

Data File : BM018051.D
Acq On : 11 Dec 2018 11:18
Operator : JU/SJ
Sample : J6155-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4131

Quant Time: Dec 12 00:27:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 12 00:24:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	156571	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	678392	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	386165	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	789889	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	617379	20.00	ng/ul	0.00
85) Perylene-d12	23.35	264	612995	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	22596	6.61	ng/uL	0.00
5) Phenol-d5	6.75	99	514989	36.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	276168	32.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	433473	38.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	425067	36.38	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	193678	37.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	228090	38.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	417437	36.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	353437	36.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	1211874	36.17	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	1479300	36.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	177176	29.08	ng/ul	0.00
57) Fluorene-d10	15.20	176	985583	34.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	200242	35.46	ng/ul	0.00
70) Anthracene-d10	17.06	188	1435397	36.50	ng/ul	0.00
78) Pyrene-d10	19.37	212	1332710	44.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	1163432	35.00	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.77	94	277960	19.474 ng/ul	94
8) Bis(2-Chloroethyl)ether	7.00	93	606747	55.641 ng/ul	94
11) 2-Methylphenol	8.00	108	649632	59.654 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.37	70	534018	56.222 ng/ul	97
16) 4-Methylphenol	8.33	108	703119	59.749 ng/ul	87
17) Hexachloroethane	8.60	117	176189	38.874 ng/ul	94
21) Isophorone	9.27	82	913358	37.540 ng/ul	99
24) 2,4-Dimethylphenol	9.52	107	586029	45.149 ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.75	93	678511	45.573 ng/ul	99
27) 2,4-Dichlorophenol	9.98	162	180082	16.780 ng/ul	98
28) Naphthalene	10.37	128	816755	23.108 ng/ul	99
31) Hexachlorobutadiene	10.64	225	411773	57.773 ng/ul	97
32) Caprolactam	11.29	113	140416	39.547 ng/ul	92
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	506344	39.296 ng/ul	99
37) Hexachlorocyclopentadiene	12.33	237	255934	30.800 ng/ul	99
39) 2,4,5-Trichlorophenol	12.70	196	373721	41.728 ng/ul	99
41) 2-Chloronaphthalene	13.06	162	491501	19.766 ng/ul	99
44) Dimethylphthalate	13.67	163	632501	19.484 ng/ul	100
45) 2,6-Dinitrotoluene	13.67	165	6682	1.048 ng/ul#	51
47) Acenaphthylene	13.92	152	900062	23.766 ng/ul	98
48) 3-Nitroaniline	14.13	138	338977	55.705 ng/ul	95
49) Acenaphthene	14.26	153	906307	33.205 ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	197597	45.689 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) Dibenzofuran	14.60	168	720353	18.651	ng/ul	99
58) Fluorene	15.26	166	245116	7.610	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.26	204	490415	29.642	ng/ul	99
60) 4-Nitroaniline	15.31	138	410966	60.749	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.37	198	404964	69.589	ng/ul#	89
67) Atrazine	16.62	200	94082	10.430	ng/ul#	36
68) Pentachlorophenol	16.62	266	537694	86.145	ng/ul	99
69) Phenanthrene	17.09	178	1506737	33.357	ng/ul	98
71) Anthracene	17.09	178	1506737	32.617	ng/ul	99
74) Carbazole	17.37	167	1537066	37.761	ng/ul	99
76) Fluoranthene	19.03	202	868984	16.356	ng/ul	98
80) Butylbenzylphthalate	20.32	149	460685	28.747	ng/ul	96
82) Benzo(a)anthracene	21.21	228	1156308	30.196	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.10	149	647794	27.298	ng/ul	97
84) Chrysene	21.21	228	1156308	32.288	ng/ul	99
87) Benzo(b)fluoranthene	22.74	252	1419940	37.266	ng/ul	99
88) Benzo(k)fluoranthene	22.74	252	1419940	38.343	ng/ul	99
90) Benzo(a)pyrene	23.26	252	1383068	38.276	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.50	276	652876	17.052	ng/ul#	92

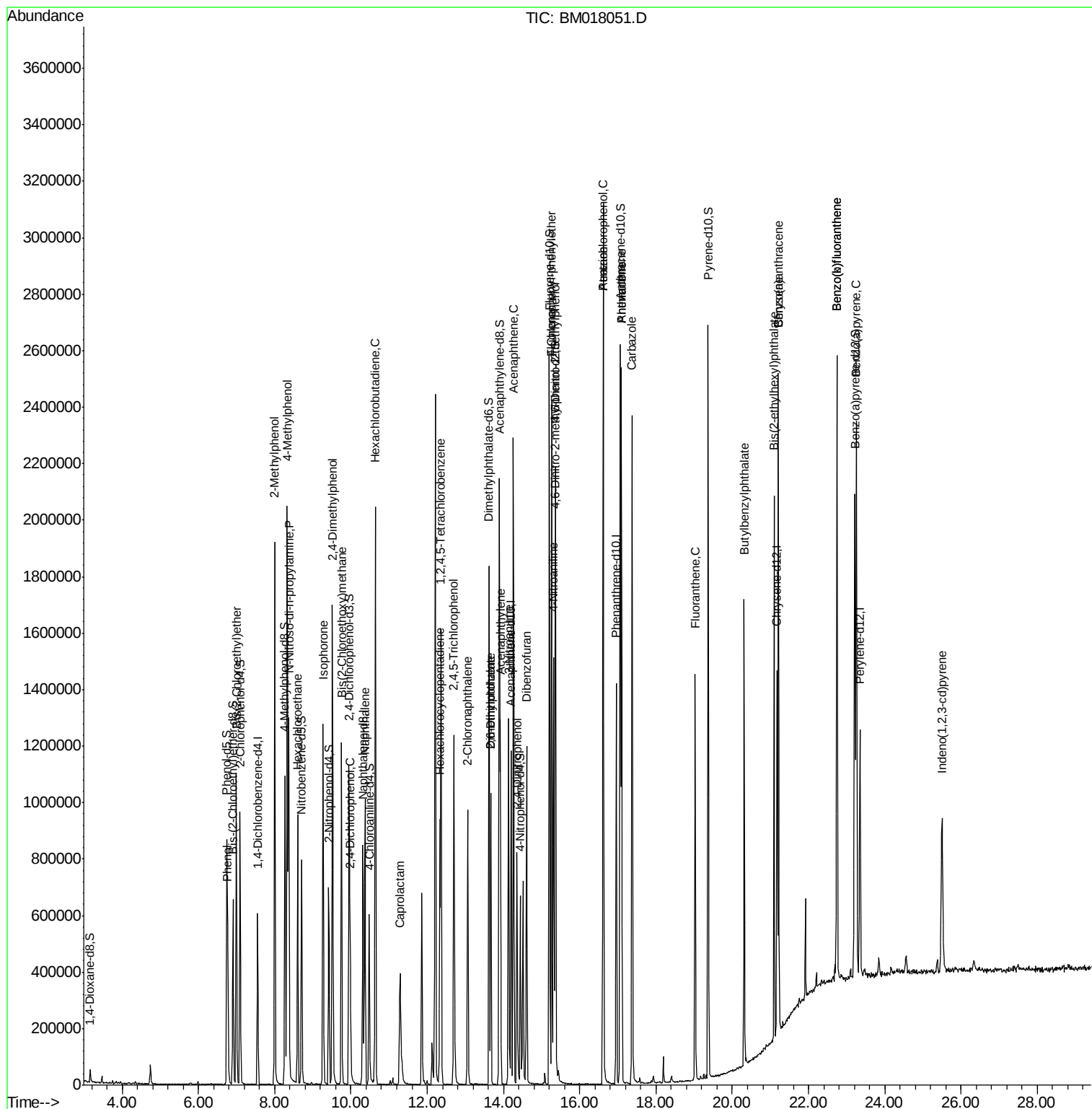
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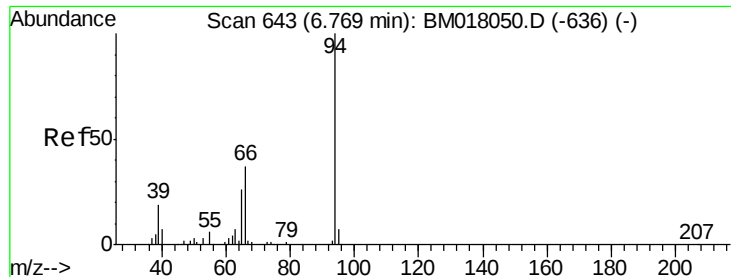
Data File : BM018051.D

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#6

Phenol

Concen: 19.474 ng/ul

RT: 6.77 min Scan# 644

Delta R.T. 0.01 min

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Acq: 11 Dec 2018 11:18

Instrument :

BNA_M

ClientSampleId :

A4131

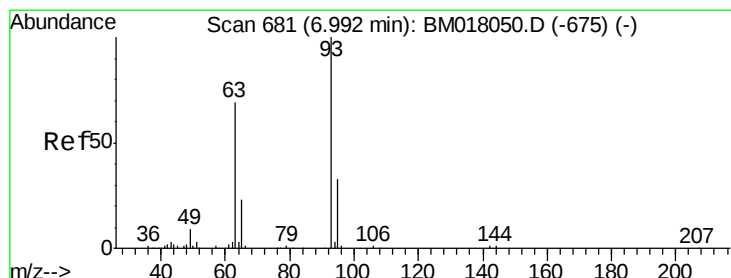
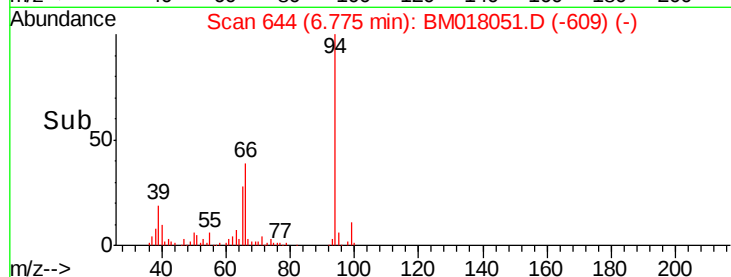
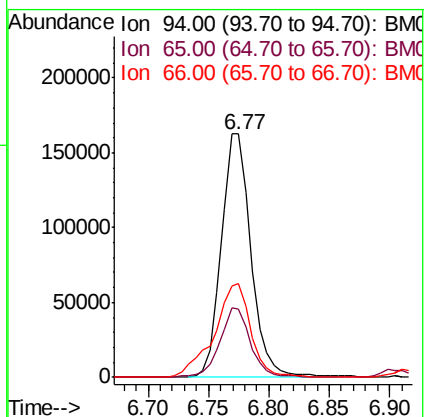
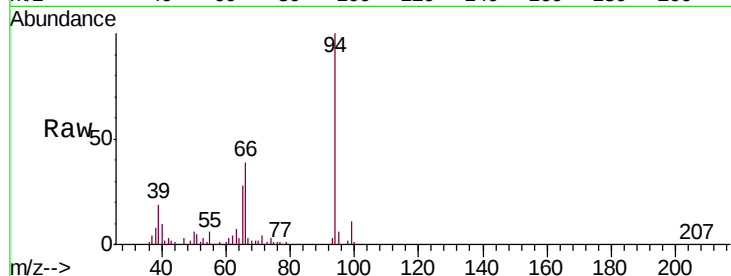
Tgt Ion: 94 Resp: 277960

Ion Ratio Lower Upper

94 100

65 28.0 24.7 37.1

66 38.8 34.6 51.8



#8

Bis(2-Chloroethyl)ether

Concen: 55.641 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

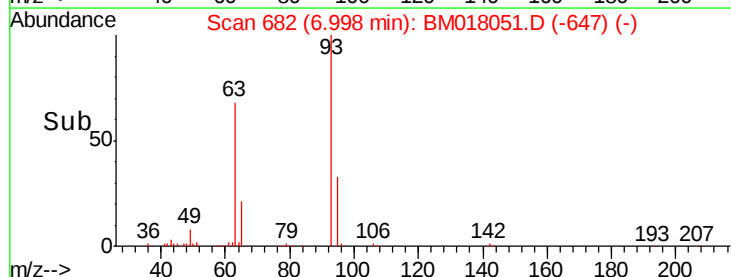
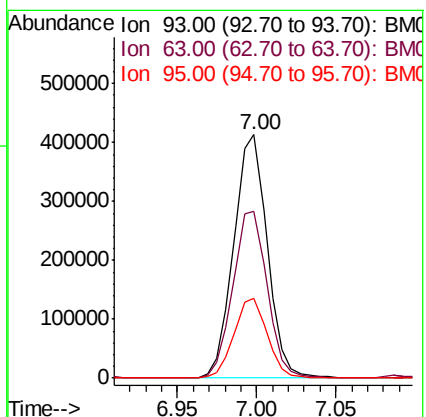
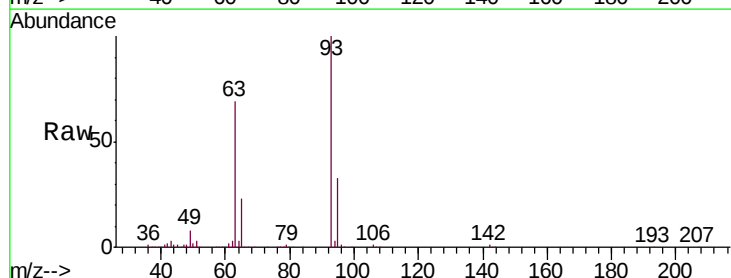
Tgt Ion: 93 Resp: 606747

