

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
 Data File : BM020029.D
 Acq On : 23 Apr 2019 06:18
 Operator : JU/SJ
 Sample : K2472-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 4/23/2019 4:13:57 PM

Quant Time: Apr 23 09:11:50 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	89703	20.00	ng	-0.01
21) Naphthalene-d8	10.27	136	340978	20.00	ng	-0.01
39) Acenaphthene-d10	14.16	164	177842	20.00	ng	-0.01
64) Phenanthrene-d10	16.93	188	375681	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	367246	20.00	ng	-0.01
87) Perylene-d12	23.34	264	450411	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	688441	124.38	ng	-0.01
7) Phenol-d6	6.70	99	830795	99.73	ng	-0.01
23) Nitrobenzene-d5	8.67	82	691970	90.76	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	382759	133.70	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	1361130	95.38	ng	-0.02
79) Terphenyl-d14	19.58	244	1987723	95.47	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.10	88	101524	42.505	ng	# 55
3) Pyridine	3.50	79	204592	30.585	ng	97
4) n-Nitrosodimethylamine	3.42	42	89664	41.610	ng	# 83
6) Aniline	6.86	93	144190	13.402	ng	99
8) 2-Chlorophenol	7.07	128	255724	37.147	ng	98
9) Benzaldehyde	6.69	77	70788	11.899	ng	96
10) Phenol	6.72	94	274821	30.196	ng	88
11) bis(2-Chloroethyl)ether	6.95	93	239212	35.923	ng	99
12) 1,3-Dichlorobenzene	7.38	146	233825	32.354	ng	95
13) 1,4-Dichlorobenzene	7.53	146	244443	33.336	ng	98
14) 1,2-Dichlorobenzene	7.84	146	238277	32.773	ng	97
15) Benzyl Alcohol	7.77	79	250049	33.019	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.03	45	204826	32.267	ng	96
17) 2-Methylphenol	7.96	107	199084	33.051	ng	96
18) Hexachloroethane	8.54	117	90744	31.837	ng	98
19) n-Nitroso-di-n-propylamine	8.31	70	228067	31.146	ng	98
20) 3+4-Methylphenols	8.30	107	252987	30.574	ng	97
22) Acetophenone	8.33	105	394468	42.474	ng	# 98
24) Nitrobenzene	8.72	77	343418	43.479	ng	97
25) Isophorone	9.23	82	558966	37.661	ng	99
26) 2-Nitrophenol	9.42	139	127005	37.733	ng	# 90
27) 2,4-Dimethylphenol	9.48	122	210006	44.127	ng	98
28) bis(2-Chloroethoxy)methane	9.71	93	316430	38.074	ng	100
29) 2,4-Dichlorophenol	9.96	162	192527	35.620	ng	96
30) 1,2,4-Trichlorobenzene	10.14	180	236409	40.638	ng	99
31) Naphthalene	10.32	128	715611	39.128	ng	100
32) Benzoic acid	9.74	122	12910m	7.649	ng	
33) 4-Chloroaniline	10.51	127	27941	3.708	ng	96
34) Hexachlorobutadiene	10.57	225	134772	39.280	ng	97
35) Caprolactam	11.32	113	43971m	21.492	ng	
36) 4-Chloro-3-methylphenol	11.61	107	234126	34.861	ng	99
37) 2-Methylnaphthalene	11.95	142	526863	39.569	ng	99
38) 1-Methylnaphthalene	12.17	142	500234	38.049	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	260392	47.462	ng	99

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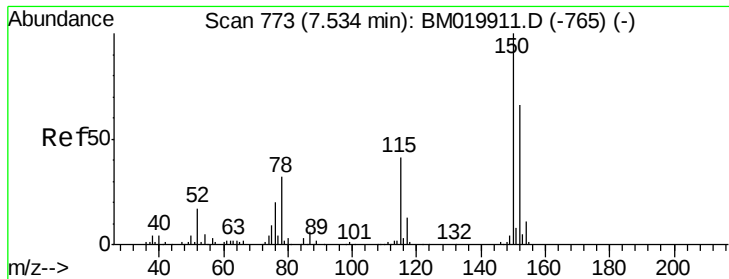
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	146630	76.147	ng	98
43) 2,4,6-Trichlorophenol	12.59	196	167213	44.955	ng	100
44) 2,4,5-Trichlorophenol	12.68	196	162297	41.923	ng	98
46) 1,1'-Biphenyl	12.99	154	681744	44.259	ng	99
47) 2-Chloronaphthalene	13.03	162	527462	44.893	ng	99
48) 2-Nitroaniline	13.28	65	167347	39.515	ng	94
49) Acenaphthylene	13.89	152	833694	40.782	ng	99
50) Dimethylphthalate	13.64	163	671975	42.837	ng	100
51) 2,6-Dinitrotoluene	13.78	165	143926	41.491	ng	85
52) Acenaphthene	14.23	154	486394	42.911	ng	98
53) 3-Nitroaniline	14.14	138	39251	11.332	ng	98
54) 2,4-Dinitrophenol	14.38	184	35576	23.047	ng	93
55) Dibenzofuran	14.57	168	794446	42.861	ng	96
56) 4-Nitrophenol	14.47	139	125878	48.544	ng	85
57) 2,4-Dinitrotoluene	14.59	165	194939	39.096	ng	98
58) Fluorene	15.23	166	649689	41.366	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.82	232	151990	43.028	ng	99
60) Diethylphthalate	15.01	149	692706	42.459	ng	99
61) 4-Chlorophenyl-phenylether	15.22	204	327190	43.268	ng	96
62) 4-Nitroaniline	15.31	138	99543	29.169	ng	87
63) Azobenzene	15.52	77	770883	44.209	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	46493	19.397	ng	93
66) n-Nitrosodiphenylamine	15.45	169	547824	44.604	ng	99
67) 4-Bromophenyl-phenylether	16.12	248	189020	43.762	ng	98
68) Hexachlorobenzene	16.23	284	227608	43.918	ng	98
69) Atrazine	16.42	200	183755	44.072	ng	97
70) Pentachlorophenol	16.59	266	192994	72.882	ng	96
71) Phenanthrene	16.97	178	954297	42.805	ng	99
72) Anthracene	17.07	178	970511	43.732	ng	100
73) Carbazole	17.36	167	842846	40.679	ng	99
74) Di-n-butylphthalate	17.90	149	1129977	41.527	ng	100
75) Fluoranthene	19.01	202	1089263	42.456	ng	99
77) Benzidine	19.24	184	119248	11.768	ng	99
78) Pyrene	19.37	202	1114190	45.814	ng	100
80) Butylbenzylphthalate	20.29	149	536128	45.470	ng	95
81) Benzo(a)anthracene	21.13	228	1085652	46.667	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	175938	20.327	ng	98
83) Chrysene	21.19	228	1074368	48.156	ng	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	789181	44.958	ng	99
85) Di-n-octyl phthalate	21.91	149	1409365	49.482	ng	100
86) Indeno(1,2,3-cd)pyrene	25.52	276	1669480	76.068	ng	98
88) Benzo(b)fluoranthene	22.68	252	1268184	42.403	ng	99
89) Benzo(k)fluoranthene	22.73	252	1266352	44.976	ng	99
90) Benzo(a)pyrene	23.24	252	1233074	46.531	ng	99
91) Dibenzo(a,h)anthracene	25.53	278	1417371	55.475	ng	98
92) Benzo(g,h,i)perylene	26.20	276	1316659	56.897	ng	98

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



#1

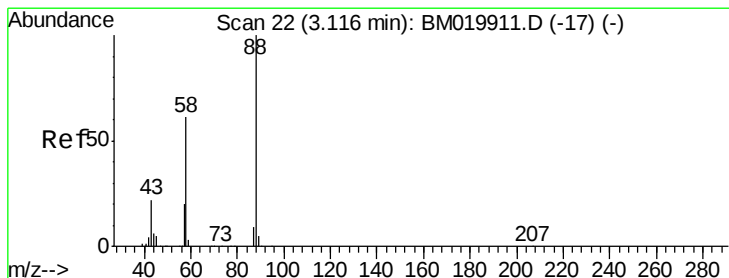
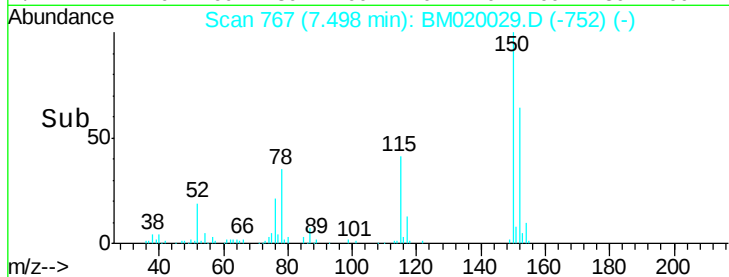
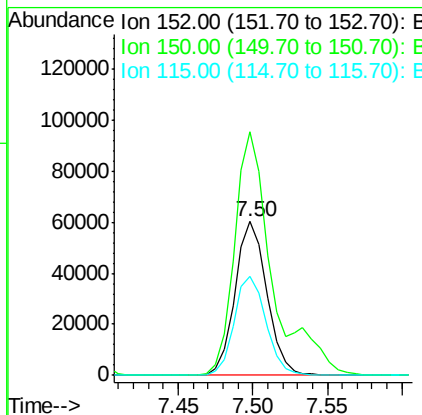
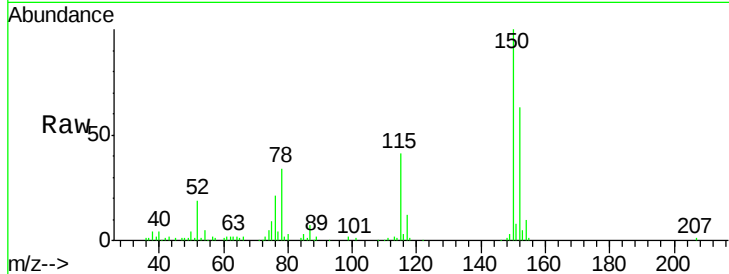
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	122.1	183.1
115	64.8	50.0	75.0

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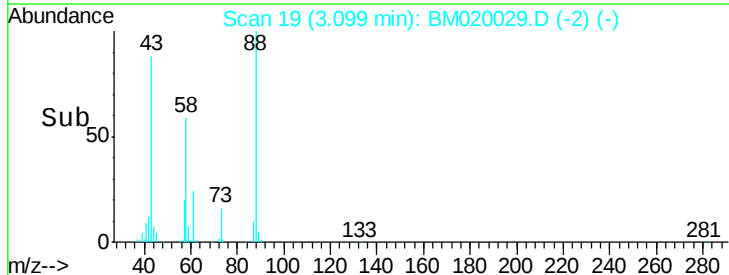
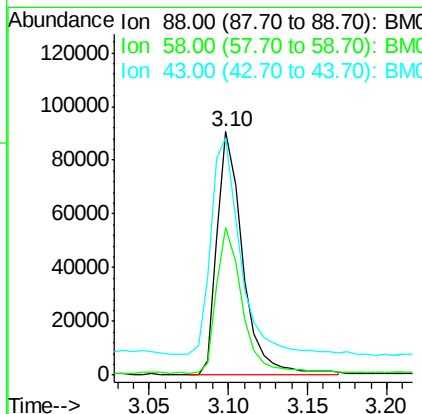
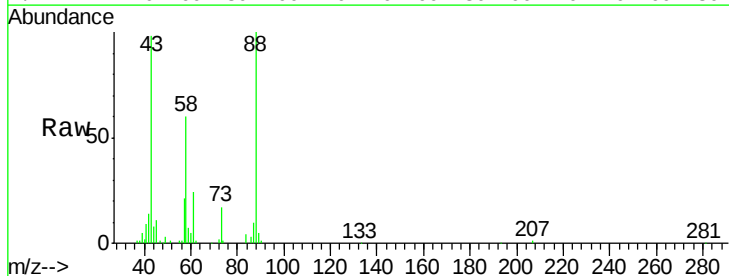
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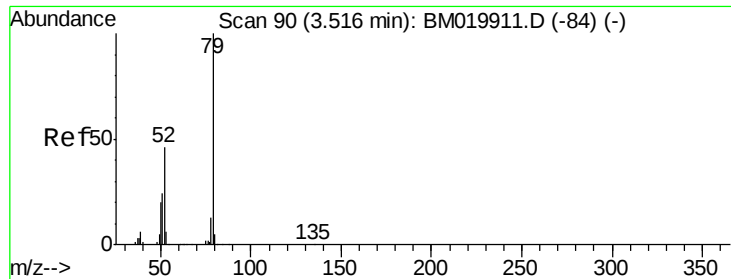


#2

1,4-Dioxane
Concen: 42.505 ng
RT: 3.10 min Scan# 19
Delta R.T. -0.00 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.1	49.6	74.4
43	100.8	18.6	27.8#





#3

Pyridine

Concen: 30.585 ng

RT: 3.50 min Scan# 88

Delta R.T. -0.00 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

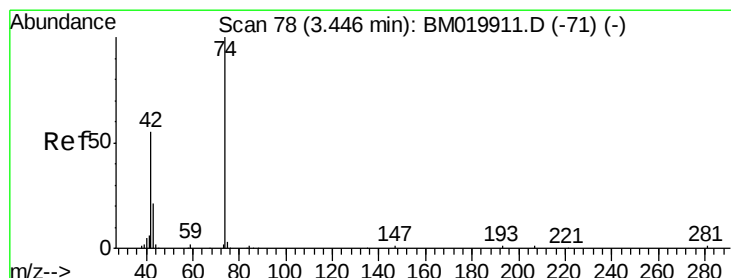
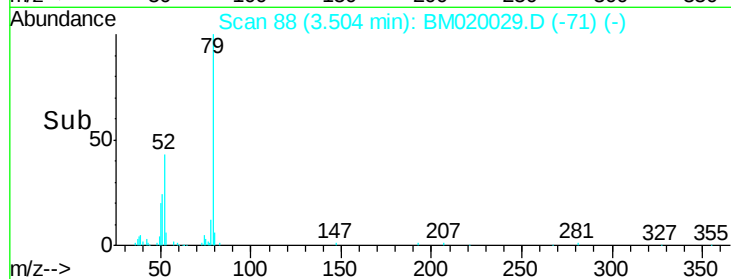
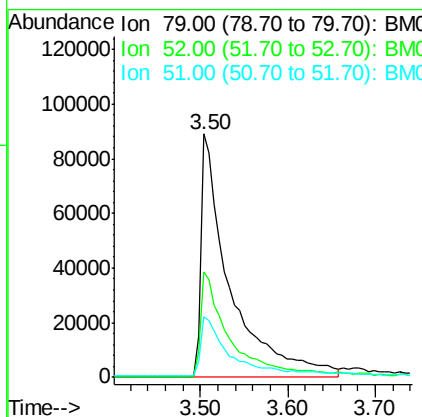
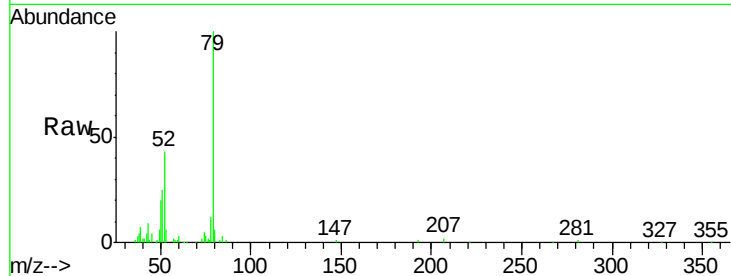
ClientSampleId :

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Tgt Ion:	79	Resp:	204592
Ion Ratio	Lower	Upper	
79	100		
52	43.4	36.9	55.3
51	25.1	20.0	30.0

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#4

n-Nitrosodimethylamine

Concen: 41.610 ng

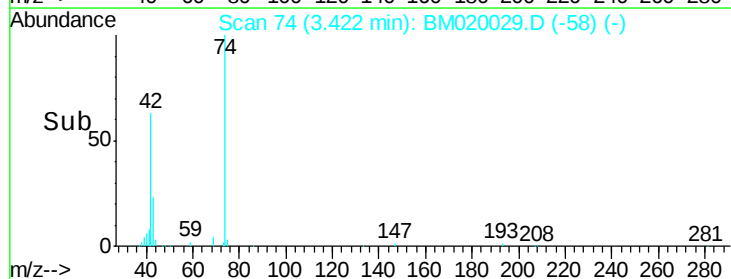
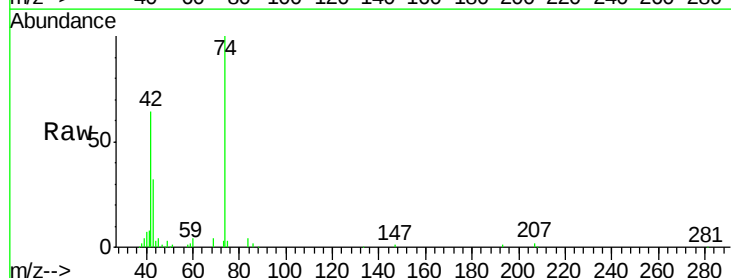
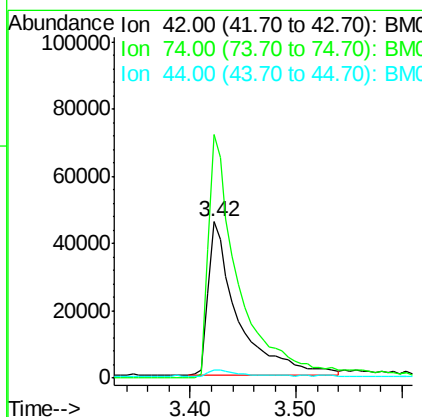
RT: 3.42 min Scan# 74

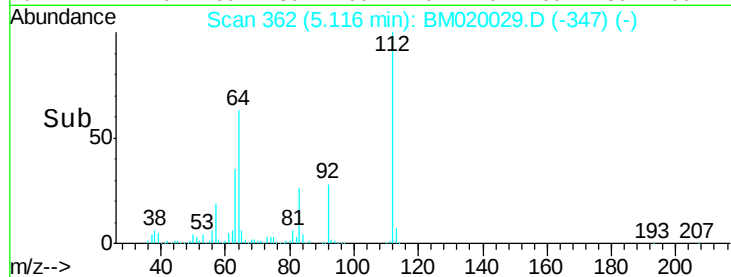
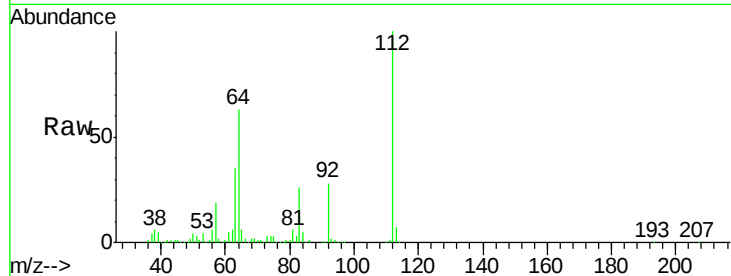
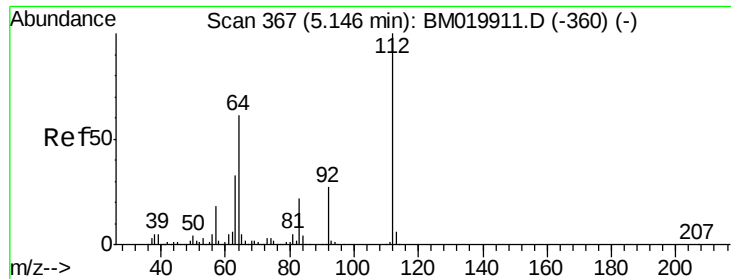
Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion:	42	Resp:	89664
Ion Ratio	Lower	Upper	
42	100		
74	156.1	144.6	217.0
44	5.4	5.4	8.2#





#5

2-Fluorophenol

Concen: 124.379 ng

RT: 5.12 min Scan# 362

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion:	112	Resp:	688441
Ion Ratio	Lower	Upper	
112	100		
64	63.4	49.1	73.7
63	34.8	26.5	39.7

Instrument :

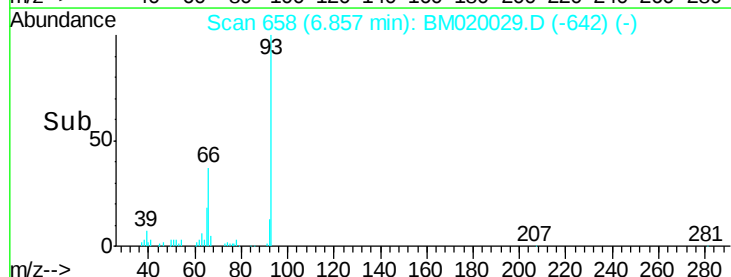
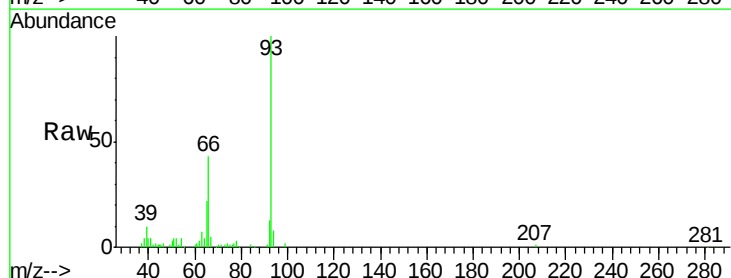
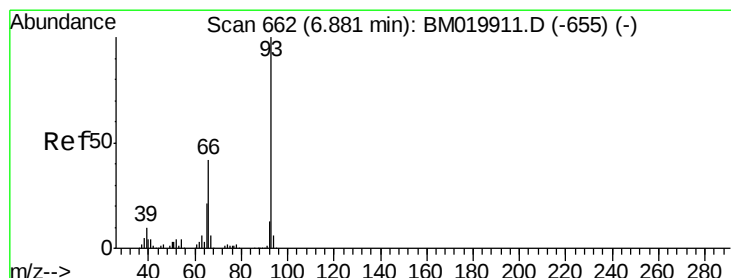
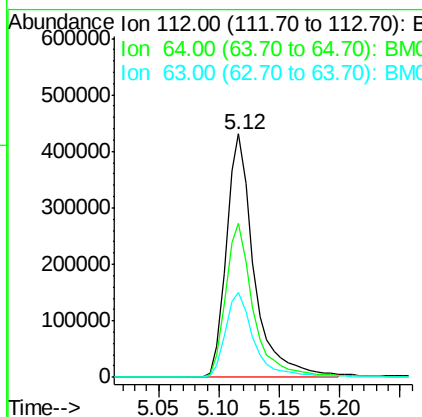
BNA_M

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#6

Aniline

Concen: 13.402 ng

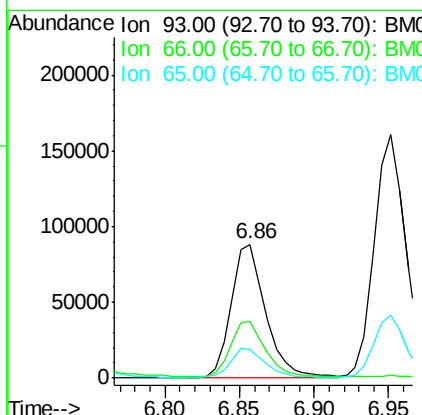
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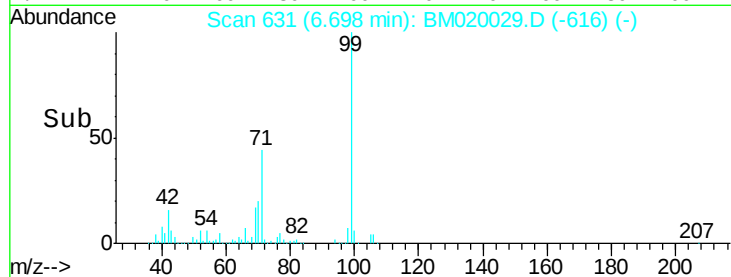
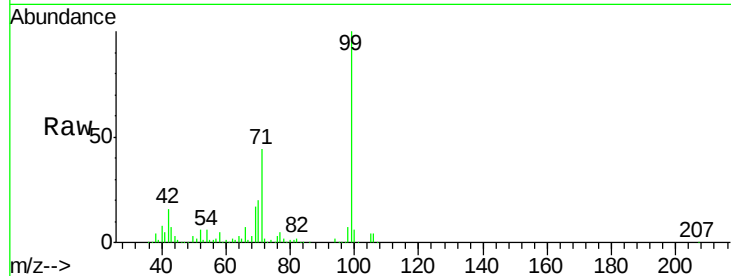
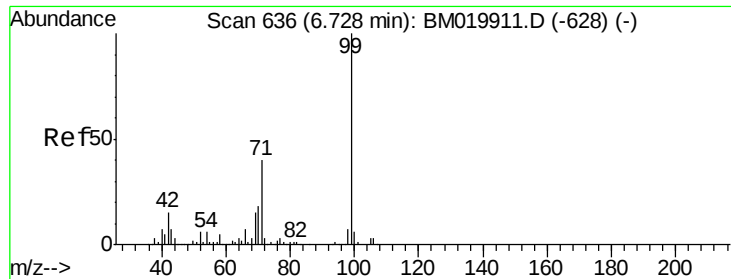
Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion:	93	Resp:	144190
Ion Ratio	Lower	Upper	
93	100		
66	42.7	33.9	50.9
65	21.8	17.0	25.6





#7

Phenol-d6

Concen: 99.734 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	830795		
42	15.9	11.8	17.8	
71	43.6	32.0	48.0	

Instrument :

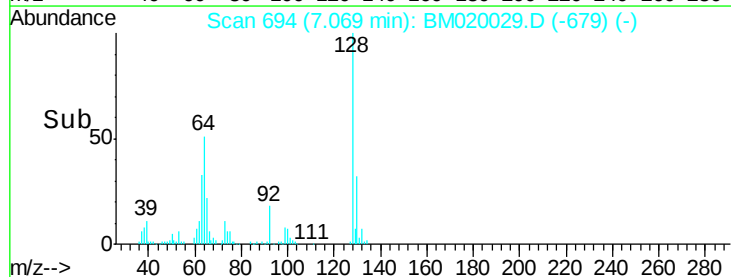
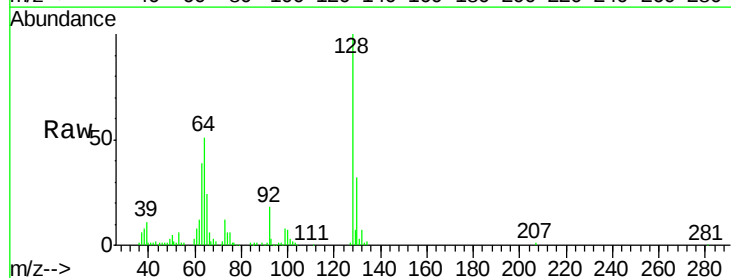
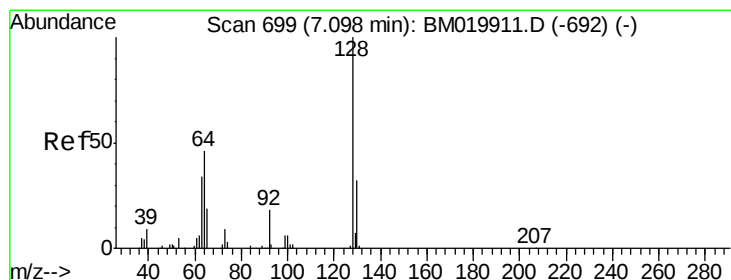
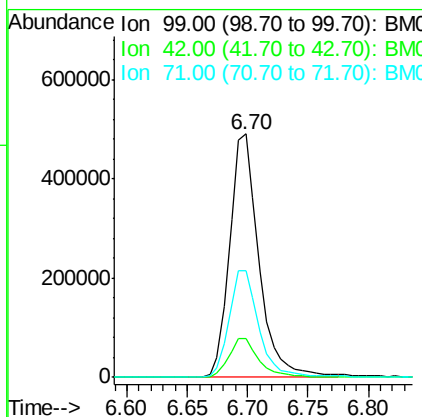
BNA_M

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#8

2-Chlorophenol

Concen: 37.147 ng

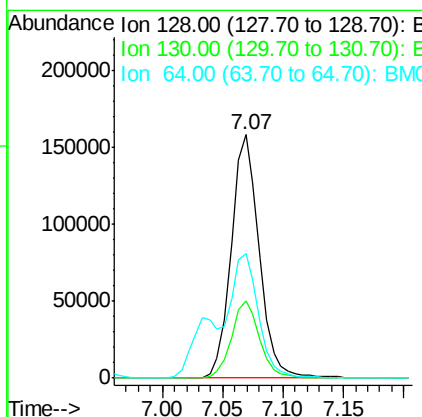
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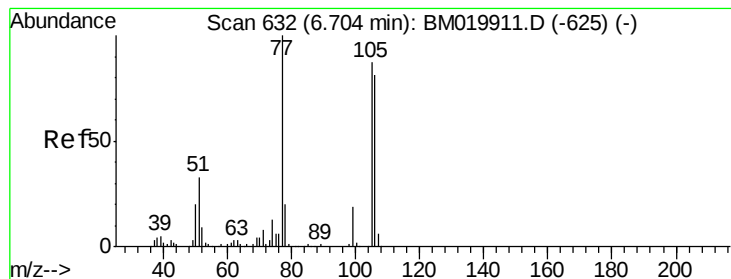
Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	255724		
130	31.8	12.0	52.0	
64	51.3	33.0	73.0	





#9

Benzaldehyde

Concen: 11.899 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.00 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

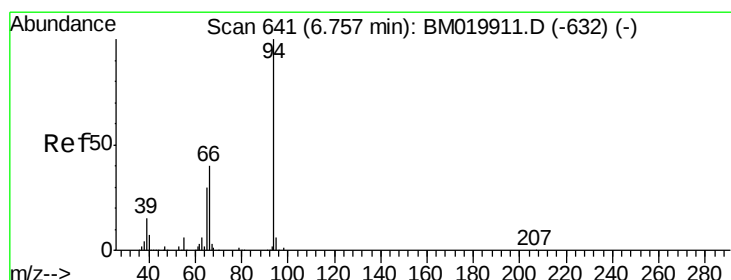
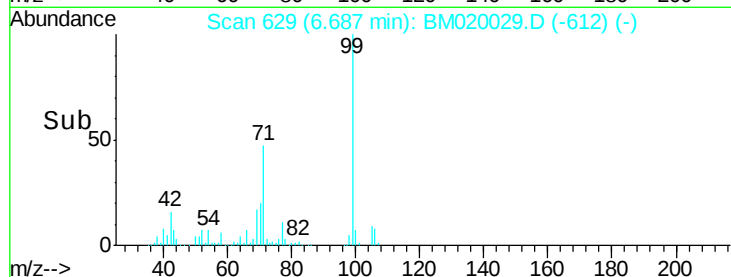
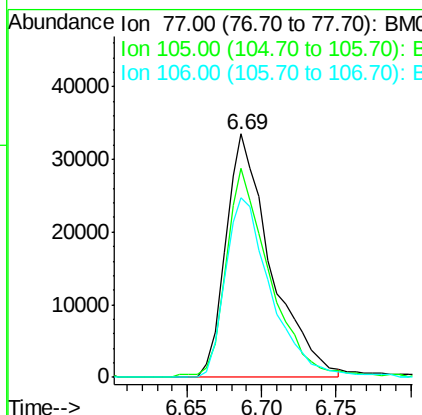
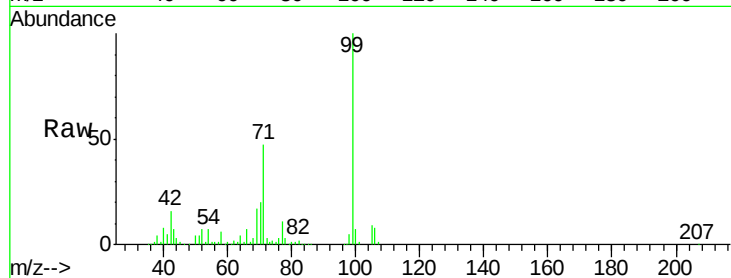
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion	Ratio	Lower	Upper
77	100		
105	86.0	67.3	107.3
106	73.7	60.6	100.6

