

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020059.D
 Acq On : 24 Apr 2019 06:05
 Operator : JU/SJ
 Sample : PB119063BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BS

Manual Integrations
 APPROVED

Sohil
 4/24/2019 11:49:53 AM

Quant Time: Apr 24 08:33:37 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	7.49	152	94388	20.00	ng	-0.02
21) Naphthalene-d8	10.26	136	353610	20.00	ng	-0.02
39) Acenaphthene-d10	14.16	164	193261	20.00	ng	-0.02
64) Phenanthrene-d10	16.92	188	422924	20.00	ng	-0.02
76) Chrysene-d12	21.14	240	524071	20.00	ng	-0.02
87) Perylene-d12	23.33	264	505607	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	770992	132.38	ng	-0.02
7) Phenol-d6	6.69	99	997638	113.82	ng	-0.02
23) Nitrobenzene-d5	8.66	82	708943	89.66	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	396802	127.55	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1382492	89.15	ng	-0.03
79) Terphenyl-d14	19.57	244	2300918	77.44	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.08	88	105770	42.084 ng	99
3) Pyridine	3.48	79	231726	32.922 ng	97
4) n-Nitrosodimethylamine	3.41	42	93031	41.030 ng	# 87
6) Aniline	6.85	93	285203	25.192 ng	99
8) 2-Chlorophenol	7.06	128	260642	35.982 ng	98
9) Benzaldehyde	6.68	77	79718	12.852 ng	90
10) Phenol	6.72	94	336929	35.183 ng	90
11) bis(2-Chloroethyl)ether	6.94	93	235365	33.591 ng	99
12) 1,3-Dichlorobenzene	7.37	146	290474	38.197 ng	97
13) 1,4-Dichlorobenzene	7.52	146	298378	38.672 ng	99
14) 1,2-Dichlorobenzene	7.83	146	285251	37.286 ng	98
15) Benzyl Alcohol	7.76	79	256791	32.226 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.02	45	205309	30.738 ng	96
17) 2-Methylphenol	7.95	107	212634	33.548 ng	96
18) Hexachloroethane	8.53	117	115267	38.433 ng	98
19) n-Nitroso-di-n-propylamine	8.30	70	223674	29.030 ng	99
20) 3+4-Methylphenols	8.29	107	276021	31.702 ng	98
22) Acetophenone	8.33	105	396204	41.137 ng	99
24) Nitrobenzene	8.70	77	340716	41.596 ng	96
25) Isophorone	9.22	82	549626	35.709 ng	99
26) 2-Nitrophenol	9.41	139	126892	36.353 ng	91
27) 2,4-Dimethylphenol	9.47	122	219728	44.521 ng	98
28) bis(2-Chloroethoxy)methane	9.70	93	315287	36.581 ng	100
29) 2,4-Dichlorophenol	9.95	162	219046	39.078 ng	98
30) 1,2,4-Trichlorobenzene	10.13	180	259851	43.072 ng	99
31) Naphthalene	10.31	128	771614	40.683 ng	99
32) Benzoic acid	9.66	122	117920	27.756 ng	96
33) 4-Chloroaniline	10.47	127	182868	23.404 ng	97
34) Hexachlorobutadiene	10.56	225	161321	45.339 ng	96
35) Caprolactam	11.30	113	65269m	30.762 ng	
36) 4-Chloro-3-methylphenol	11.60	107	244198	35.062 ng	100
37) 2-Methylnaphthalene	11.94	142	541926	39.246 ng	98
38) 1-Methylnaphthalene	12.16	142	517573	37.962 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	267578	44.881 ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020059.D
 Acq On : 24 Apr 2019 06:05
 Operator : JU/SJ
 Sample : PB119063BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 PB119063BS

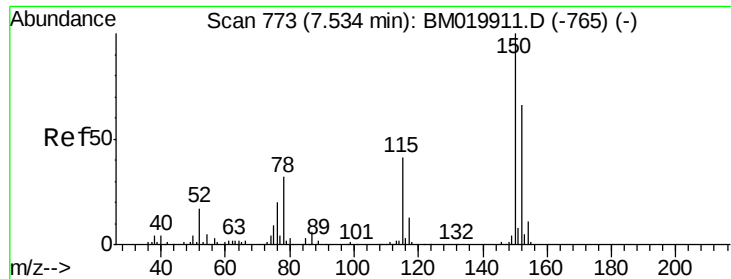
Manual Integrations
 APPROVED

Sohil
 4/24/2019 11:49:53 AM

Quant Time: Apr 24 08:33:37 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)
41) Hexachlorocyclopentadiene	12.26	237	163851	77.972	nq	97
43) 2,4,6-Trichlorophenol	12.59	196	171157	42.344	nq	98
44) 2,4,5-Trichlorophenol	12.67	196	171261	40.709	nq	97
46) 1,1'-Biphenyl	12.97	154	692082	41.346	nq	99
47) 2-Chloronaphthalene	13.02	162	533487	41.783	nq	99
48) 2-Nitroaniline	13.27	65	174690	37.958	nq	96
49) Acenaphthylene	13.87	152	847042	38.129	nq	99
50) Dimethylphthalate	13.63	163	669985	39.303	nq	100
51) 2,6-Dinitrotoluene	13.77	165	143187	37.985	nq	87
52) Acenaphthene	14.22	154	489802	39.765	nq	97
53) 3-Nitroaniline	14.12	138	93011	24.711	nq	99
54) 2,4-Dinitrophenol	14.35	184	132844	60.977	nq	90
55) Dibenzofuran	14.56	168	804290	39.931	nq	97
56) 4-Nitrophenol	14.45	139	177400	61.215	nq	91
57) 2,4-Dinitrotoluene	14.58	165	200908	37.078	nq	95
58) Fluorene	15.22	166	655226	38.390	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	160499	41.812	nq	98
60) Diethylphthalate	15.00	149	690880	38.968	nq	99
61) 4-Chlorophenyl-phenylether	15.21	204	325962	39.667	nq	93
62) 4-Nitroaniline	15.30	138	122705	33.088	nq	86
63) Azobenzene	15.51	77	770637	40.669	nq	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	85089	31.533	nq	94
66) n-Nitrosodiphenylamine	15.44	169	555226	40.157	nq	98
67) 4-Bromophenyl-phenylether	16.11	248	191464	39.377	nq	99
68) Hexachlorobenzene	16.22	284	227558	39.003	nq	98
69) Atrazine	16.40	200	185698	39.563	nq	98
70) Pentachlorophenol	16.58	266	219949	73.783	nq	99
71) Phenanthrene	16.96	178	990379	39.461	nq	99
72) Anthracene	17.06	178	991680	39.694	nq	100
73) Carbazole	17.35	167	905455	38.819	nq	100
74) Di-n-butylphthalate	17.89	149	1160755	37.893	nq	99
75) Fluoranthene	19.00	202	1172785	40.605	nq	99
77) Benzidine	19.22	184	500786	34.633	nq	98
78) Pyrene	19.37	202	1228912	35.410	nq	100
80) Butylbenzylphthalate	20.27	149	588013	34.947	nq	98
81) Benzo(a)anthracene	21.13	228	1254872	37.799	nq	100
82) 3,3'-Dichlorobenzidine	21.07	252	388189	31.428	nq	99
83) Chrysene	21.18	228	1240013	38.948	nq	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	887491	35.429	nq	99
85) Di-n-octyl phthalate	21.90	149	1625119	39.983	nq	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	1881051	60.060	nq	99
88) Benzo(b)fluoranthene	22.67	252	1479533	44.069	nq	99
89) Benzo(k)fluoranthene	22.71	252	1426926	45.146	nq	98
90) Benzo(a)pyrene	23.23	252	1407938	47.330	nq	98
91) Dibenzo(a,h)anthracene	25.51	278	1614282	56.285	nq	100
92) Benzo(g,h,i)perylene	26.17	276	1469274	56.560	nq	99

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



#1

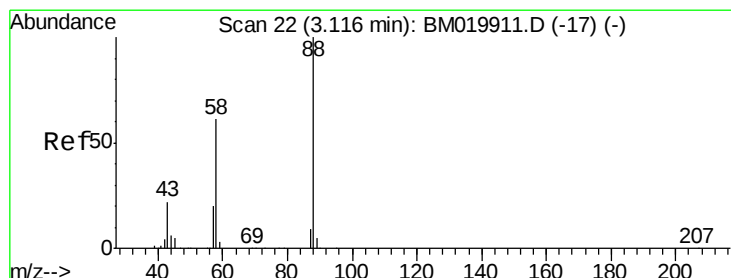
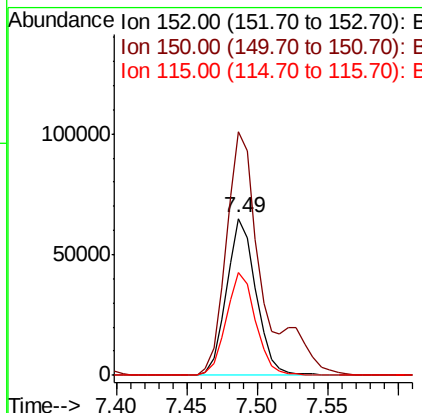
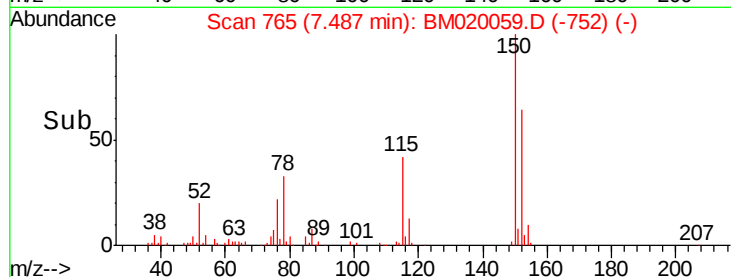
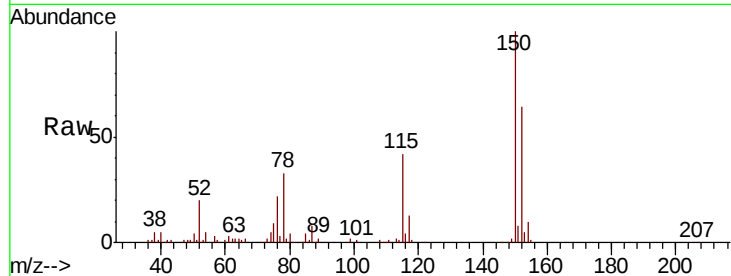
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 765
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampled :
PB119063BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.1	183.1
115	65.3	50.0	75.0

Manual Integrations
APPROVED

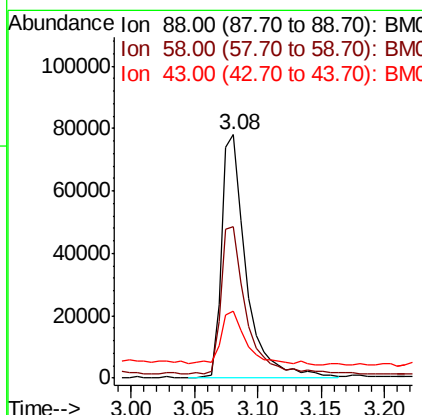
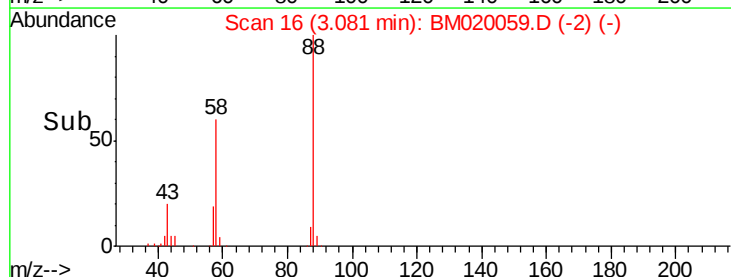
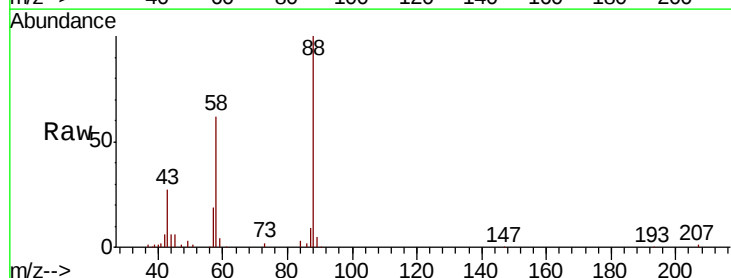
Sohil
4/24/2019 11:49:53 AM

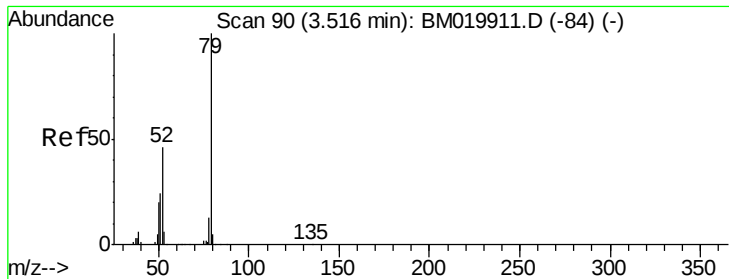


#2

1,4-Dioxane
Concen: 42.084 ng
RT: 3.08 min Scan# 16
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.9	49.6	74.4
43	22.9	18.6	27.8





#3

Pvridine

Concen: 32.922 ng

RT: 3.48 min Scan# 84

Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Instrument :

BNA_M

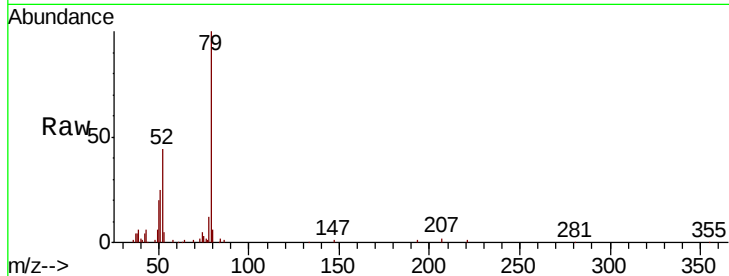
ClientSampled :

PB119063BS

Tot Ion:	79	Resp:	231726
Ion Ratio	Lower	Upper	
79	100		
52	43.5	36.9	55.3
51	25.0	20.0	30.0

Manual Integrations
APPROVED

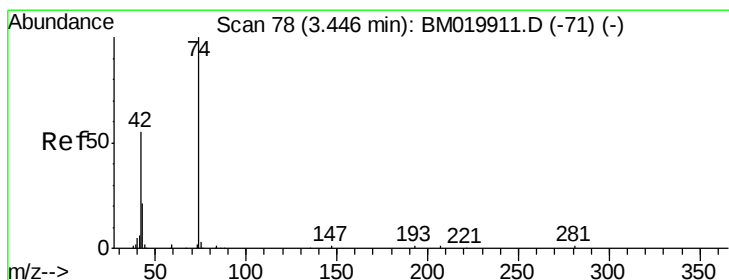
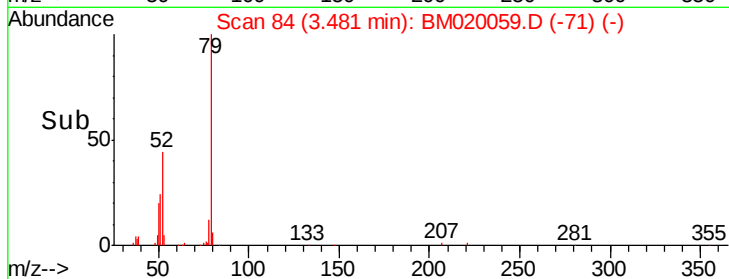
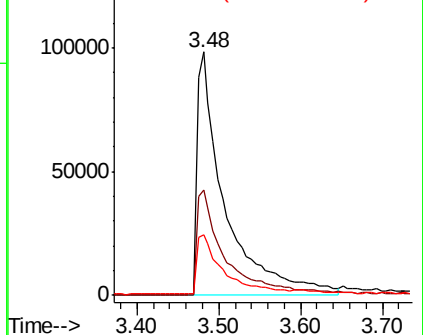
Sohil
4/24/2019 11:49:53 AM



Abundance Ion 79.00 (78.70 to 79.70): BM0

Ion 52.00 (51.70 to 52.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 41.030 ng

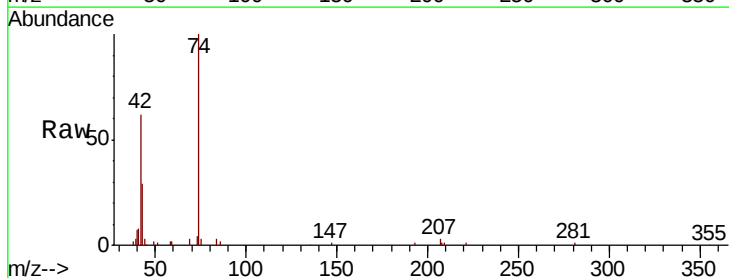
RT: 3.41 min Scan# 72

Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

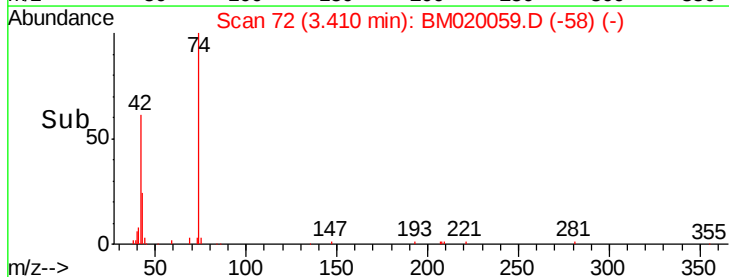
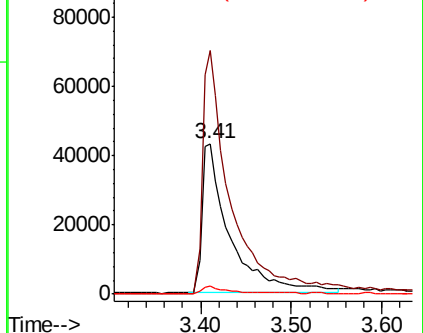
Tgt Ion:	42	Resp:	93031
Ion Ratio	Lower	Upper	
42	100		
74	161.8	144.6	217.0
44	5.1	5.4	8.2#

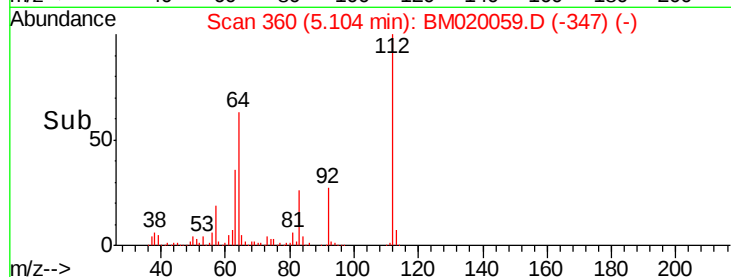
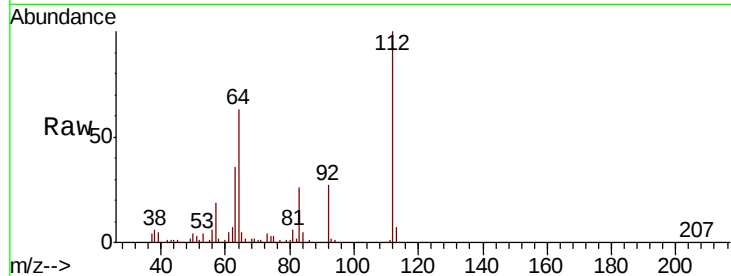
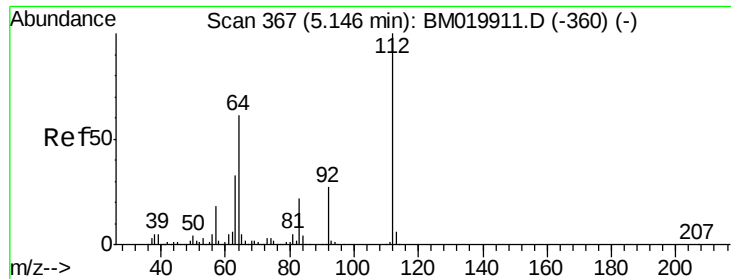


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





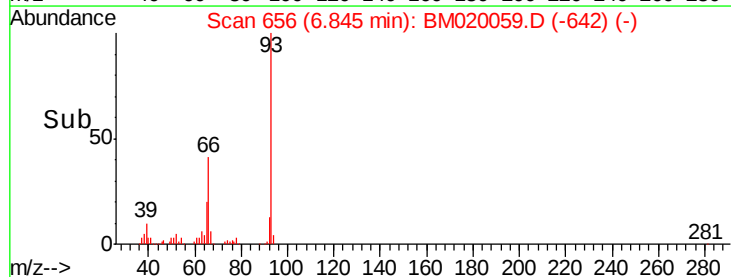
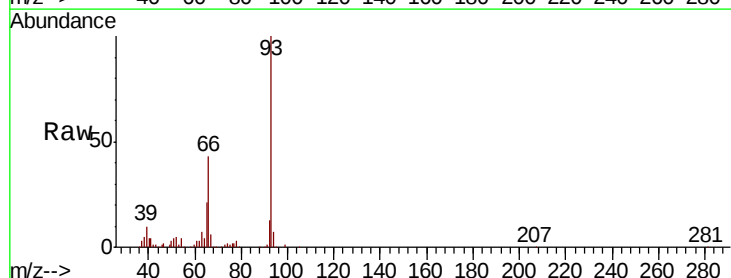
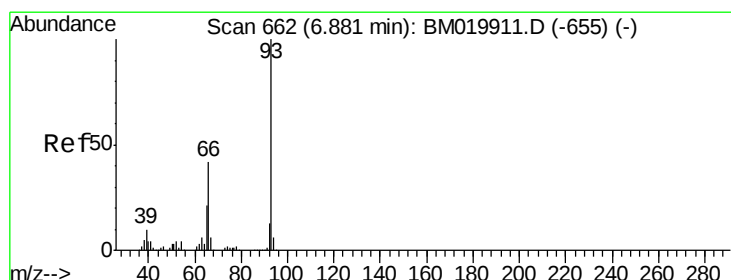
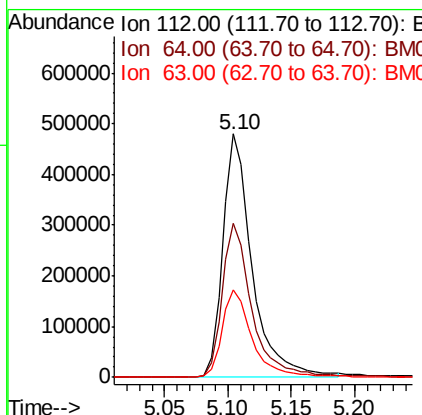
#5
2-Fluorophenol
Concen: 132.380 ng
RT: 5.10 min Scan# 360
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tot Ion	Ratio	Resp	Lower	Upper
112	100	770992		
64	63.1		49.1	73.7
63	36.0		26.5	39.7

Instrument :
BNA_M
ClientSampleId :
PB119063BS

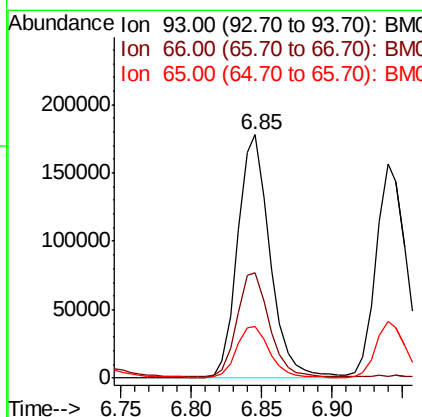
Manual Integrations
APPROVED

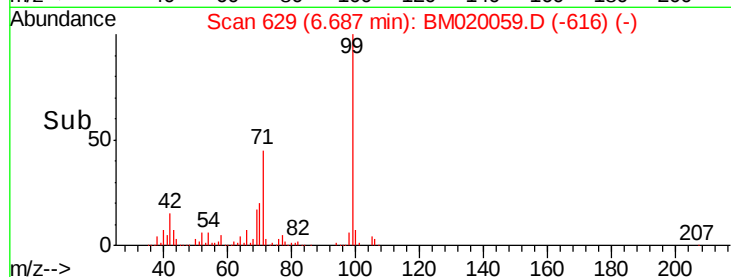
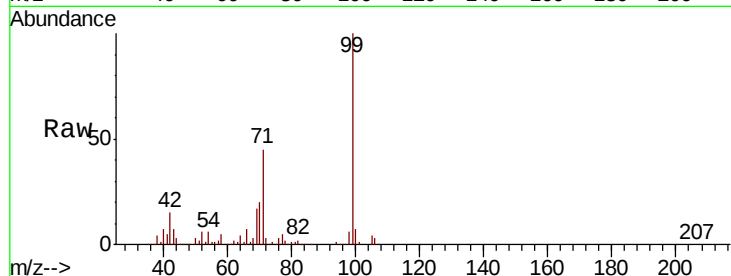
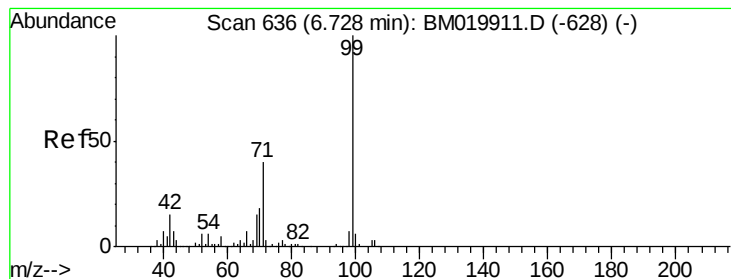
Sohil
4/24/2019 11:49:53 AM



#6
Aniline
Concen: 25.192 ng
RT: 6.85 min Scan# 656
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	285203		
66	43.1		33.9	50.9
65	21.3		17.0	25.6





#7

Phenol-d6

Concen: 113.819 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Tot Ion:	99	Resp:	997638
Ion Ratio	Lower	Upper	
99	100		
42	15.4	11.8	17.8
71	44.8	32.0	48.0

Instrument :

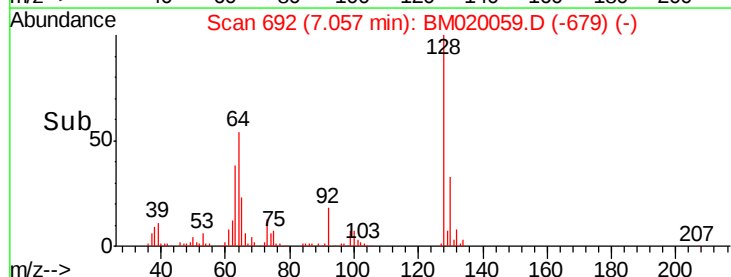
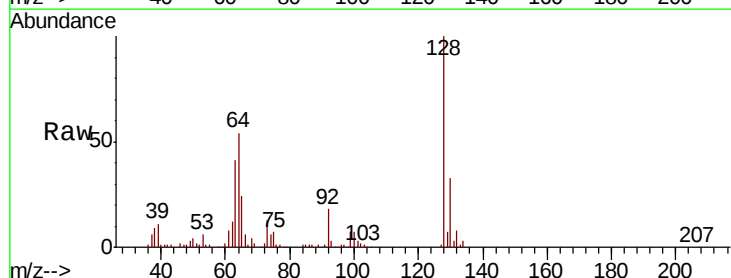
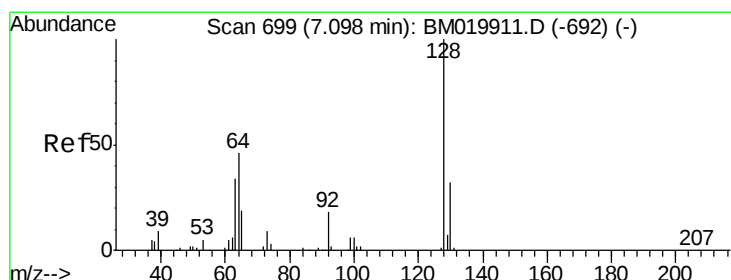
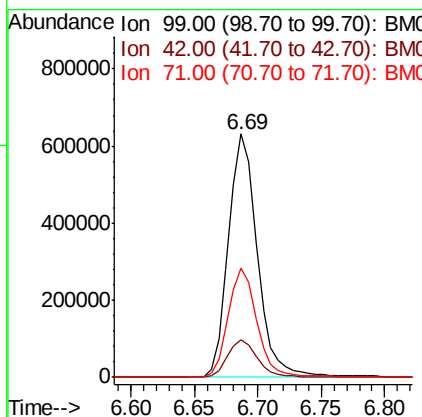
BNA_M

ClientSampleId :

PB119063BS

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM



#8

2-Chlorophenol

Concen: 35.982 ng

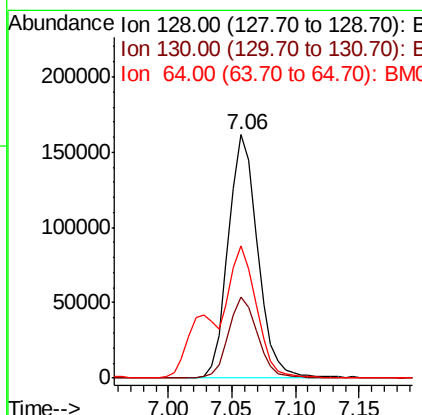
RT: 7.06 min Scan# 692

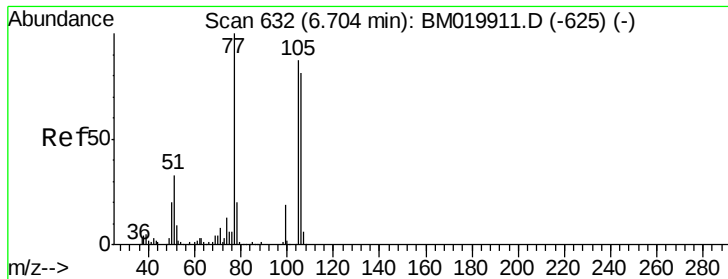
Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Tgt Ion:	128	Resp:	260642
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.0	52.0
64	54.1	33.0	73.0





#9

Benzaldehyde

Concen: 12.852 ng

RT: 6.68 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Instrument :

BNA_M

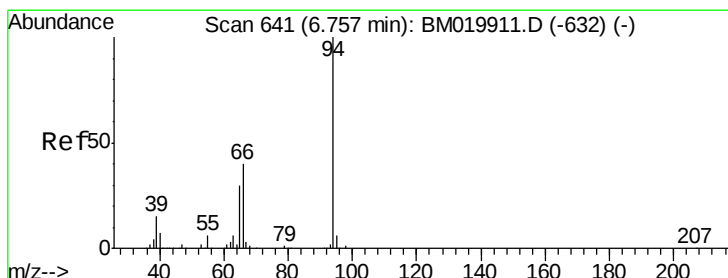
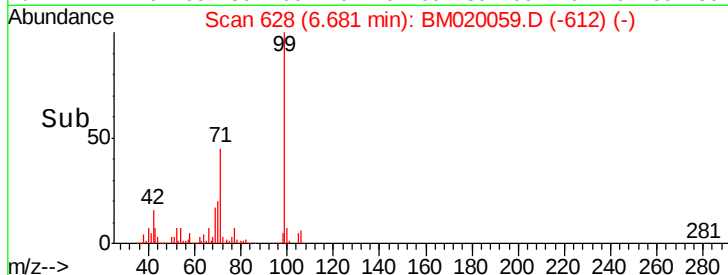
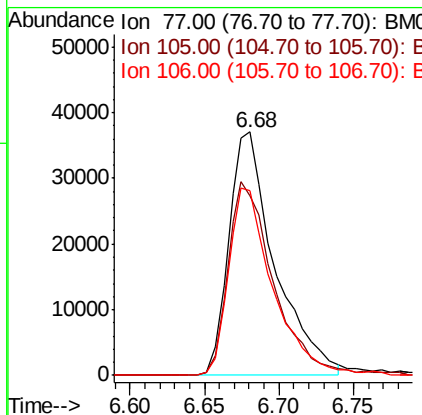
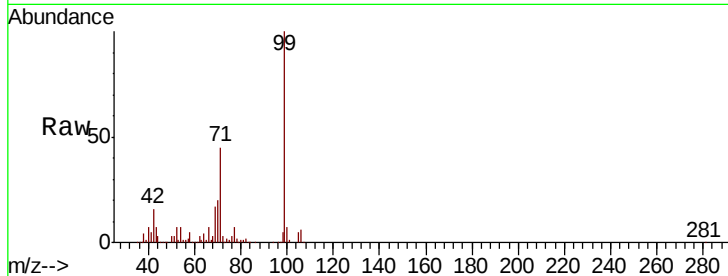
ClientSampleID :