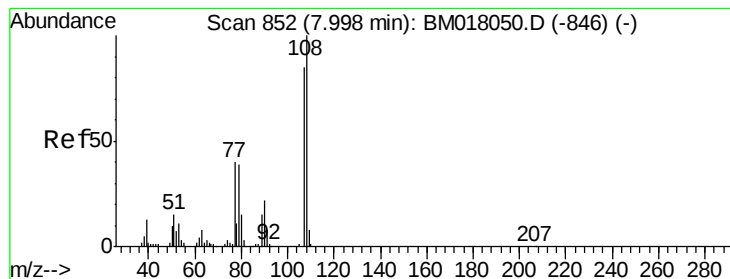
Ion Ratio Lower Upper

93 100

63 68.7 60.6 90.8

95 32.9 25.4 38.2





#11

2-Methylphenol

Concen: 59.654 ng/ul

RT: 8.00 min Scan# 852

Delta R.T. 0.00 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

Instrument :

BNA_M

ClientSampleId :

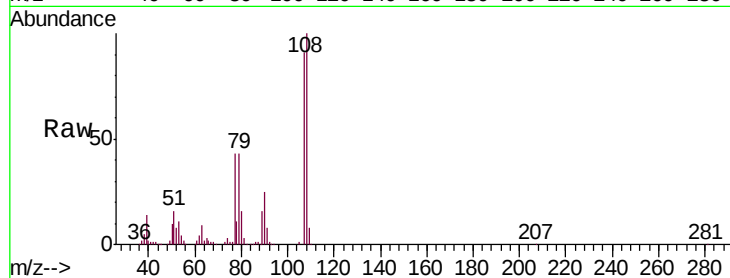
A4131

Tgt Ion:108 Resp: 649632

Ion Ratio Lower Upper

108 100

107 90.8 70.8 106.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.00

400000

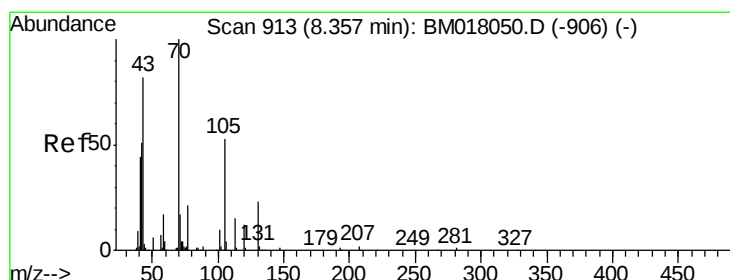
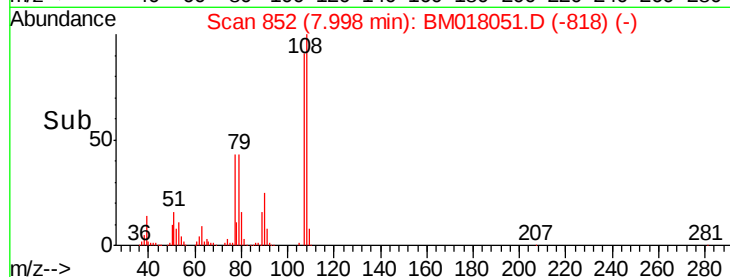
300000

200000

100000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#15

N-Nitroso-di-n-propylamine

Concen: 56.222 ng/ul

RT: 8.37 min Scan# 915

Delta R.T. 0.01 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

Tgt Ion: 70 Resp: 534018

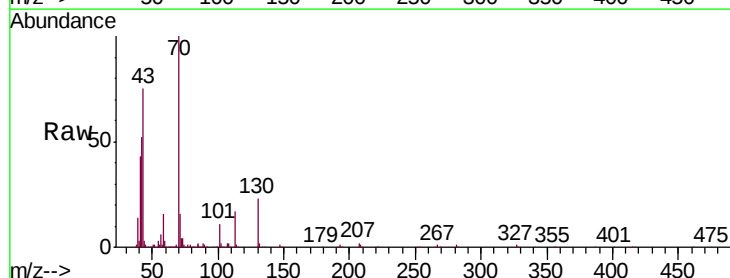
Ion Ratio Lower Upper

70 100

42 51.9 42.7 64.1

101 10.7 7.6 11.4

130 23.4 16.7 25.1



Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

8.37

400000

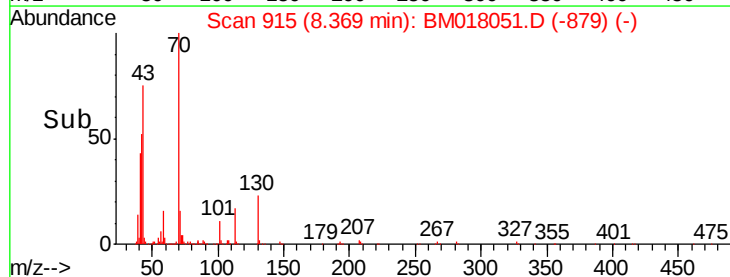
300000

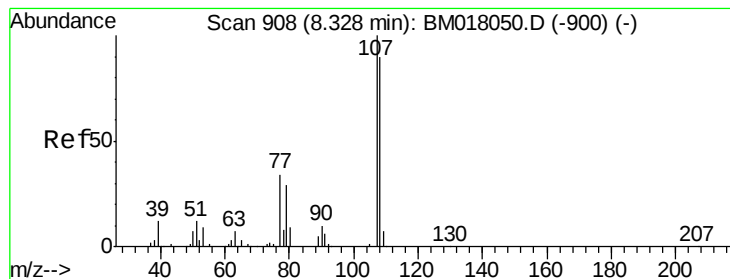
200000

100000

0

Time--> 8.30 8.35 8.40





#16

4-Methylphenol

Concen: 59.749 ng/ul

RT: 8.33 min Scan# 908

Delta R.T. 0.00 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

Instrument :

BNA_M

ClientSampleId :

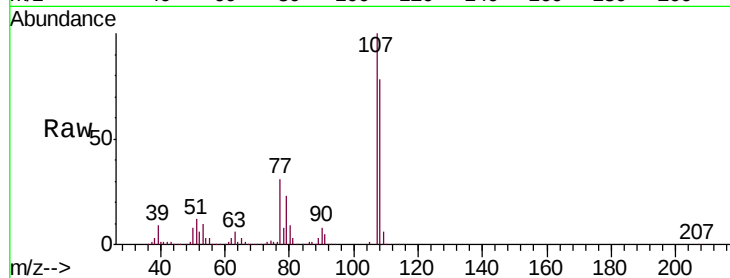
A4131

Tgt Ion:108 Resp: 703119

Ion Ratio Lower Upper

108 100

107 128.4 91.3 136.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

600000

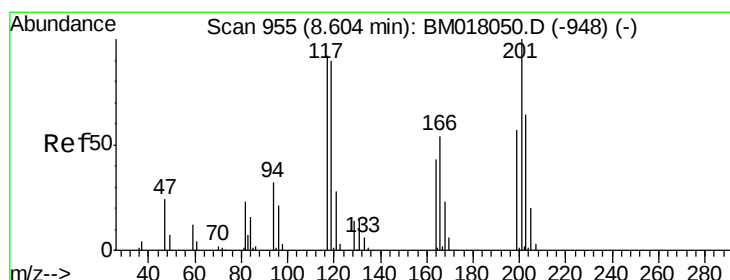
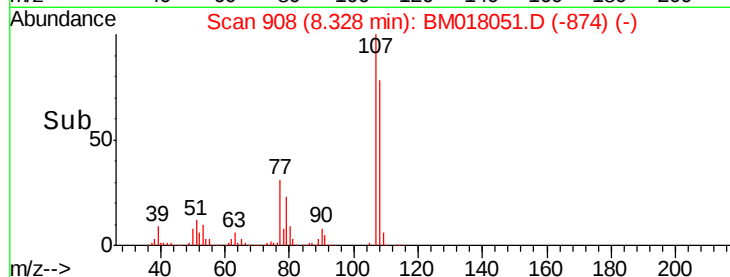
400000

200000

0

8.20 8.30 8.40

Time-->



#17

Hexachloroethane

Concen: 38.874 ng/ul

RT: 8.60 min Scan# 955

Delta R.T. 0.00 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

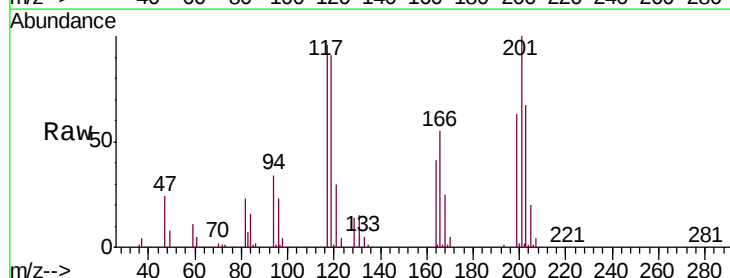
Tgt Ion:117 Resp: 176189

Ion Ratio Lower Upper

117 100

201 104.4 78.2 117.2

199 65.8 49.5 74.3



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

150000

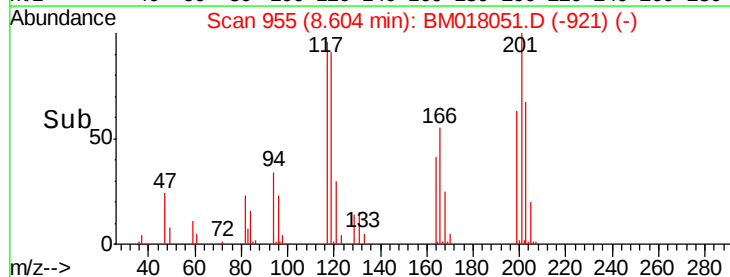
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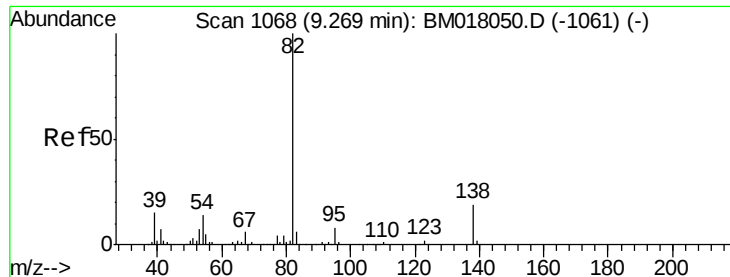
50000

0

8.55 8.60 8.65

Time-->

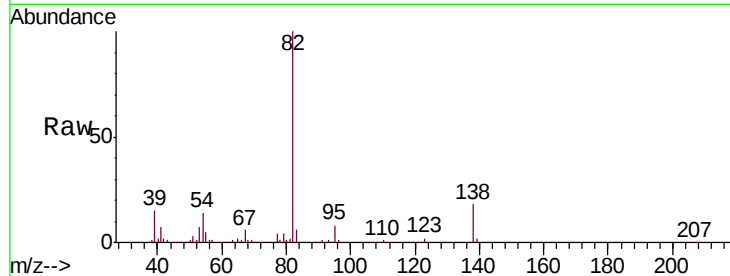




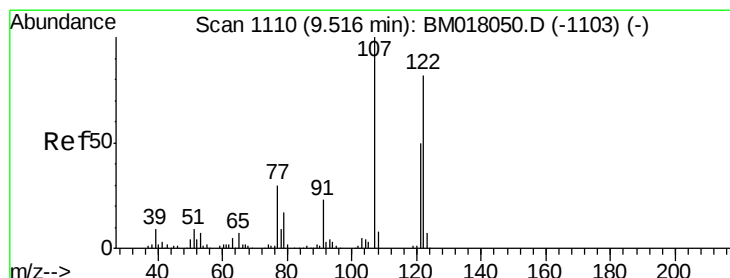
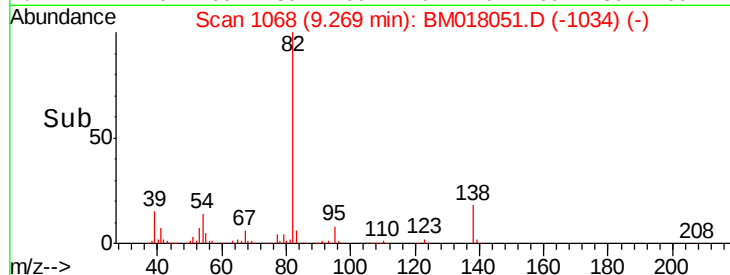
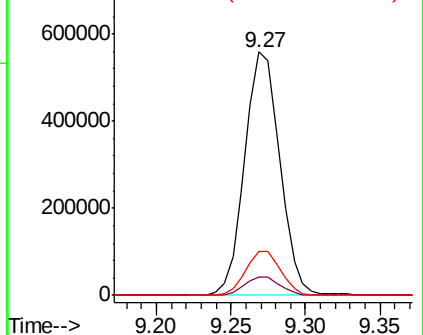
#21
Isophorone
Concen: 37.540 ng/ul
RT: 9.27 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

