

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
 Data File : BM020030.D
 Acq On : 23 Apr 2019 06:54
 Operator : JU/SJ
 Sample : K2472-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

Manual Integrations
 APPROVED

Quant Time: Apr 23 09:10:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Sum

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	99152	20.00	ng	-0.01
21) Naphthalene-d8	10.27	136	360998	20.00	ng	-0.01
39) Acenaphthene-d10	14.16	164	187649	20.00	ng	-0.01
64) Phenanthrene-d10	16.93	188	379853	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	360900	20.00	ng	-0.01
87) Perylene-d12	23.34	264	448103	20.00	ng	-0.01

4/23/2019 4:14:01 PM

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	731339	119.54	ng	-0.01
7) Phenol-d6	6.70	99	859321	93.33	ng	-0.01
23) Nitrobenzene-d5	8.67	82	743490	92.11	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	384381	127.25	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	1414616	93.95	ng	-0.02
79) Terphenyl-d14	19.58	244	1932022	94.42	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.10	88	116787	44.235	ng	# 42
3) Pyridine	3.50	79	240635	32.546	ng	98
4) n-Nitrosodimethylamine	3.42	42	99386	41.727	ng	93
6) Aniline	6.86	93	120311	10.117	ng	98
8) 2-Chlorophenol	7.07	128	289772	38.081	ng	98
9) Benzaldehyde	6.69	77	79760	12.161	ng	93
10) Phenol	6.72	94	301700	29.990	ng	91
11) bis(2-Chloroethyl)ether	6.95	93	278626	37.855	ng	99
12) 1,3-Dichlorobenzene	7.38	146	284490	35.613	ng	97
13) 1,4-Dichlorobenzene	7.53	146	291162	35.923	ng	99
14) 1,2-Dichlorobenzene	7.84	146	283998	35.339	ng	98
15) Benzyl Alcohol	7.77	79	280417	33.500	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.02	45	239336	34.111	ng	97
17) 2-Methylphenol	7.96	107	223783	33.611	ng	97
18) Hexachloroethane	8.54	117	107573	34.144	ng	98
19) n-Nitroso-di-n-propylamine	8.31	70	259769	32.095	ng	99
20) 3+4-Methylphenols	8.29	107	283908	31.041	ng	97
22) Acetophenone	8.33	105	447600	45.522	ng	# 98
24) Nitrobenzene	8.72	77	386116	46.174	ng	98
25) Isophorone	9.23	82	625542	39.809	ng	99
26) 2-Nitrophenol	9.42	139	143211	40.188	ng	96
27) 2,4-Dimethylphenol	9.48	122	227683	45.188	ng	97
28) bis(2-Chloroethoxy)methane	9.71	93	359102	40.812	ng	99
29) 2,4-Dichlorophenol	9.96	162	217885	38.076	ng	98
30) 1,2,4-Trichlorobenzene	10.14	180	265091	43.041	ng	98
31) Naphthalene	10.32	128	804767	41.562	ng	99
32) Benzoic acid	9.68	122	15971m	8.083	ng	
33) 4-Chloroaniline	10.51	127	23695	2.971	ng	# 96
34) Hexachlorobutadiene	10.57	225	152006	41.846	ng	99
35) Caprolactam	11.33	113	46781m	21.597	ng	
36) 4-Chloro-3-methylphenol	11.60	107	259874	36.549	ng	98
37) 2-Methylnaphthalene	11.95	142	585865	41.560	ng	98
38) 1-Methylnaphthalene	12.17	142	553155	39.741	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	282915	48.872	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
 Data File : BM020030.D
 Acq On : 23 Apr 2019 06:54
 Operator : JU/SJ
 Sample : K2472-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 EXCAVATION-NEWARK-SOUTH-PIL

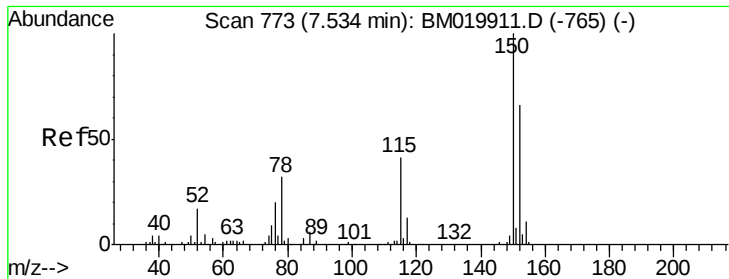
Manual Integrations
 APPROVED

Quant Time: Apr 23 09:10:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Sum

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Hexachlorocyclopentadiene	12.27	237	155028	76.278	ng	98	
43) 2,4,6-Trichlorophenol	12.59	196	182775	46.571	ng	100	4/23/2019 4:14:01 PM
44) 2,4,5-Trichlorophenol	12.68	196	176442	43.195	ng	97	
46) 1,1'-Biphenyl	12.99	154	753690	46.373	ng	100	
47) 2-Chloronaphthalene	13.03	162	581756	46.926	ng	99	
48) 2-Nitroaniline	13.28	65	180660	40.429	ng	96	
49) Acenaphthylene	13.89	152	911454	42.255	ng	100	
50) Dimethylphthalate	13.64	163	724074	43.746	ng	100	
51) 2,6-Dinitrotoluene	13.78	165	156409	42.734	ng	87	
52) Acenaphthene	14.23	154	534199	44.666	ng	98	
53) 3-Nitroaniline	14.14	138	35670	9.760	ng	98	
54) 2,4-Dinitrophenol	14.38	184	32306	20.878	ng	92	
55) Dibenzofuran	14.57	168	873768	44.677	ng	96	
56) 4-Nitrophenol	14.47	139	134354	49.037	ng	#	82
57) 2,4-Dinitrotoluene	14.59	165	211957	40.287	ng	98	
58) Fluorene	15.23	166	698602	42.156	ng	99	
59) 2,3,4,6-Tetrachlorophenol	14.82	232	164657	44.178	ng	100	
60) Diethylphthalate	15.01	149	744143	43.228	ng	100	
61) 4-Chlorophenyl-phenylether	15.22	204	352391	44.166	ng	95	
62) 4-Nitroaniline	15.31	138	105028	29.168	ng	90	
63) Azobenzene	15.52	77	814556	44.272	ng	97	
65) 4,6-Dinitro-2-methylphenol	15.37	198	46602	19.228	ng	98	
66) n-Nitrosodiphenylamine	15.45	169	580807	46.770	ng	99	
67) 4-Bromophenyl-phenylether	16.12	248	204025	46.718	ng	97	
68) Hexachlorobenzene	16.23	284	241842	46.152	ng	98	
69) Atrazine	16.42	200	194724	46.190	ng	98	
70) Pentachlorophenol	16.60	266	201354	75.204	ng	99	
71) Phenanthrene	16.97	178	1020377	45.266	ng	99	
72) Anthracene	17.07	178	1020513	45.480	ng	100	
73) Carbazole	17.36	167	897356	42.834	ng	99	
74) Di-n-butylphthalate	17.90	149	1183168	43.004	ng	100	
75) Fluoranthene	19.01	202	1139395	43.922	ng	99	
77) Benzidine	19.25	184	54689	5.492	ng	#	95
78) Pyrene	19.38	202	1174191	49.130	ng	100	
80) Butylbenzylphthalate	20.29	149	551262	47.576	ng	97	
81) Benzo(a)anthracene	21.14	228	1099255	48.082	ng	99	
82) 3,3'-Dichlorobenzidine	21.09	252	159657	18.770	ng	99	
83) Chrysene	21.19	228	1111853	50.712	ng	100	
84) Bis(2-ethylhexyl)phthalate	21.05	149	822489	47.680	ng	98	
85) Di-n-octyl phthalate	21.91	149	1430705	51.114	ng	100	
86) Indeno(1,2,3-cd)pyrene	25.53	276	1812765	84.049	ng	99	
88) Benzo(b)fluoranthene	22.69	252	1280311	43.029	ng	100	
89) Benzo(k)fluoranthene	22.73	252	1328117	47.412	ng	99	
90) Benzo(a)pyrene	23.24	252	1266545	48.040	ng	98	
91) Dibenzo(a,h)anthracene	25.53	278	1534747	60.379	ng	99	
92) Benzo(g,h,i)perylene	26.20	276	1435987	62.373	ng	98	

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

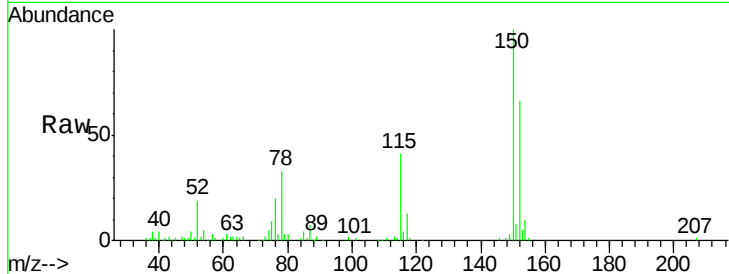
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

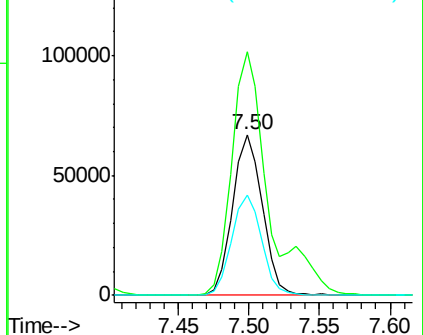
Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.8	122.1	183.1
115	62.1	50.0	75.0

Manual Integrations
APPROVED

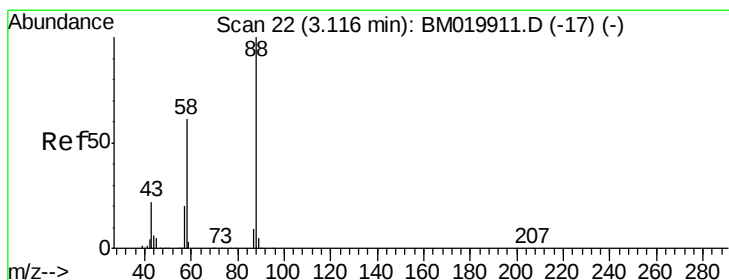
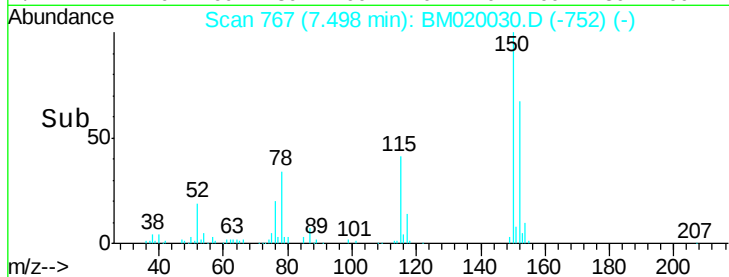
Sum



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



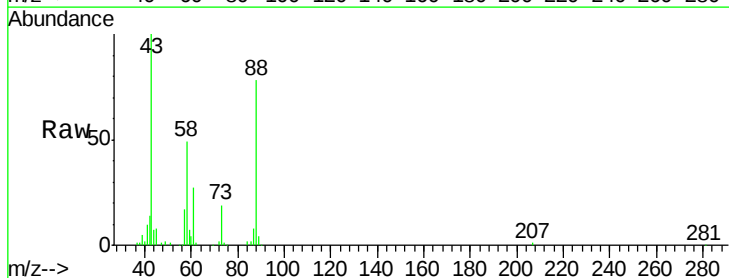
4/23/2019 4:14:01 PM



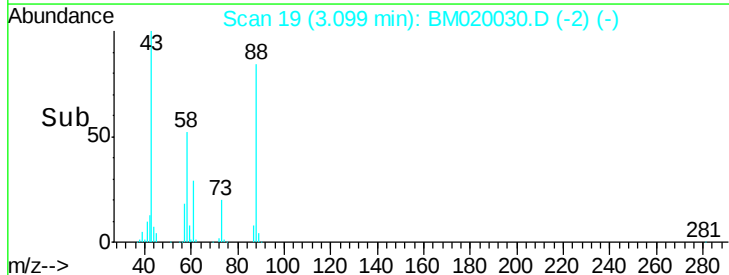
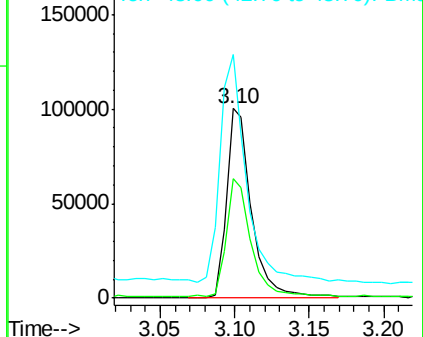
#2

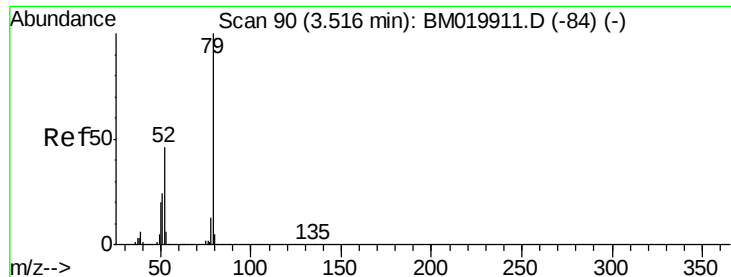
1,4-Dioxane
Concen: 44.235 ng
RT: 3.10 min Scan# 19
Delta R.T. -0.00 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.1	49.6	74.4
43	127.5	18.6	27.8#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 32.546 ng

RT: 3.50 min Scan# 88

Delta R.T. -0.00 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

Instrument :

BNA_M

ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion: 79 Resp: 240635
Ion Ratio Lower Upper

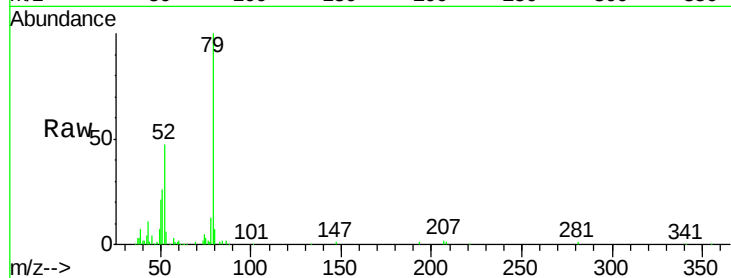
79 100

52 47.4 36.9 55.3

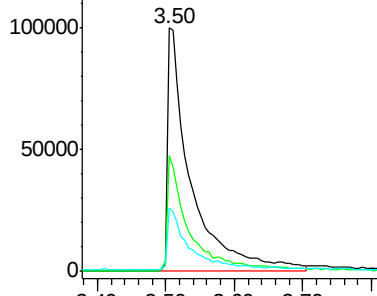
51 25.7 20.0 30.0

Manual Integrations
APPROVED

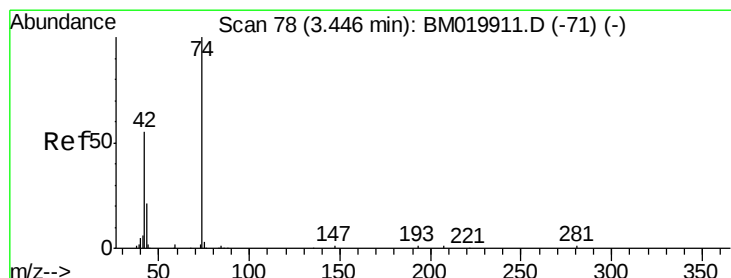
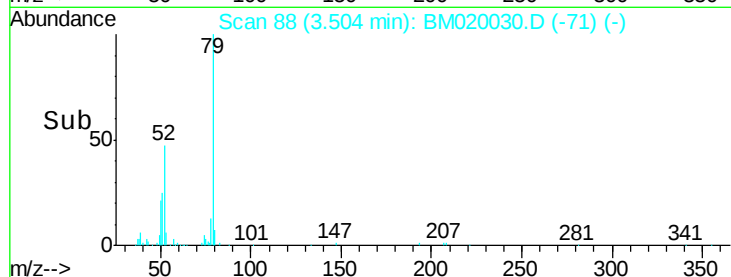
Sonali



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0



4/23/2019 4:14:01 PM



#4

n-Nitrosodimethylamine

Concen: 41.727 ng

RT: 3.42 min Scan# 74

Delta R.T. -0.01 min

Lab File: BM020030.D

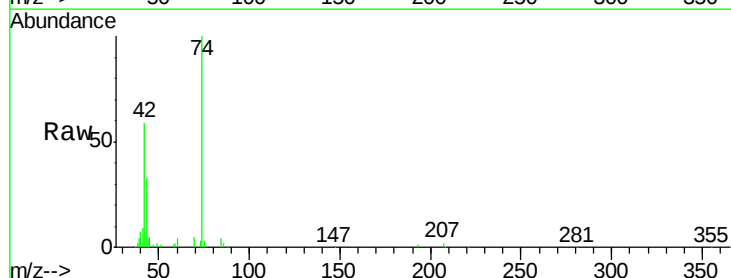
Acq: 23 Apr 2019 06:54

Tgt Ion: 42 Resp: 99386
Ion Ratio Lower Upper

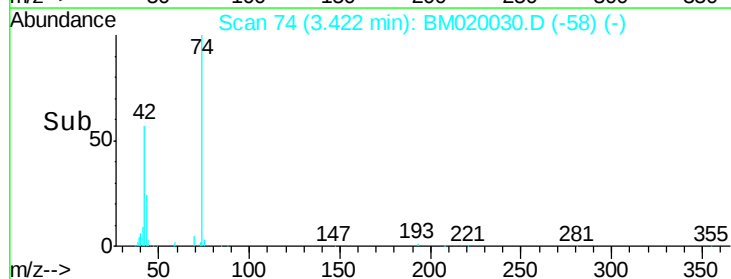
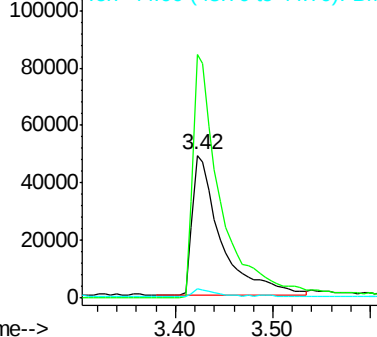
42 100

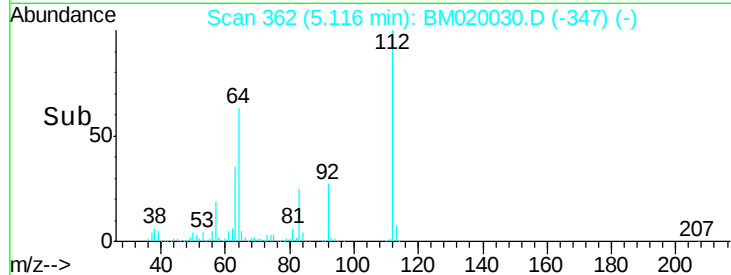
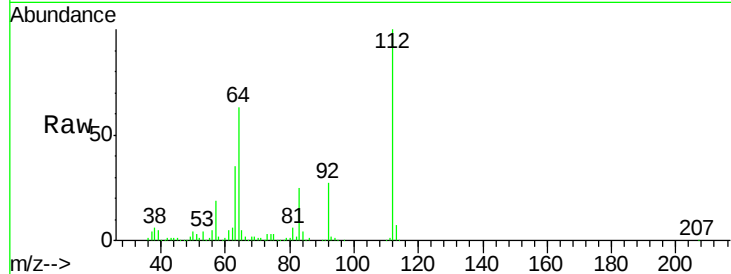
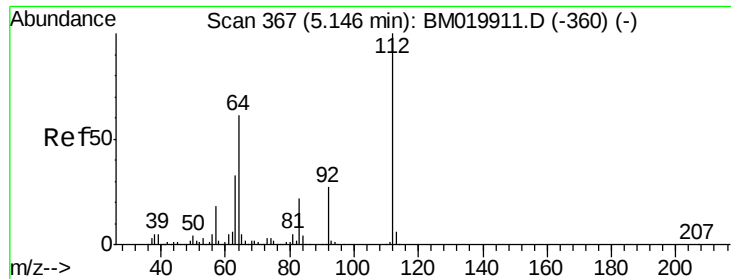
74 170.3 144.6 217.0

44 6.5 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 119.538 ng

RT: 5.12 min Scan# 362

Delta R.T. -0.01 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

Tgt Ion:	112	Resp:	731339
Ion Ratio	Lower	Upper	
112	100		
64	62.7	49.1	73.7
63	34.7	26.5	39.7

Instrument :

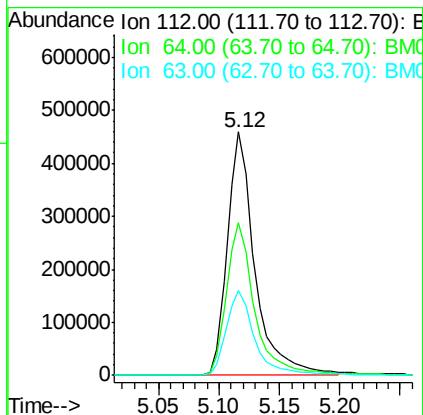
BNA_M

ClientSampleId :

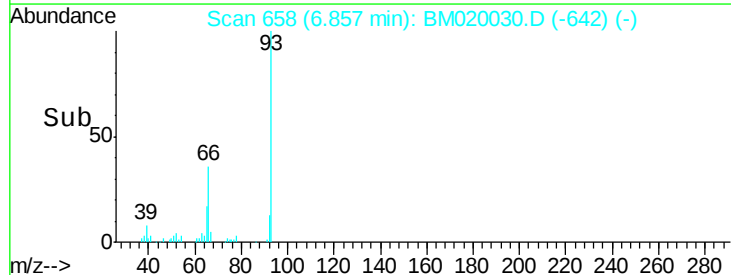
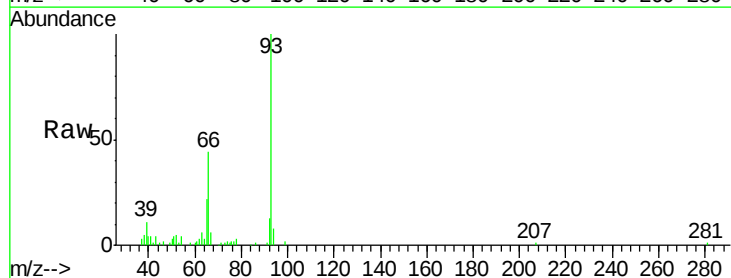
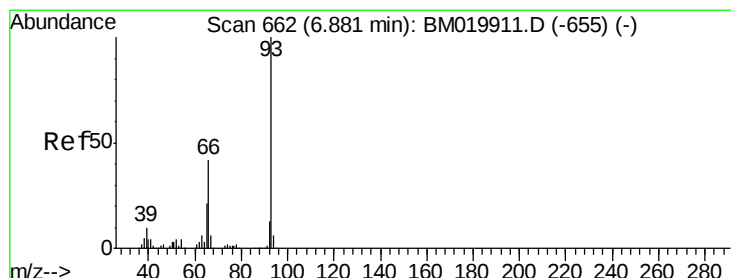
EXCAVATION-NEWARK-SOUTH-PIL

Manual Integrations
APPROVED

Sonni



4/23/2019 4:14:01 PM



#6

Aniline

Concen: 10.117 ng

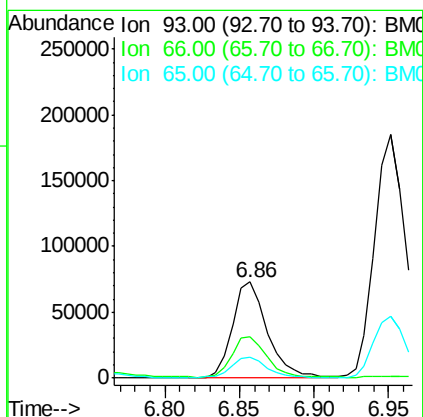
RT: 6.86 min Scan# 658

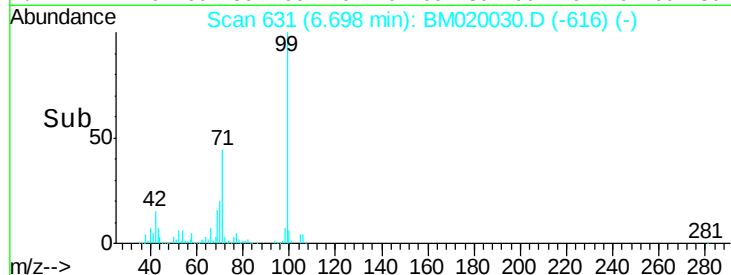
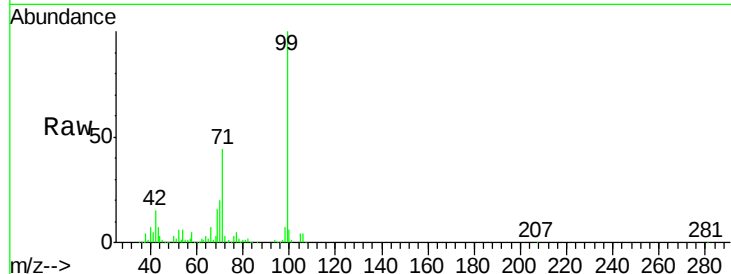
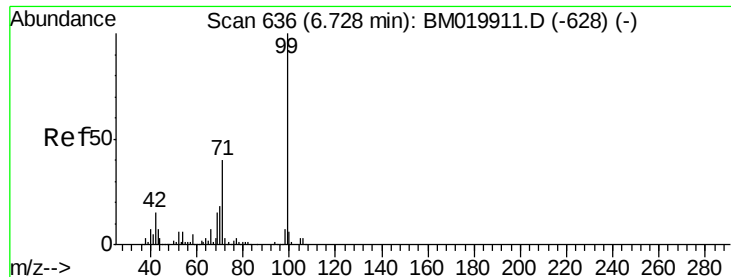
Delta R.T. -0.01 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

Tgt Ion:	93	Resp:	120311
Ion Ratio	Lower	Upper	
93	100		
66	43.5	33.9	50.9
65	21.9	17.0	25.6





#7

Phenol-d6

Concen: 93.328 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	859321		
42	15.5	11.8	17.8	
71	43.6	32.0	48.0	

Instrument :

BNA_M

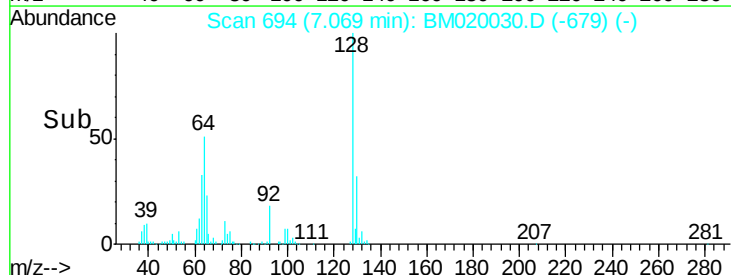
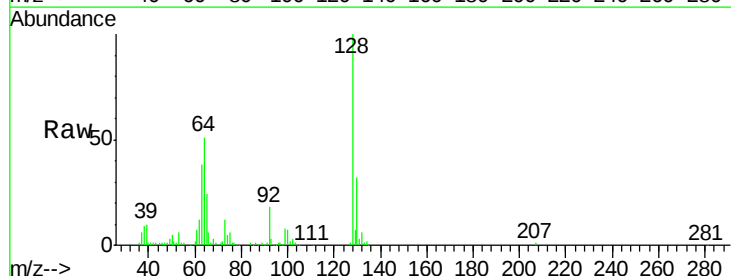
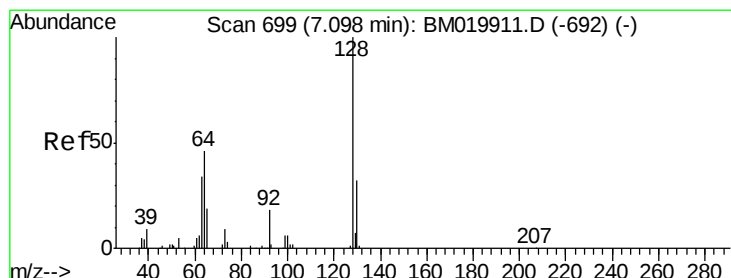
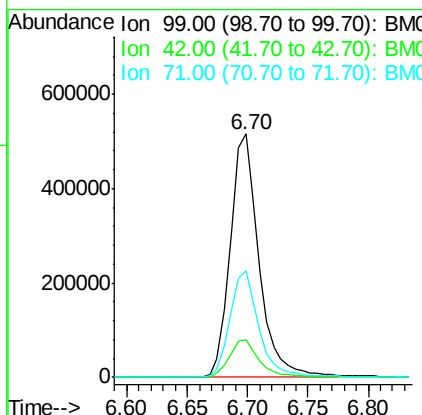
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Manual Integrations
APPROVED

Soniii

4/23/2019 4:14:01 PM



#8

2-Chlorophenol

Concen: 38.081 ng

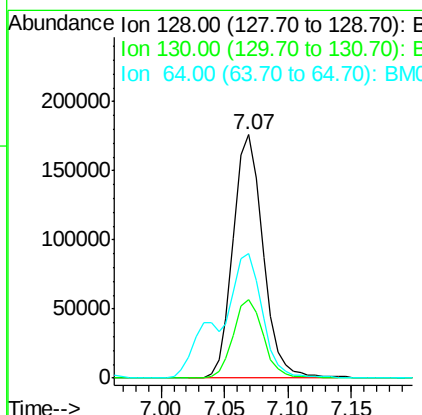
RT: 7.07 min Scan# 694

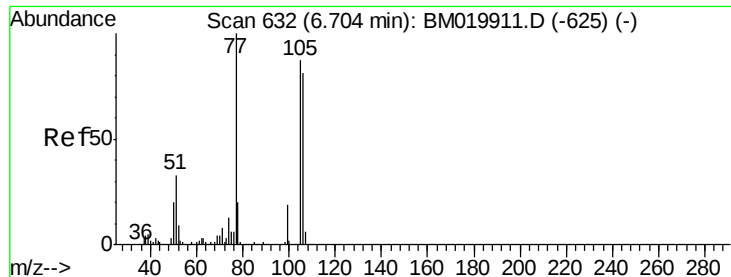
Delta R.T. -0.01 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	289772		
130	32.3	12.0	52.0	
64	51.2	33.0	73.0	





#9

Benzaldehyde

Concen: 12.161 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.00 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

Instrument :

BNA_M

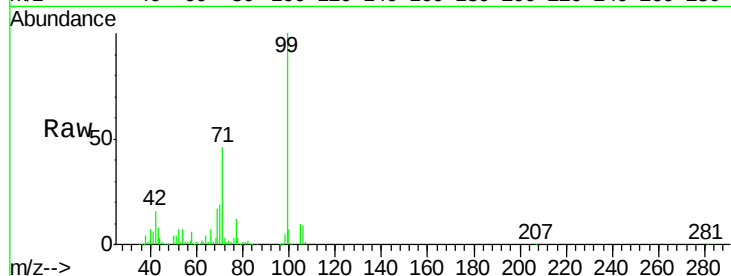
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion:	77	Resp:	79760
Ion	Ratio	Lower	Upper
77	100		
105	80.3	67.3	107.3
106	75.0	60.6	100.6