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#10

Phenol

Concen: 30.196 ng

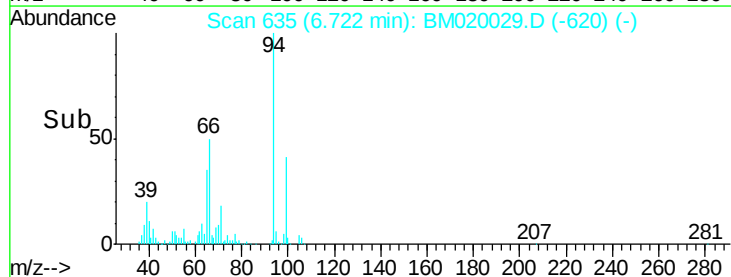
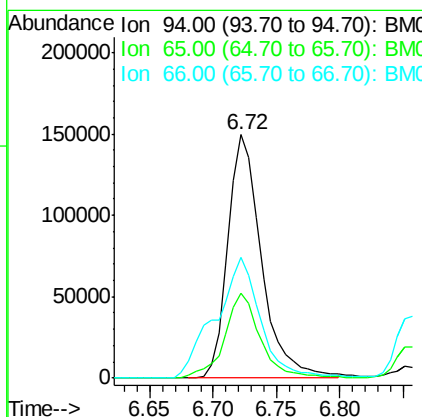
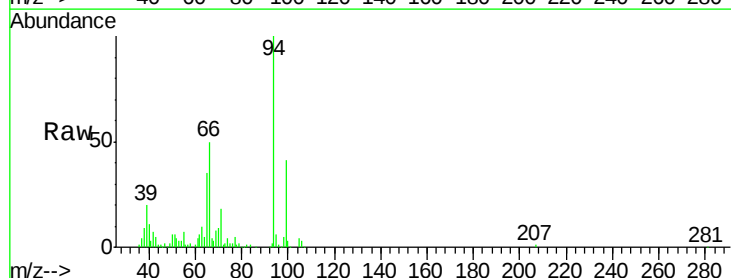
RT: 6.72 min Scan# 635

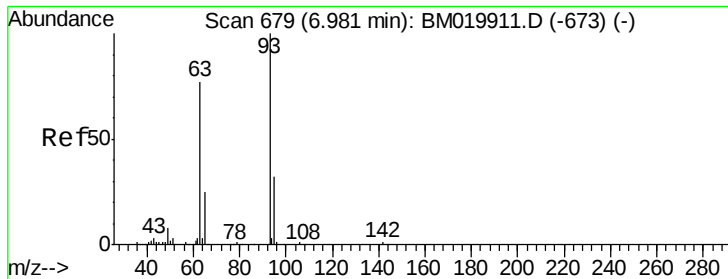
Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.6	10.0	50.0
66	49.6	20.2	60.2





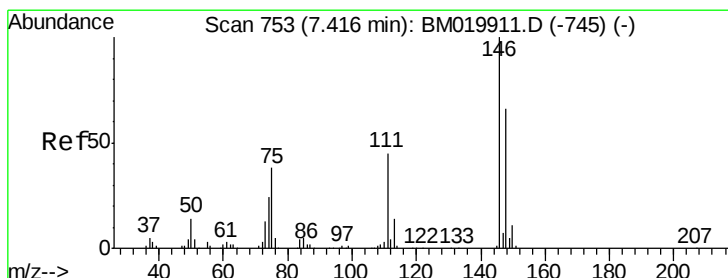
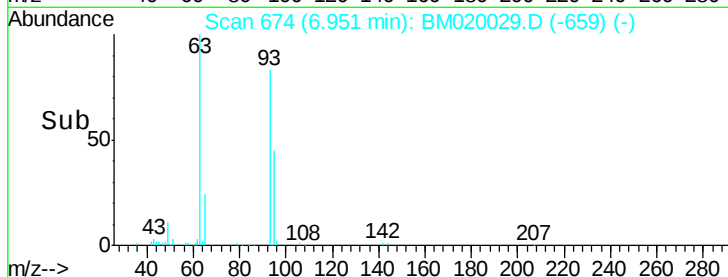
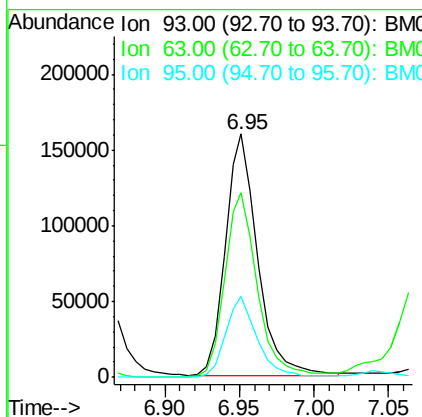
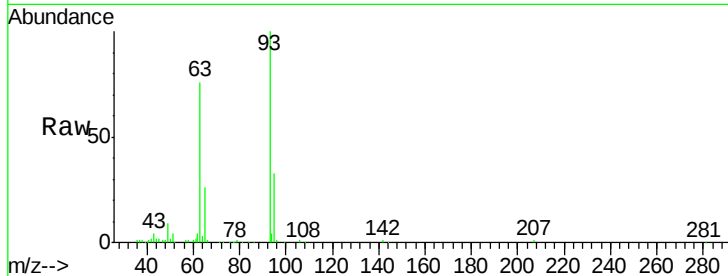
#11
bis(2-Chloroethyl)ether
Concen: 35.923 ng
RT: 6.95 min Scan# 674
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	239212		
63	75.9	55.8	95.8	
95	33.2	11.6	51.6	

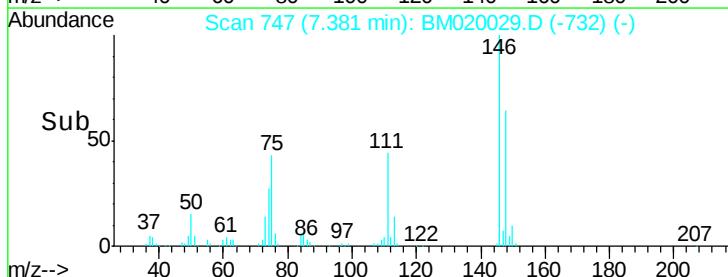
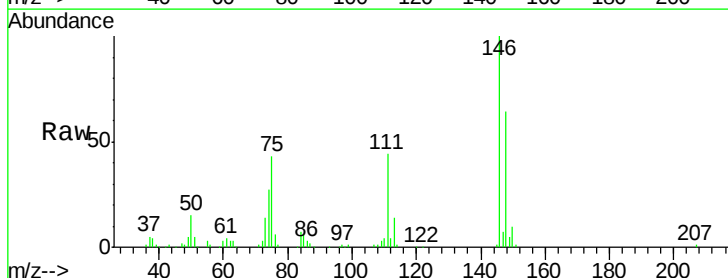
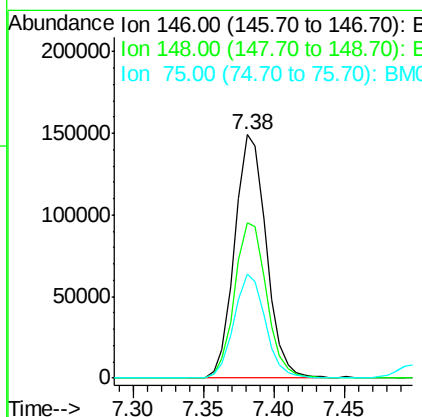
Manual Integrations
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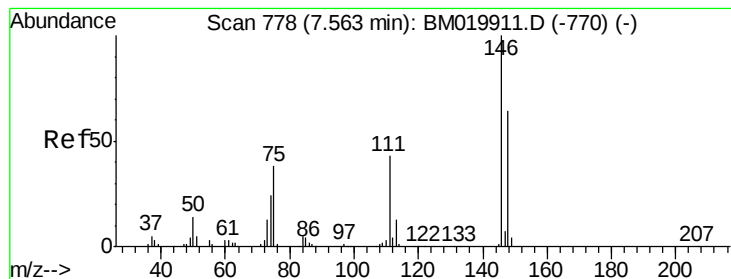
Sohil
4/23/2019 4:13:57 PM



#12
1,3-Dichlorobenzene
Concen: 32.354 ng
RT: 7.38 min Scan# 747
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	233825		
148	63.6	52.6	78.8	
75	42.8	30.0	45.0	





#13

1,4-Dichlorobenzene

Concen: 33.336 ng

RT: 7.53 min Scan# 773

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

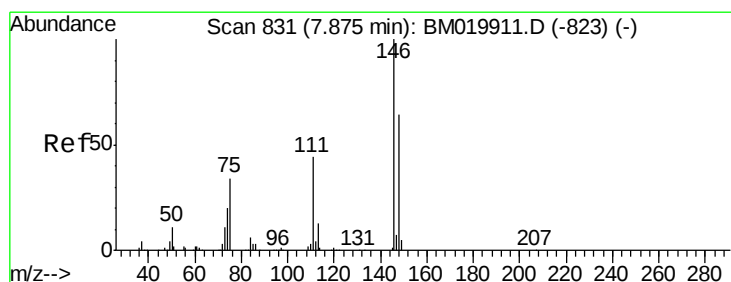
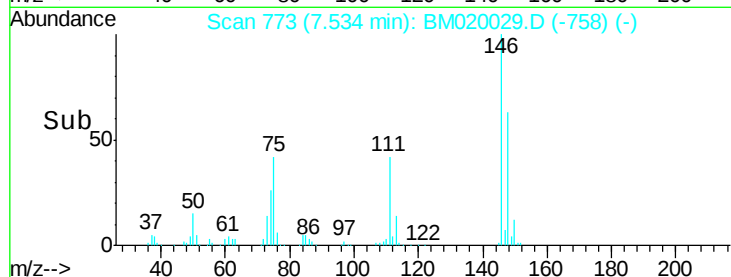
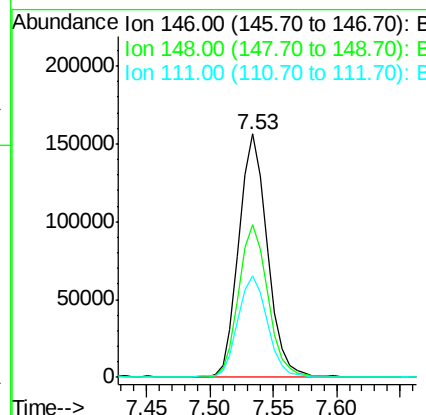
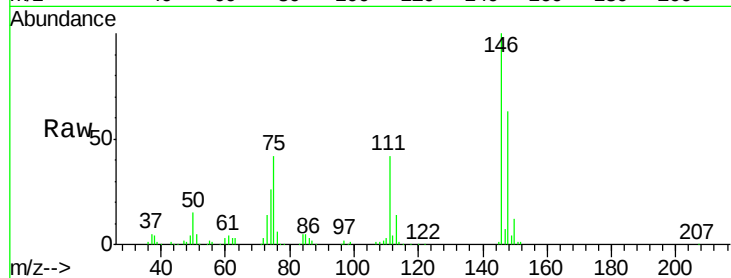
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion:	146	Resp:	244443
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.1	76.7
111	41.6	34.6	51.8

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#14

1,2-Dichlorobenzene

Concen: 32.773 ng

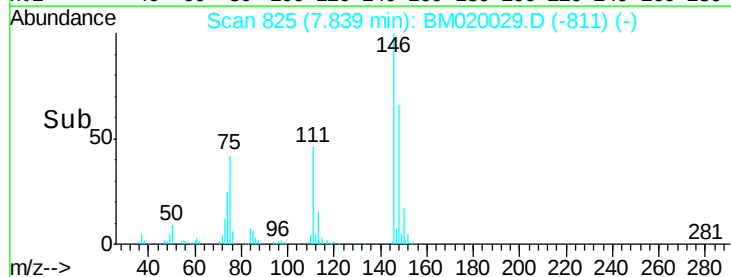
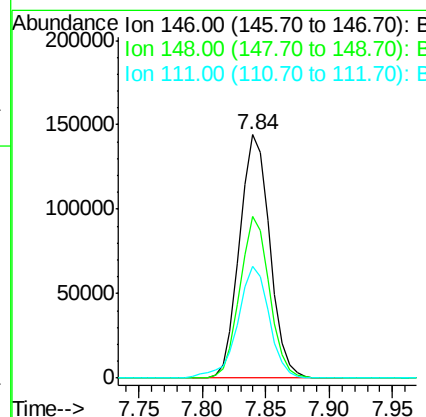
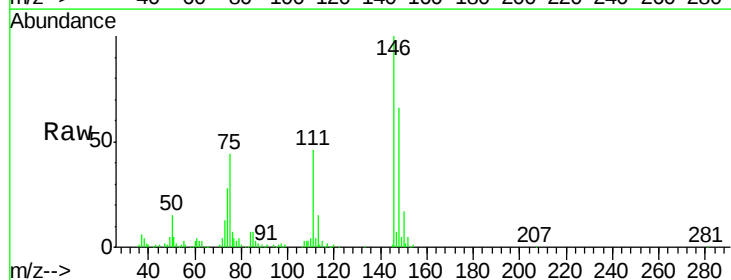
RT: 7.84 min Scan# 825

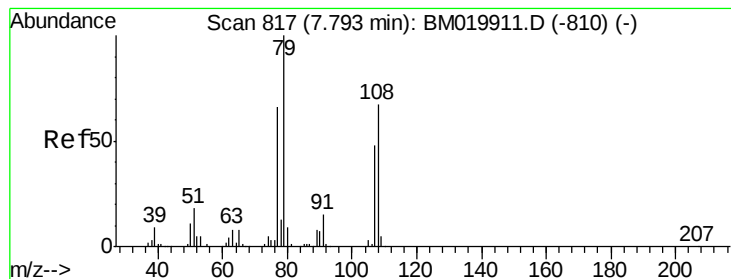
Delta R.T. -0.02 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion:	146	Resp:	238277
Ion Ratio	Lower	Upper	
146	100		
148	66.4	51.4	77.2
111	45.9	35.4	53.0





#15

Benzyl Alcohol

Concen: 33.019 ng

RT: 7.77 min Scan# 813

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

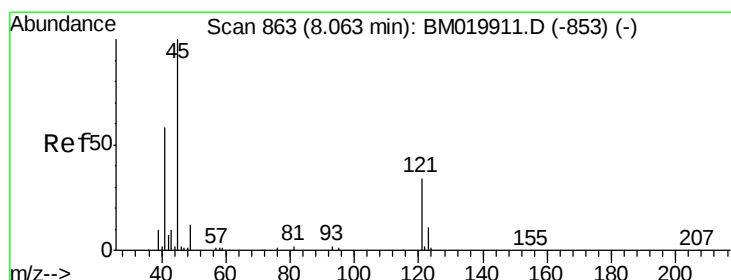
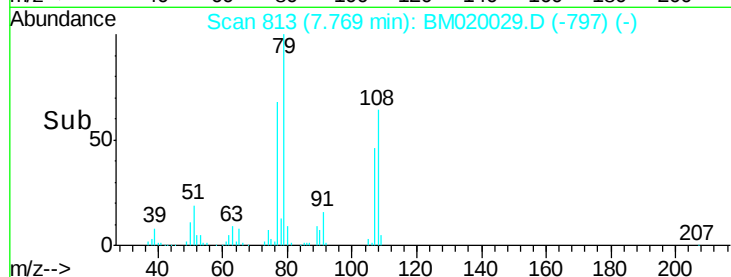
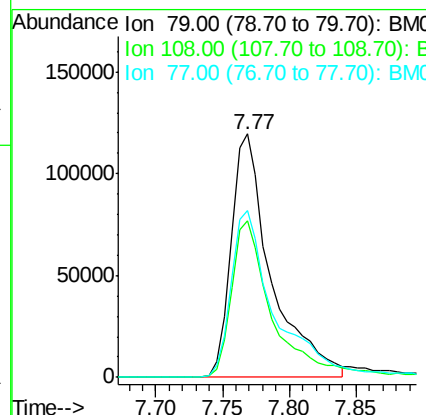
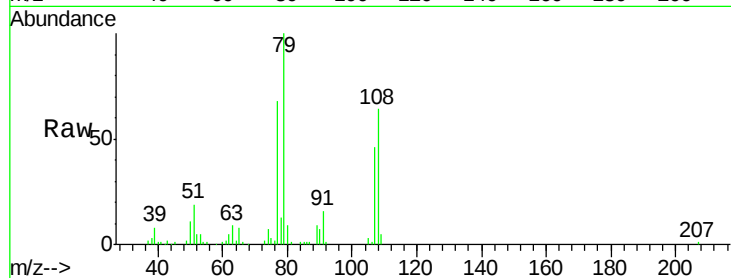
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion:	79	Resp:	250049
Ion Ratio	Lower	Upper	
79	100		
108	64.5	53.9	80.9
77	68.4	53.1	79.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.267 ng

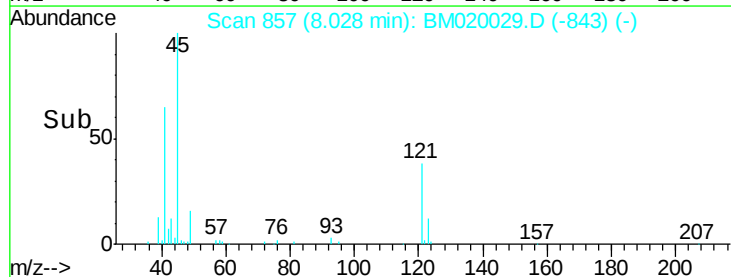
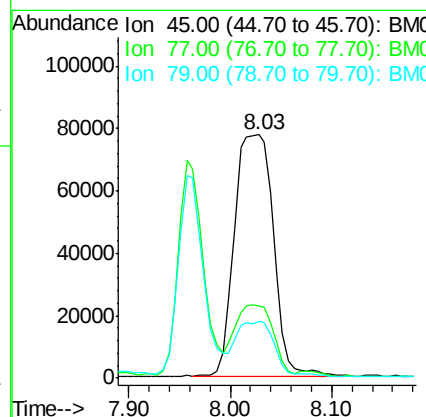
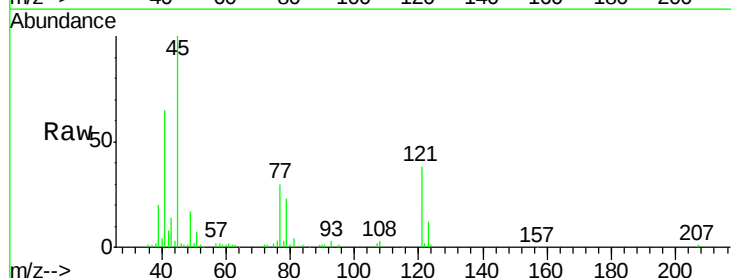
RT: 8.03 min Scan# 857

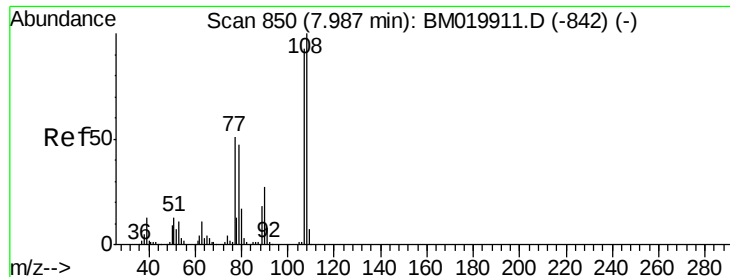
Delta R.T. -0.02 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion:	45	Resp:	204826
Ion Ratio	Lower	Upper	
45	100		
77	29.5	7.2	47.2
79	23.1	1.2	41.2





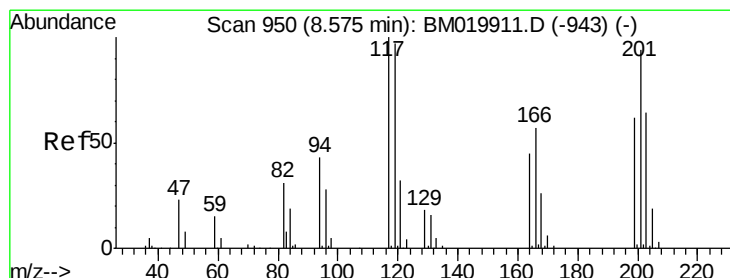
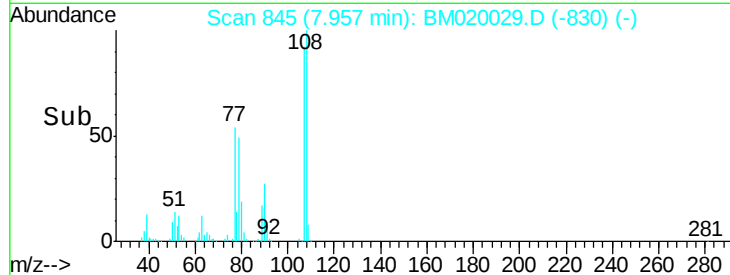
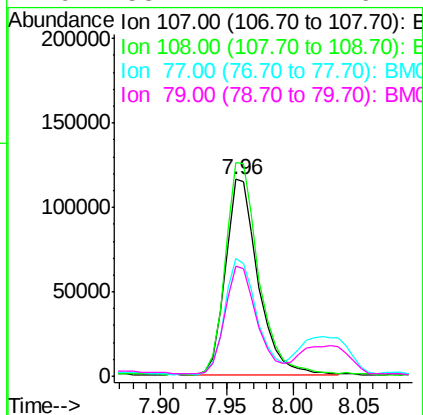
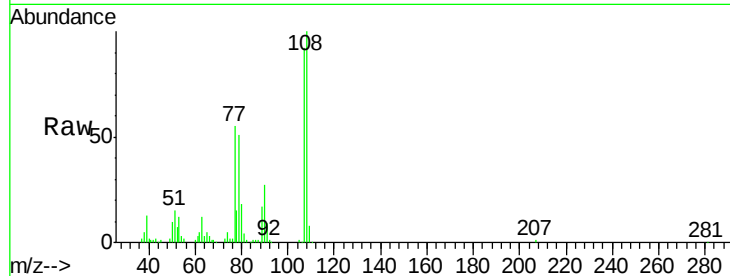
#17
2-Methylphenol
Concen: 33.051 ng
RT: 7.96 min Scan# 845
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	199084		
108	108.5	85.9	128.9	
77	60.0	43.8	65.6	
79	55.7	41.1	61.7	

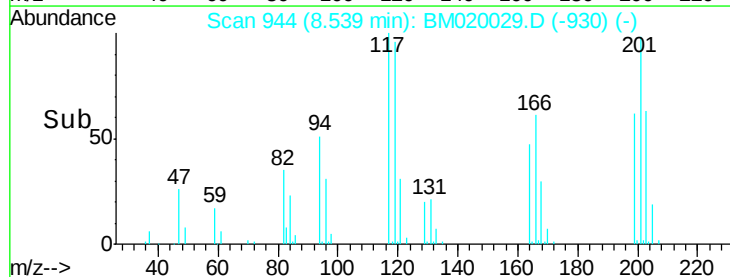
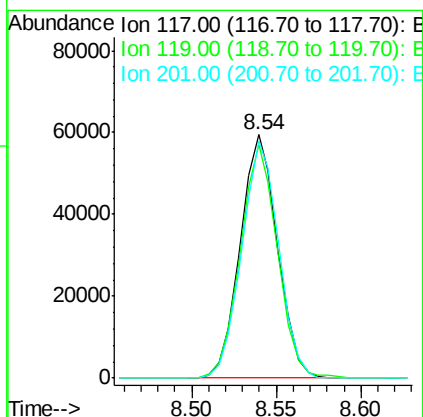
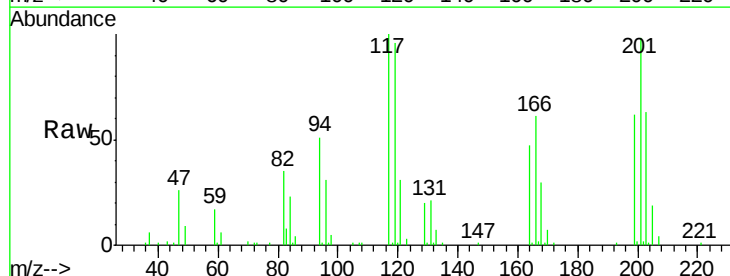
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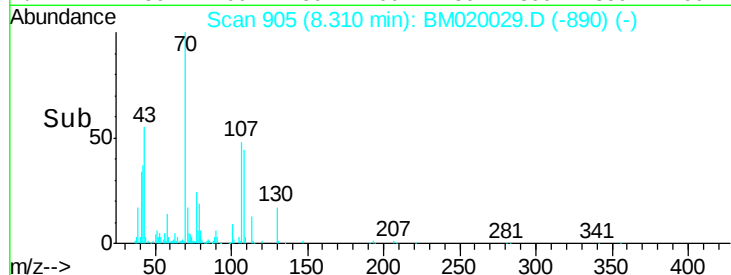
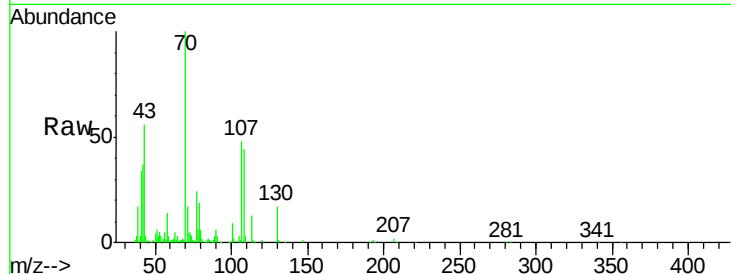
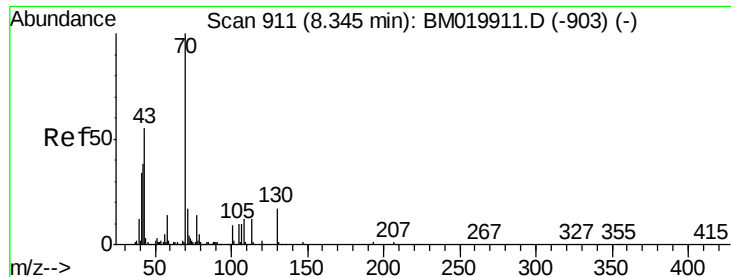
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#18
Hexachloroethane
Concen: 31.837 ng
RT: 8.54 min Scan# 944
Delta R.T. -0.02 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	90744		
119	96.0	77.6	116.4	
201	97.6	75.4	113.2	





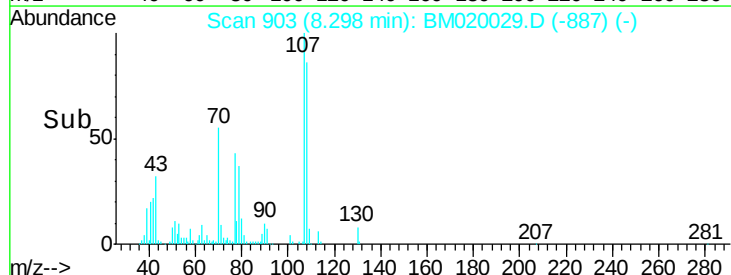
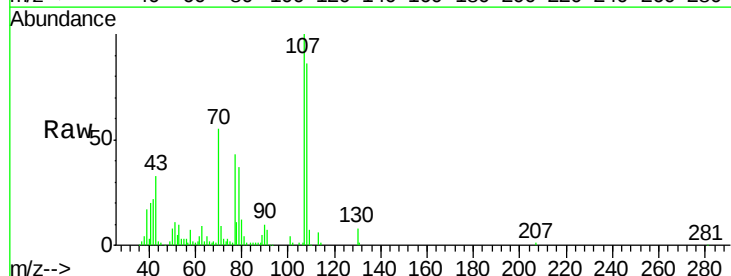
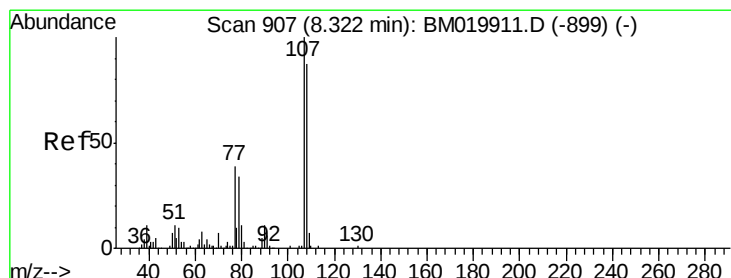
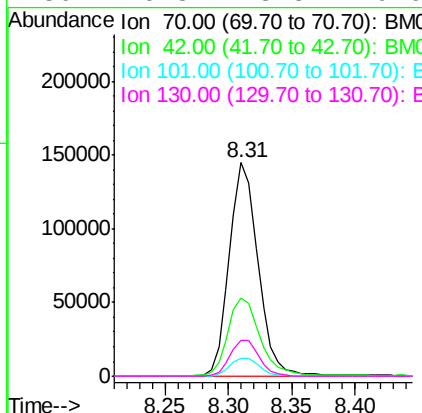
#19
n-Nitroso-di-n-propylamine
Concen: 31.146 ng
RT: 8.31 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		228067		
42	36.6	30.3	45.5		
101	8.5	6.9	10.3		
130	16.8	13.8	20.6		

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

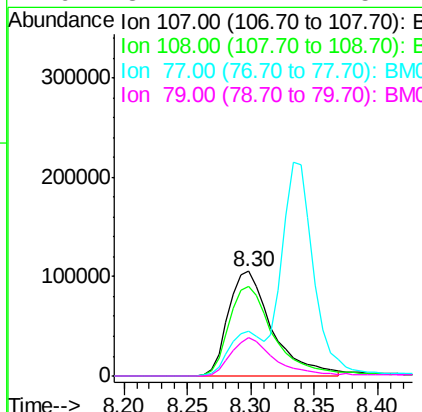
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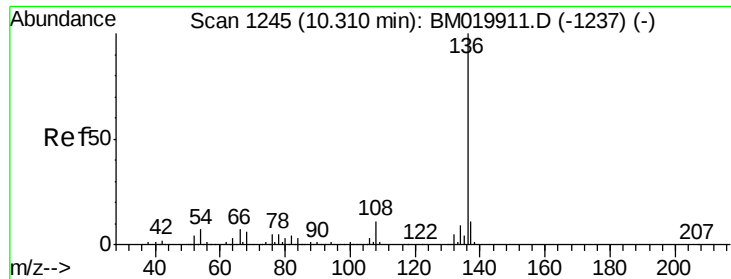
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#20
3+4-Methylphenols
Concen: 30.574 ng
RT: 8.30 min Scan# 903
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		252987		
108	86.2	67.4	107.4		
77	42.9	19.7	59.7		
79	37.2	14.1	54.1		





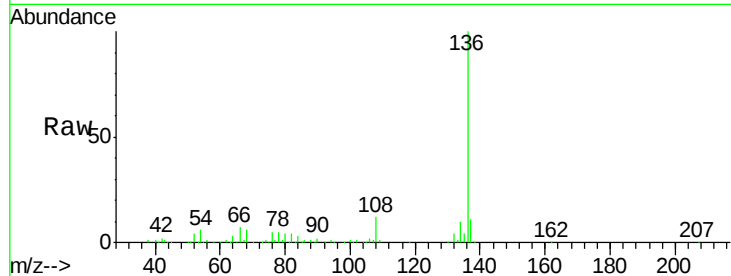
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