Instrument :
BNA_M
ClientSampleId :
A4131

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	18.0	14.2	21.2

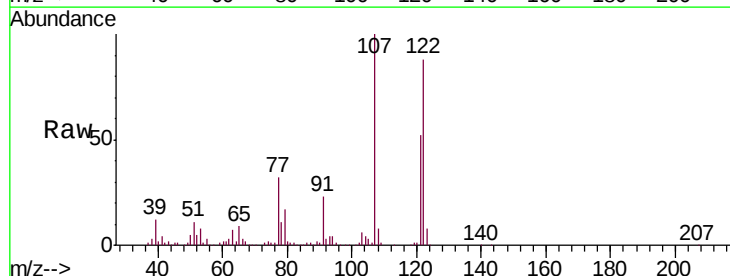


Abundance Ion 82.00 (81.70 to 82.70): BM018051.D (-1061) (-)
Ion 95.00 (94.70 to 95.70): BM018051.D (-1061) (-)
Ion 138.00 (137.70 to 138.70): BM018051.D (-1061) (-)

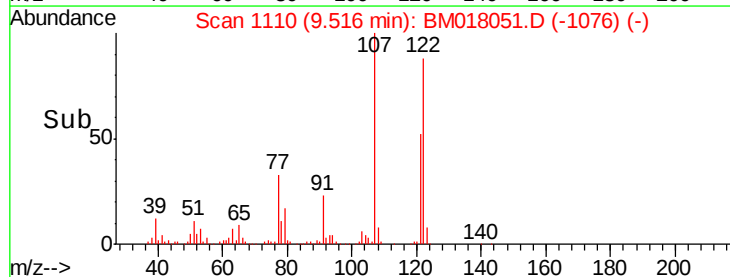
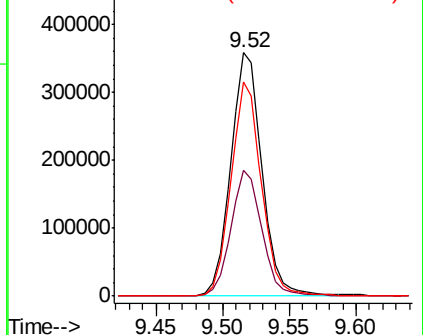


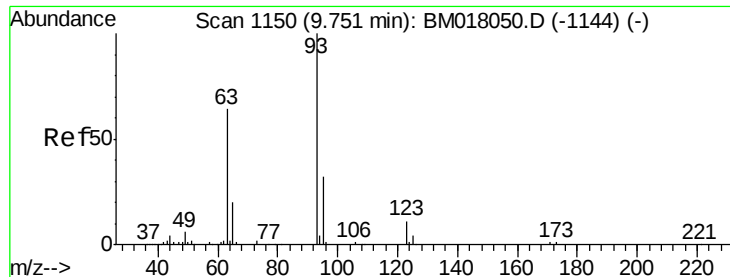
#24
2,4-Dimethylphenol
Concen: 45.149 ng/ul
RT: 9.52 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

Tgt Ion	Ratio	Lower	Upper
107	100		
121	51.8	39.6	59.4
122	88.2	68.1	102.1



Abundance Ion 107.00 (106.70 to 107.70): BM018051.D (-1103) (-)
Ion 121.00 (120.70 to 121.70): BM018051.D (-1103) (-)
Ion 122.00 (121.70 to 122.70): BM018051.D (-1103) (-)

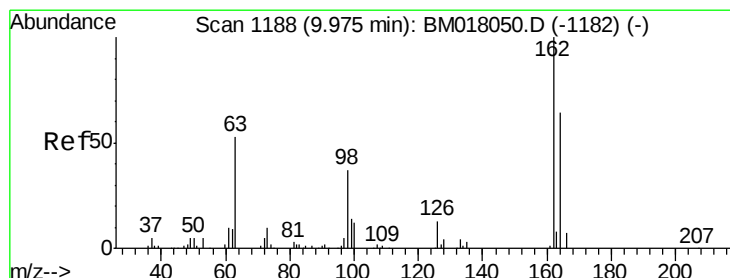
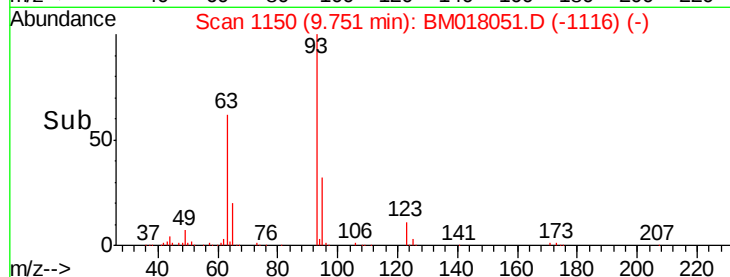
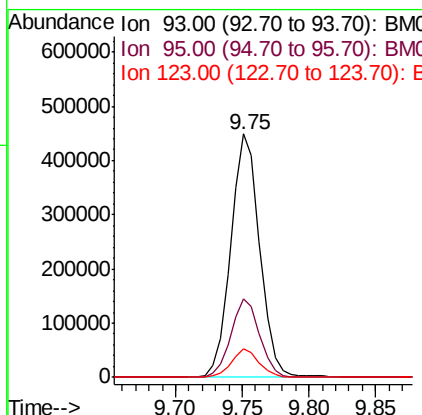
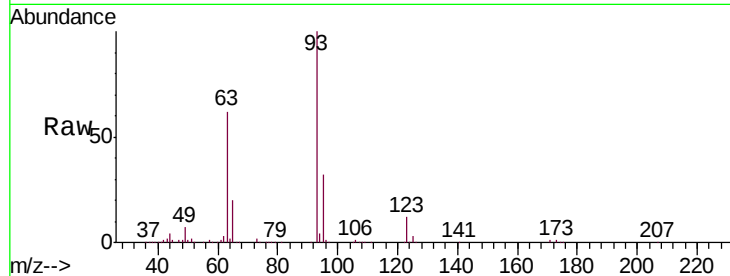




#25
 Bis(2-Chloroethoxy)methane
 Concen: 45.573 ng/ul
 RT: 9.75 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BM018051.D
 Acq: 11 Dec 2018 11:18

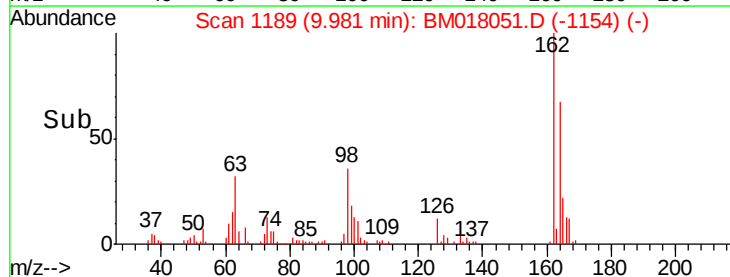
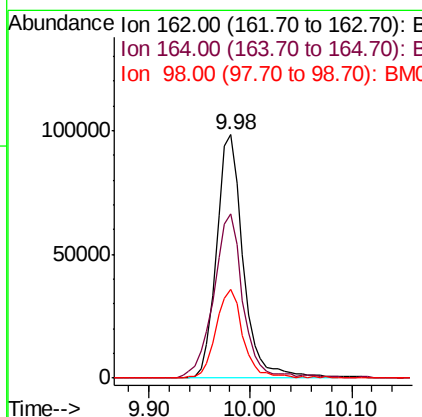
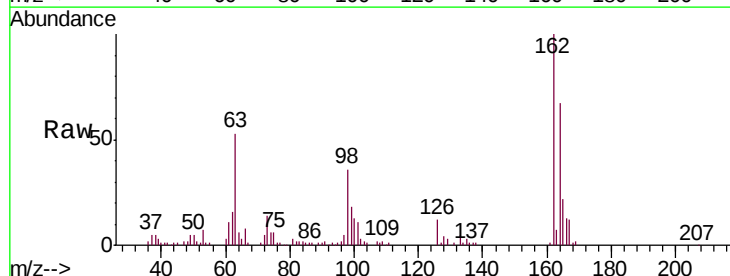
Instrument :
 BNA_M
 ClientSampleId :
 A4131

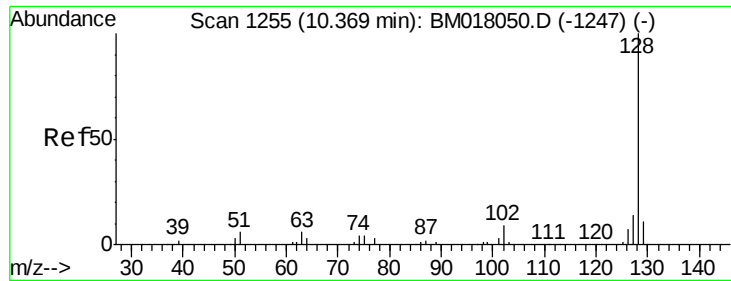
Tgt Ion: 93 Resp: 678511
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.0 39.0
 123 11.5 9.0 13.4



#27
 2,4-Dichlorophenol
 Concen: 16.780 ng/ul
 RT: 9.98 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BM018051.D
 Acq: 11 Dec 2018 11:18

Tgt Ion: 162 Resp: 180082
 Ion Ratio Lower Upper
 162 100
 164 67.3 51.8 77.8
 98 36.2 29.0 43.6





#28

Naphthalene

Concen: 23.108 ng/ul

RT: 10.37 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

Instrument :

BNA_M

ClientSampleId :

A4131

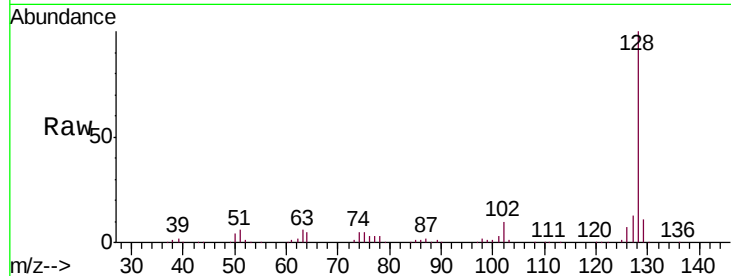
Tgt Ion:128 Resp: 816755

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

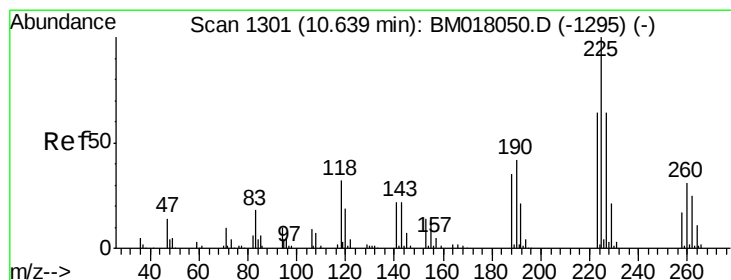
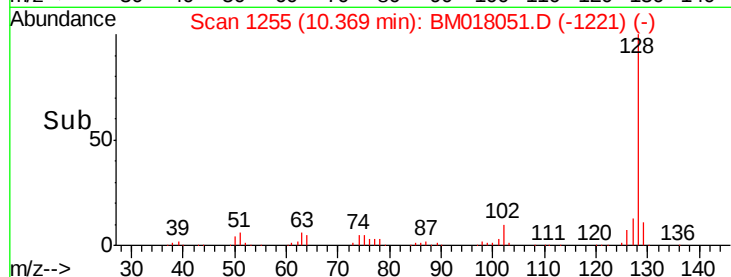
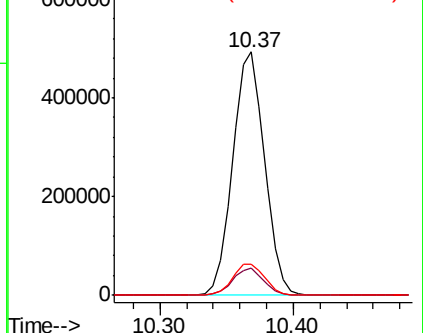
127 12.9 10.8 16.2