PB119063BS

Tot Ion:	77	Resp:	79718
Ion	Ratio	Lower	Upper
77	100		
105	74.0	67.3	107.3
106	75.8	60.6	100.6

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM



#10

Phenol

Concen: 35.183 ng

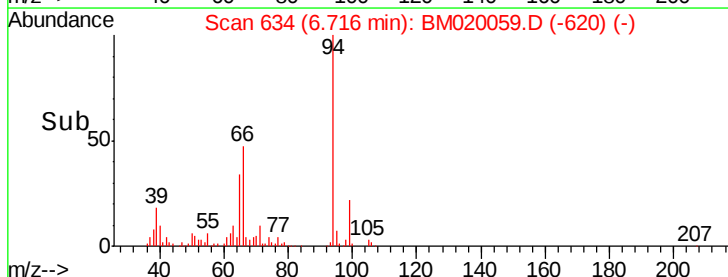
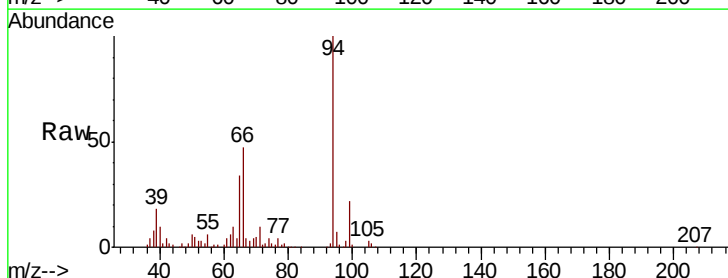
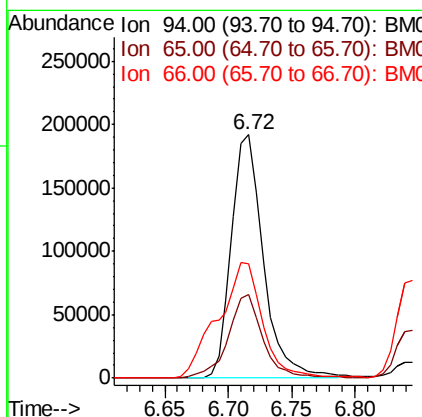
RT: 6.72 min Scan# 634

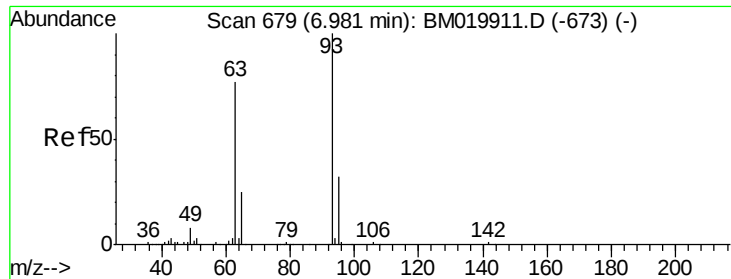
Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Tgt Ion:	94	Resp:	336929
Ion	Ratio	Lower	Upper
94	100		
65	34.2	10.0	50.0
66	47.2	20.2	60.2





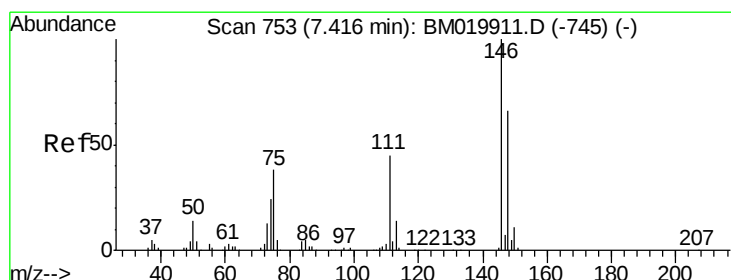
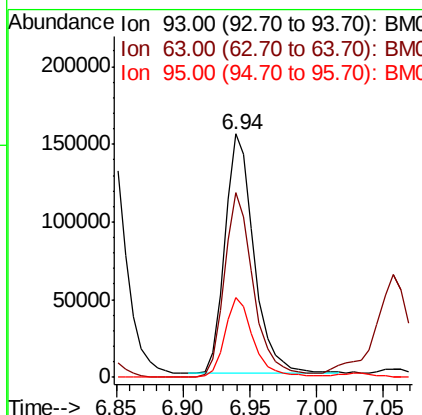
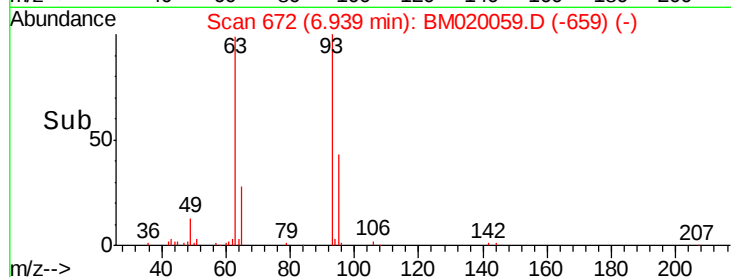
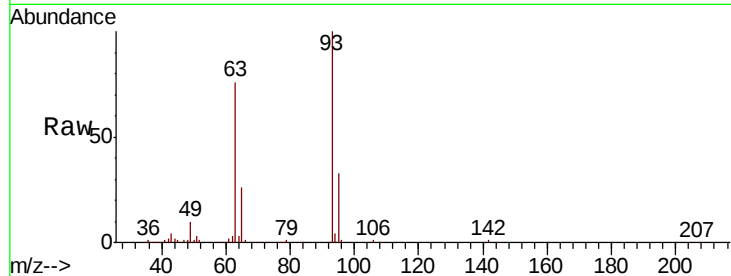
#11
bis(2-Chloroethyl)ether
Concen: 33.591 ng
RT: 6.94 min Scan# 672
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	235365		
63	75.7		55.8	95.8
95	32.6		11.6	51.6

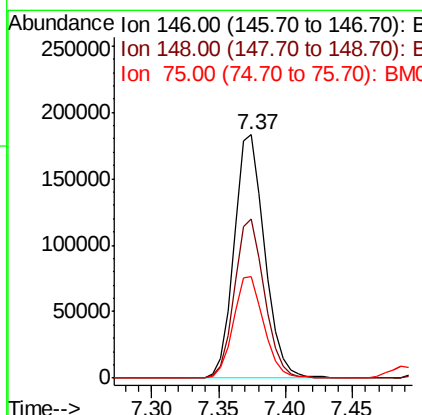
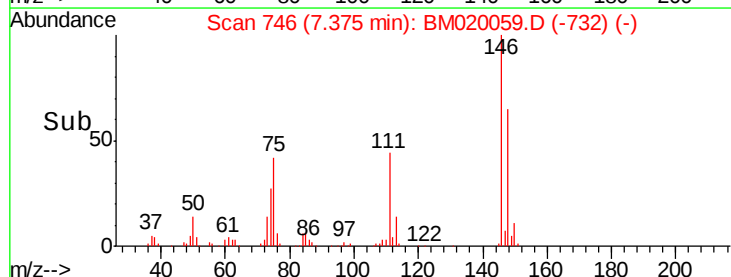
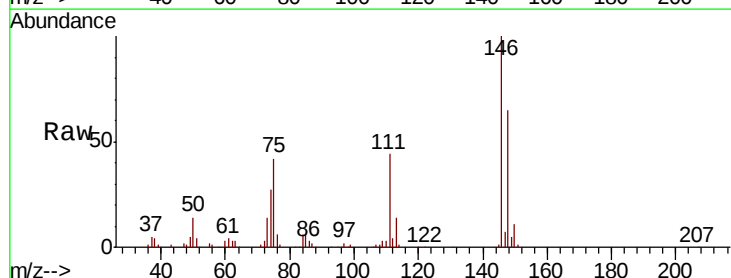
Manual Integrations
APPROVED

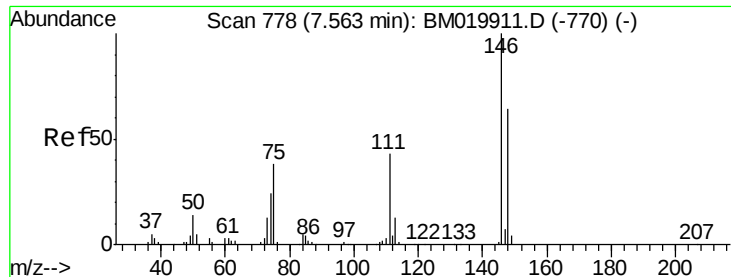
Sohil
4/24/2019 11:49:53 AM



#12
1,3-Dichlorobenzene
Concen: 38.197 ng
RT: 7.37 min Scan# 746
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	290474		
148	65.3		52.6	78.8
75	41.6		30.0	45.0





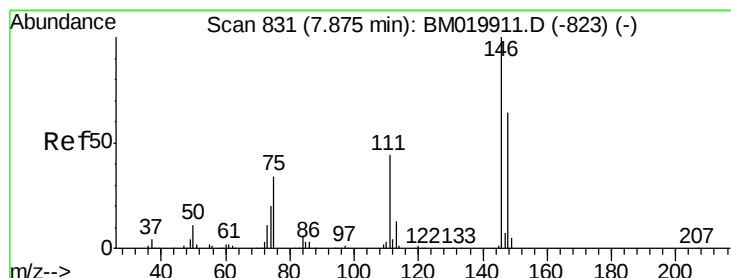
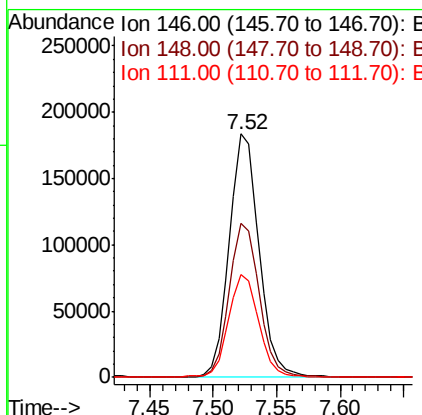
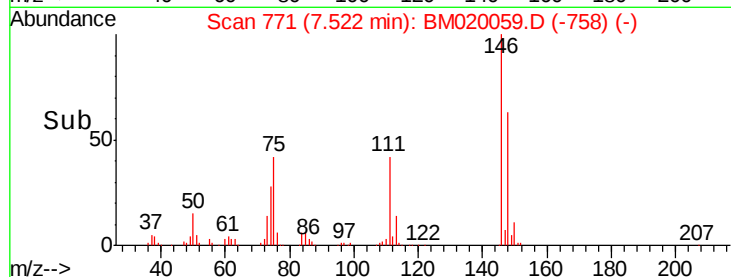
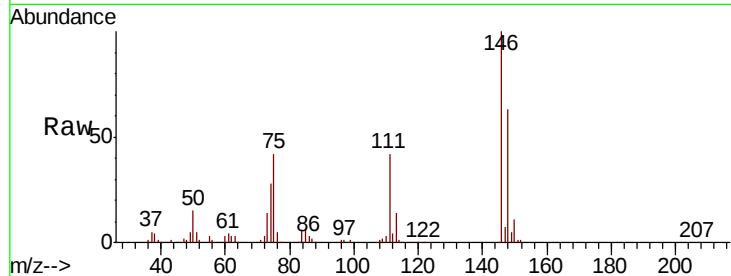
#13
 1,4-Dichlorobenzene
 Concen: 38.672 ng
 RT: 7.52 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

Instrument :
 BNA_M
 ClientSampleID :
 PB119063BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
111	42.0	34.6	51.8

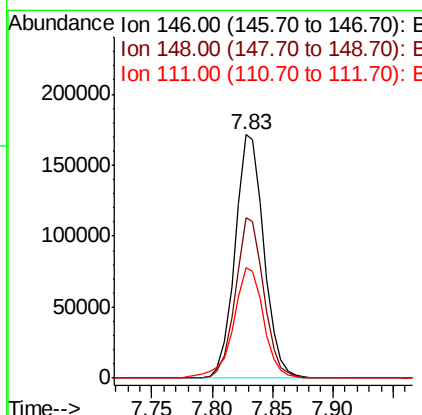
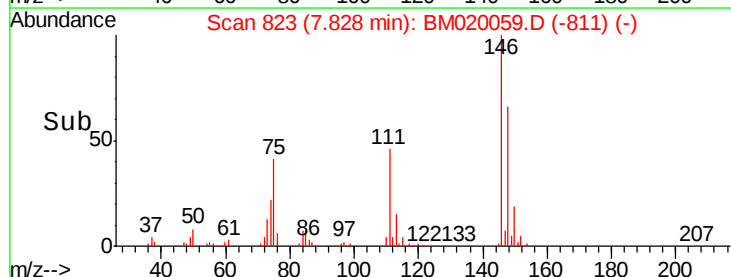
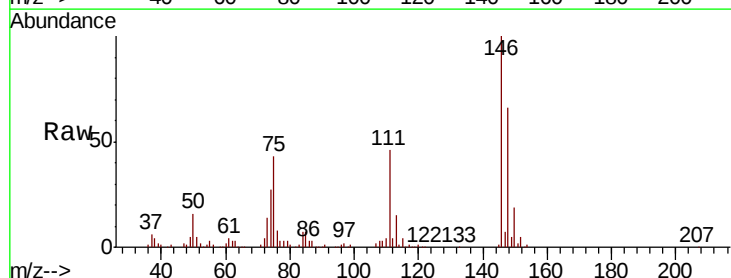
Manual Integrations
 APPROVED

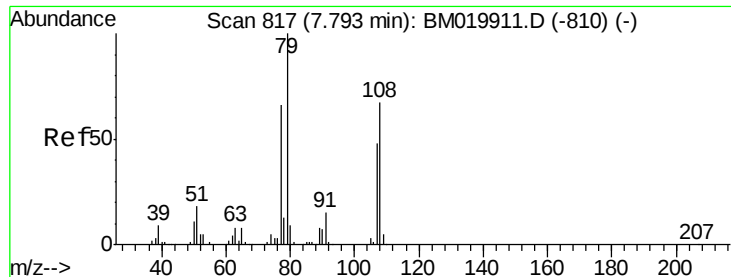
Sohil
 4/24/2019 11:49:53 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.286 ng
 RT: 7.83 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.2
111	45.6	35.4	53.0





#15

Benzyl Alcohol

Concen: 32.226 ng

RT: 7.76 min Scan# 811

Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Instrument :

BNA_M

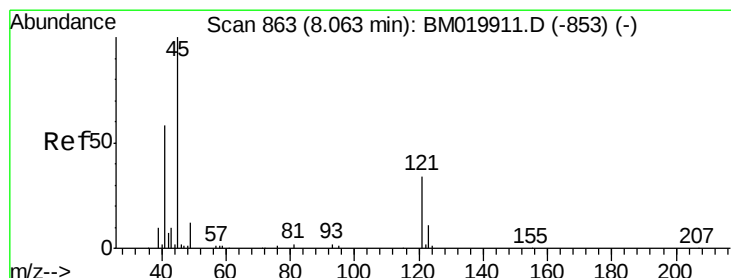
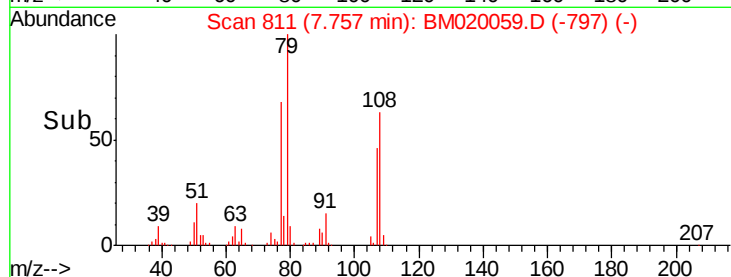
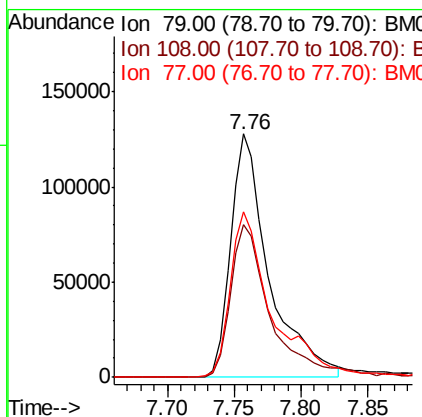
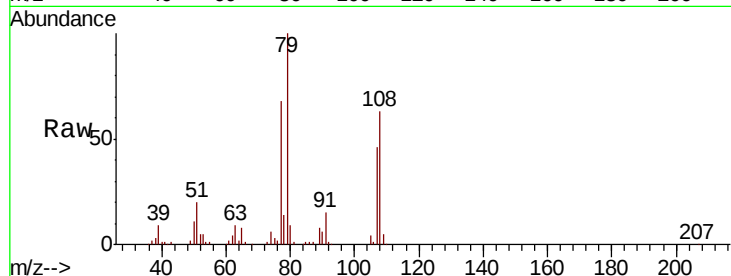
ClientSampleId :

PB119063BS

Tot Ion:	79	Resp:	256791
Ion Ratio	Lower	Upper	
79	100		
108	62.9	53.9	80.9
77	67.9	53.1	79.7

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.738 ng

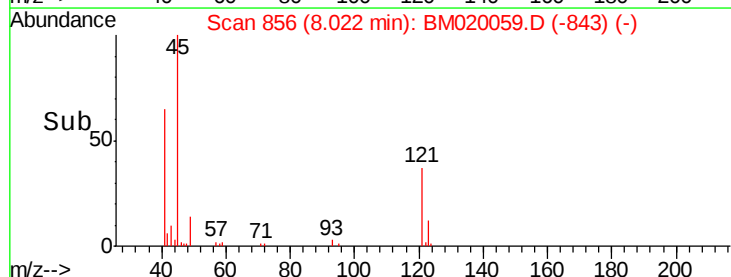
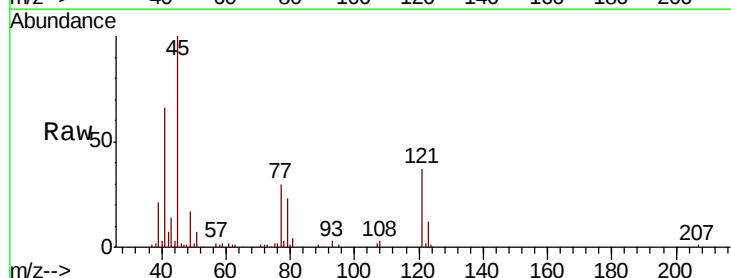
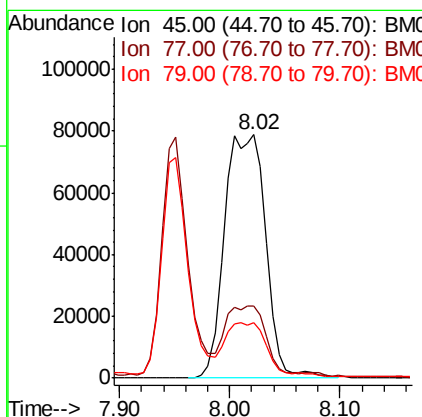
RT: 8.02 min Scan# 856

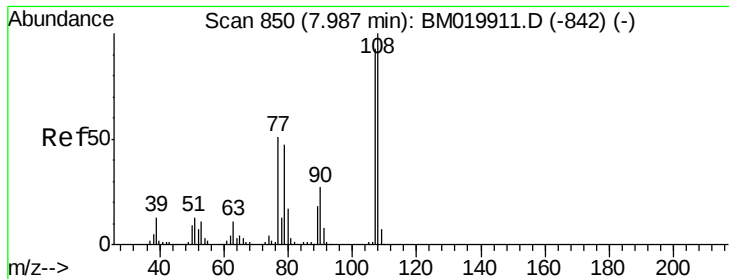
Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Tgt Ion:	45	Resp:	205309
Ion Ratio	Lower	Upper	
45	100		
77	29.5	7.2	47.2
79	22.9	1.2	41.2





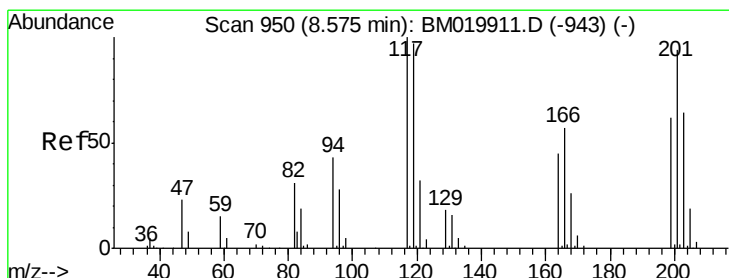
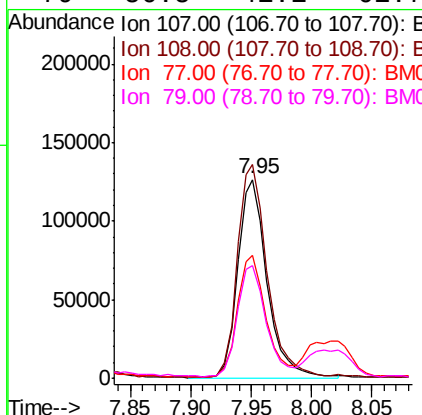
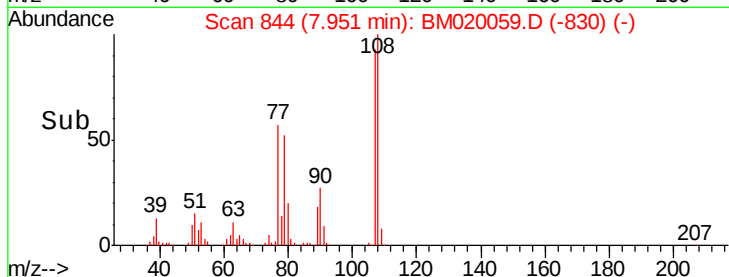
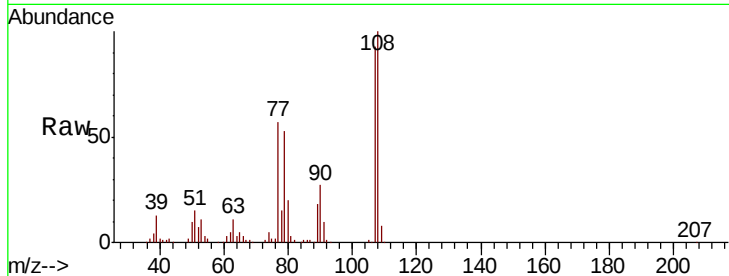
#17
2-Methylphenol
Concen: 33.548 ng
RT: 7.95 min Scan# 844
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.3	85.9	128.9	
77	61.5	43.8	65.6	
79	56.5	41.1	61.7	

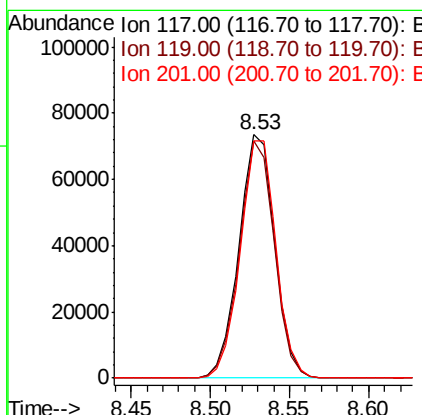
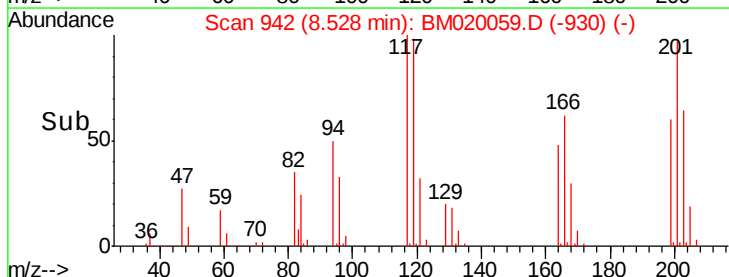
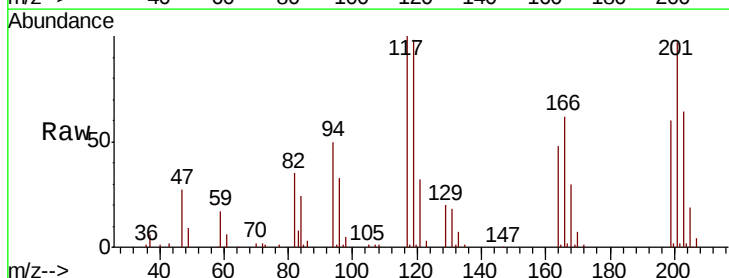
Manual Integrations
APPROVED

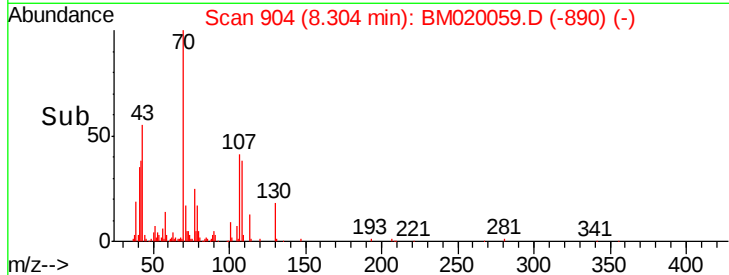
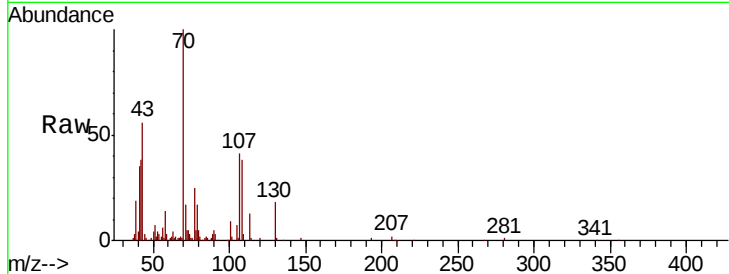
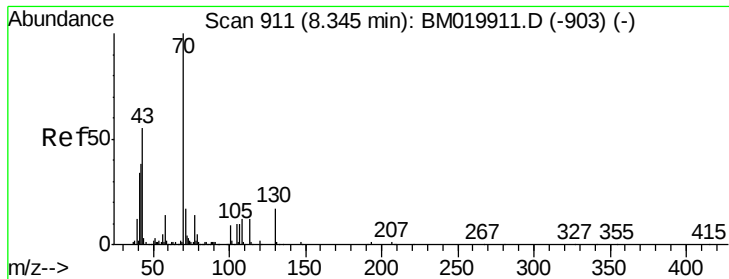
Sohil
4/24/2019 11:49:53 AM



#18
Hexachloroethane
Concen: 38.433 ng
RT: 8.53 min Scan# 942
Delta R.T. -0.03 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	77.6	116.4	
201	97.2	75.4	113.2	





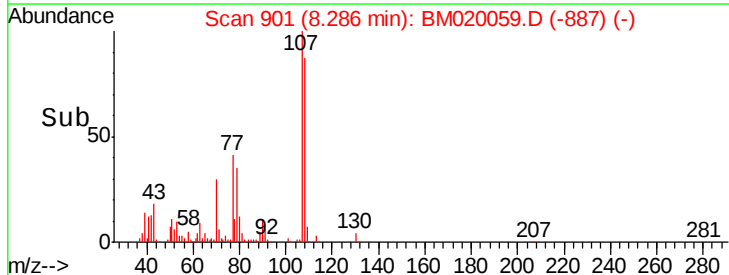
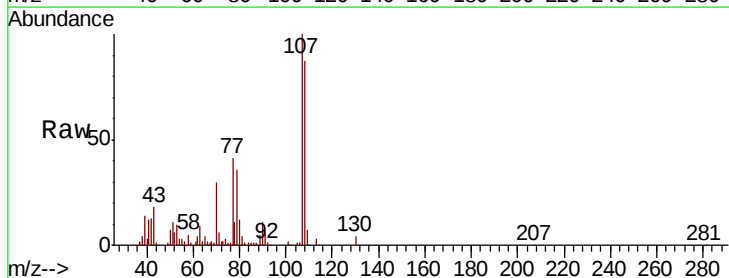
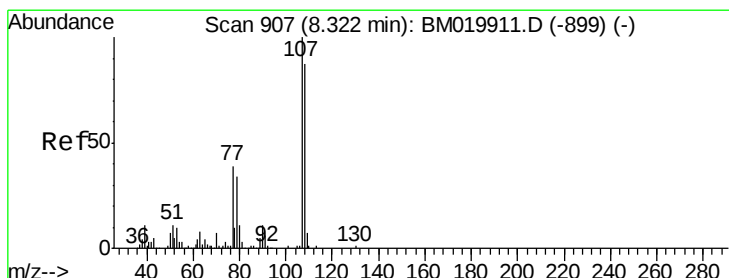
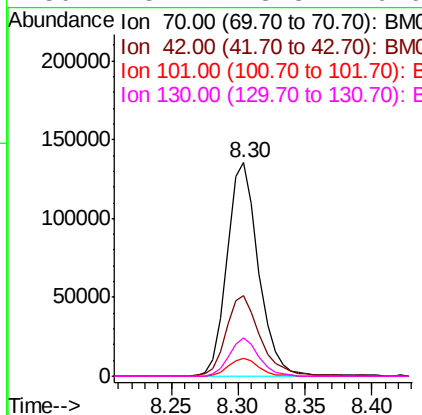
#19
n-Nitroso-di-n-propylamine
Concen: 29.030 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.7	30.3	45.5	
101	8.6	6.9	10.3	
130	18.2	13.8	20.6	

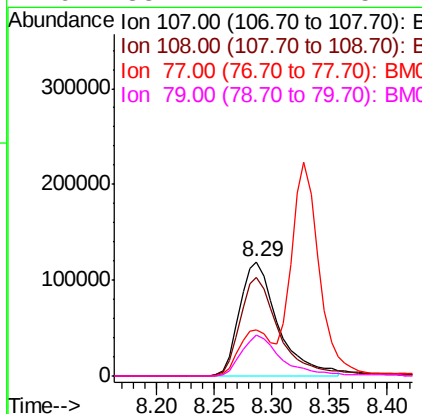
Manual Integrations
APPROVED

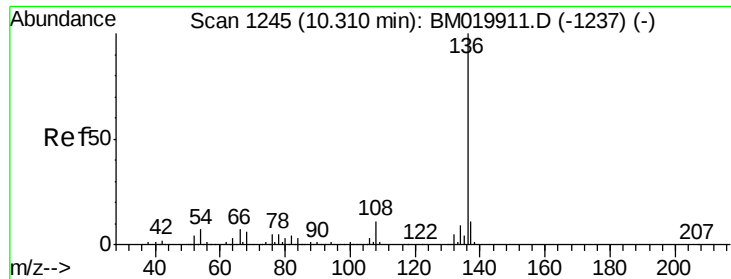
Sohil
4/24/2019 11:49:53 AM



#20
3+4-Methylphenols
Concen: 31.702 ng
RT: 8.29 min Scan# 901
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.6	67.4	107.4	
77	40.9	19.7	59.7	
79	35.7	14.1	54.1	