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

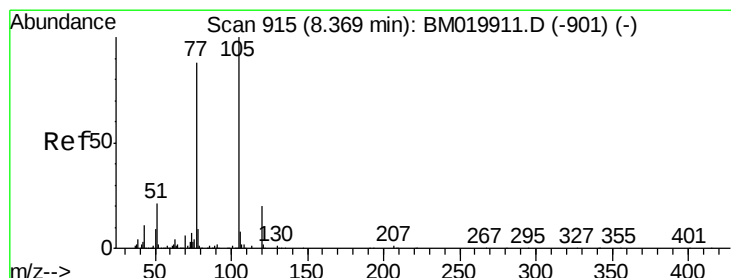
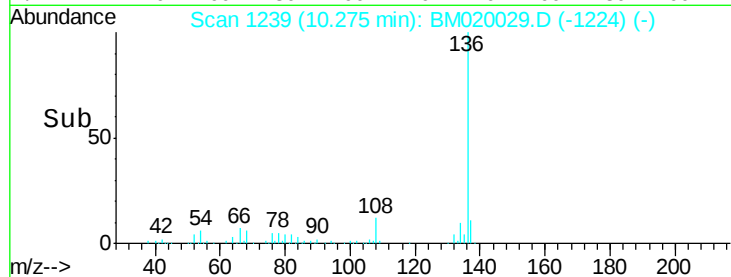
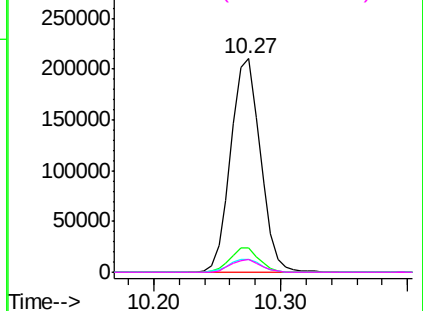
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	340978		
137	11.2	9.0	13.6	
54	6.0	5.3	7.9	
68	6.0	5.2	7.8	

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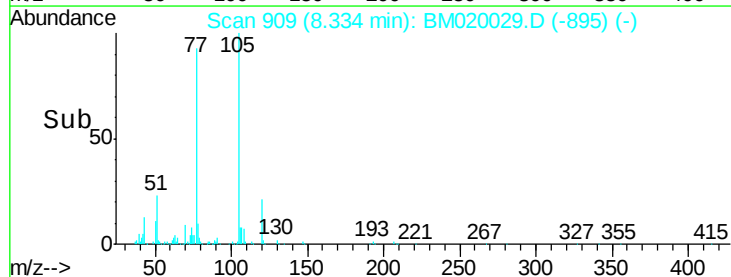
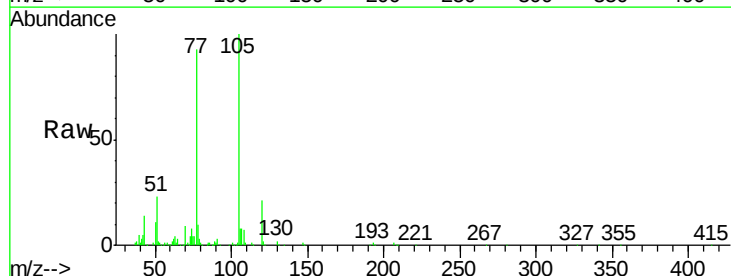
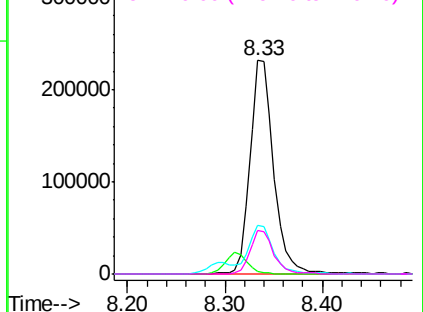
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

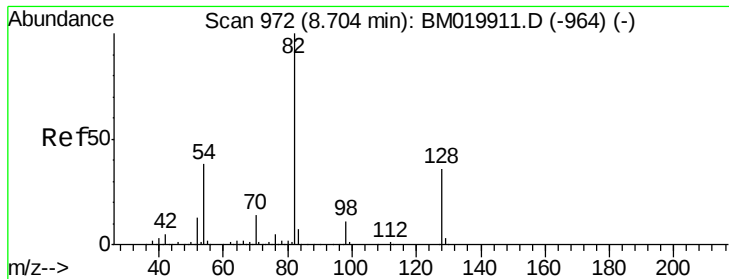


#22
Acetophenone
Concen: 42.474 ng
RT: 8.33 min Scan# 909
Delta R.T. -0.02 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	394468		
71	1.3	0.8	1.2#	
51	22.8	16.9	25.3	
120	20.6	16.4	24.6	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E





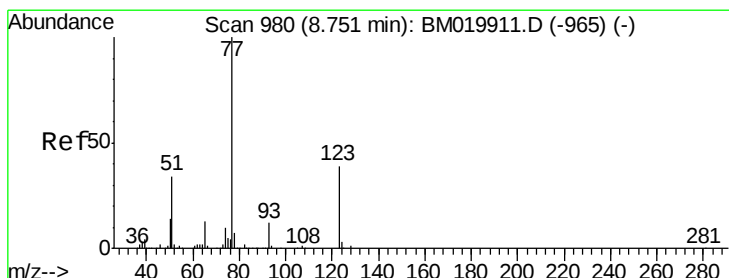
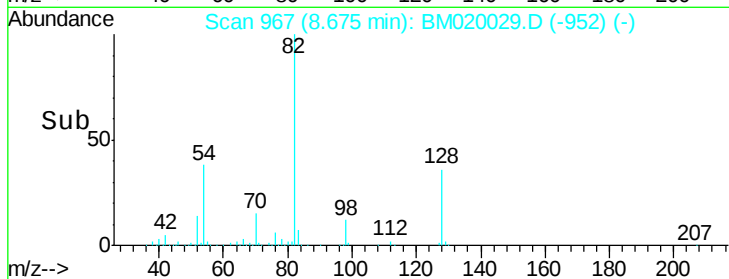
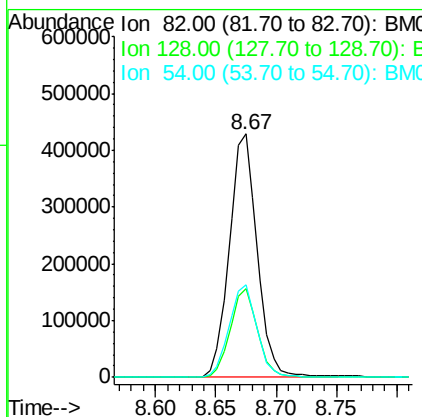
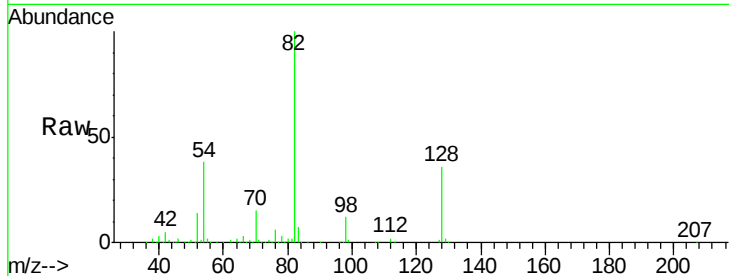
#23
 Nitrobenzene-d5
 Concen: 90.756 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	691970		
128	36.4	29.0	43.4	
54	37.9	30.2	45.4	

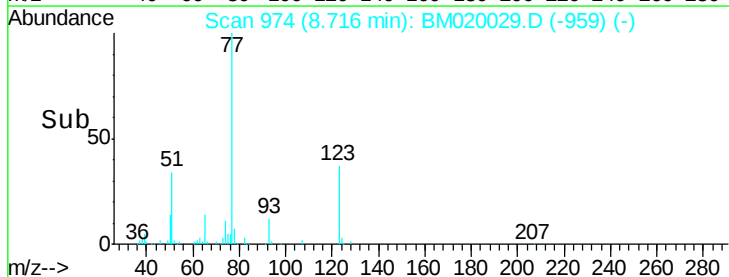
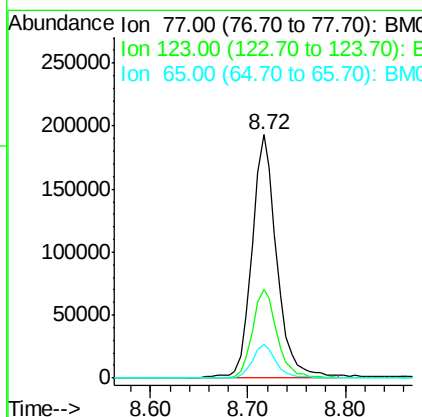
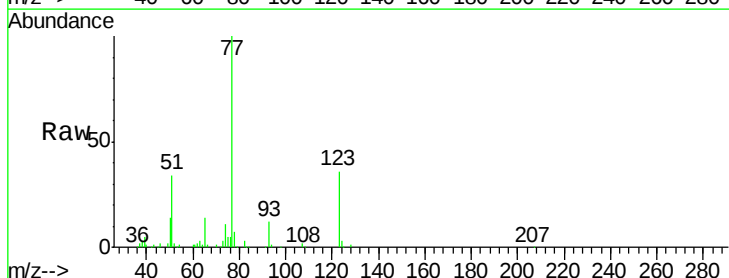
Manual Integrations
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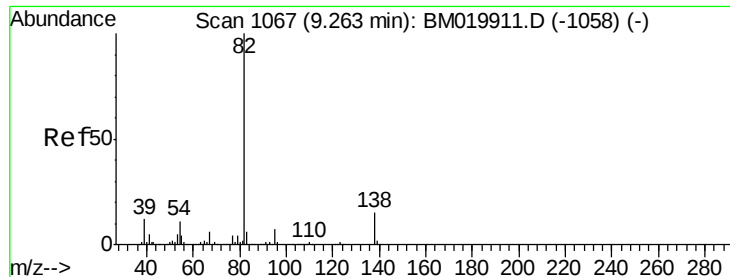
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#24
 Nitrobenzene
 Concen: 43.479 ng
 RT: 8.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	343418		
123	36.4	31.0	46.4	
65	14.0	10.6	16.0	





#25

Isophorone

Concen: 37.661 ng

RT: 9.23 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

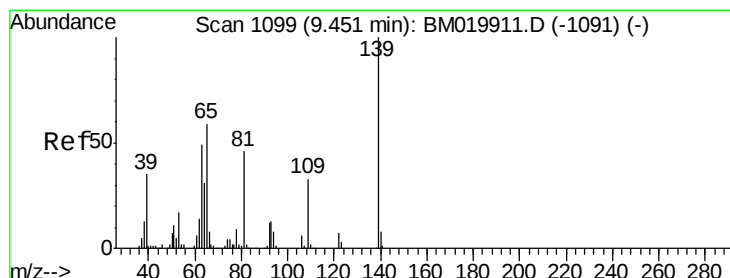
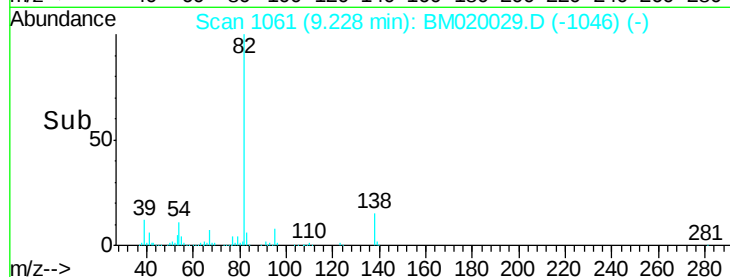
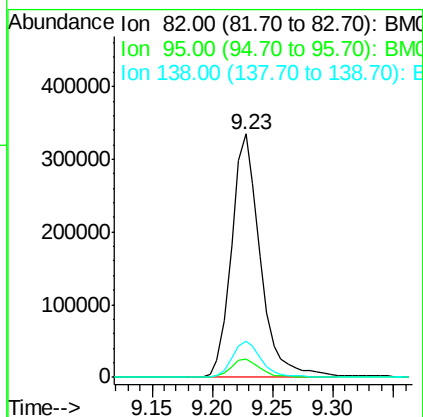
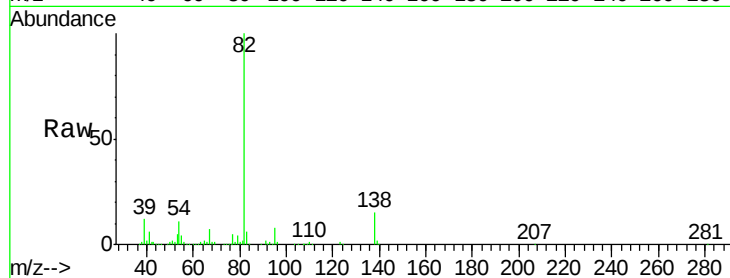
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion:	82	Resp:	558966
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.5	8.3
138	15.1	12.2	18.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.733 ng

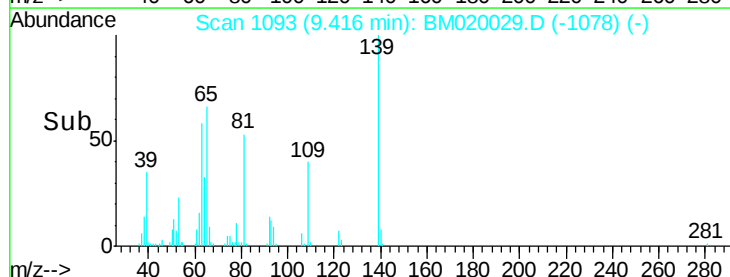
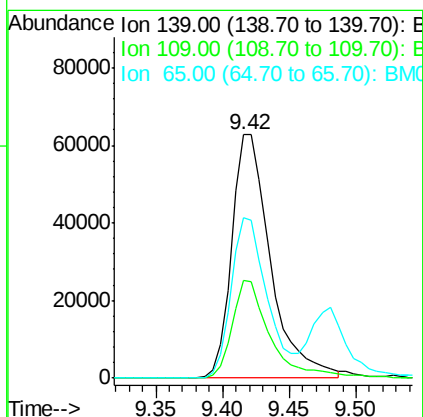
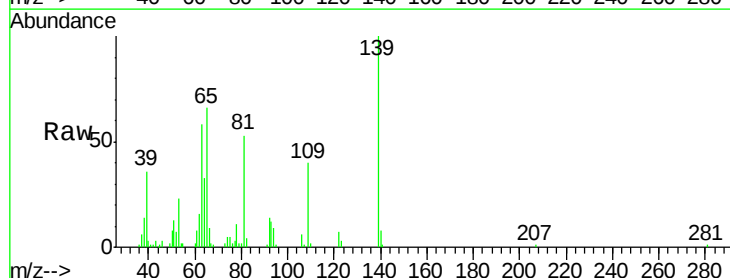
RT: 9.42 min Scan# 1093

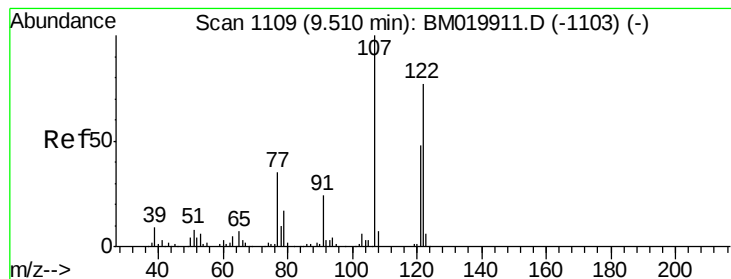
Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion:	139	Resp:	127005
Ion Ratio	Lower	Upper	
139	100		
109	40.1	26.3	39.5#
65	65.9	47.4	71.2





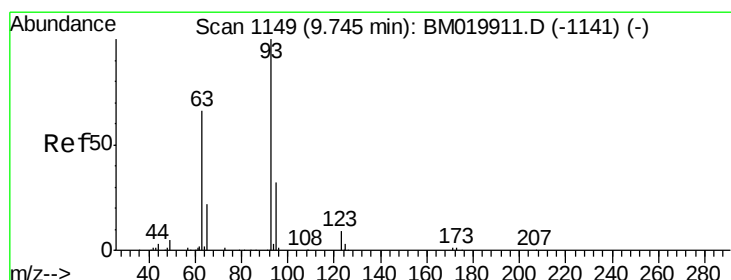
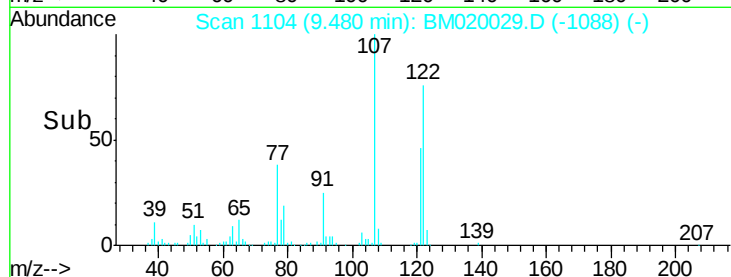
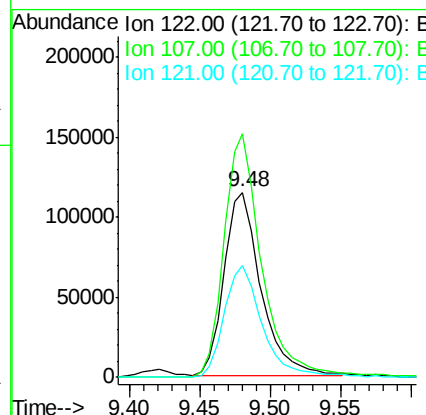
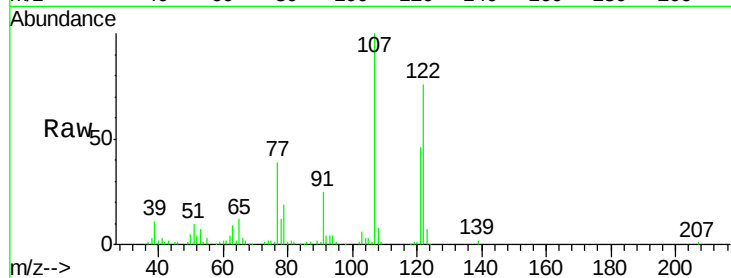
#27
2,4-Dimethylphenol
Concen: 44.127 ng
RT: 9.48 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	210006		
107	131.6	103.1	154.7	
121	60.5	49.8	74.8	

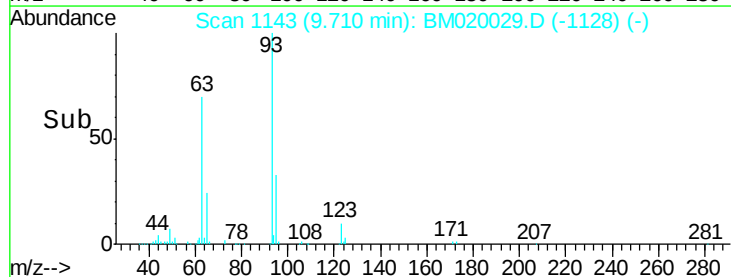
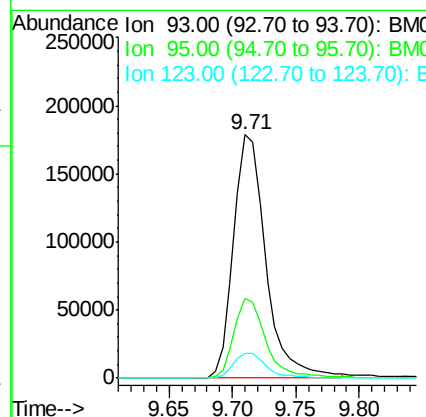
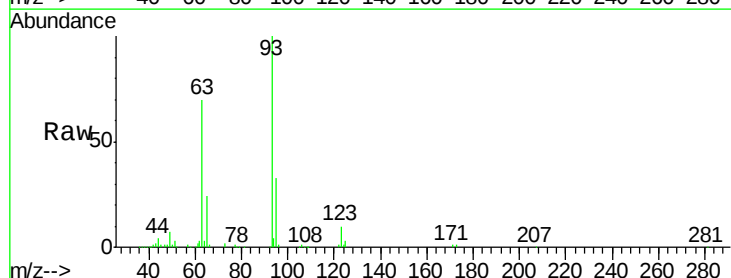
Manual Integrations
APPROVED

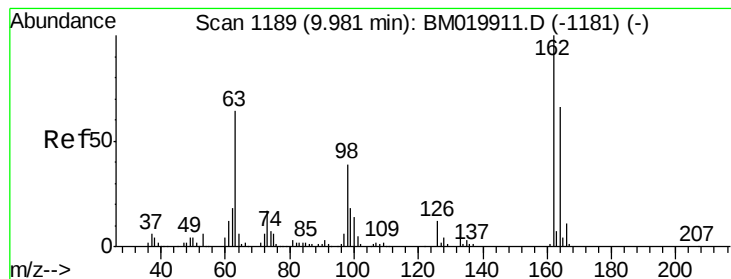
Sohil
4/23/2019 4:13:57 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.074 ng
RT: 9.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	316430		
95	32.6	25.8	38.8	
123	10.0	8.2	12.2	





#29

2,4-Dichlorophenol

Concen: 35.620 ng

RT: 9.96 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

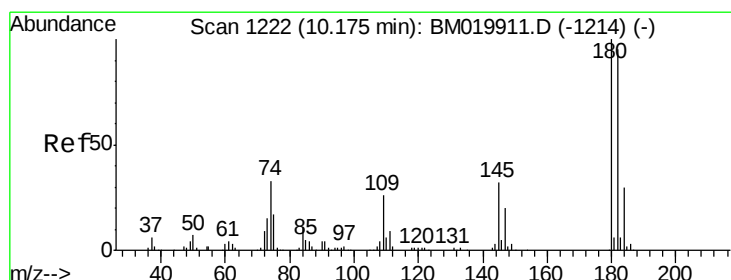
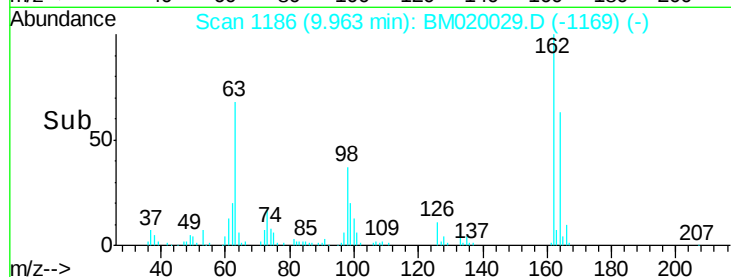
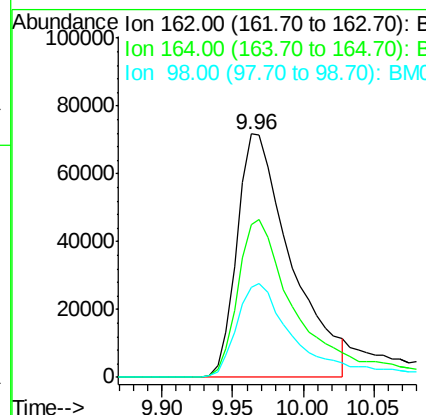
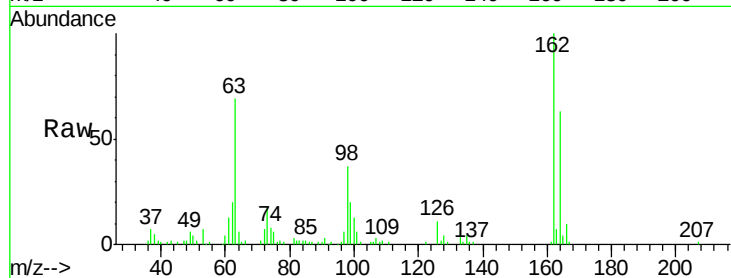
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion:	162	Resp:	192527
Ion Ratio	Lower	Upper	
162	100		
164	62.6	46.3	86.3
98	37.2	19.2	59.2

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#30

1,2,4-Trichlorobenzene

Concen: 40.638 ng

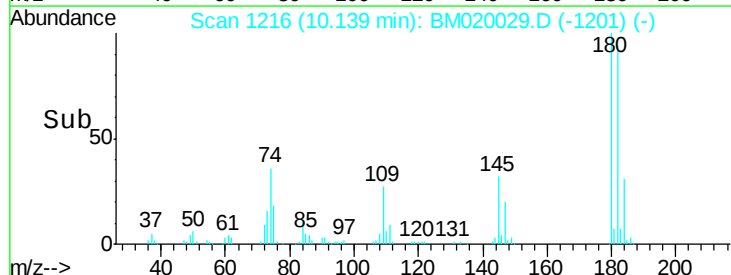
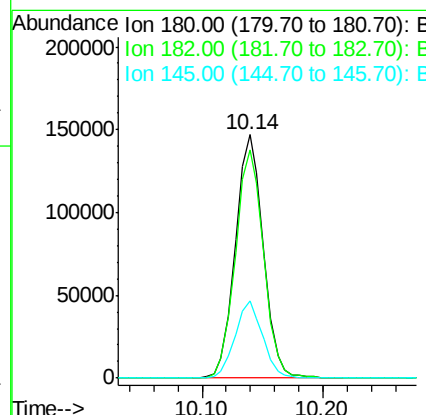
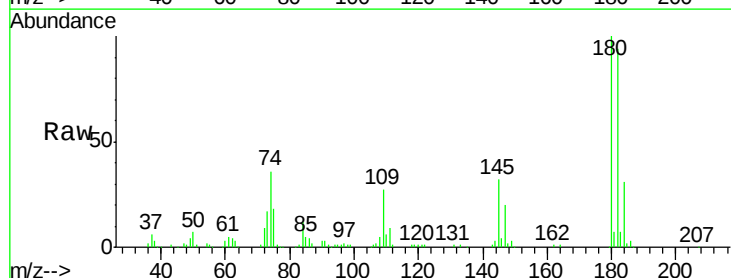
RT: 10.14 min Scan# 1216

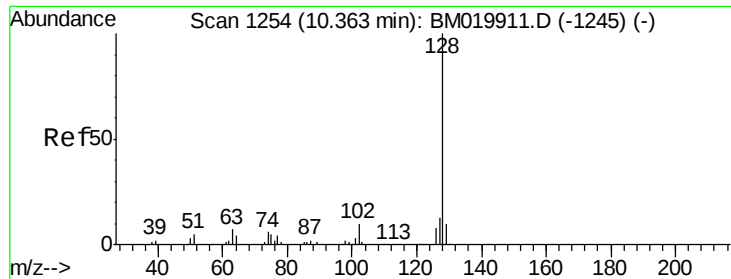
Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion:	180	Resp:	236409
Ion Ratio	Lower	Upper	
180	100		
182	94.0	76.3	114.5
145	31.6	25.5	38.3





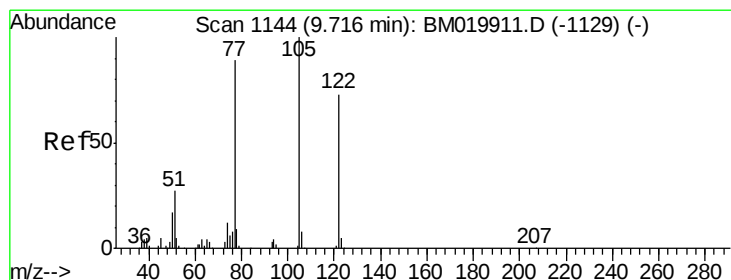
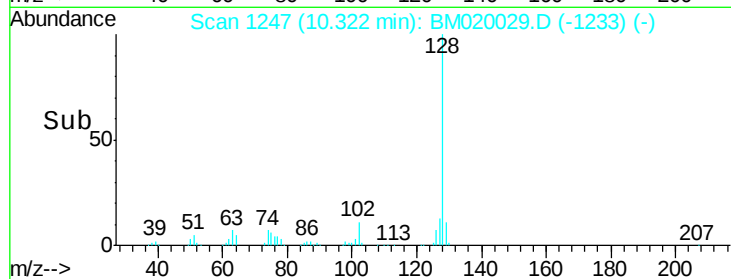
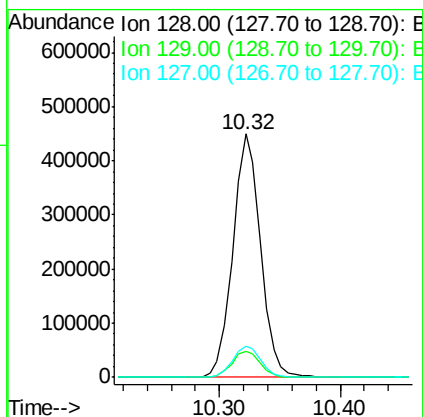
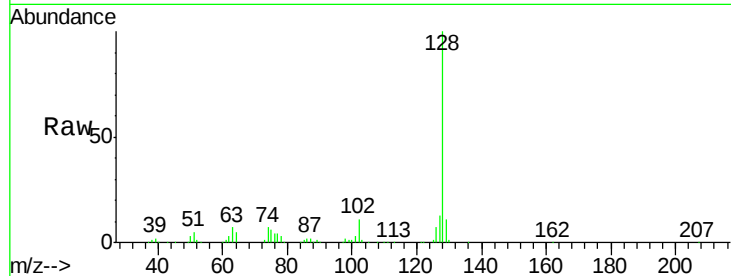
#31
Naphthalene
Concen: 39.128 ng
RT: 10.32 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	715611		
129	10.7		8.3	12.5
127	13.0		10.4	15.6

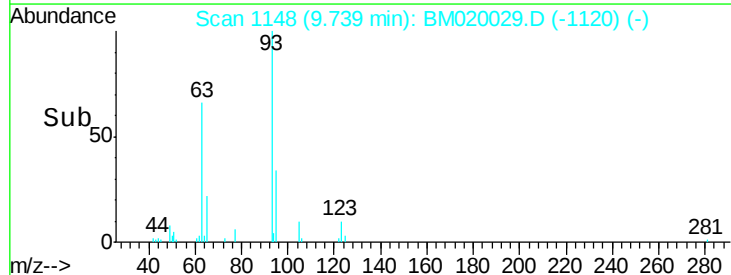
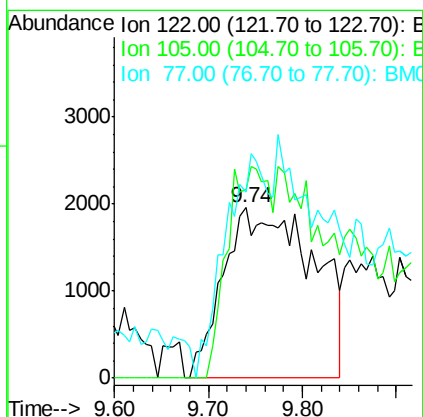
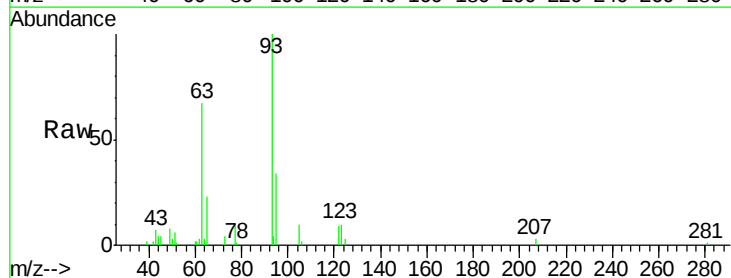
Manual Integrations
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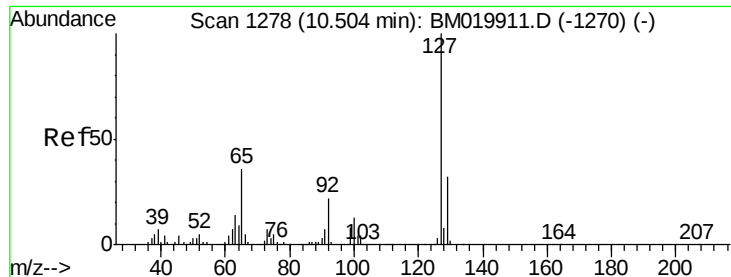
Sohil
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#32
Benzoic acid
Concen: 7.649 ng m
RT: 9.74 min Scan# 1148
Delta R.T. 0.06 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	12910		
105	110.4		114.8	154.8#
77	109.5		100.2	140.2