Manual Integrations
APPROVED

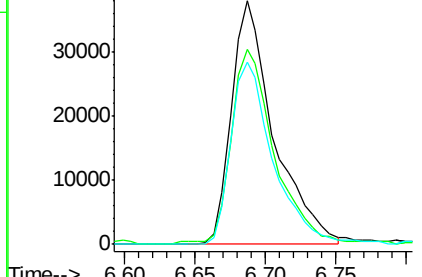
Sonni



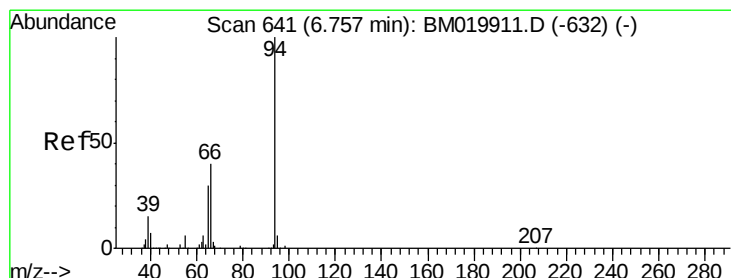
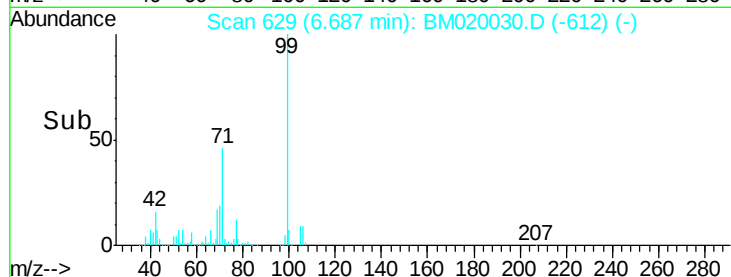
Abundance Ion 77.00 (76.70 to 77.70): BM019911.D (-625) (-)

Ion 105.00 (104.70 to 105.70): BM019911.D (-625) (-)

Ion 106.00 (105.70 to 106.70): BM019911.D (-625) (-)



4/23/2019 4:14:01 PM



#10

Phenol

Concen: 29.990 ng

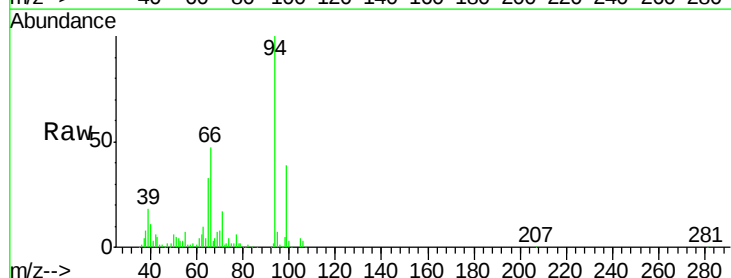
RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

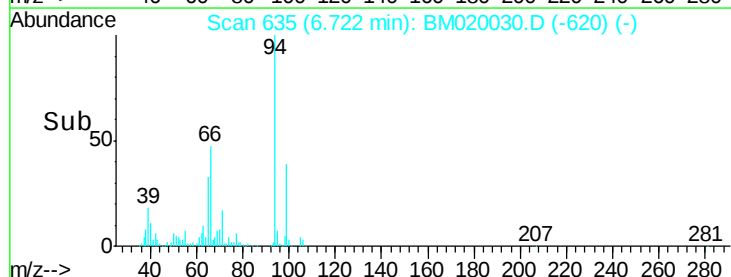
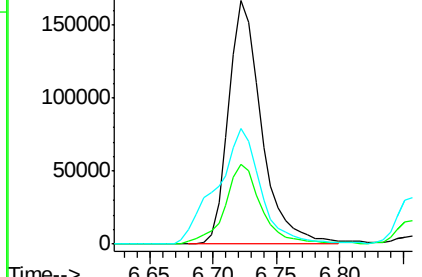
Tgt Ion:	94	Resp:	301700
Ion	Ratio	Lower	Upper
94	100		
65	33.0	10.0	50.0
66	47.4	20.2	60.2

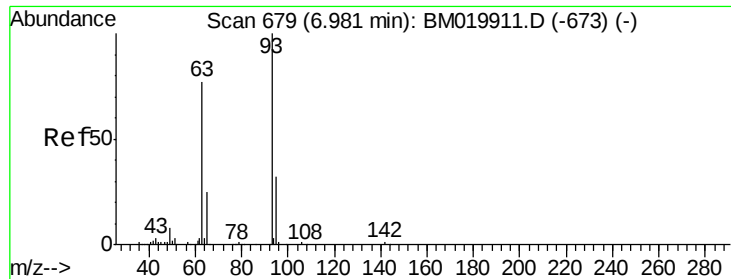


Abundance Ion 94.00 (93.70 to 94.70): BM019911.D (-632) (-)

Ion 65.00 (64.70 to 65.70): BM019911.D (-632) (-)

Ion 66.00 (65.70 to 66.70): BM019911.D (-632) (-)





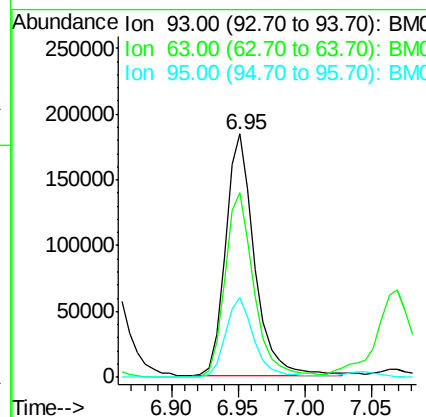
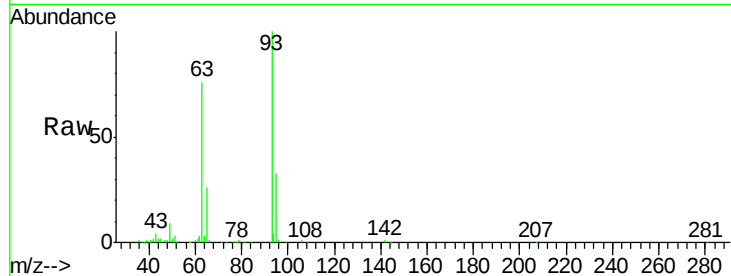
#11
bis(2-Chloroethyl)ether
Concen: 37.855 ng
RT: 6.95 min Scan# 674
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

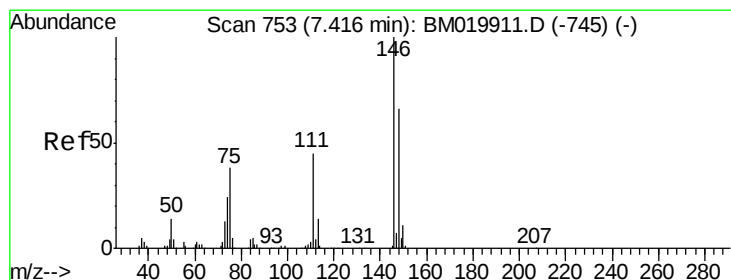
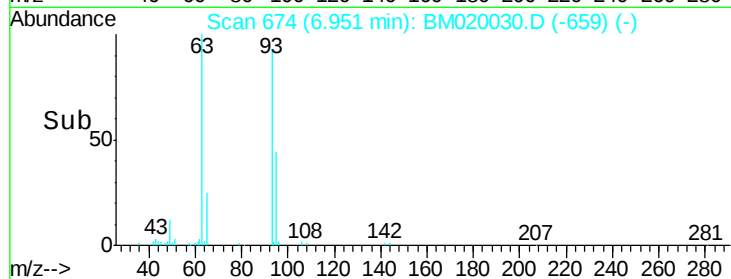
Tgt Ion:	93	Resp:	278626
Ion	Ratio	Lower	Upper
93	100		
63	76.0	55.8	95.8
95	32.7	11.6	51.6

Manual Integrations
APPROVED

Shih

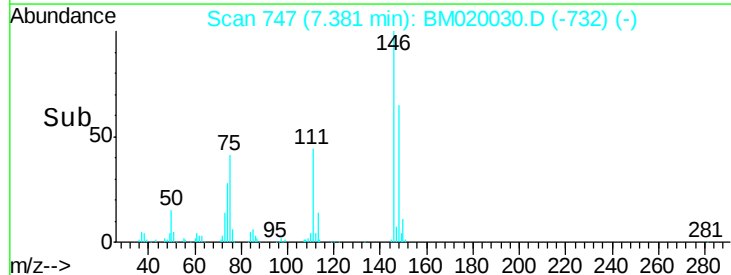
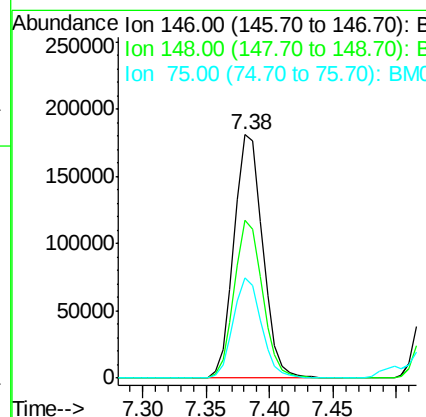
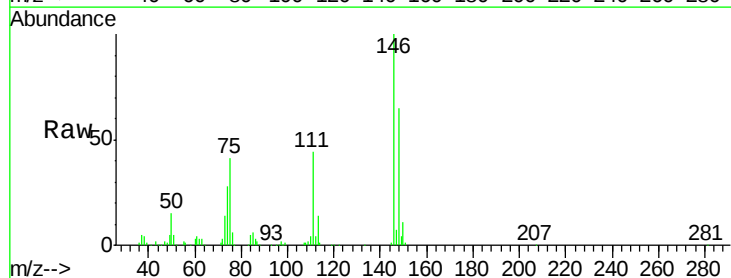


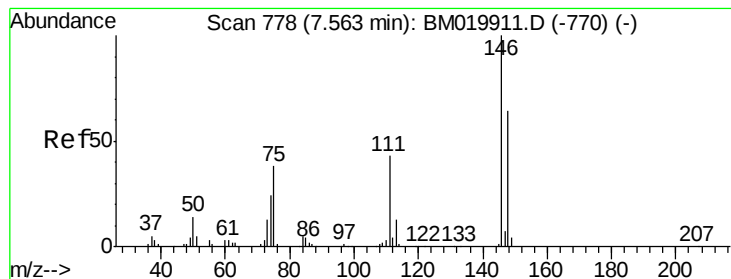
4/23/2019 4:14:01 PM



#12
1,3-Dichlorobenzene
Concen: 35.613 ng
RT: 7.38 min Scan# 747
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion:	146	Resp:	284490
Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.6	78.8
75	41.4	30.0	45.0





#13

1,4-Dichlorobenzene

Concen: 35.923 ng

RT: 7.53 min Scan# 773

Delta R.T. -0.01 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

Instrument :

BNA_M

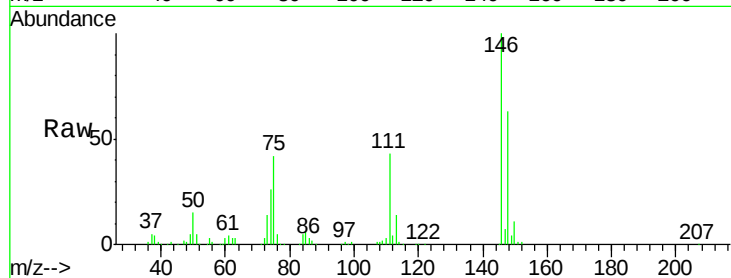
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

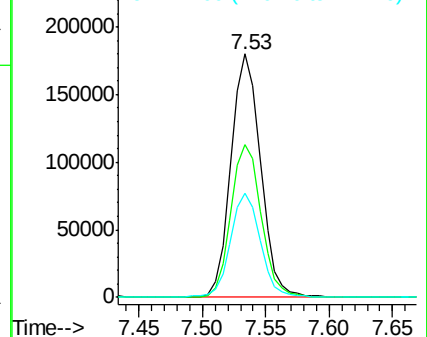
Tgt Ion:	146	Resp:	291162
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.1	76.7
111	42.8	34.6	51.8

Manual Integrations
APPROVED

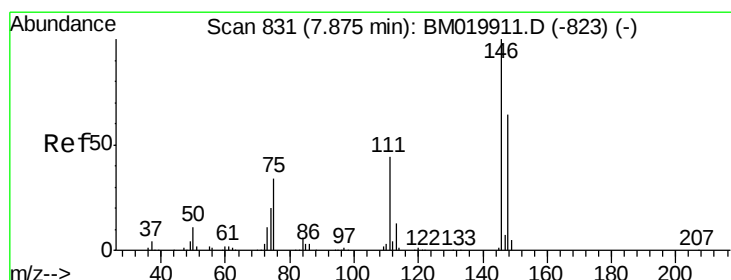
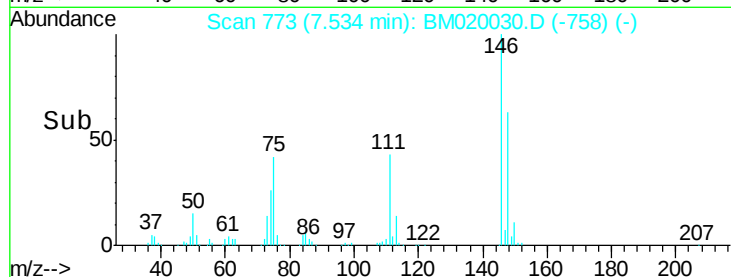
Shm



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



4/23/2019 4:14:01 PM



#14

1,2-Dichlorobenzene

Concen: 35.339 ng

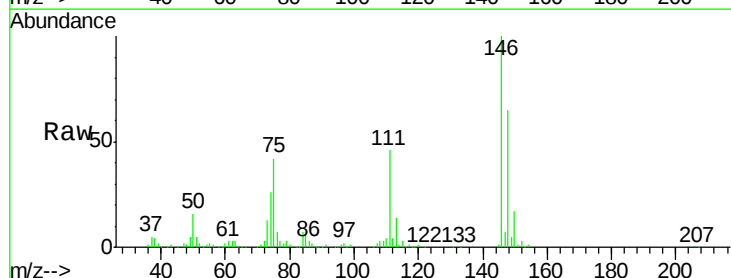
RT: 7.84 min Scan# 825

Delta R.T. -0.02 min

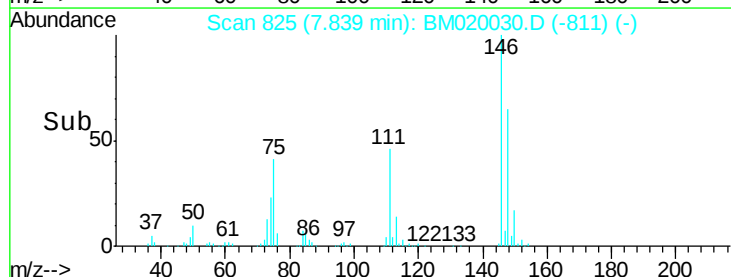
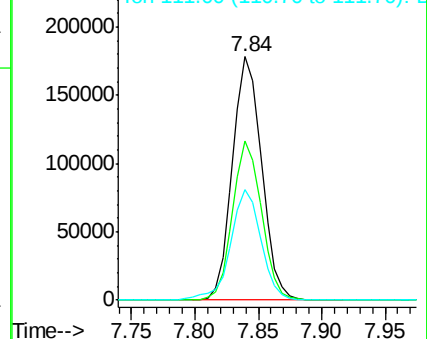
Lab File: BM020030.D

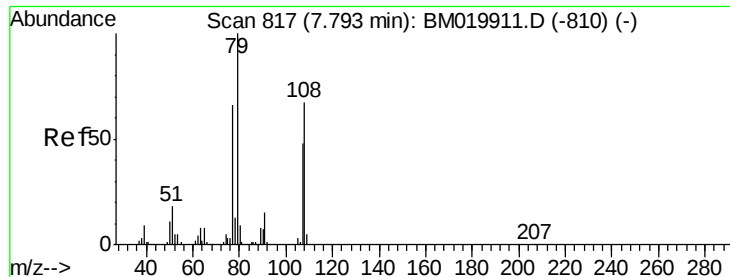
Acq: 23 Apr 2019 06:54

Tgt Ion:	146	Resp:	283998
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.4	77.2
111	45.6	35.4	53.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





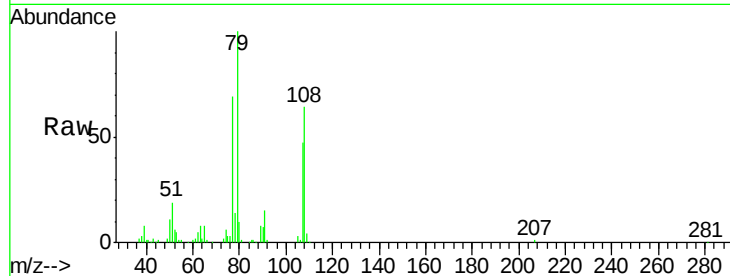
#15
Benzyl Alcohol
Concen: 33.500 ng
RT: 7.77 min Scan# 813
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

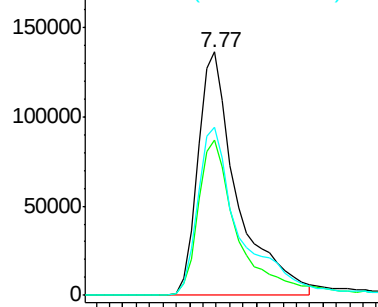
Tgt Ion:	79	Resp:	280417
Ion Ratio	Lower	Upper	
79	100		
108	63.8	53.9	80.9
77	68.9	53.1	79.7

Manual Integrations
APPROVED

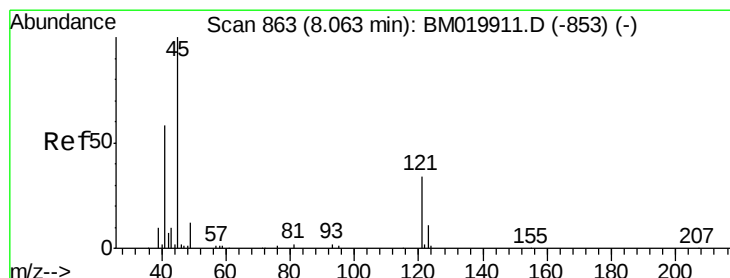
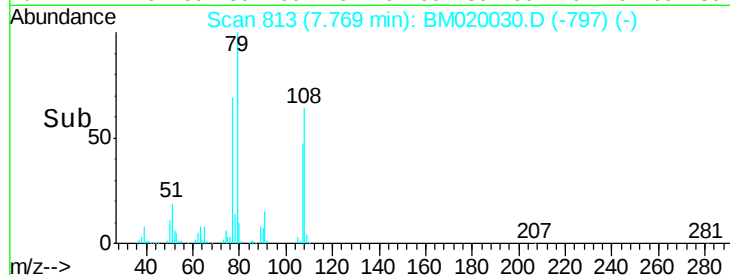
Shih



Abundance Ion 79.00 (78.70 to 79.70): BM019911.D (-810) (-)
Ion 108.00 (107.70 to 108.70): BM019911.D (-810) (-)
Ion 77.00 (76.70 to 77.70): BM019911.D (-810) (-)

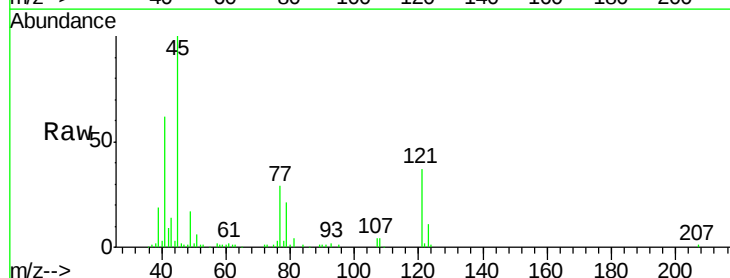


4/23/2019 4:14:01 PM

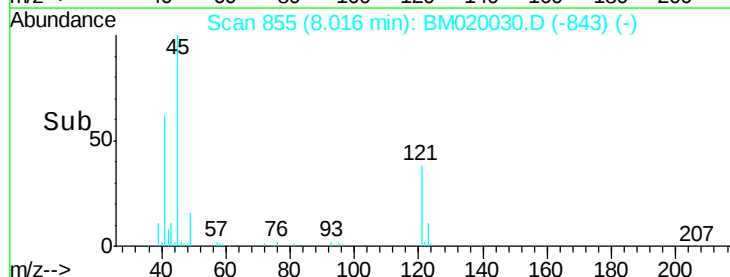
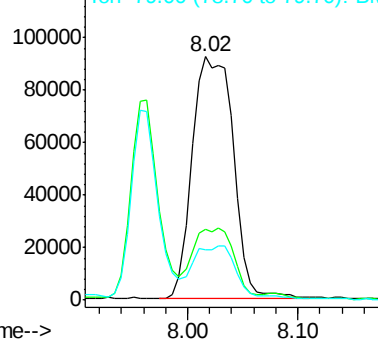


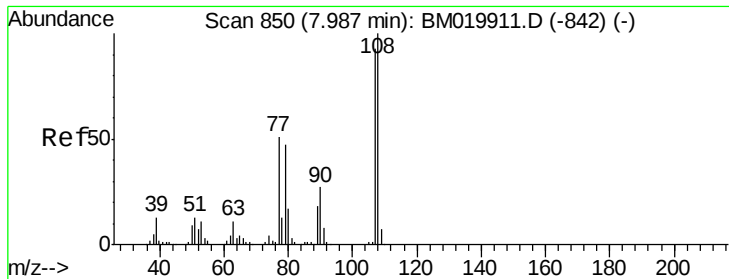
#16
2,2'-oxybis(1-chloropropane)
Concen: 34.111 ng
RT: 8.02 min Scan# 855
Delta R.T. -0.03 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion:	45	Resp:	239336
Ion Ratio	Lower	Upper	
45	100		
77	29.1	7.2	47.2
79	20.6	1.2	41.2



Abundance Ion 45.00 (44.70 to 45.70): BM019911.D (-853) (-)
Ion 77.00 (76.70 to 77.70): BM019911.D (-853) (-)
Ion 79.00 (78.70 to 79.70): BM019911.D (-853) (-)





#17

2-Methylphenol

Concen: 33.611 ng

RT: 7.96 min Scan# 846

Delta R.T. -0.01 min

Lab File: BM020030.D

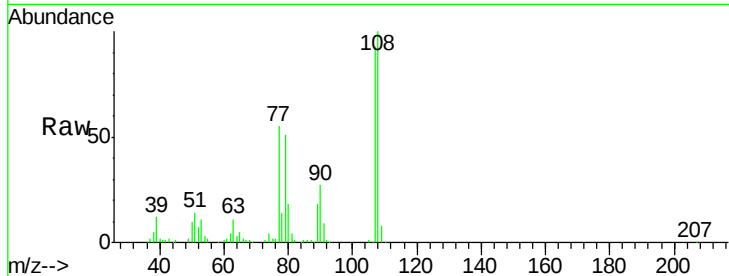
Acq: 23 Apr 2019 06:54

Instrument :

BNA_M

ClientSampleId :

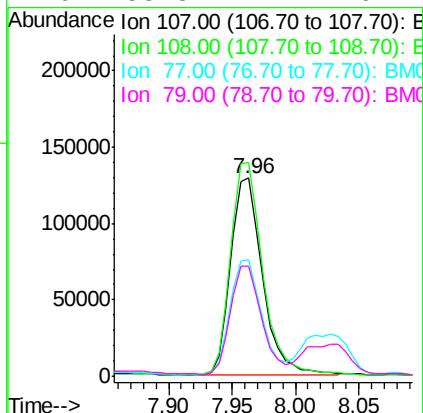
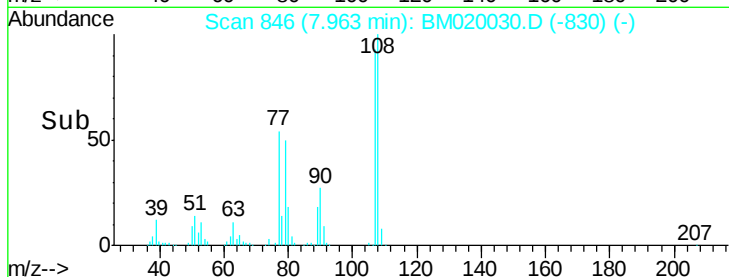
EXCAVATION-NEWARK-SOUTH-PIL



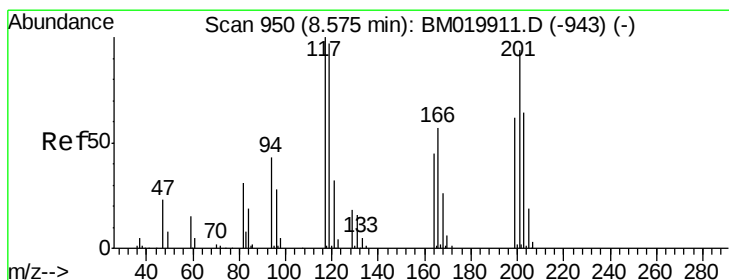
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	223783		
108	107.8	85.9	128.9	
77	58.9	43.8	65.6	
79	55.3	41.1	61.7	

Manual Integrations
APPROVED

Sonali



4/23/2019 4:14:01 PM



#18

Hexachloroethane

Concen: 34.144 ng

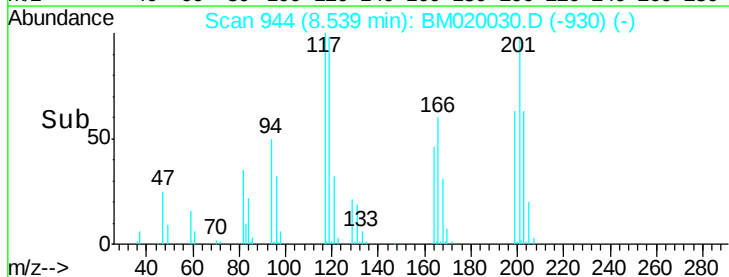
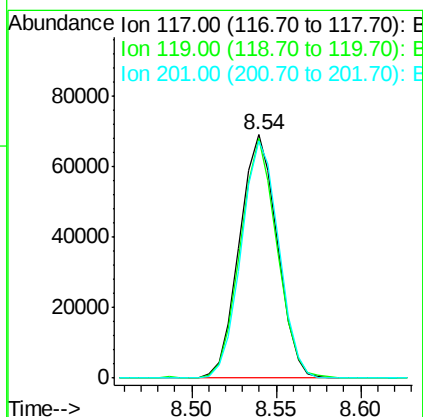
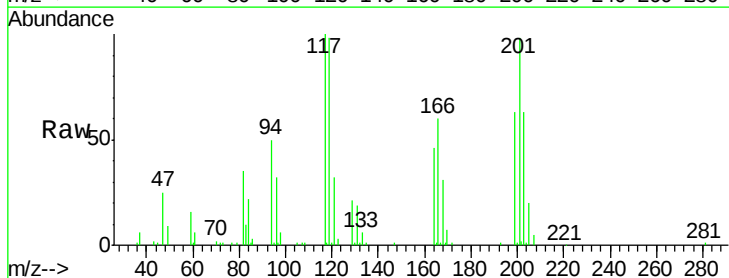
RT: 8.54 min Scan# 944

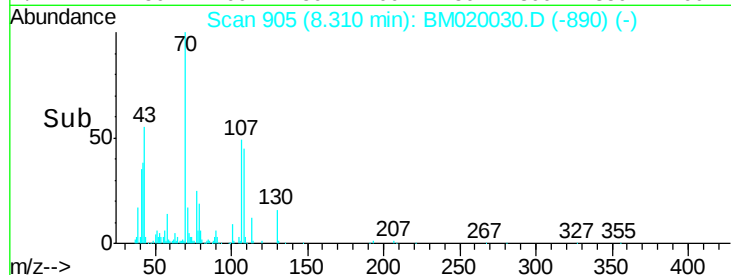
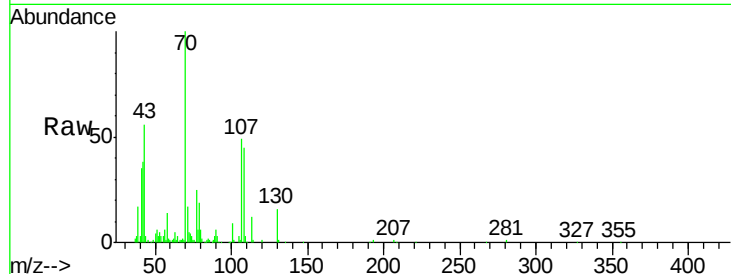
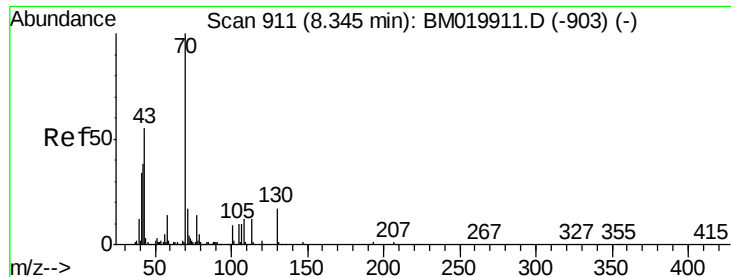
Delta R.T. -0.02 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	107573		
119	98.4	77.6	116.4	
201	97.6	75.4	113.2	





#19
n-Nitroso-di-n-propylamine
Concen: 32.095 ng
RT: 8.31 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

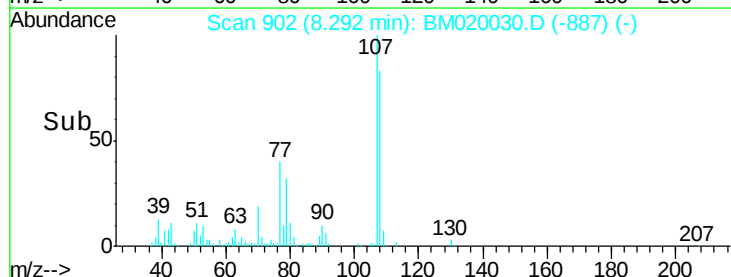
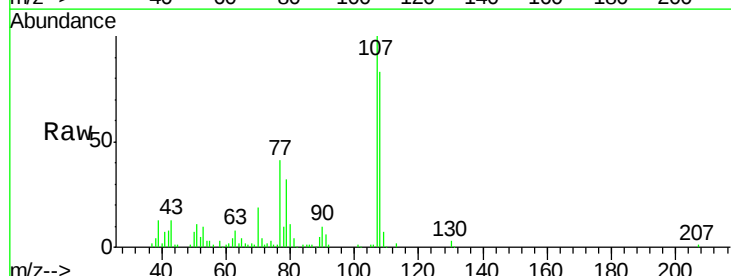
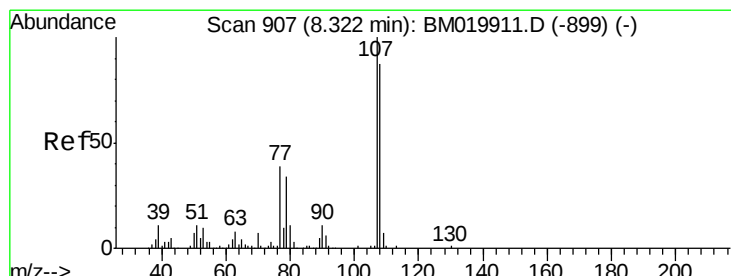
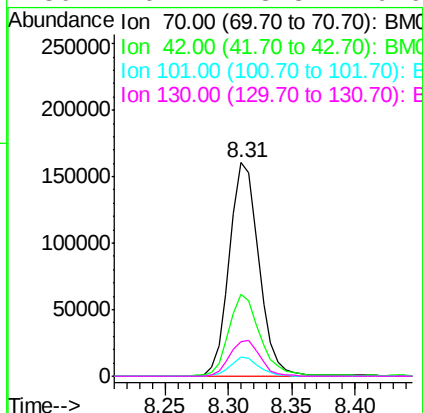
Tgt Ion	Ratio	Lower	Upper
70	100		
42	38.2	30.3	45.5
101	8.8	6.9	10.3
130	16.4	13.8	20.6