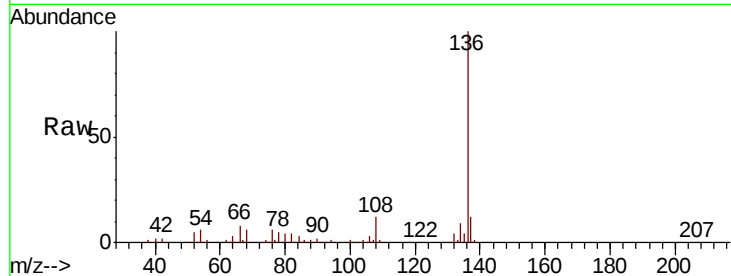
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		353610		
137	11.5		9.0	13.6	
54	6.4		5.3	7.9	
68	6.4		5.2	7.8	

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM



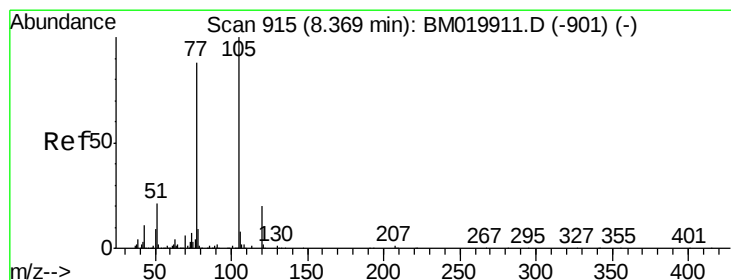
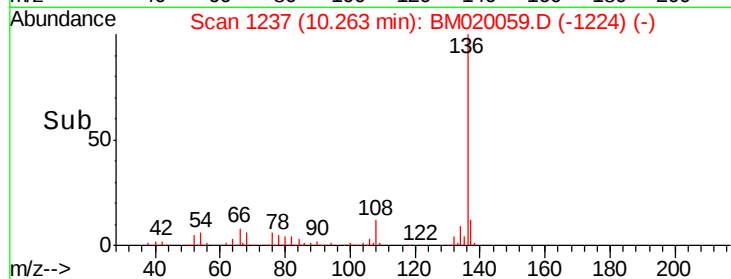
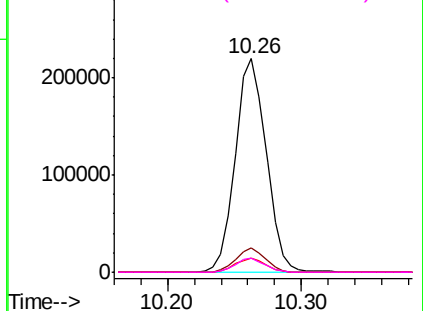
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 41.137 ng
RT: 8.33 min Scan# 908
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		396204		
71	0.8		0.8	1.2	
51	21.7		16.9	25.3	
120	20.4		16.4	24.6	

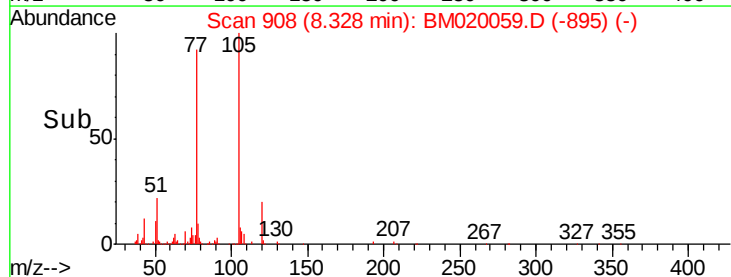
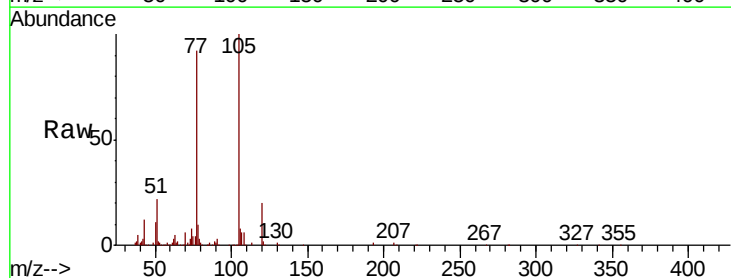
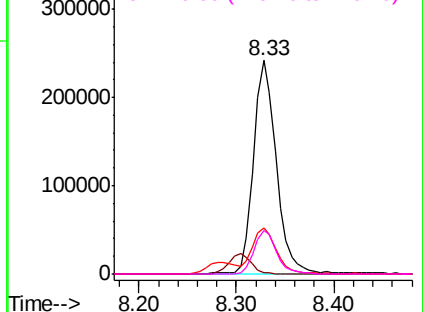
Abundance

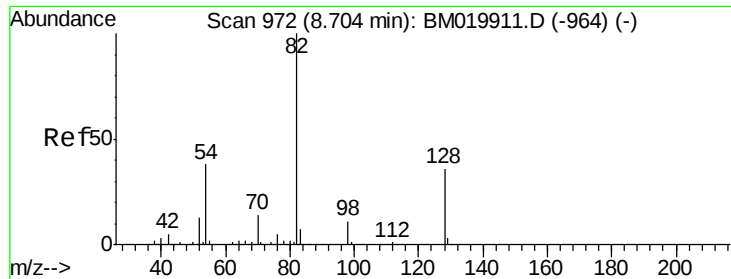
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





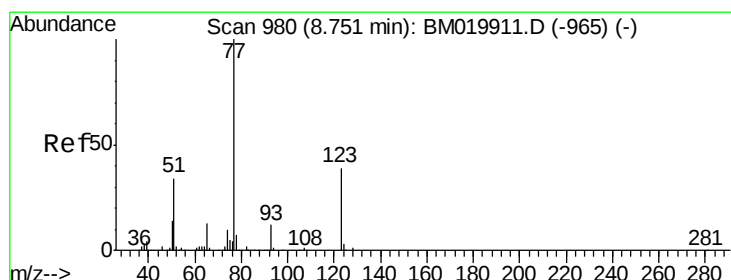
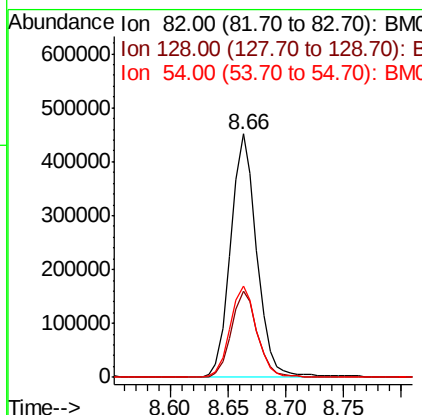
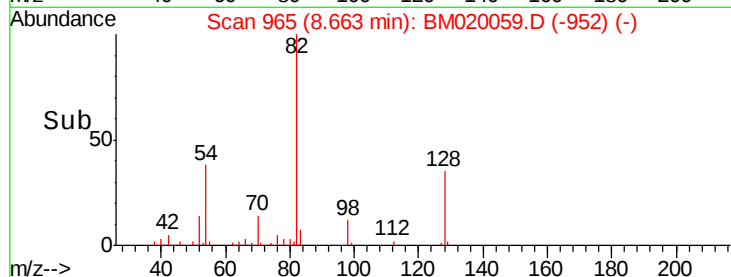
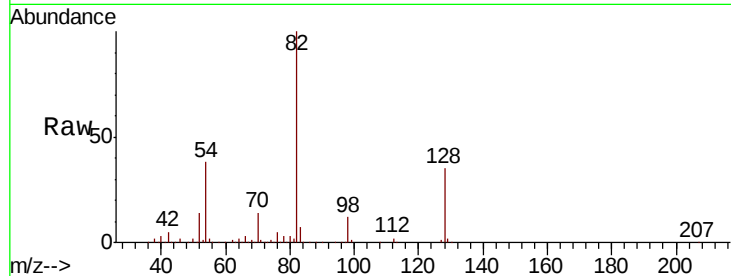
#23
 Nitrobenzene-d5
 Concen: 89.660 ng
 RT: 8.66 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.3	29.0	43.4	
54	37.7	30.2	45.4	

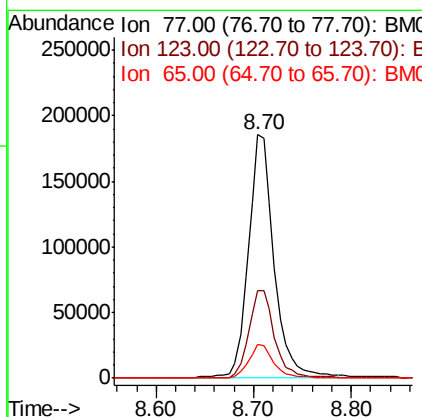
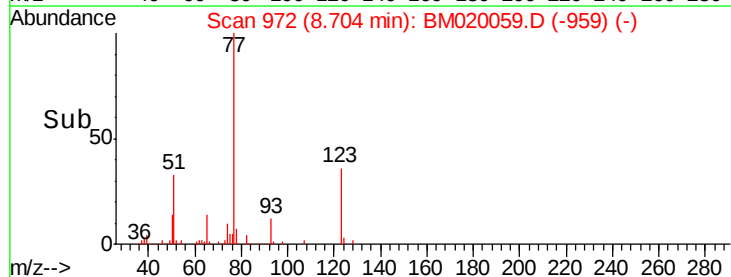
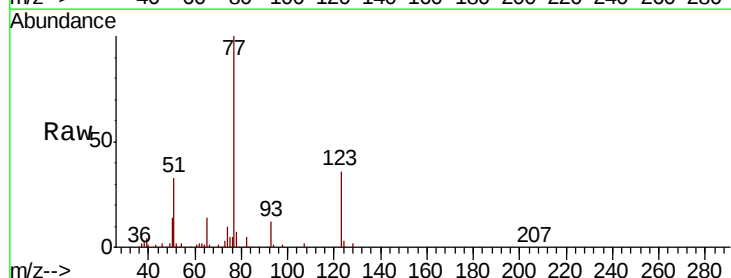
Manual Integrations
 APPROVED

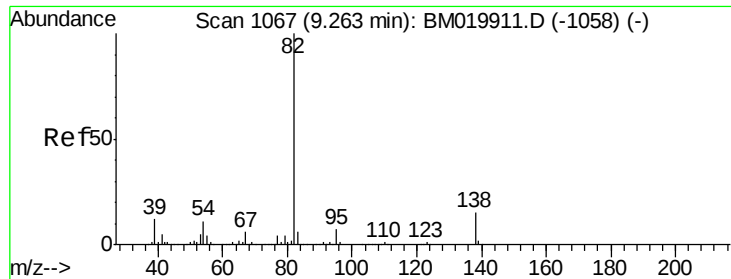
Sohil
 4/24/2019 11:49:53 AM



#24
 Nitrobenzene
 Concen: 41.596 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.1	31.0	46.4	
65	13.9	10.6	16.0	





#25

Isophorone

Concen: 35.709 ng

RT: 9.22 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Instrument :

BNA_M

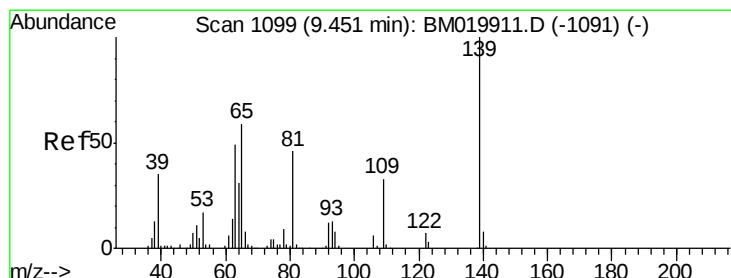
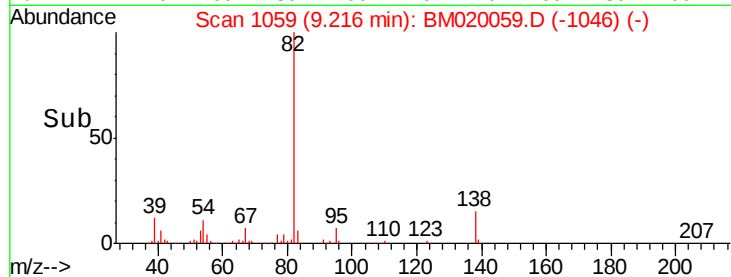
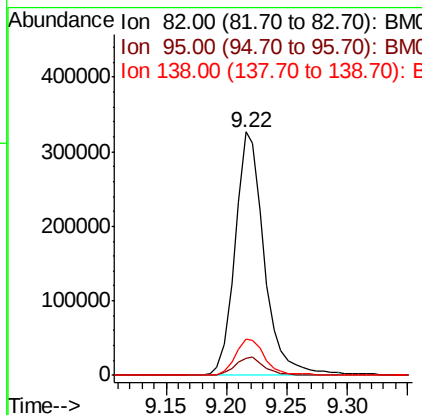
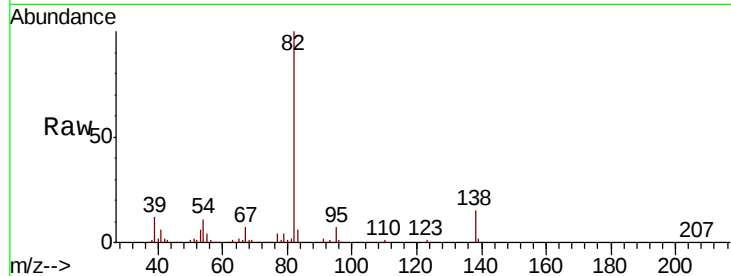
ClientSampleId :

PB119063BS

Tot Ion	82	Resp	549626
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	15.0	12.2	18.2

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM



#26

2-Nitrophenol

Concen: 36.353 ng

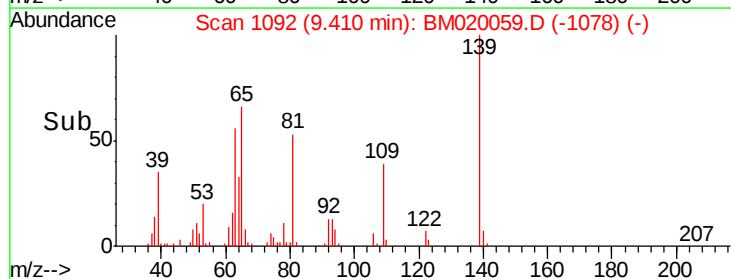
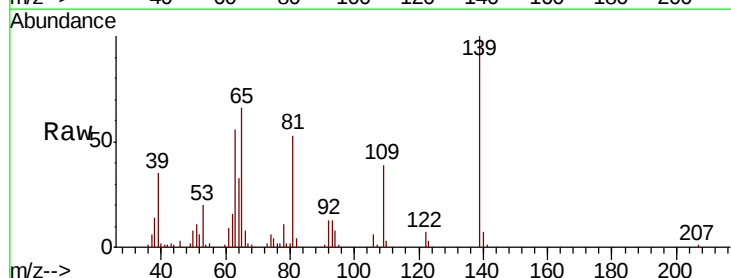
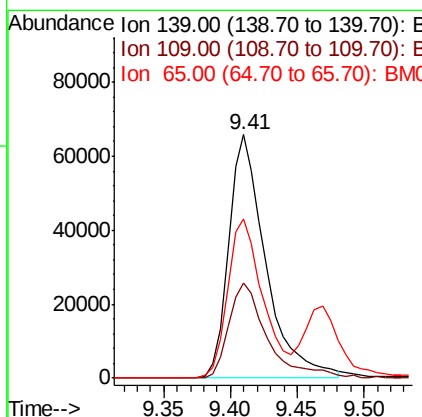
RT: 9.41 min Scan# 1092

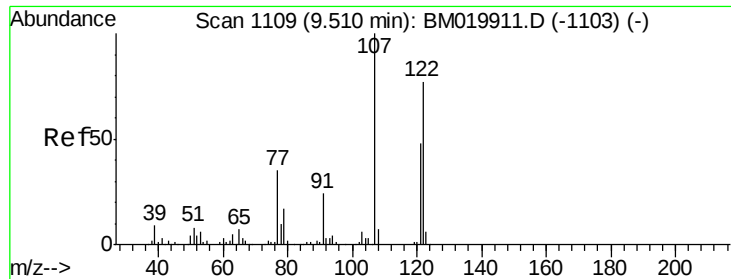
Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Tgt Ion	139	Resp	126892
Ion	Ratio	Lower	Upper
139	100		
109	39.0	26.3	39.5
65	65.5	47.4	71.2





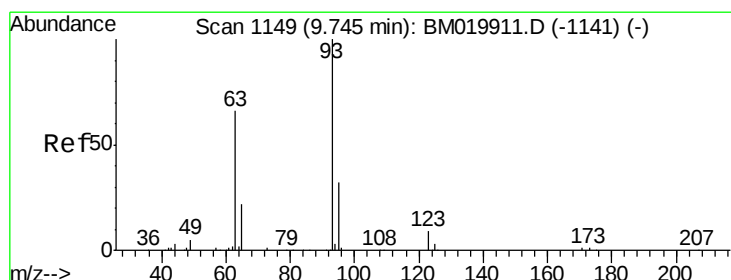
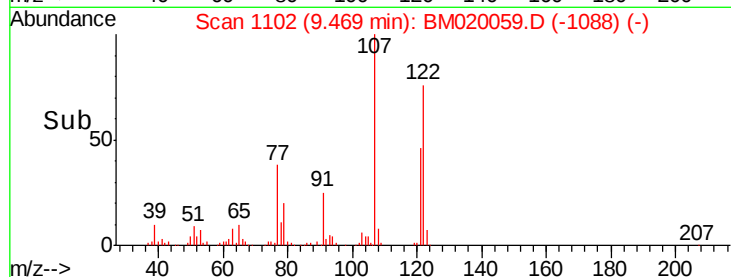
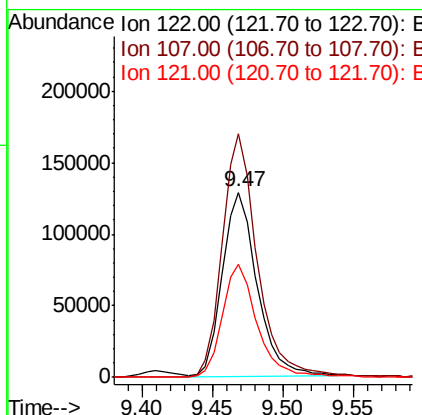
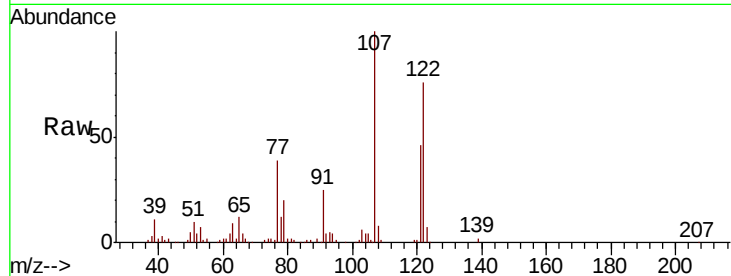
#27
 2,4-Dimethylphenol
 Concen: 44.521 ng
 RT: 9.47 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.5	103.1	154.7
121	60.9	49.8	74.8

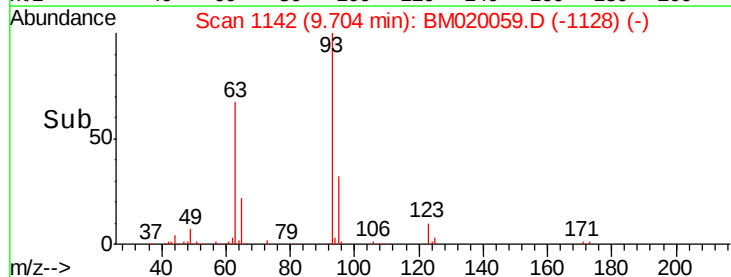
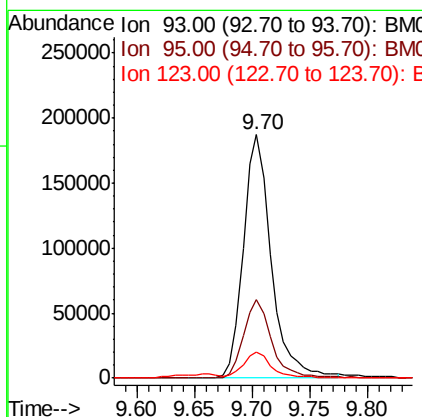
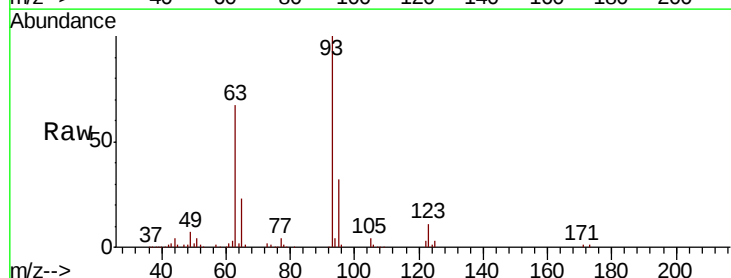
Manual Integrations
 APPROVED

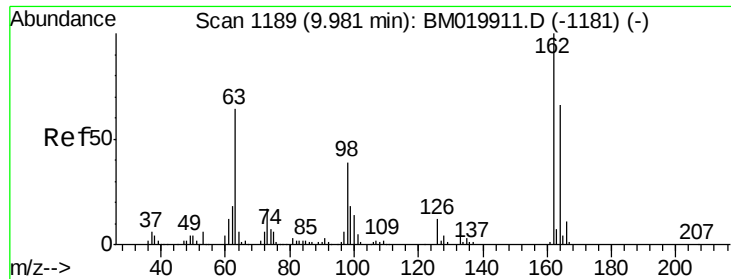
Sohil
 4/24/2019 11:49:53 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.581 ng
 RT: 9.70 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.8
123	10.6	8.2	12.2





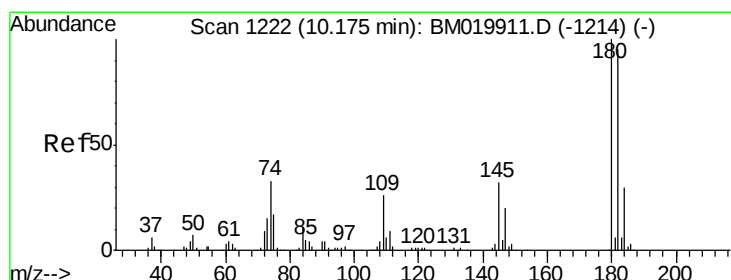
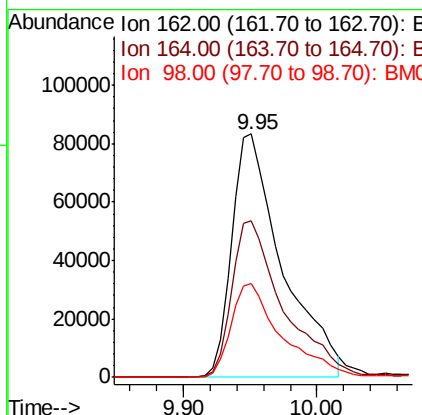
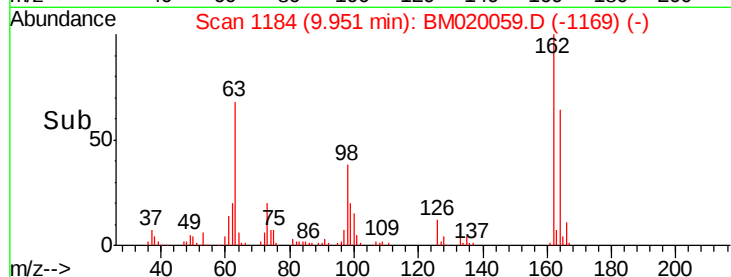
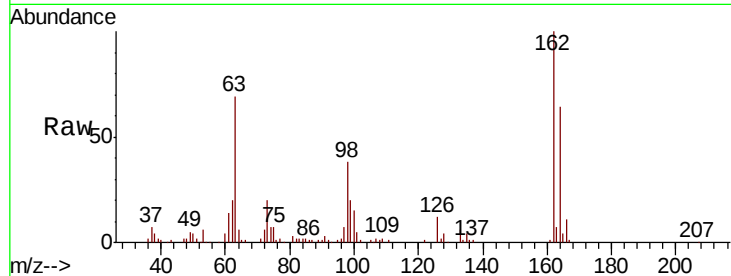
#29
2,4-Dichlorophenol
Concen: 39.078 ng
RT: 9.95 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampled :
PB119063BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	219046		
164	64.5	46.3	86.3	
98	38.3	19.2	59.2	

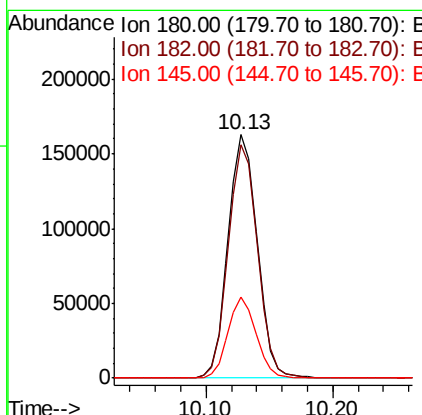
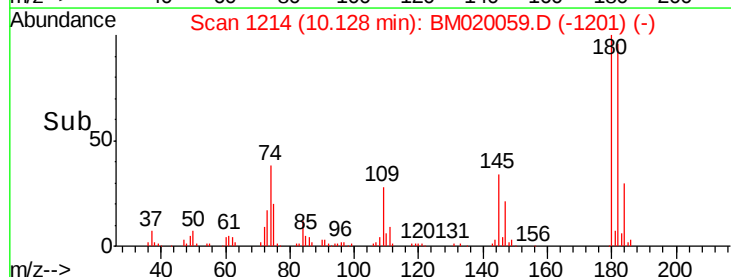
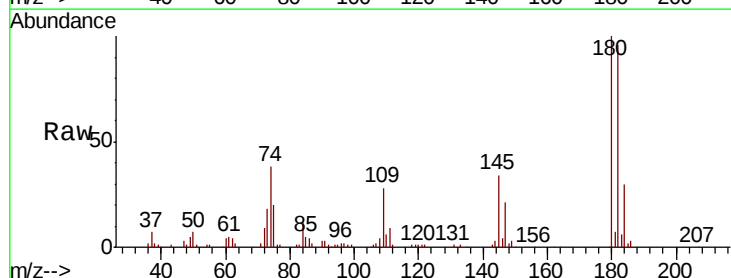
Manual Integrations
APPROVED

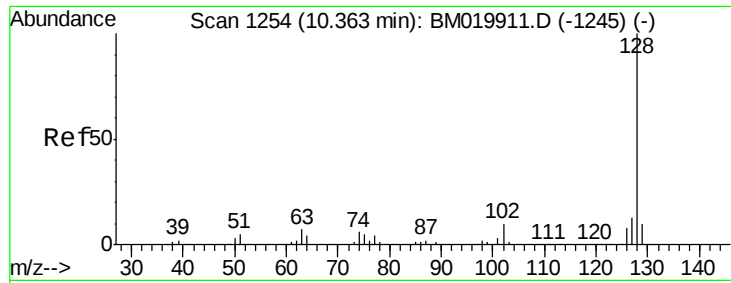
Sohil
4/24/2019 11:49:53 AM



#30
1,2,4-Trichlorobenzene
Concen: 43.072 ng
RT: 10.13 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	259851		
182	95.6	76.3	114.5	
145	33.5	25.5	38.3	





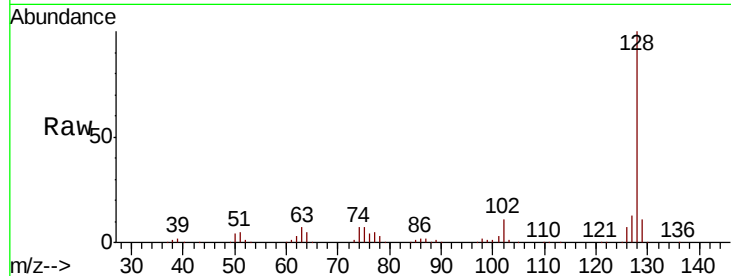
#31
Naphthalene
Concen: 40.683 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.03 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	13.3	10.4	15.6

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM

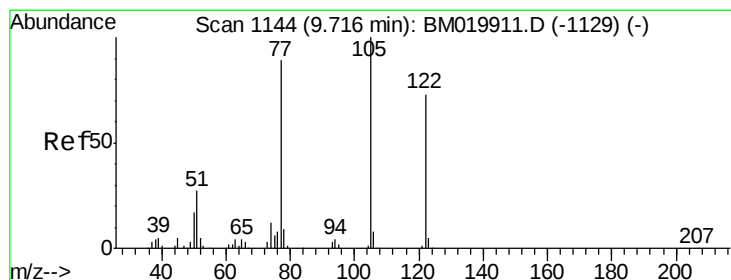
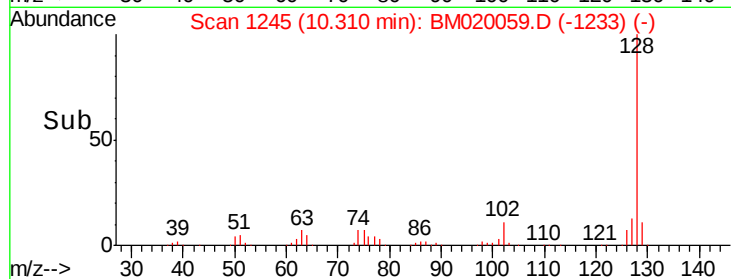
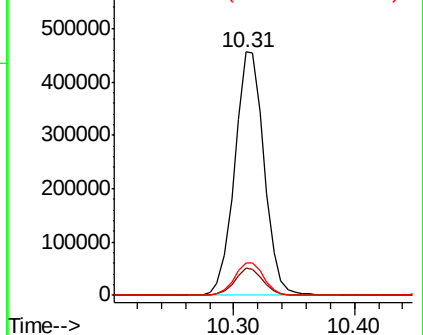


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 27.756 ng
RT: 9.66 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

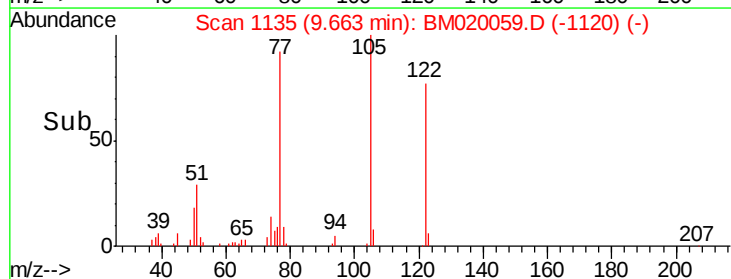
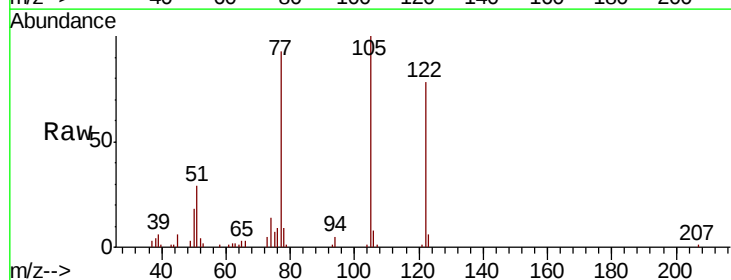
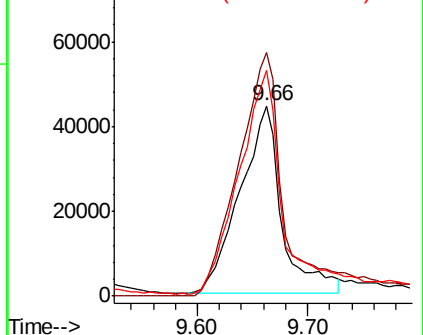
Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.2	114.8	154.8
77	118.7	100.2	140.2