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



#31

Hexachlorobutadiene

Concen: 57.773 ng/ul

RT: 10.64 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

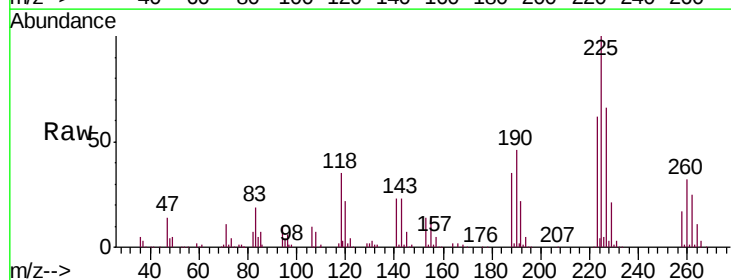
Tgt Ion:225 Resp: 411773

Ion Ratio Lower Upper

225 100

223 62.3 48.8 73.2

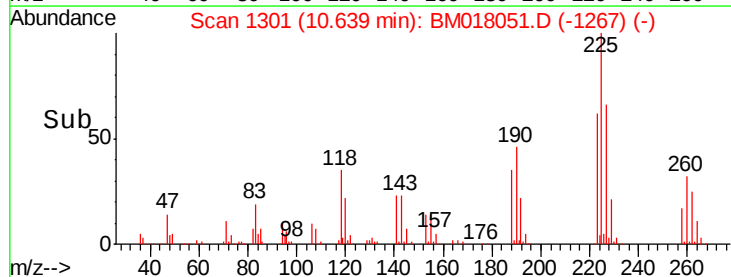
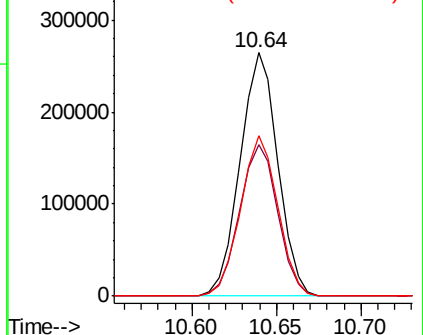
227 65.8 50.3 75.5

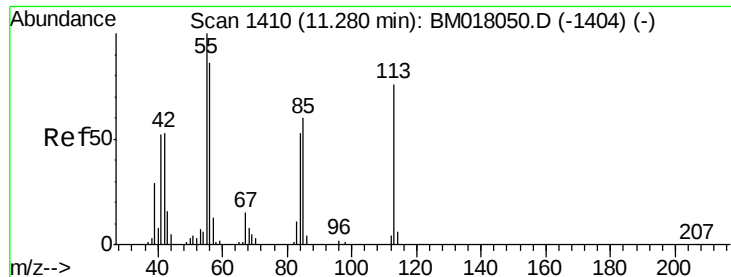


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 39.547 ng/ul

RT: 11.29 min Scan# 1411

Delta R.T. 0.01 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

Instrument :

BNA_M

ClientSampleId :

A4131

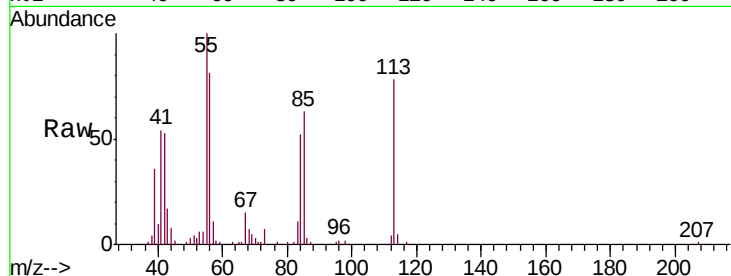
Tgt Ion:113 Resp: 140416

Ion Ratio Lower Upper

113 100

55 127.6 110.6 166.0

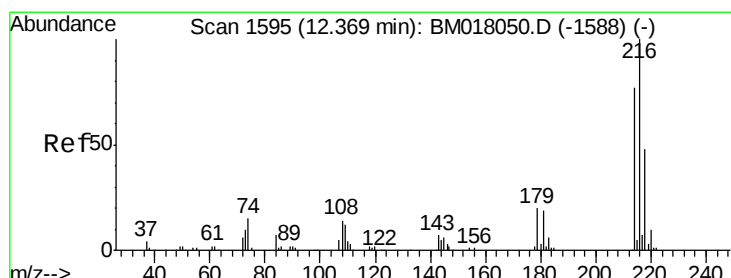
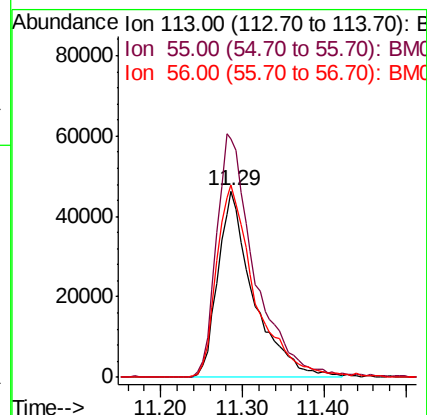
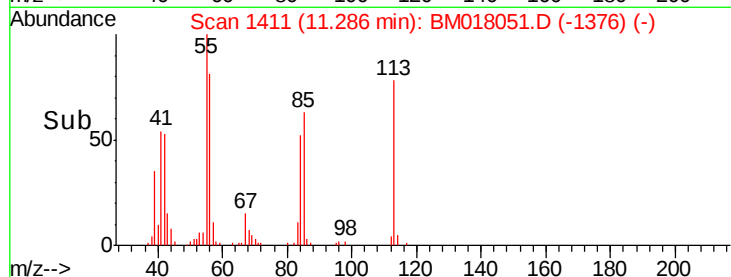
56 103.2 88.2 132.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

1,2,4,5-Tetrachlorobenzene

Concen: 39.296 ng/ul

RT: 12.37 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

Tgt Ion:216 Resp: 506344

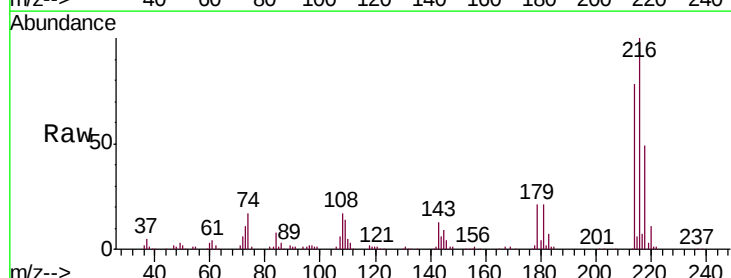
Ion Ratio Lower Upper

216 100

214 77.8 61.3 91.9

179 21.4 17.0 25.4

108 16.9 12.8 19.2

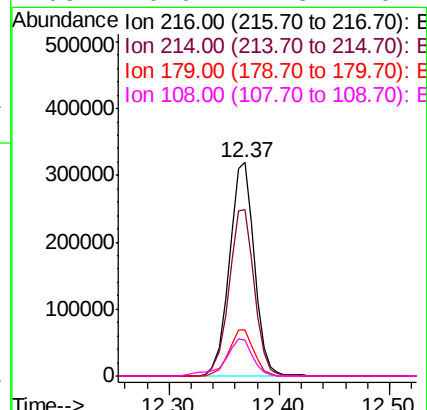
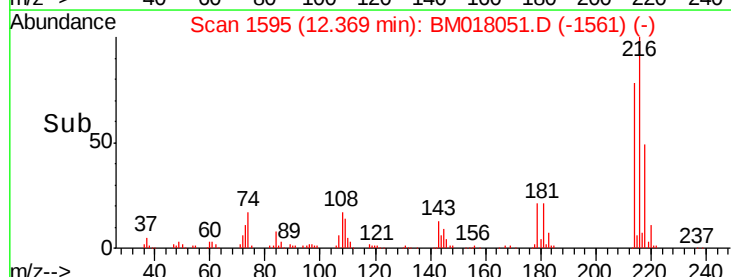


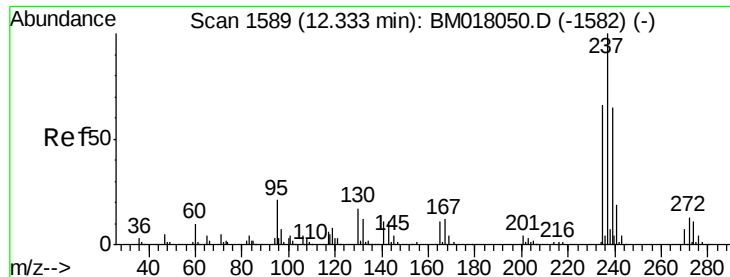
Abundance Ion 216.00 (215.70 to 216.70): E

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

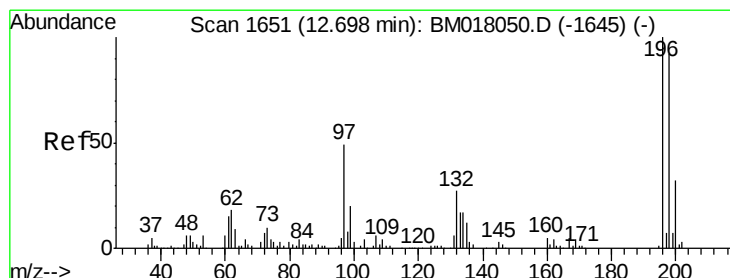
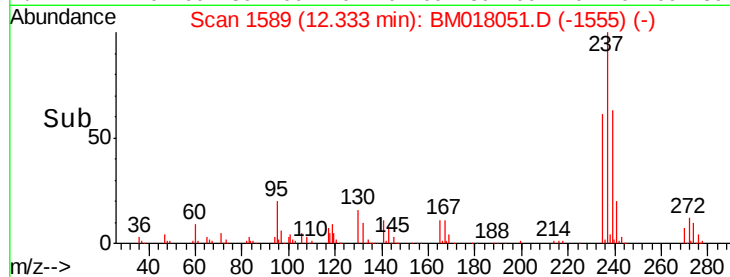
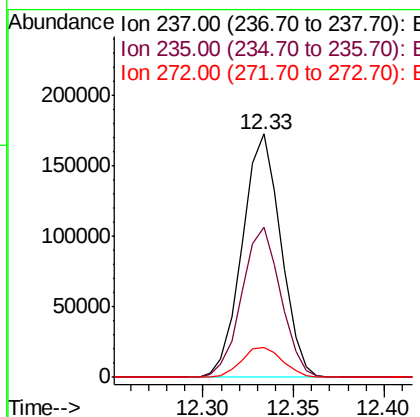
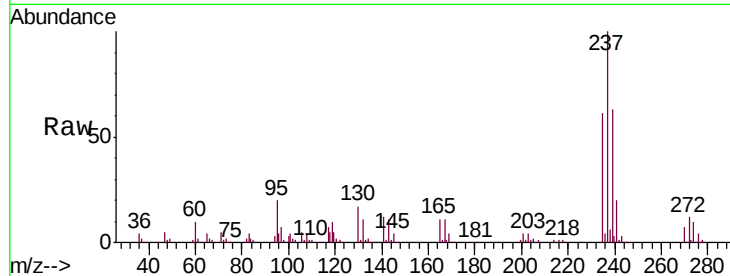




#37
Hexachlorocyclopentadiene
Concen: 30.800 ng/ul
RT: 12.33 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

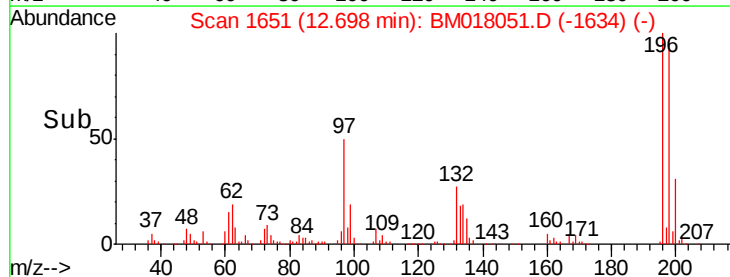
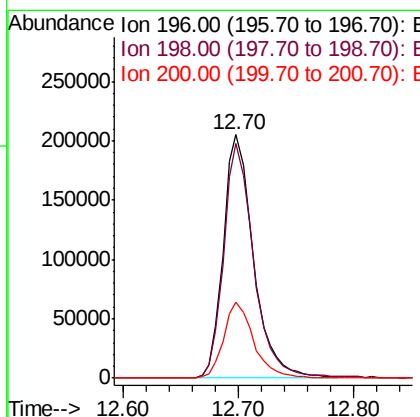
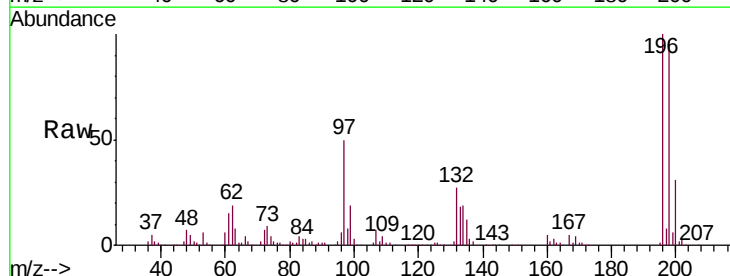
Instrument :
BNA_M
ClientSampleId :
A4131