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

Manual Integrations
APPROVED

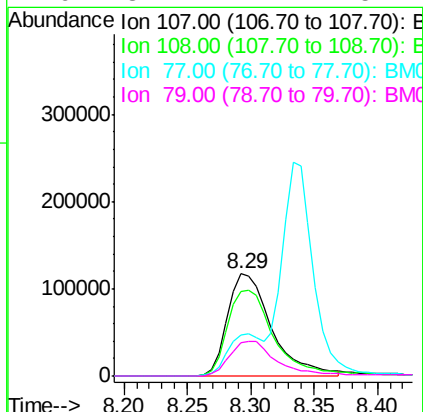
Sonni

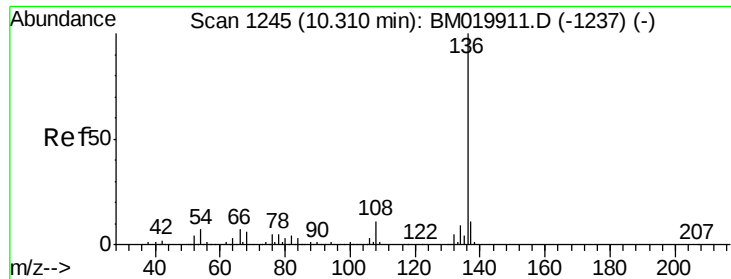
4/23/2019 4:14:01 PM



#20
3+4-Methylphenols
Concen: 31.041 ng
RT: 8.29 min Scan# 902
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.4	67.4	107.4
77	40.6	19.7	59.7
79	32.4	14.1	54.1





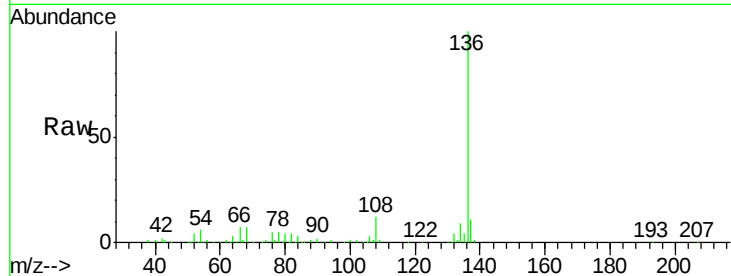
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

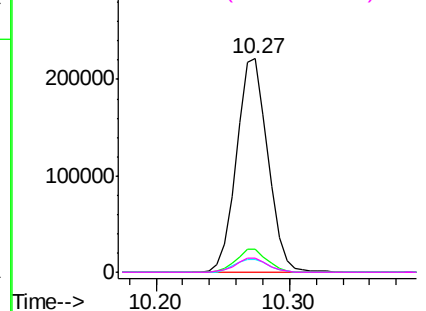
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	360998		
137	10.9	9.0	13.6	
54	6.2	5.3	7.9	
68	6.6	5.2	7.8	

Manual Integrations
APPROVED

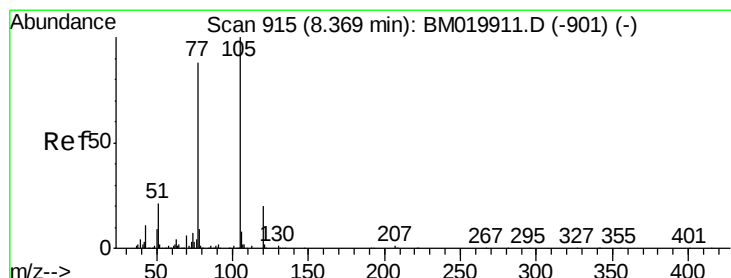
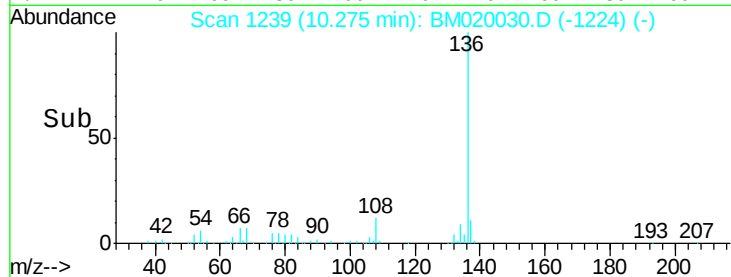
Sum



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM



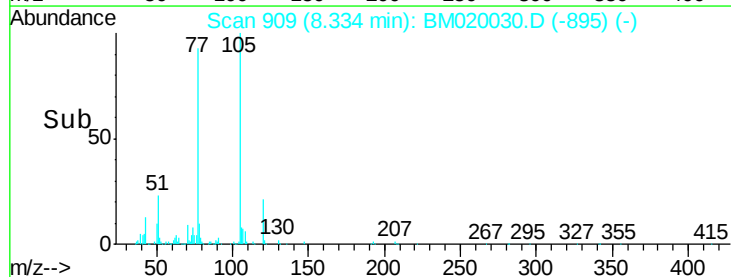
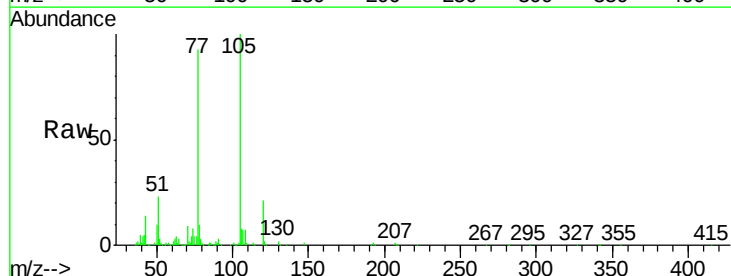
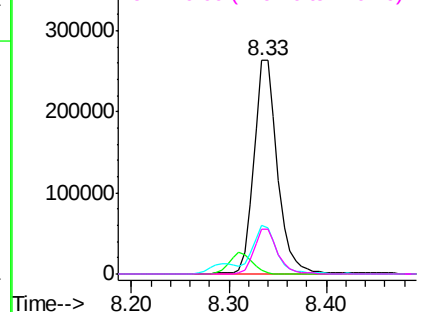
4/23/2019 4:14:01 PM

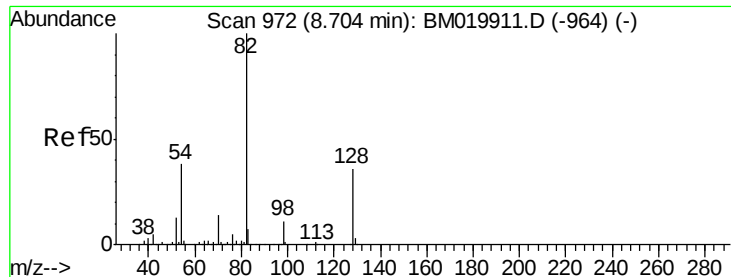


#22
Acetophenone
Concen: 45.522 ng
RT: 8.33 min Scan# 909
Delta R.T. -0.02 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	447600		
71	1.5	0.8	1.2#	
51	22.5	16.9	25.3	
120	20.8	16.4	24.6	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





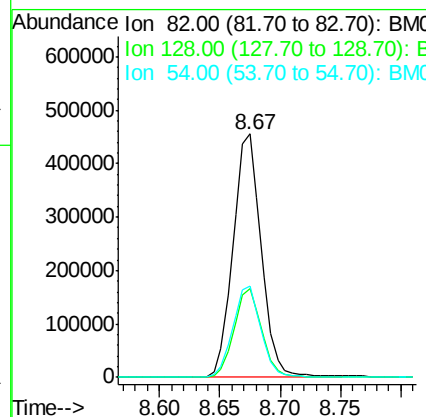
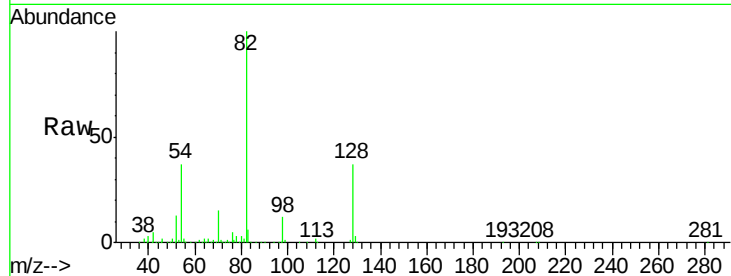
#23
 Nitrobenzene-d5
 Concen: 92.105 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

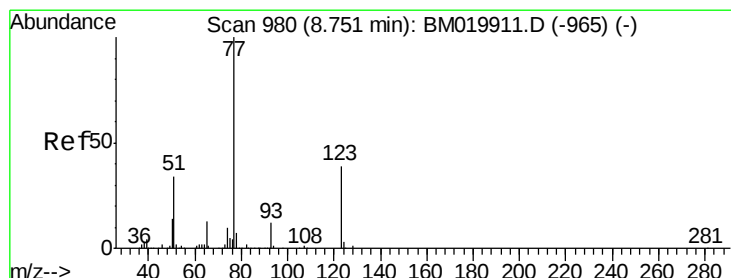
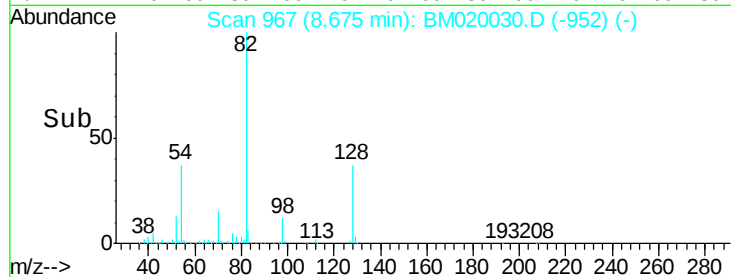
Tgt Ion:	82	Resp:	743490
Ion Ratio	Lower	Upper	
82	100		
128	36.6	29.0	43.4
54	37.3	30.2	45.4

Manual Integrations
 APPROVED

Shih

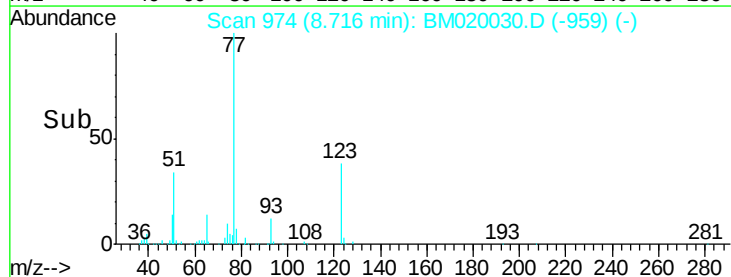
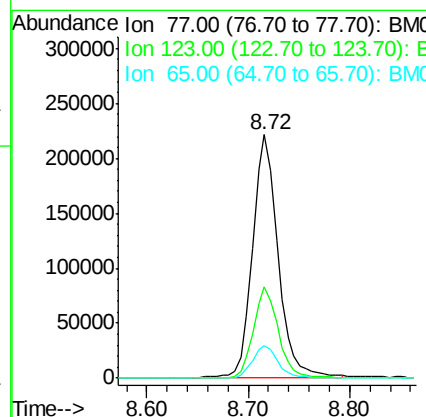
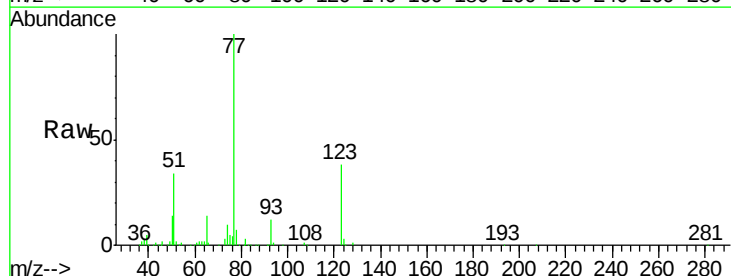


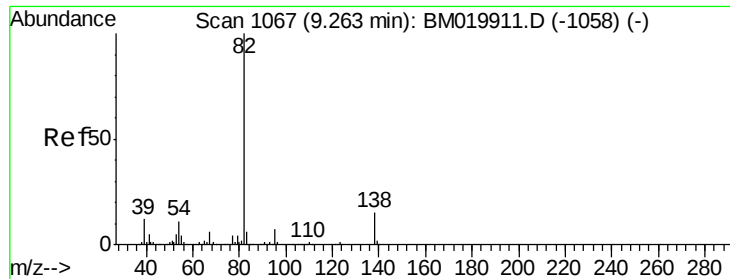
4/23/2019 4:14:01 PM



#24
 Nitrobenzene
 Concen: 46.174 ng
 RT: 8.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Tgt Ion:	77	Resp:	386116
Ion Ratio	Lower	Upper	
77	100		
123	37.5	31.0	46.4
65	13.6	10.6	16.0





#25

Isophorone

Concen: 39.809 ng

RT: 9.23 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

Instrument :

BNA_M

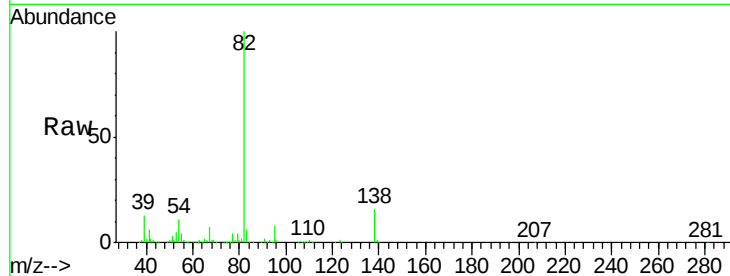
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

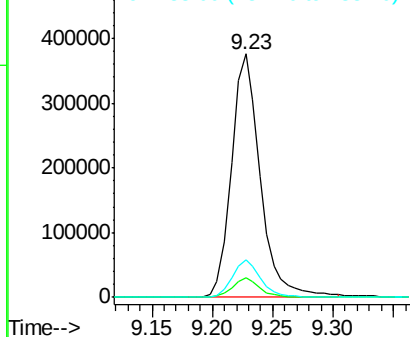
Tgt Ion:	82	Resp:	625542
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.5	8.3
138	15.6	12.2	18.2

Manual Integrations
APPROVED

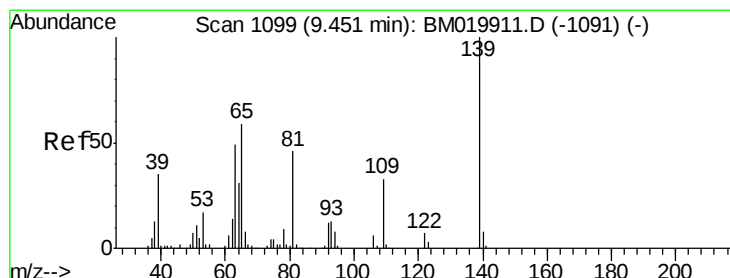
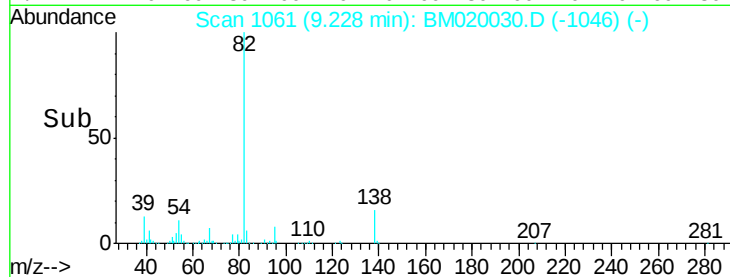
Sonali



Abundance Ion 82.00 (81.70 to 82.70): BM020030.D (-1046) (-)
Ion 95.00 (94.70 to 95.70): BM020030.D (-1046) (-)
Ion 138.00 (137.70 to 138.70): BM020030.D (-1046) (-)



4/23/2019 4:14:01 PM



#26

2-Nitrophenol

Concen: 40.188 ng

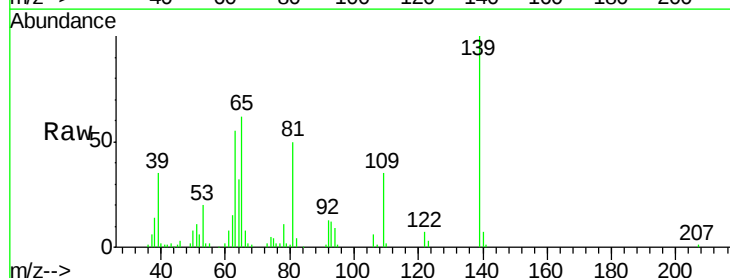
RT: 9.42 min Scan# 1093

Delta R.T. -0.01 min

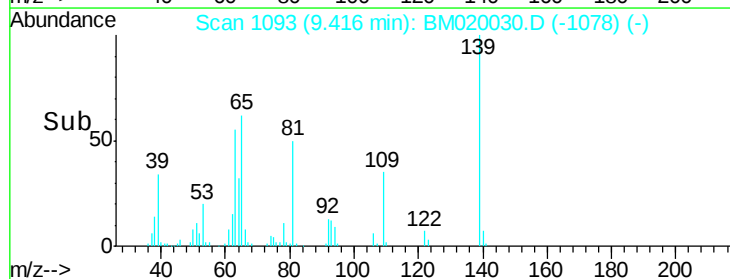
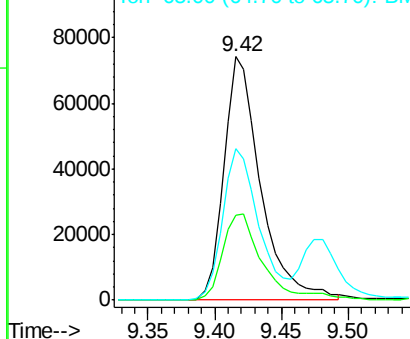
Lab File: BM020030.D

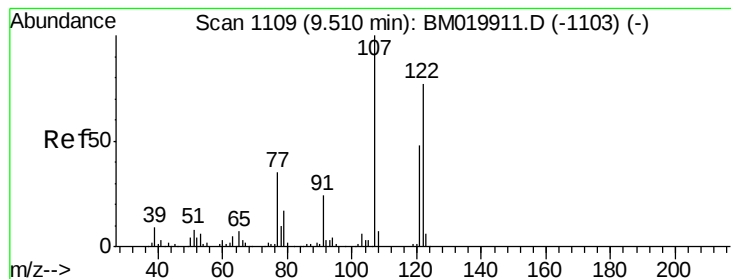
Acq: 23 Apr 2019 06:54

Tgt Ion:	139	Resp:	143211
Ion Ratio	Lower	Upper	
139	100		
109	35.0	26.3	39.5
65	62.3	47.4	71.2



Abundance Ion 139.00 (138.70 to 139.70): BM020030.D (-1078) (-)
Ion 109.00 (108.70 to 109.70): BM020030.D (-1078) (-)
Ion 65.00 (64.70 to 65.70): BM020030.D (-1078) (-)





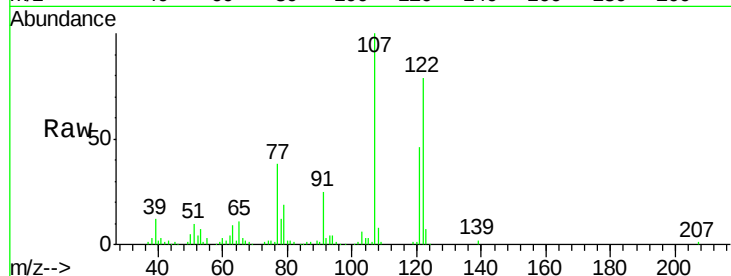
#27
2,4-Dimethylphenol
Concen: 45.188 ng
RT: 9.48 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	126.9	103.1	154.7	
121	58.9	49.8	74.8	

Manual Integrations
APPROVED

Sonni

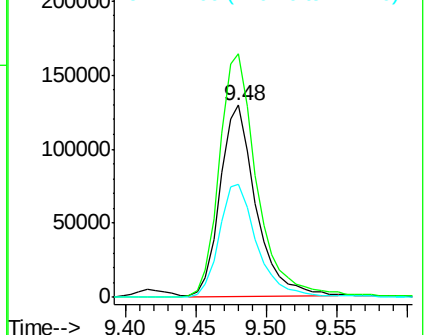


Abundance

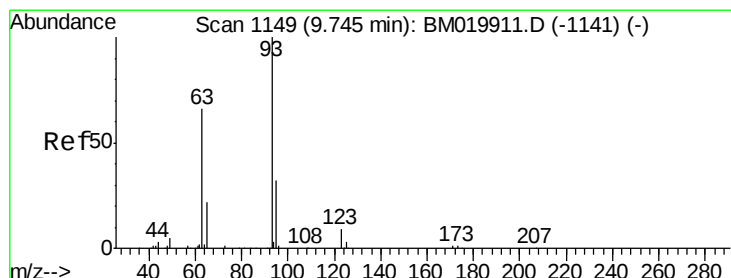
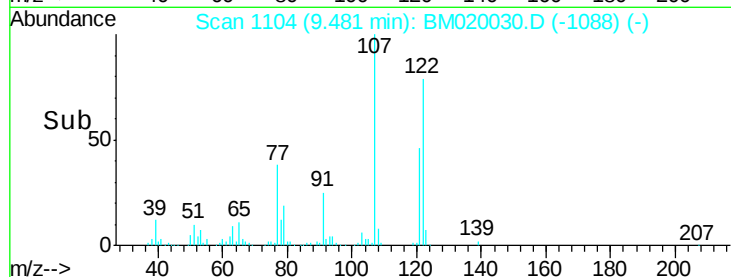
Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

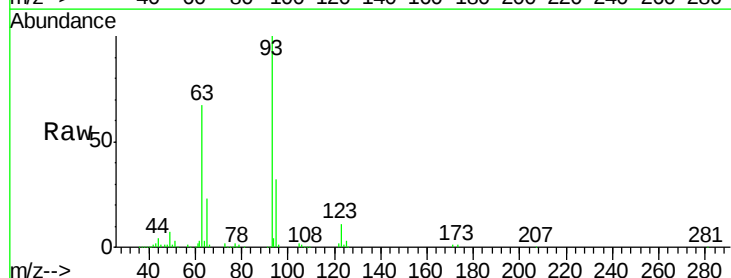


4/23/2019 4:14:01 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.812 ng
RT: 9.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	31.9	25.8	38.8	
123	10.5	8.2	12.2	

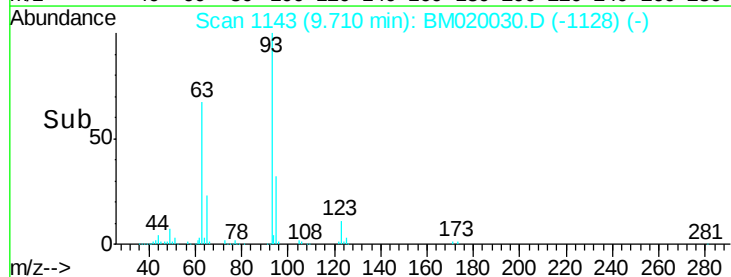
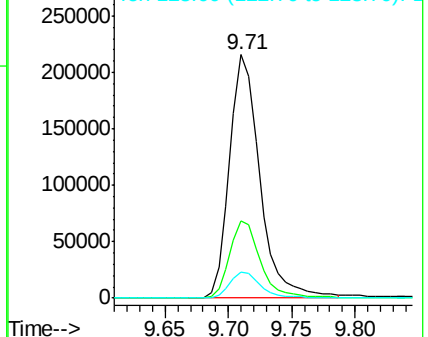


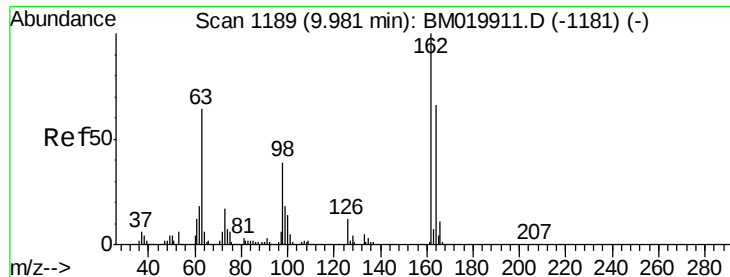
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





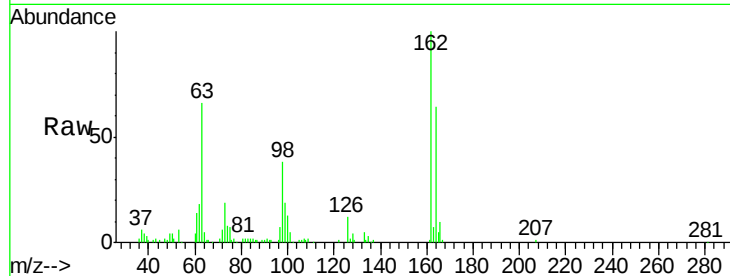
#29
2,4-Dichlorophenol
Concen: 38.076 ng
RT: 9.96 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

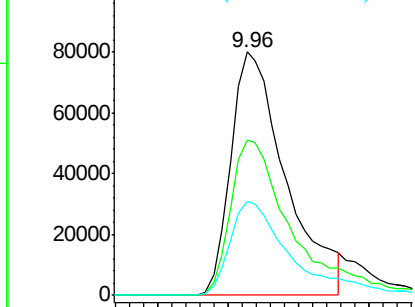
Tgt Ion:	162	Resp:	217885
Ion Ratio	Lower	Upper	
162	100		
164	63.9	46.3	86.3
98	38.5	19.2	59.2

Manual Integrations
APPROVED

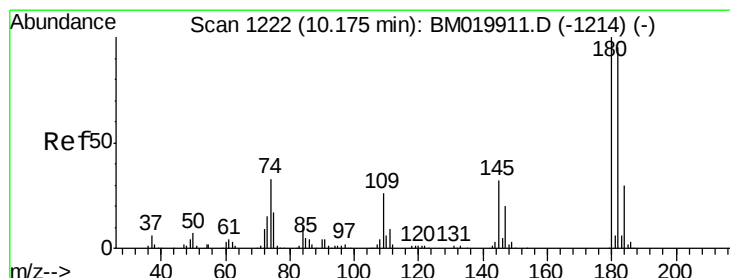
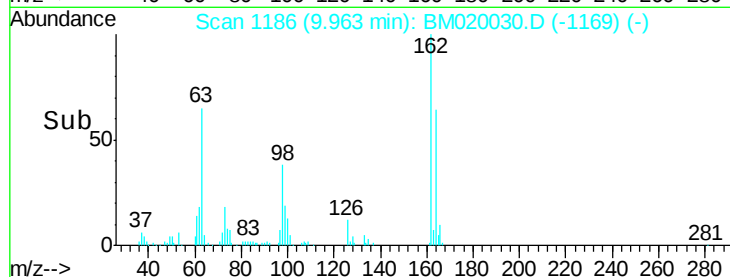
Sonni



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

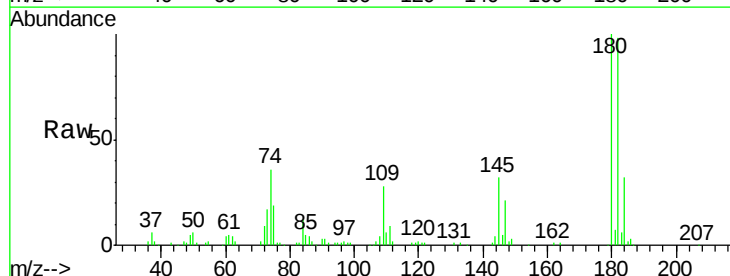


4/23/2019 4:14:01 PM

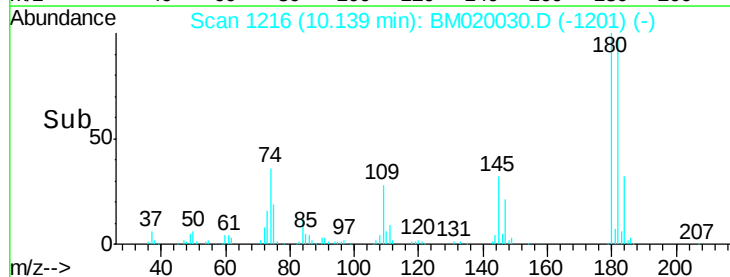
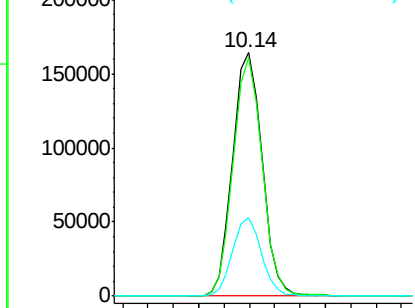


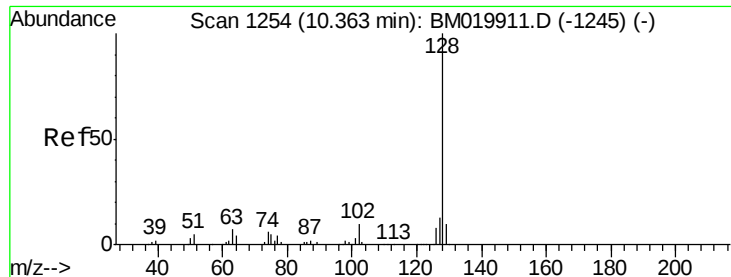
#30
1,2,4-Trichlorobenzene
Concen: 43.041 ng
RT: 10.14 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion:	180	Resp:	265091
Ion Ratio	Lower	Upper	
180	100		
182	98.1	76.3	114.5
145	32.0	25.5	38.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





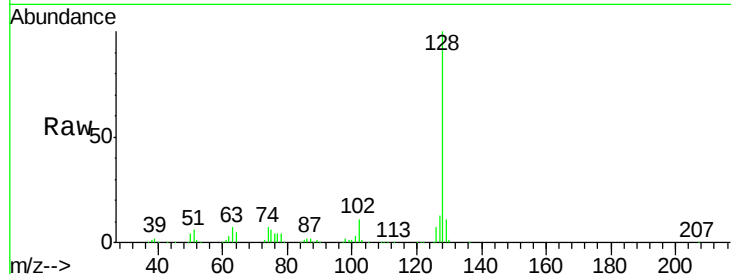
#31
Naphthalene
Concen: 41.562 ng
RT: 10.32 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

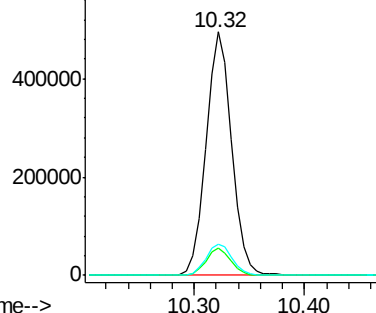
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	804767		
129	11.1	8.3	12.5	
127	12.8	10.4	15.6	

Manual Integrations
APPROVED

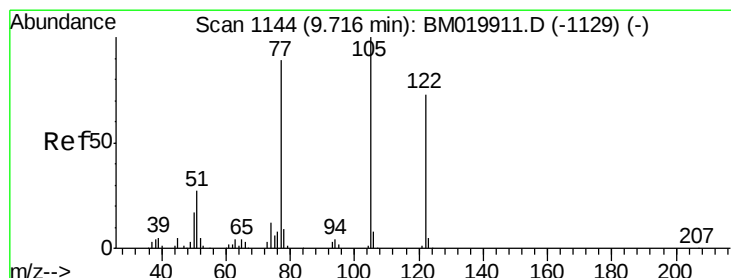
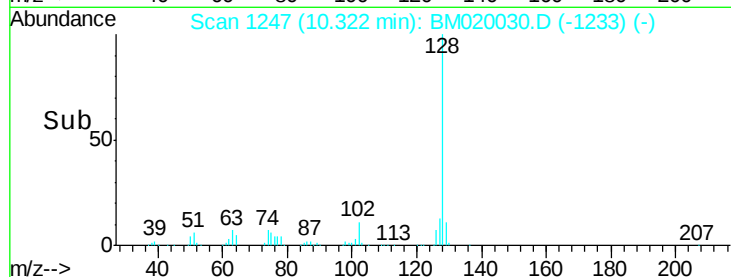
Sonni