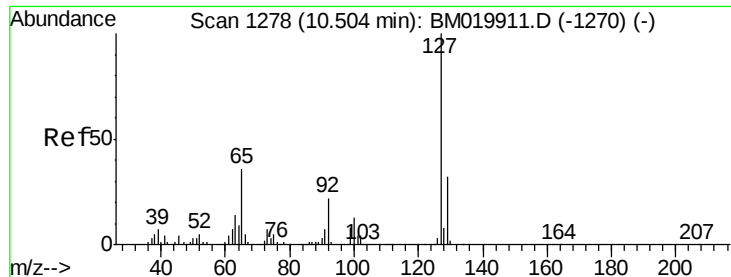
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





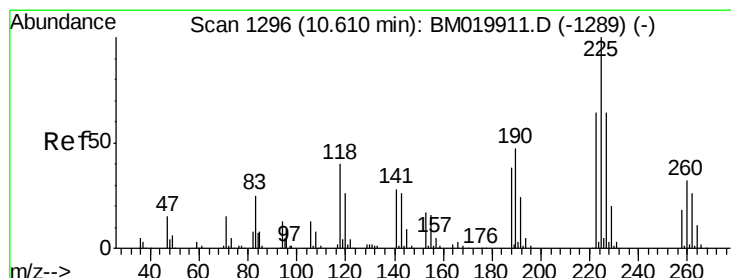
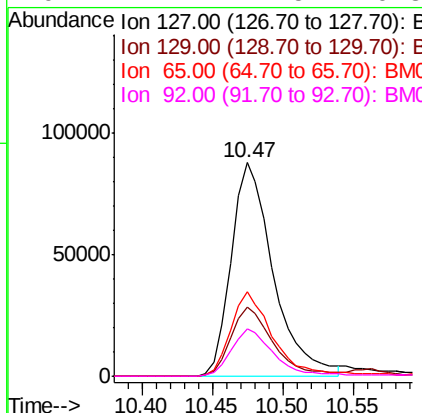
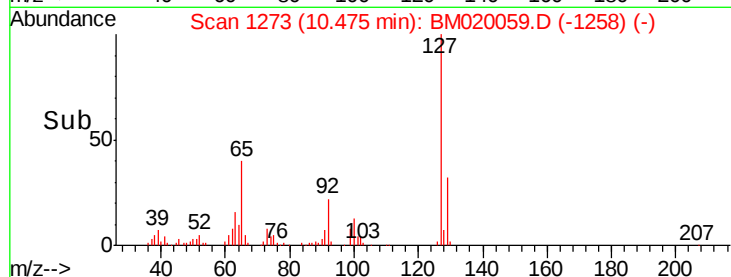
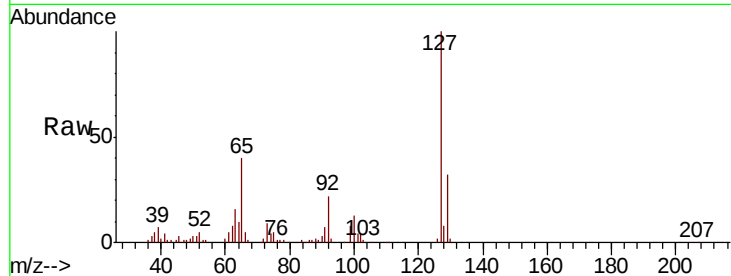
#33
4-Chloroaniline
Concen: 23.404 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampled :
PB119063BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.4	38.0		
65	39.6	29.2	43.8		
92	22.1	17.5	26.3		

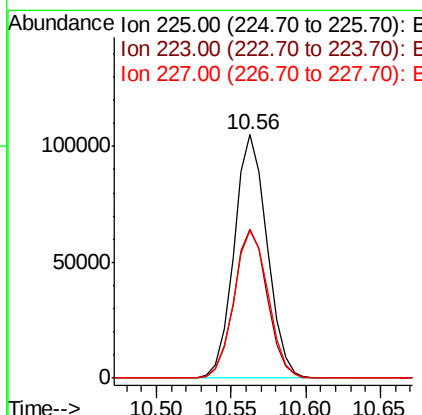
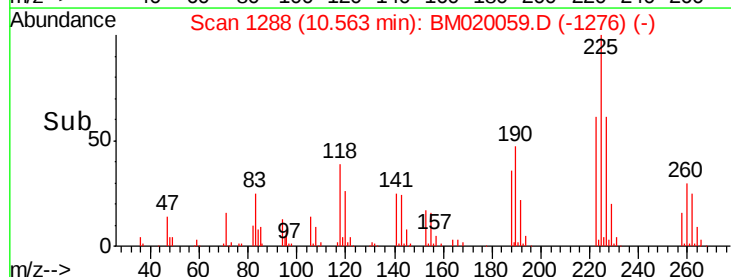
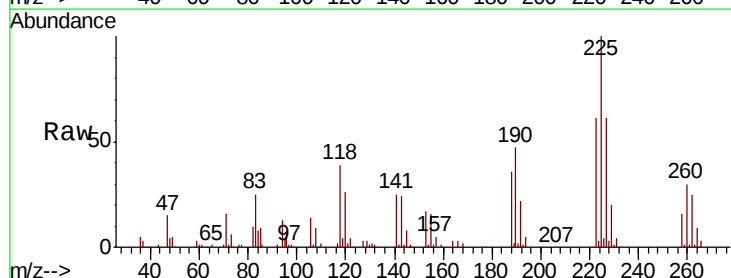
Manual Integrations
APPROVED

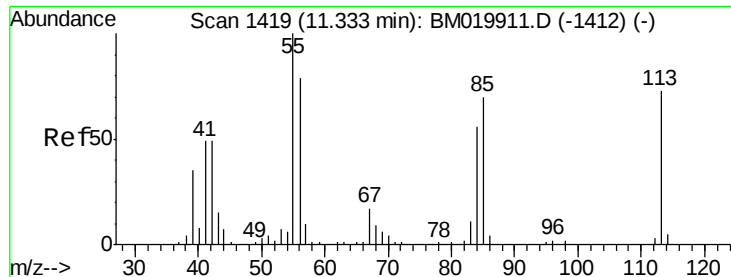
Sohil
4/24/2019 11:49:53 AM



#34
Hexachlorobutadiene
Concen: 45.339 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	51.4	77.2		
227	60.6	51.0	76.6		





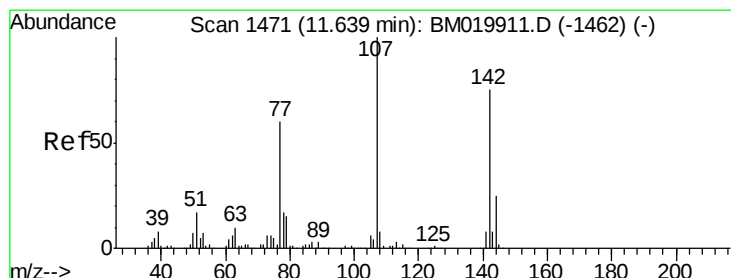
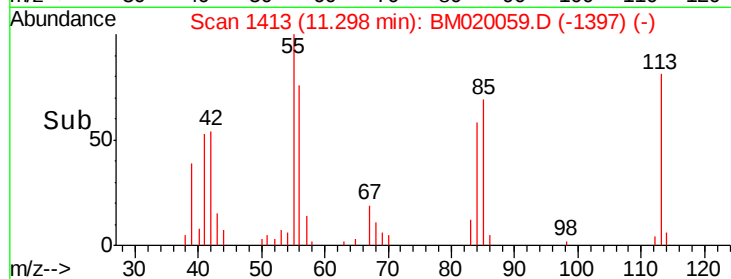
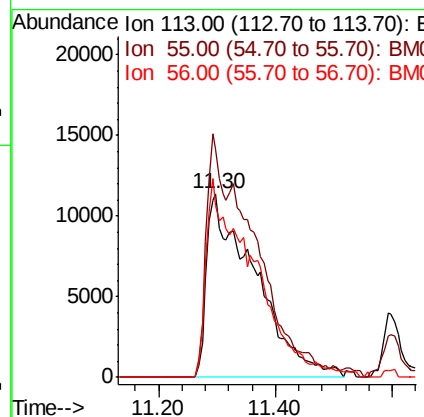
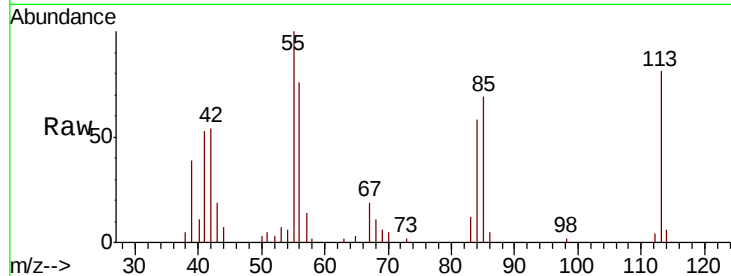
#35
 Caprolactam
 Concen: 30.762 ng/ml
 RT: 11.30 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	123.8	117.1	157.1
56	93.7	88.2	128.2

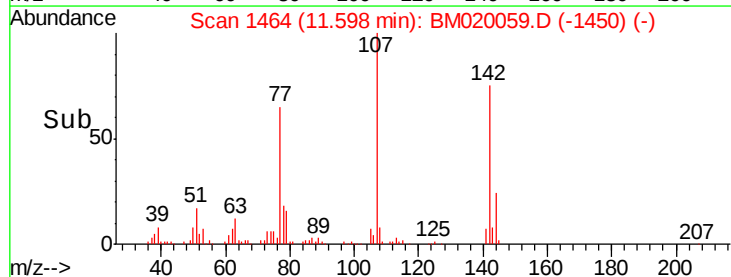
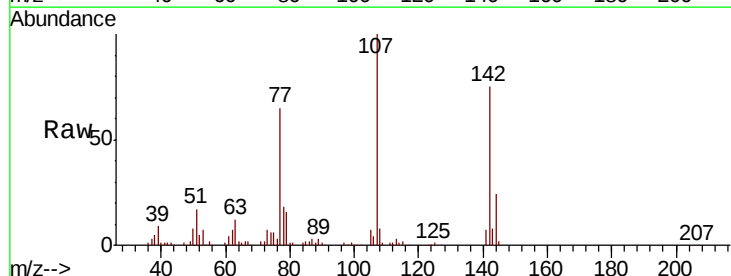
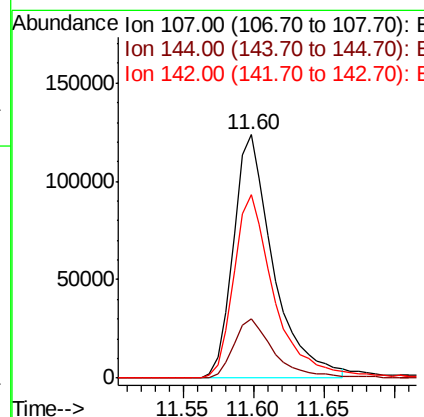
Manual Integrations
 APPROVED

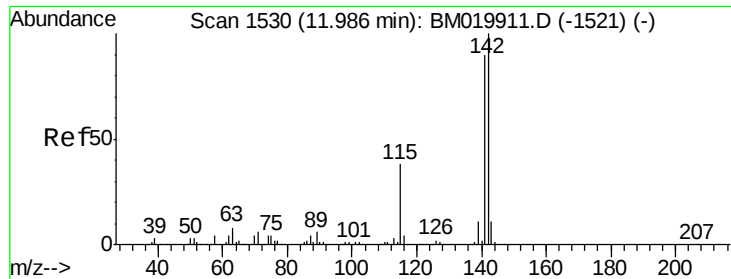
Sohil
 4/24/2019 11:49:53 AM



#36
 4-Chloro-3-methylphenol
 Concen: 35.062 ng/ml
 RT: 11.60 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.8	29.8
142	75.3	60.3	90.5





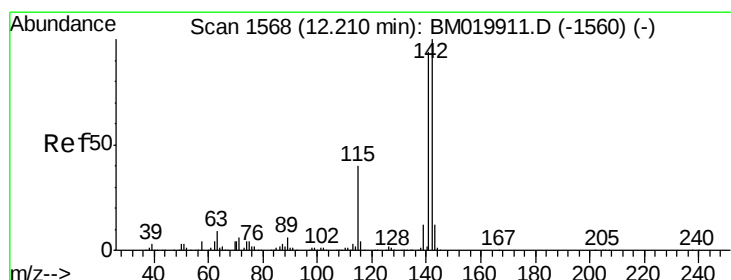
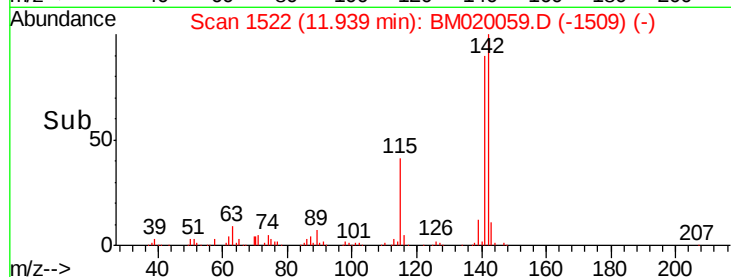
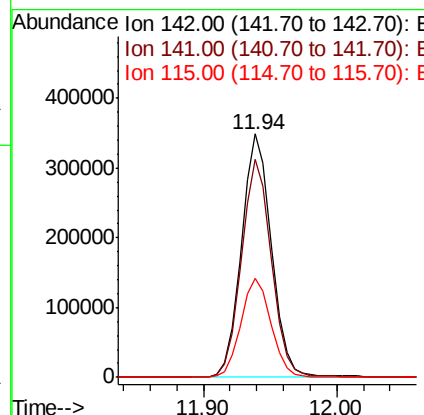
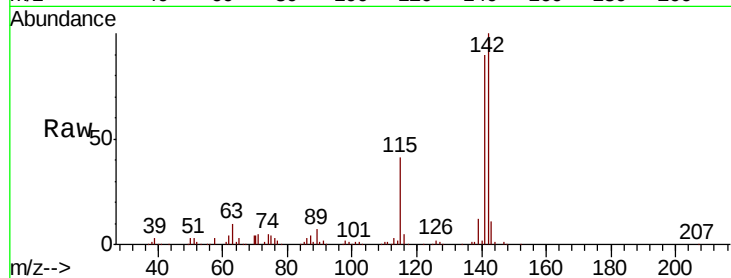
#37
2-Methylnaphthalene
Concen: 39.246 ng
RT: 11.94 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.3	108.5
115	40.8	30.5	45.7

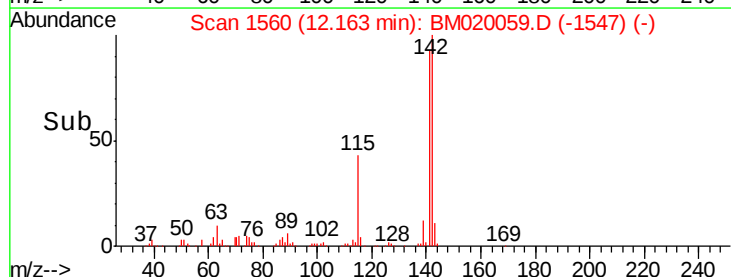
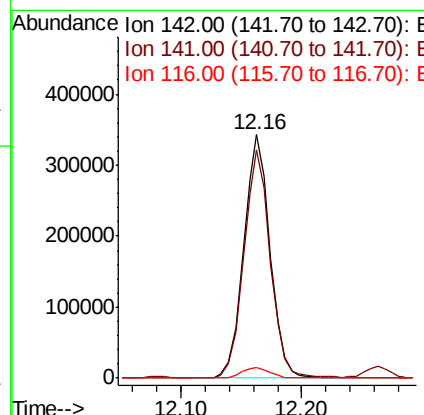
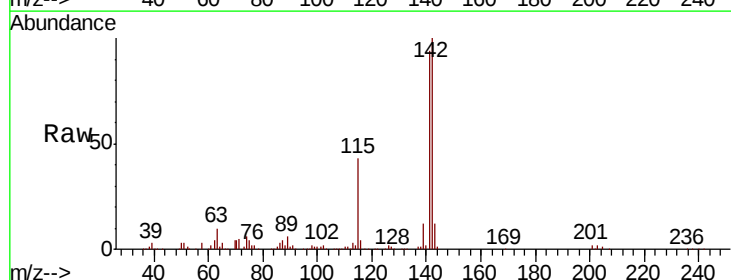
Manual Integrations
APPROVED

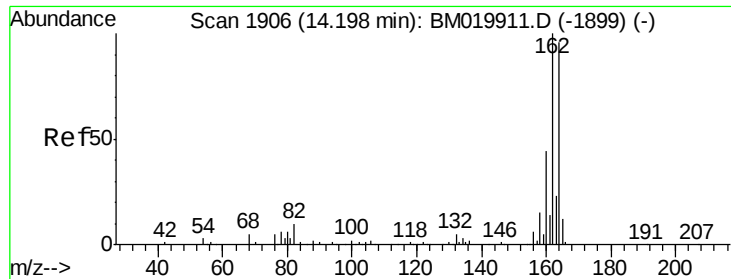
Sohil
4/24/2019 11:49:53 AM



#38
1-Methylnaphthalene
Concen: 37.962 ng
RT: 12.16 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.7	113.5
116	4.5	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.16 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Instrument :

BNA_M

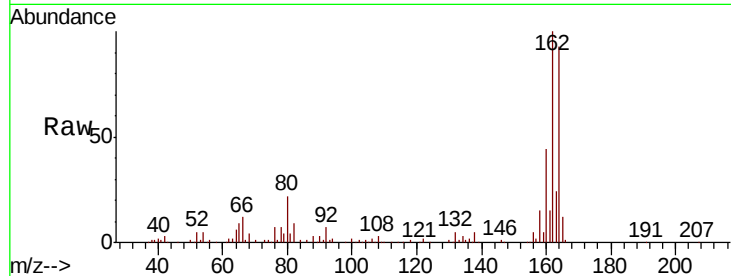
ClientSampleId :

PB119063BS

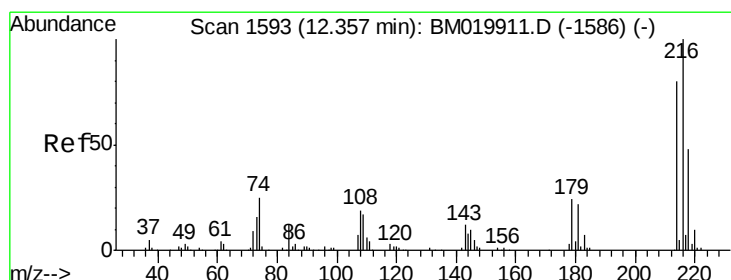
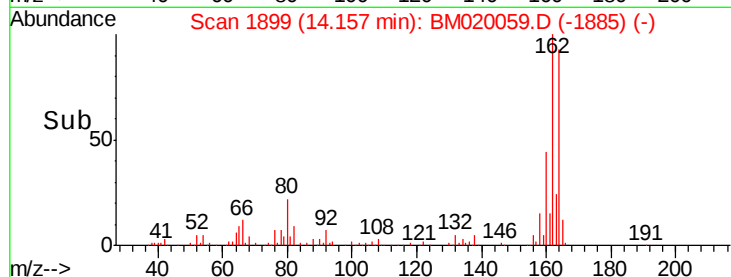
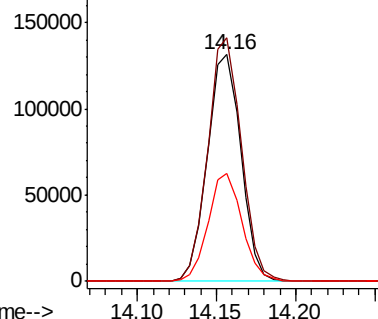
Tot Ion:	164	Resp:	193261
Ion Ratio	Lower	Upper	
164	100		
162	107.6	83.0	124.4
160	47.8	36.6	55.0

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.881 ng

RT: 12.32 min Scan# 1586

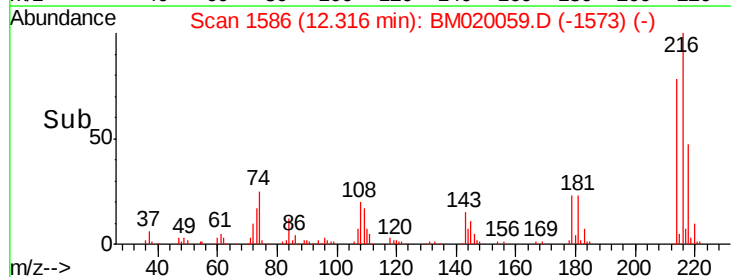
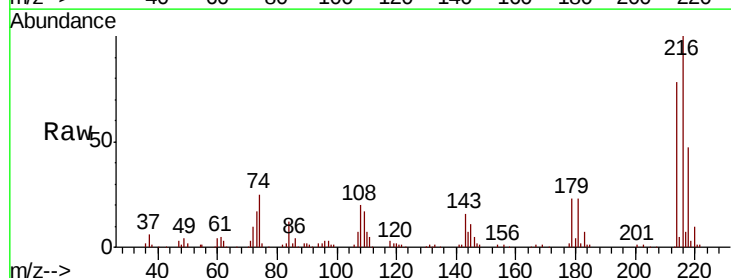
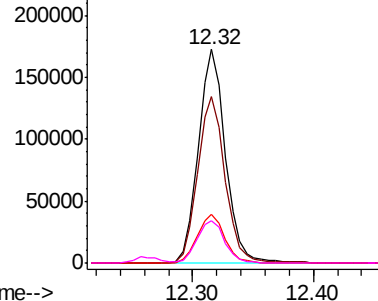
Delta R.T. -0.02 min

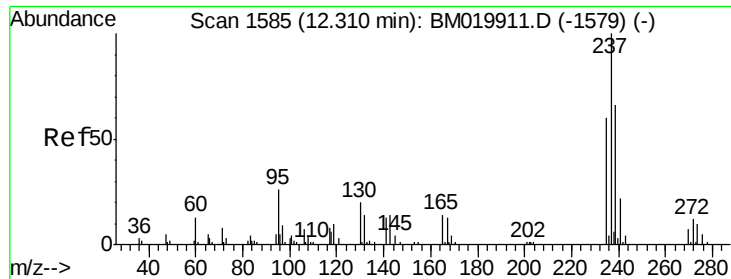
Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Tgt Ion:	216	Resp:	267578
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.1	94.7
179	23.0	19.0	28.6
108	20.5	16.3	24.5

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





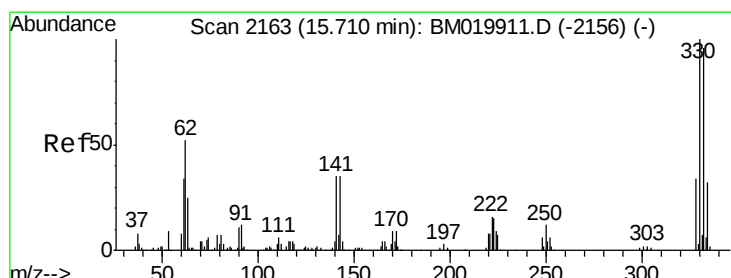
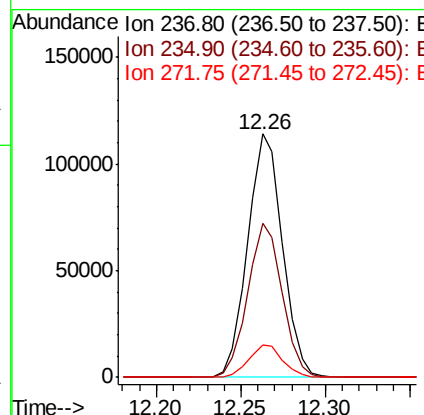
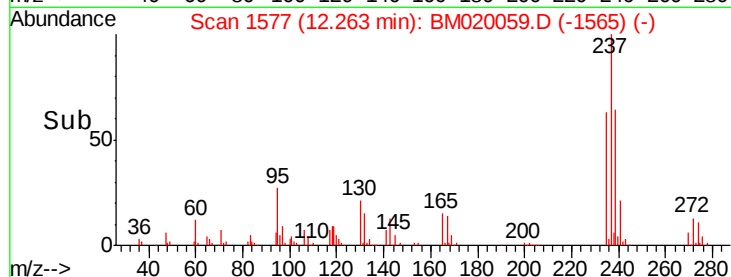
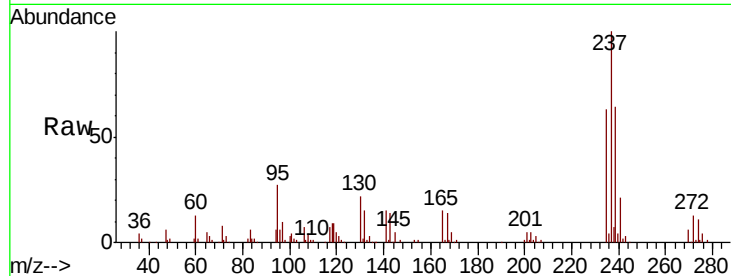
#41
Hexachlorocyclopentadiene
Concen: 77.972 ng
RT: 12.26 min Scan# 1577
Delta R.T. -0.03 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	163851		
235	63.0	40.4	80.4	
272	13.2	0.0	32.3	

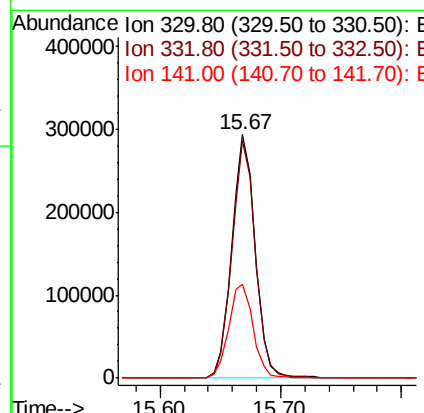
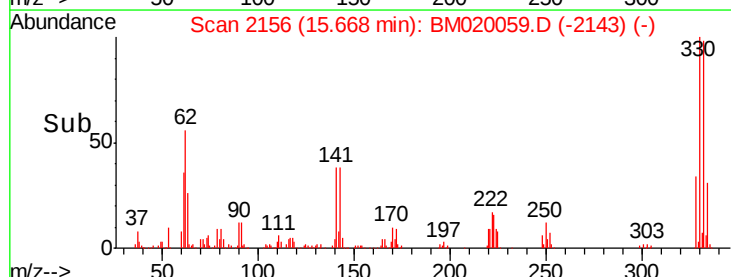
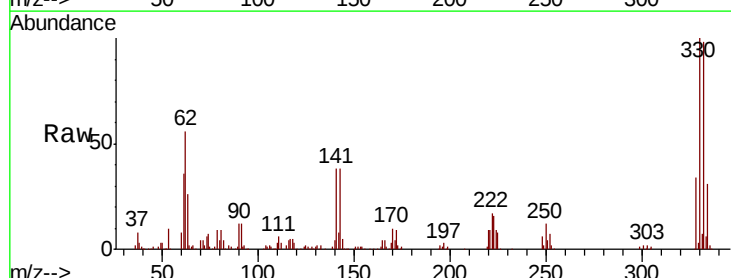
Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM



#42
2,4,6-Tribromophenol
Concen: 127.549 ng
RT: 15.67 min Scan# 2156
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	396802		
332	97.3	77.4	116.2	
141	40.2	29.0	43.4	





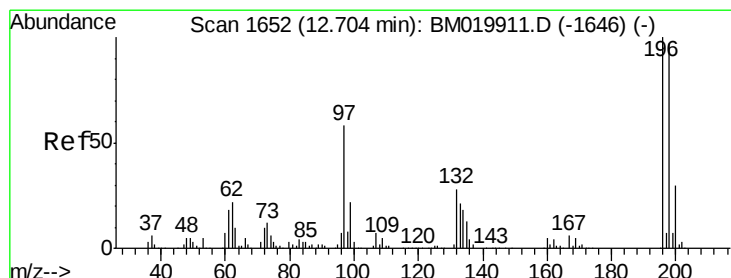
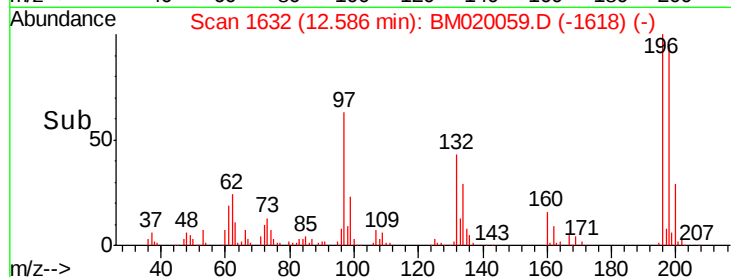
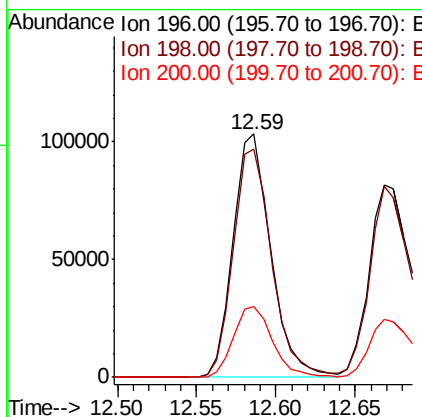
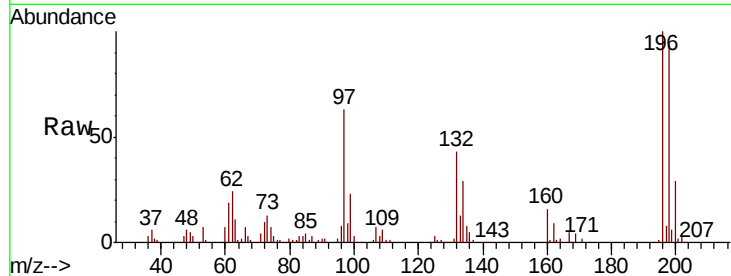
#43
 2,4,6-Trichlorophenol
 Concen: 42.344 ng
 RT: 12.59 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

Instrument :
 BNA_M
 ClientSampled :
 PB119063BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	171157		
198	93.9	76.8	115.2	
200	29.3	24.6	37.0	

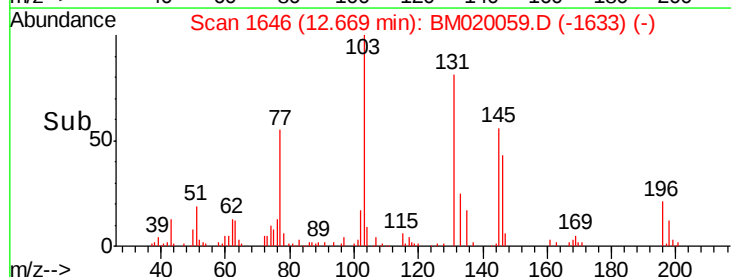
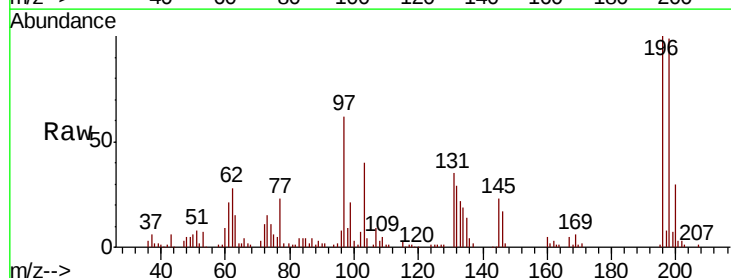
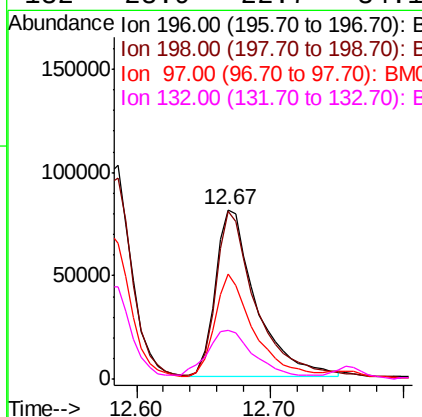
Manual Integrations
 APPROVED