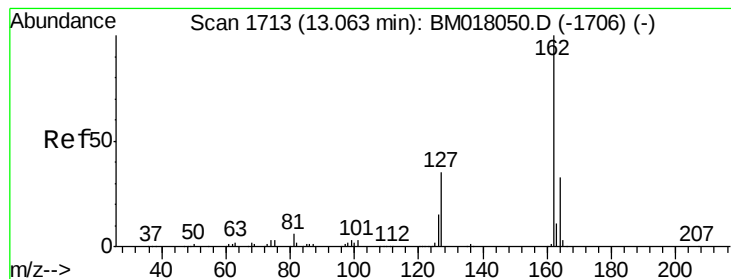
Tgt Ion:237 Resp: 255934
Ion Ratio Lower Upper
237 100
235 61.5 48.6 73.0
272 12.3 9.4 14.0



#39
2,4,5-Trichlorophenol
Concen: 41.728 ng/ul
RT: 12.70 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

Tgt Ion:196 Resp: 373721
Ion Ratio Lower Upper
196 100
198 96.5 77.2 115.8
200 31.0 25.8 38.8

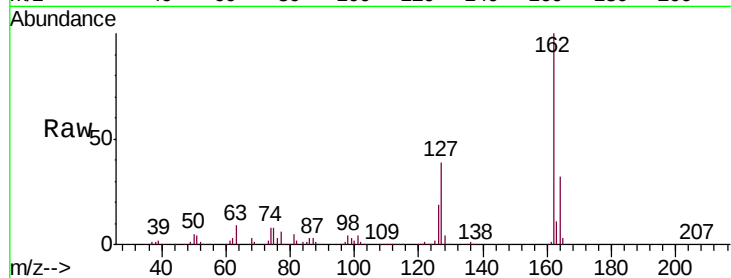




#41
2-Chloronaphthalene
Concen: 19.766 ng/ul
RT: 13.06 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

Instrument :
BNA_M
ClientSampleId :
A4131

Tgt Ion	Ratio	Lower	Upper
162	100		
164	31.7	26.1	39.1
127	39.0	31.8	47.8

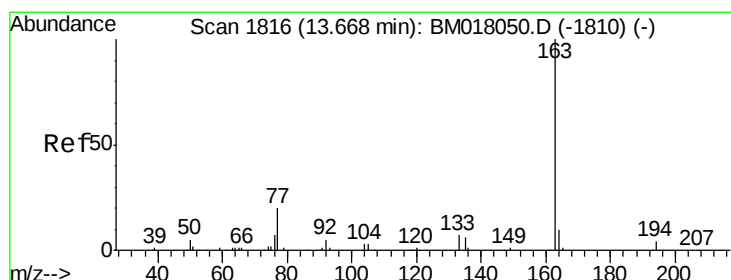
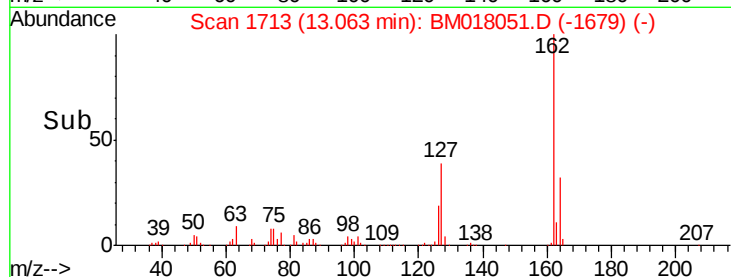
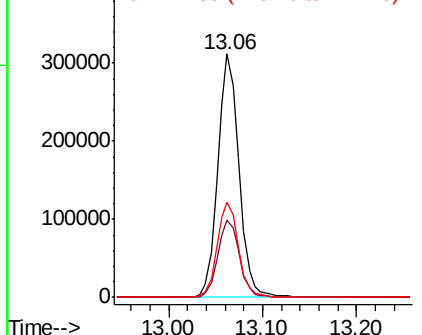


Abundance

Ion 162.00 (161.70 to 162.70): E

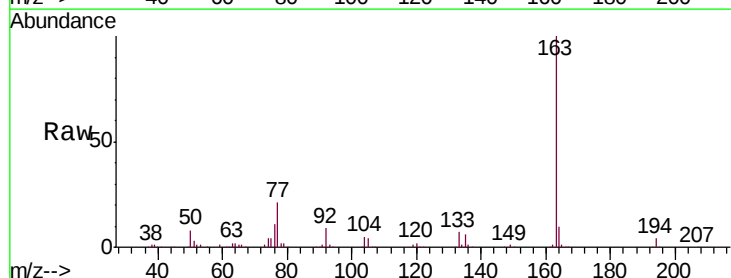
Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#44
Dimethylphthalate
Concen: 19.484 ng/ul
RT: 13.67 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.2	8.1	12.1

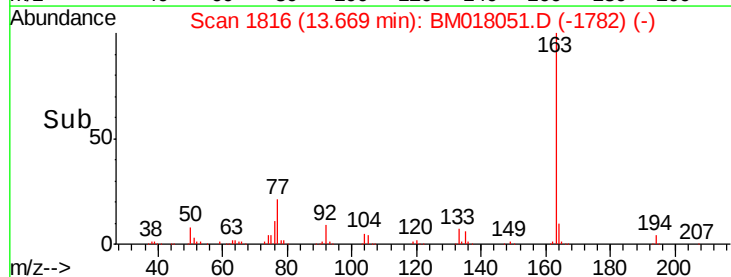
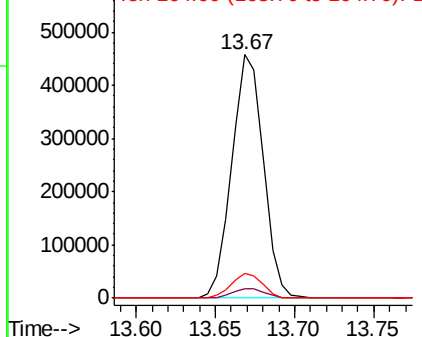


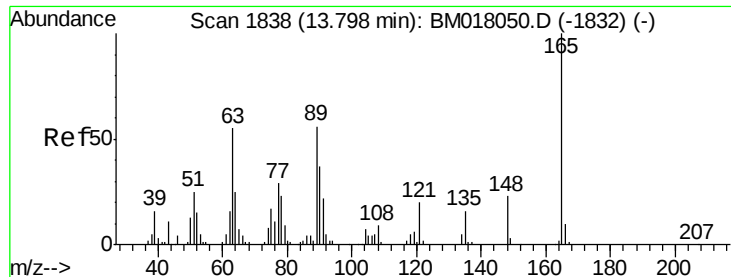
Abundance

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

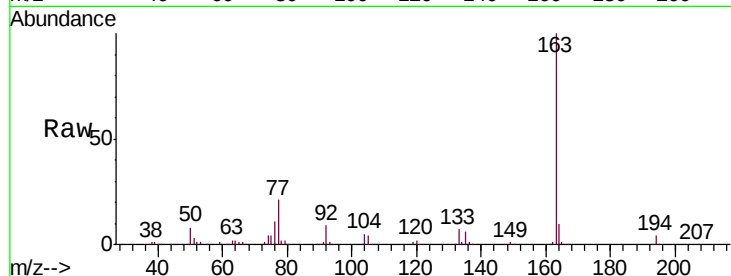




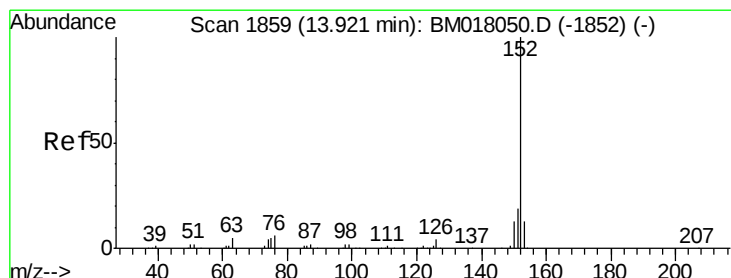
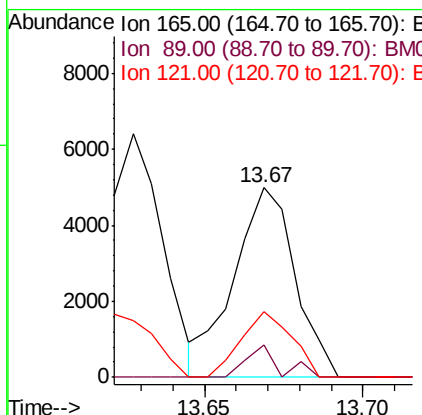
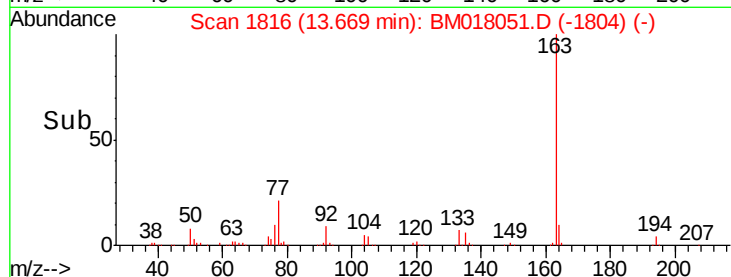
#45
2,6-Dinitrotoluene
Concen: 1.048 ng/ul
RT: 13.67 min Scan# 1816
Delta R.T. -0.13 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

Instrument :
BNA_M
ClientSampleId :
A4131

Tgt Ion:165 Resp: 6682
Ion Ratio Lower Upper
165 100
89 17.2 48.0 72.0#
121 34.6 17.0 25.6#

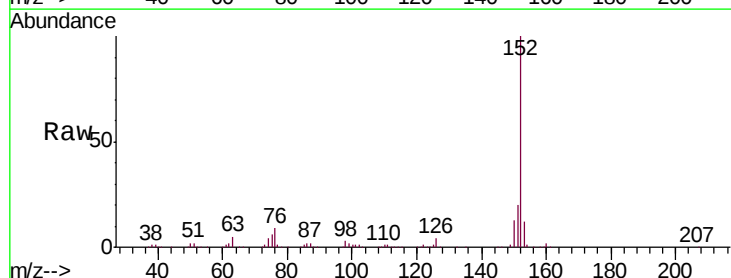


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM
Ion 121.00 (120.70 to 121.70): E

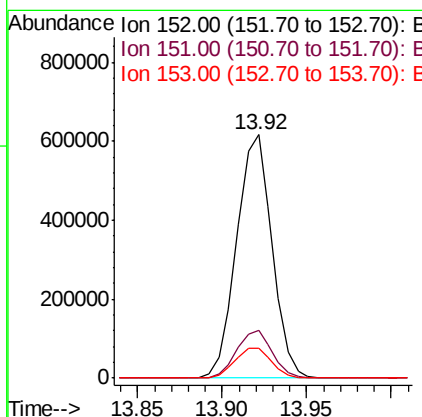
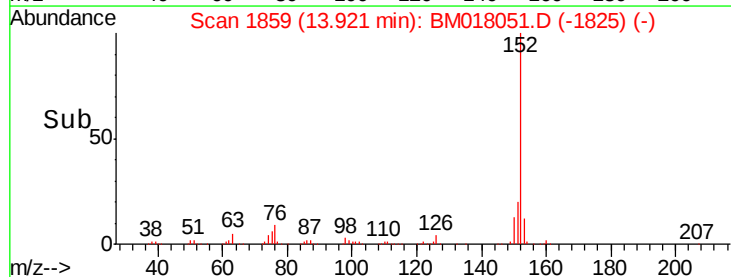


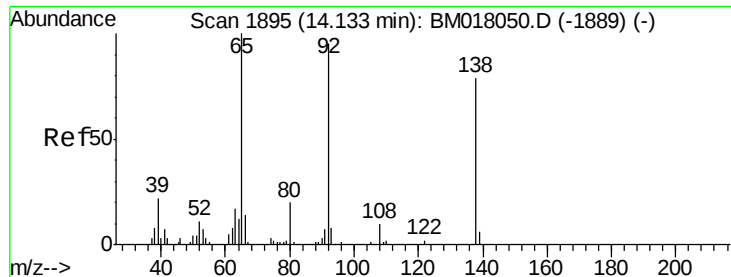
#47
Acenaphthylene
Concen: 23.766 ng/ul
RT: 13.92 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