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

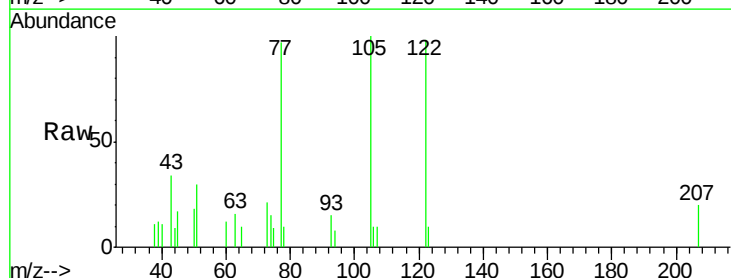


4/23/2019 4:14:01 PM

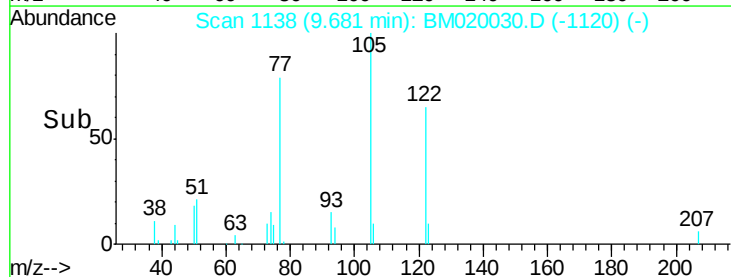
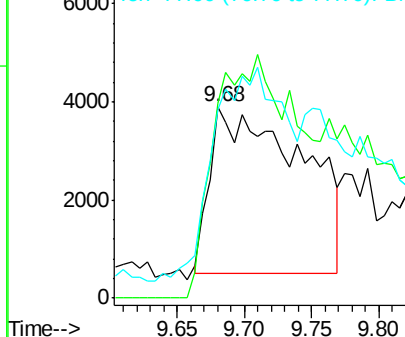


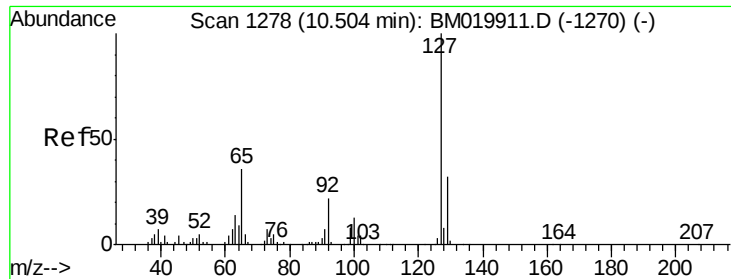
#32
Benzoic acid
Concen: 8.083 ng m
RT: 9.68 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	15971		
105	102.1	114.8	154.8#	
77	98.9	100.2	140.2#	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





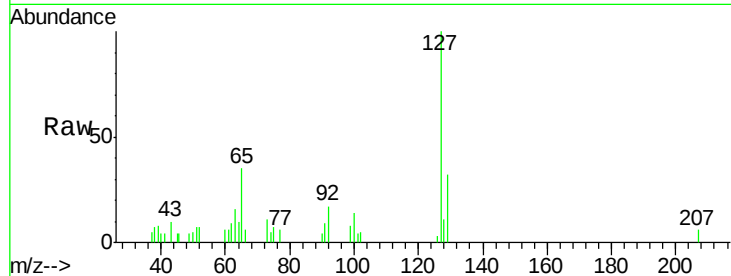
#33
4-Chloroaniline
Concen: 2.971 ng
RT: 10.51 min Scan# 1279
Delta R.T. 0.02 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	23695		
129	32.1	25.4	38.0	
65	34.9	29.2	43.8	
92	17.5	17.5	26.3	

Manual Integrations
APPROVED

Sonali



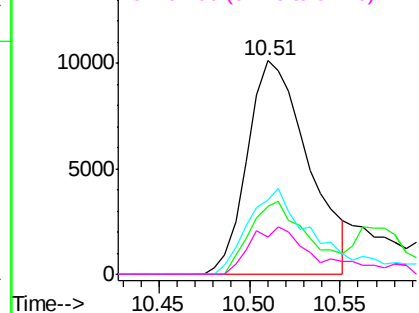
Abundance

Ion 127.00 (126.70 to 127.70): E

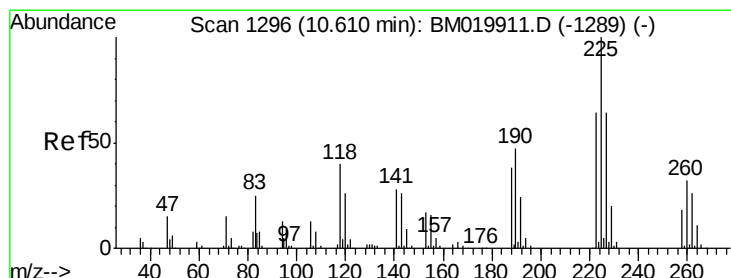
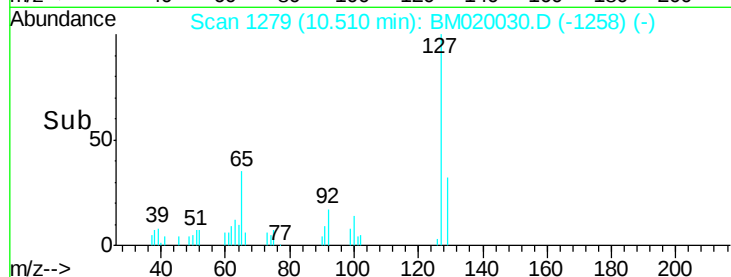
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

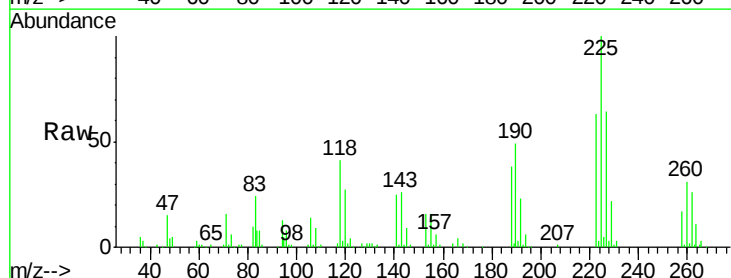


4/23/2019 4:14:01 PM



#34
Hexachlorobutadiene
Concen: 41.846 ng
RT: 10.57 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	152006		
223	63.0	51.4	77.2	
227	63.7	51.0	76.6	

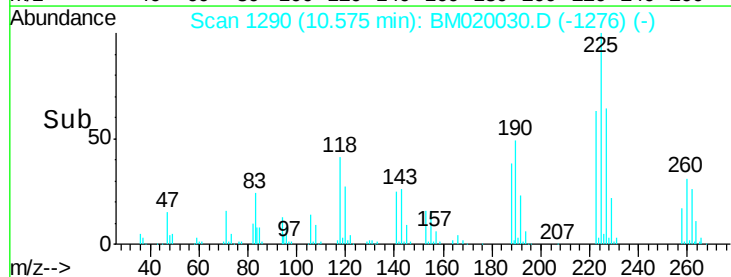
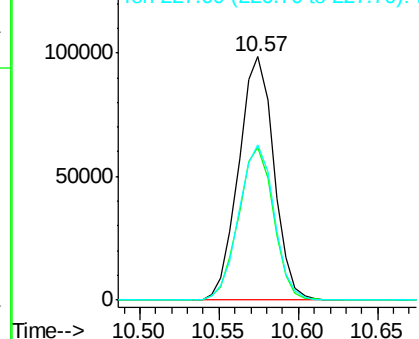


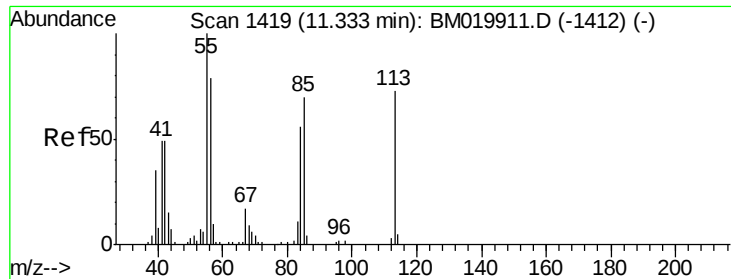
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





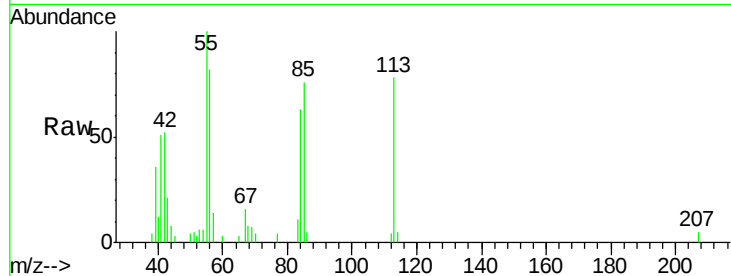
#35
 Caprolactam
 Concen: 21.597 ng m
 RT: 11.33 min Scan# 1419
 Delta R.T. 0.03 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

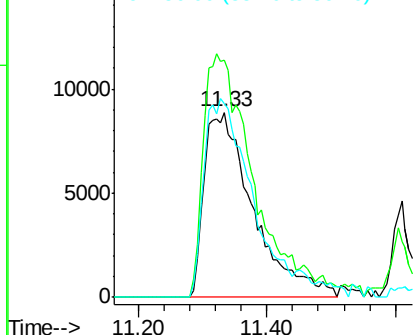
Tgt Ion:113 Resp: 46781
 Ion Ratio Lower Upper
 113 100
 55 128.6 117.1 157.1
 56 105.0 88.2 128.2

Manual Integrations
 APPROVED

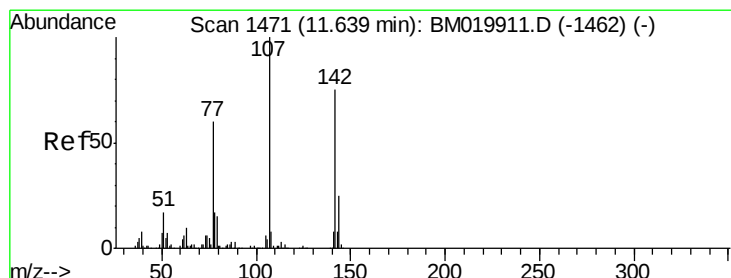
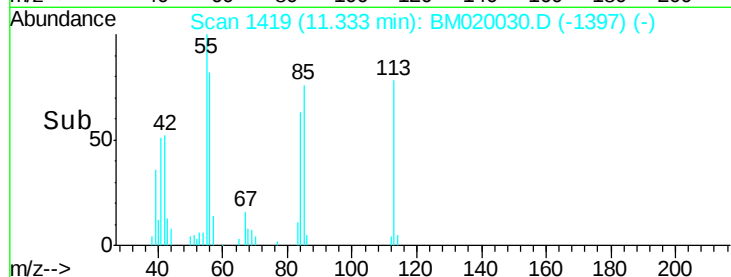
Sonali



Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BM0
 Ion 56.00 (55.70 to 56.70): BM0

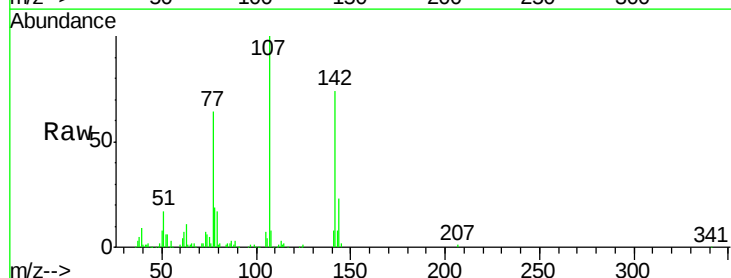


4/23/2019 4:14:01 PM

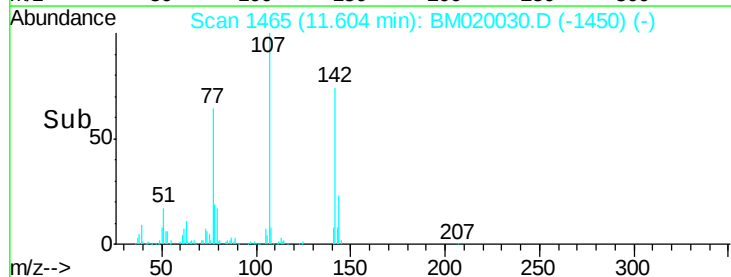
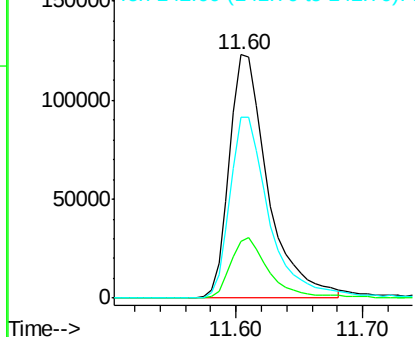


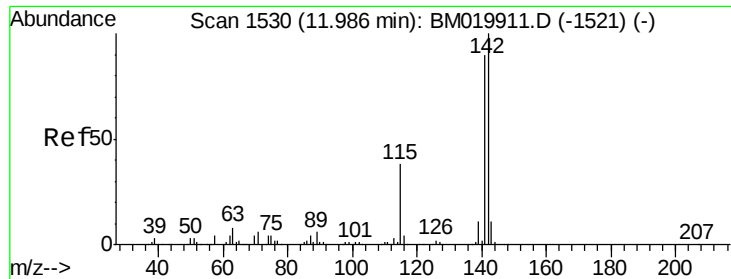
#36
 4-Chloro-3-methylphenol
 Concen: 36.549 ng
 RT: 11.60 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Tgt Ion:107 Resp: 259874
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.8 29.8
 142 74.3 60.3 90.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





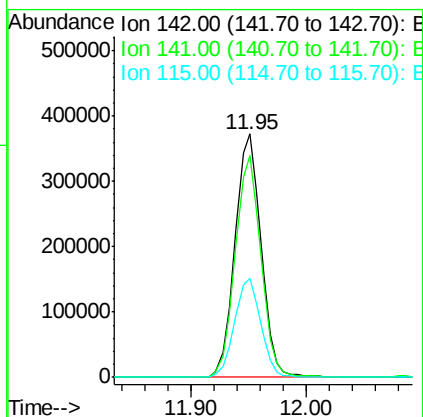
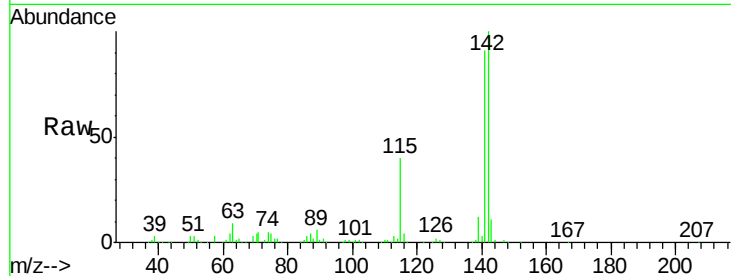
#37
2-Methylnaphthalene
Concen: 41.560 ng
RT: 11.95 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

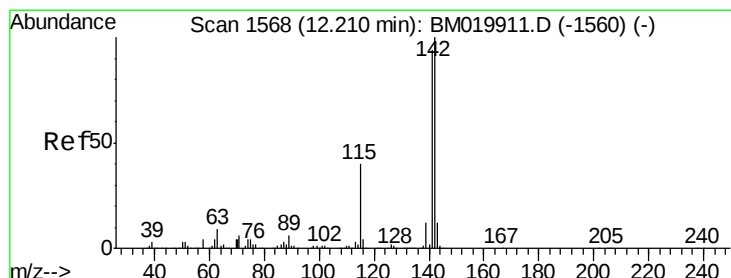
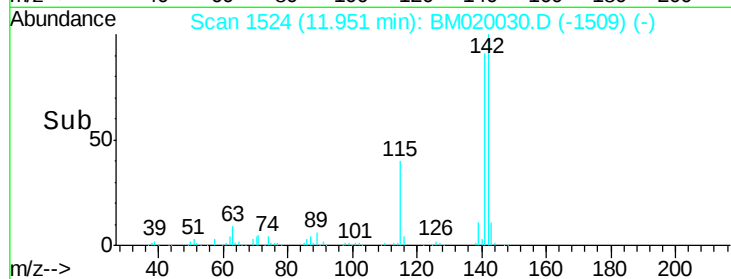
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	585865		
141	91.1	72.3	108.5	
115	40.4	30.5	45.7	

Manual Integrations
APPROVED

Sum

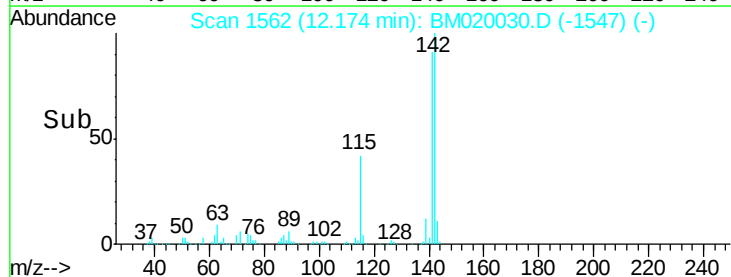
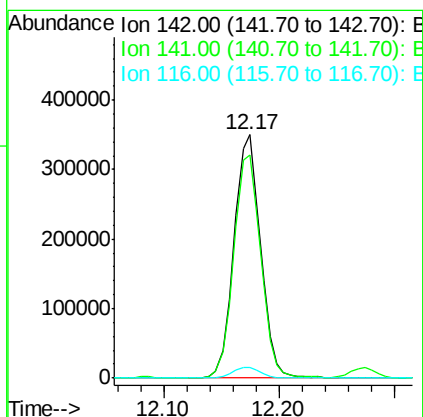
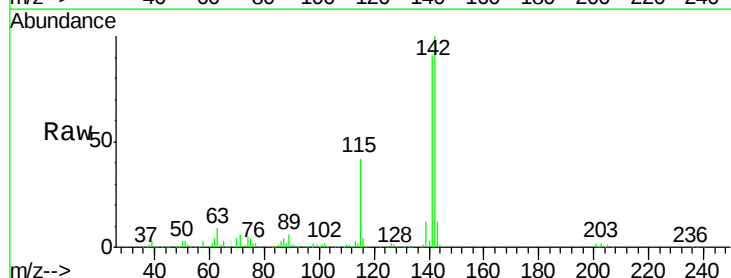


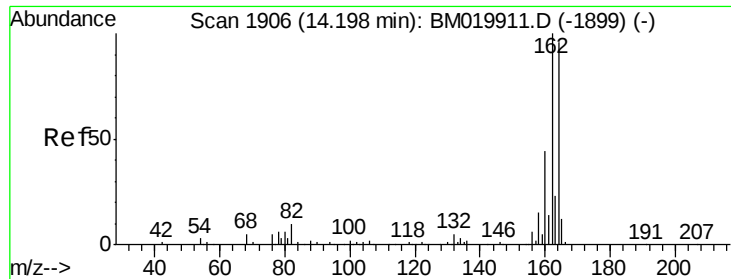
4/23/2019 4:14:01 PM



#38
1-Methylnaphthalene
Concen: 39.741 ng
RT: 12.17 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	553155		
141	91.5	75.7	113.5	
116	4.3	3.4	5.2	





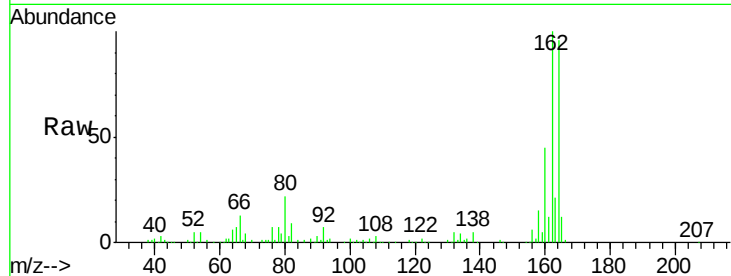
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.16 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	187649		
162	104.1	83.0	124.4	
160	46.6	36.6	55.0	

Manual Integrations
APPROVED

Sum

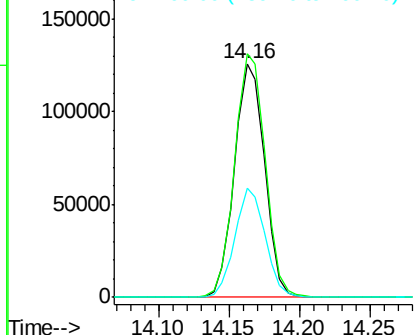


Abundance

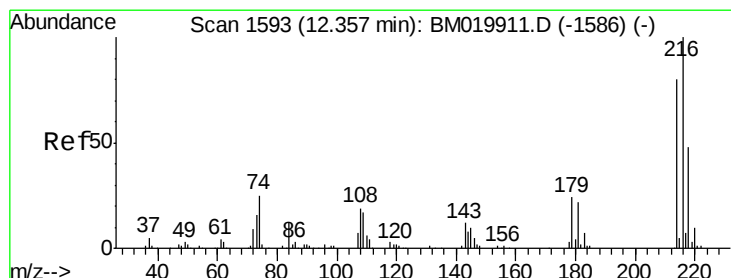
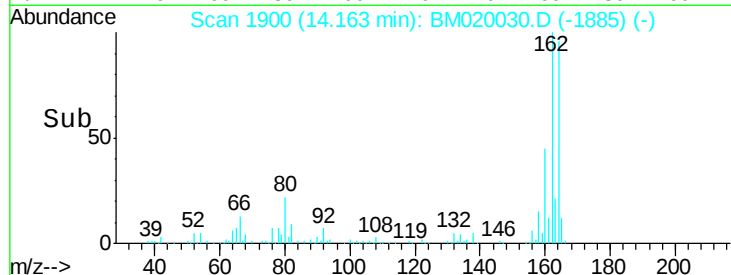
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



4/23/2019 4:14:01 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.872 ng
RT: 12.32 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	282915		
214	80.1	63.1	94.7	
179	23.3	19.0	28.6	
108	20.8	16.3	24.5	

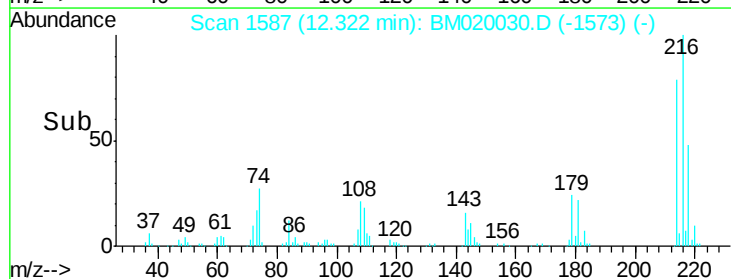
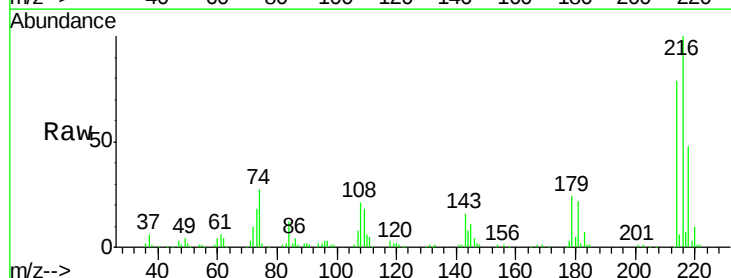
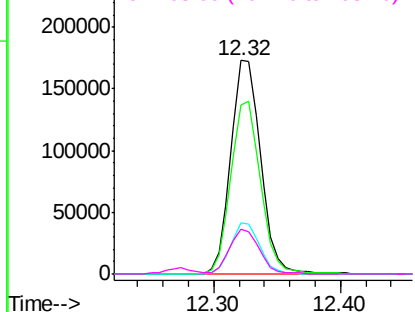
Abundance

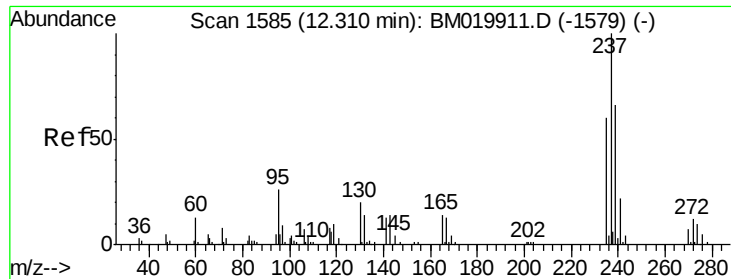
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





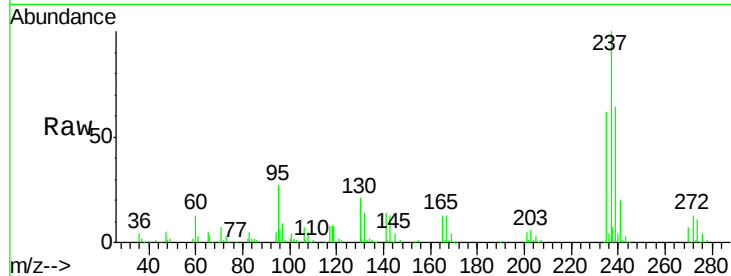
#41
Hexachlorocyclopentadiene
Concen: 76.278 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

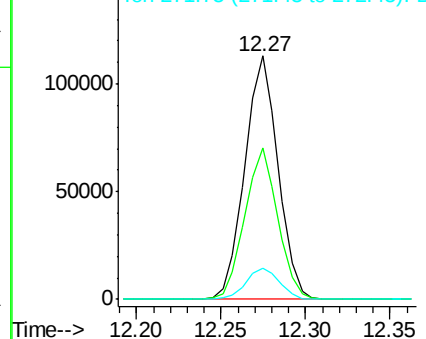
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	155028		
235	62.2	40.4	80.4	
272	12.7	0.0	32.3	

Manual Integrations
APPROVED

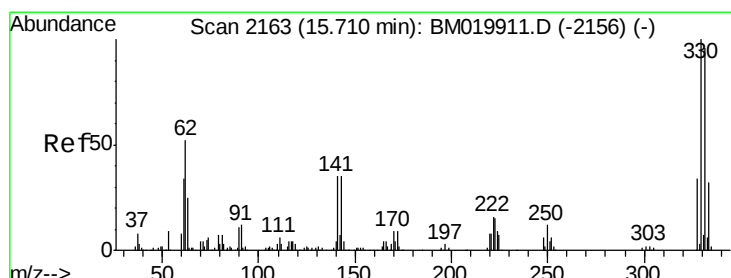
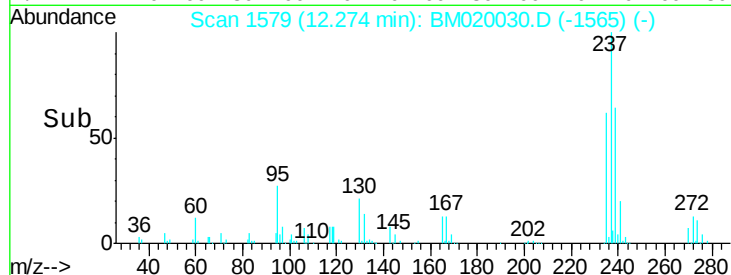
Sum



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

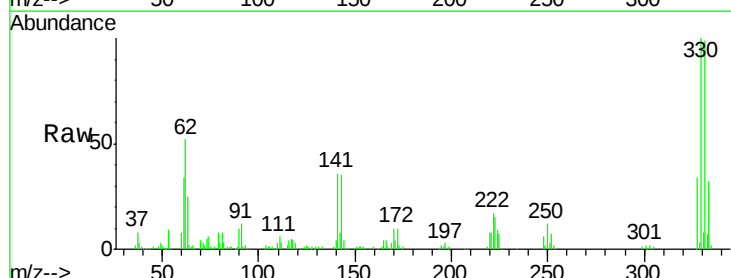


4/23/2019 4:14:01 PM

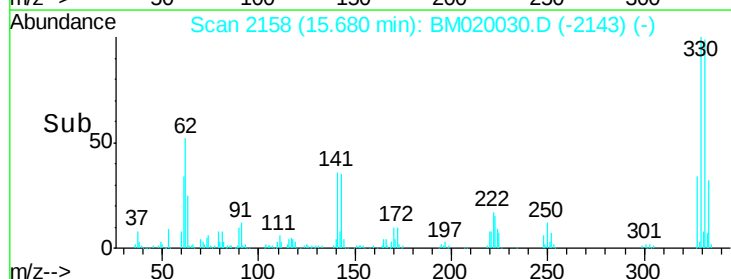
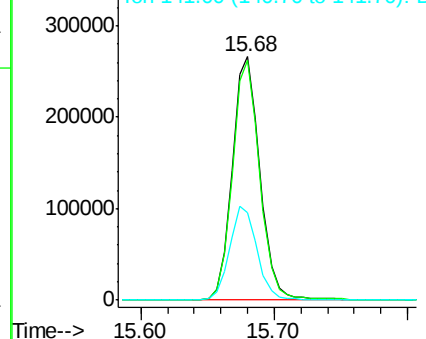


#42
2,4,6-Tribromophenol
Concen: 127.252 ng
RT: 15.68 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	384381		
332	97.3	77.4	116.2	
141	38.8	29.0	43.4	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





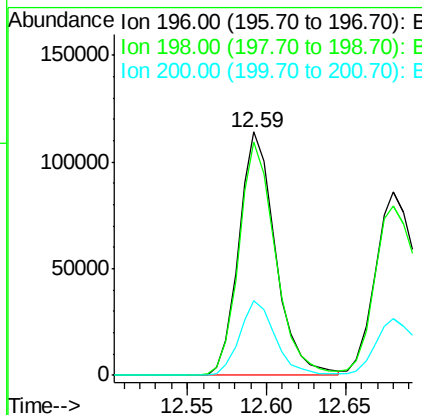
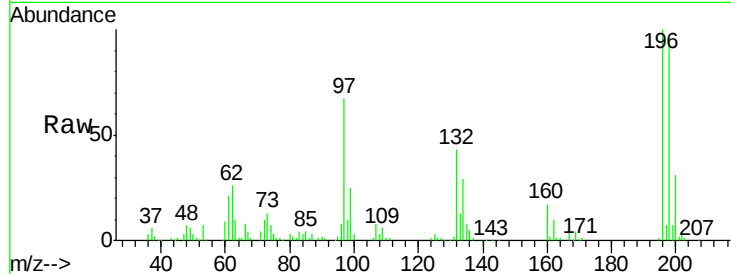
#43
 2,4,6-Trichlorophenol
 Concen: 46.571 ng
 RT: 12.59 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

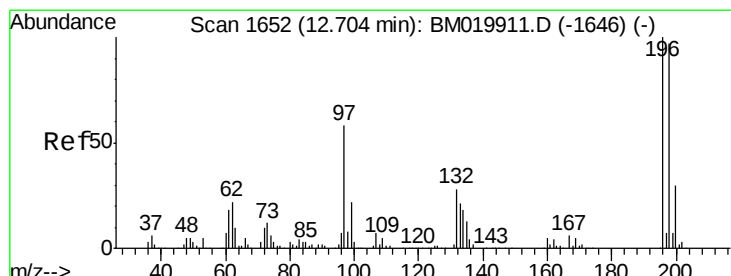
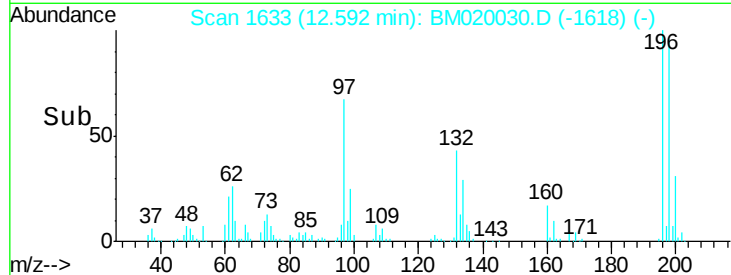
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	182775		
198	95.9	76.8	115.2	
200	30.5	24.6	37.0	