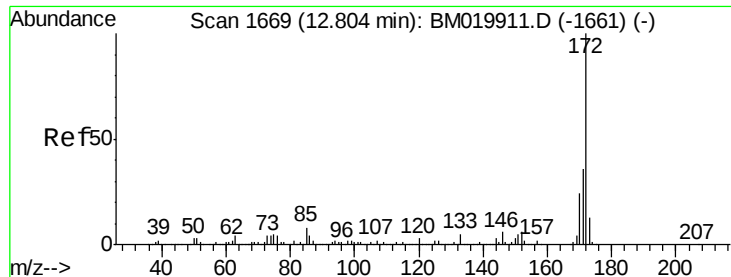
Sohil
 4/24/2019 11:49:53 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.709 ng
 RT: 12.67 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171261		
198	98.9	77.8	116.8	
97	61.8	46.2	69.2	
132	28.9	22.7	34.1	





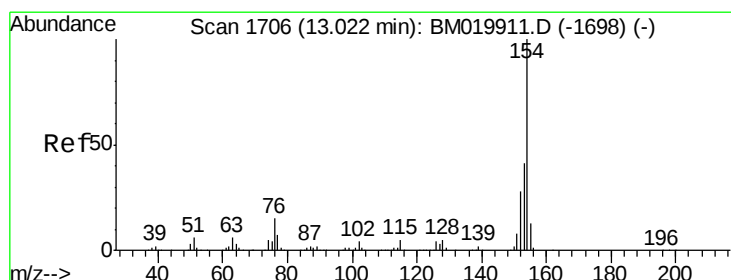
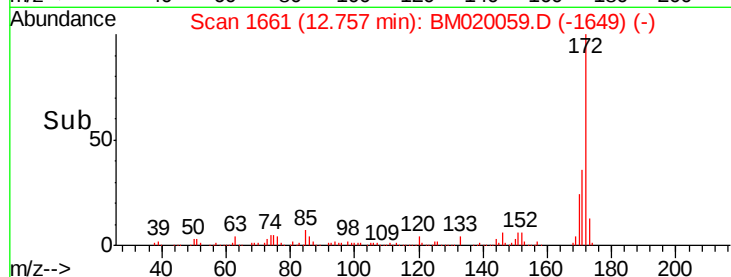
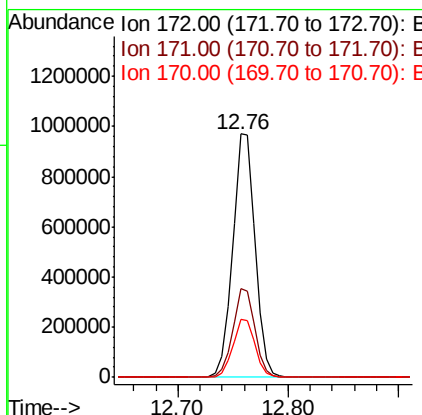
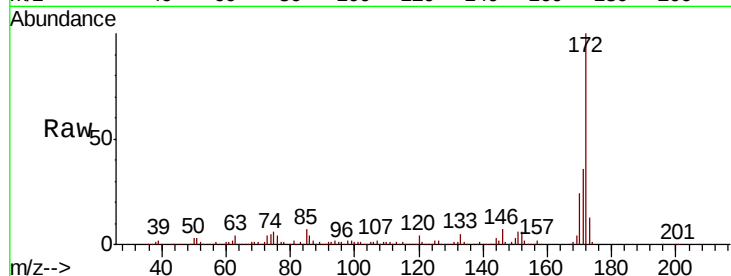
#45
2-Fluorobiphenyl
Concen: 89.149 ng
RT: 12.76 min Scan# 1661
Delta R.T. -0.03 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	23.7	19.0	28.4

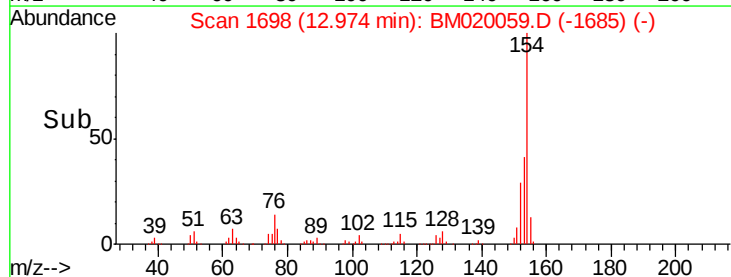
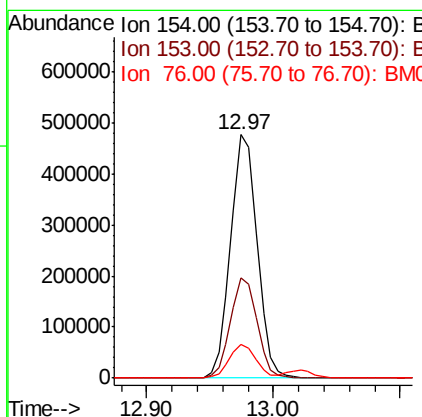
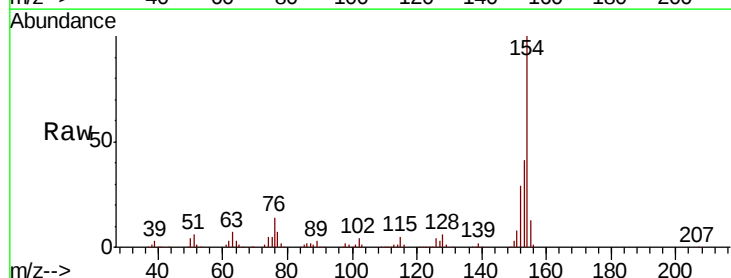
Manual Integrations
APPROVED

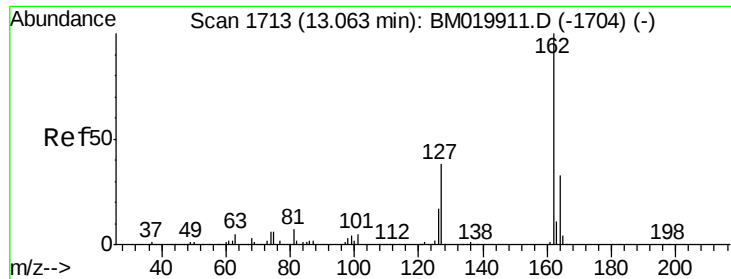
Sohil
4/24/2019 11:49:53 AM



#46
1,1'-Biphenyl
Concen: 41.346 ng
RT: 12.97 min Scan# 1698
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.0	61.0
76	14.0	0.0	34.8





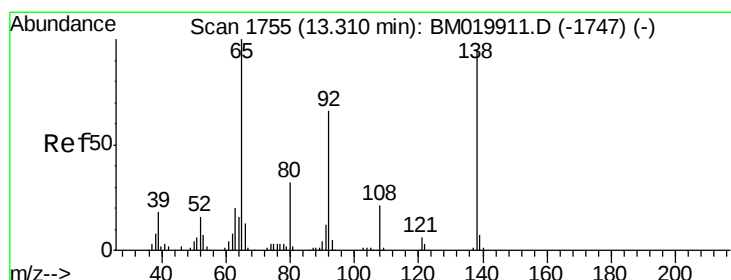
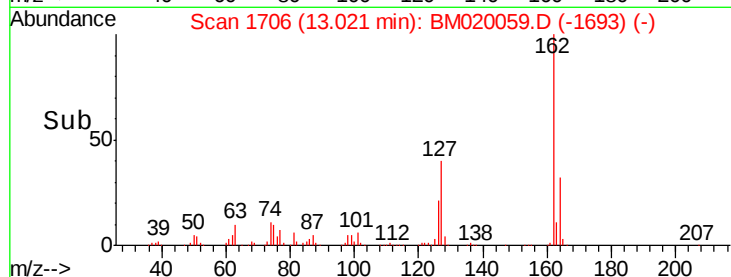
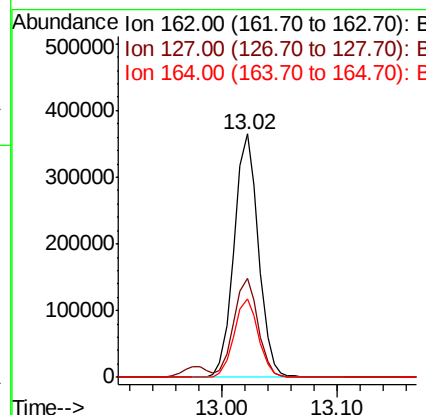
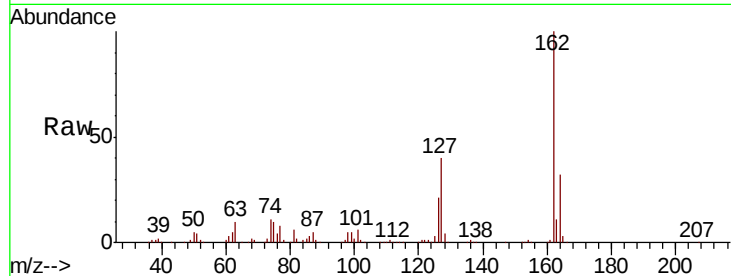
#47
2-Chloronaphthalene
Concen: 41.783 ng
RT: 13.02 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion:	162	Resp:	533487
Ion Ratio	Lower	Upper	
162	100		
127	40.5	32.3	48.5
164	32.1	26.3	39.5

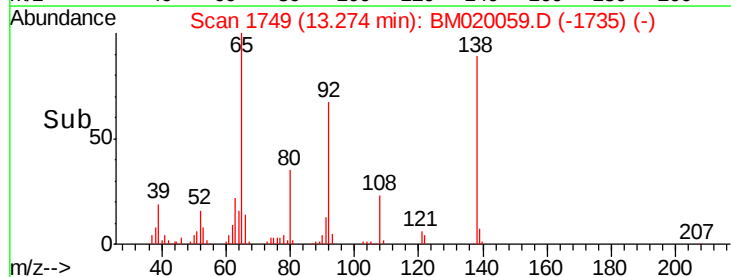
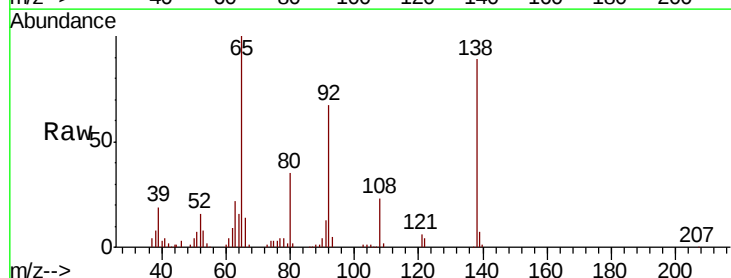
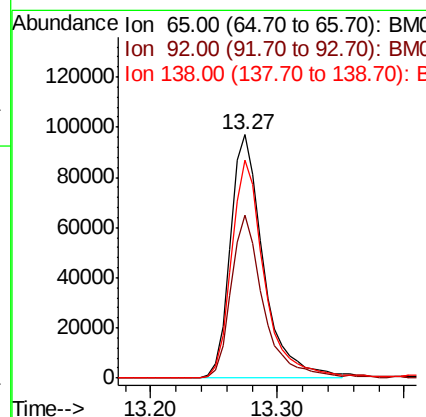
Manual Integrations
APPROVED

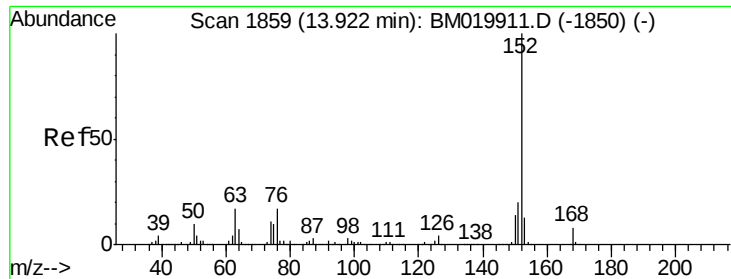
Sohil
4/24/2019 11:49:53 AM



#48
2-Nitroaniline
Concen: 37.958 ng
RT: 13.27 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion:	65	Resp:	174690
Ion Ratio	Lower	Upper	
65	100		
92	66.9	52.9	79.3
138	89.5	75.8	113.6





#49

Acenaphthylene

Concen: 38.129 ng

RT: 13.87 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Instrument :

BNA_M

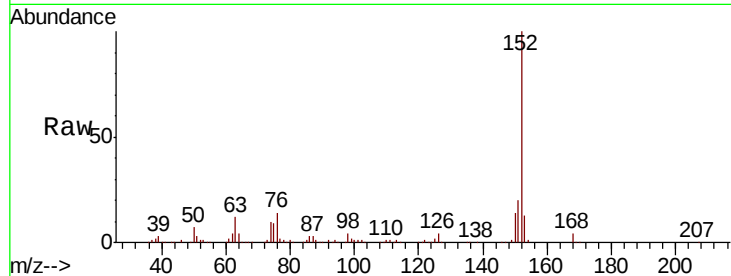
ClientSampleId :

PB119063BS

Tot Ion:	152	Resp:	847042
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.2	24.2
153	13.4	10.6	16.0

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM

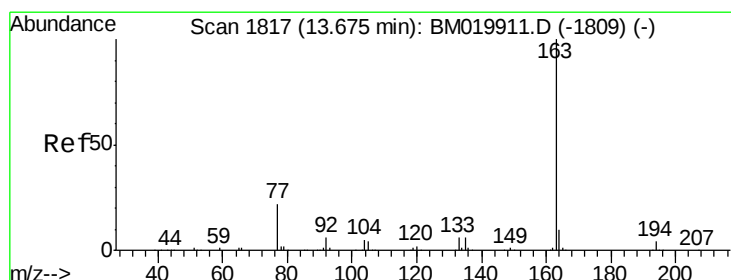
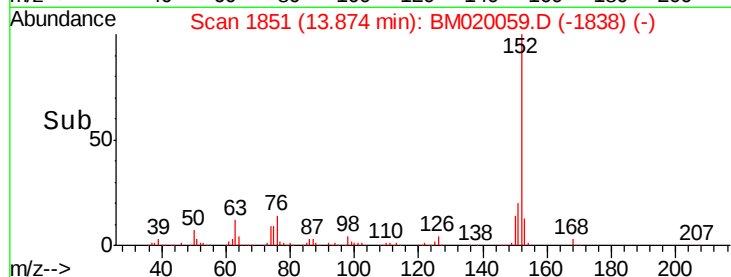
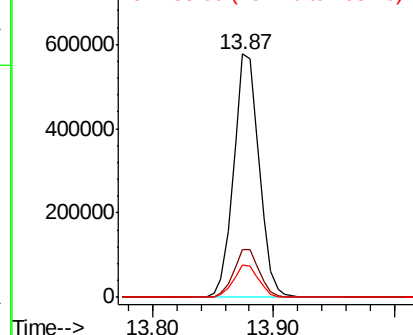


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.303 ng

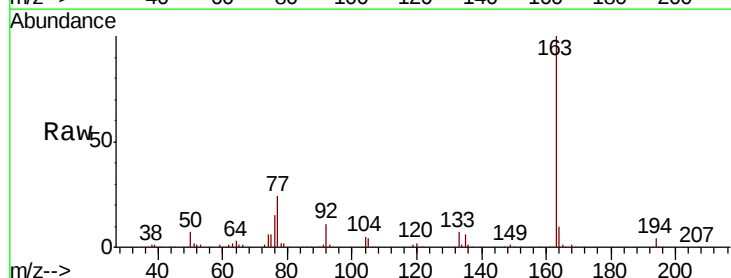
RT: 13.63 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Tgt Ion:	163	Resp:	669985
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	10.1	7.9	11.9

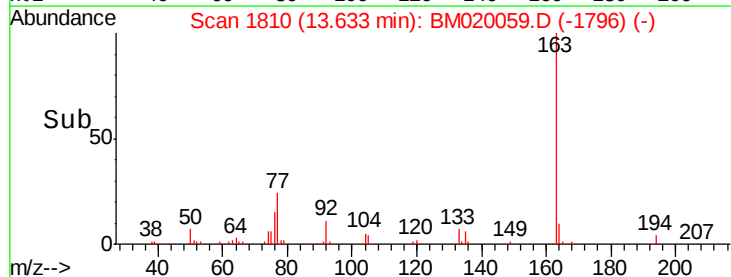
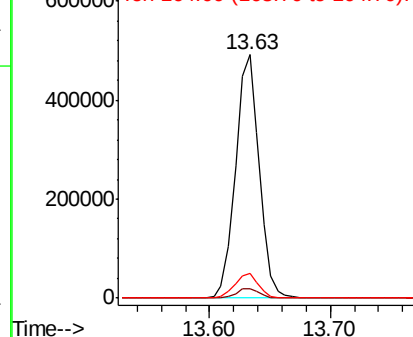


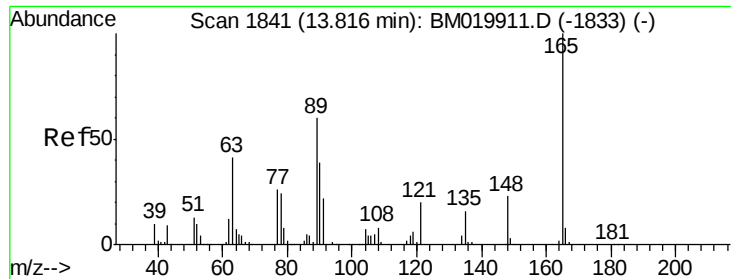
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.985 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Instrument :

BNA_M

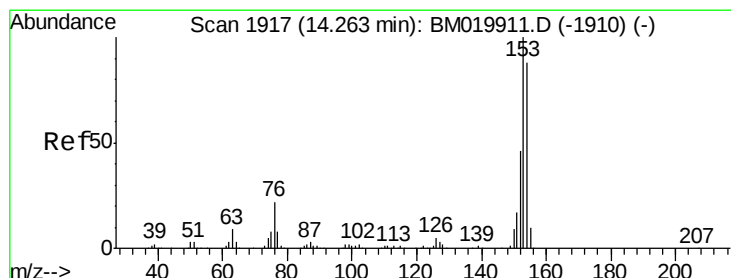
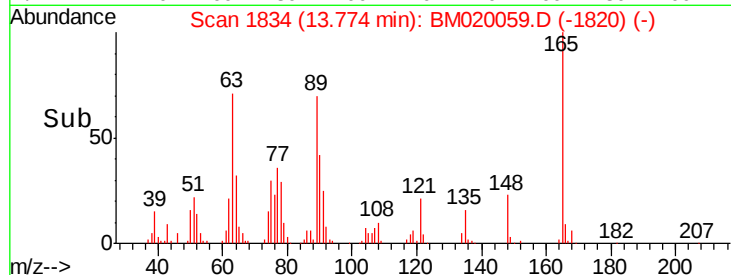
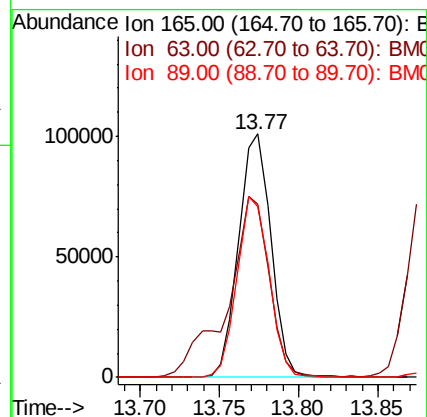
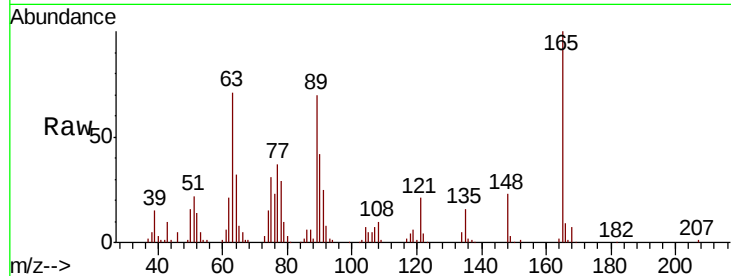
ClientSampled :

PB119063BS

Tot Ion:	165	Resp:	143187
Ion Ratio	Lower	Upper	
165	100		
63	71.0	48.5	72.7
89	70.3	48.2	72.4

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM



#52

Acenaphthene

Concen: 39.765 ng

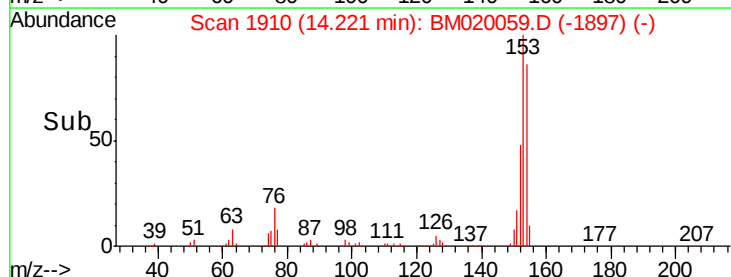
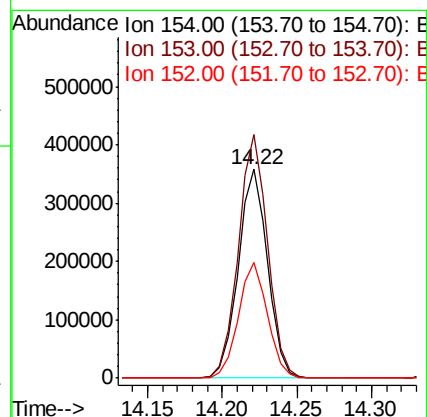
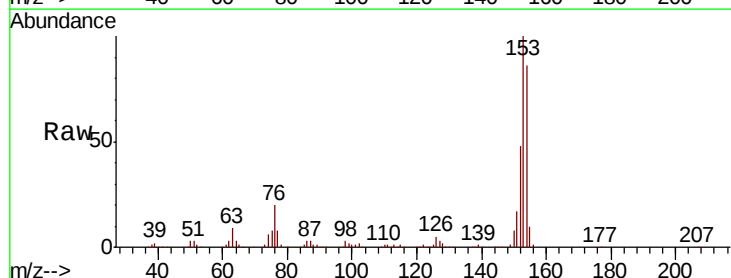
RT: 14.22 min Scan# 1910

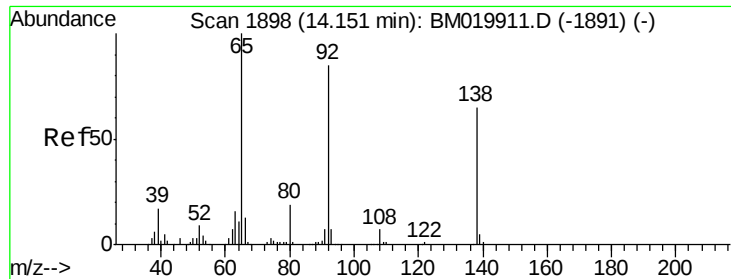
Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Tgt Ion:	154	Resp:	489802
Ion Ratio	Lower	Upper	
154	100		
153	116.8	91.0	136.4
152	55.5	42.2	63.2





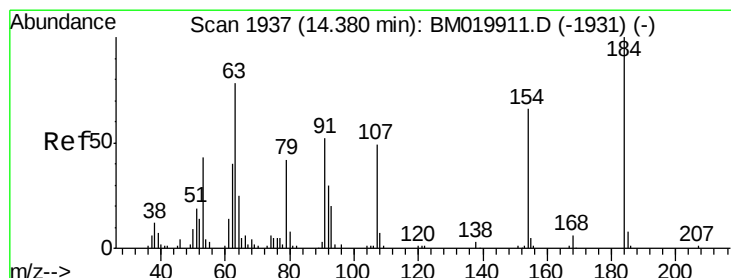
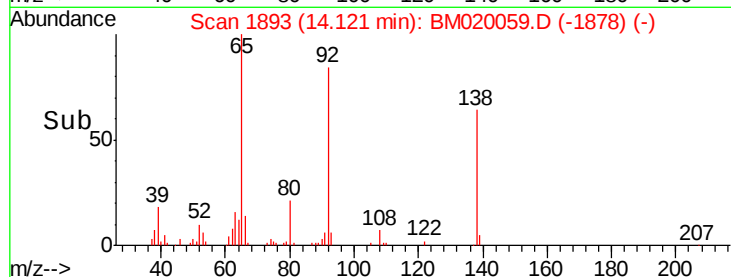
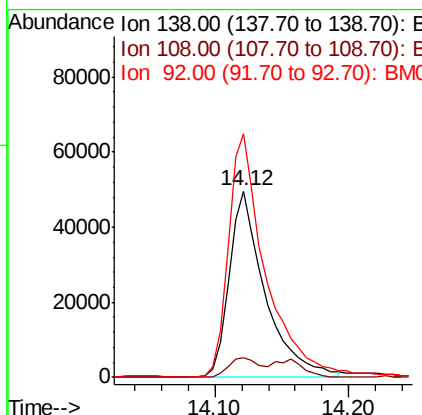
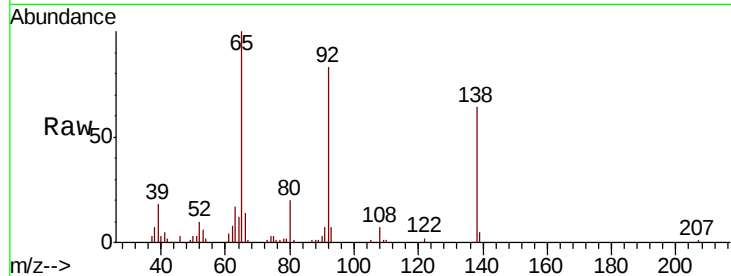
#53
3-Nitroaniline
Concen: 24.711 ng
RT: 14.12 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.9	13.3
92	130.5	103.8	155.8

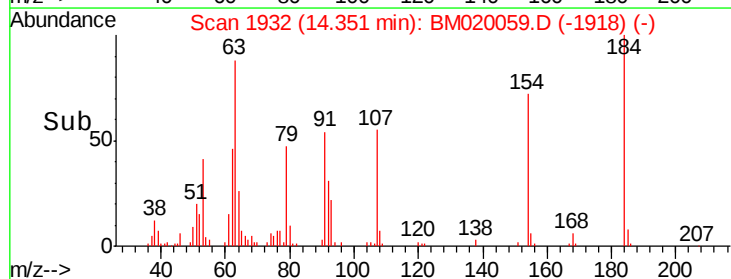
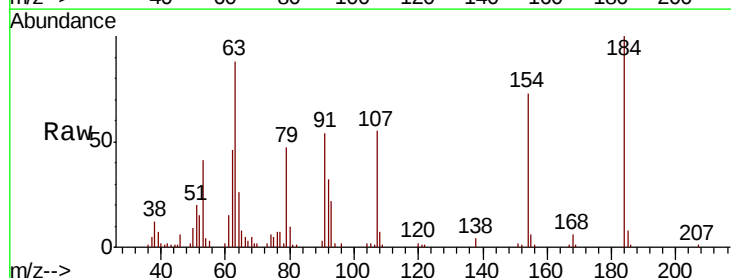
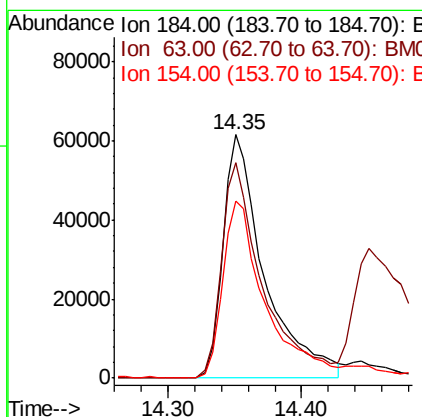
Manual Integrations
APPROVED

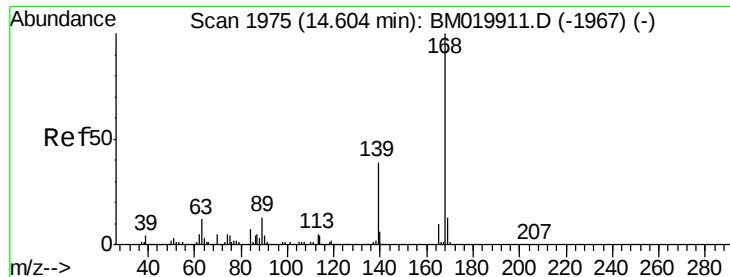
Sohil
4/24/2019 11:49:53 AM



#54
2,4-Dinitrophenol
Concen: 60.977 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	88.3	62.3	93.5
154	72.8	53.0	79.6





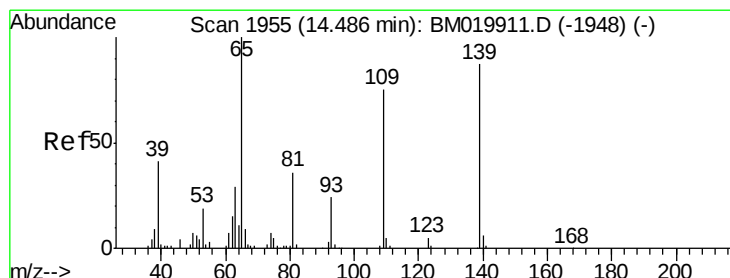
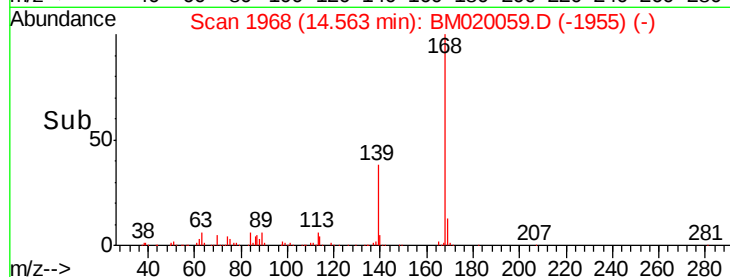
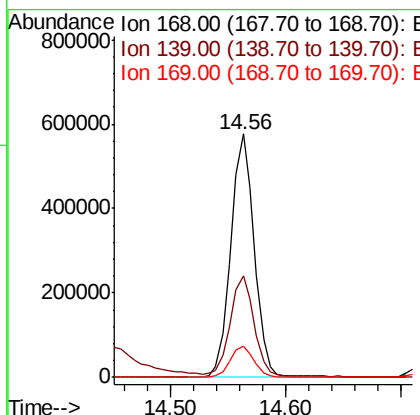
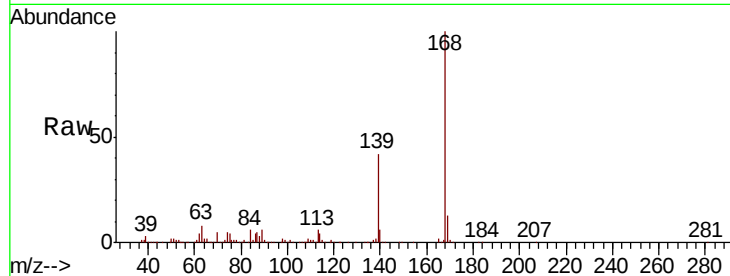
#55
Dibenzofuran
Concen: 39.931 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	31.5	47.3
169	13.0	10.6	16.0