Tgt Ion:152 Resp: 900062
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 12.0 10.4 15.6



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





#48

3-Nitroaniline

Concen: 55.705 ng/ul

RT: 14.13 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

Instrument :

BNA_M

ClientSampleId :

A4131

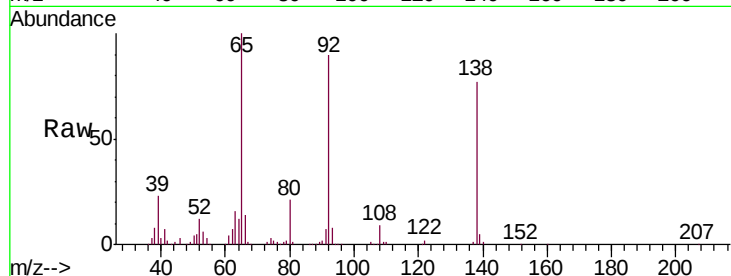
Tgt Ion:138 Resp: 338977

Ion Ratio Lower Upper

138 100

108 11.7 9.0 13.4

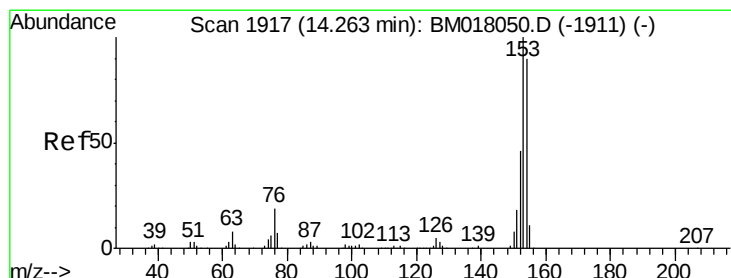
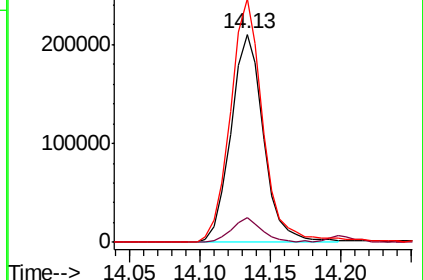
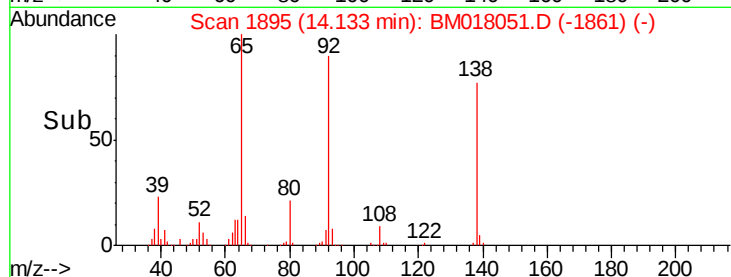
92 117.0 98.8 148.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#49

Acenaphthene

Concen: 33.205 ng/ul

RT: 14.26 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

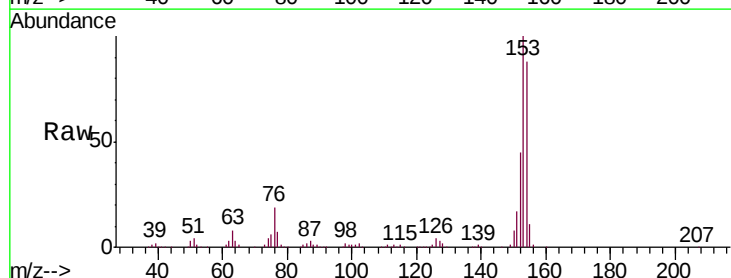
Tgt Ion:153 Resp: 906307

Ion Ratio Lower Upper

153 100

152 45.4 37.0 55.6

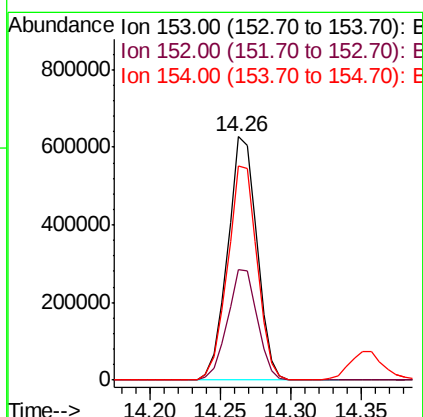
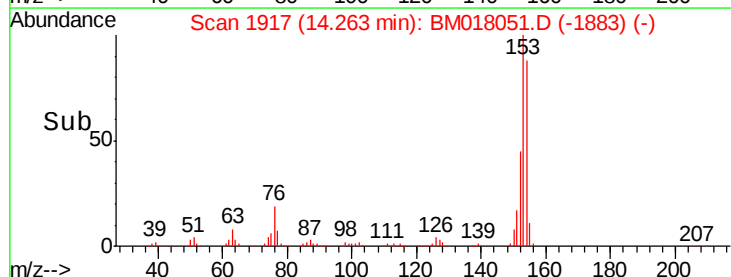
154 87.9 70.6 106.0

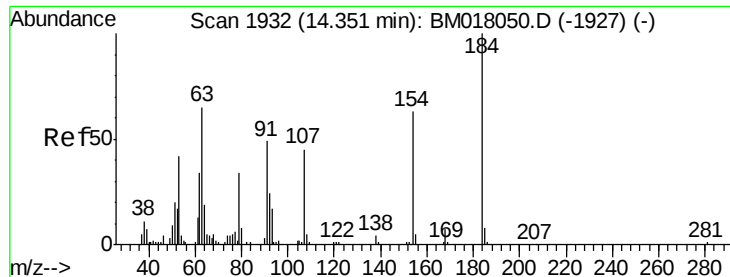


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

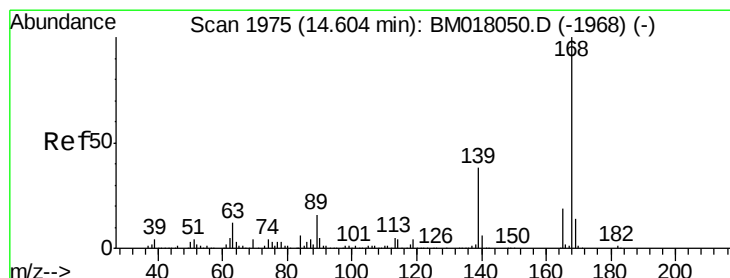
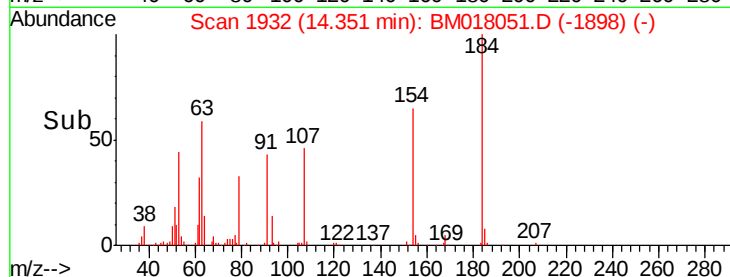
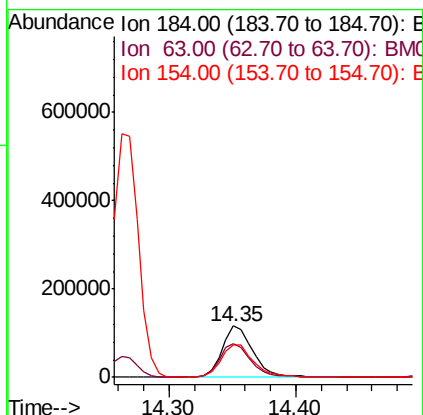
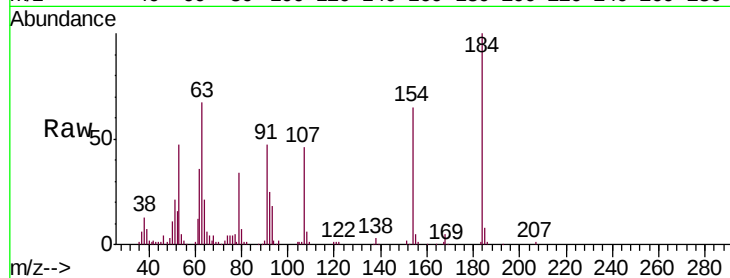




#50
2,4-Dinitrophenol
Concen: 45.689 ng/ul
RT: 14.35 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

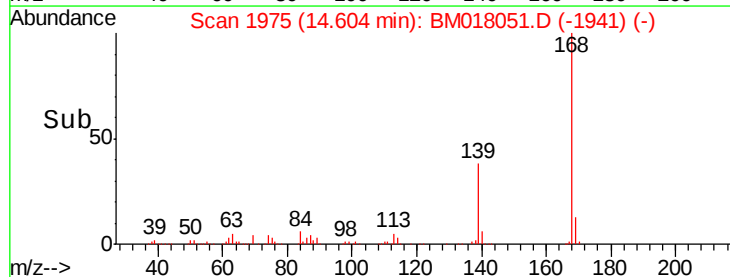
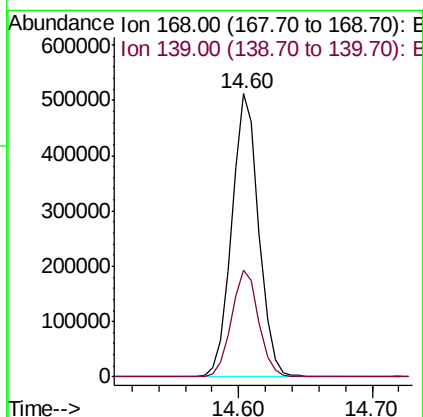
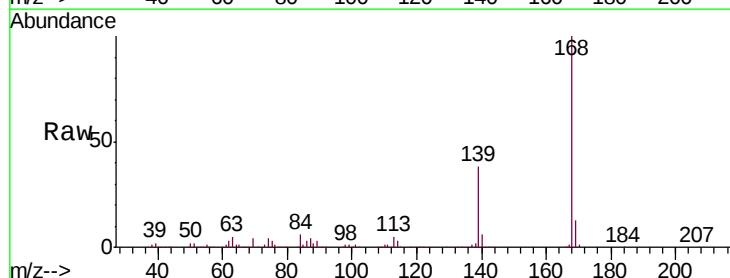
Instrument :
BNA_M
ClientSampleId :
A4131

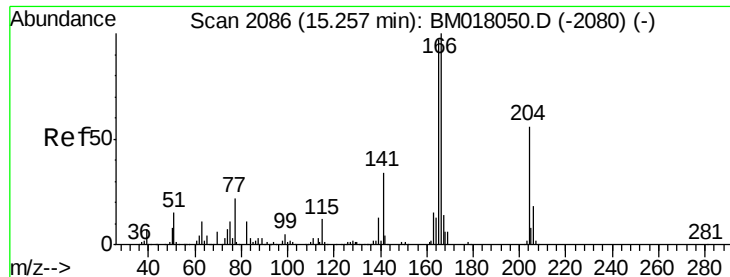
Tgt Ion:184 Resp: 197597
Ion Ratio Lower Upper
184 100
63 66.5 54.4 81.6
154 64.6 51.1 76.7



#53
Dibenzofuran
Concen: 18.651 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

Tgt Ion:168 Resp: 720353
Ion Ratio Lower Upper
168 100
139 37.6 30.6 46.0





#58

Fluorene

Concen: 7.610 ng/ul

RT: 15.26 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

Instrument :

BNA_M

ClientSampleId :