Manual Integrations
 APPROVED

Sum

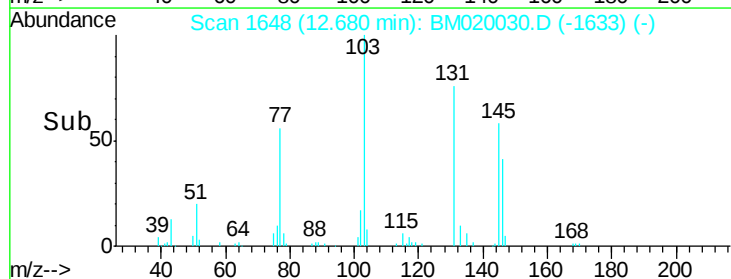
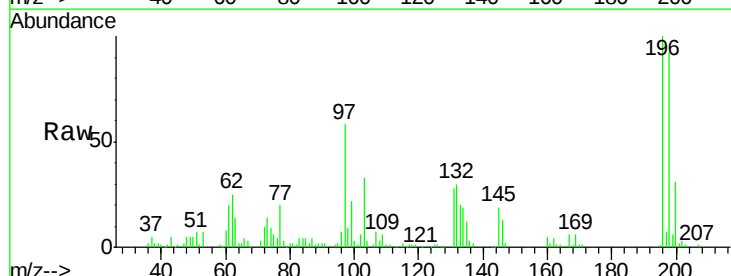
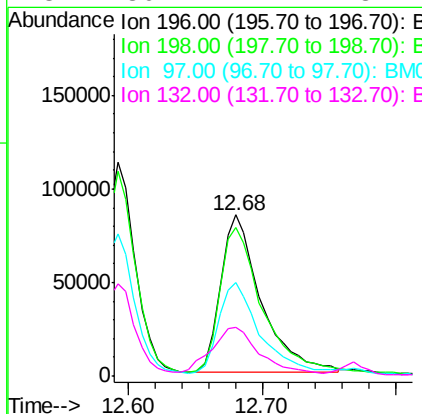


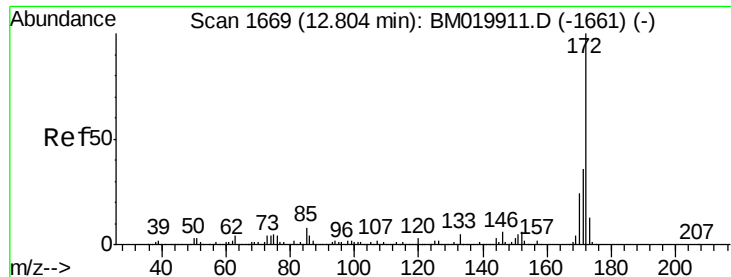
4/23/2019 4:14:01 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.195 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176442		
198	92.1	77.8	116.8	
97	57.7	46.2	69.2	
132	30.1	22.7	34.1	





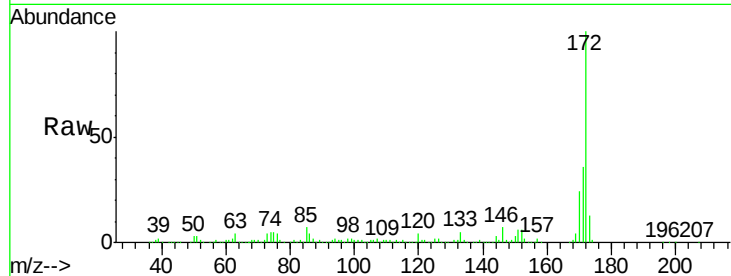
#45
 2-Fluorobiphenyl
 Concen: 93.949 ng
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

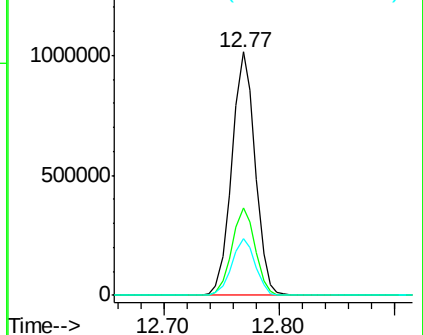
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.5	19.0	28.4

Manual Integrations
 APPROVED

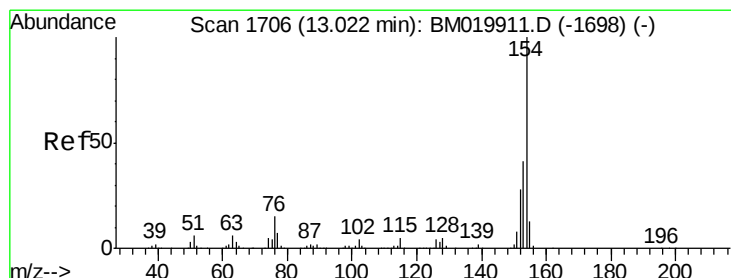
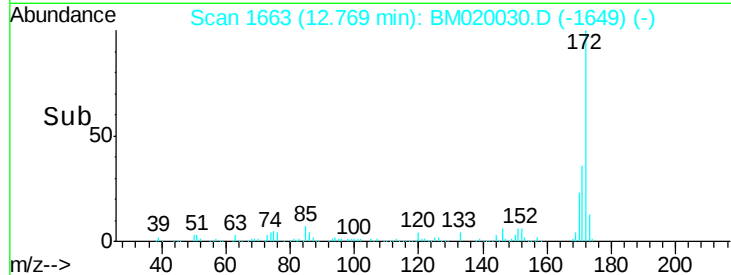
Sonni



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

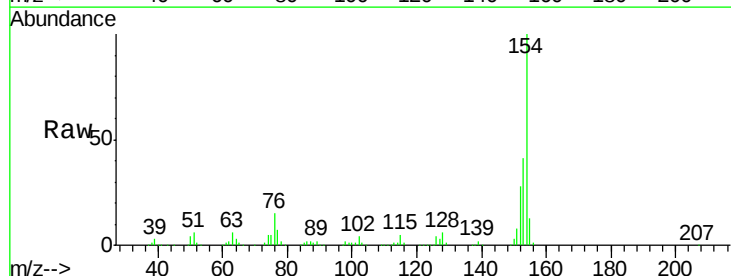


4/23/2019 4:14:01 PM

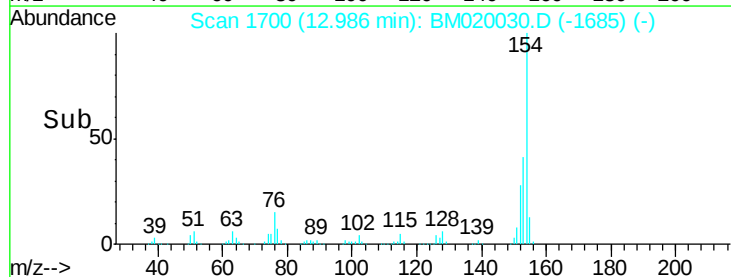
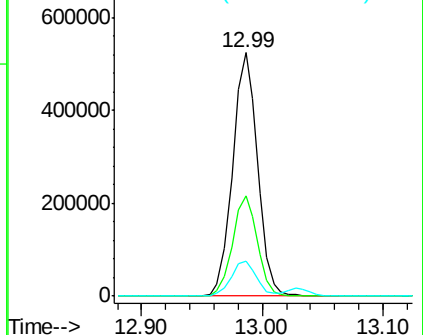


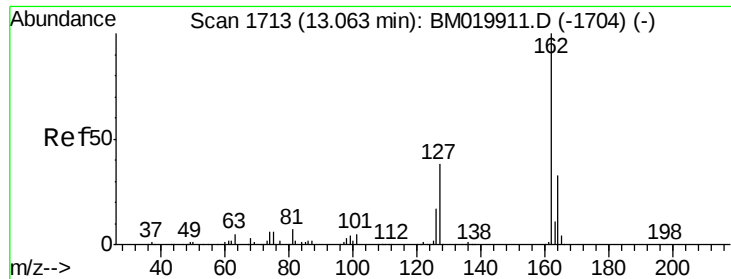
#46
 1,1'-Biphenyl
 Concen: 46.373 ng
 RT: 12.99 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.0	61.0
76	14.5	0.0	34.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM0





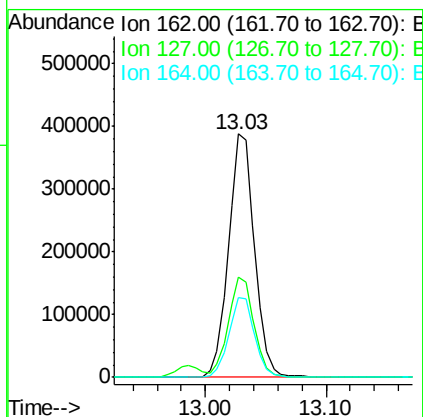
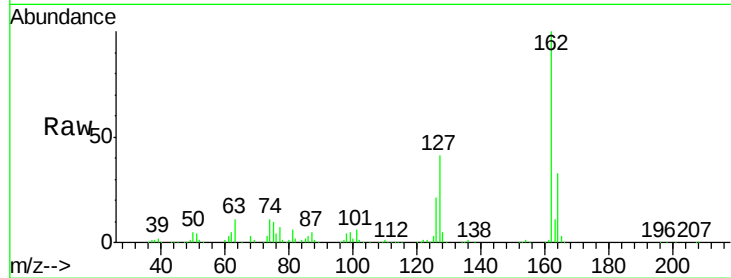
#47
 2-Chloronaphthalene
 Concen: 46.926 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

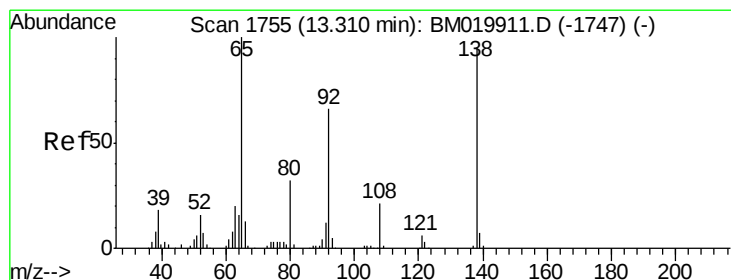
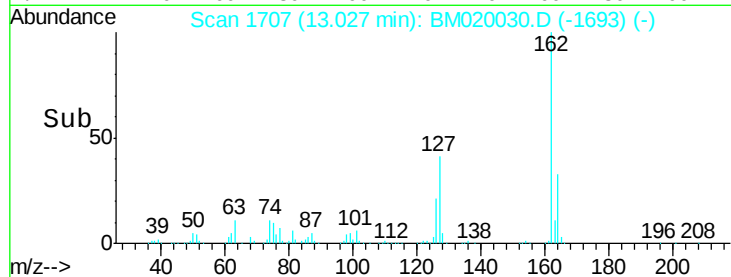
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	581756		
127	41.1	32.3	48.5	
164	32.7	26.3	39.5	

Manual Integrations
 APPROVED

Sonali

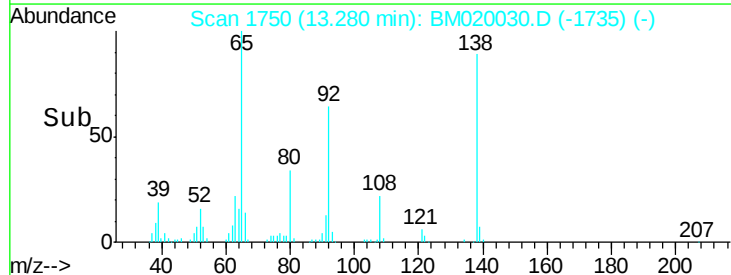
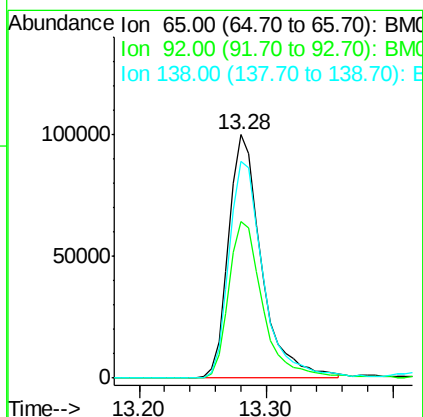
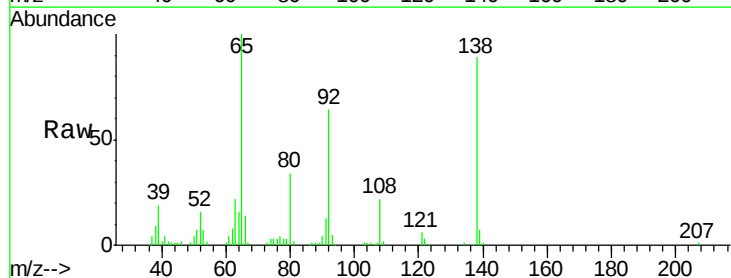


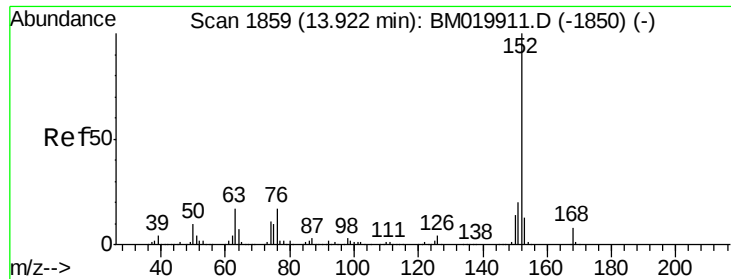
4/23/2019 4:14:01 PM



#48
 2-Nitroaniline
 Concen: 40.429 ng
 RT: 13.28 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	180660		
92	64.2	52.9	79.3	
138	89.1	75.8	113.6	





#49

Acenaphthylene

Concen: 42.255 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

Instrument :

BNA_M

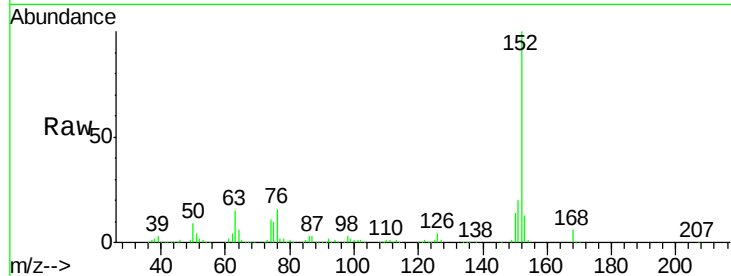
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

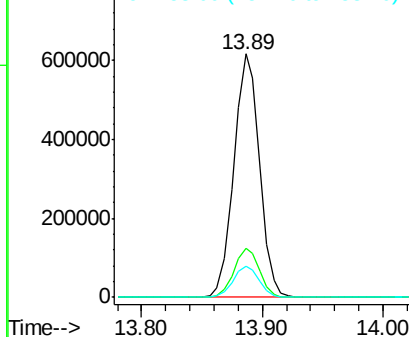
Tgt Ion:	152	Resp:	911454
Ion Ratio		Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.0	10.6	16.0

Manual Integrations
APPROVED

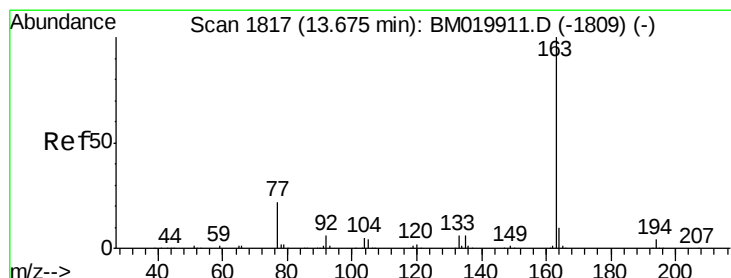
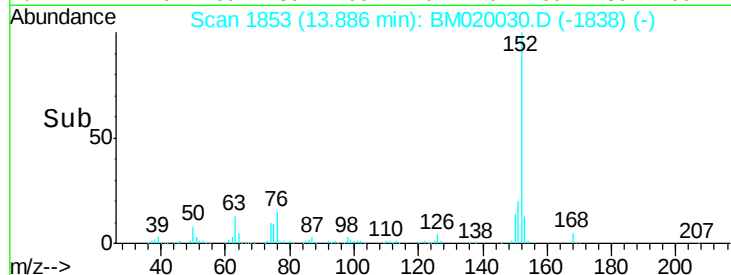
Sum



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



4/23/2019 4:14:01 PM



#50

Dimethylphthalate

Concen: 43.746 ng

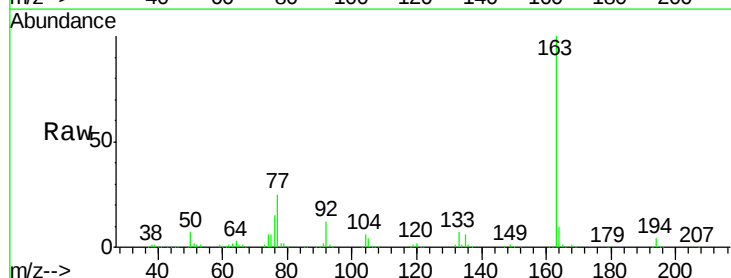
RT: 13.64 min Scan# 1811

Delta R.T. -0.01 min

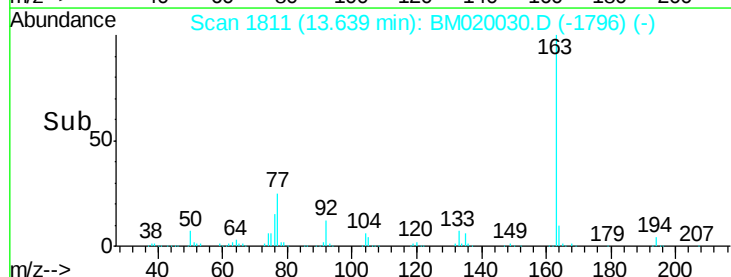
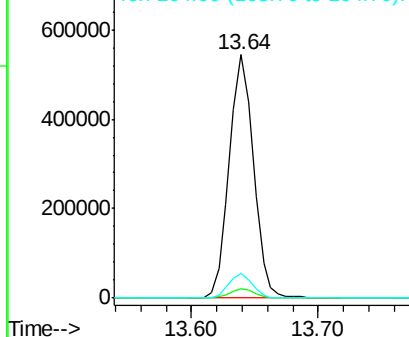
Lab File: BM020030.D

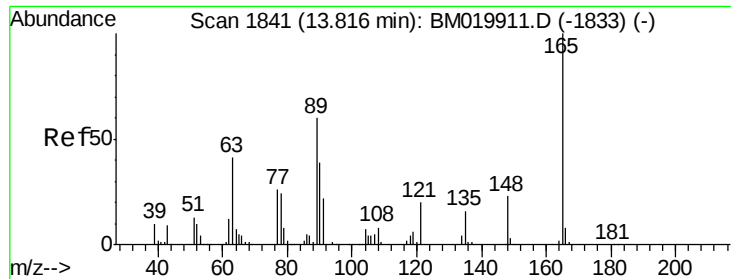
Acq: 23 Apr 2019 06:54

Tgt Ion:	163	Resp:	724074
Ion Ratio		Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.9	7.9	11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





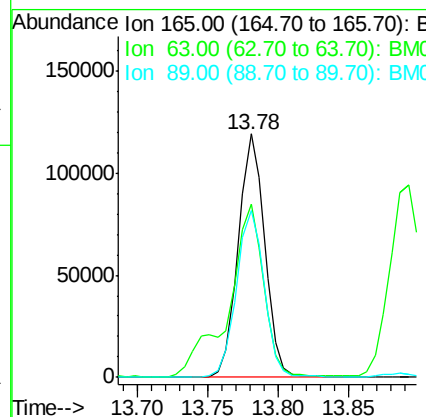
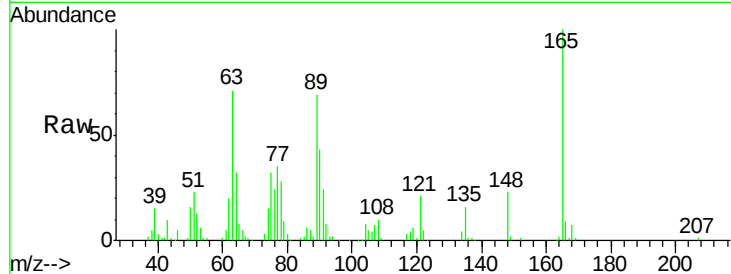
#51
 2,6-Dinitrotoluene
 Concen: 42.734 ng
 RT: 13.78 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

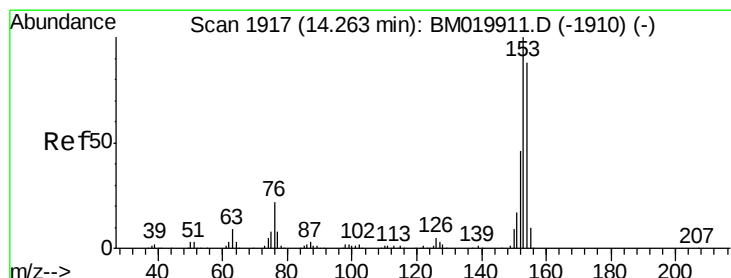
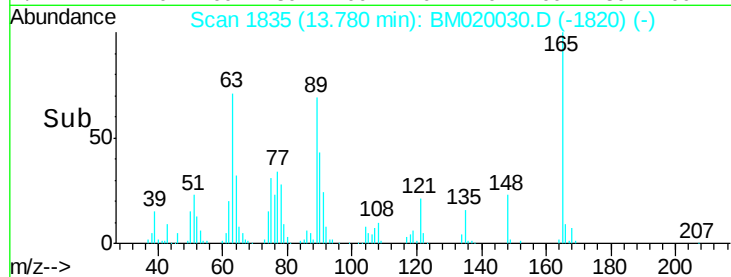
Tgt Ion:	165	Resp:	156409
Ion Ratio	Lower	Upper	
165	100		
63	71.3	48.5	72.7
89	68.7	48.2	72.4

Manual Integrations
 APPROVED

Shim

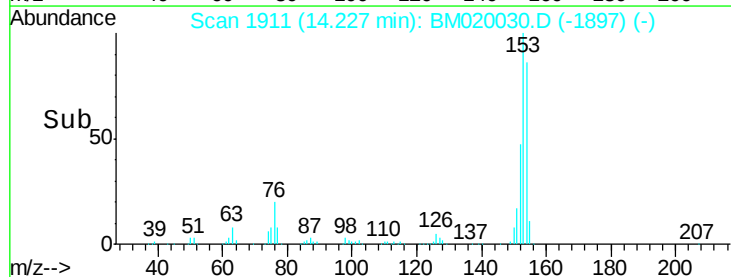
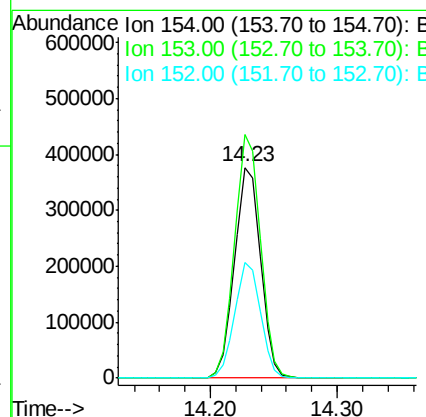
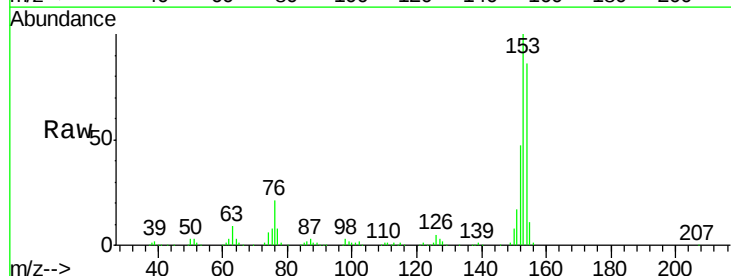


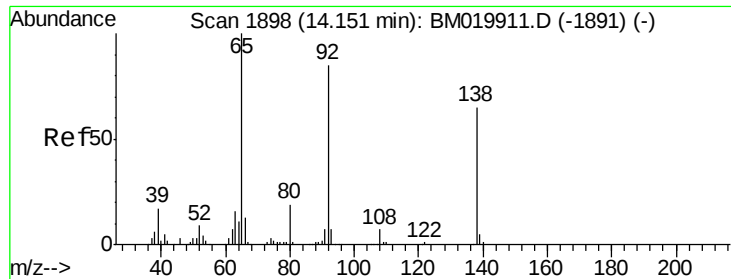
4/23/2019 4:14:01 PM



#52
 Acenaphthene
 Concen: 44.666 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Tgt Ion:	154	Resp:	534199
Ion Ratio	Lower	Upper	
154	100		
153	115.7	91.0	136.4
152	54.7	42.2	63.2





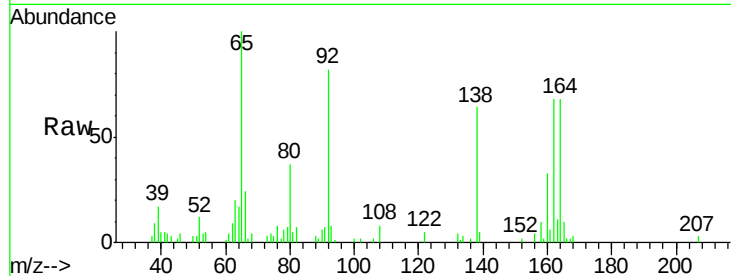
#53
3-Nitroaniline
Concen: 9.760 ng
RT: 14.14 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

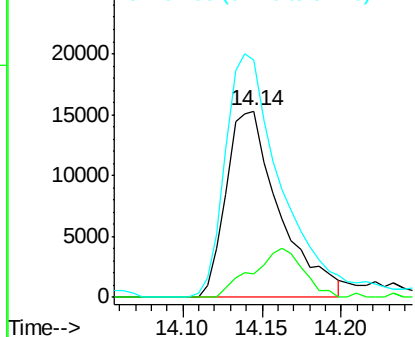
Tgt Ion:138 Resp: 35670
Ion Ratio Lower Upper
138 100
108 12.4 8.9 13.3
92 127.3 103.8 155.8

Manual Integrations
APPROVED

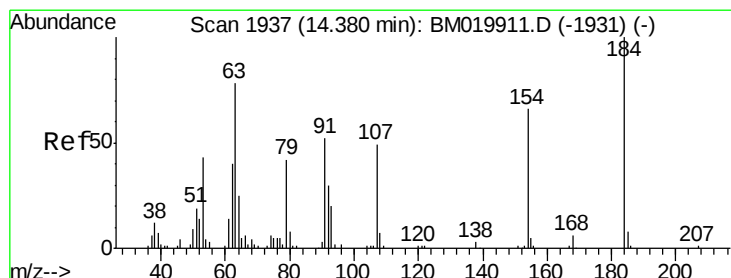
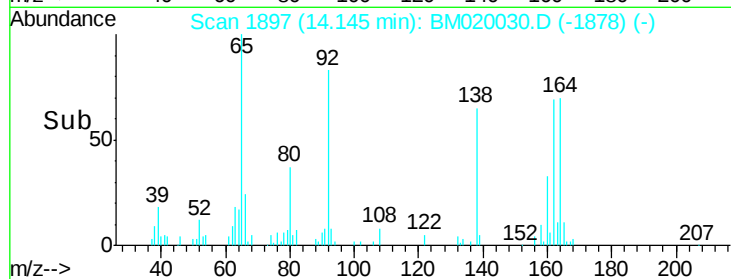
Shih



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

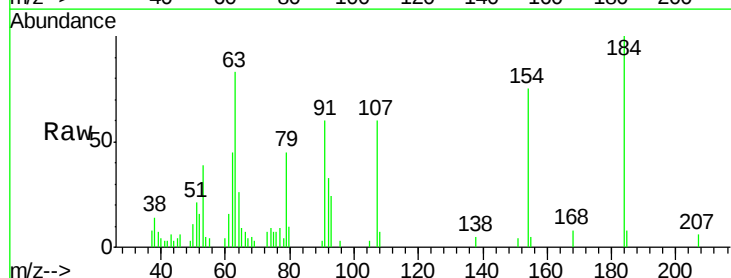


4/23/2019 4:14:01 PM

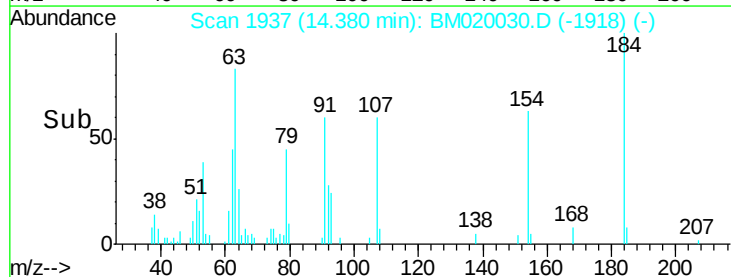
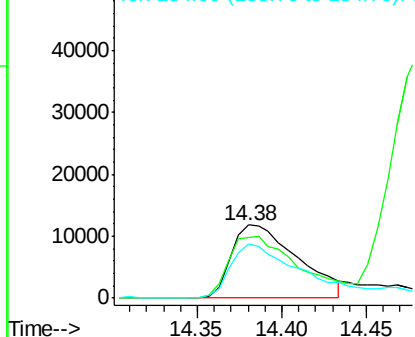


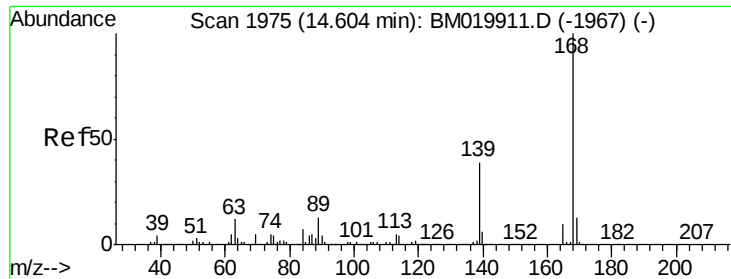
#54
2,4-Dinitrophenol
Concen: 20.878 ng
RT: 14.38 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion:184 Resp: 32306
Ion Ratio Lower Upper
184 100
63 83.0 62.3 93.5
154 74.5 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





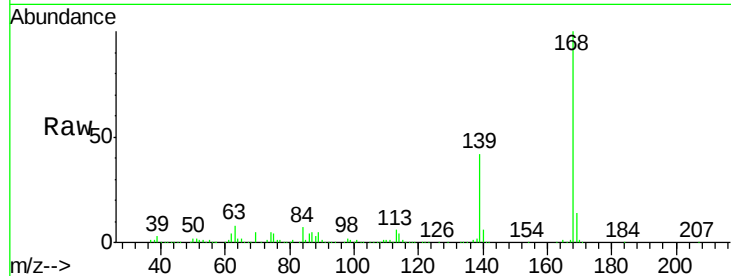
#55
Dibenzenofuran
Concen: 44.677 ng
RT: 14.57 min Scan# 1969
Delta R.T. -0.02 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

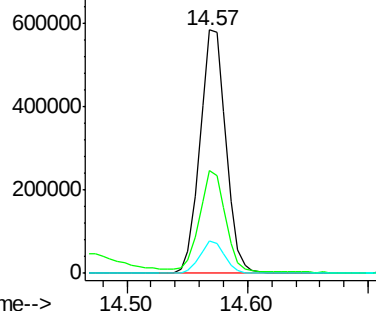
Tgt Ion	Ratio	Resp	Lower	Upper
168	100	873768		
139	42.3	31.5	47.3	
169	13.6	10.6	16.0	

Manual Integrations
APPROVED

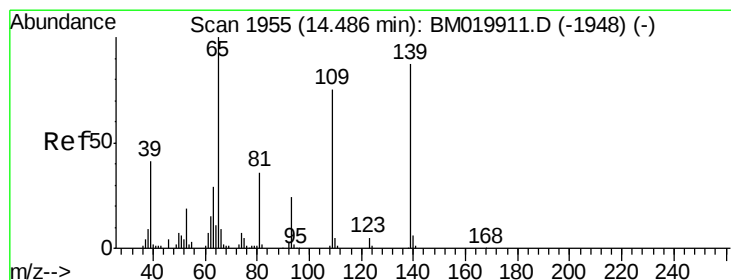
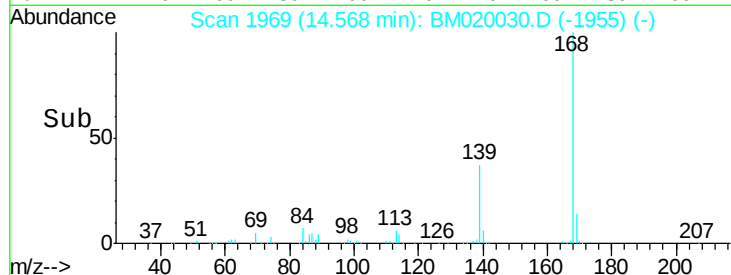
Sonni