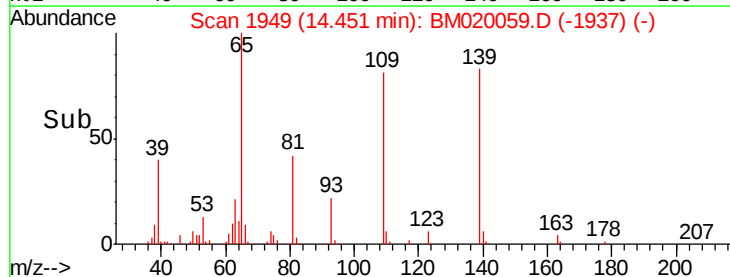
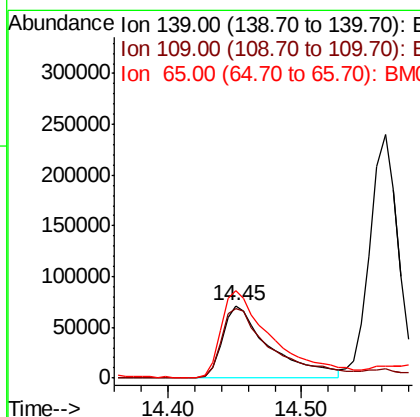
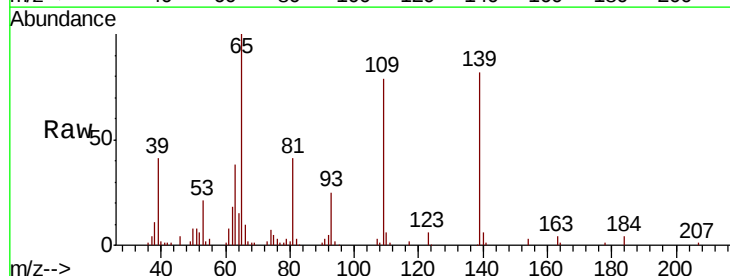
Manual Integrations
APPROVED

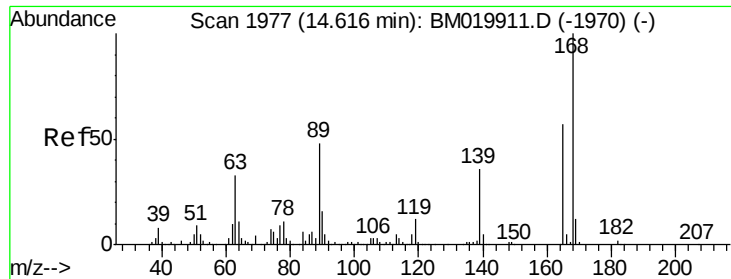
Sohil
4/24/2019 11:49:53 AM



#56
4-Nitrophenol
Concen: 61.215 ng
RT: 14.45 min Scan# 1949
Delta R.T. -0.03 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.8	65.3	105.3
65	122.1	94.9	134.9





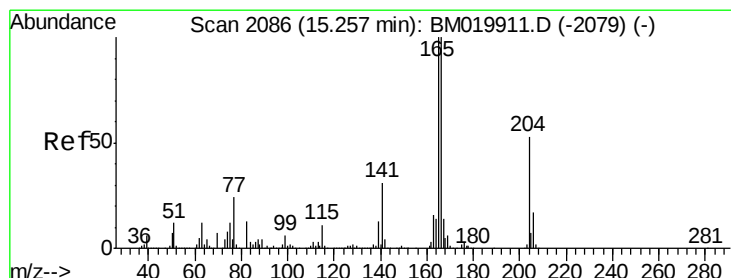
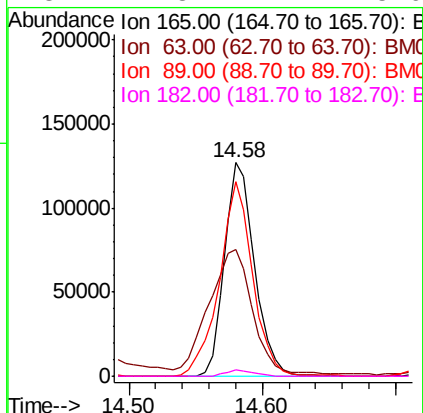
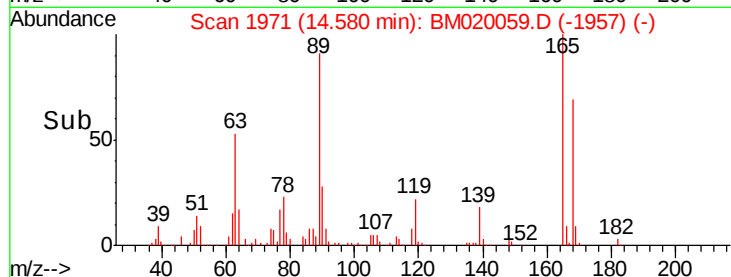
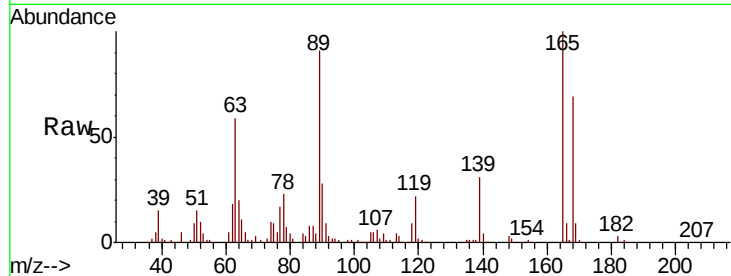
#57
2,4-Dinitrotoluene
Concen: 37.078 ng
RT: 14.58 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	200908		
63	59.5	46.0	69.0	
89	90.8	67.5	101.3	
182	2.8	2.4	3.6	

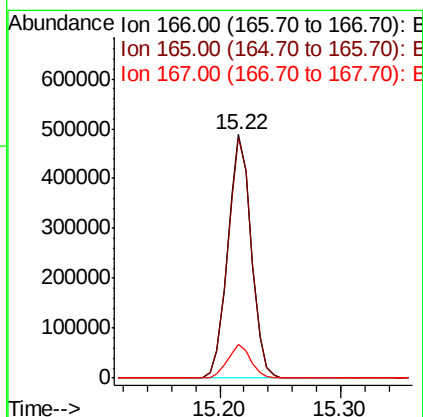
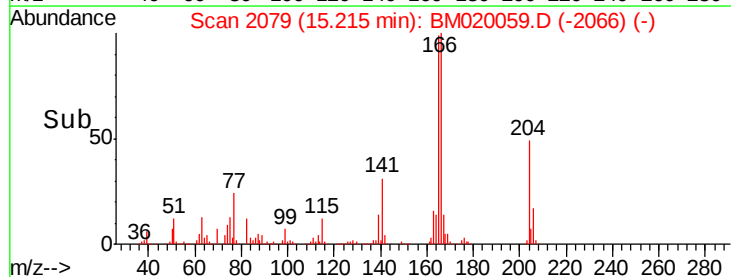
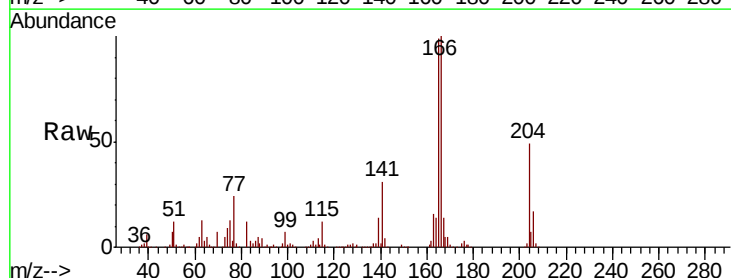
Manual Integrations
APPROVED

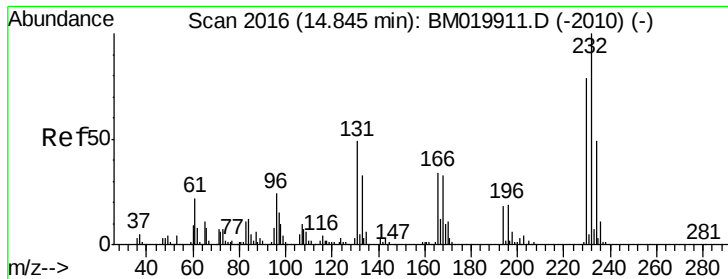
Sohil
4/24/2019 11:49:53 AM



#58
Fluorene
Concen: 38.390 ng
RT: 15.22 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	655226		
165	98.9	80.1	120.1	
167	13.7	11.0	16.4	





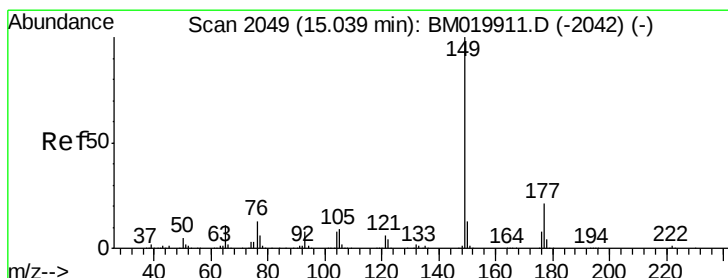
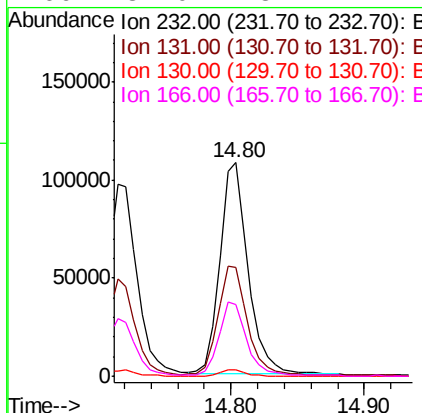
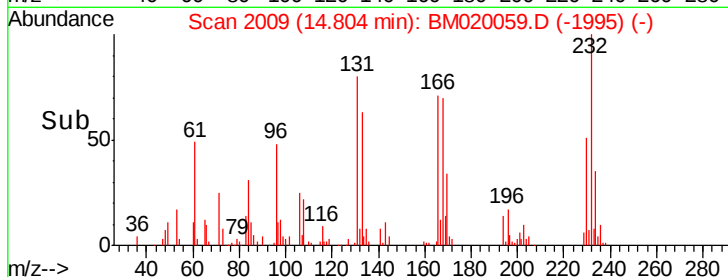
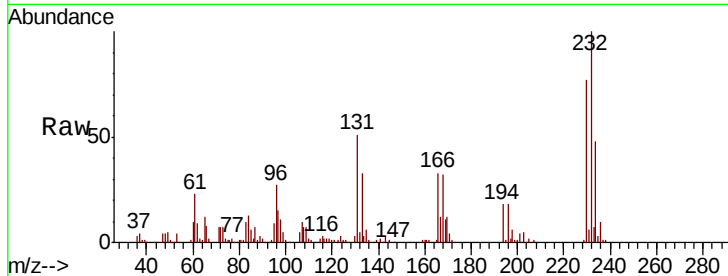
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.812 ng
RT: 14.80 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	160499		
131	53.9	42.1	63.1	
130	2.9	2.2	3.4	
166	34.0	28.1	42.1	

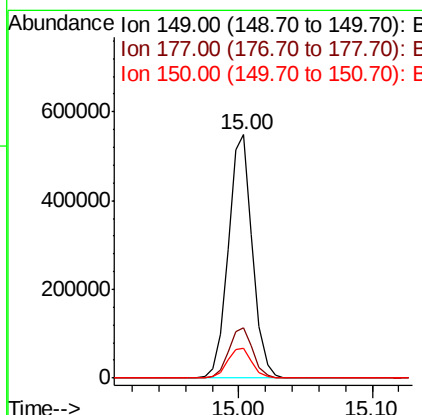
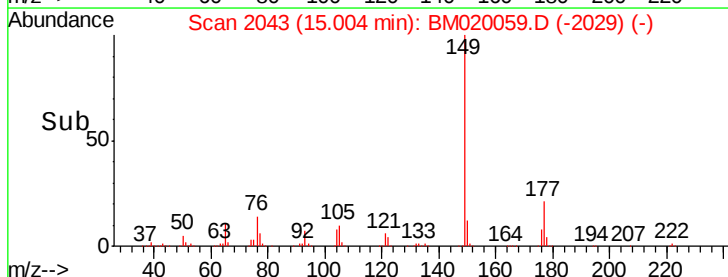
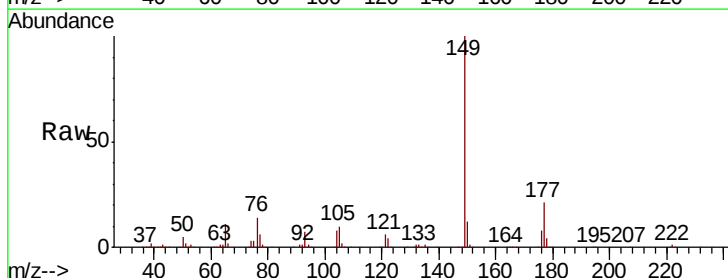
Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM



#60
Diethylphthalate
Concen: 38.968 ng
RT: 15.00 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	690880		
177	20.5	16.6	25.0	
150	12.2	10.0	15.0	





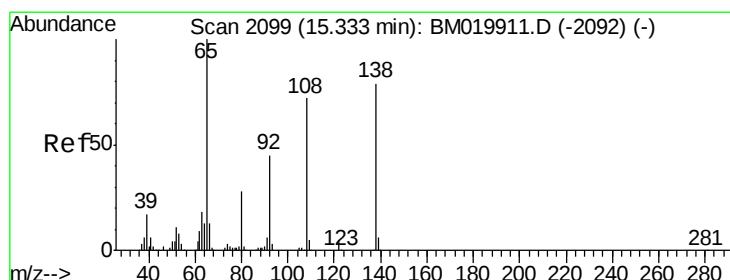
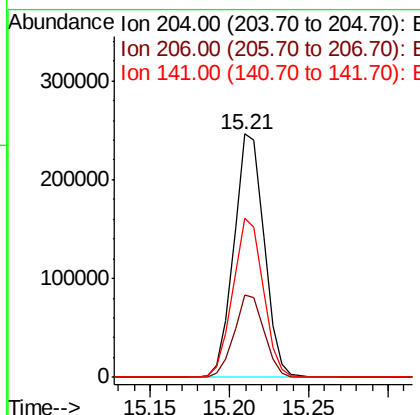
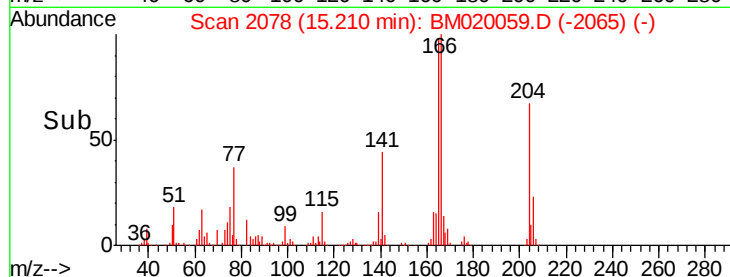
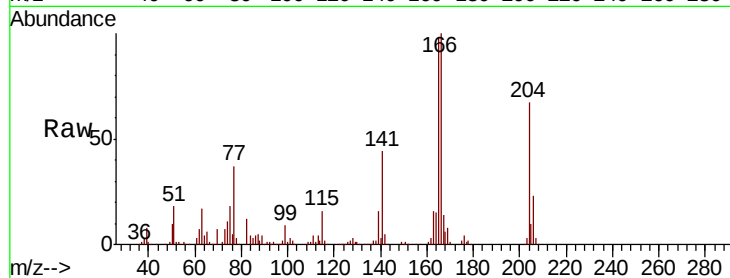
#61
4-Chlorophenyl-phenylether
Concen: 39.667 ng
RT: 15.21 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.8
141	65.4	47.0	70.4

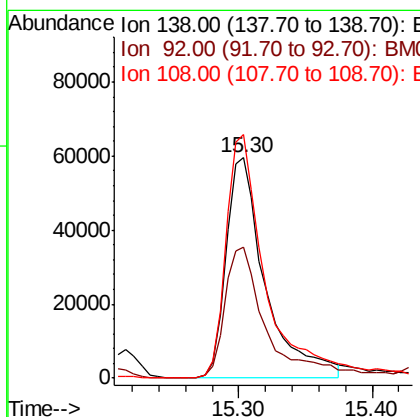
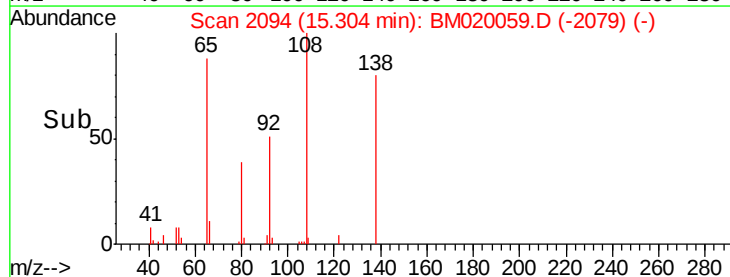
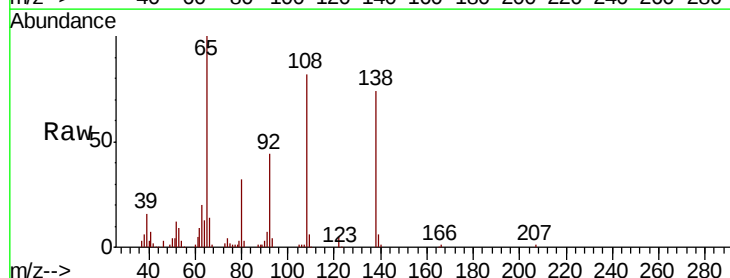
Manual Integrations
APPROVED

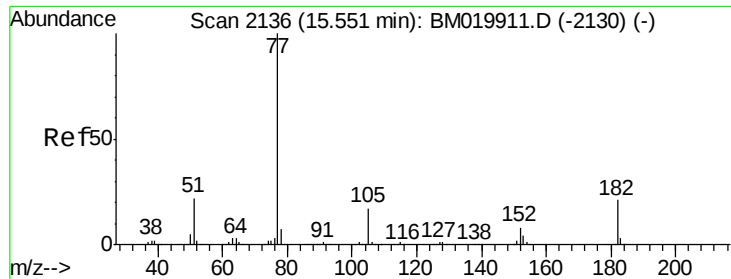
Sohil
4/24/2019 11:49:53 AM



#62
4-Nitroaniline
Concen: 33.088 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.6	36.8	76.8
108	110.5	71.5	111.5





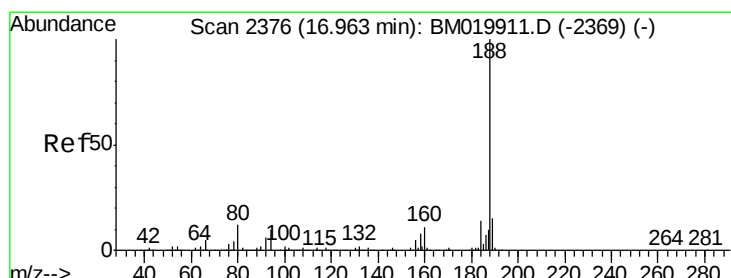
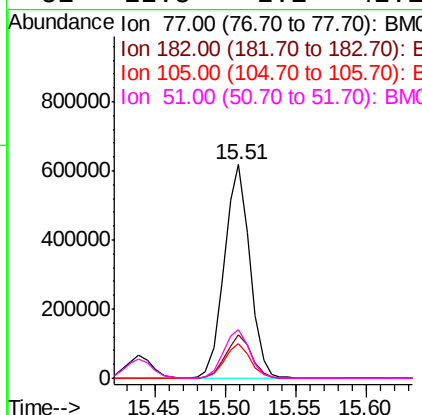
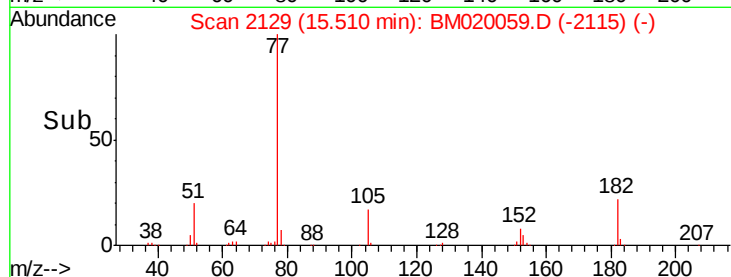
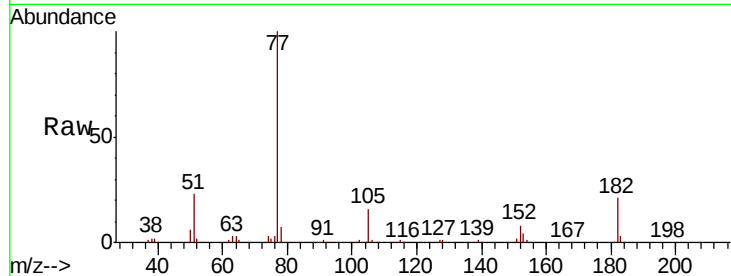
#63
Azobenzene
Concen: 40.669 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		770637		
182	20.7	1.0	41.0		
105	16.1	0.0	37.1		
51	22.8	2.1	42.1		

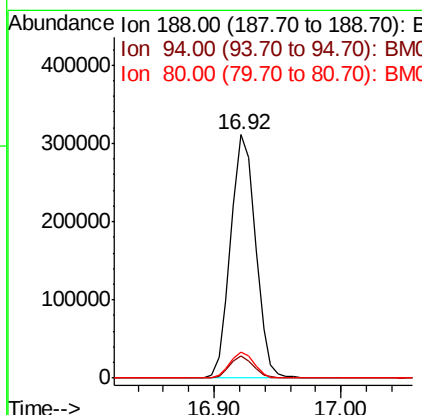
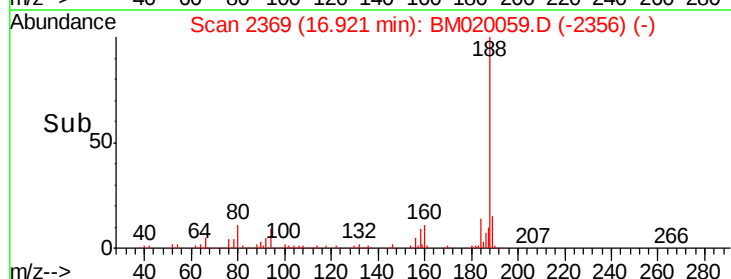
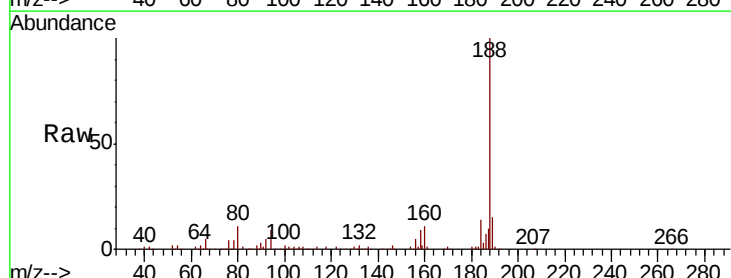
Manual Integrations
APPROVED

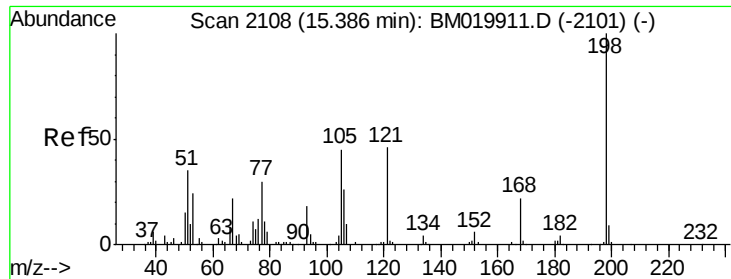
Sohil
4/24/2019 11:49:53 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		422924		
94	9.0	7.6	11.4		
80	10.9	9.4	14.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 31.533 ng

RT: 15.36 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Instrument :

BNA_M

ClientSampleId :

PB119063BS

Tot Ion:198 Resp: 85089

Ion Ratio Lower Upper

198 100

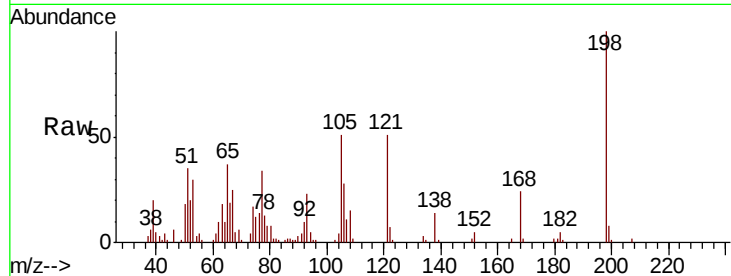
51 34.9 17.9 57.9

105 51.1 26.1 66.1

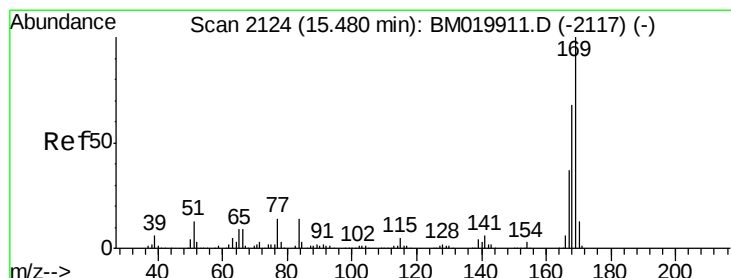
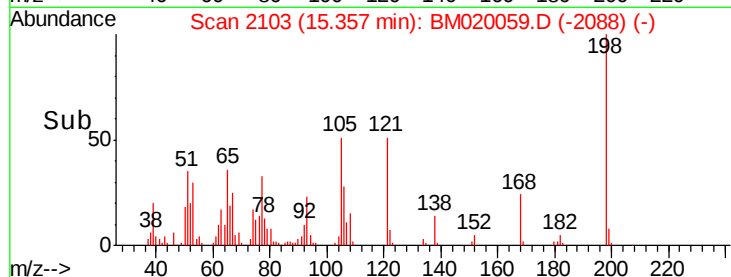
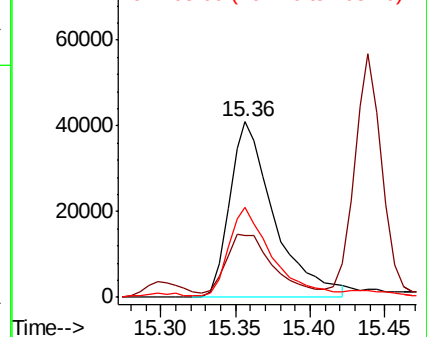
Manual Integrations
APPROVED

Sohil

4/24/2019 11:49:53 AM



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



#66

n-Nitrosodiphenylamine

Concen: 40.157 ng

RT: 15.44 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

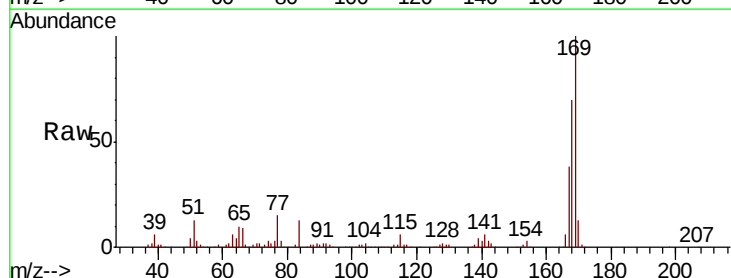
Tgt Ion:169 Resp: 555226

Ion Ratio Lower Upper

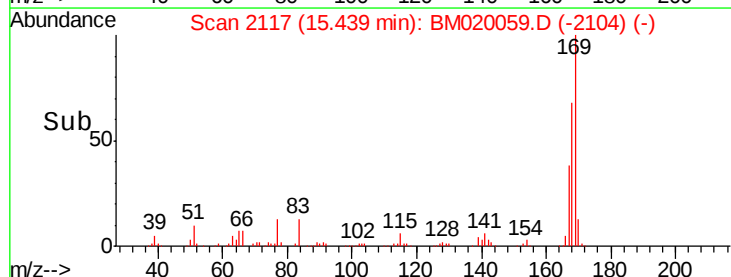
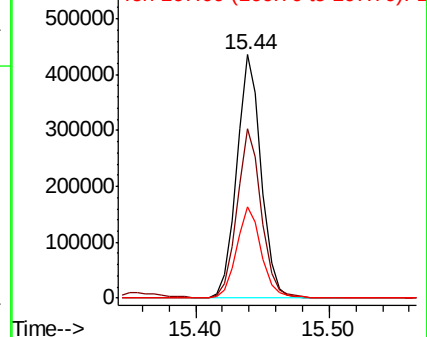
169 100

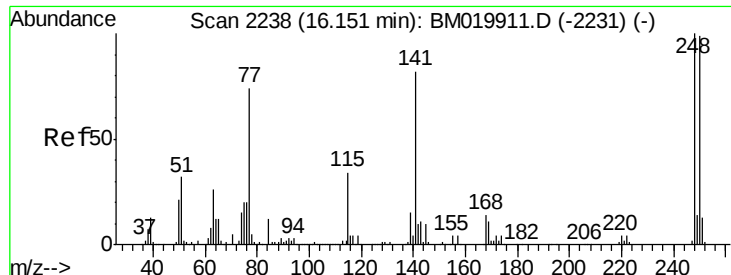
168 69.7 54.7 82.1

167 37.6 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





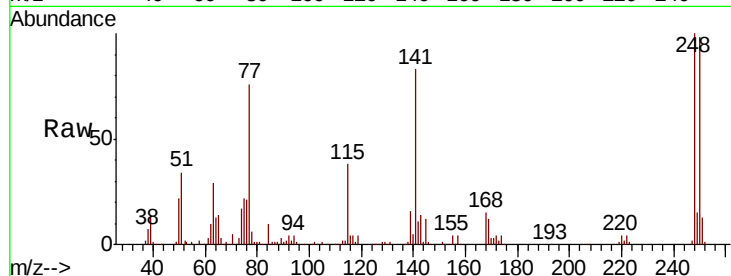
#67
 4-Bromophenyl-phenylether
 Concen: 39.377 ng
 RT: 16.11 min Scan# 2231
 Delta R.T. -0.02 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.9	118.3
141	83.3	65.6	98.4

Manual Integrations
 APPROVED

Sohil
 4/24/2019 11:49:53 AM

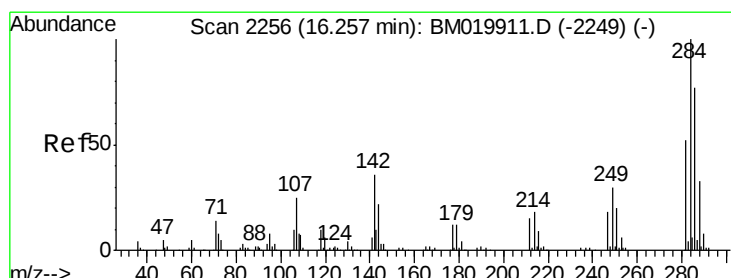
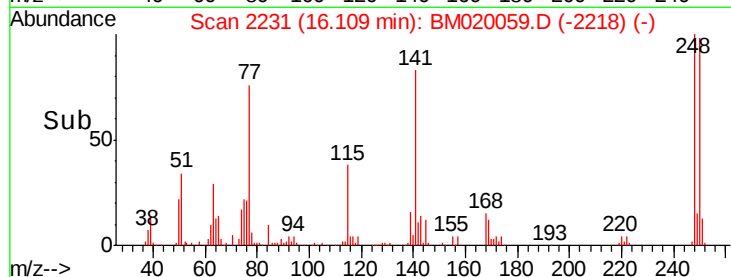
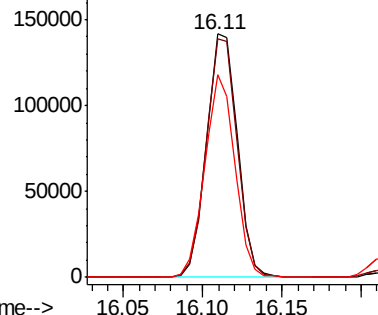


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.003 ng
 RT: 16.22 min Scan# 2249
 Delta R.T. -0.02 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