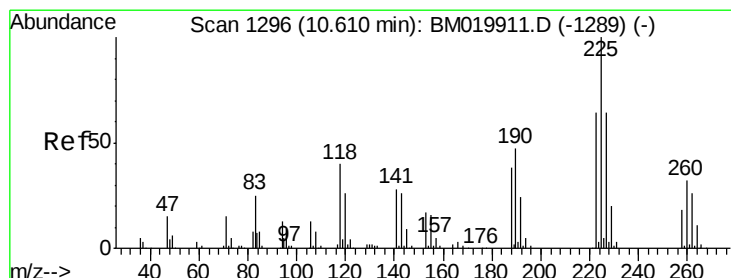
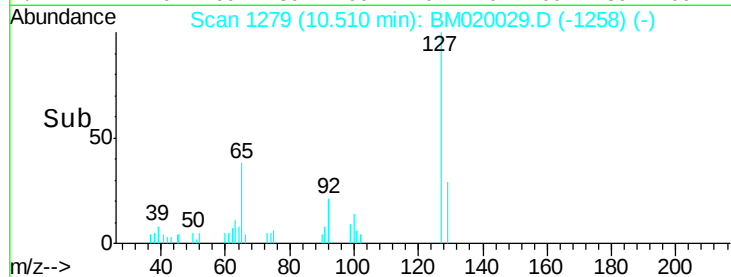
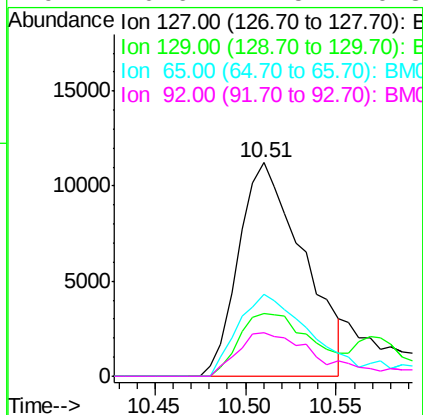
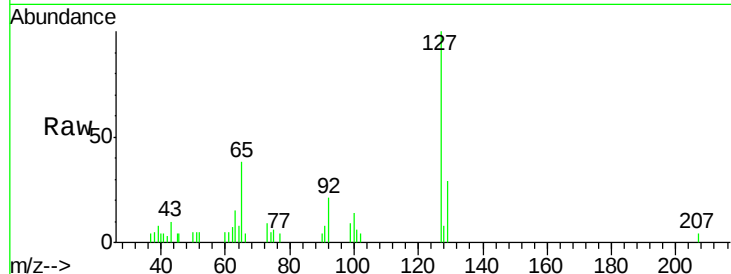
#33
4-Chloroaniline
Concen: 3.708 ng
RT: 10.51 min Scan# 1279
Delta R.T. 0.02 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	27941		
129	29.2	25.4	38.0	
65	38.3	29.2	43.8	
92	20.6	17.5	26.3	

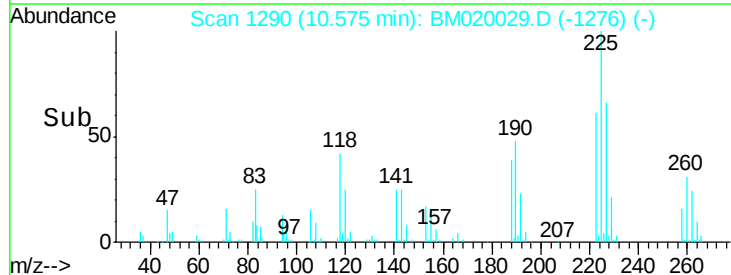
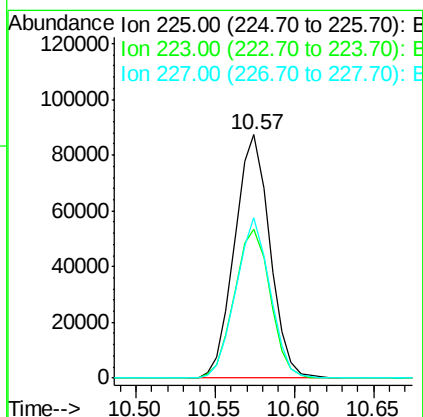
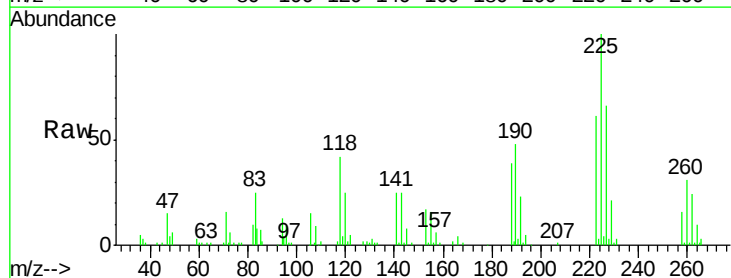
Manual Integrations
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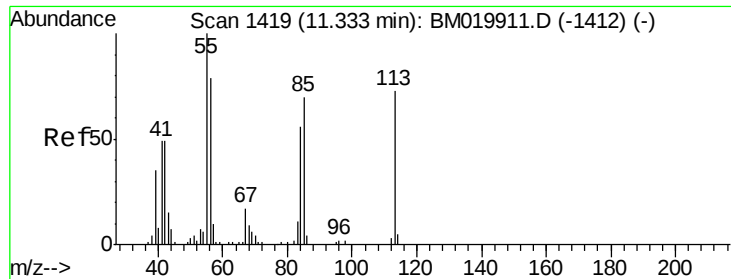
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#34
Hexachlorobutadiene
Concen: 39.280 ng
RT: 10.57 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	134772		
223	61.4	51.4	77.2	
227	65.8	51.0	76.6	





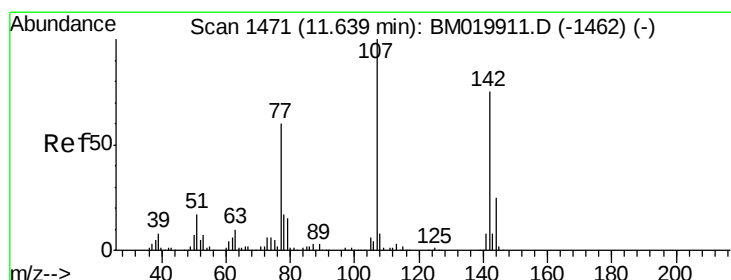
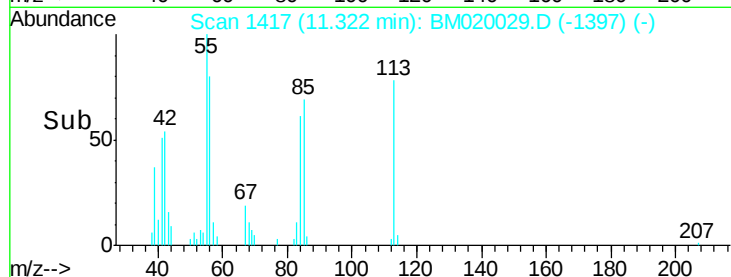
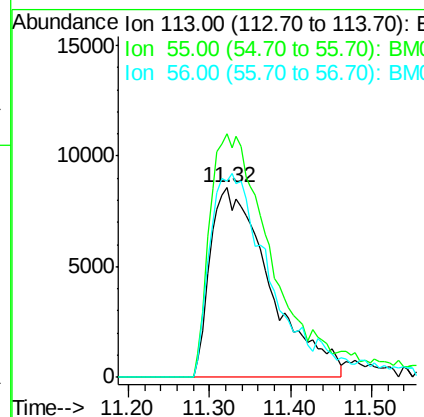
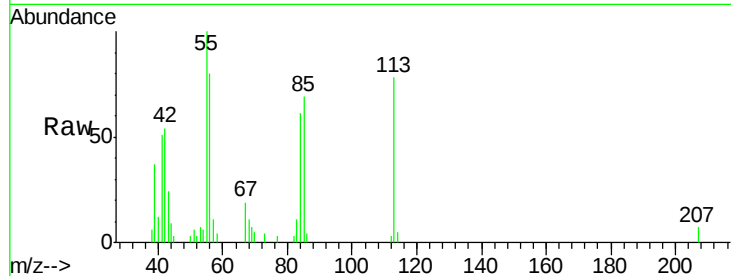
#35
 Caprolactam
 Concen: 21.492 ng m
 RT: 11.32 min Scan# 1417
 Delta R.T. 0.02 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Lower	Upper
113	100		
55	128.5	117.1	157.1
56	103.4	88.2	128.2

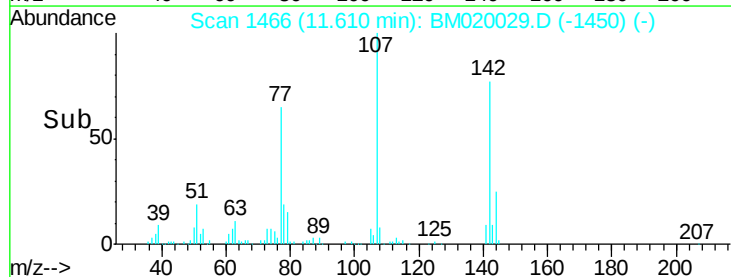
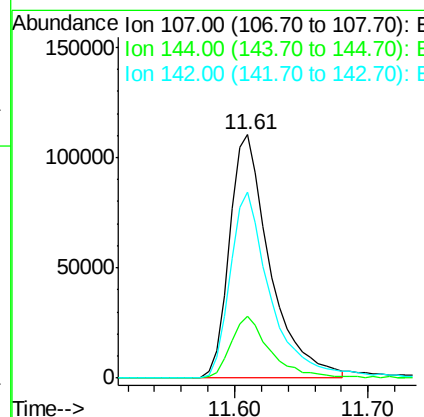
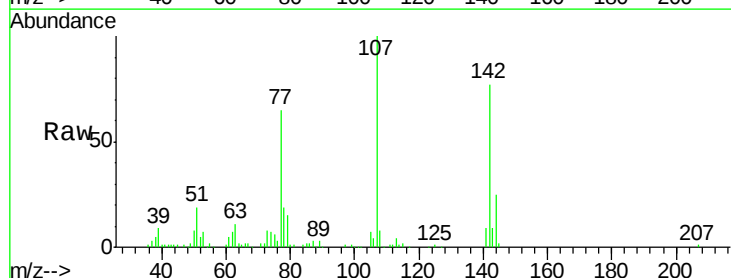
Manual Integrations
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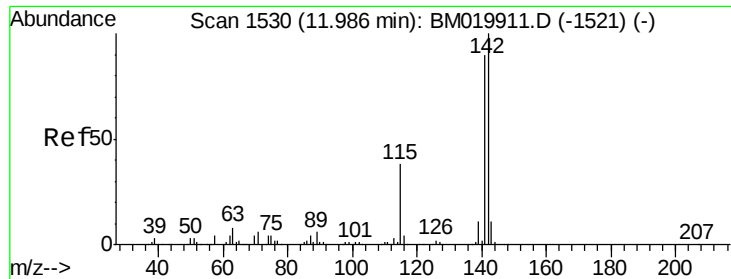
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 34.861 ng
 RT: 11.61 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.8	29.8
142	76.5	60.3	90.5





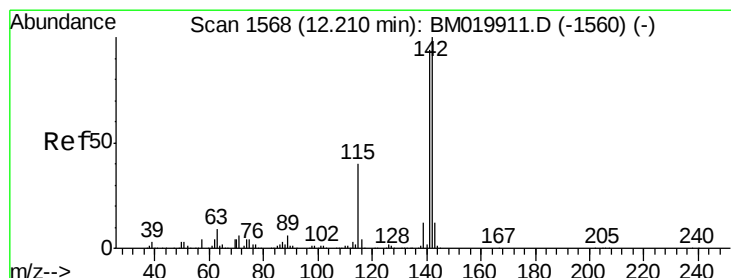
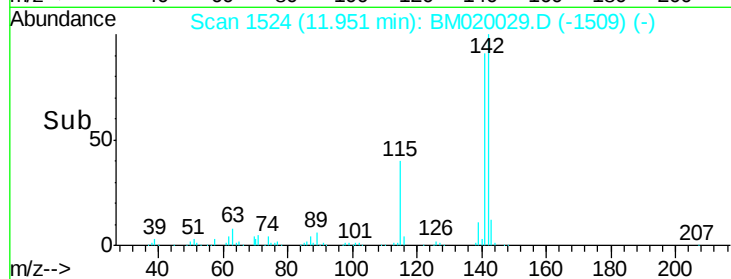
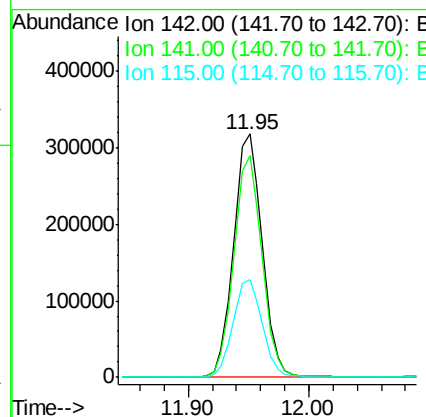
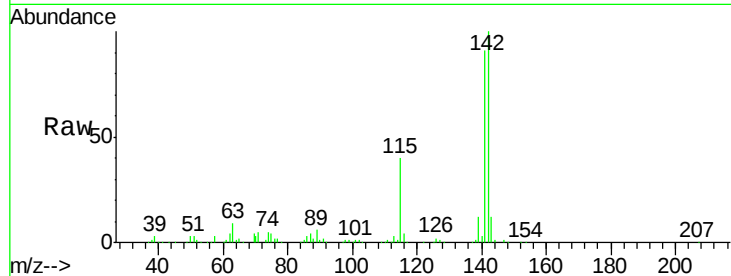
#37
2-Methylnaphthalene
Concen: 39.569 ng
RT: 11.95 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	526863		
141	90.9	72.3	108.5	
115	40.0	30.5	45.7	

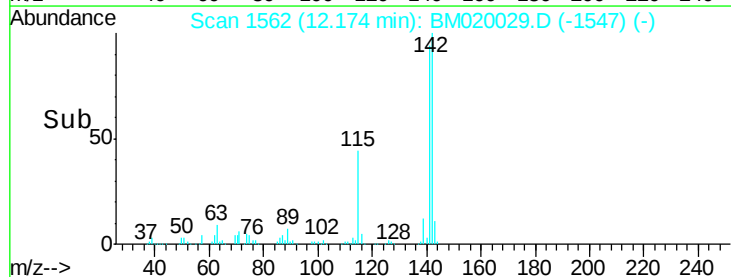
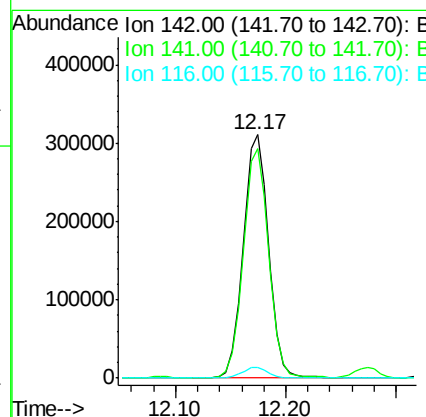
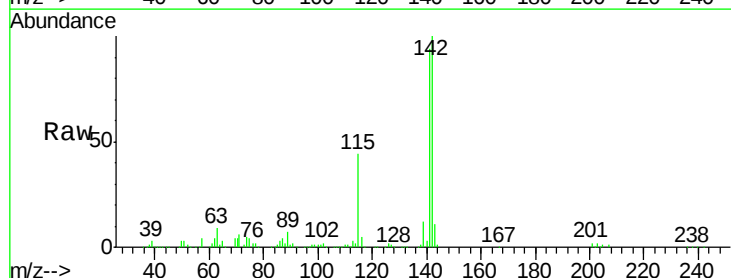
Manual Integrations
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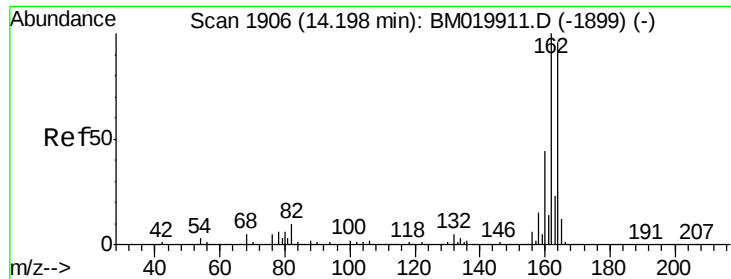
Sohil
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#38
1-Methylnaphthalene
Concen: 38.049 ng
RT: 12.17 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	500234		
141	94.3	75.7	113.5	
116	4.6	3.4	5.2	





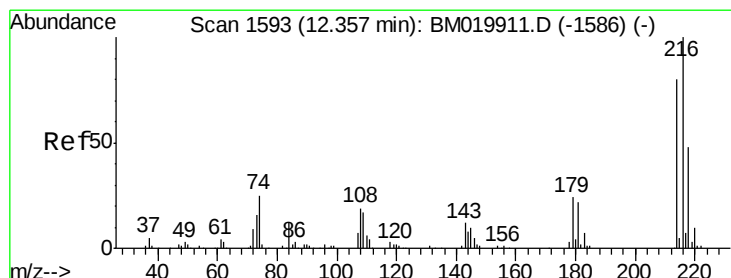
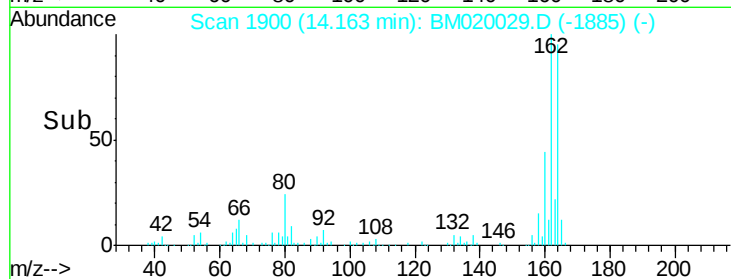
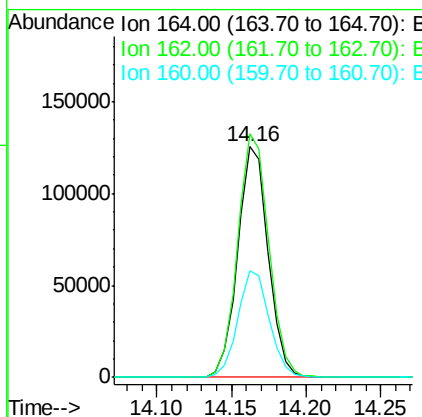
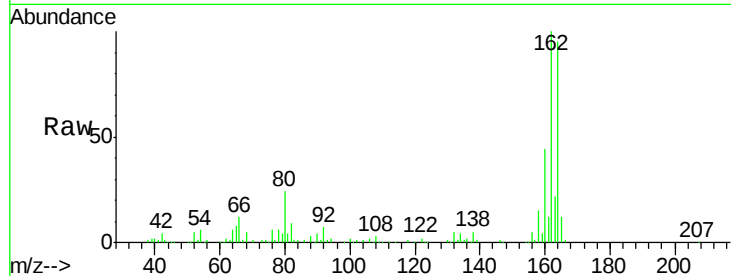
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.16 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	177842		
162	105.7	83.0	124.4	
160	46.6	36.6	55.0	

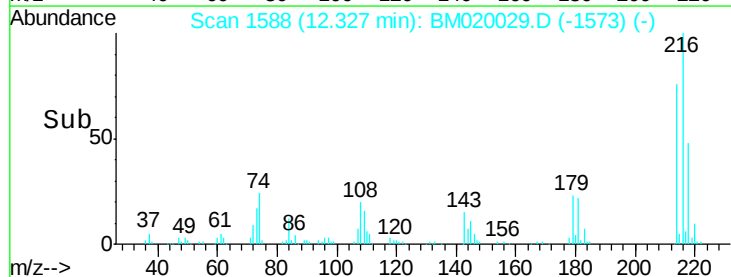
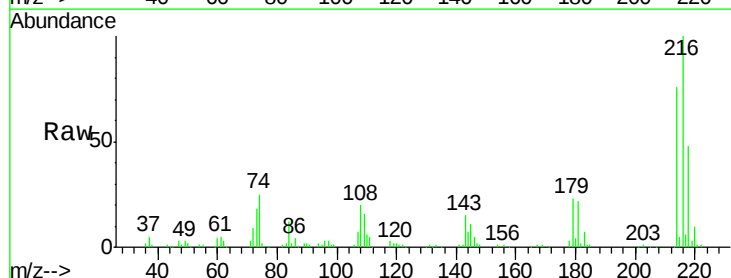
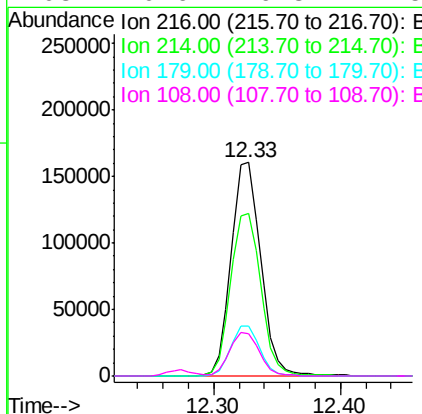
Manual Integrations
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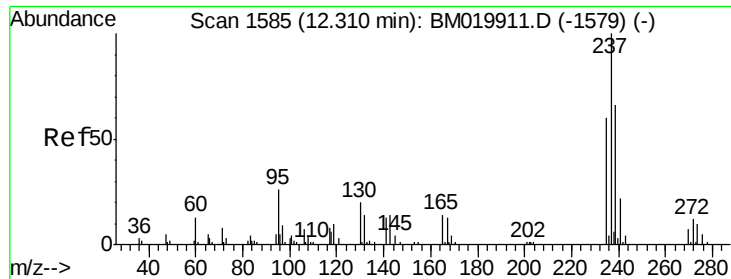
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.462 ng
 RT: 12.33 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	260392		
214	78.1	63.1	94.7	
179	23.1	19.0	28.6	
108	20.6	16.3	24.5	





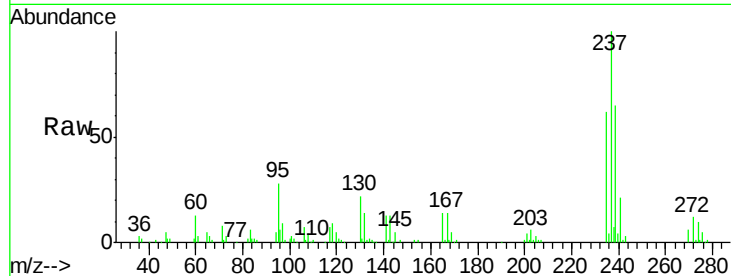
#41
Hexachlorocyclopentadiene
Concen: 76.147 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

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

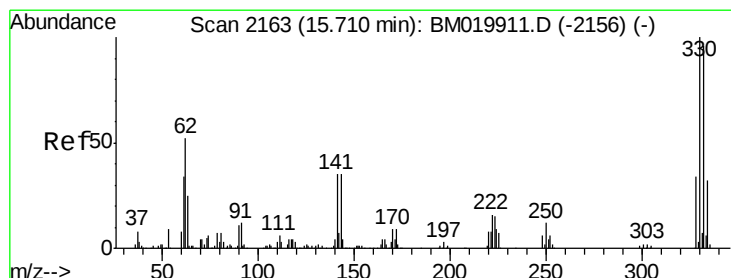
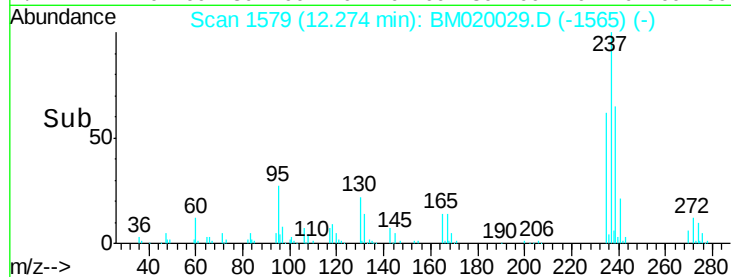
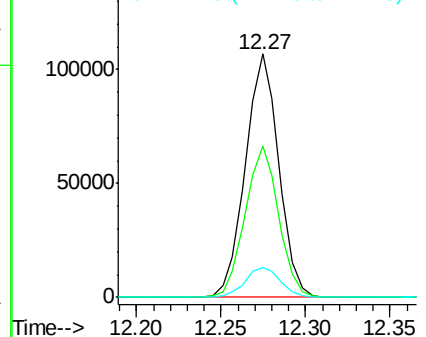
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.2	40.4	80.4
272	12.4	0.0	32.3

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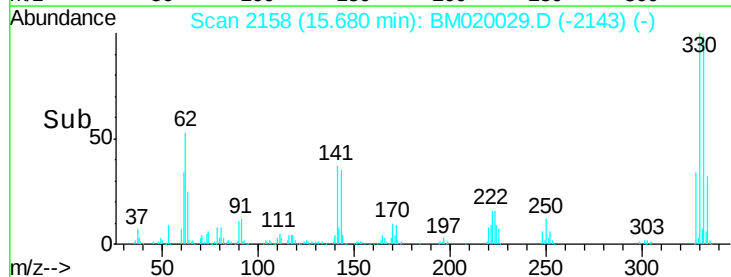
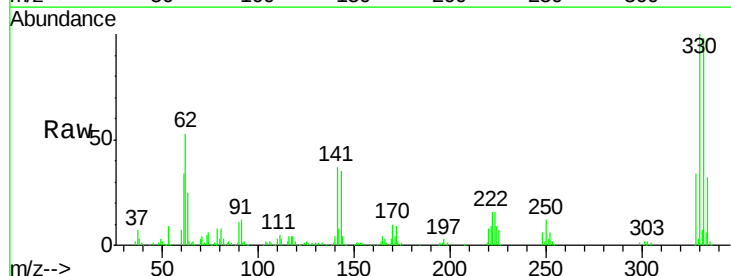
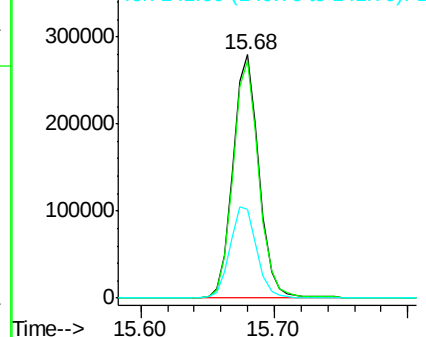
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

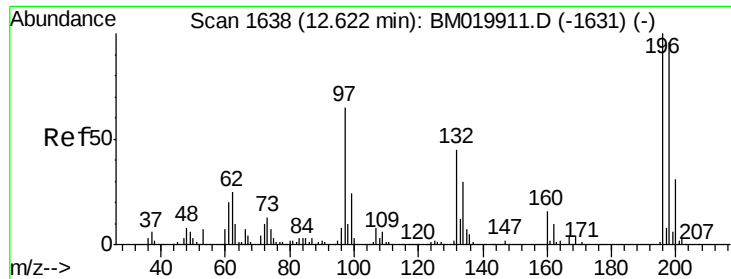


#42
2,4,6-Tribromophenol
Concen: 133.703 ng
RT: 15.68 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.7	77.4	116.2
141	39.1	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





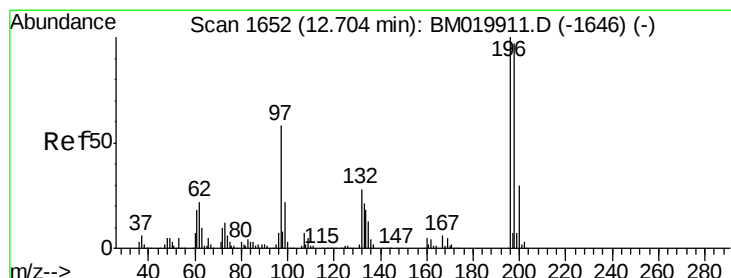
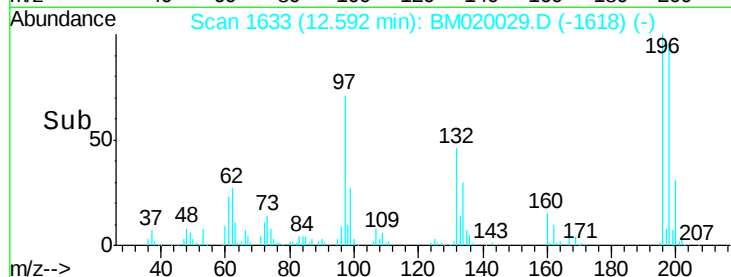
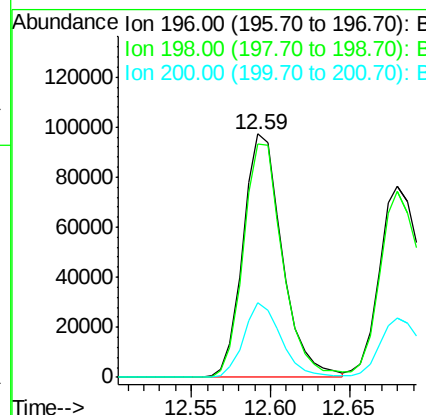
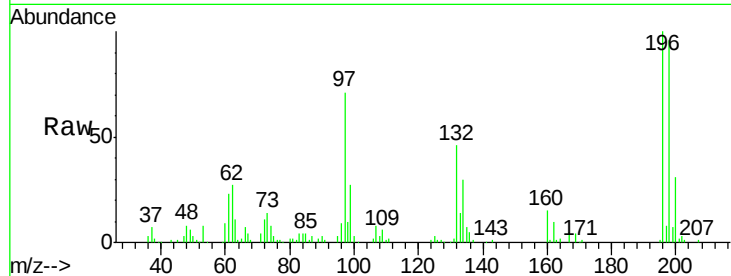
#43
 2,4,6-Trichlorophenol
 Concen: 44.955 ng
 RT: 12.59 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	167213		
198	95.7	76.8	115.2	
200	30.9	24.6	37.0	

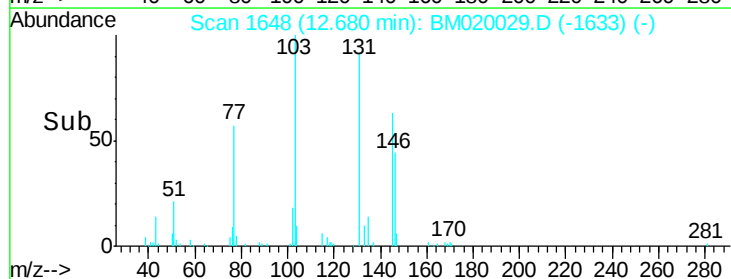
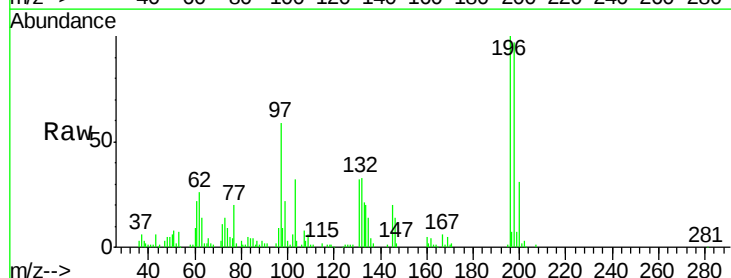
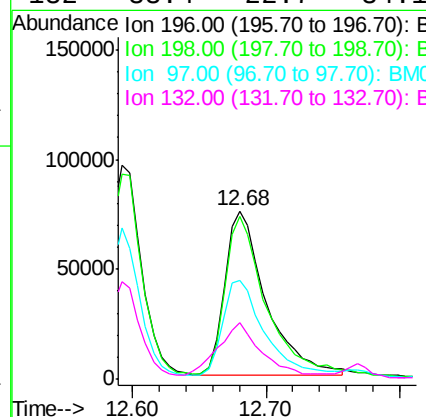
Manual Integrations
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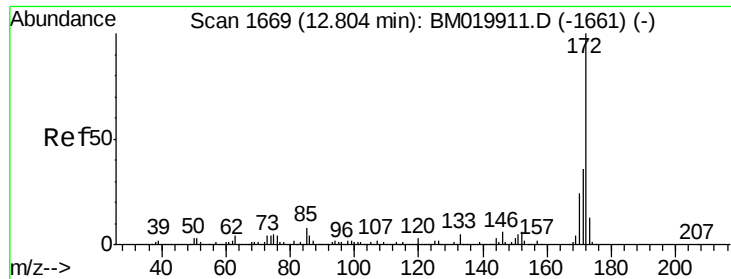
Sohil
 4/23/2019 4:13:57 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.923 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162297		
198	96.9	77.8	116.8	
97	58.5	46.2	69.2	
132	33.4	22.7	34.1	