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

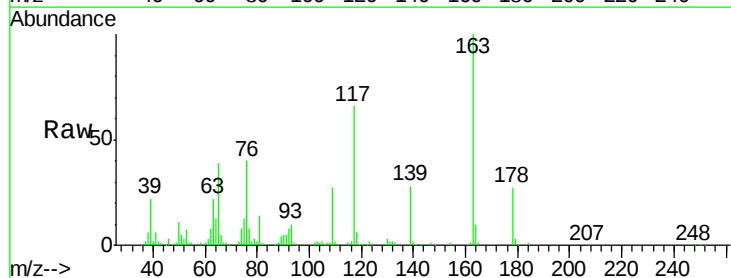


4/23/2019 4:14:01 PM

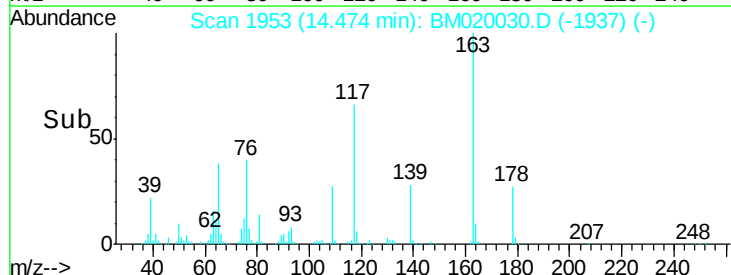
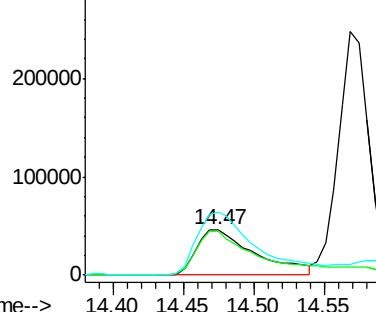


#56
4-Nitrophenol
Concen: 49.037 ng
RT: 14.47 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	134354		
109	96.5	65.3	105.3	
65	139.3	94.9	134.9#	



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0





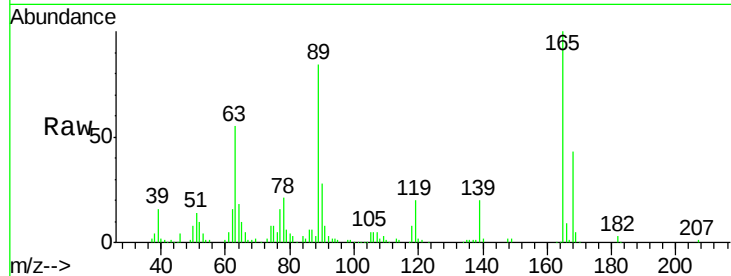
#57
 2,4-Dinitrotoluene
 Concen: 40.287 ng
 RT: 14.59 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

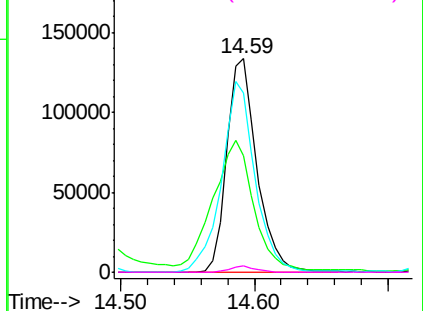
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	211957		
63	54.5	46.0	69.0	
89	84.0	67.5	101.3	
182	3.0	2.4	3.6	

Manual Integrations
 APPROVED

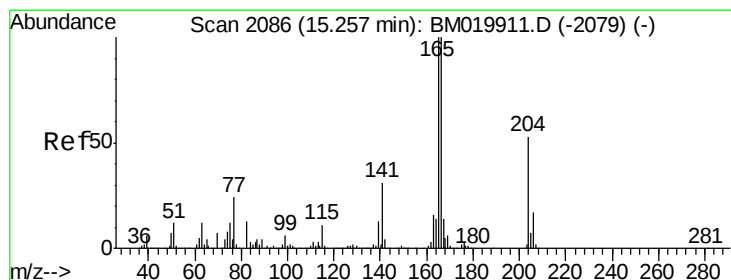
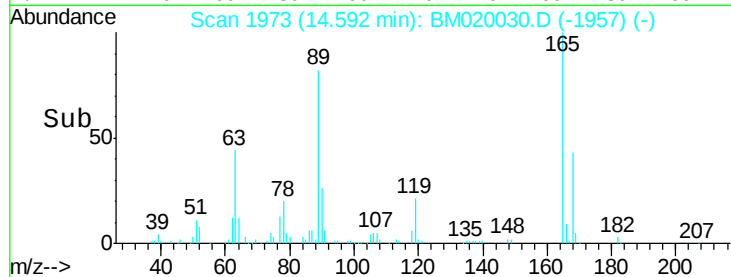
Sonni



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

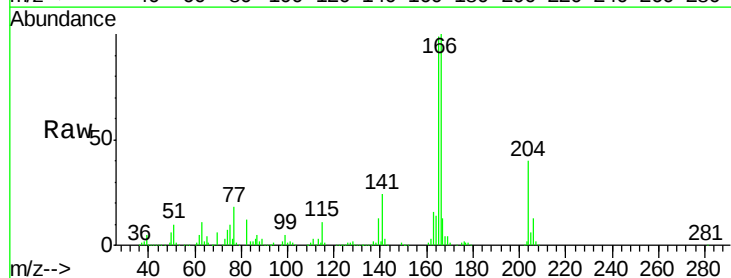


4/23/2019 4:14:01 PM

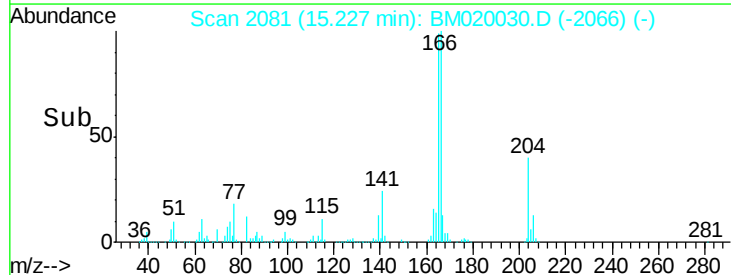
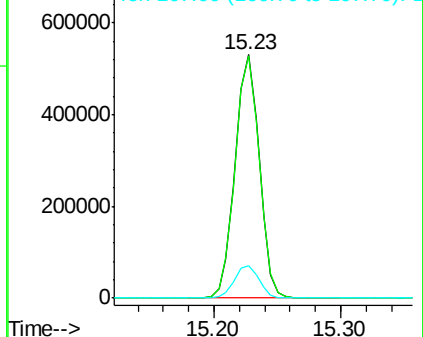


#58
 Fluorene
 Concen: 42.156 ng
 RT: 15.23 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	698602		
165	99.4	80.1	120.1	
167	13.3	11.0	16.4	



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





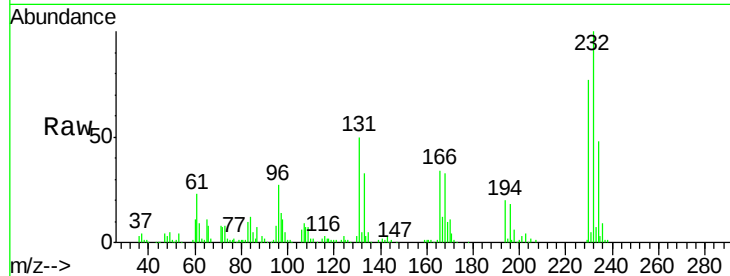
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.178 ng
RT: 14.82 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

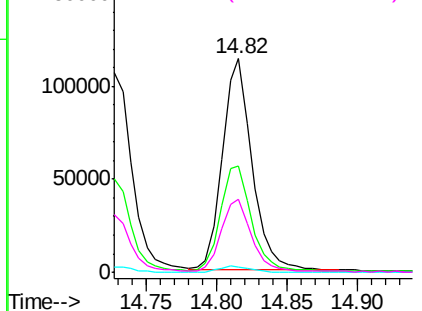
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	164657		
131	52.4	42.1	63.1	
130	2.9	2.2	3.4	
166	34.9	28.1	42.1	

Manual Integrations
APPROVED

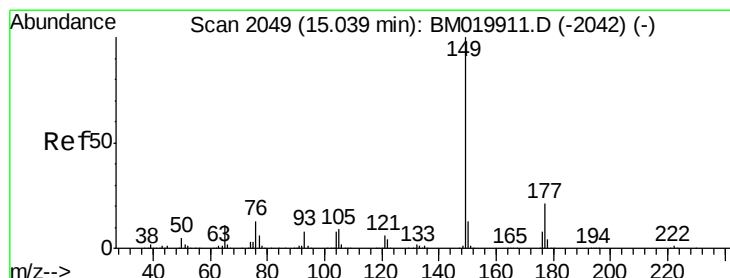
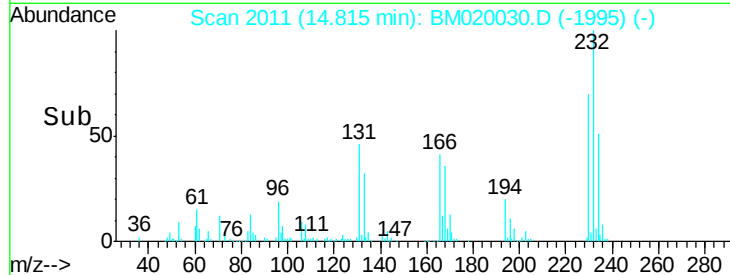
Sonali



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

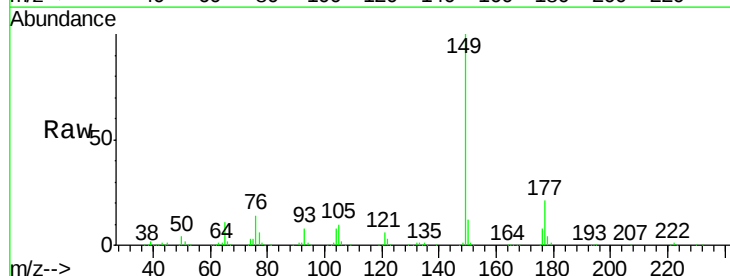


4/23/2019 4:14:01 PM

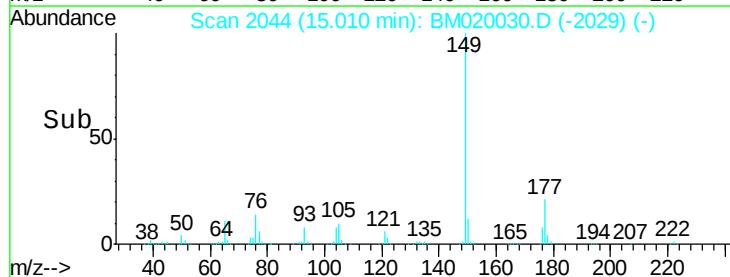
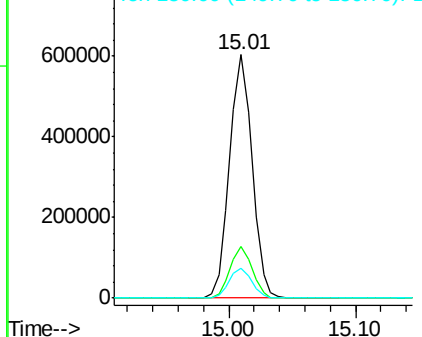


#60
Diethylphthalate
Concen: 43.228 ng
RT: 15.01 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	744143		
177	21.0	16.6	25.0	
150	12.5	10.0	15.0	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





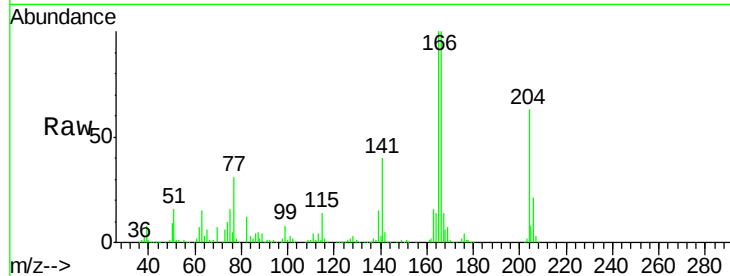
#61
 4-Chlorophenyl-phenylether
 Concen: 44.166 ng
 RT: 15.22 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

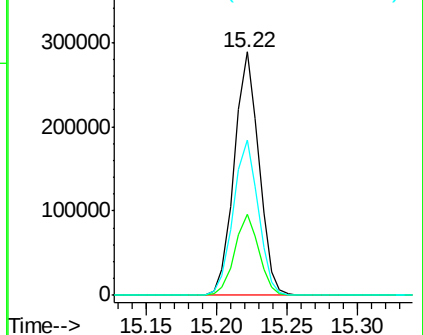
Tgt Ion:	204	Resp:	352391
Ion Ratio	Lower	Upper	
204	100		
206	33.0	25.8	38.8
141	63.8	47.0	70.4

Manual Integrations
 APPROVED

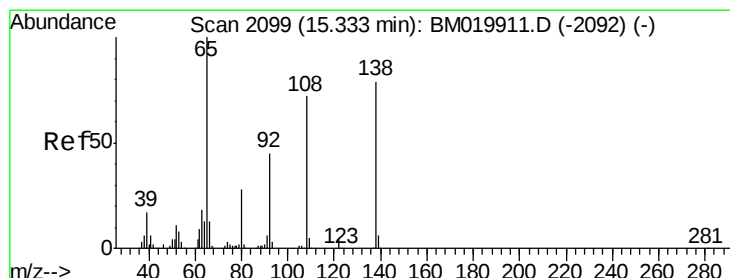
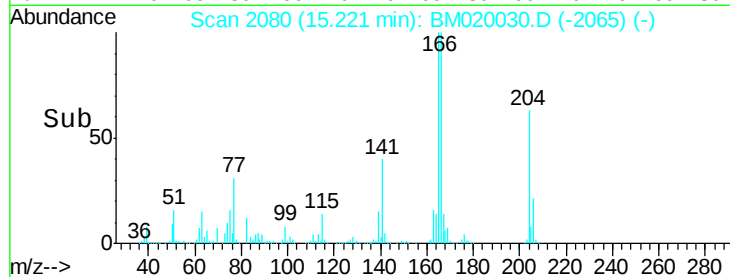
Sonali



Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

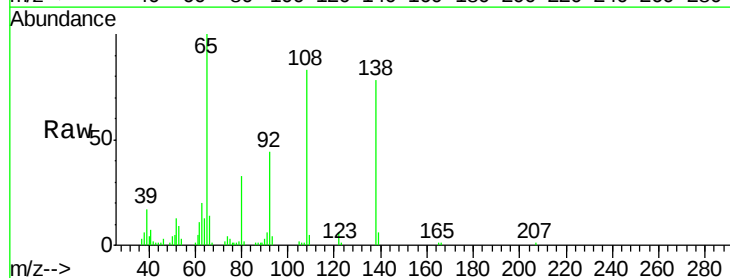


4/23/2019 4:14:01 PM

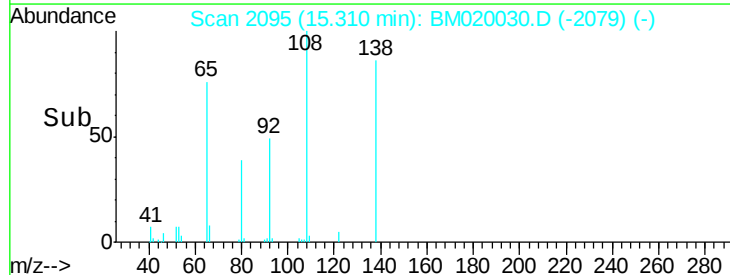
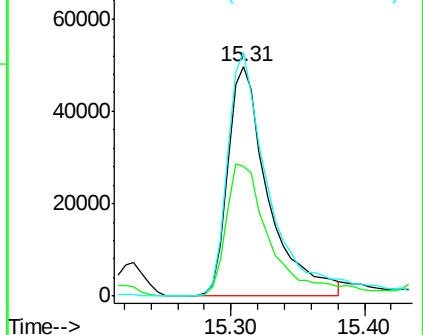


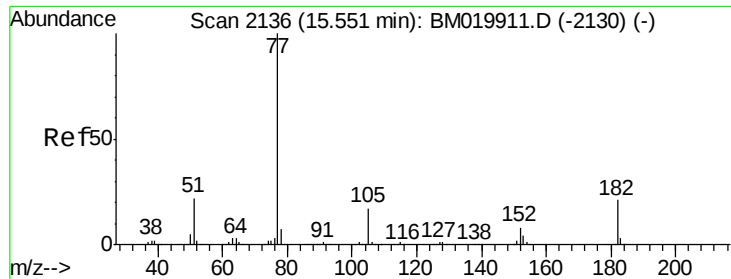
#62
 4-Nitroaniline
 Concen: 29.168 ng
 RT: 15.31 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Tgt Ion:	138	Resp:	105028
Ion Ratio	Lower	Upper	
138	100		
92	56.3	36.8	76.8
108	106.2	71.5	111.5



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E





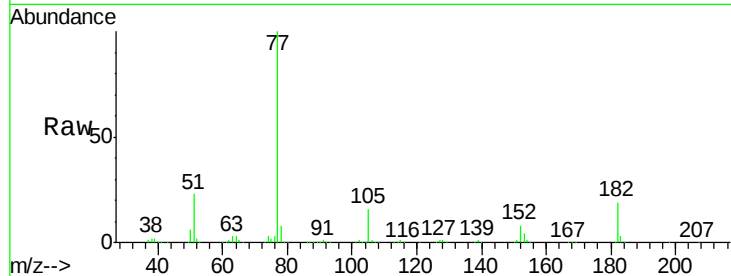
#63
Azobenzene
Concen: 44.272 ng
RT: 15.52 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.2	1.0	41.0
105	16.4	0.0	37.1
51	23.4	2.1	42.1

Manual Integrations
APPROVED

Sonali

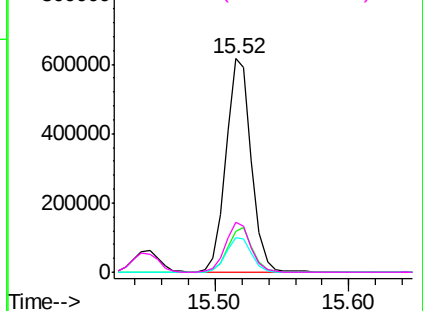


Abundance Ion 77.00 (76.70 to 77.70): BM019911.D (-2130) (-)

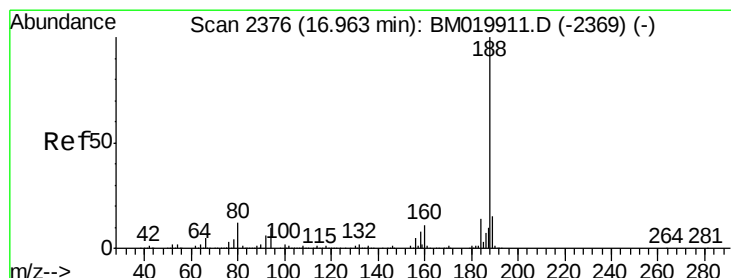
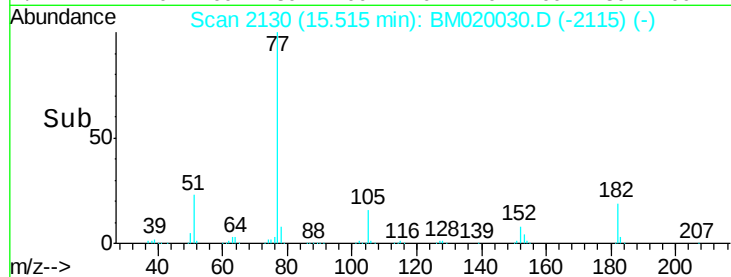
Ion 182.00 (181.70 to 182.70): BM019911.D (-2130) (-)

Ion 105.00 (104.70 to 105.70): BM019911.D (-2130) (-)

Ion 51.00 (50.70 to 51.70): BM019911.D (-2130) (-)



4/23/2019 4:14:01 PM



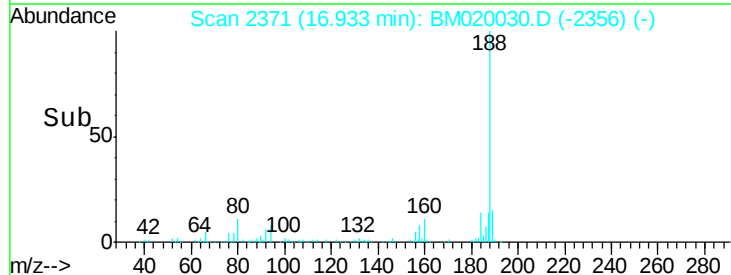
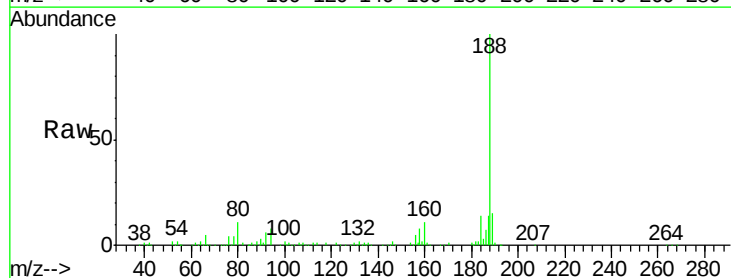
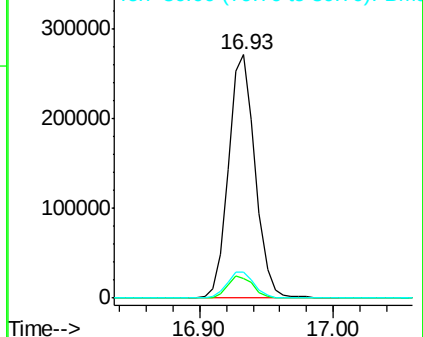
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

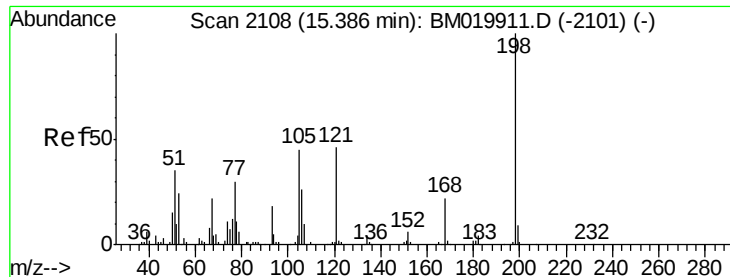
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.6	11.4
80	10.6	9.4	14.0

Abundance Ion 188.00 (187.70 to 188.70): BM019911.D (-2369) (-)

Ion 94.00 (93.70 to 94.70): BM019911.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BM019911.D (-2369) (-)





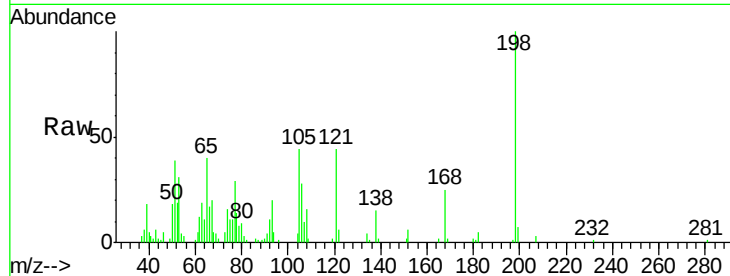
#65
 4,6-Dinitro-2-methylphenol
 Concen: 19.228 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. 0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

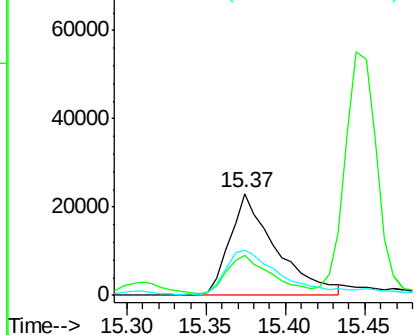
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	46602		
51	39.3	17.9	57.9	
105	44.4	26.1	66.1	

Manual Integrations
 APPROVED

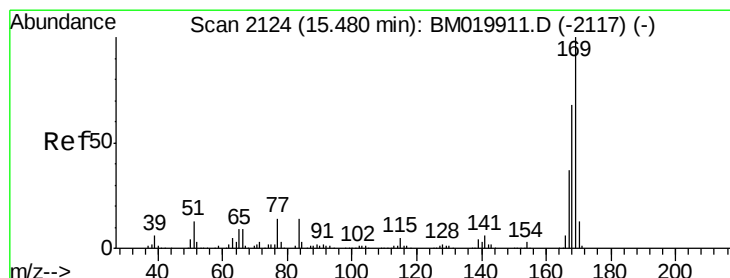
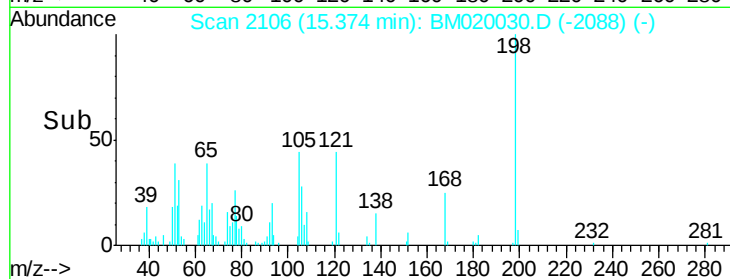
Sum



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM0
 Ion 105.00 (104.70 to 105.70): E

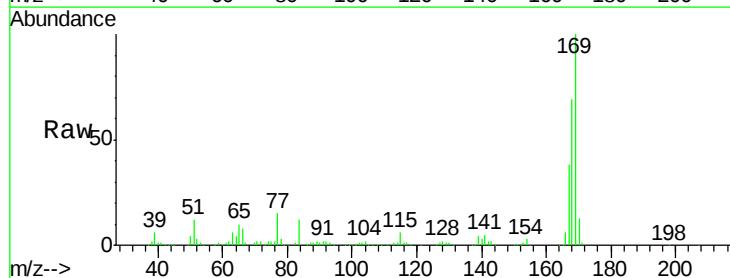


4/23/2019 4:14:01 PM

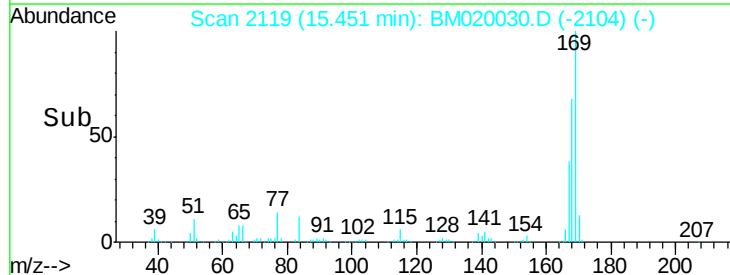
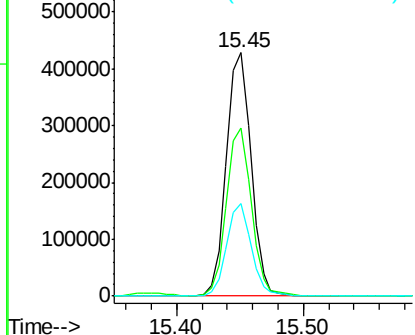


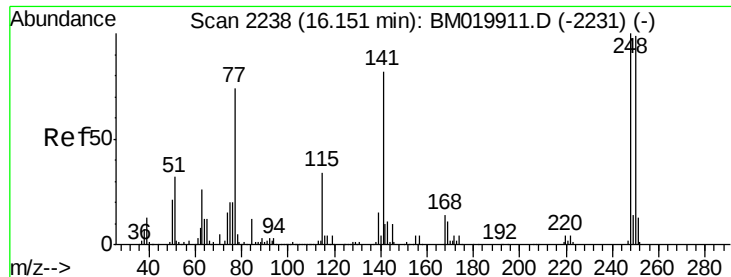
#66
 n-Nitrosodiphenylamine
 Concen: 46.770 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	580807		
168	69.0	54.7	82.1	
167	37.9	29.4	44.0	



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





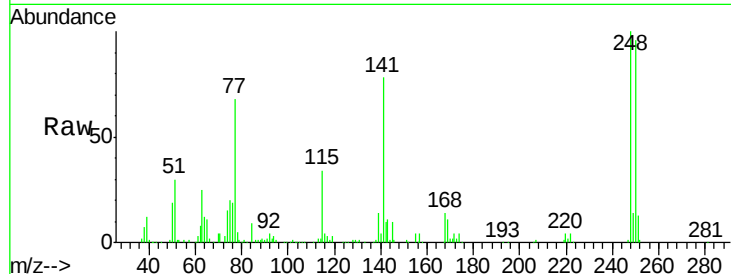
#67
4-Bromophenyl-phenylether
Concen: 46.718 ng
RT: 16.12 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

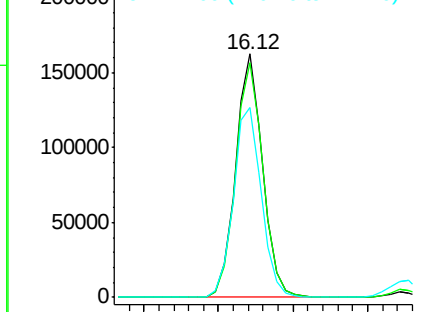
Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.1	78.9	118.3	
141	78.2	65.6	98.4	

Manual Integrations
APPROVED

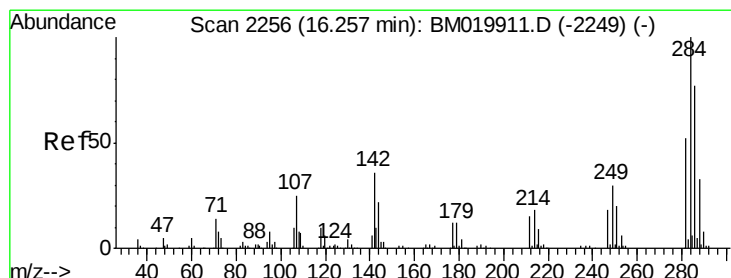
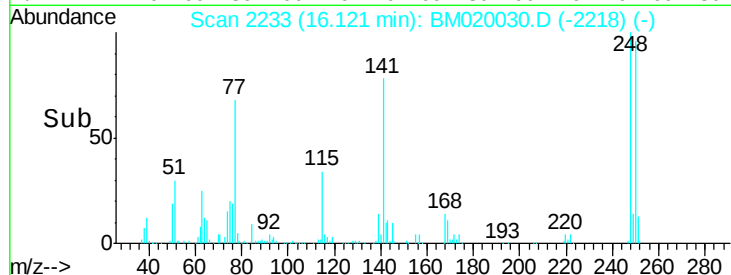
Sonni



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

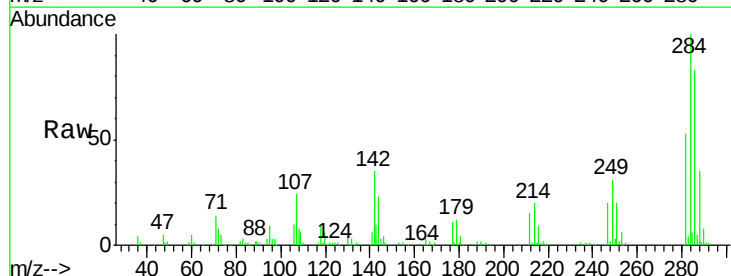


4/23/2019 4:14:01 PM

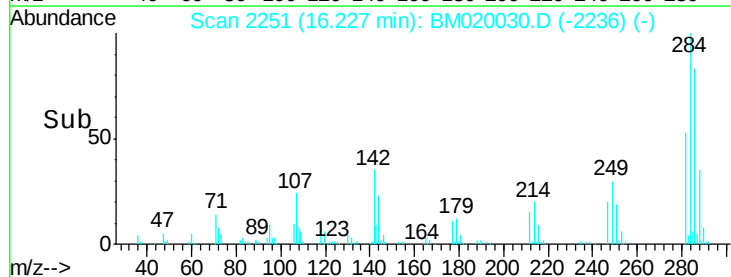
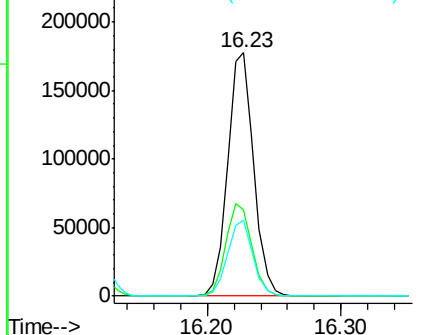