A4131

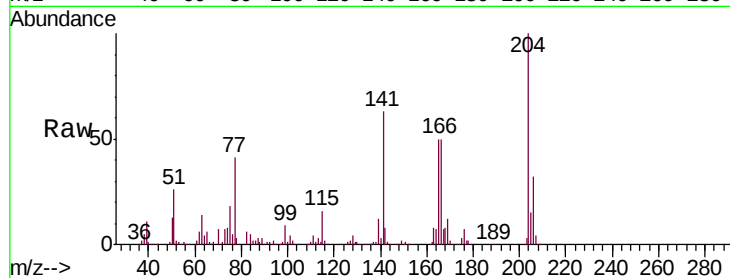
Tgt Ion:166 Resp: 245116

Ion Ratio Lower Upper

166 100

165 99.0 78.0 117.0

167 14.6 10.8 16.2

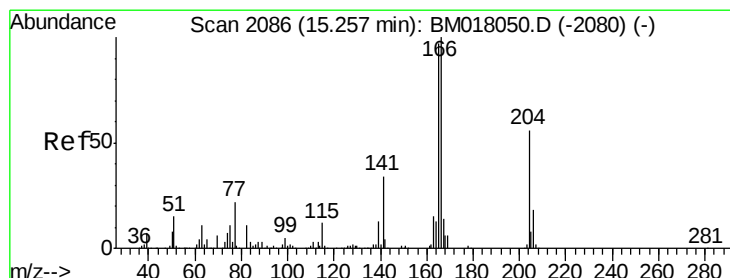
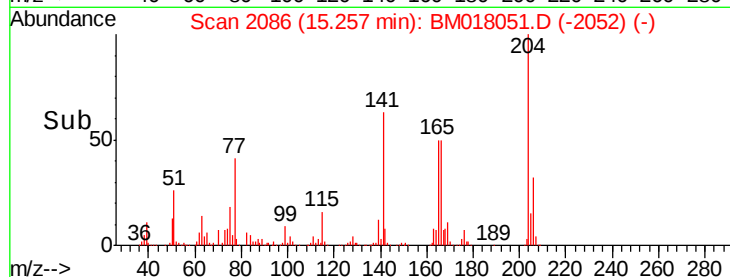
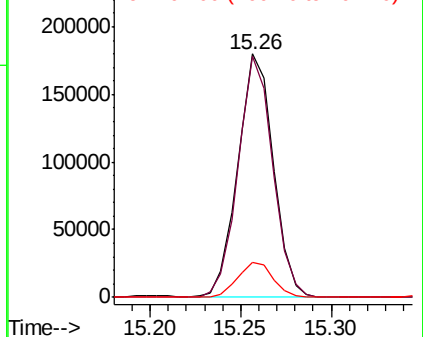


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

4-Chlorophenyl-phenylether

Concen: 29.642 ng/ul

RT: 15.26 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

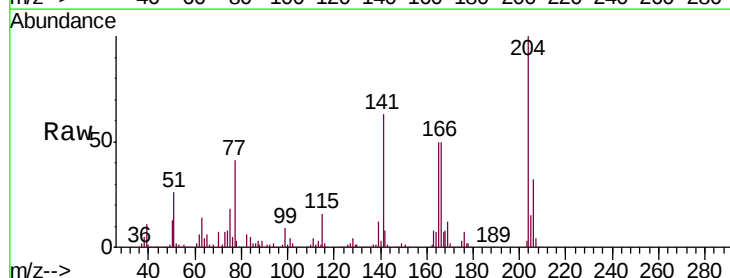
Tgt Ion:204 Resp: 490415

Ion Ratio Lower Upper

204 100

206 32.3 25.6 38.4

141 62.7 49.8 74.6

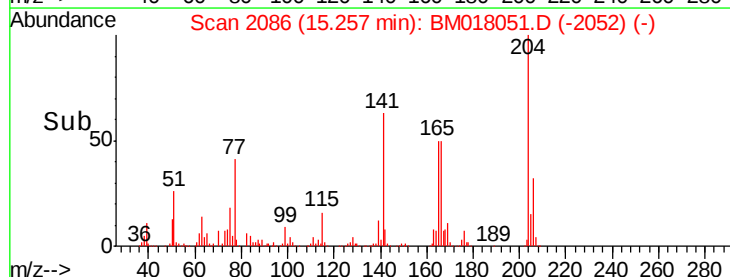
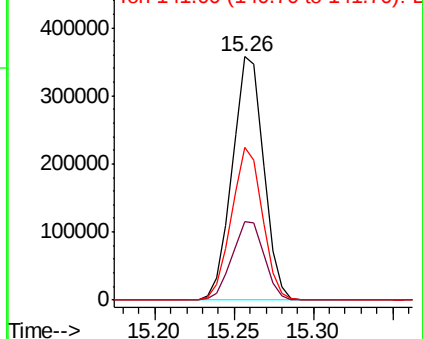


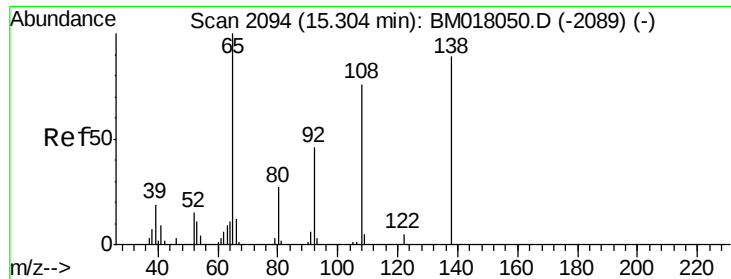
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

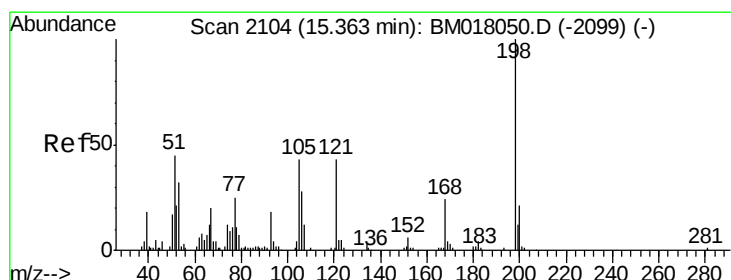
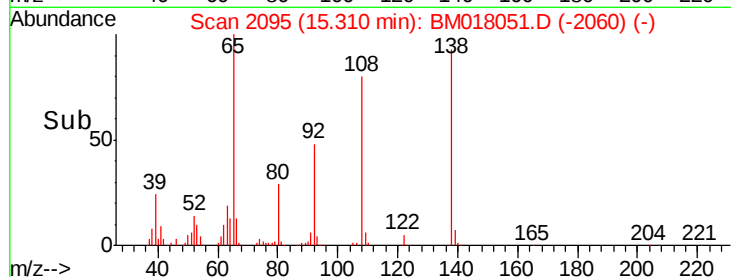
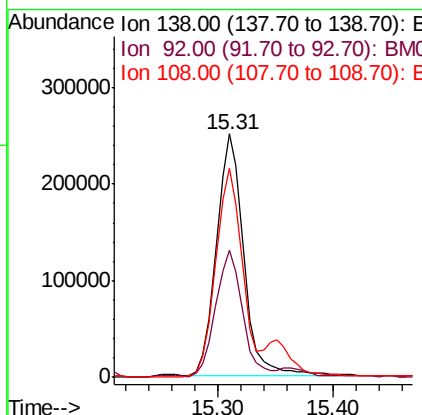
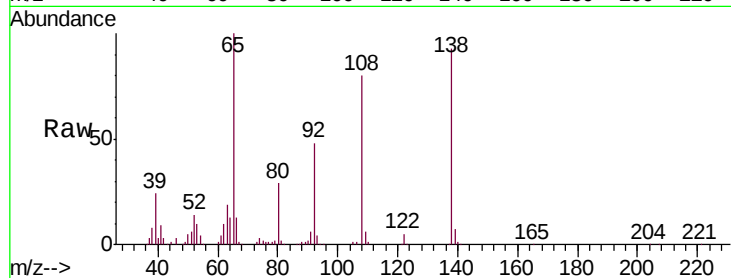




#60
4-Nitroaniline
Concen: 60.749 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

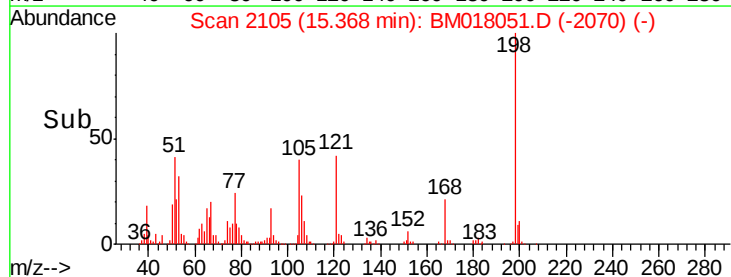
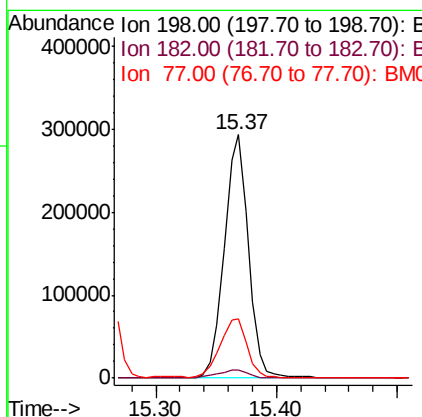
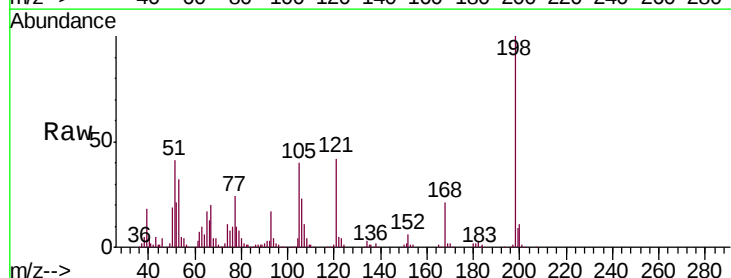
Instrument :
BNA_M
ClientSampleId :
A4131

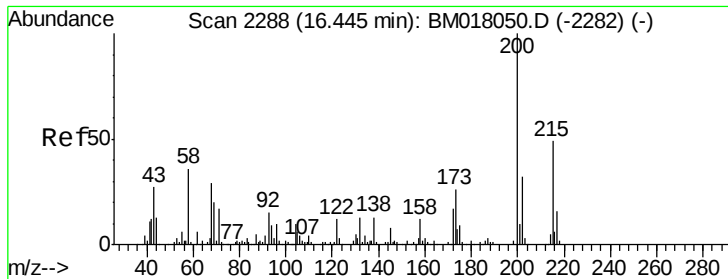
Tgt Ion:138 Resp: 410966
Ion Ratio Lower Upper
138 100
92 52.0 42.8 64.2
108 86.0 70.2 105.4



#63
4,6-Dinitro-2-methylphenol
Concen: 69.589 ng/ul
RT: 15.37 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

Tgt Ion:198 Resp: 404964
Ion Ratio Lower Upper
198 100
182 3.4 3.5 5.3#
77 24.2 24.6 36.8#

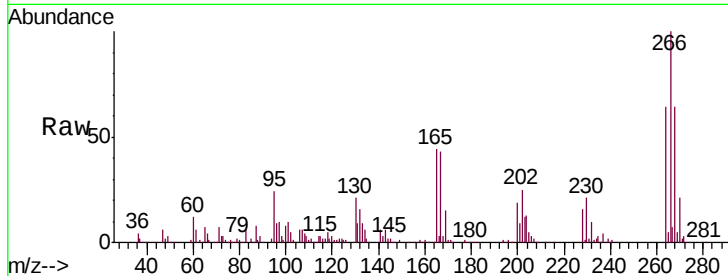




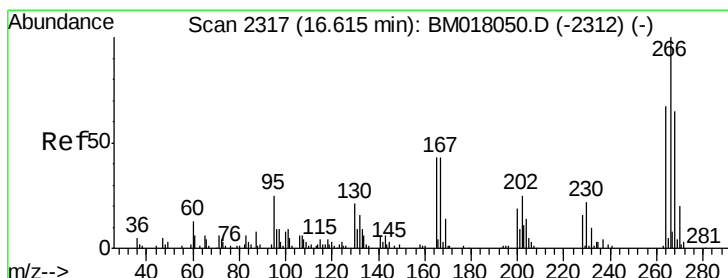
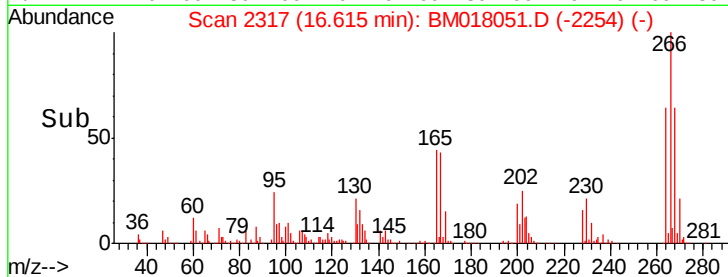
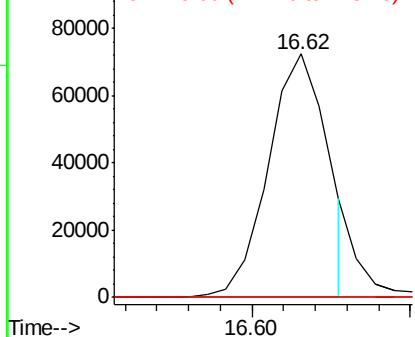
#67
Atrazine
Concen: 10.430 ng/ul
RT: 16.62 min Scan# 2317
Delta R.T. 0.17 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