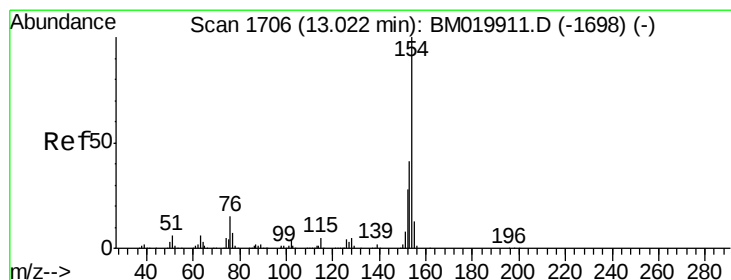
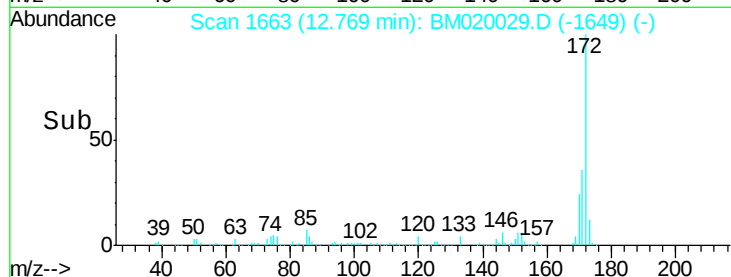
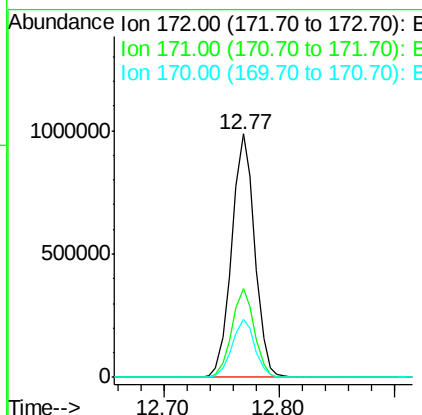
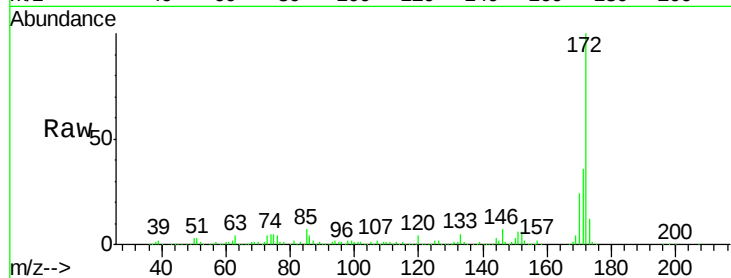
#45
 2-Fluorobiphenyl
 Concen: 95.381 ng
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	23.9	19.0	28.4

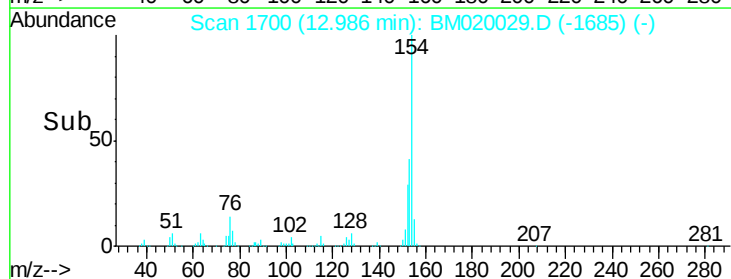
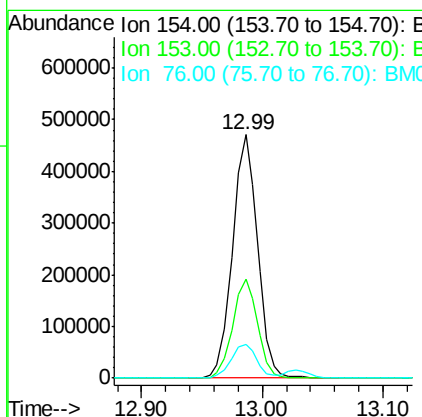
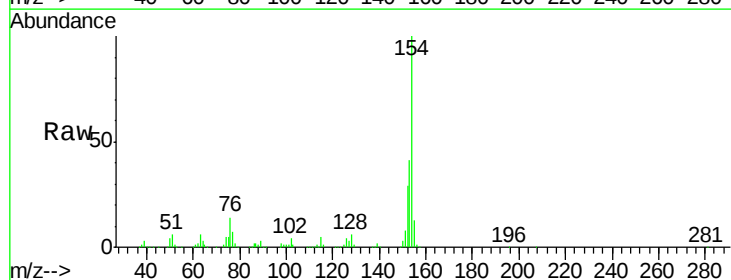
Manual Integrations
 APPROVED

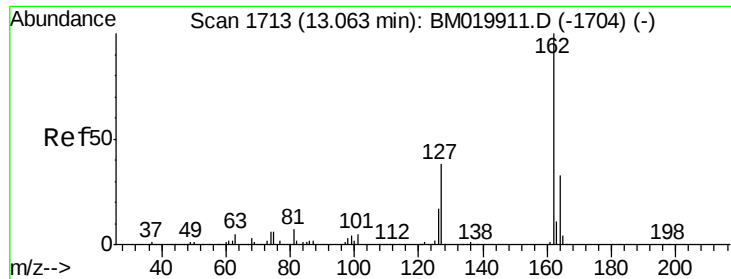
Sohil
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#46
 1,1'-Biphenyl
 Concen: 44.259 ng
 RT: 12.99 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.0	61.0
76	13.6	0.0	34.8





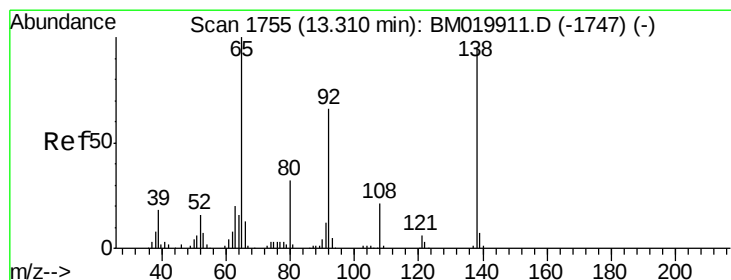
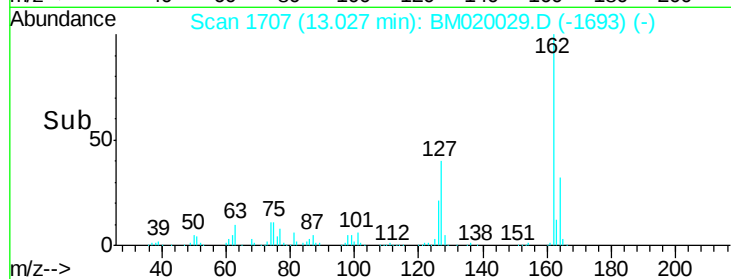
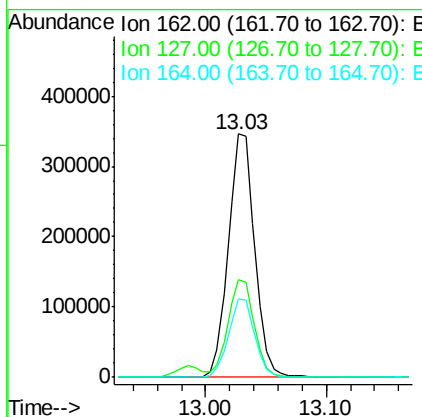
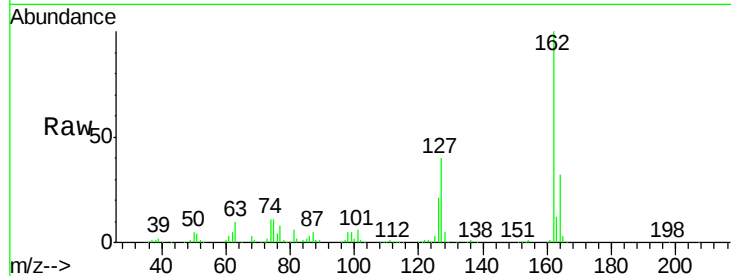
#47
 2-Chloronaphthalene
 Concen: 44.893 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	527462		
127	40.2	32.3	48.5	
164	32.2	26.3	39.5	

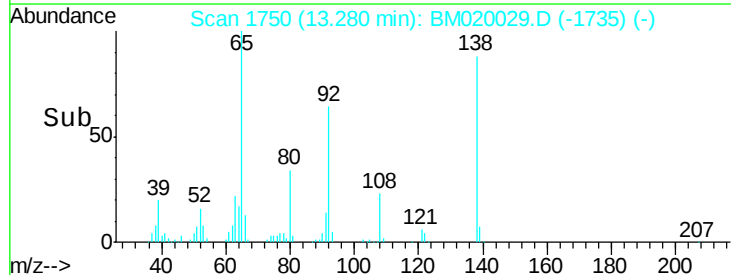
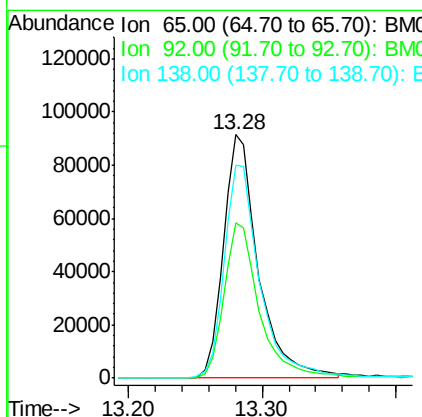
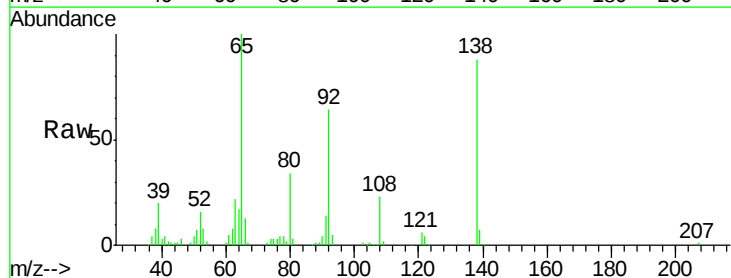
Manual Integrations
 APPROVED

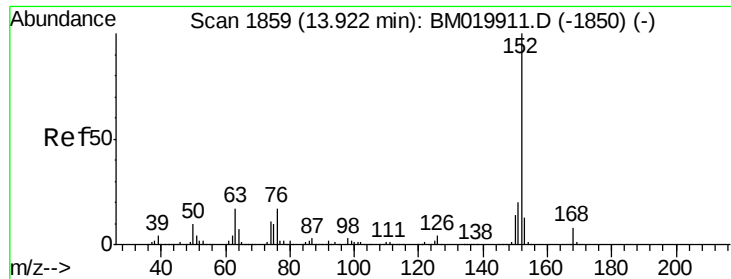
Sohil
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#48
 2-Nitroaniline
 Concen: 39.515 ng
 RT: 13.28 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	167347		
92	63.7	52.9	79.3	
138	87.6	75.8	113.6	





#49

Acenaphthylene

Concen: 40.782 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020029.D

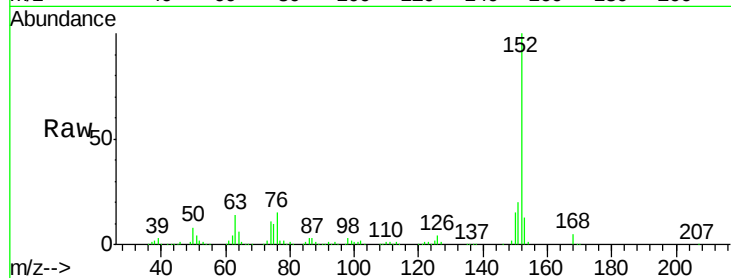
Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

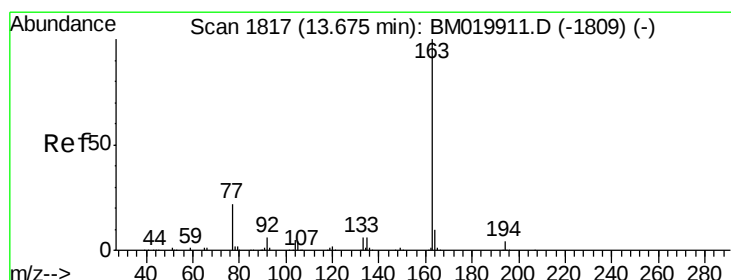
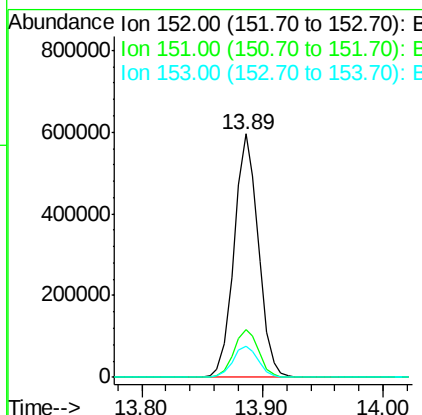
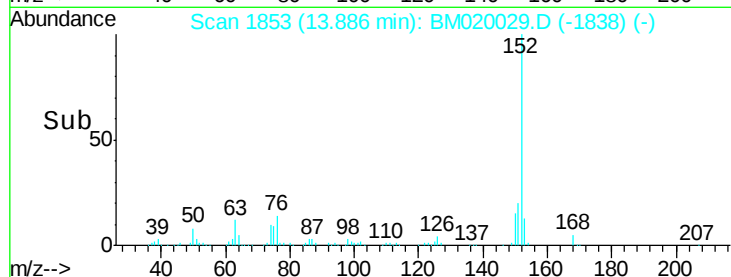
EXCAVATION-NEWARK-SOUTH-PIL



Tgt Ion:	152	Resp:	833694
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.2	24.2
153	12.9	10.6	16.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.837 ng

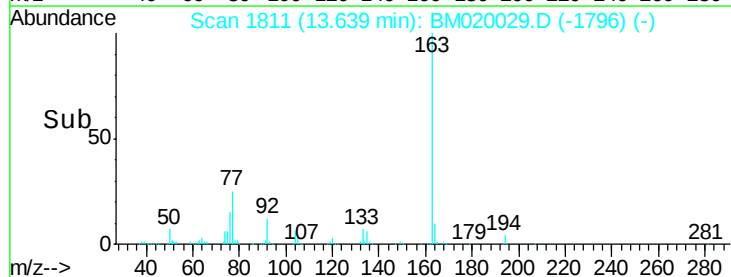
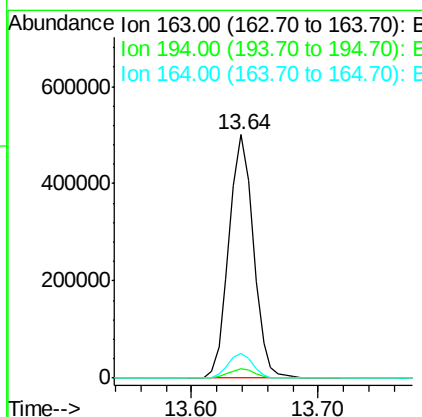
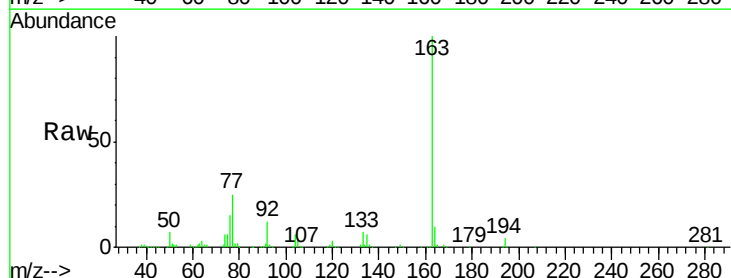
RT: 13.64 min Scan# 1811

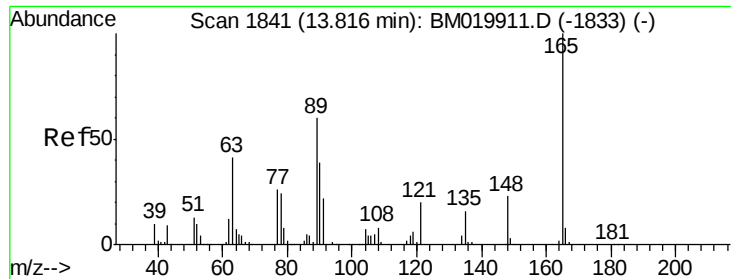
Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion:	163	Resp:	671975
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.1	4.7
164	10.0	7.9	11.9





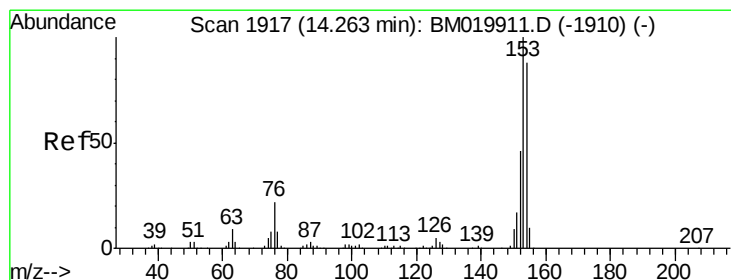
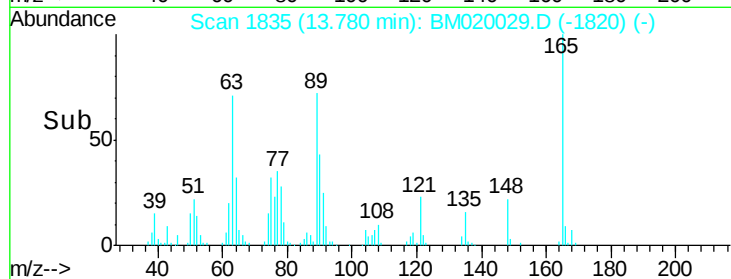
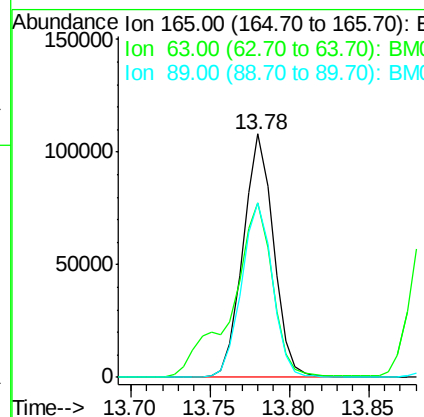
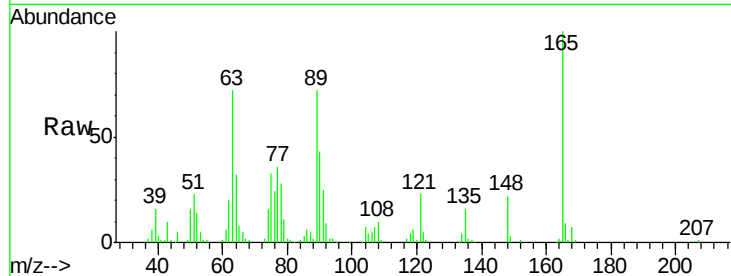
#51
 2,6-Dinitrotoluene
 Concen: 41.491 ng
 RT: 13.78 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	143926		
63	71.8	48.5	72.7	
89	71.9	48.2	72.4	

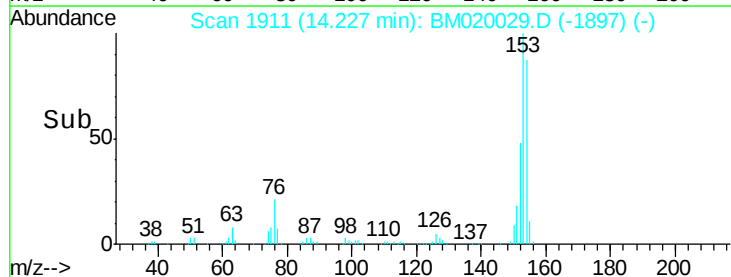
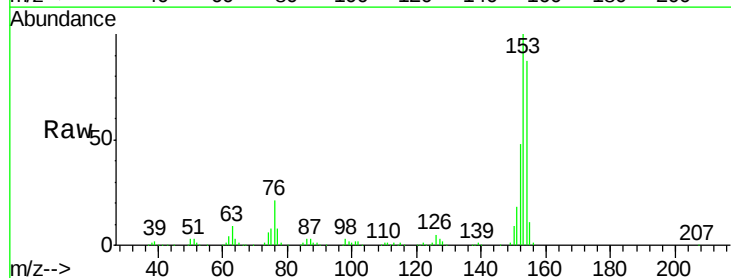
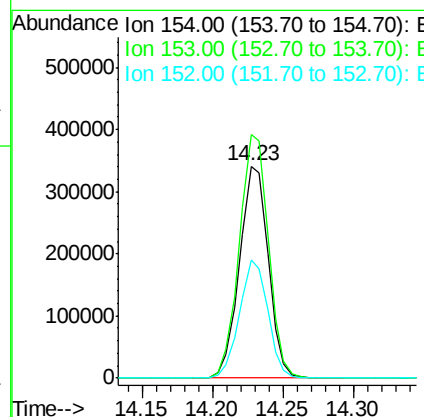
Manual Integrations
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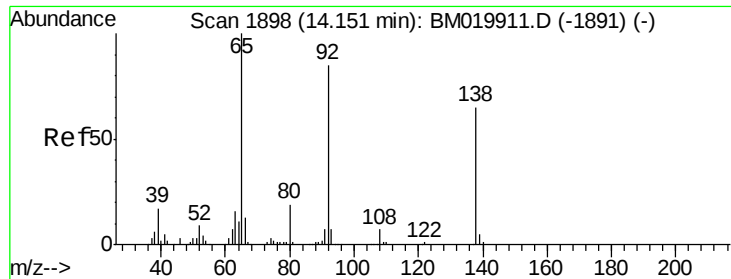
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#52
 Acenaphthene
 Concen: 42.911 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	486394		
153	114.9	91.0	136.4	
152	55.7	42.2	63.2	





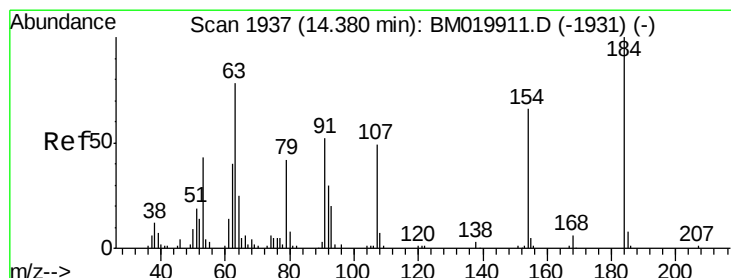
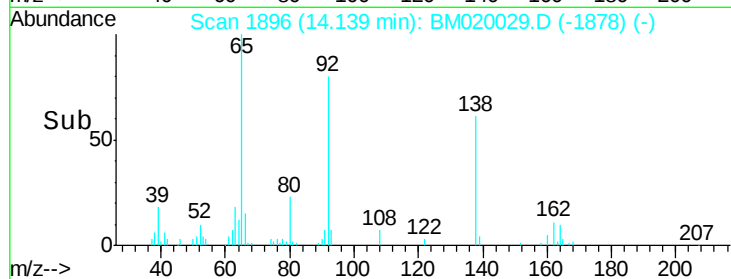
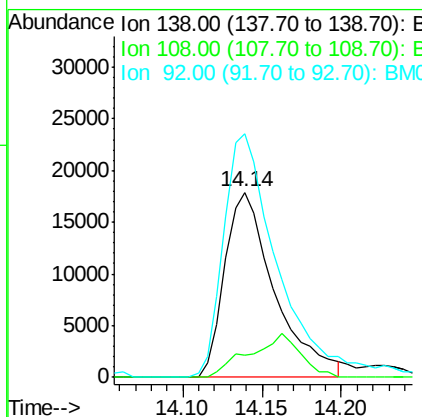
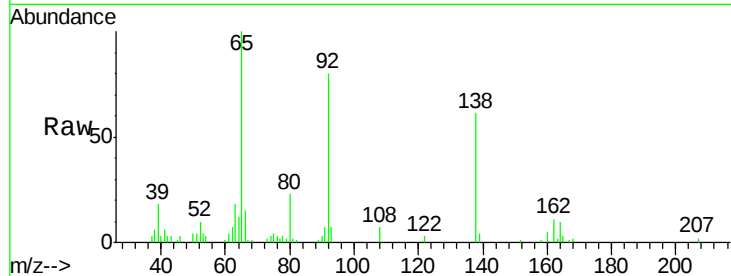
#53
3-Nitroaniline
Concen: 11.332 ng
RT: 14.14 min Scan# 1896
Delta R.T. 0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

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

Tgt Ion:138 Resp: 39251
Ion Ratio Lower Upper
138 100
108 12.1 8.9 13.3
92 131.5 103.8 155.8

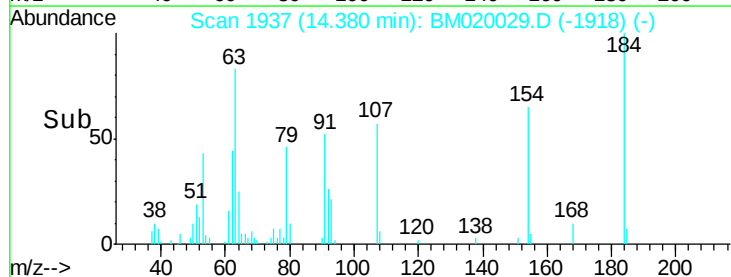
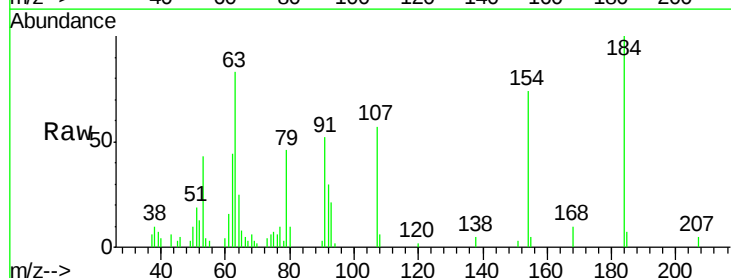
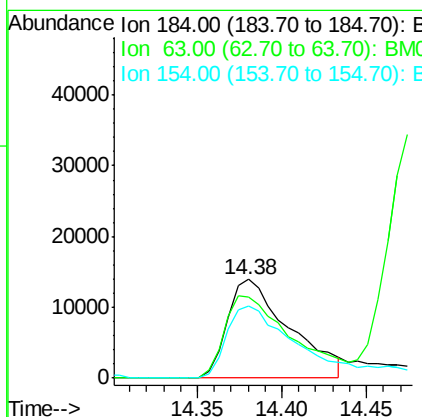
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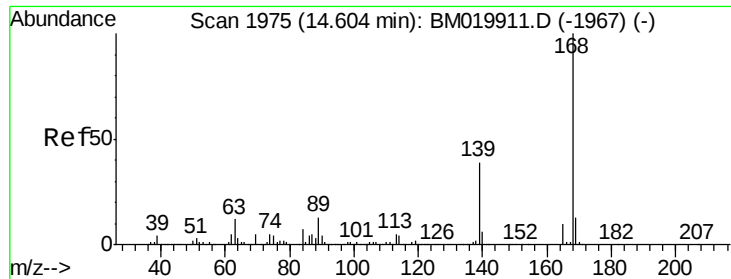
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#54
2,4-Dinitrophenol
Concen: 23.047 ng
RT: 14.38 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion:184 Resp: 35576
Ion Ratio Lower Upper
184 100
63 82.7 62.3 93.5
154 73.5 53.0 79.6





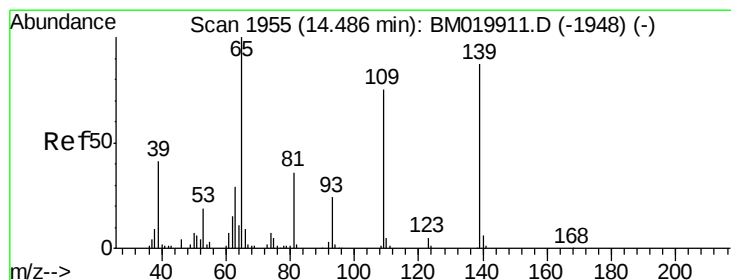
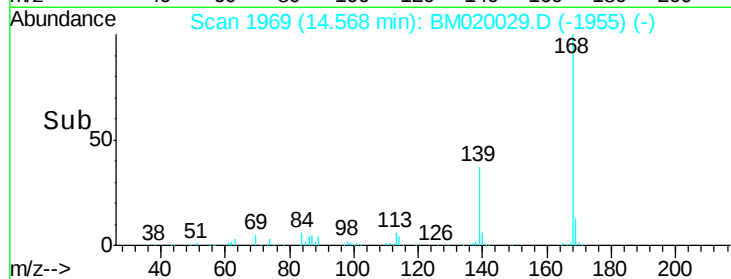
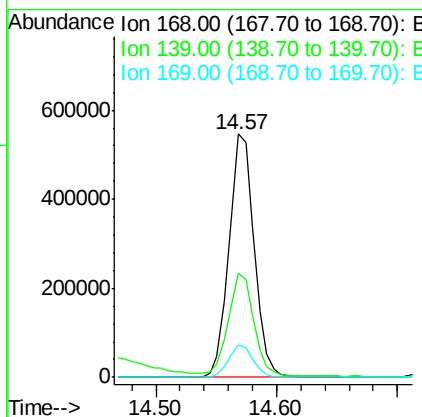
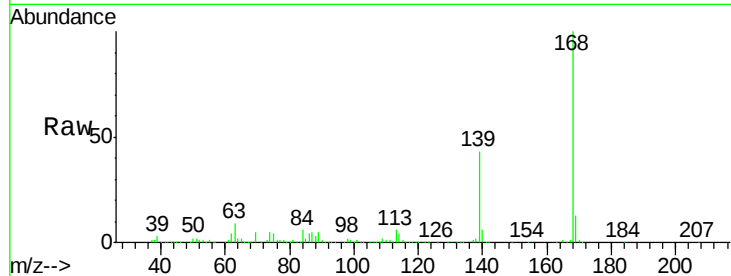
#55
Dibenzofuran
Concen: 42.861 ng
RT: 14.57 min Scan# 1969
Delta R.T. -0.02 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	794446		
139	42.7	31.5	47.3	
169	13.4	10.6	16.0	

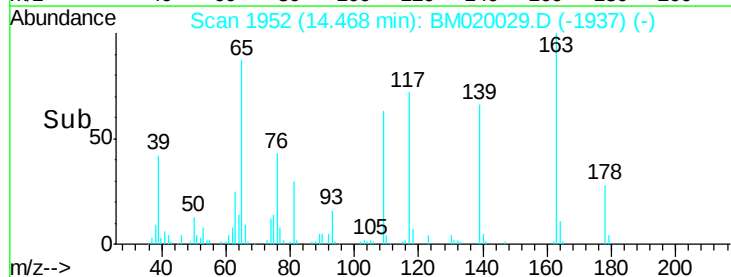
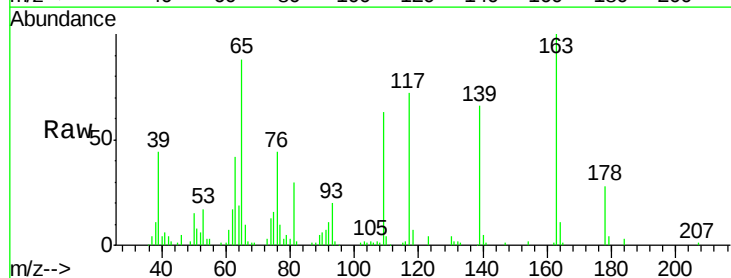
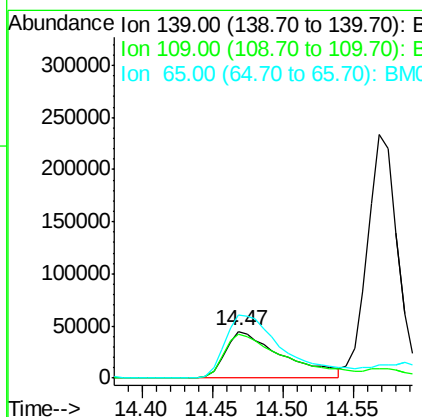
Manual Integrations
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#56
4-Nitrophenol
Concen: 48.544 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	125878		
109	95.2	65.3	105.3	
65	134.4	94.9	134.9	