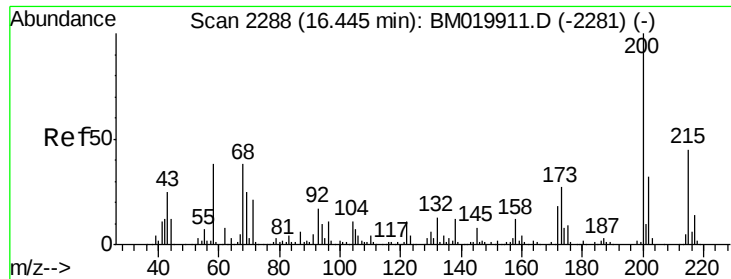
#68
Hexachlorobenzene
Concen: 46.152 ng
RT: 16.23 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
284	100			
142	35.4	28.9	43.3	
249	31.0	23.8	35.6	



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





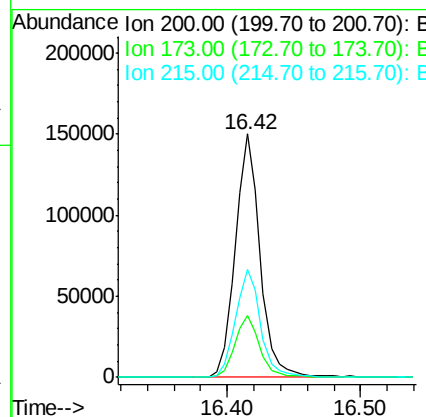
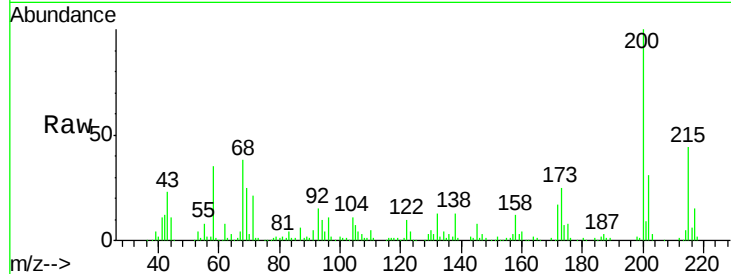
#69
 Atrazine
 Concen: 46.190 ng
 RT: 16.42 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

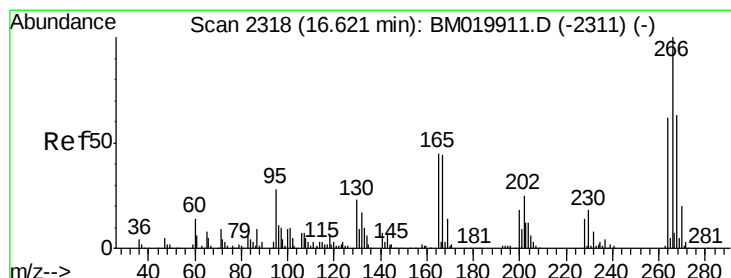
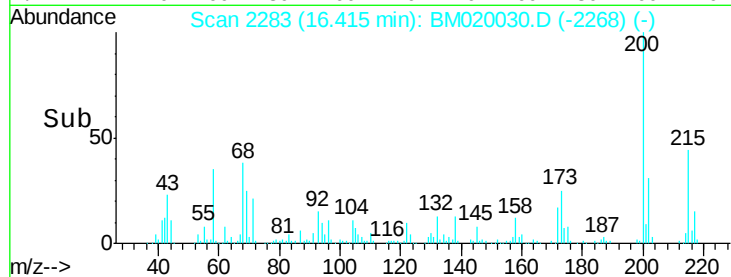
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	194724		
173	25.3	7.2	47.2	
215	44.4	25.4	65.4	

Manual Integrations
 APPROVED

Sum

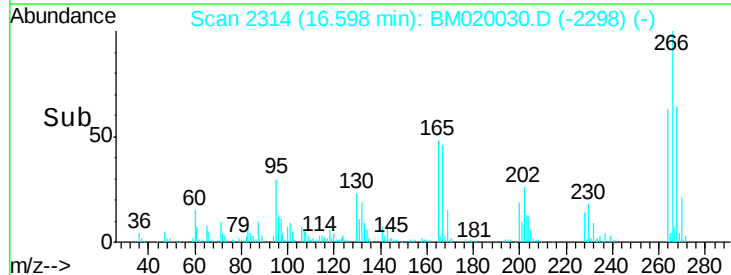
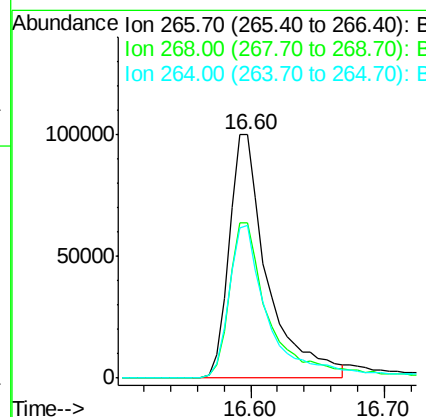
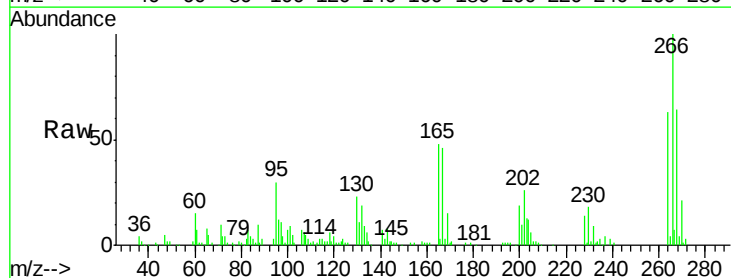


4/23/2019 4:14:01 PM



#70
 Pentachlorophenol
 Concen: 75.204 ng
 RT: 16.60 min Scan# 2314
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	201354		
268	63.6	50.3	75.5	
264	62.5	49.8	74.8	





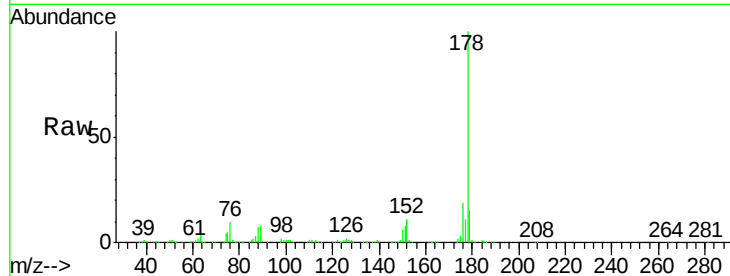
#71
Phenanthrene
Concen: 45.266 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

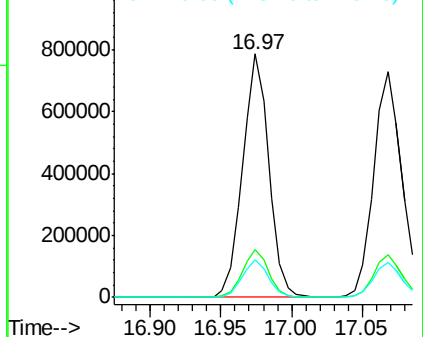
Tgt Ion:178 Resp: 1020377
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.3 12.2 18.4

Manual Integrations
APPROVED

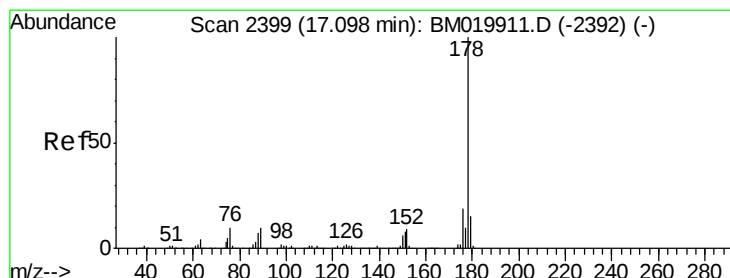
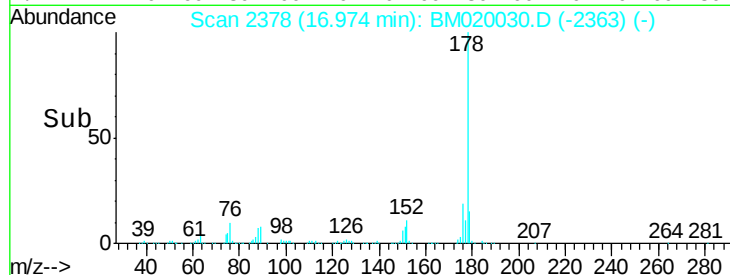
Shm



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

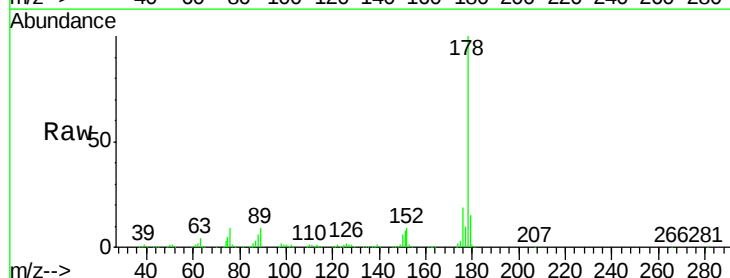


4/23/2019 4:14:01 PM

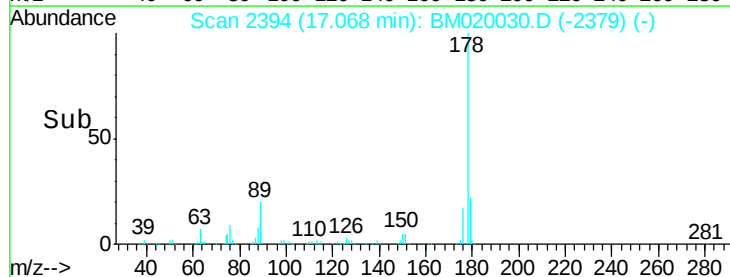
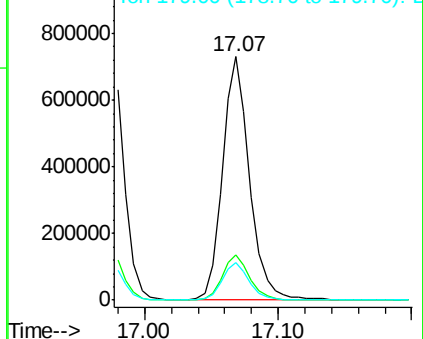


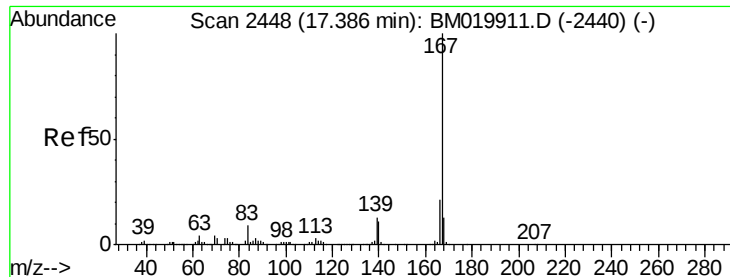
#72
Anthracene
Concen: 45.480 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion:178 Resp: 1020513
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





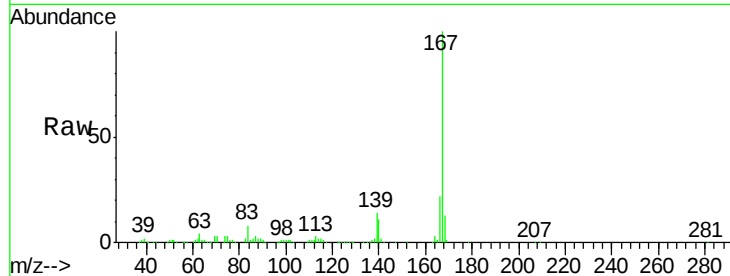
#73
 Carbazole
 Concen: 42.834 ng
 RT: 17.36 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

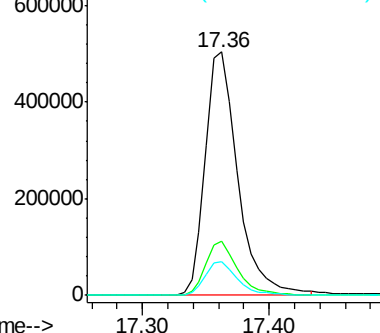
Tgt Ion	Ratio	Resp	Lower	Upper
167	100	897356		
166	22.0		17.2	25.8
139	14.0		10.7	16.1

Manual Integrations
 APPROVED

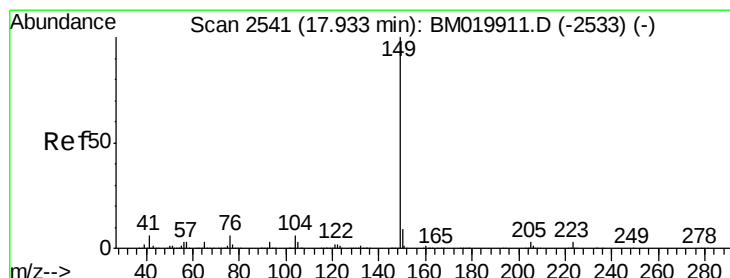
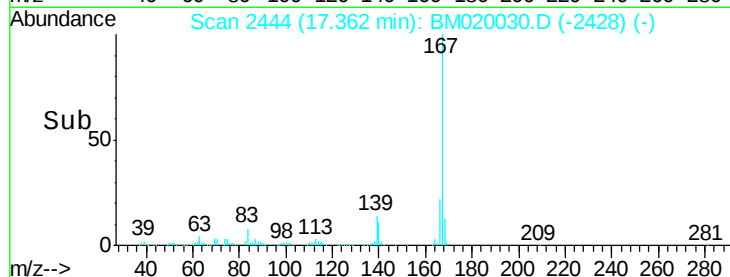
Sum



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

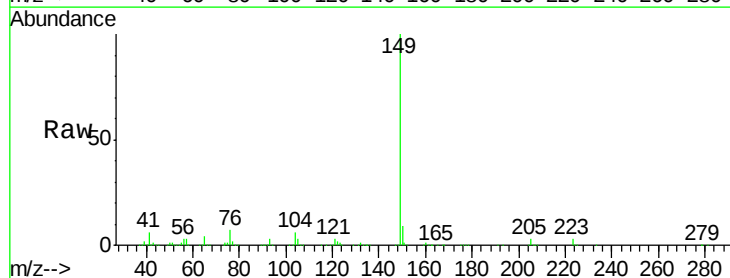


4/23/2019 4:14:01 PM

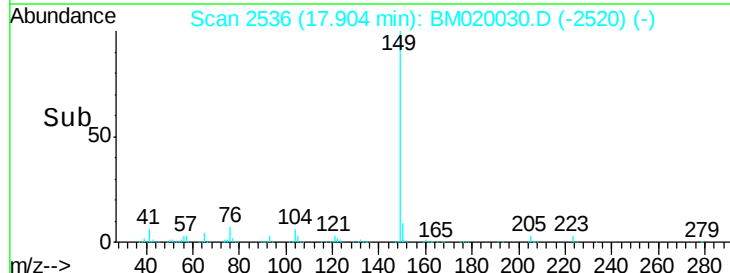
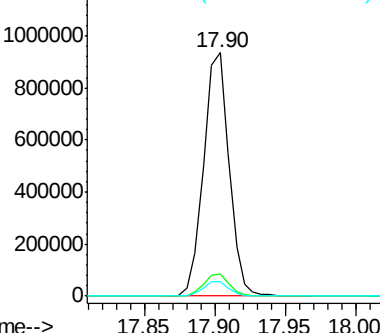


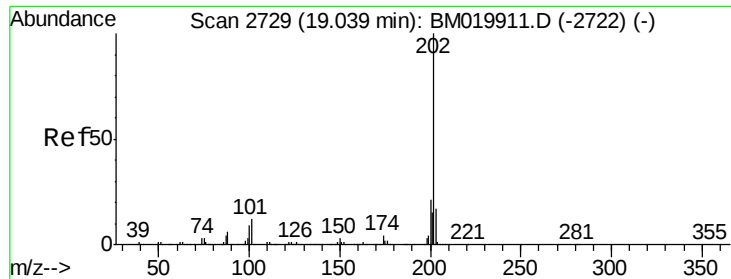
#74
 Di-n-butylphthalate
 Concen: 43.004 ng
 RT: 17.90 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1183168		
150	9.2		7.2	10.8
104	6.0		4.6	7.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.922 ng

RT: 19.01 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

Instrument :

BNA_M

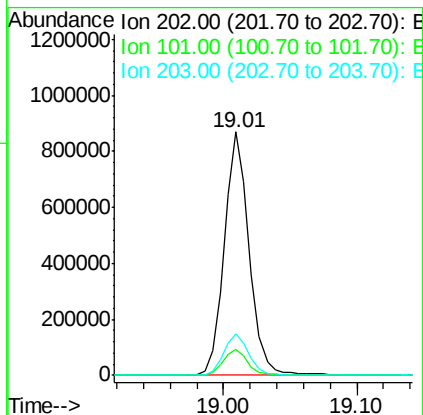
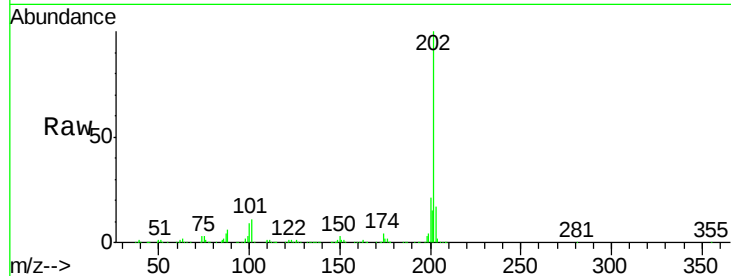
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

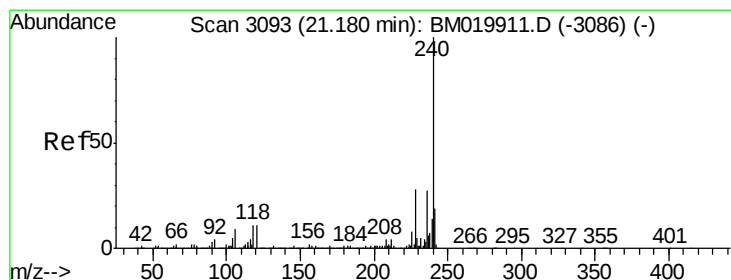
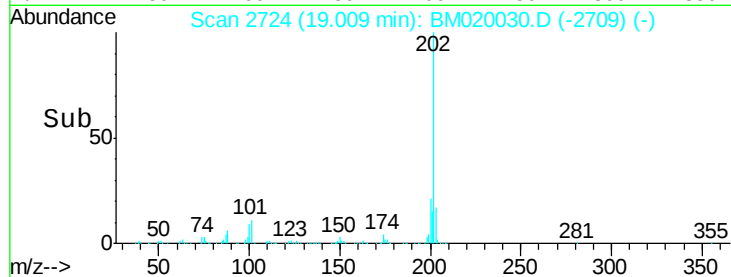
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		1139395		
101	10.7	0.0	31.7		
203	17.1	0.0	37.4		

Manual Integrations
APPROVED

Shih



4/23/2019 4:14:01 PM



#76

Chrysene-d12

Concen: 20.000 ng

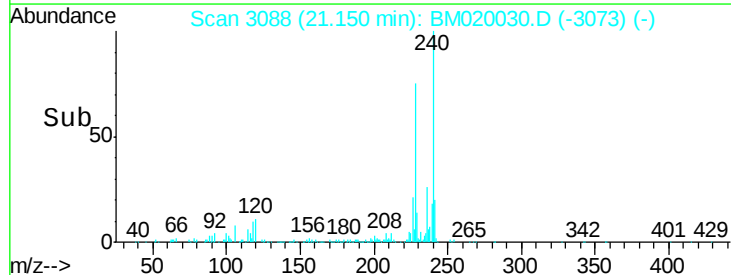
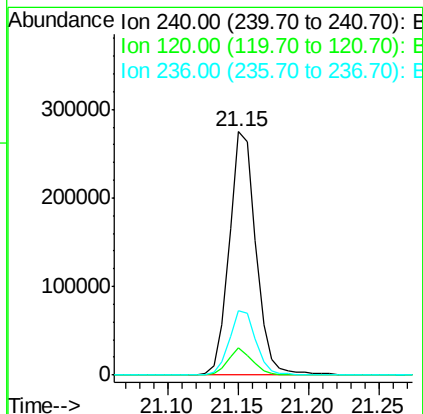
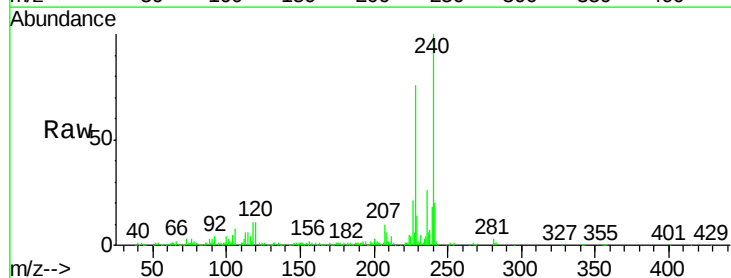
RT: 21.15 min Scan# 3088

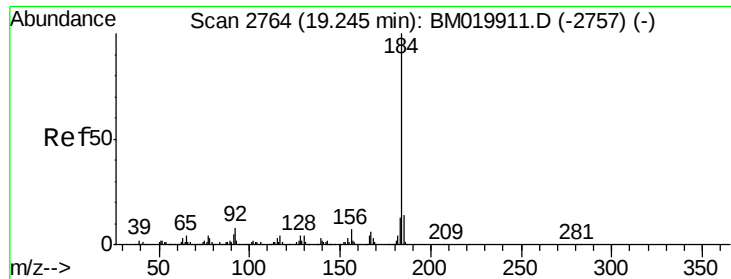
Delta R.T. -0.01 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		360900		
120	11.1	8.6	13.0		
236	26.3	21.4	32.2		





#77

Benzidine

Concen: 5.492 ng

RT: 19.25 min Scan# 2765

Delta R.T. 0.01 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

Instrument :

BNA_M

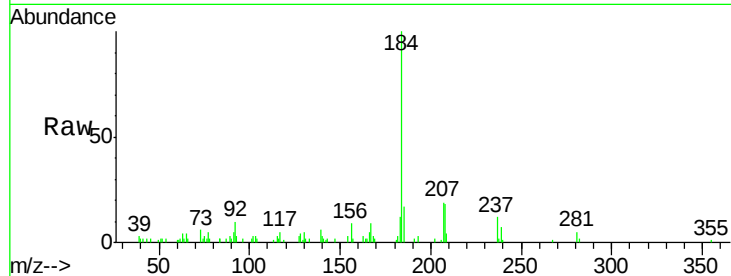
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	54689		
185	16.6		11.0	16.6#
183	11.7		10.1	15.1

Manual Integrations
APPROVED

Sonali

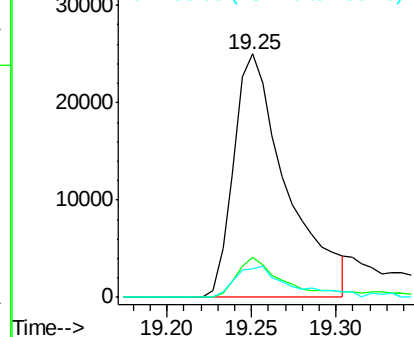


Abundance

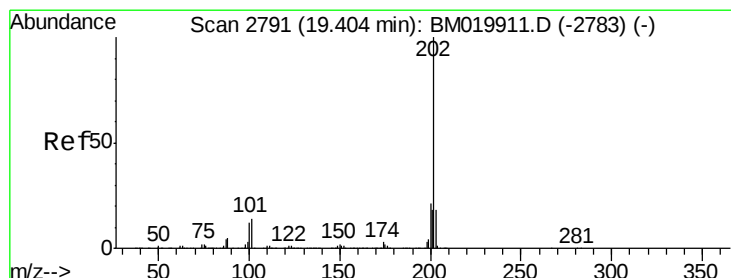
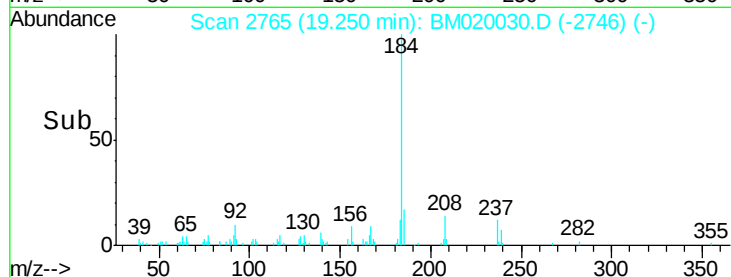
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



4/23/2019 4:14:01 PM



#78

Pyrene

Concen: 49.130 ng

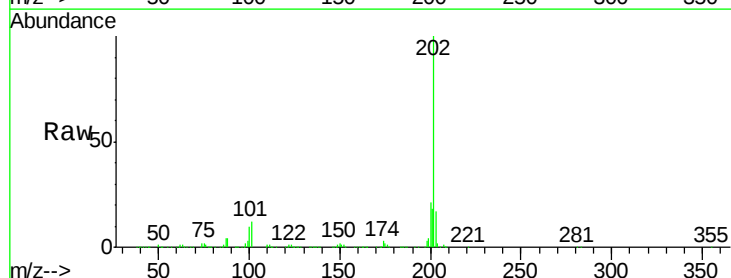
RT: 19.38 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1174191		
200	21.2		17.0	25.4
203	17.1		14.0	21.0

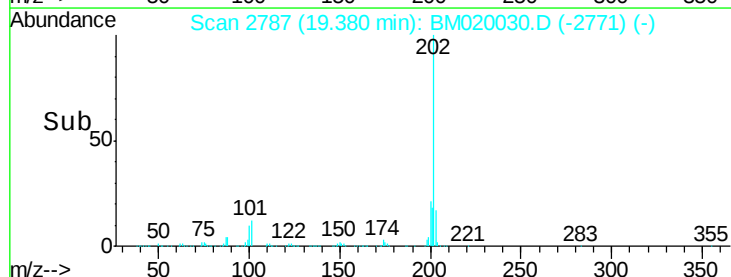
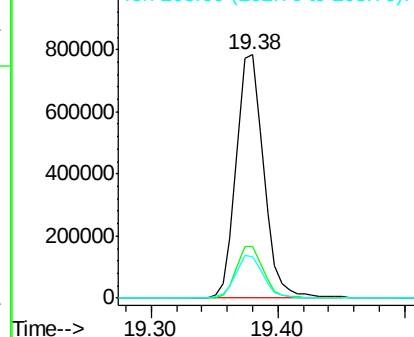


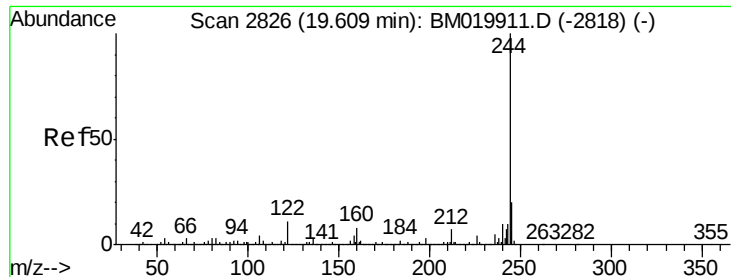
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





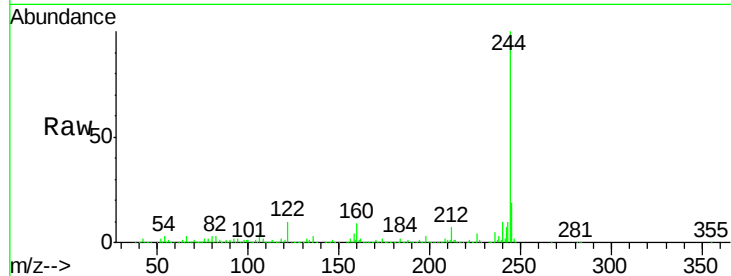
#79
 Terphenyl-d14
 Concen: 94.424 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

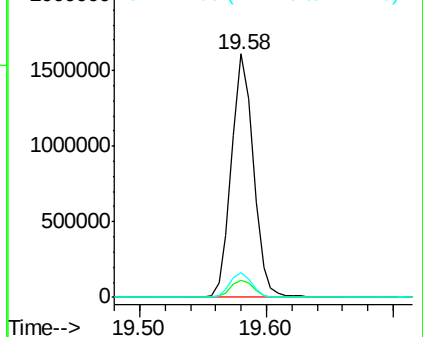
Tgt Ion:244 Resp: 1932022
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.4 9.1 13.7

Manual Integrations
 APPROVED

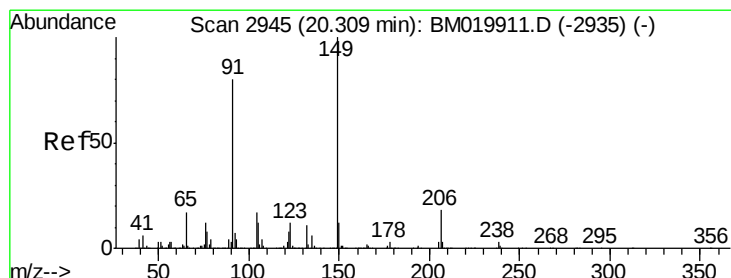
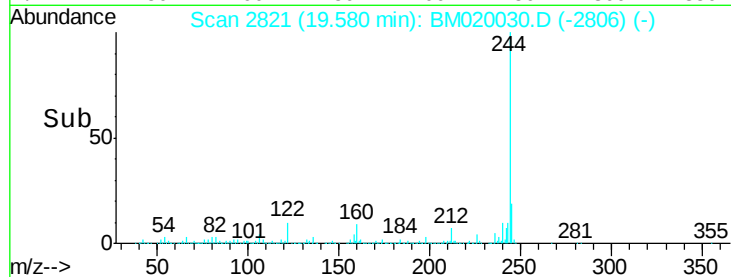
Shm



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

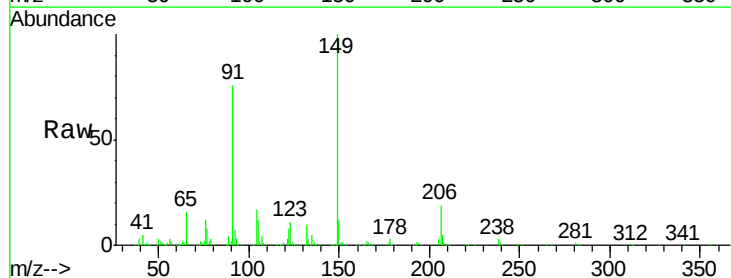


4/23/2019 4:14:01 PM

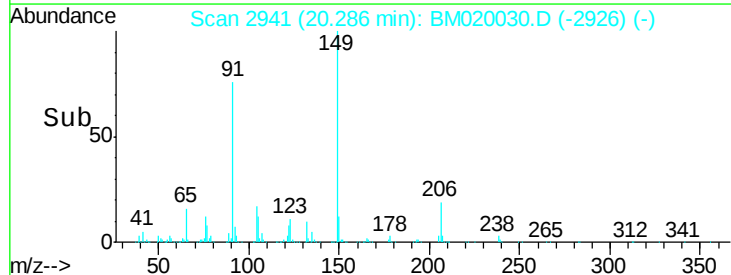
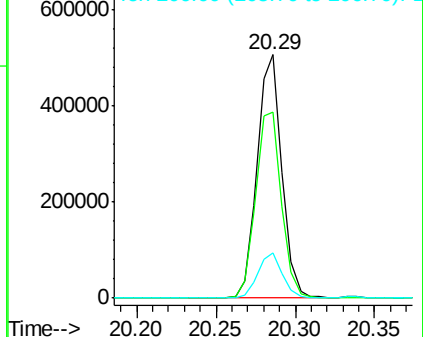