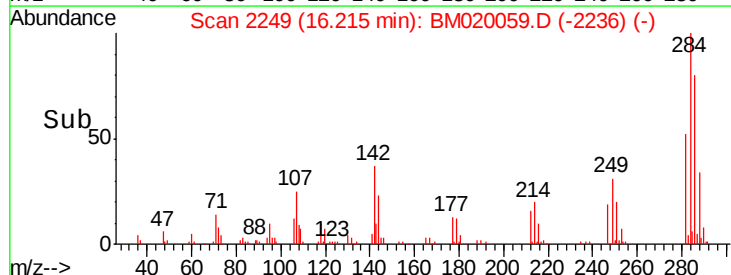
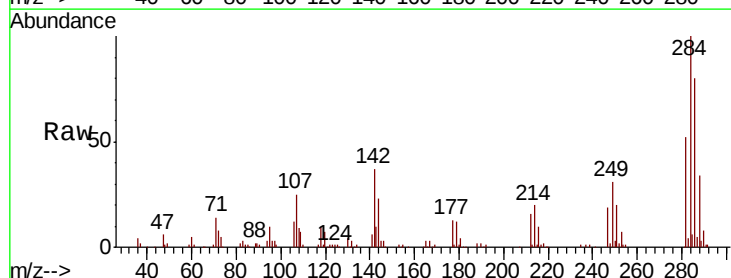
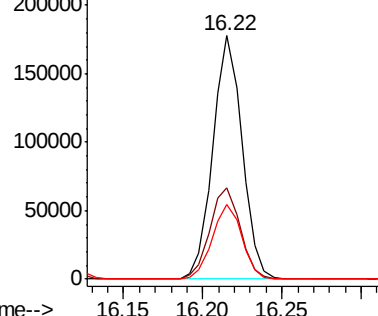
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.3	28.9	43.3
249	30.9	23.8	35.6

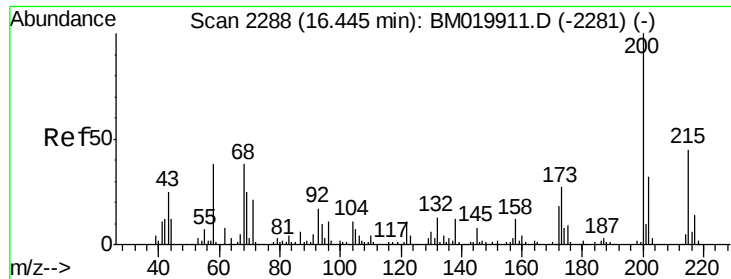
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





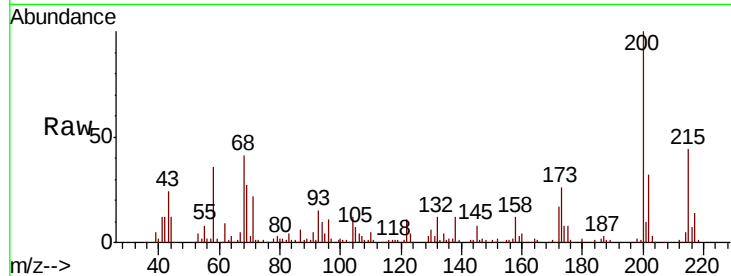
#69
Atrazine
Concen: 39.563 ng
RT: 16.40 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	185698		
173	26.2	7.2	47.2	
215	44.4	25.4	65.4	

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM

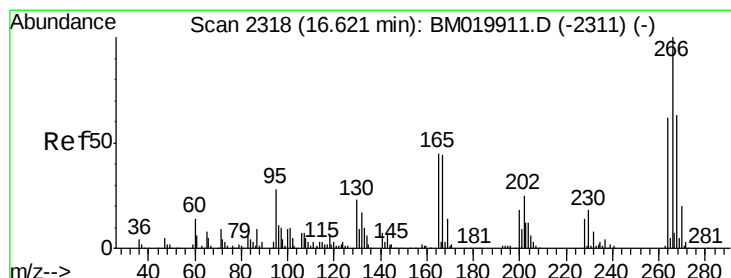
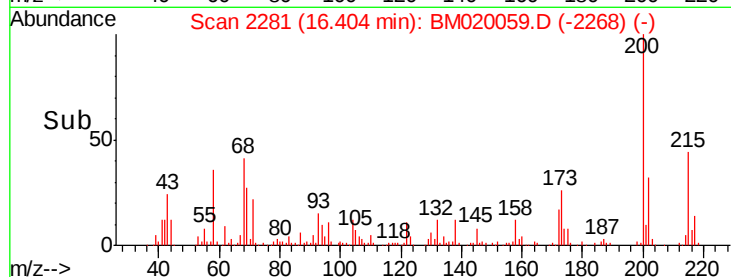
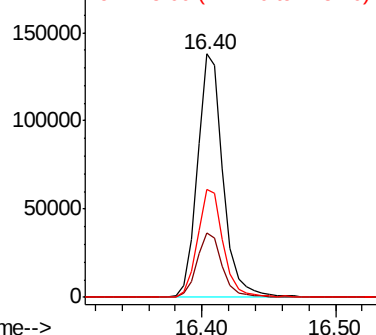


Abundance

Ion 200.00 (199.70 to 200.70): E

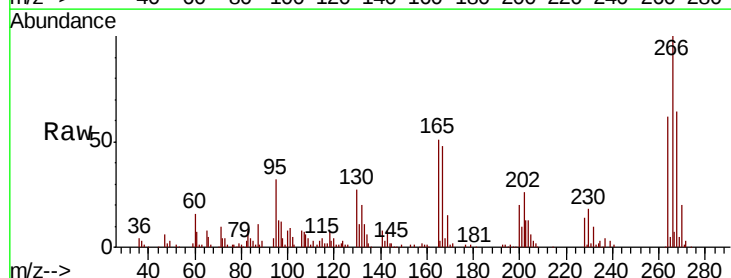
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 73.783 ng
RT: 16.58 min Scan# 2311
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	219949		
268	64.0	50.3	75.5	
264	62.1	49.8	74.8	

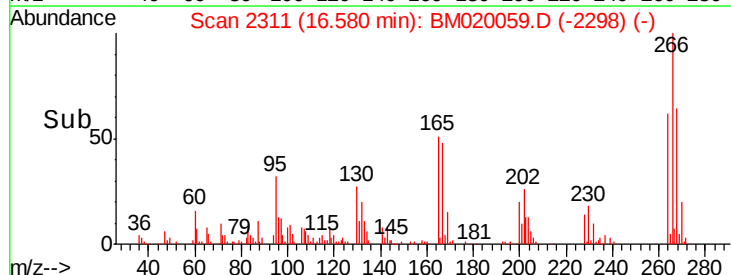
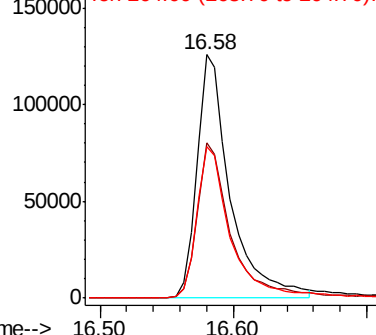


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





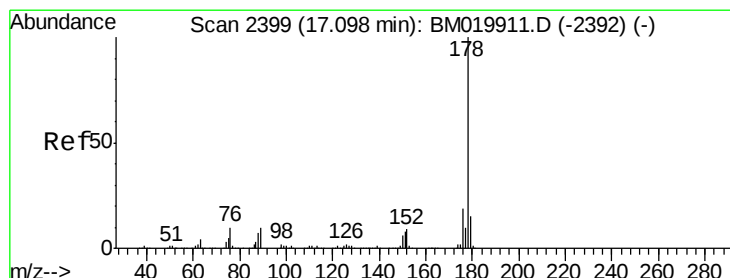
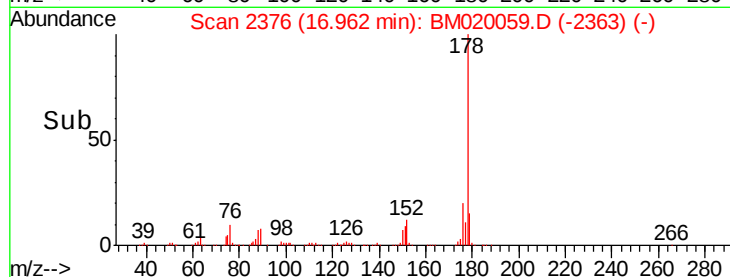
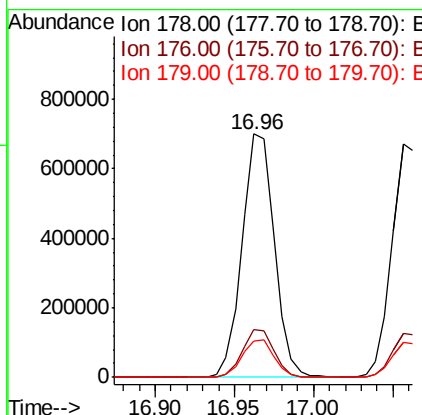
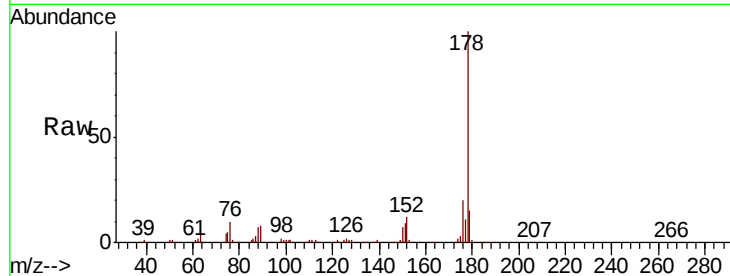
#71
Phenanthrene
Concen: 39.461 ng
RT: 16.96 min Scan# 2376
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	15.1	12.2	18.4

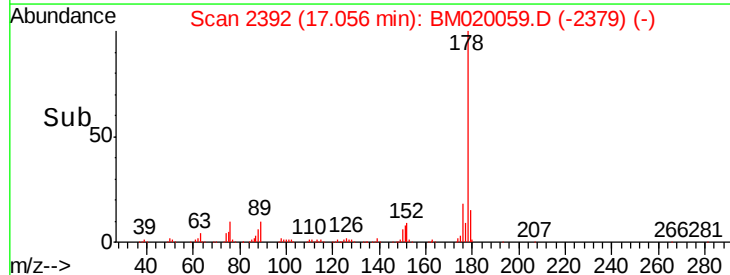
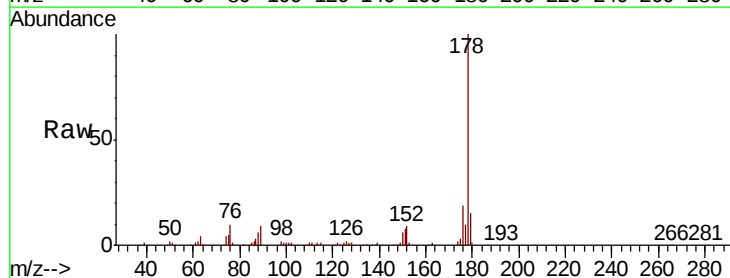
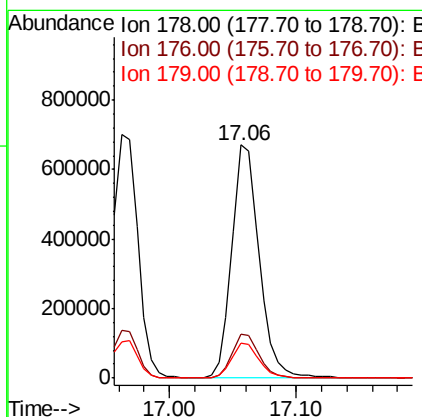
Manual Integrations
APPROVED

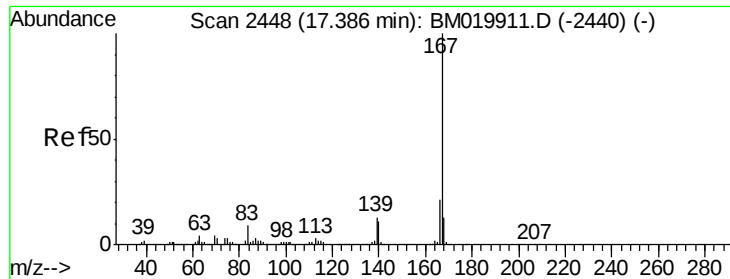
Sohil
4/24/2019 11:49:53 AM



#72
Anthracene
Concen: 39.694 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.2	12.2	18.4





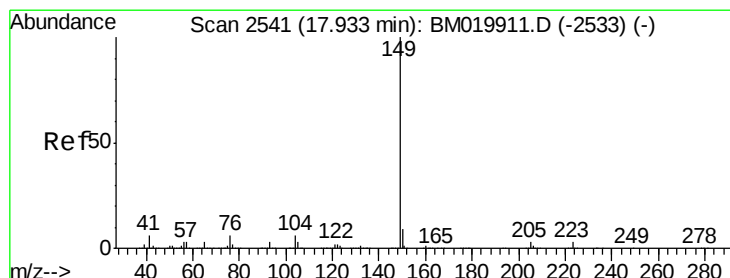
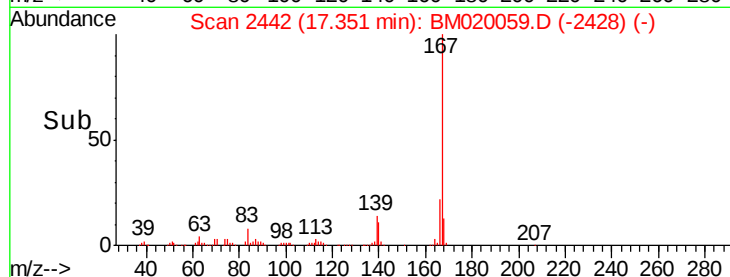
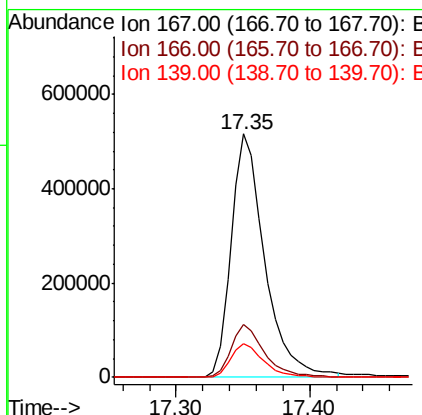
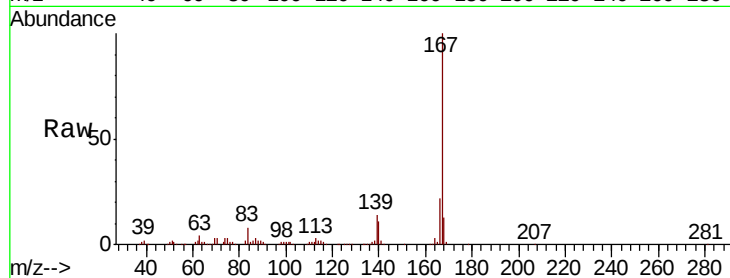
#73
 Carbazole
 Concen: 38.819 ng
 RT: 17.35 min Scan# 2442
 Delta R.T. -0.02 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	13.8	10.7	16.1

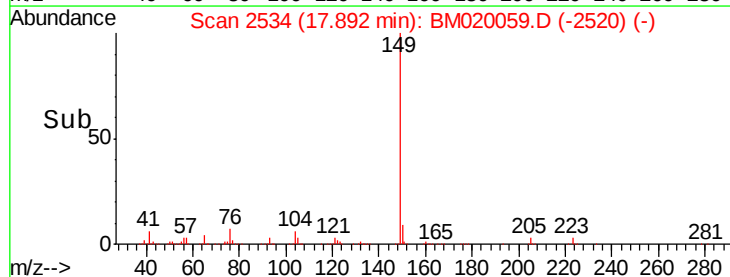
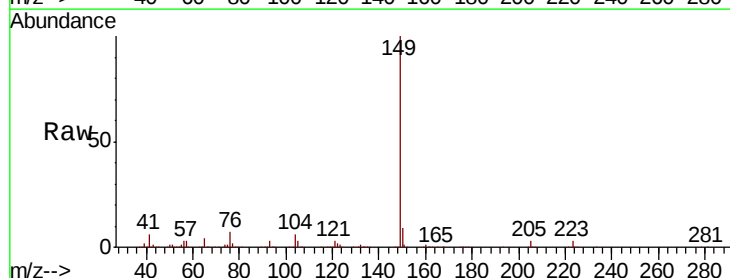
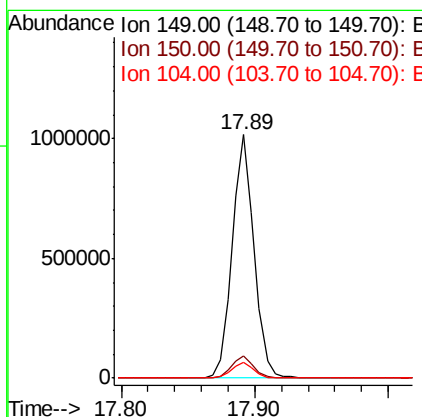
Manual Integrations
 APPROVED

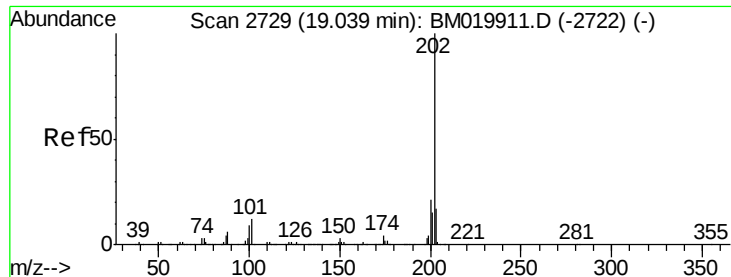
Sohil
 4/24/2019 11:49:53 AM



#74
 Di-n-butylphthalate
 Concen: 37.893 ng
 RT: 17.89 min Scan# 2534
 Delta R.T. -0.02 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	6.2	4.6	7.0





#75

Fluoranthene

Concen: 40.605 ng

RT: 19.00 min Scan# 2722

Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Instrument :

BNA_M

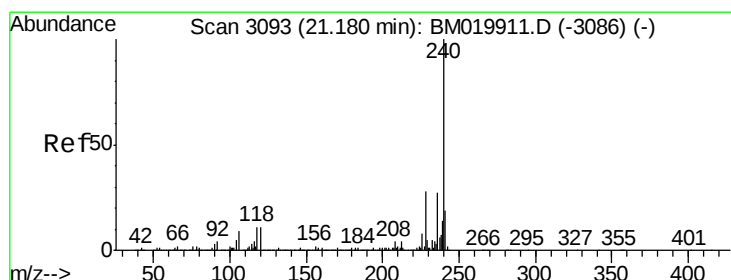
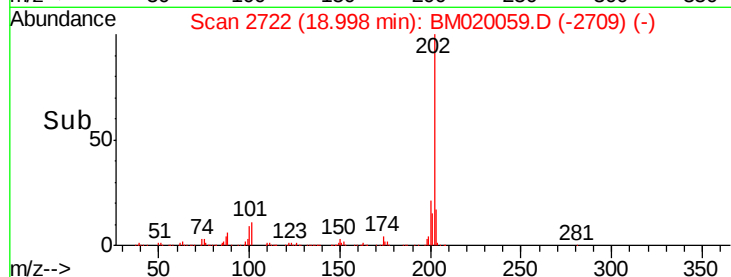
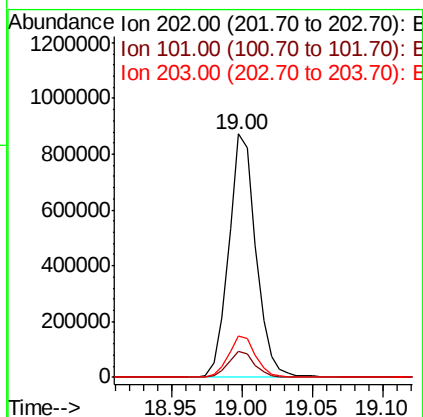
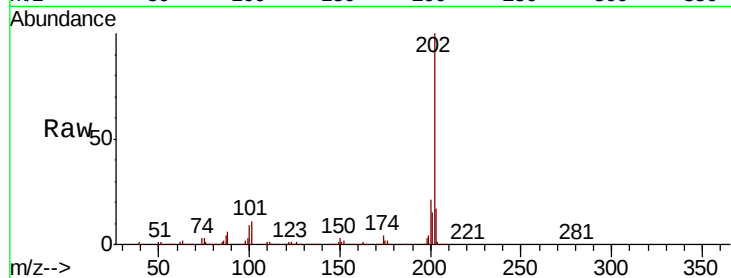
ClientSampleId :

PB119063BS

Tot Ion:	202	Resp:	1172785
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	31.7
203	17.2	0.0	37.4

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM



#76

Chrysene-d12

Concen: 20.000 ng

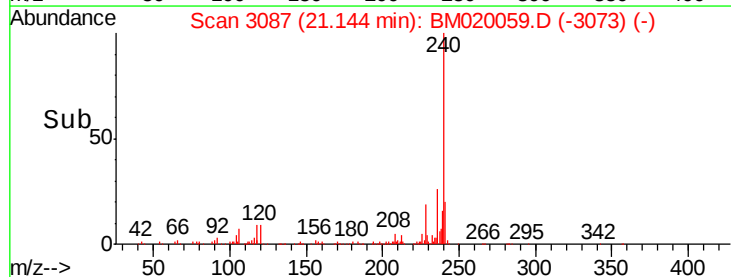
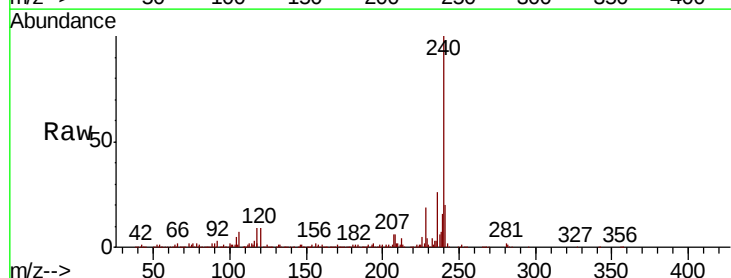
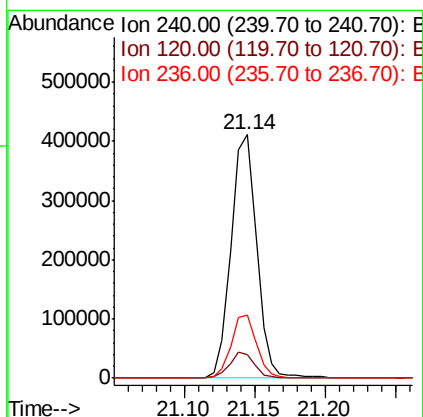
RT: 21.14 min Scan# 3087

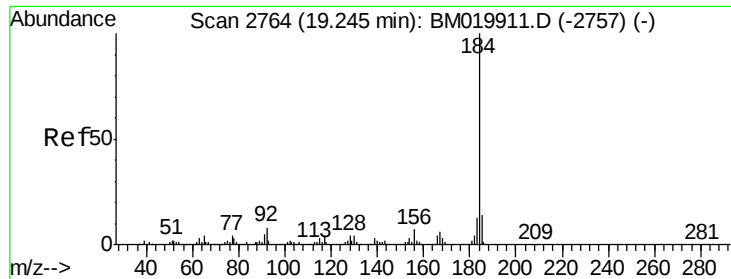
Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Tgt Ion:	240	Resp:	524071
Ion Ratio	Lower	Upper	
240	100		
120	9.4	8.6	13.0
236	25.9	21.4	32.2





#77

Benzidine

Concen: 34.633 ng

RT: 19.22 min Scan# 2759

Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Instrument :

BNA_M

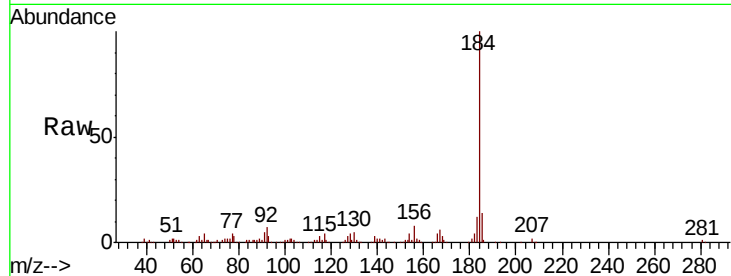
ClientSampleId :

PB119063BS

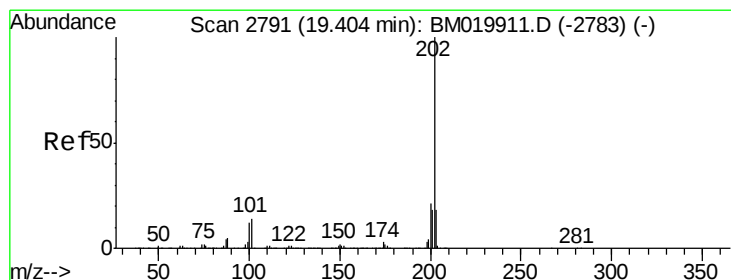
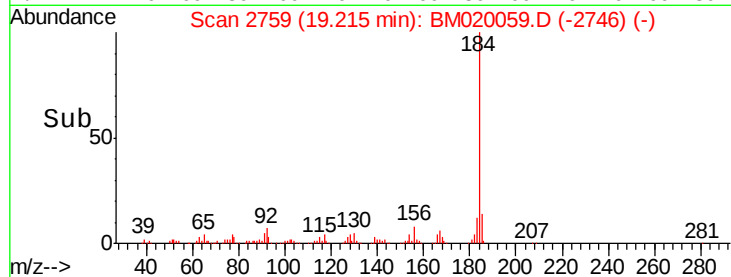
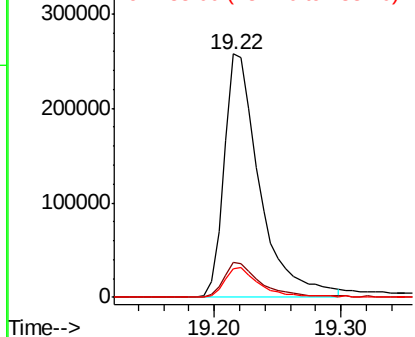
Tot Ion:	184	Resp:	500786
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.0	16.6
183	11.6	10.1	15.1

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM



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: 35.410 ng

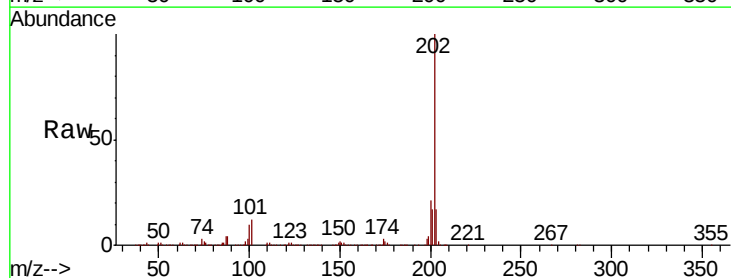
RT: 19.37 min Scan# 2785

Delta R.T. -0.02 min

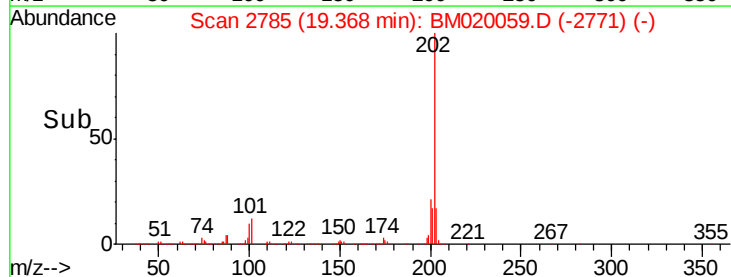
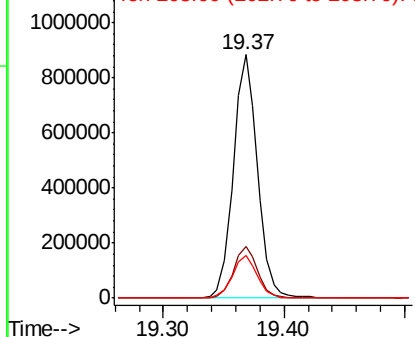
Lab File: BM020059.D

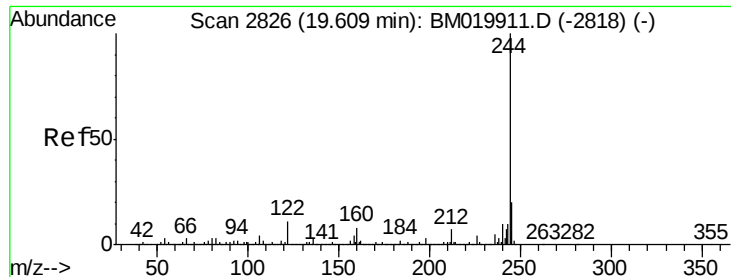
Acq: 24 Apr 2019 06:05

Tgt Ion:	202	Resp:	1228912
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.4
203	17.4	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





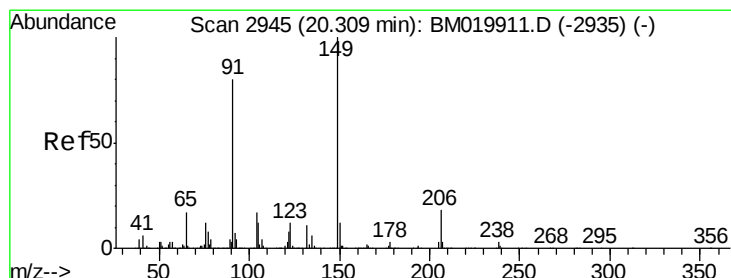
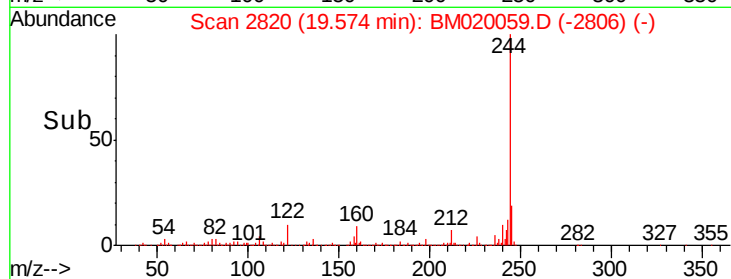
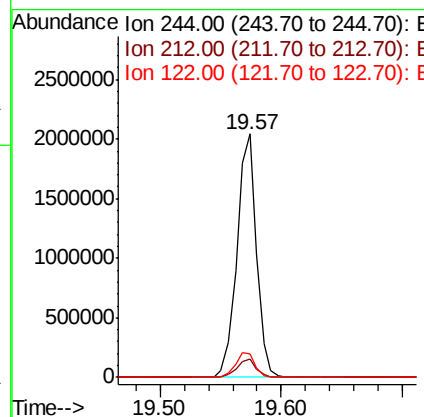
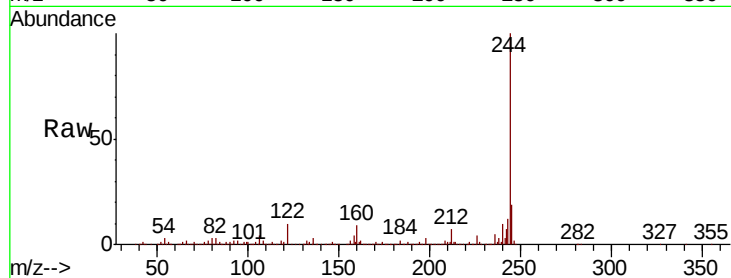
#79
 Terphenyl-d14
 Concen: 77.440 ng
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.02 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

Instrument :
 BNA_M
 ClientSampled :
 PB119063BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	9.7	9.1	13.7