#57

2,4-Dinitrotoluene

Concen: 39.096 ng

RT: 14.59 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BM020029.D

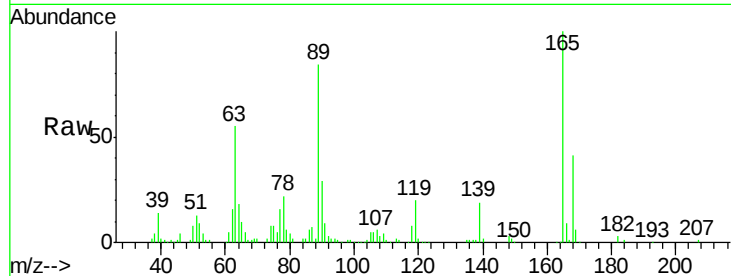
Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL



Tgt Ion:165 Resp: 194939

Ion Ratio Lower Upper

165 100

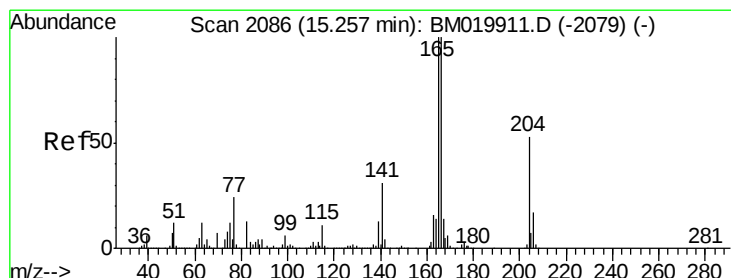
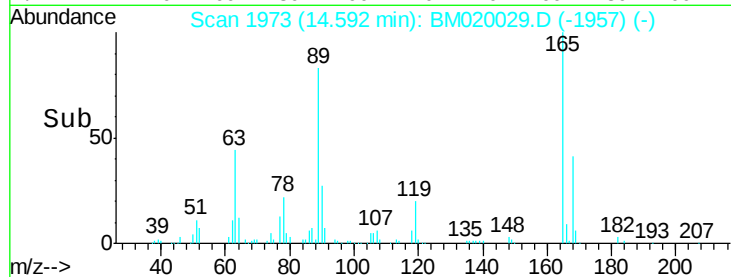
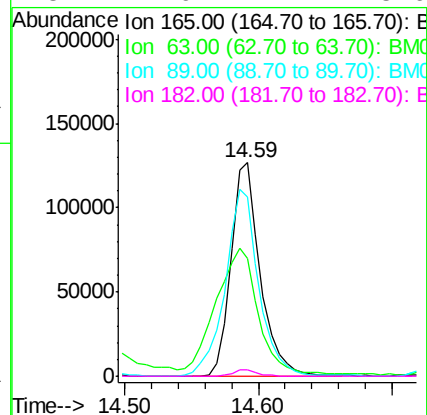
63 55.2 46.0 69.0

89 84.0 67.5 101.3

182 2.9 2.4 3.6

Manual Integrations
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#58

Fluorene

Concen: 41.366 ng

RT: 15.23 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

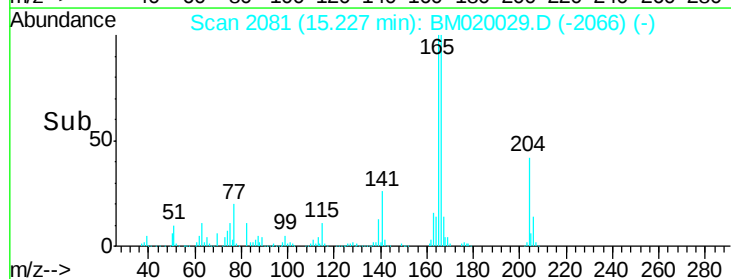
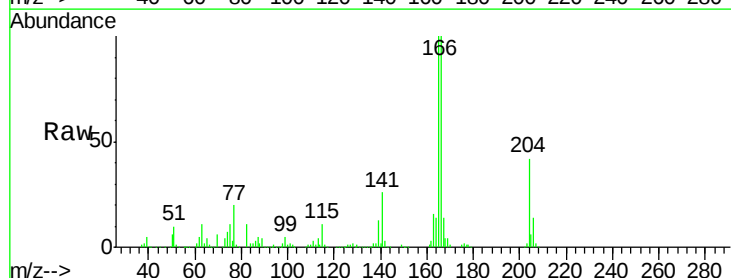
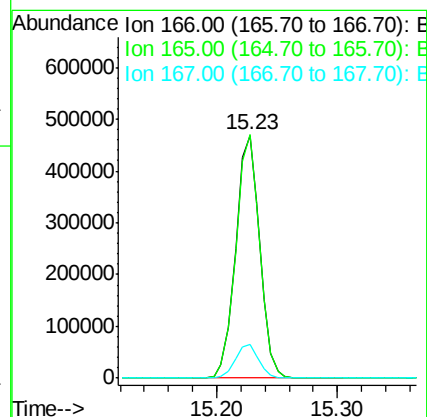
Tgt Ion:166 Resp: 649689

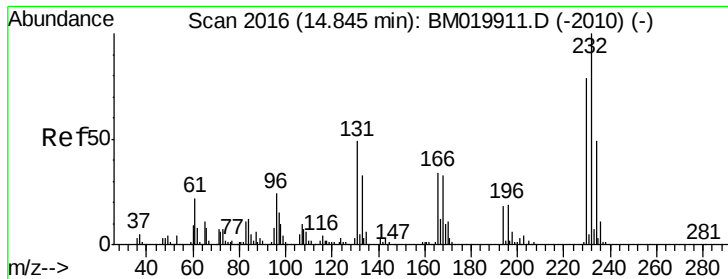
Ion Ratio Lower Upper

166 100

165 100.2 80.1 120.1

167 13.6 11.0 16.4





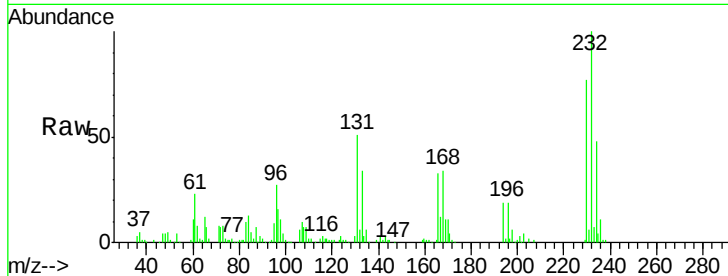
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.028 ng
 RT: 14.82 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

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

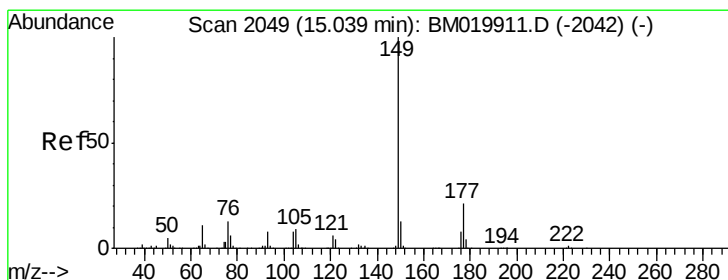
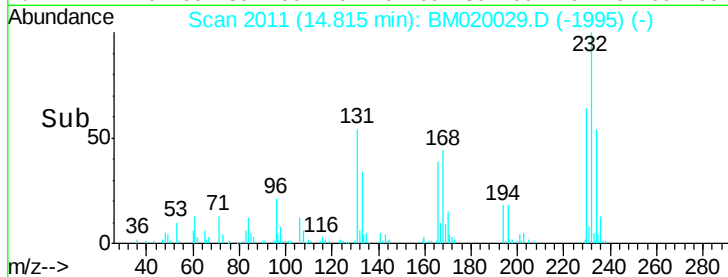
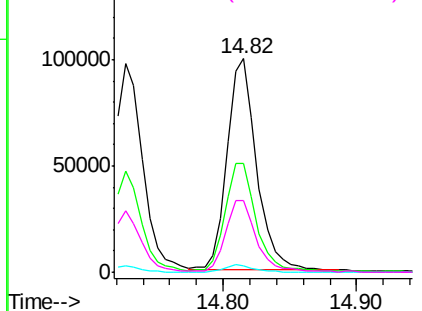
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	151990		
131	53.0	42.1	63.1	
130	3.2	2.2	3.4	
166	36.4	28.1	42.1	

Manual Integrations
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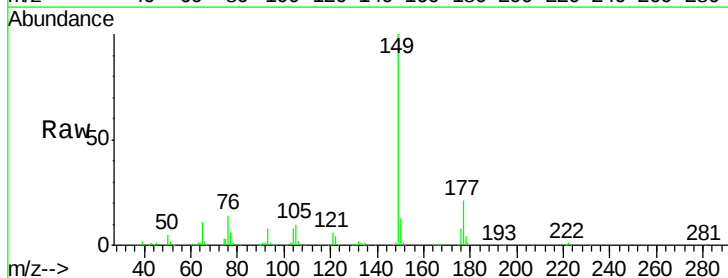


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

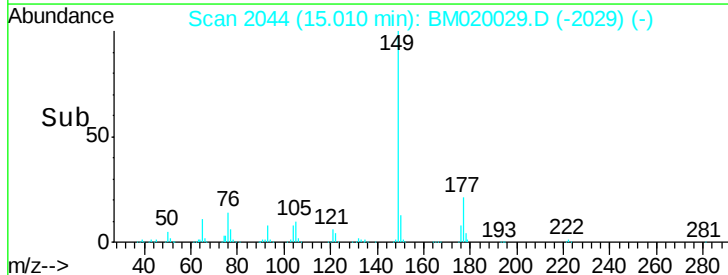
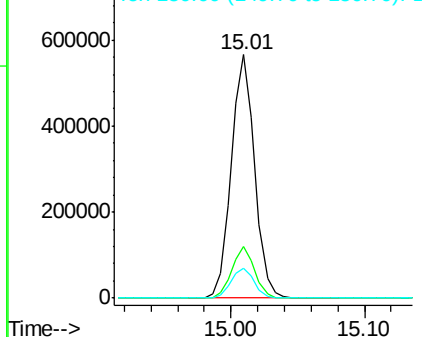


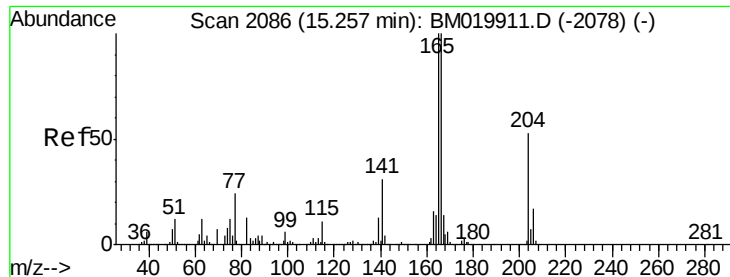
#60
 Diethylphthalate
 Concen: 42.459 ng
 RT: 15.01 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	692706		
177	21.2	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





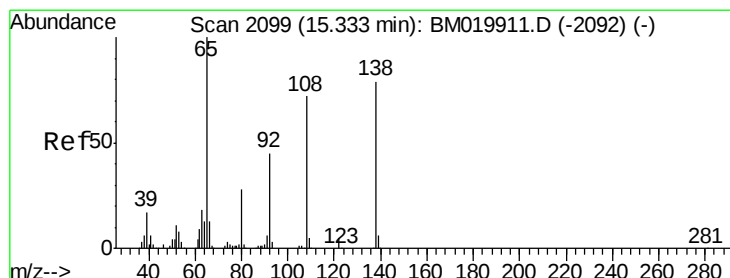
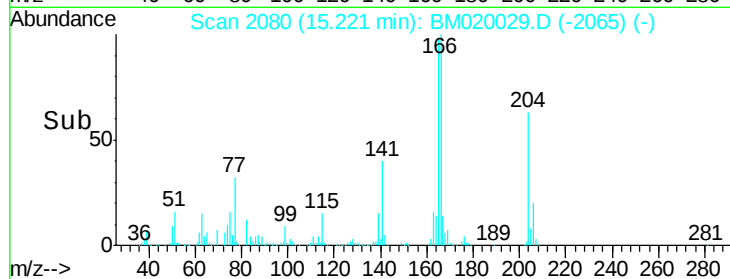
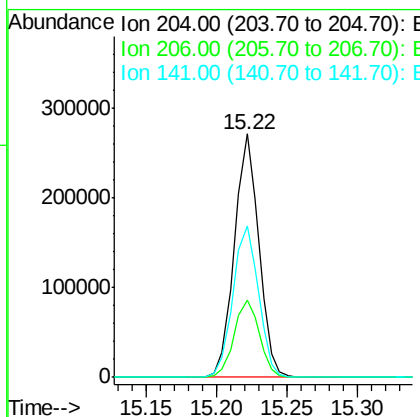
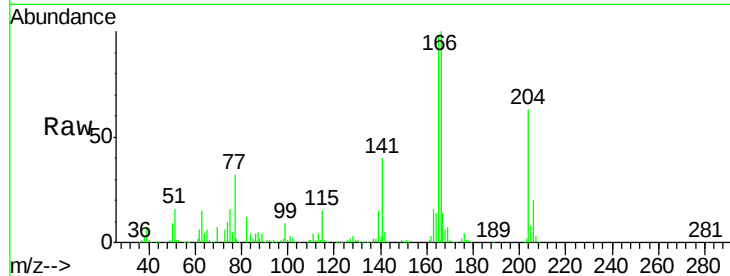
#61
4-Chlorophenyl-phenylether
Concen: 43.268 ng
RT: 15.22 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	327190		
206	31.5	25.8	38.8	
141	62.4	47.0	70.4	

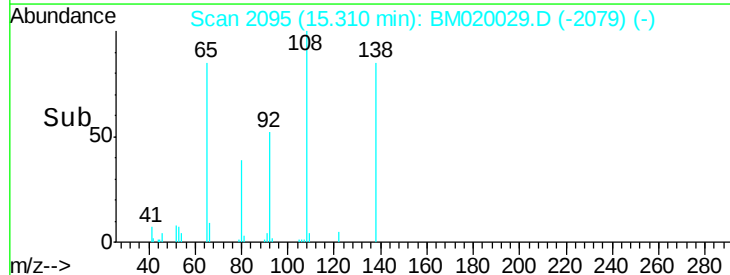
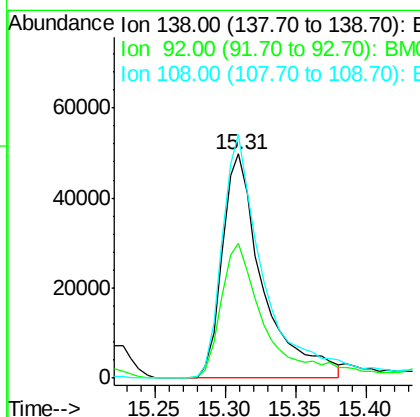
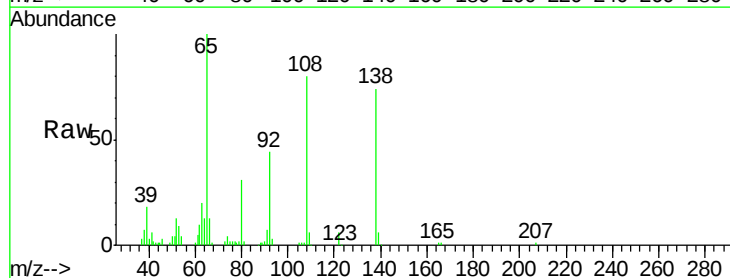
Manual Integrations
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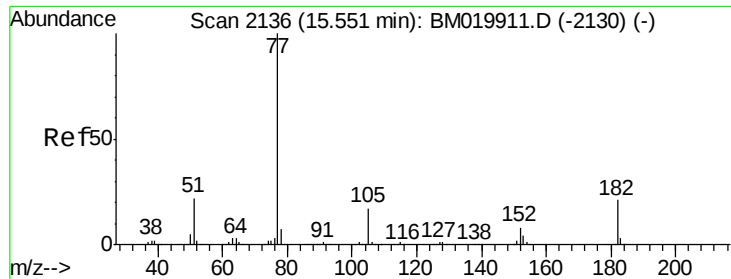
Sohil
4/23/2019 4:13:57 PM



#62
4-Nitroaniline
Concen: 29.169 ng
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	99543		
92	60.1	36.8	76.8	
108	108.7	71.5	111.5	





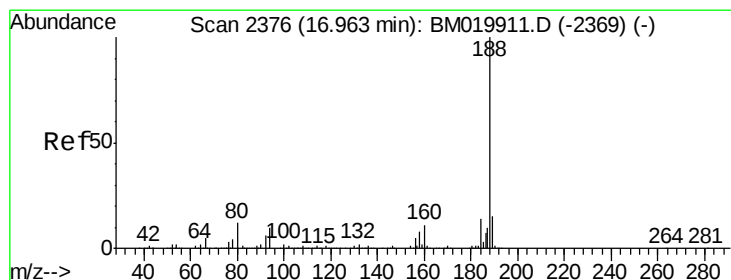
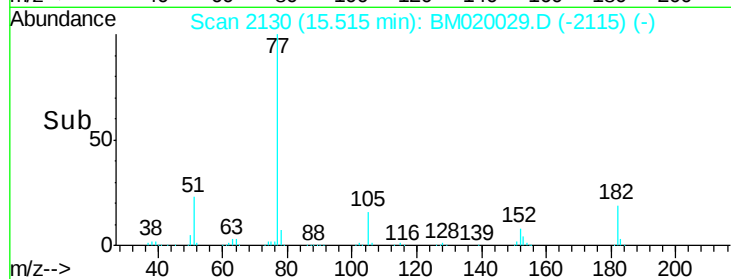
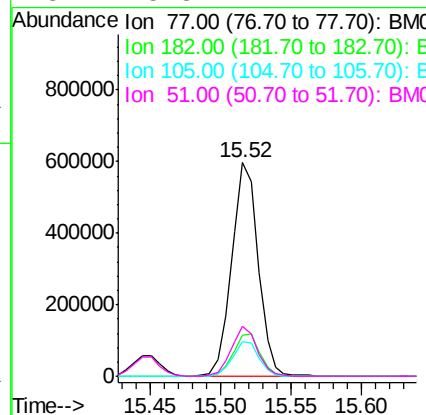
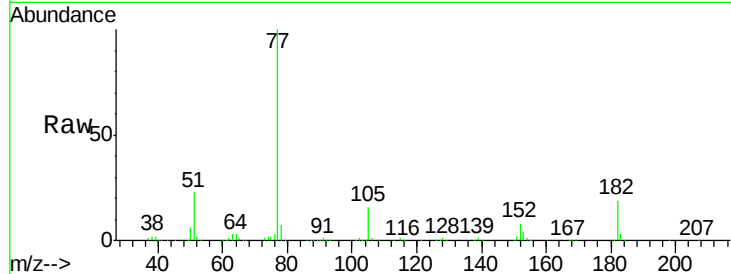
#63
Azobenzene
Concen: 44.209 ng
RT: 15.52 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		770883		
182	19.1	1.0	41.0		
105	16.0	0.0	37.1		
51	23.3	2.1	42.1		

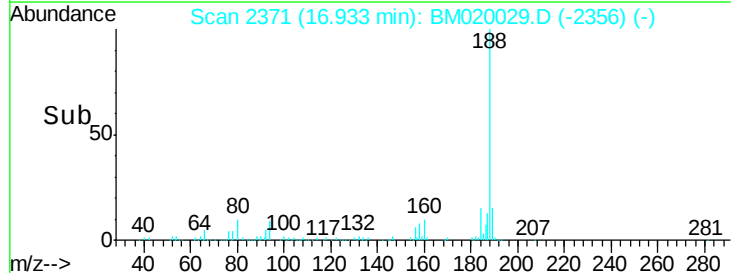
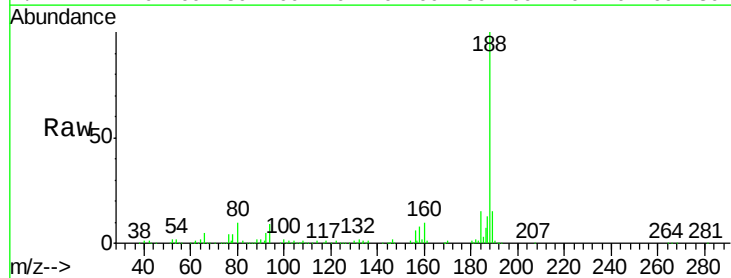
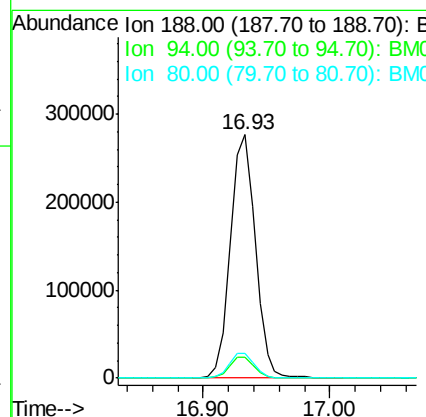
Manual Integrations
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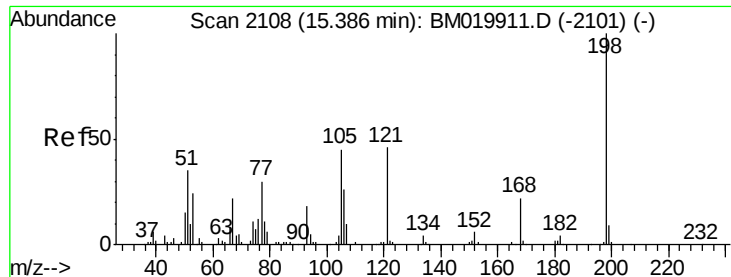
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		375681		
94	8.7	7.6	11.4		
80	10.0	9.4	14.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 19.397 ng

RT: 15.37 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

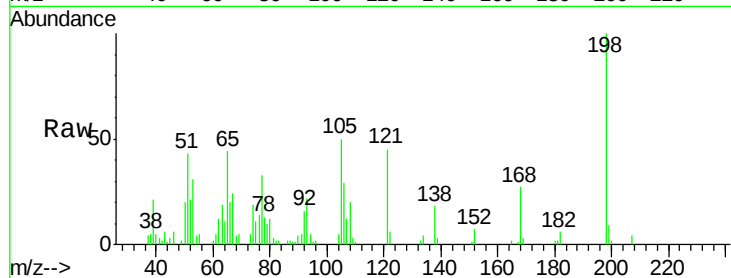
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

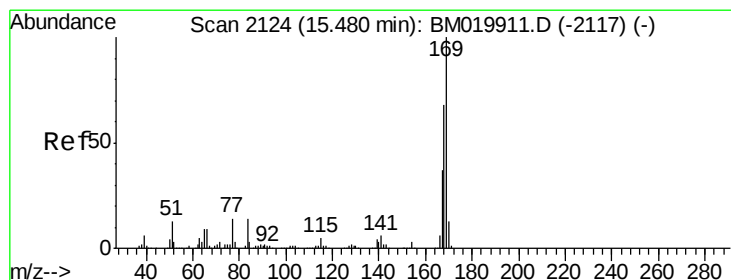
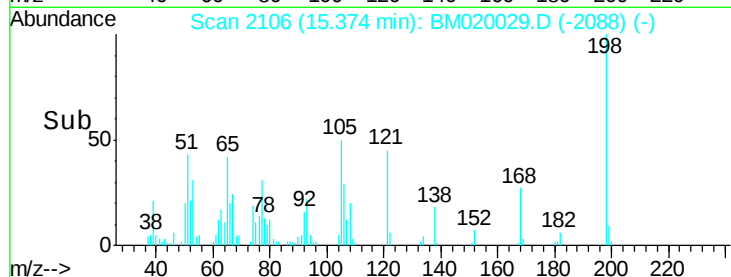
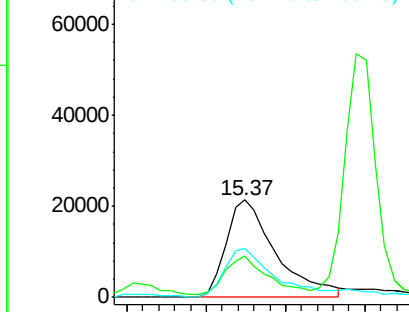
Tgt Ion:	198	Resp:	46493
Ion Ratio	Lower	Upper	
198	100		
51	42.8	17.9	57.9
105	50.2	26.1	66.1

Manual Integrations
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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



#66

n-Nitrosodiphenylamine

Concen: 44.604 ng

RT: 15.45 min Scan# 2119

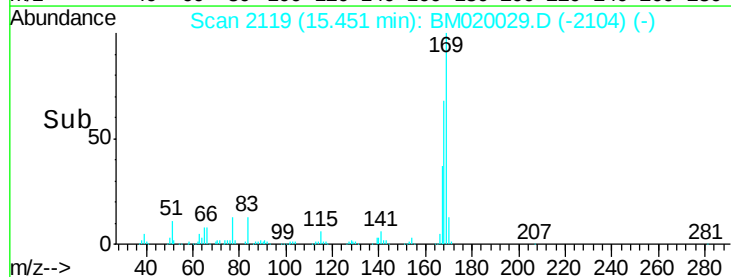
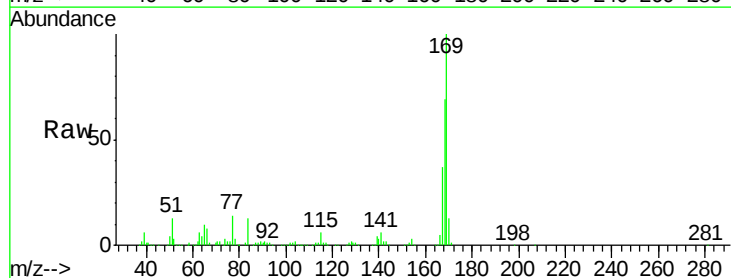
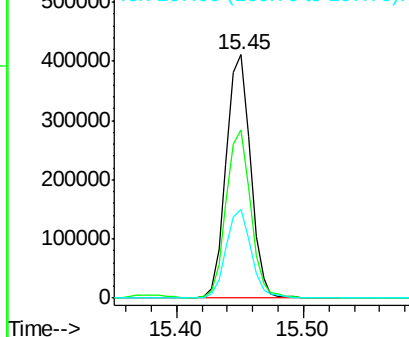
Delta R.T. -0.01 min

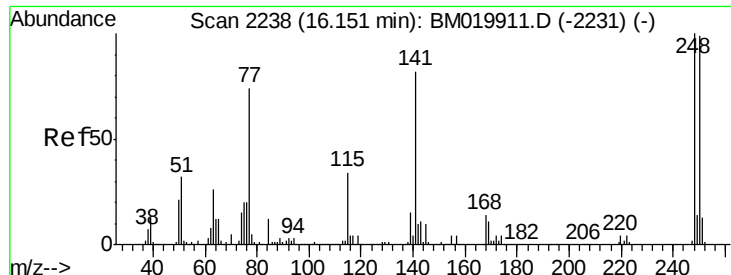
Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion:	169	Resp:	547824
Ion Ratio	Lower	Upper	
169	100		
168	69.2	54.7	82.1
167	36.7	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





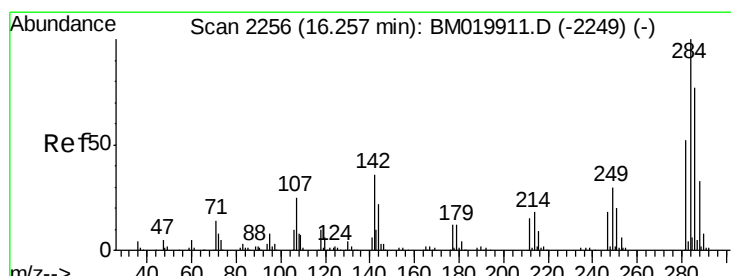
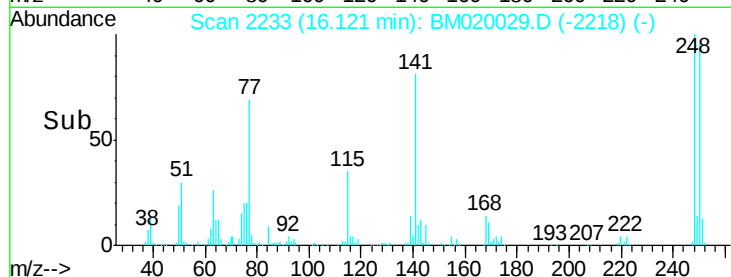
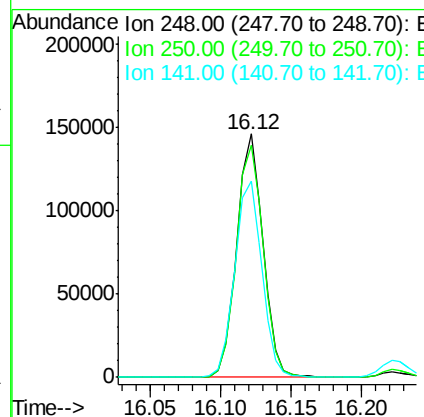
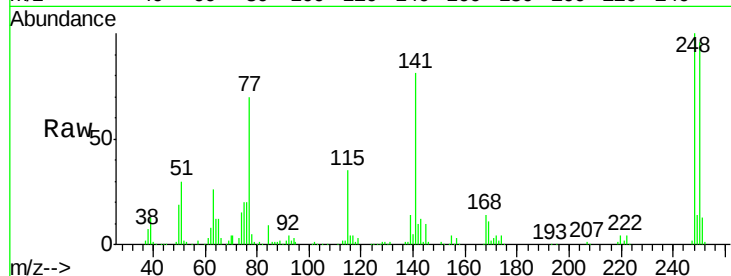
#67
 4-Bromophenyl-phenylether
 Concen: 43.762 ng
 RT: 16.12 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	189020		
250	95.5	78.9	118.3	
141	80.7	65.6	98.4	

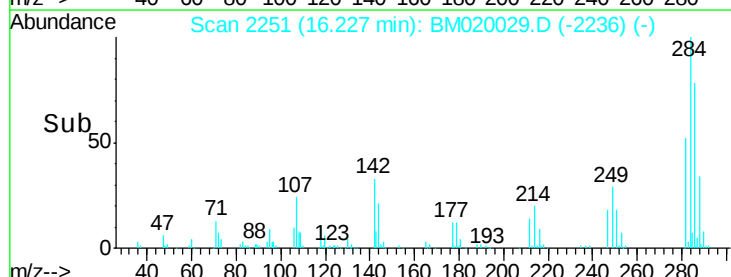
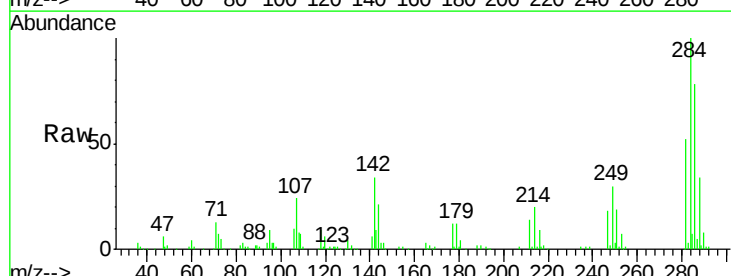
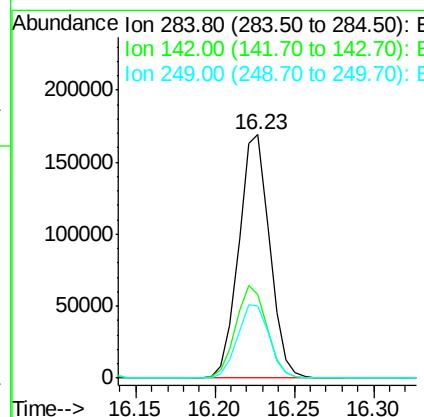
Manual Integrations
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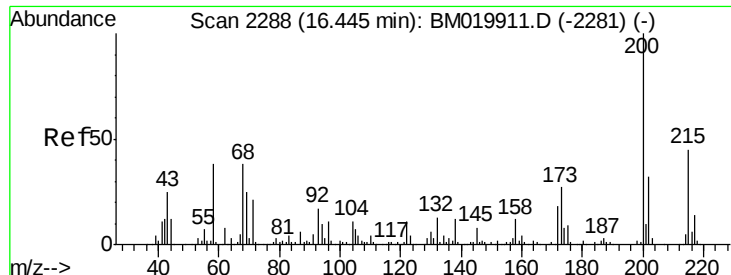
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#68
 Hexachlorobenzene
 Concen: 43.918 ng
 RT: 16.23 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	227608		
142	34.2	28.9	43.3	
249	29.8	23.8	35.6	