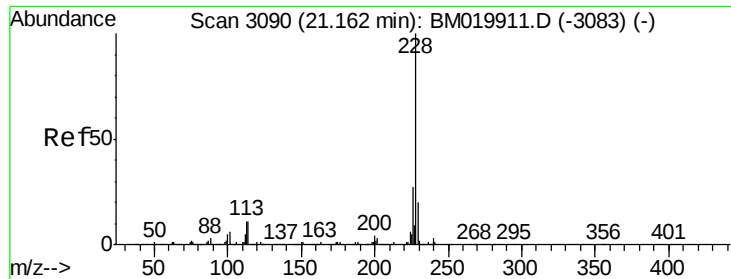
#80
 Butylbenzylphthalate
 Concen: 47.576 ng
 RT: 20.29 min Scan# 2941
 Delta R.T. -0.01 min
 Lab File: BM020030.D
 Acq: 23 Apr 2019 06:54

Tgt Ion:149 Resp: 551262
 Ion Ratio Lower Upper
 149 100
 91 76.3 63.7 95.5
 206 18.8 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.082 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

Instrument :

BNA_M

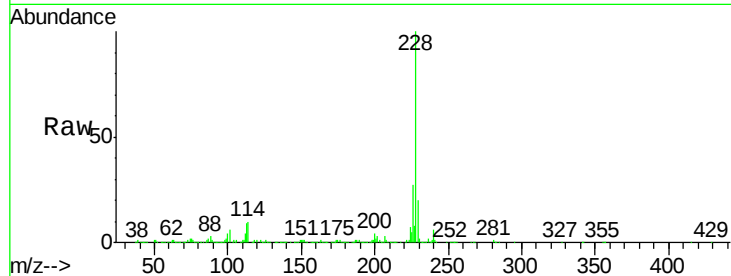
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

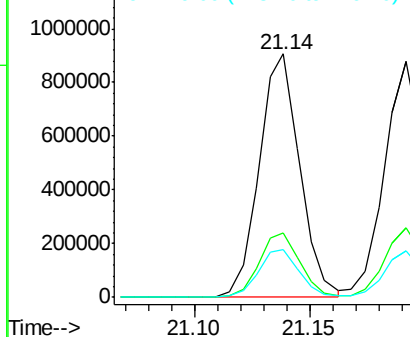
Tgt Ion:	228	Resp:	1099255
Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.6
229	19.7	15.9	23.9

Manual Integrations
APPROVED

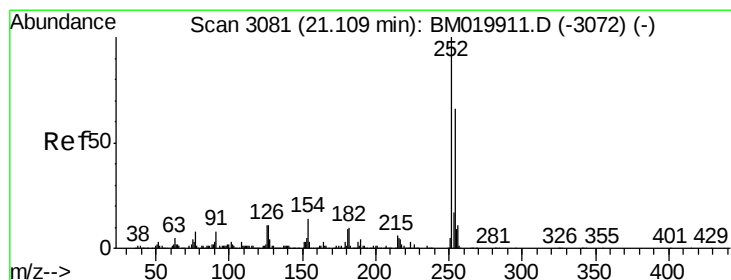
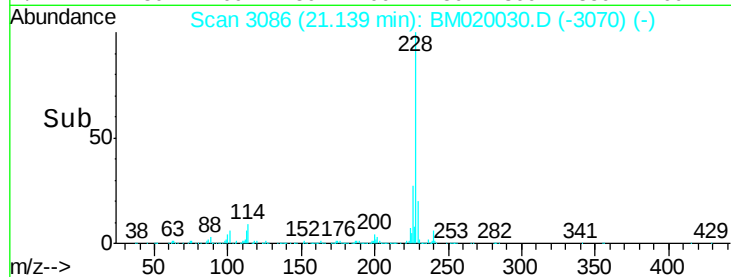
Sum



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



4/23/2019 4:14:01 PM



#82

3,3'-Dichlorobenzidine

Concen: 18.770 ng

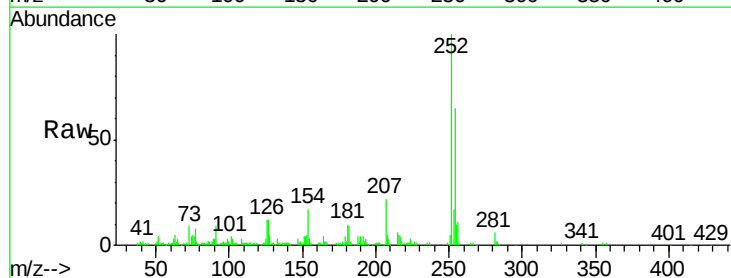
RT: 21.09 min Scan# 3077

Delta R.T. -0.01 min

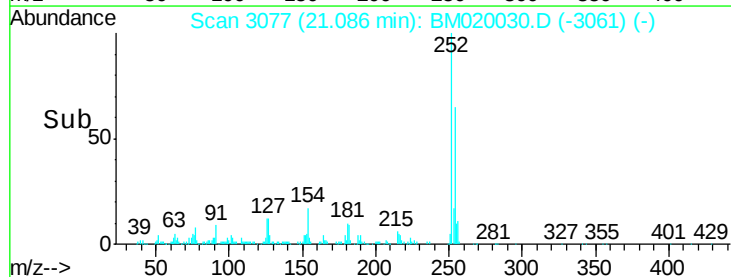
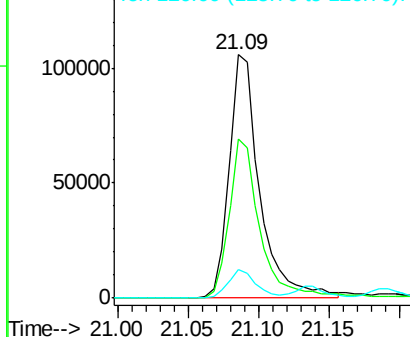
Lab File: BM020030.D

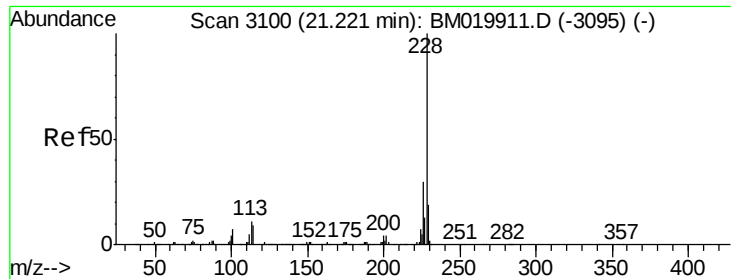
Acq: 23 Apr 2019 06:54

Tgt Ion:	252	Resp:	159657
Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.6	78.8
126	11.5	8.6	12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.712 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

Instrument :

BNA_M

ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion:228 Resp: 1111853

Ion Ratio Lower Upper

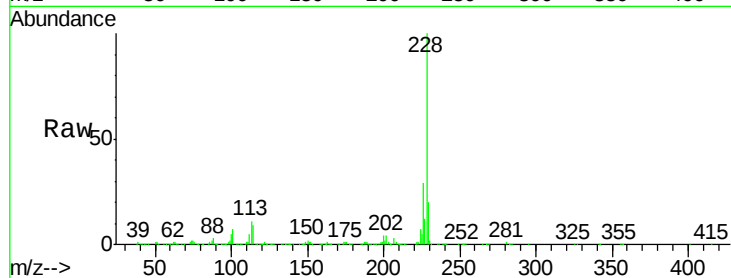
228 100

226 29.3 23.7 35.5

229 19.6 15.6 23.4

Manual Integrations
APPROVED

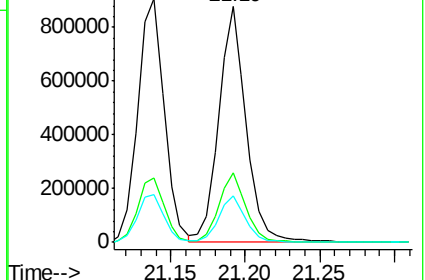
Sum



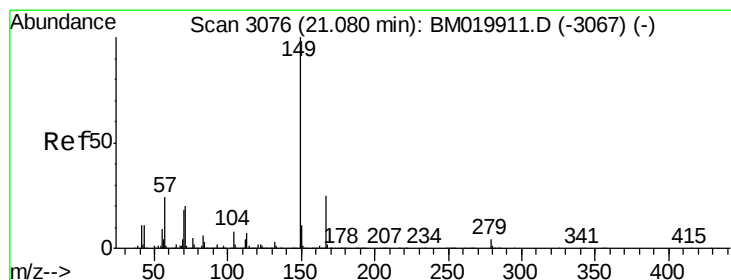
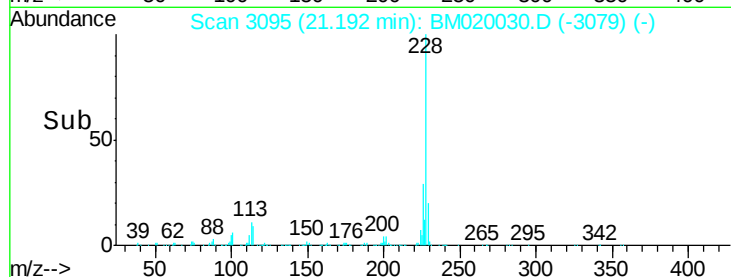
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



4/23/2019 4:14:01 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.680 ng

RT: 21.05 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

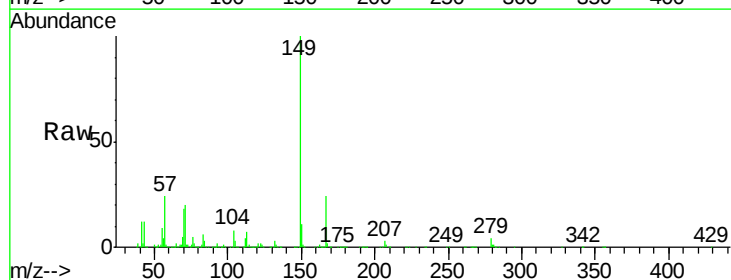
Tgt Ion:149 Resp: 822489

Ion Ratio Lower Upper

149 100

167 24.4 20.3 30.5

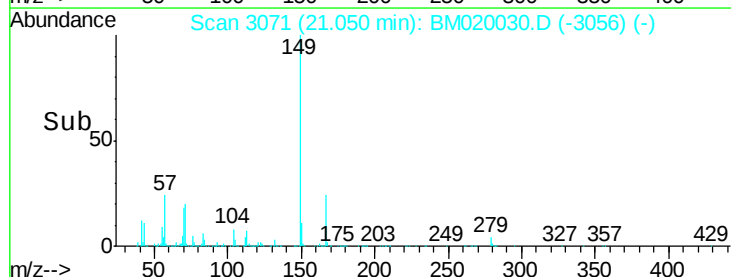
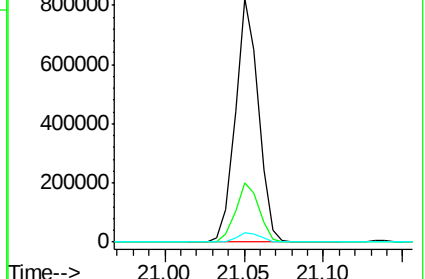
279 3.7 3.4 5.2

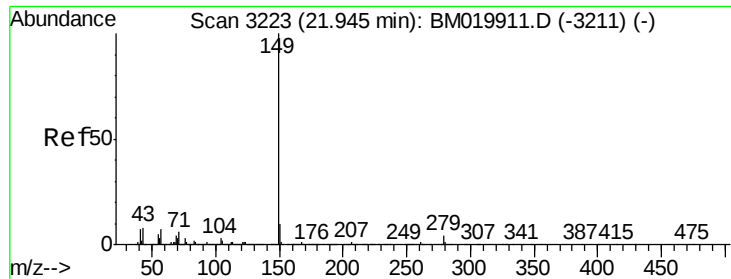


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





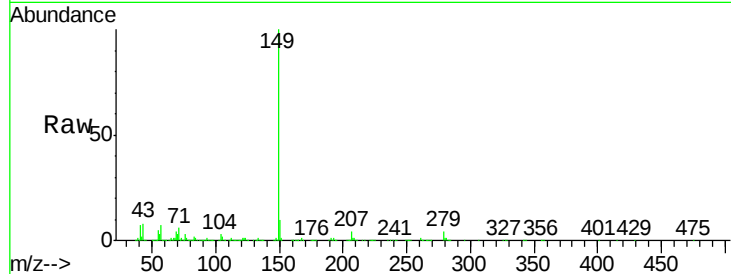
#85
Di-n-octyl phthalate
Concen: 51.114 ng
RT: 21.91 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

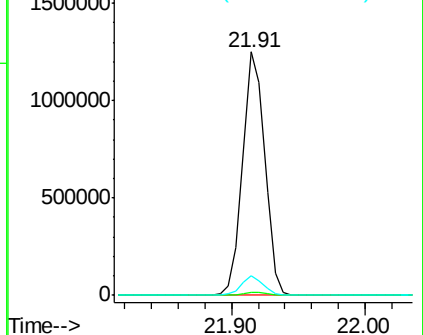
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.0	9.0

Manual Integrations
APPROVED

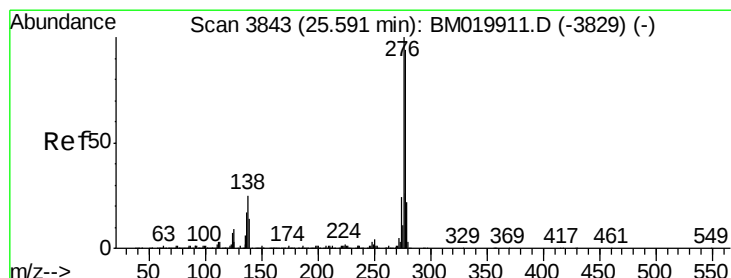
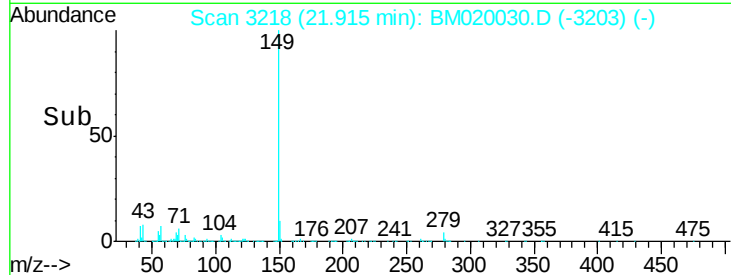
Sum



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



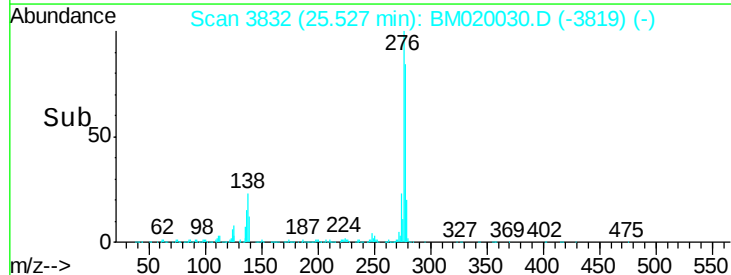
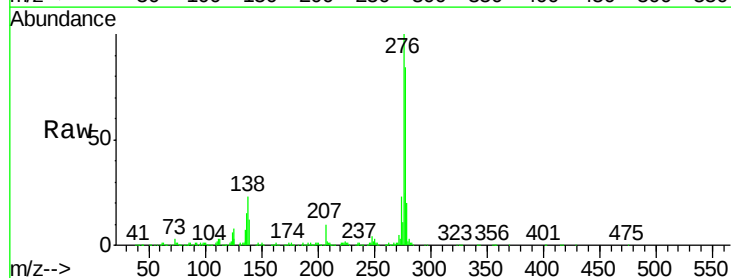
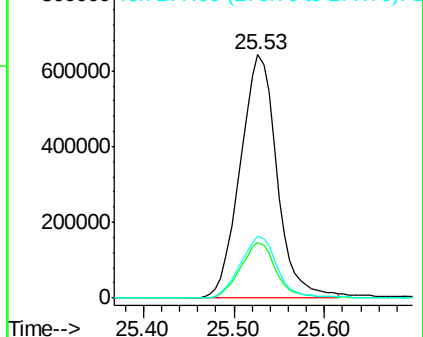
4/23/2019 4:14:01 PM

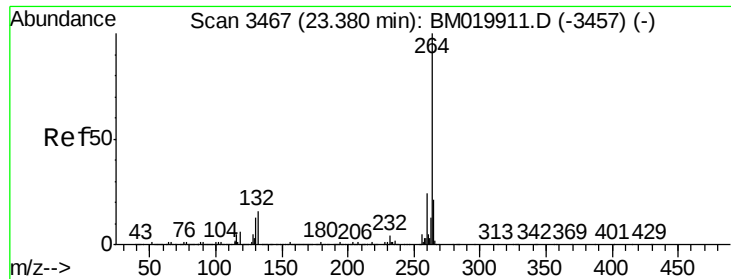


#86
Indeno(1,2,3-cd)pyrene
Concen: 84.049 ng
RT: 25.53 min Scan# 3832
Delta R.T. -0.02 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	19.0	28.6
277	25.4	20.3	30.5

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





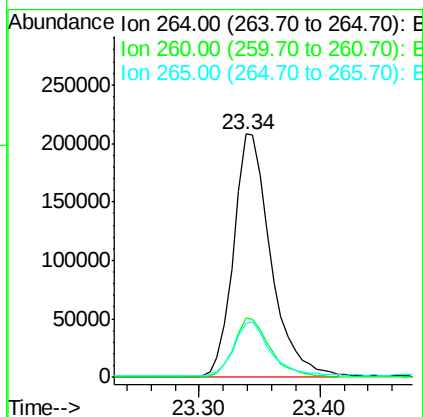
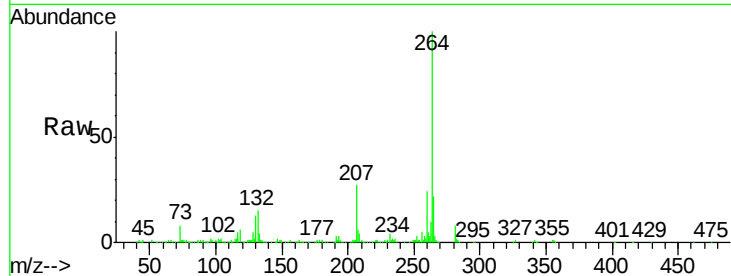
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

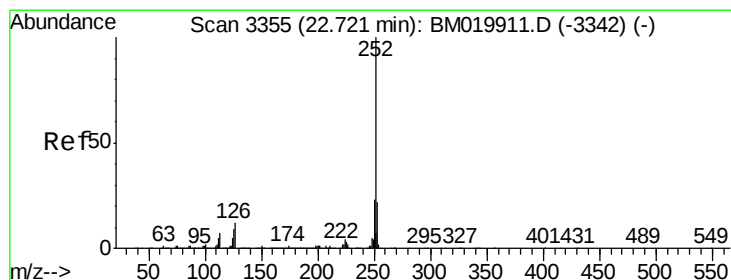
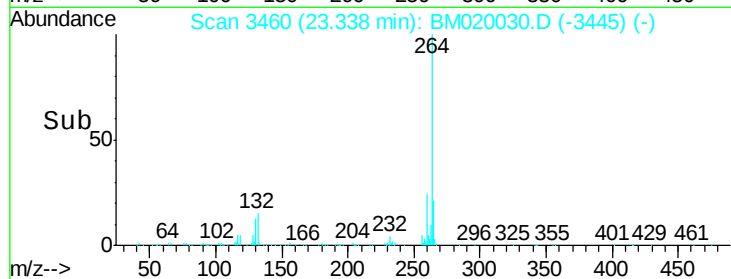
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	17.2	25.8

Manual Integrations
APPROVED

Sum

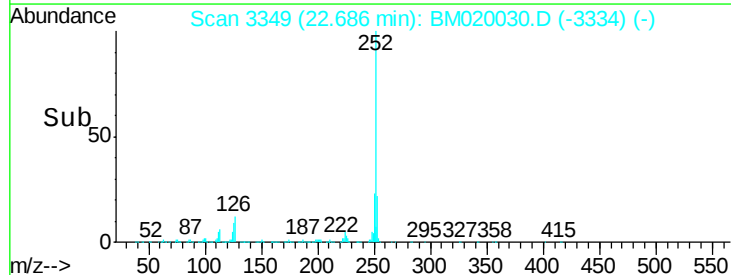
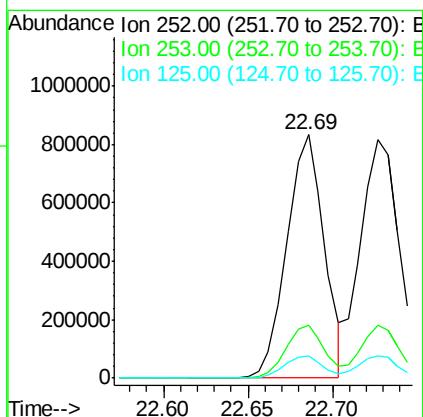
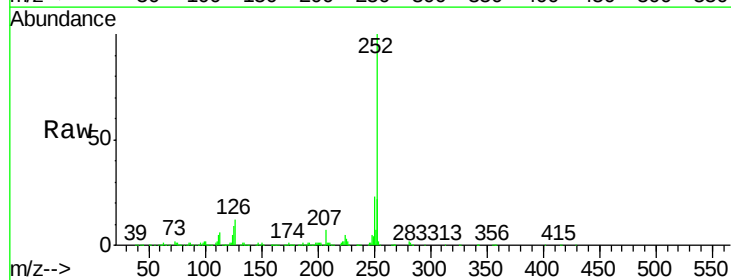


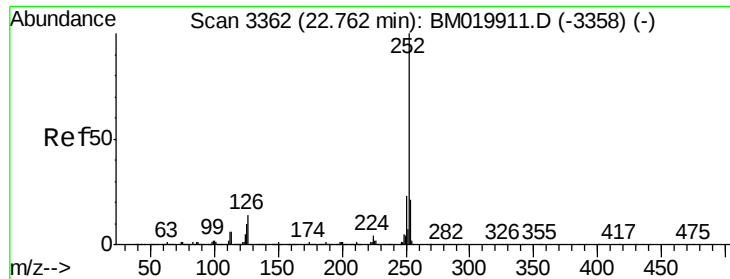
4/23/2019 4:14:01 PM



#88
Benzo(b)fluoranthene
Concen: 43.029 ng
RT: 22.69 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.3	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 47.412 ng

RT: 22.73 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM020030.D

Acq: 23 Apr 2019 06:54

Instrument :

BNA_M

ClientSampleId :

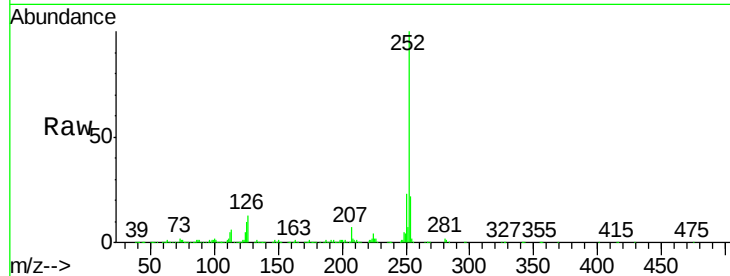
EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion: 252 Resp: 1328117

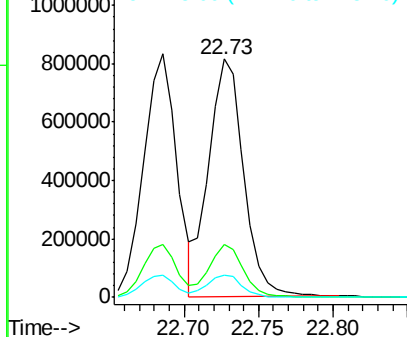
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	9.5	8.2	12.4

Manual Integrations
APPROVED

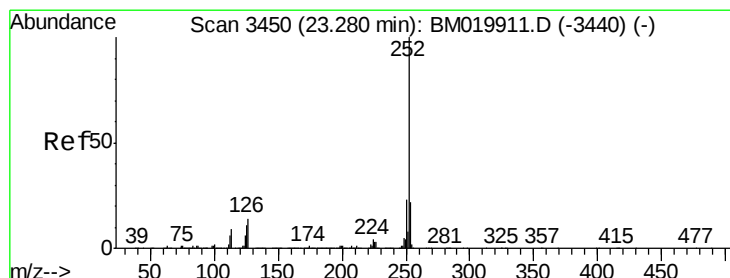
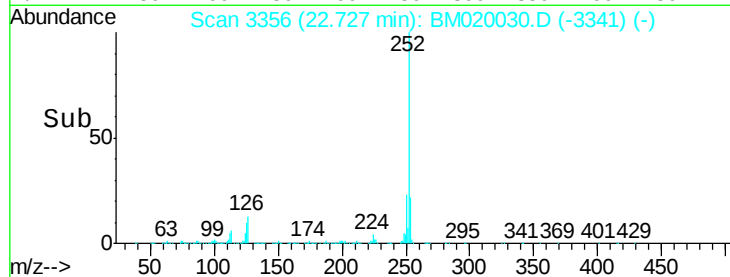
Sum



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



4/23/2019 4:14:01 PM



#90

Benzo(a)pyrene

Concen: 48.040 ng

RT: 23.24 min Scan# 3444

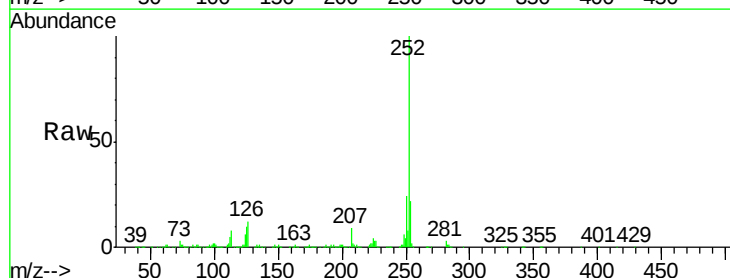
Delta R.T. -0.01 min

Lab File: BM020030.D

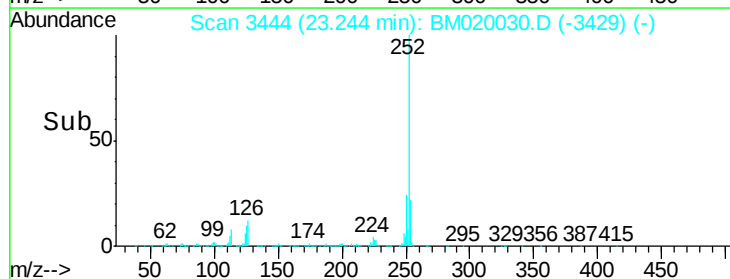
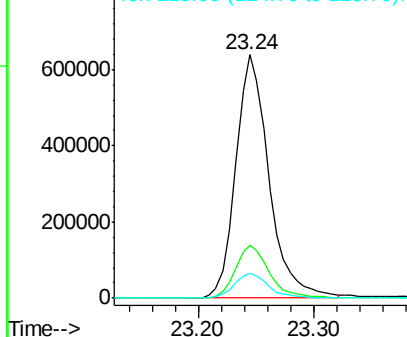
Acq: 23 Apr 2019 06:54

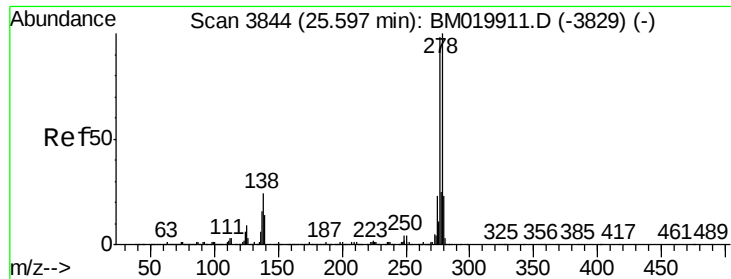
Tgt Ion: 252 Resp: 1266545

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	10.2	9.1	13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





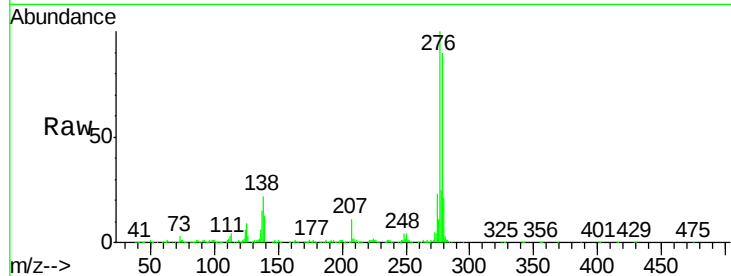
#91
Dibenzo(a,h)anthracene
Concen: 60.379 ng
RT: 25.53 min Scan# 3833
Delta R.T. -0.02 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

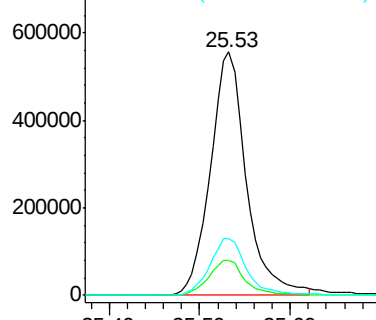
Tgt Ion:278 Resp: 1534747
Ion Ratio Lower Upper
278 100
139 14.4 11.6 17.4
279 23.3 18.4 27.6

Manual Integrations
APPROVED

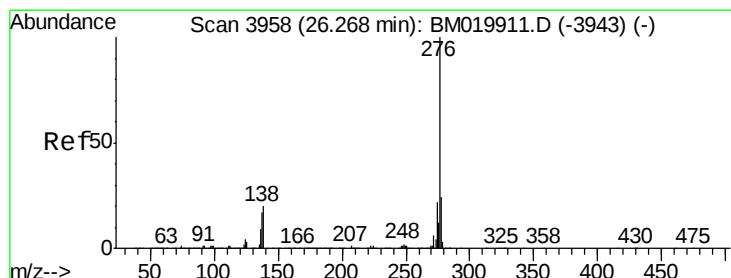
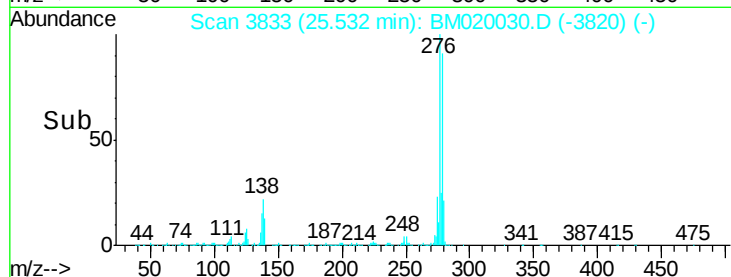
Sum



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

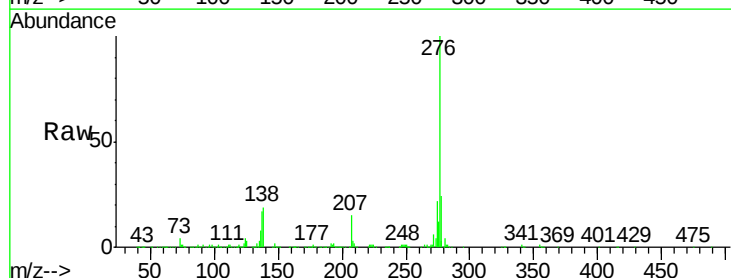


4/23/2019 4:14:01 PM



#92
Benzo(g,h,i)perylene
Concen: 62.373 ng
RT: 26.20 min Scan# 3947
Delta R.T. -0.02 min
Lab File: BM020030.D
Acq: 23 Apr 2019 06:54

Tgt Ion:276 Resp: 1435987
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 18.9 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