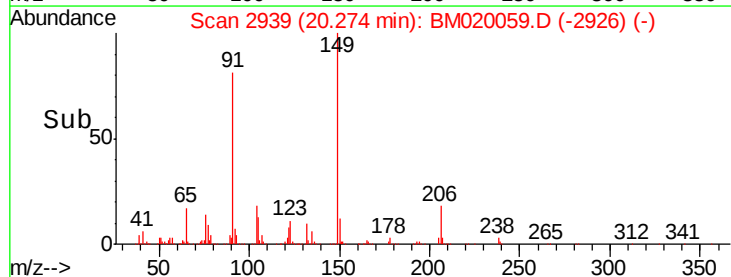
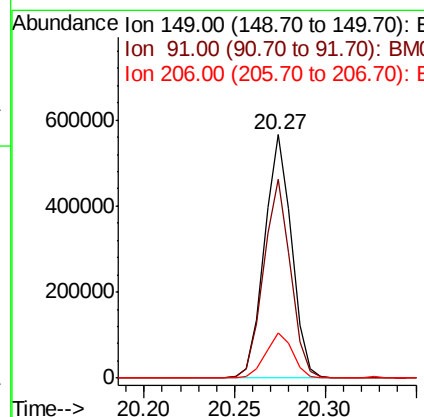
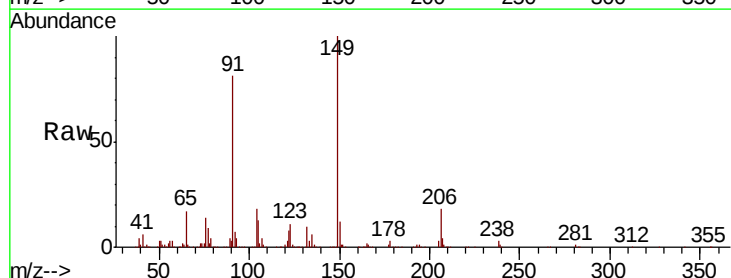
Manual Integrations
 APPROVED

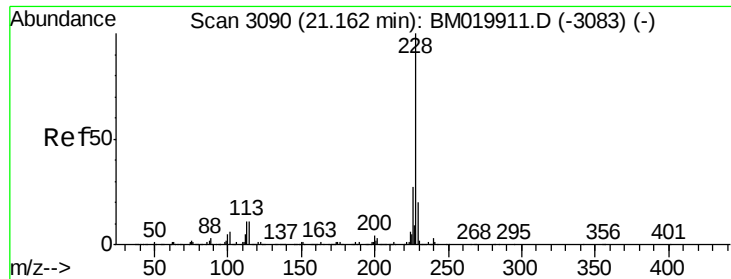
Sohil
 4/24/2019 11:49:53 AM



#80
 Butylbenzylphthalate
 Concen: 34.947 ng
 RT: 20.27 min Scan# 2939
 Delta R.T. -0.02 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.5	63.7	95.5
206	18.3	14.6	21.8





#81

Benzo(a)anthracene

Concen: 37.799 ng

RT: 21.13 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Instrument :

BNA_M

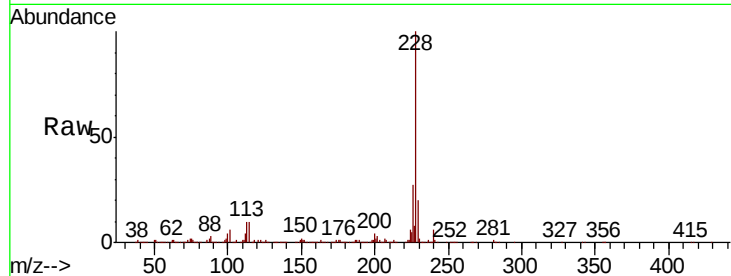
ClientSampleId :

PB119063BS

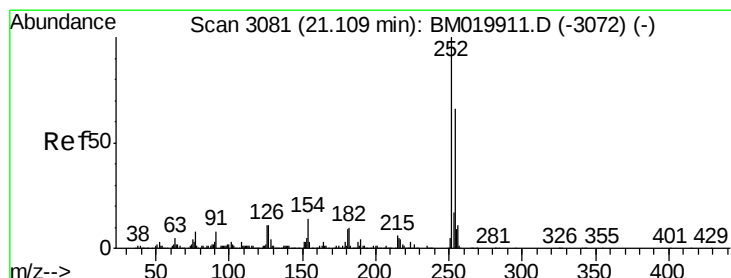
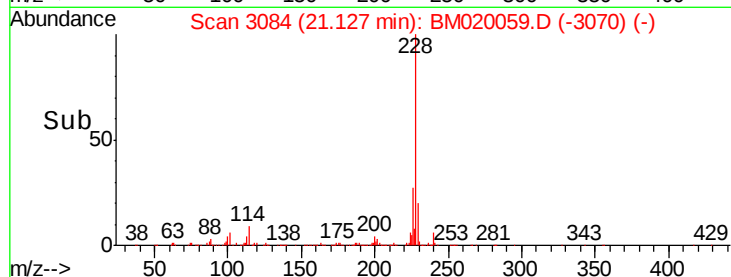
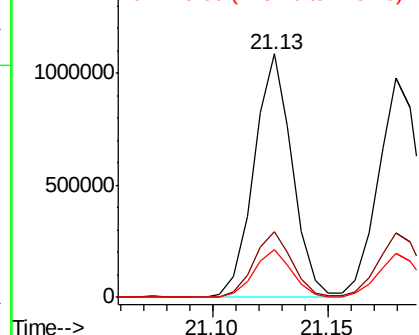
Tot Ion:	228	Resp:	1254872
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.6
229	19.7	15.9	23.9

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM



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



#82

3,3'-Dichlorobenzidine

Concen: 31.428 ng

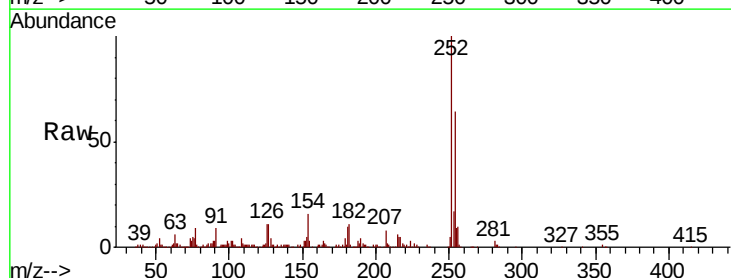
RT: 21.07 min Scan# 3075

Delta R.T. -0.02 min

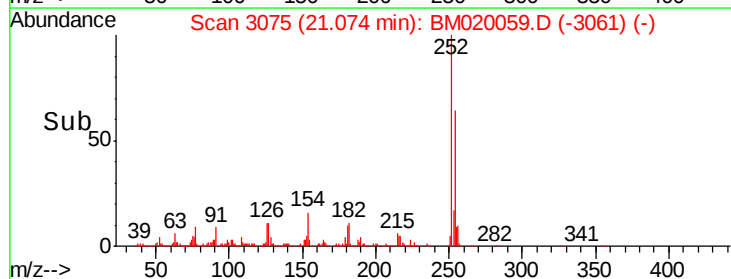
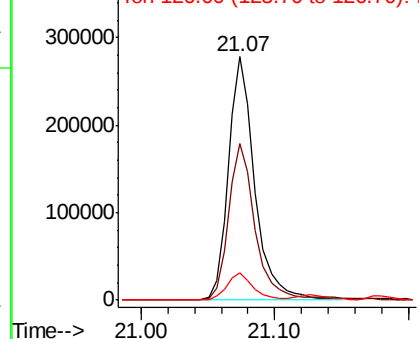
Lab File: BM020059.D

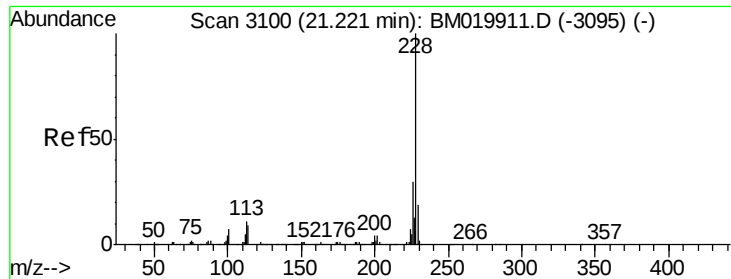
Acq: 24 Apr 2019 06:05

Tgt Ion:	252	Resp:	388189
Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.6	78.8
126	11.0	8.6	12.8



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





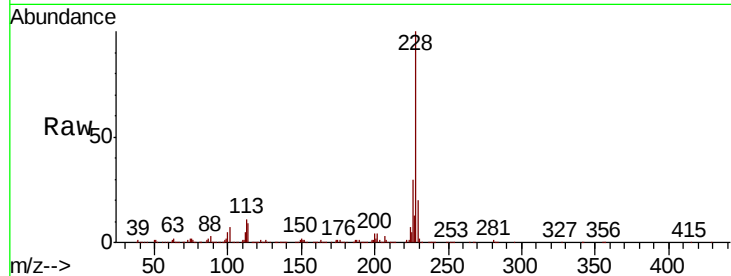
#83
 Chrvsene
 Concen: 38.948 ng
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.02 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	19.8	15.6	23.4

Manual Integrations
 APPROVED

Sohil
 4/24/2019 11:49:53 AM

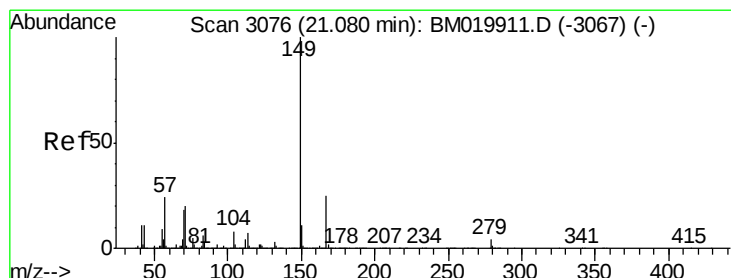
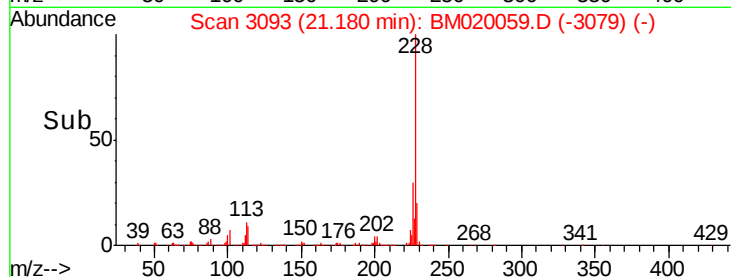
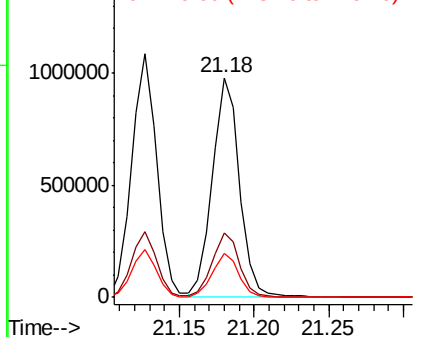


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.429 ng
 RT: 21.04 min Scan# 3070
 Delta R.T. -0.02 min
 Lab File: BM020059.D
 Acq: 24 Apr 2019 06:05

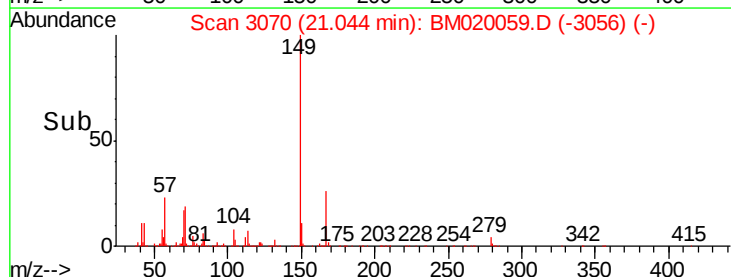
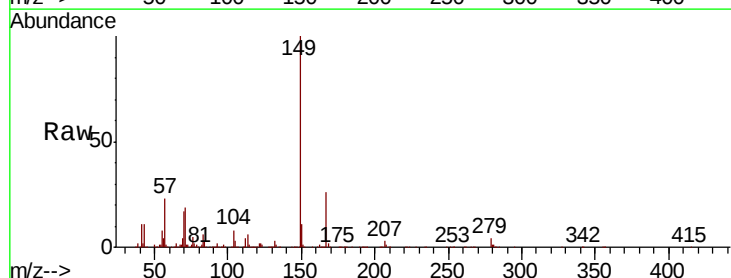
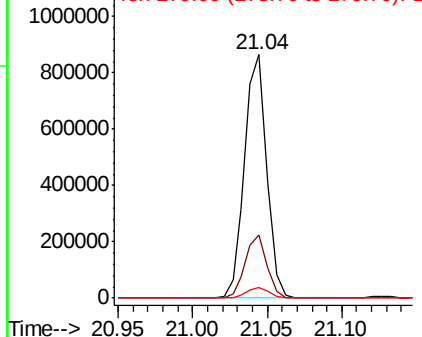
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.3	30.5
279	4.4	3.4	5.2

Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.983 ng

RT: 21.90 min Scan# 3216

Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Instrument :

BNA_M

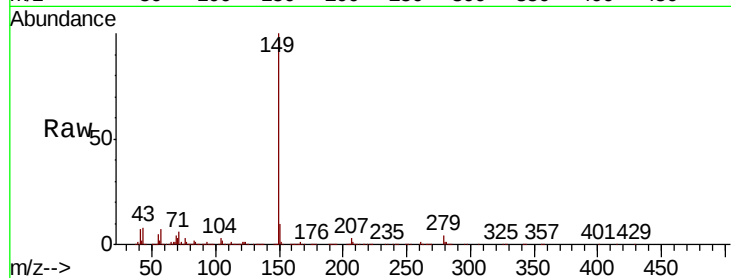
ClientSampleId :

PB119063BS

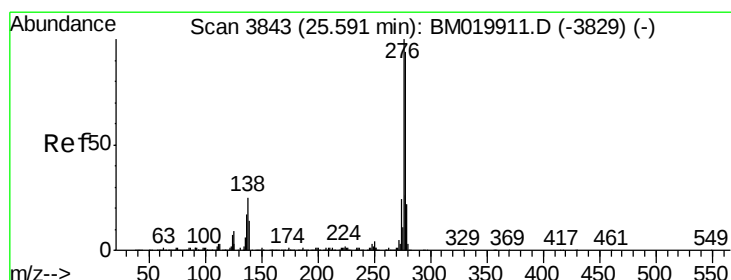
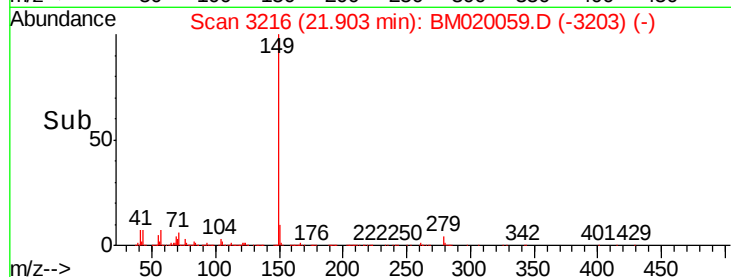
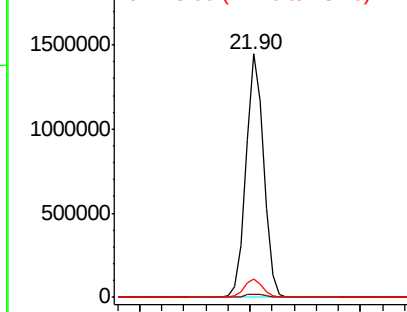
Tot Ion:	149	Resp:	1625119
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.0	9.0

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM



Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.060 ng

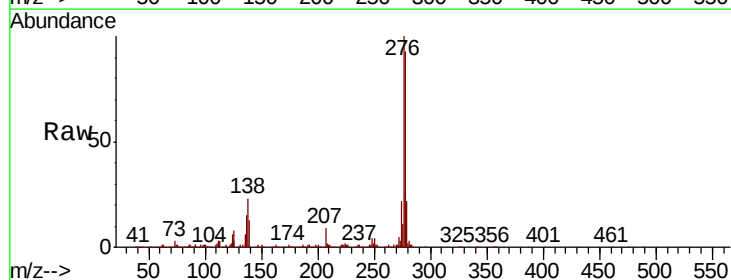
RT: 25.51 min Scan# 3829

Delta R.T. -0.04 min

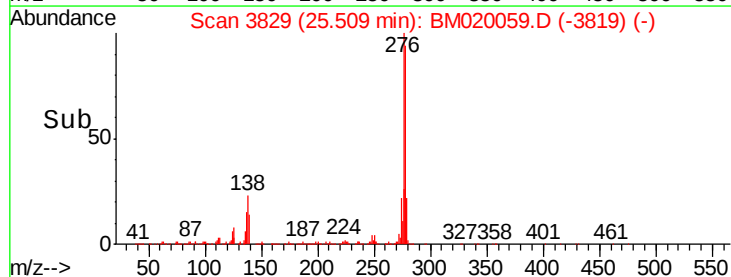
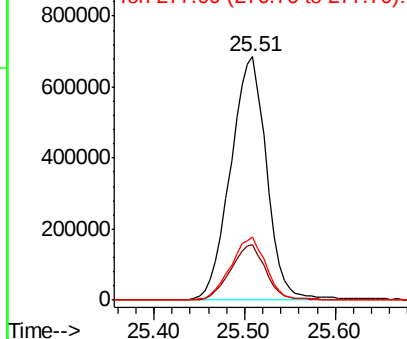
Lab File: BM020059.D

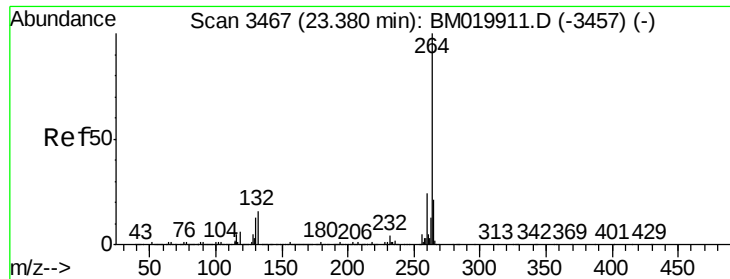
Acq: 24 Apr 2019 06:05

Tgt Ion:	276	Resp:	1881051
Ion	Ratio	Lower	Upper
276	100		
138	22.4	19.0	28.6
277	25.5	20.3	30.5



Abundance Ion 276.00 (275.70 to 276.70): E
800000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.33 min Scan# 3458

Delta R.T. -0.02 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Instrument :

BNA_M

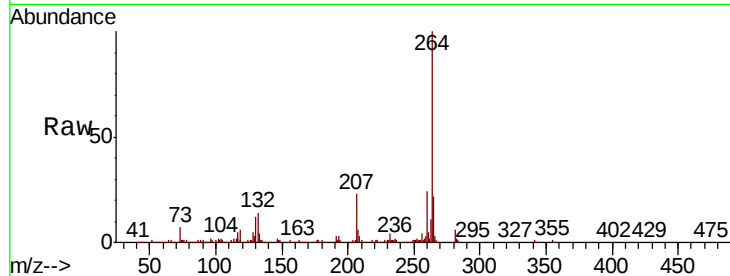
ClientSampleId :

PB119063BS

Tot Ion:	264	Resp:	505607
Ion Ratio		Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.2	25.8

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM

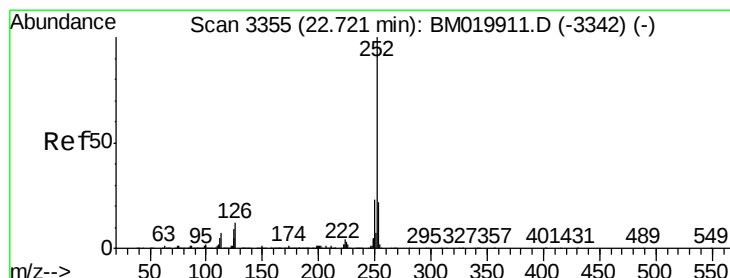
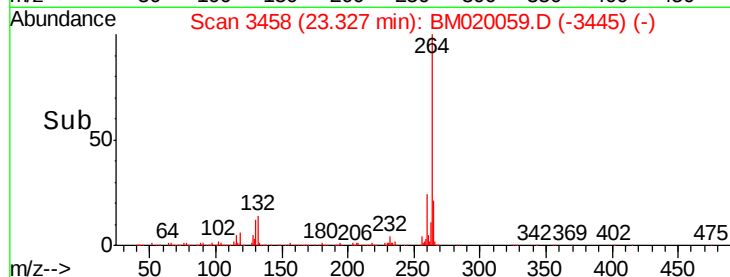
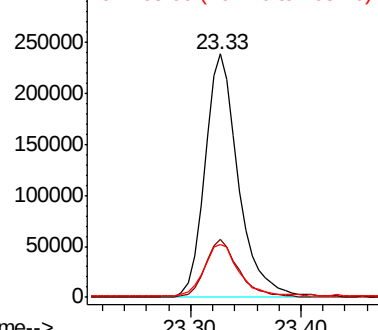


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.069 ng

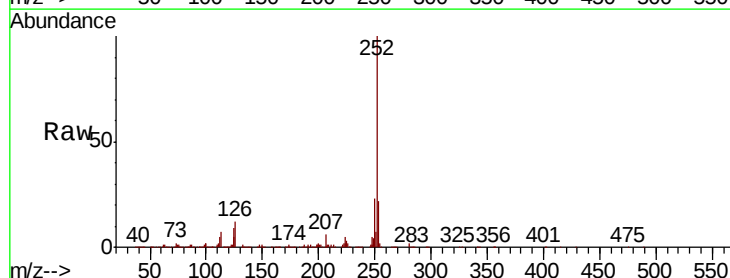
RT: 22.67 min Scan# 3346

Delta R.T. -0.03 min

Lab File: BM020059.D

Acq: 24 Apr 2019 06:05

Tgt Ion:	252	Resp:	1479533
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.5	26.3
125	9.1	7.6	11.4

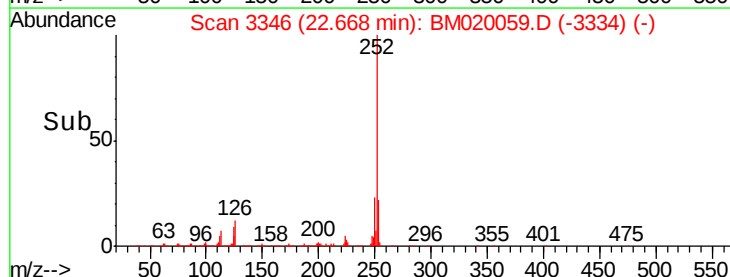
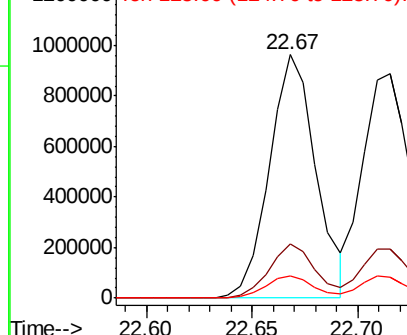


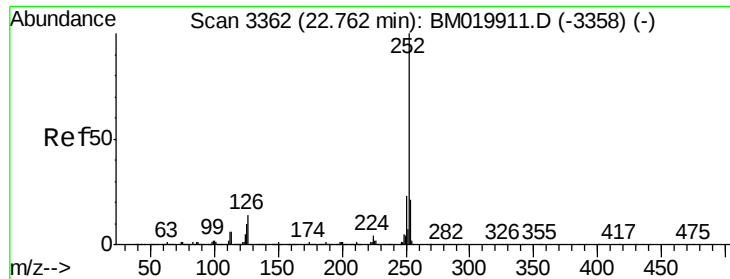
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





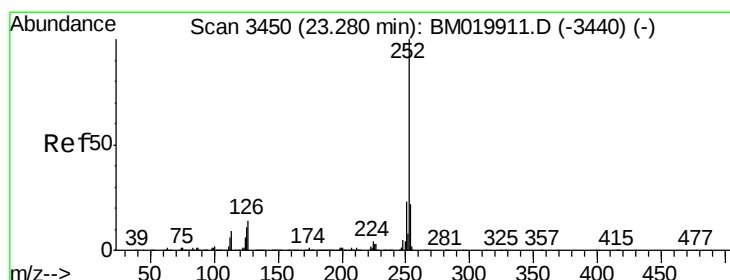
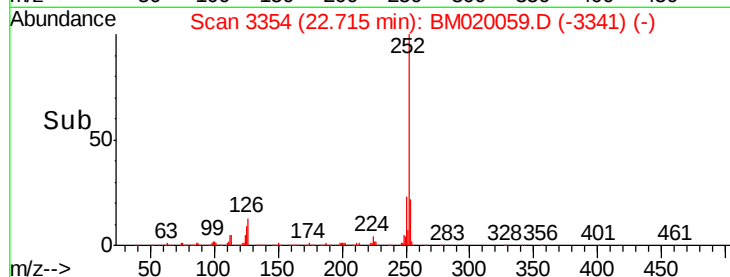
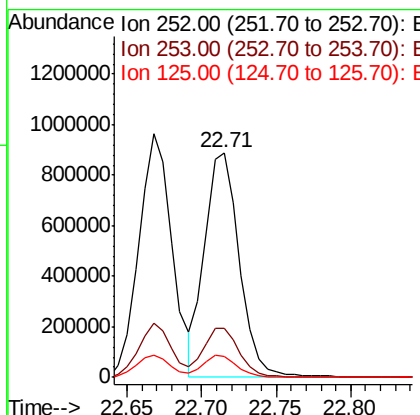
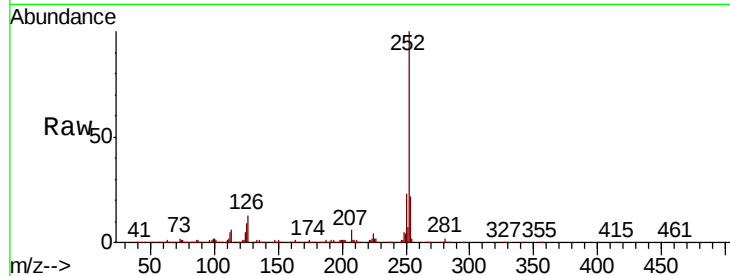
#89
Benzo(k)fluoranthene
Concen: 45.146 ng
RT: 22.71 min Scan# 3354
Delta R.T. -0.02 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	9.4	8.2	12.4

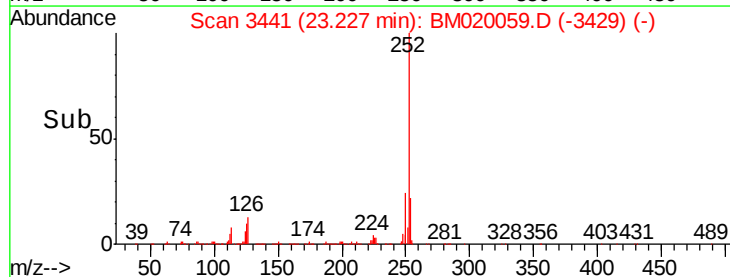
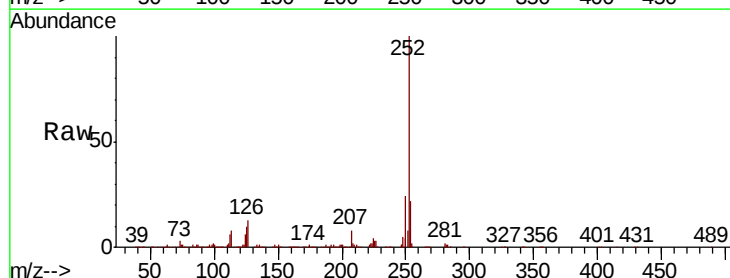
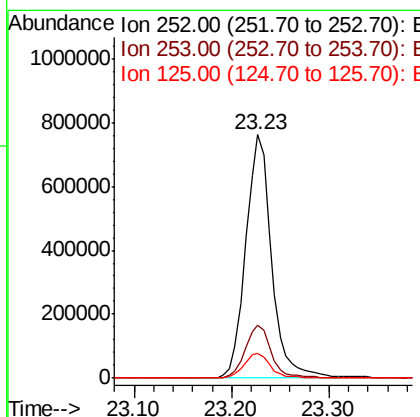
Manual Integrations
APPROVED

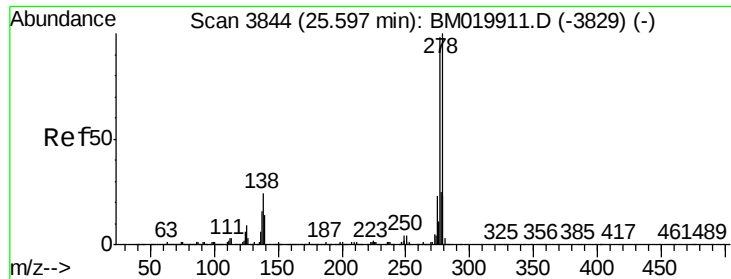
Sohil
4/24/2019 11:49:53 AM



#90
Benzo(a)pyrene
Concen: 47.330 ng
RT: 23.23 min Scan# 3441
Delta R.T. -0.03 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	10.2	9.1	13.7





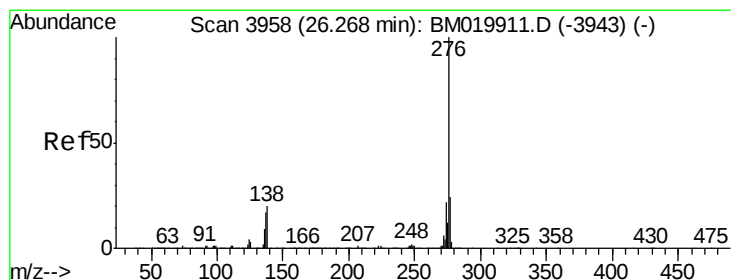
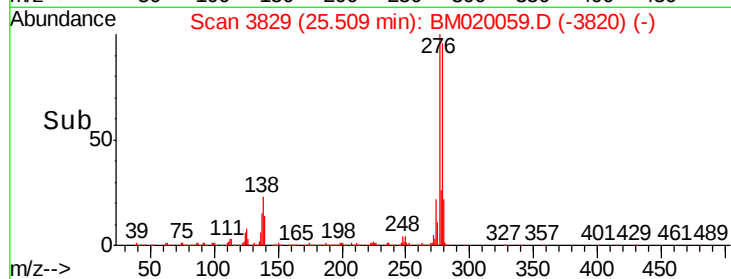
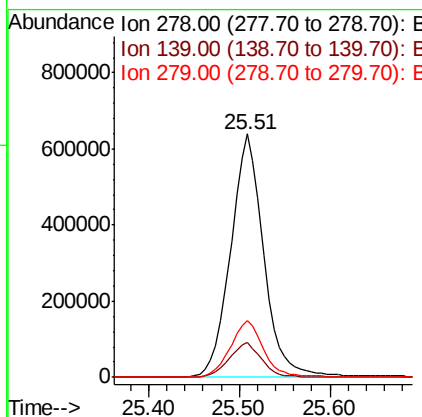
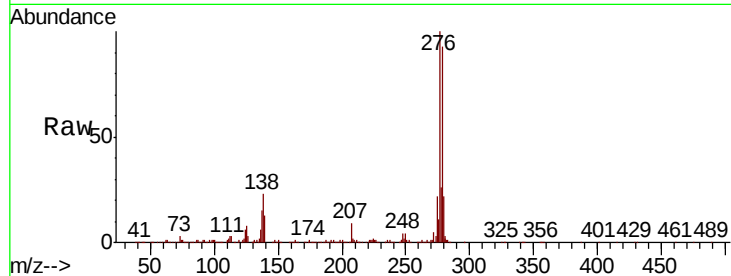
#91
Dibenzo(a,h)anthracene
Concen: 56.285 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.05 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tot Ion:278 Resp: 1614282
Ion Ratio Lower Upper
278 100
139 14.3 11.6 17.4
279 23.2 18.4 27.6

Manual Integrations
APPROVED

Sohil
4/24/2019 11:49:53 AM



#92
Benzo(g,h,i)perylene
Concen: 56.560 ng
RT: 26.17 min Scan# 3942
Delta R.T. -0.05 min
Lab File: BM020059.D
Acq: 24 Apr 2019 06:05

Tgt Ion:276 Resp: 1469274
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 19.4 16.2 24.4