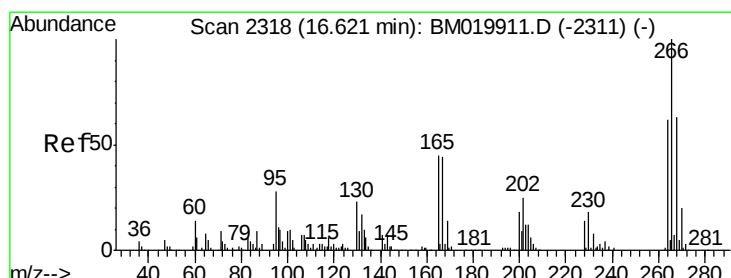
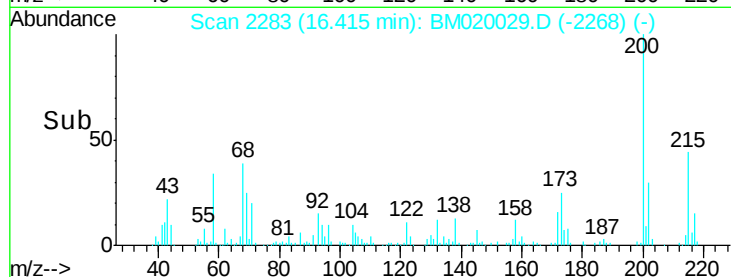
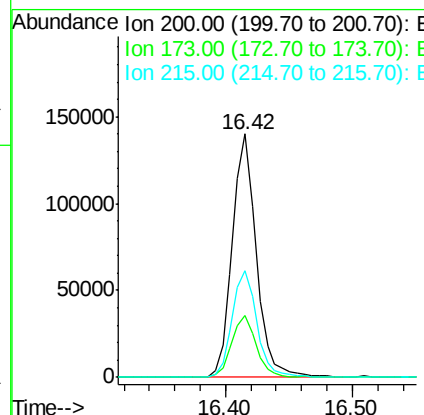
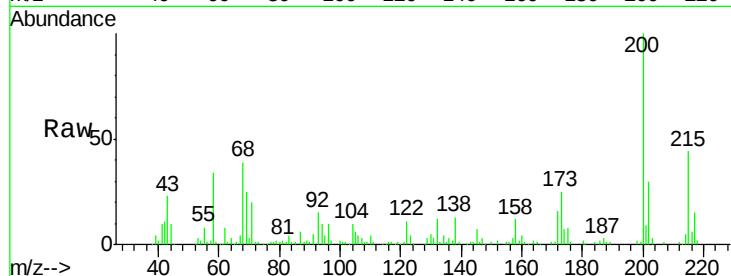
#69
 Atrazine
 Concen: 44.072 ng
 RT: 16.42 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	183755		
173	25.4	7.2	47.2	
215	43.8	25.4	65.4	

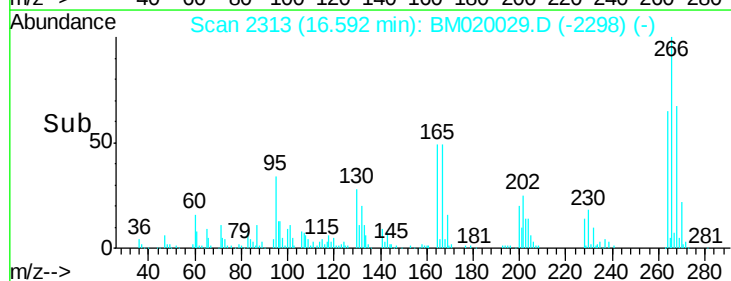
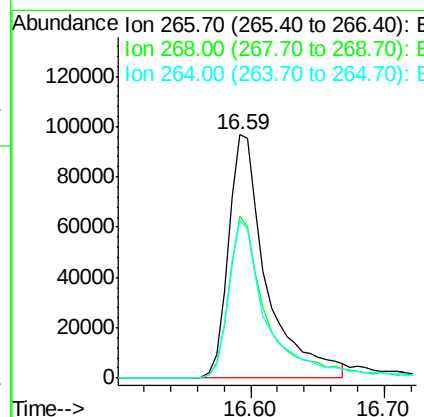
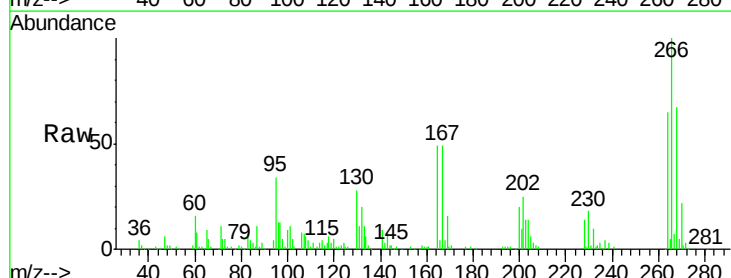
Manual Integrations
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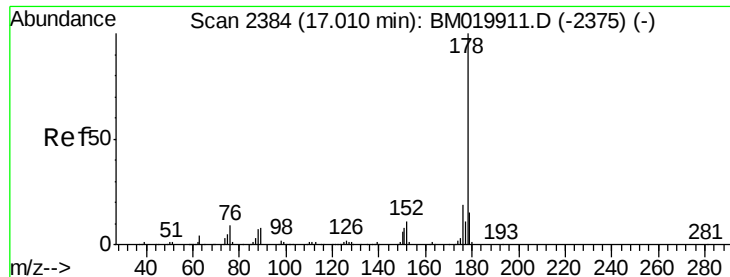
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#70
 Pentachlorophenol
 Concen: 72.882 ng
 RT: 16.59 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	192994		
268	66.6	50.3	75.5	
264	64.9	49.8	74.8	





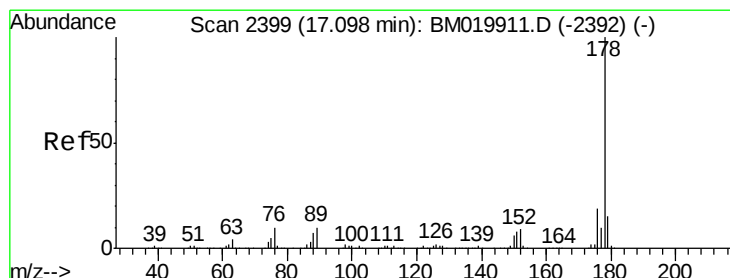
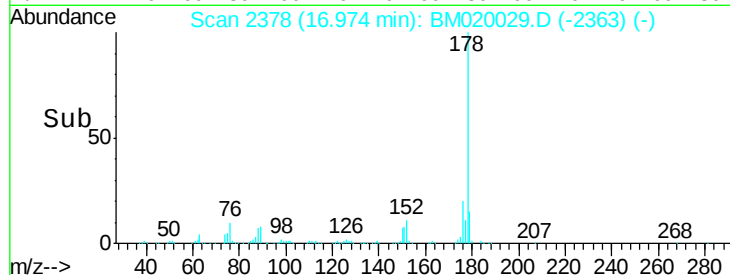
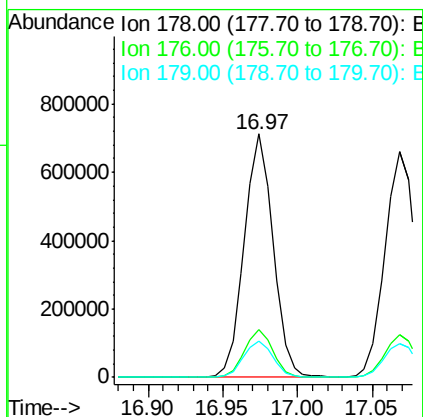
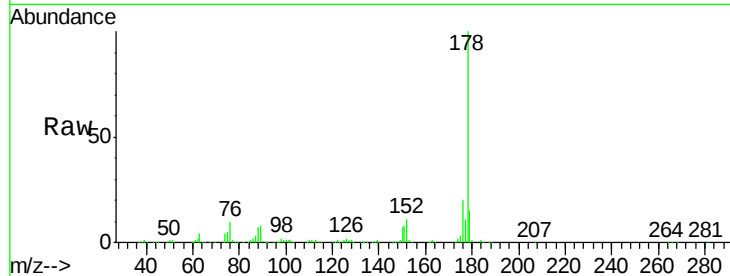
#71
Phenanthrene
Concen: 42.805 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	15.1	12.2	18.4

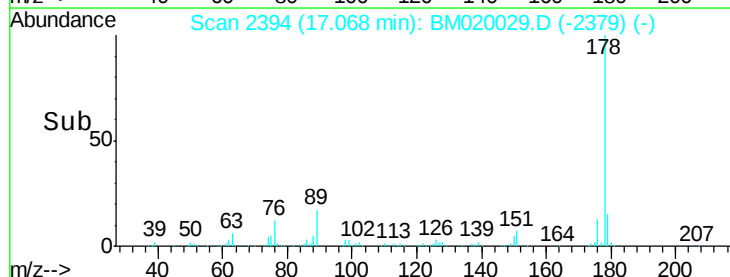
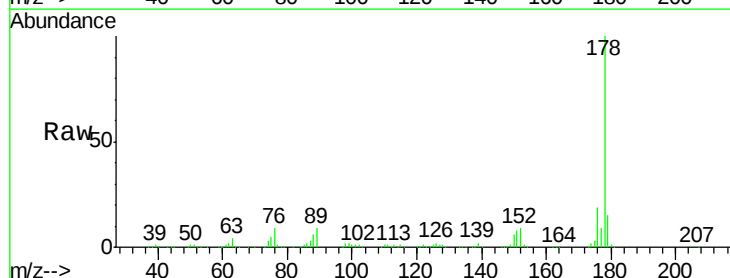
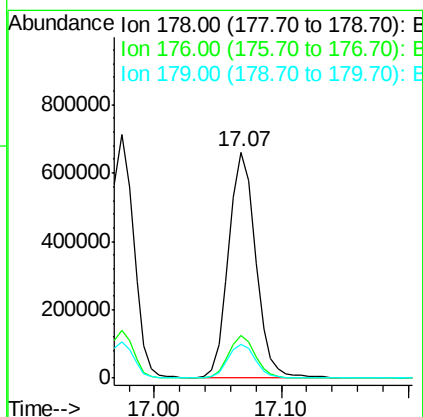
Manual Integrations
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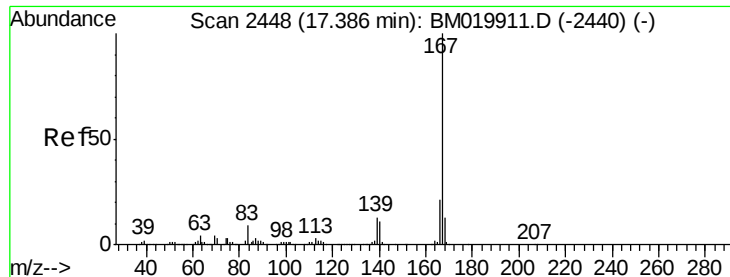
Sohil
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#72
Anthracene
Concen: 43.732 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.0	12.2	18.4





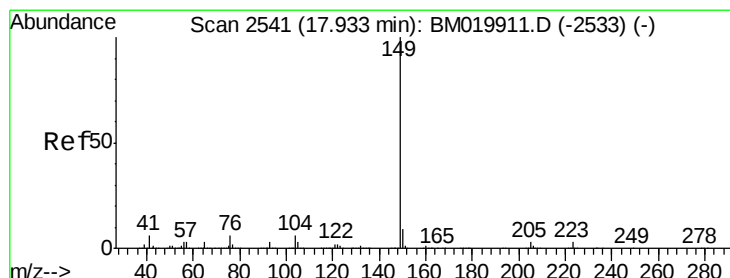
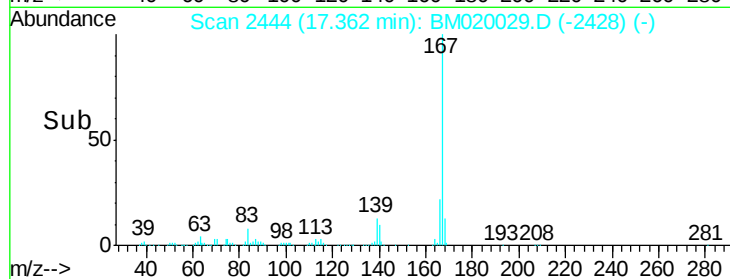
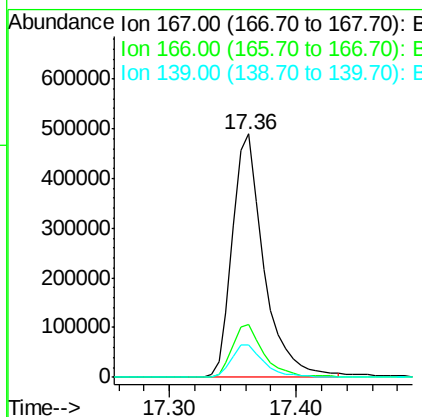
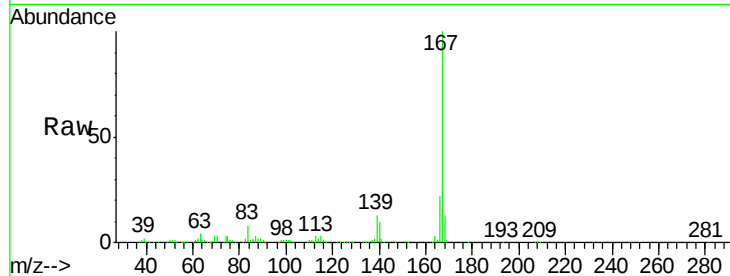
#73
 Carbazole
 Concen: 40.679 ng
 RT: 17.36 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	842846		
166	21.7		17.2	25.8
139	13.1		10.7	16.1

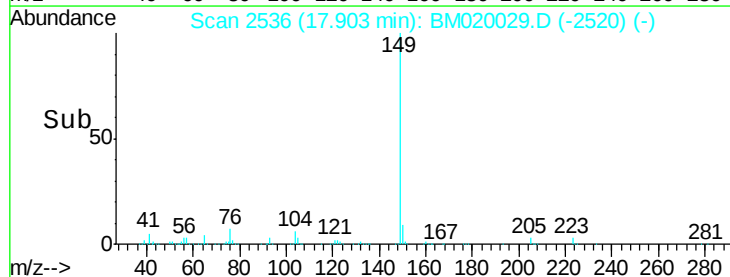
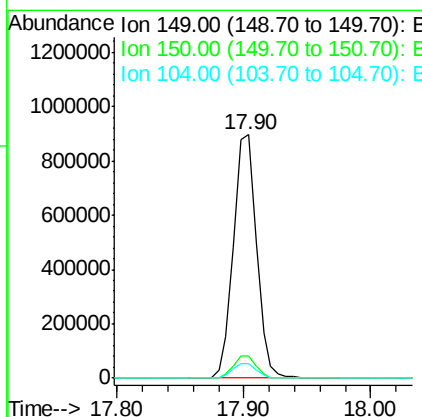
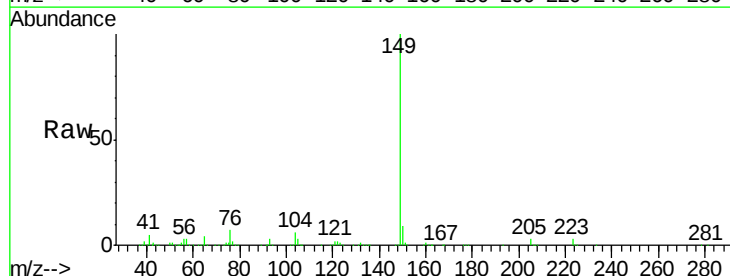
Manual Integrations
 APPROVED

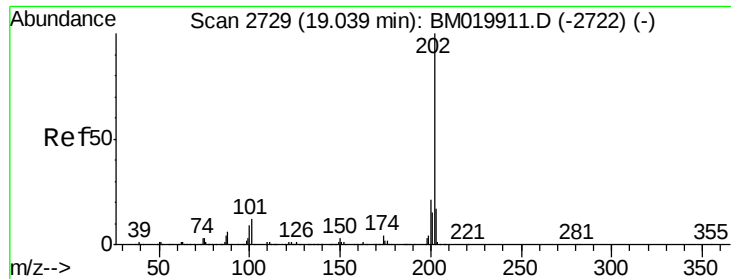
Sohil
 4/23/2019 4:13:57 PM



#74
 Di-n-butylphthalate
 Concen: 41.527 ng
 RT: 17.90 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1129977		
150	8.9		7.2	10.8
104	5.8		4.6	7.0





#75

Fluoranthene

Concen: 42.456 ng

RT: 19.01 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

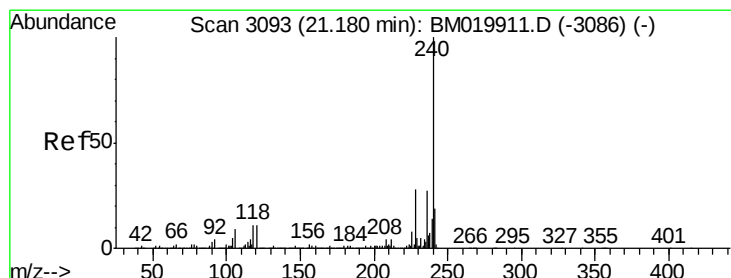
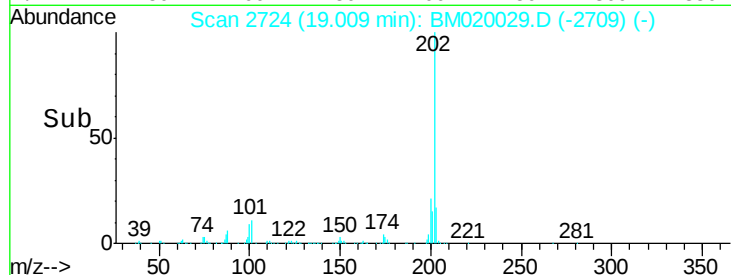
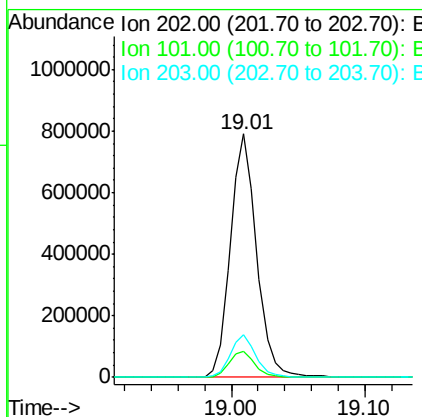
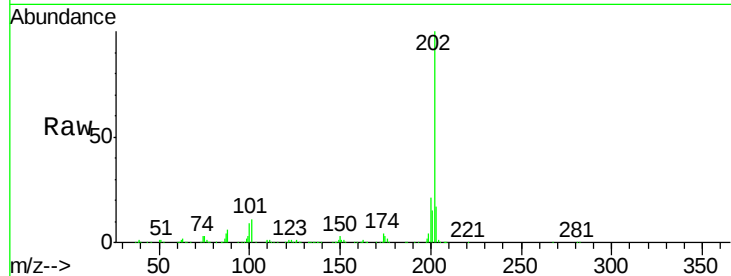
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Tgt	Ion	202	Resp:	1089263
Ion	Ratio		Lower	Upper
202	100			
101	10.7	0.0	31.7	
203	17.5	0.0	37.4	

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#76

Chrysene-d12

Concen: 20.000 ng

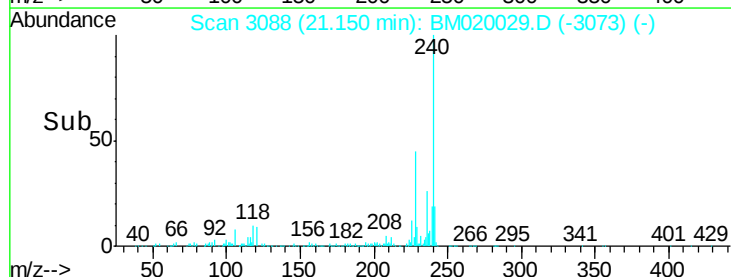
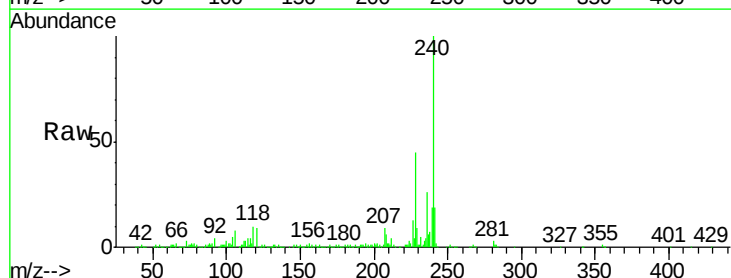
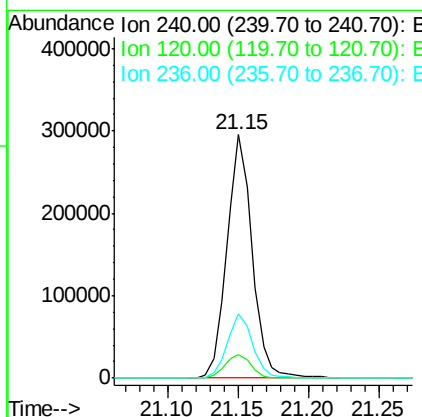
RT: 21.15 min Scan# 3088

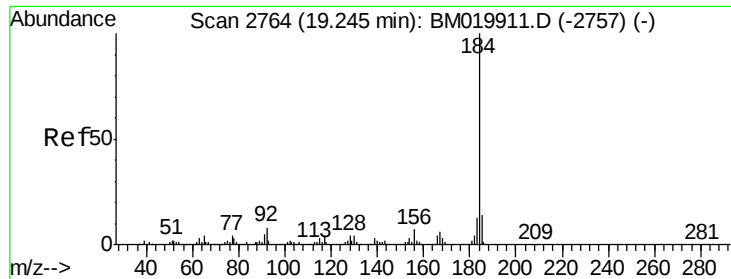
Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt	Ion	240	Resp:	367246
Ion	Ratio		Lower	Upper
240	100			
120	9.5	8.6	13.0	
236	26.4	21.4	32.2	





#77

Benzidine

Concen: 11.768 ng

RT: 19.24 min Scan# 2764

Delta R.T. 0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

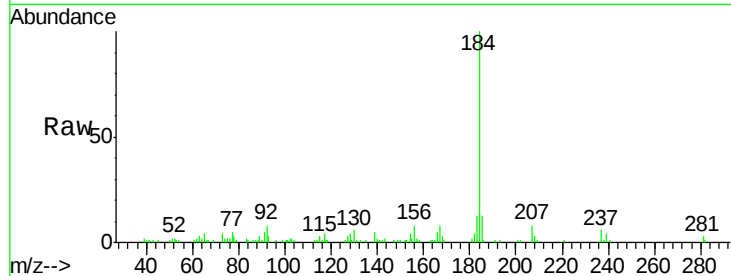
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

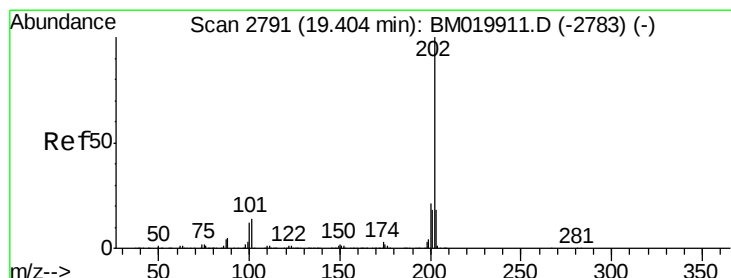
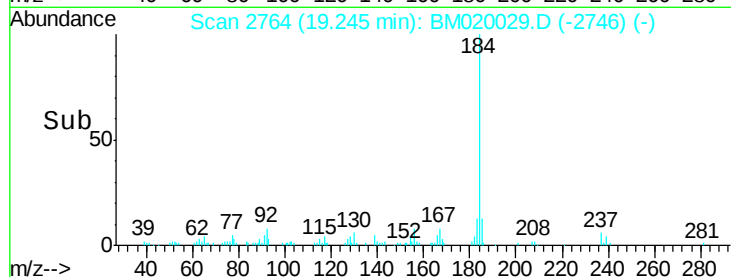
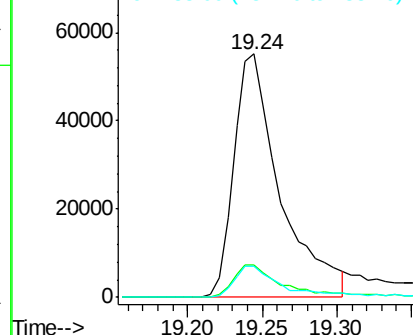
Tgt Ion:	184	Resp:	119248
Ion Ratio	Lower	Upper	
184	100		
185	13.1	11.0	16.6
183	12.7	10.1	15.1

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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



#78

Pyrene

Concen: 45.814 ng

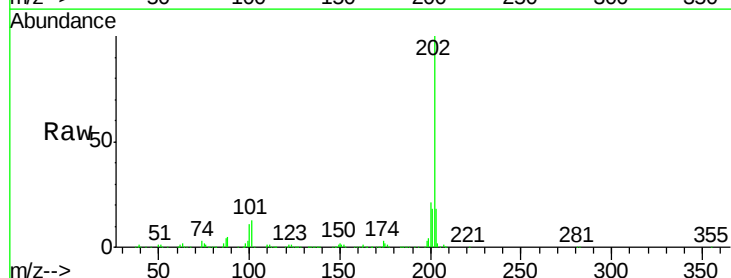
RT: 19.37 min Scan# 2786

Delta R.T. -0.01 min

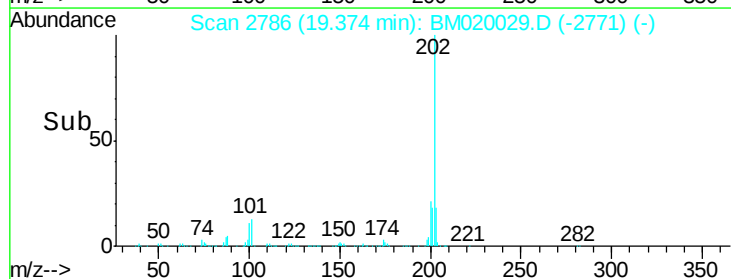
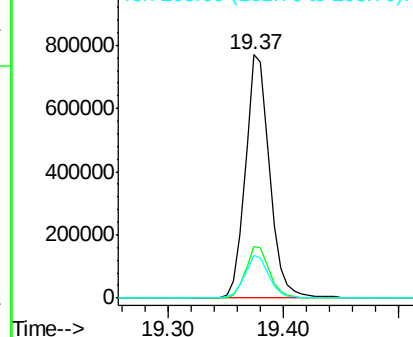
Lab File: BM020029.D

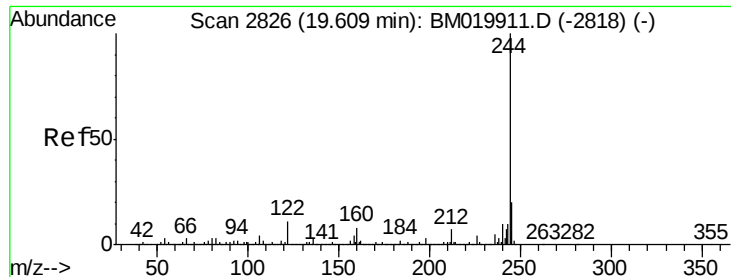
Acq: 23 Apr 2019 06:18

Tgt Ion:	202	Resp:	1114190
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.0	25.4
203	17.5	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





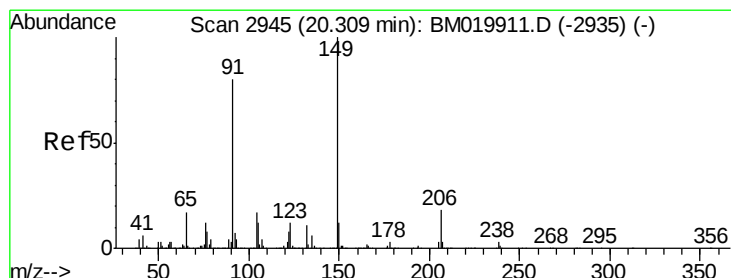
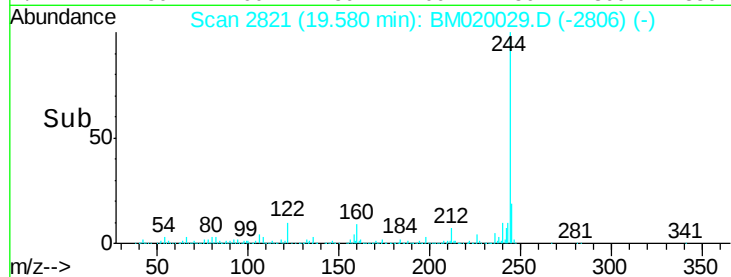
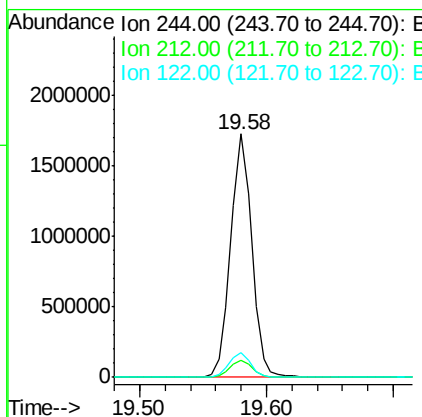
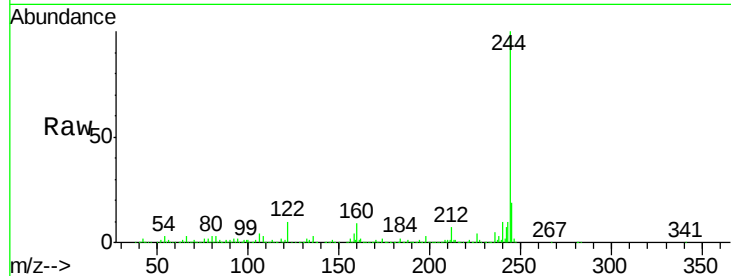
#79
 Terphenyl-d14
 Concen: 95.467 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

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

Tgt Ion: 244 Resp: 1987723
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.4 9.1 13.7

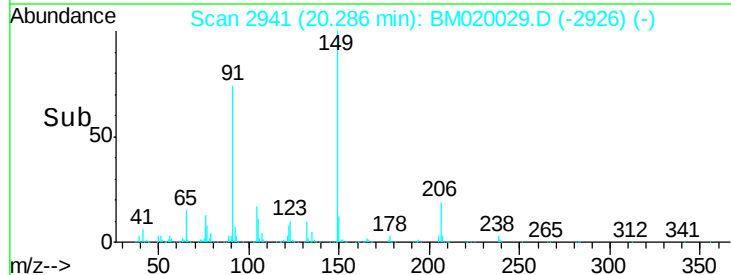
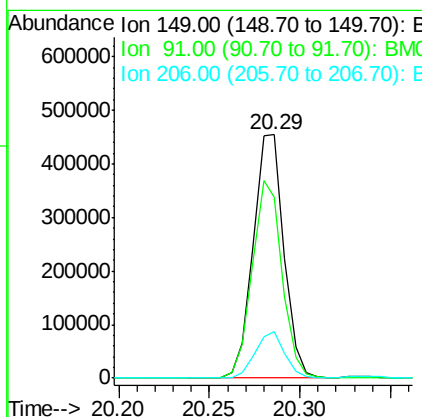
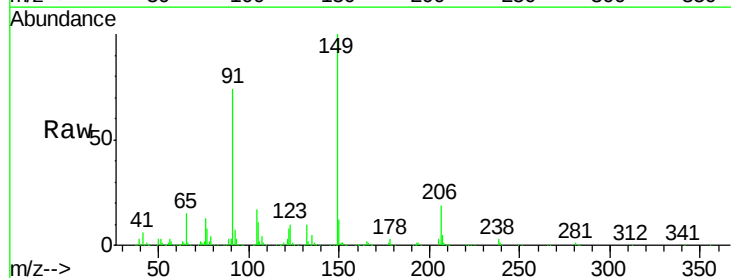
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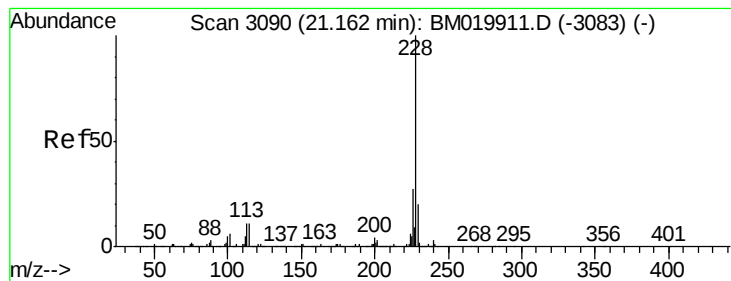
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#80
 Butylbenzylphthalate
 Concen: 45.470 ng
 RT: 20.29 min Scan# 2941
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion: 149 Resp: 536128
 Ion Ratio Lower Upper
 149 100
 91 74.5 63.7 95.5
 206 19.0 14.6 21.8





#81

Benzo(a)anthracene

Concen: 46.667 ng

RT: 21.13 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

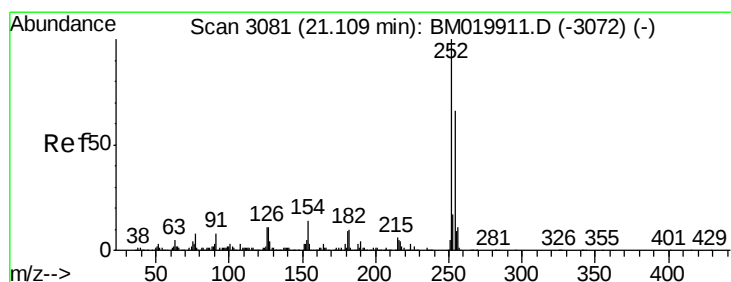
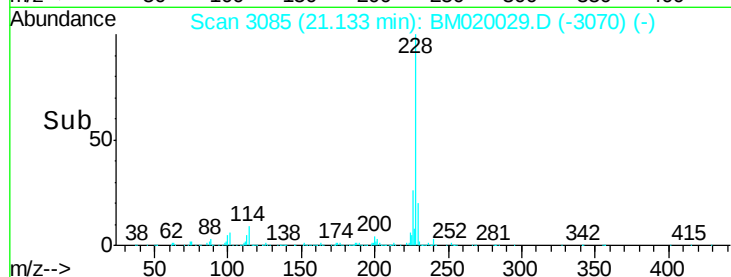
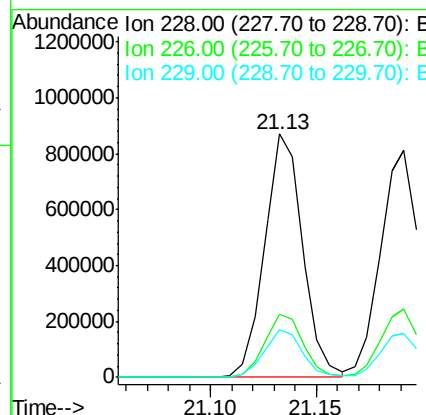
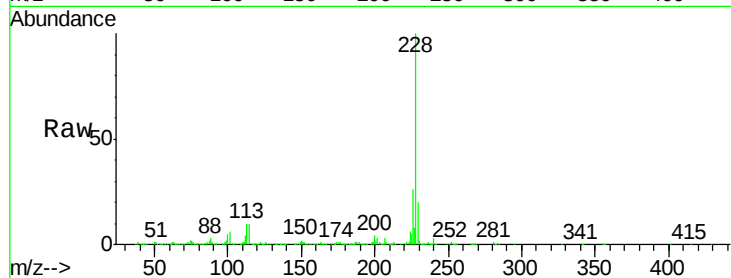
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion:	228	Resp:	1085652
Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.8	32.6
229	19.7	15.9	23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 20.327 ng

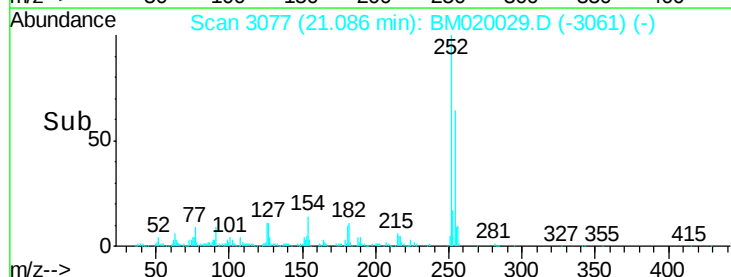
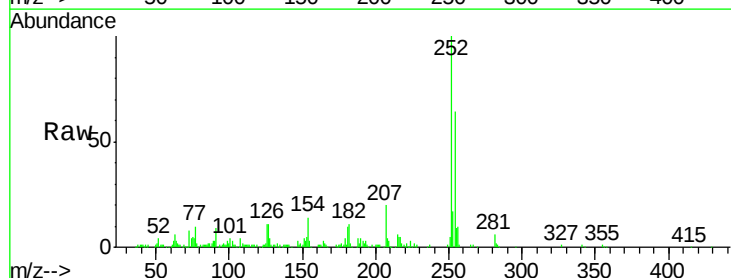
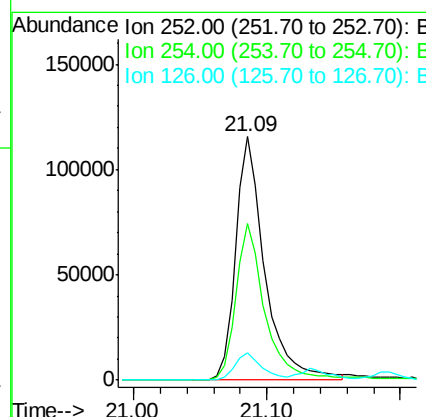
RT: 21.09 min Scan# 3077

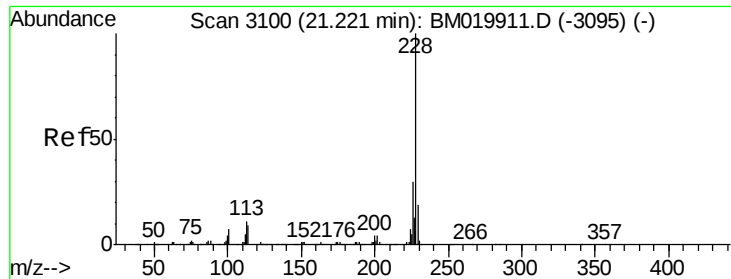
Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion:	252	Resp:	175938
Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	78.8
126	11.4	8.6	12.8





#83
Chrysene
 Concen: 48.156 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

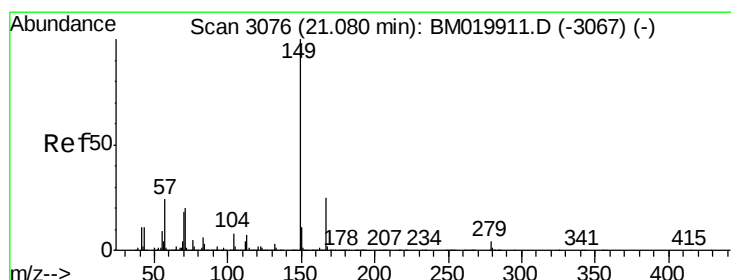
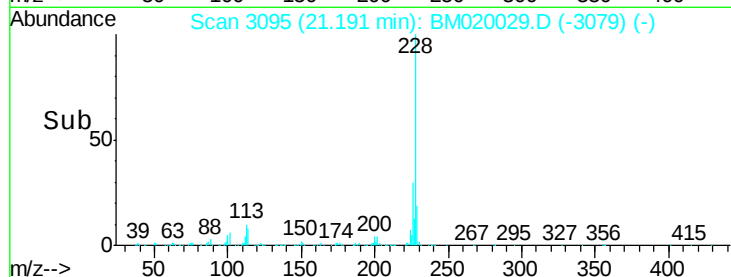
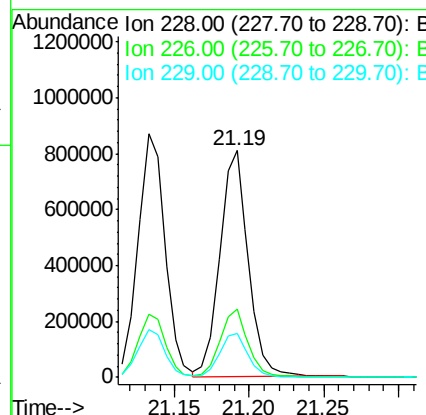
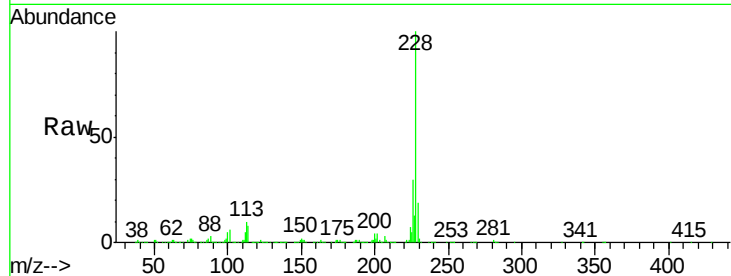
Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion: 228 Resp: 1074368

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.7	35.5
229	19.4	15.6	23.4

Manual Integrations
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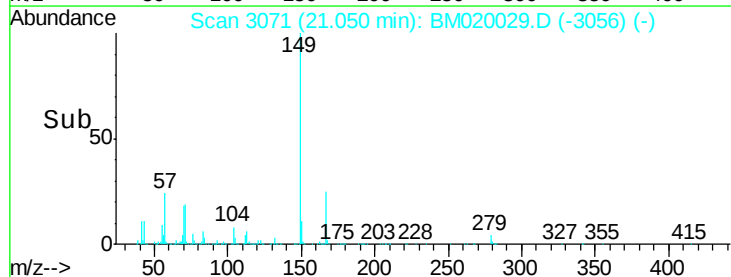
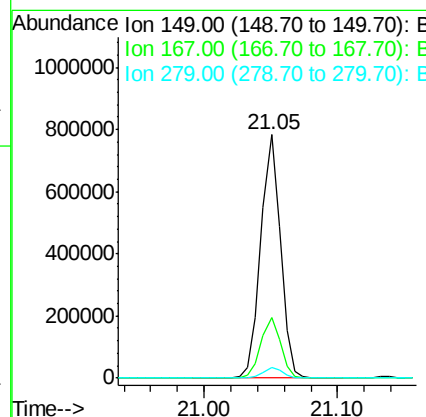
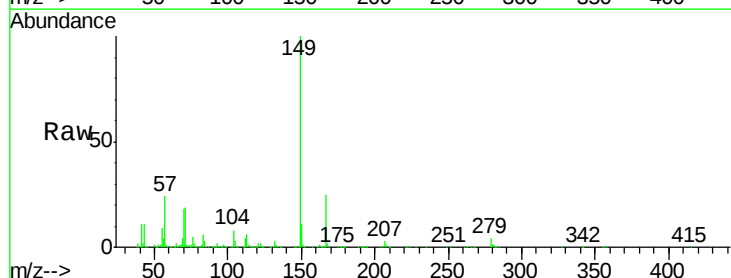
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 44.958 ng
 RT: 21.05 min Scan# 3071
 Delta R.T. -0.01 min
 Lab File: BM020029.D
 Acq: 23 Apr 2019 06:18

Tgt Ion: 149 Resp: 789181

Ion	Ratio	Lower	Upper
149	100		
167	24.8	20.3	30.5
279	4.2	3.4	5.2





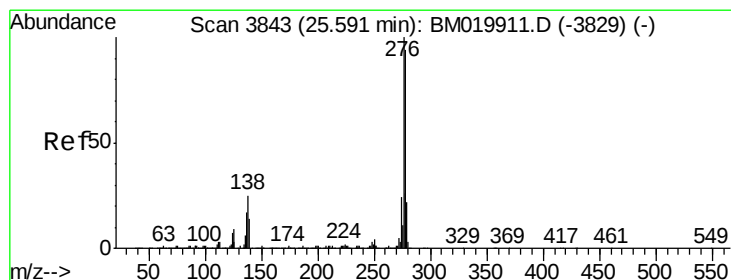
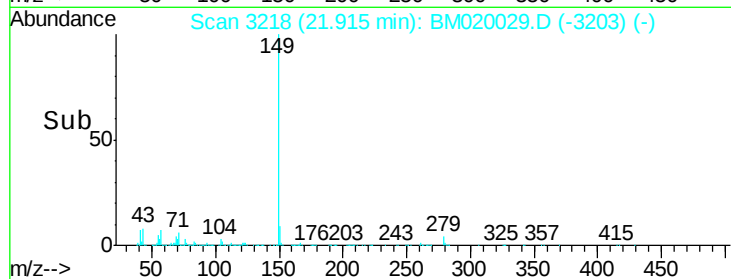
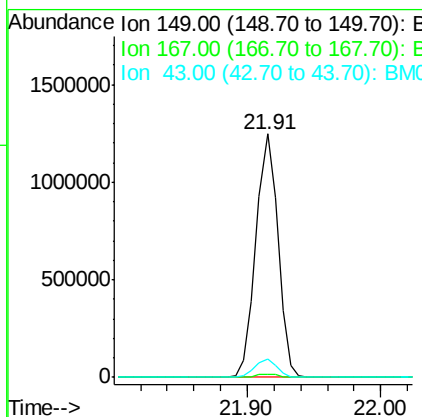
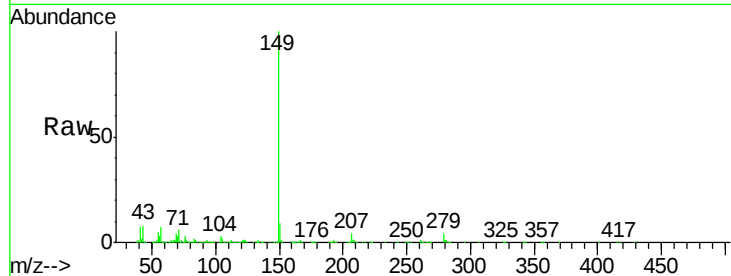
#85
Di-n-octyl phthalate
Concen: 49.482 ng
RT: 21.91 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1409365		
167	1.6		1.3	1.9
43	7.6		6.0	9.0

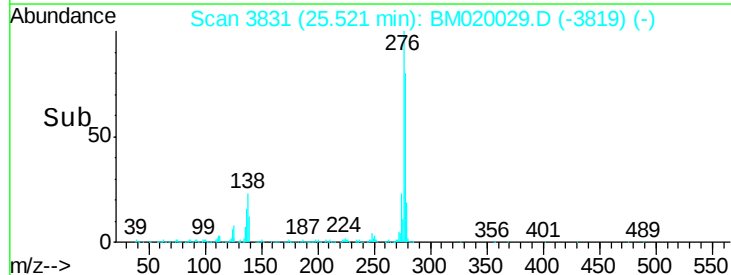
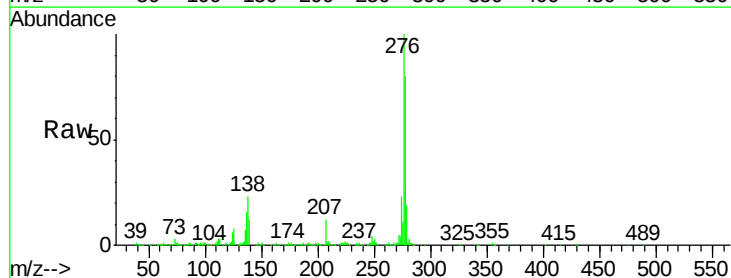
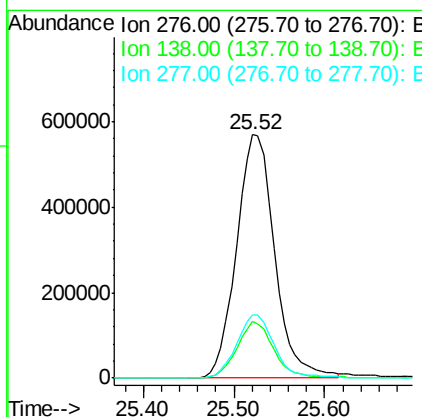
Manual Integrations
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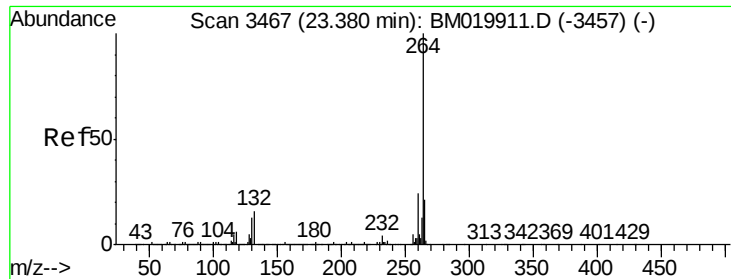
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#86
Indeno(1,2,3-cd)pyrene
Concen: 76.068 ng
RT: 25.52 min Scan# 3831
Delta R.T. -0.03 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1669480		
138	22.4		19.0	28.6
277	25.6		20.3	30.5





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

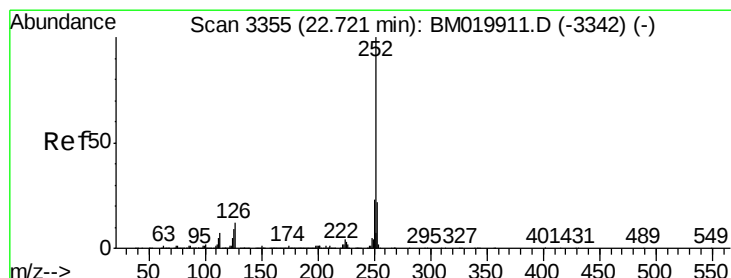
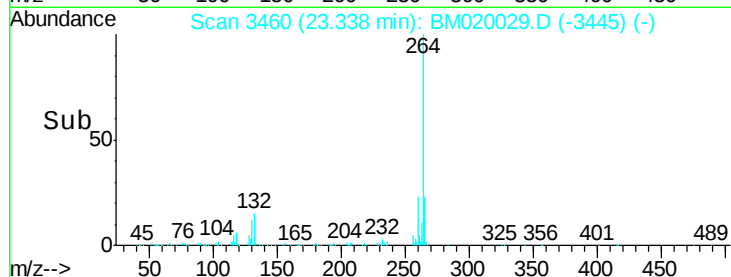
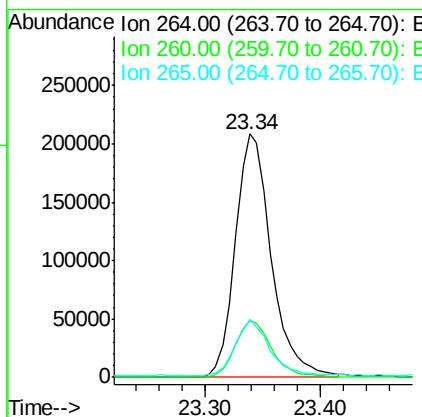
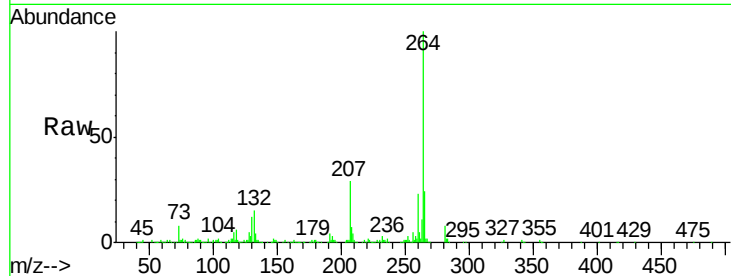
ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion:	264	Resp:	450411
Ion Ratio		Lower	Upper
264	100		
260	23.5	19.2	28.8
265	23.6	17.2	25.8

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 42.403 ng

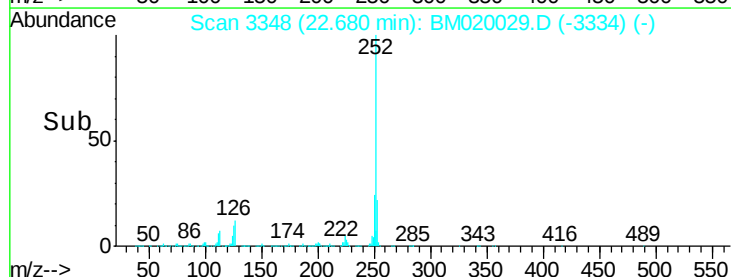
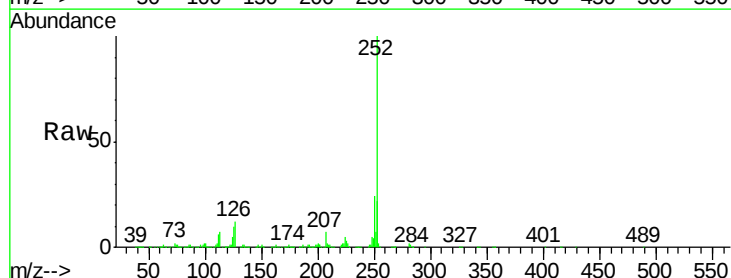
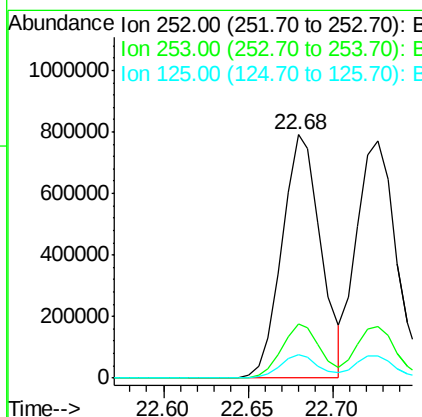
RT: 22.68 min Scan# 3348

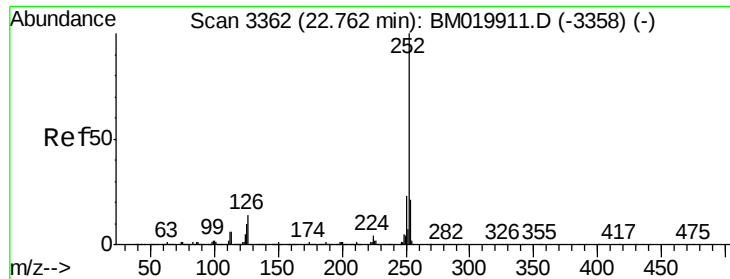
Delta R.T. -0.02 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Tgt Ion:	252	Resp:	1268184
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.8	7.6	11.4





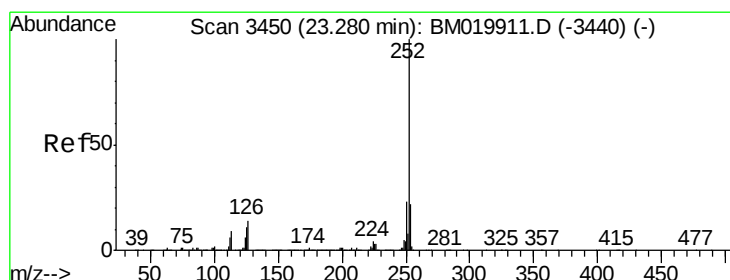
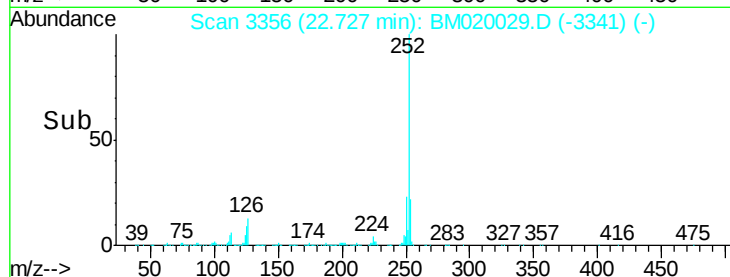
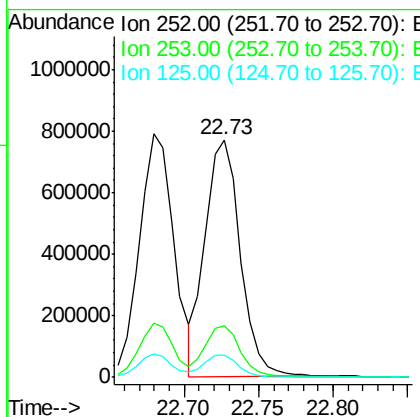
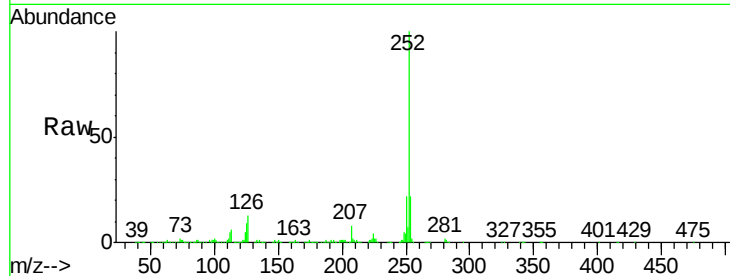
#89
Benzo(k)fluoranthene
Concen: 44.976 ng
RT: 22.73 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

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

Tgt Ion: 252 Resp: 1266352
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.4 8.2 12.4

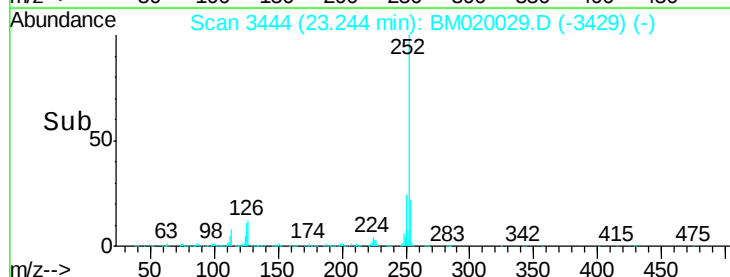
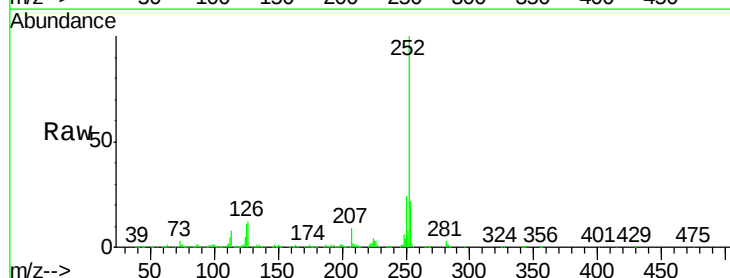
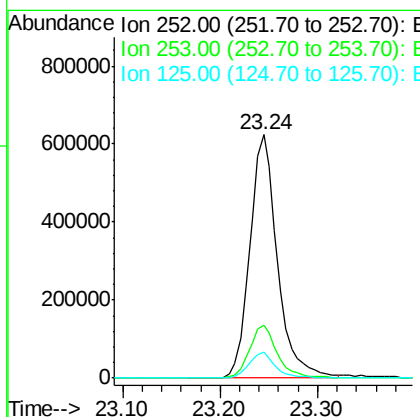
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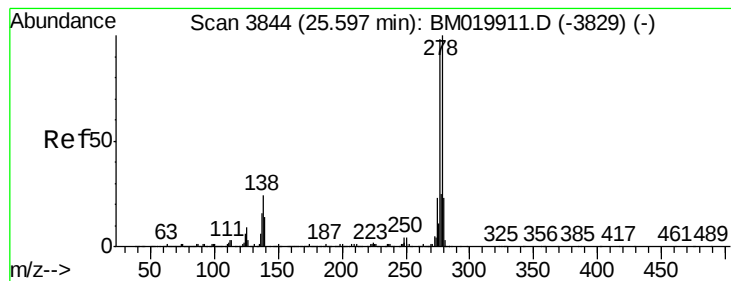
Sohil
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#90
Benzo(a)pyrene
Concen: 46.531 ng
RT: 23.24 min Scan# 3444
Delta R.T. -0.01 min
Lab File: BM020029.D
Acq: 23 Apr 2019 06:18

Tgt Ion: 252 Resp: 1233074
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.8 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 55.475 ng

RT: 25.53 min Scan# 3832

Delta R.T. -0.03 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

Instrument :

BNA_M

ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

Tgt Ion: 278 Resp: 1417371

Ion Ratio Lower Upper

278 100

139 14.6 11.6 17.4

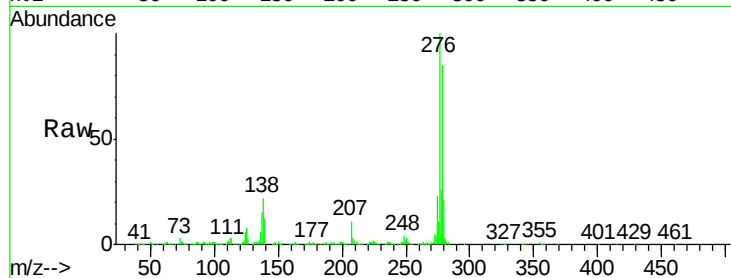
279 24.1 18.4 27.6

Manual Integrations

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Sohil

4/23/2019 4:13:57 PM

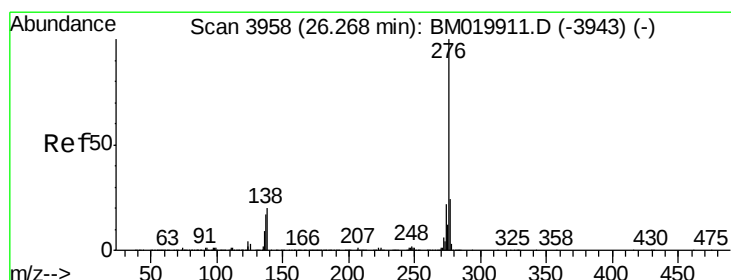
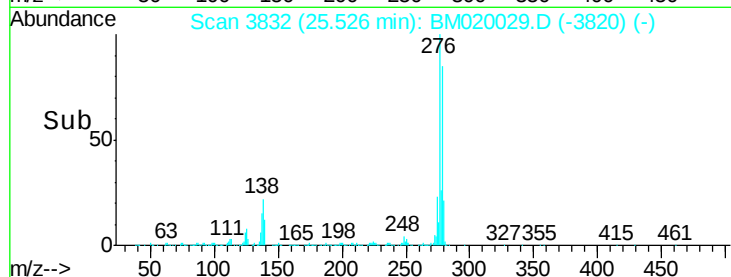
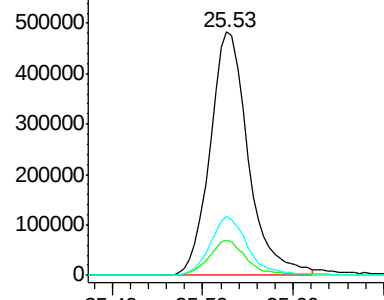


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 56.897 ng

RT: 26.20 min Scan# 3947

Delta R.T. -0.02 min

Lab File: BM020029.D

Acq: 23 Apr 2019 06:18

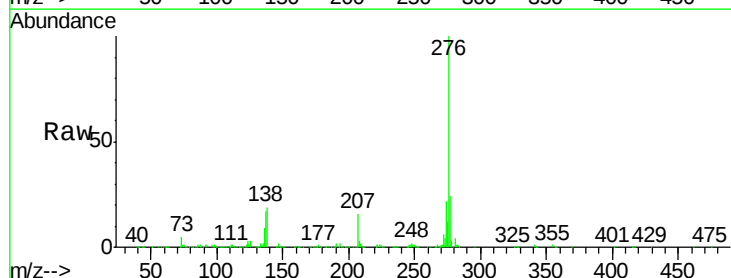
Tgt Ion: 276 Resp: 1316659

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 18.6 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