Instrument :
BNA_M
ClientSampleId :
A4131

Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	21.0	31.6#
215	0.0	38.2	57.2#

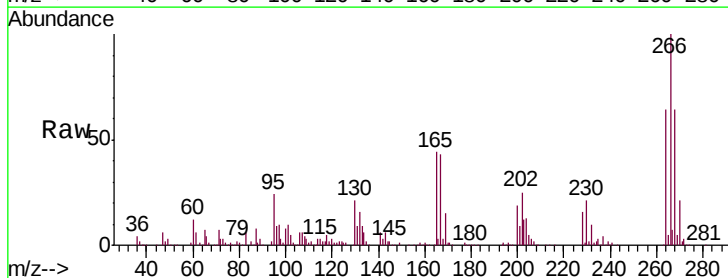


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

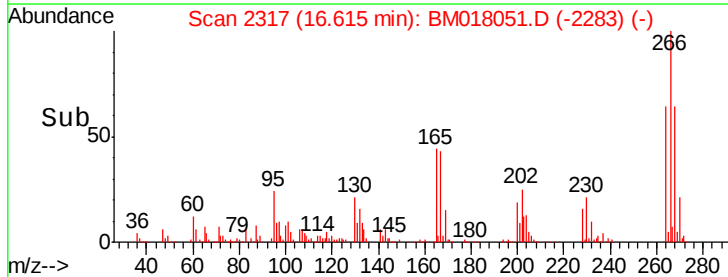
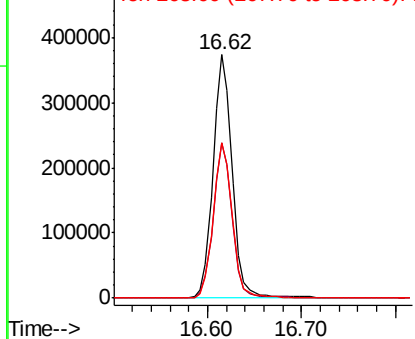


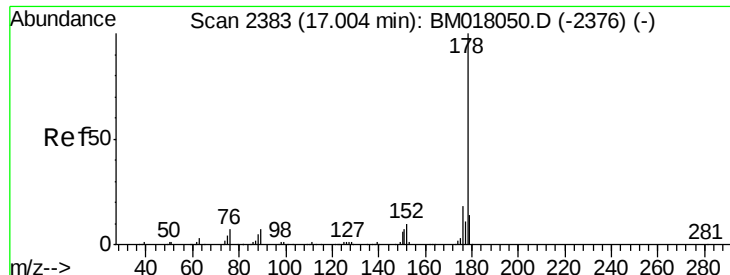
#68
Pentachlorophenol
Concen: 86.145 ng/ul
RT: 16.62 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.2	75.2
268	63.6	49.8	74.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 33.357 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. 0.09 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

Instrument :

BNA_M

ClientSampleId :

A4131

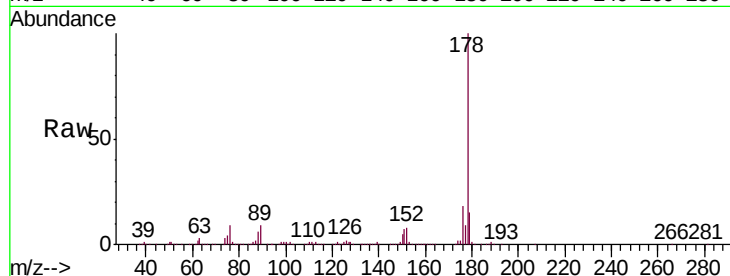
Tgt Ion:178 Resp: 1506737

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

176 18.1 15.0 22.6

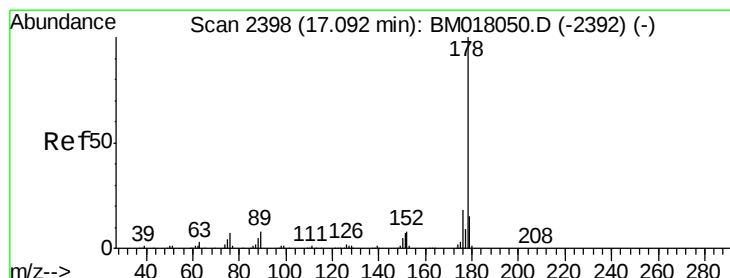
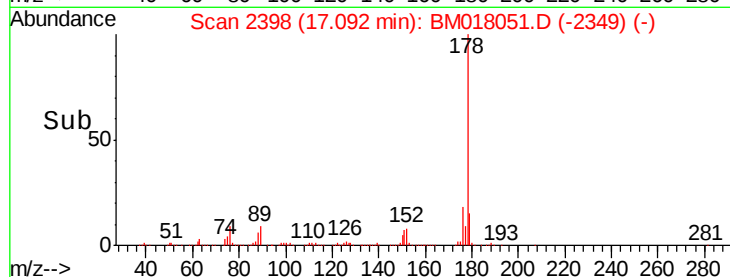
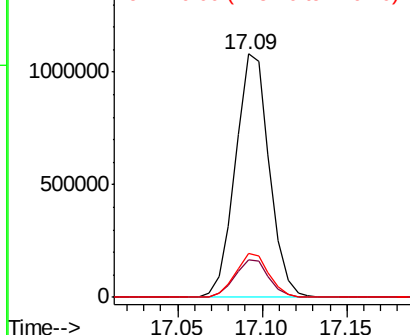


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 32.617 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

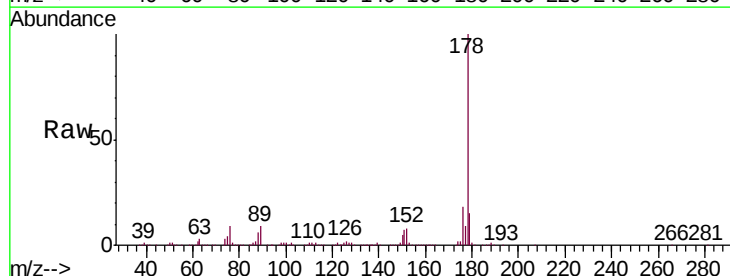
Tgt Ion:178 Resp: 1506737

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 18.1 14.8 22.2

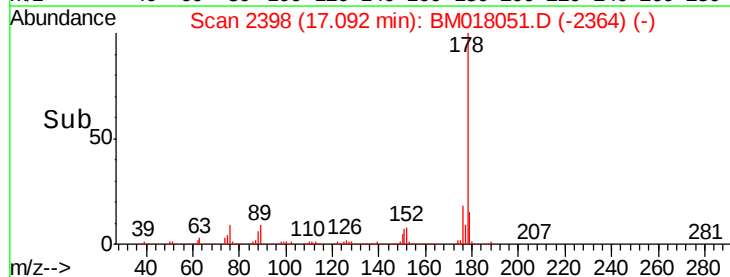
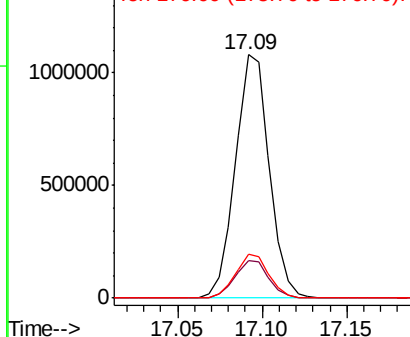


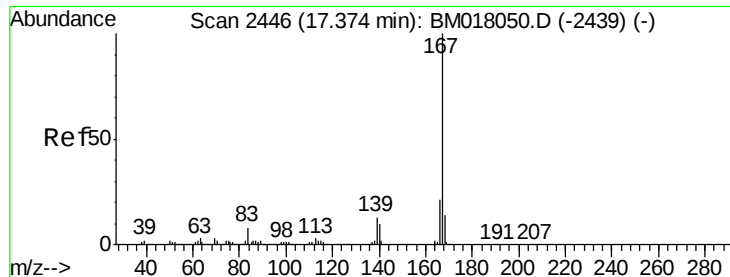
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 37.761 ng/ul

RT: 17.37 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

Instrument :

BNA_M

ClientSampleId :

A4131

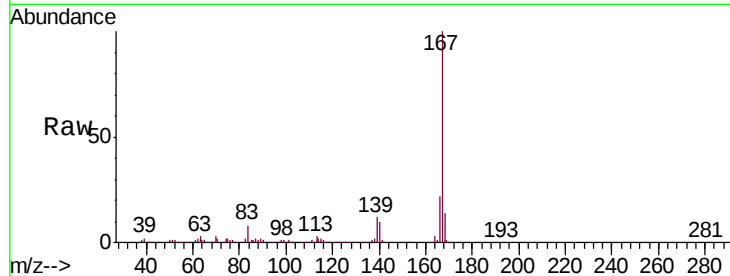
Tgt Ion:167 Resp: 1537066

Ion Ratio Lower Upper

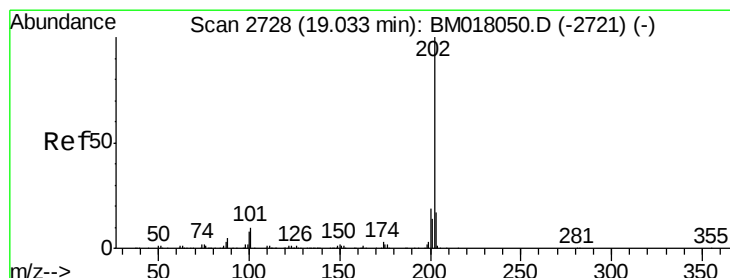
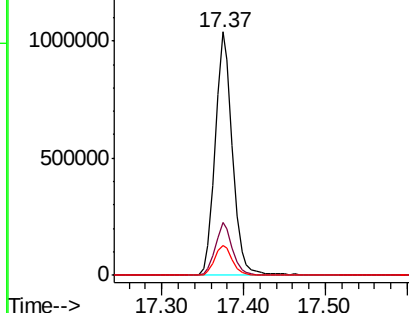
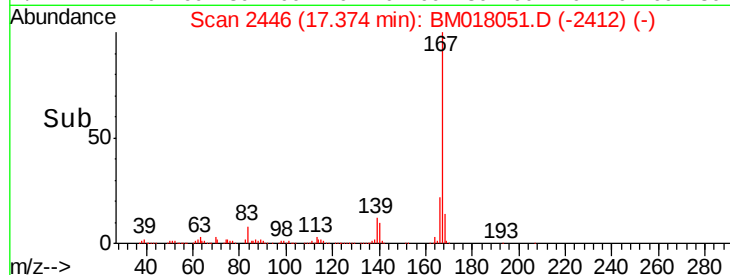
167 100

166 21.6 17.0 25.4

139 12.5 10.5 15.7



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



#76

Fluoranthene

Concen: 16.356 ng/ul

RT: 19.03 min Scan# 2727

Delta R.T. -0.01 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

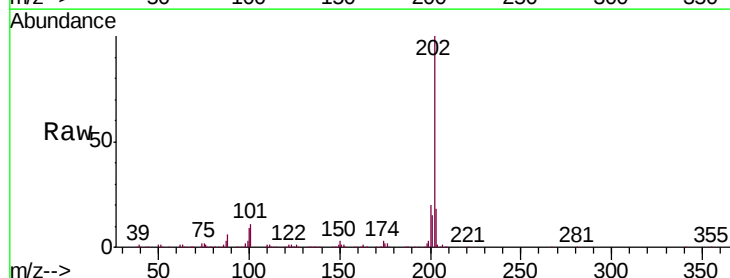
Tgt Ion:202 Resp: 868984

Ion Ratio Lower Upper

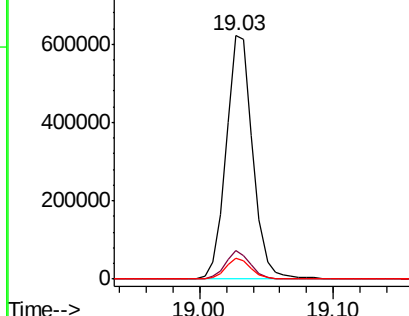
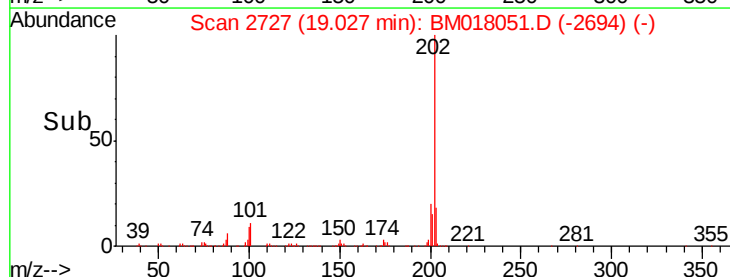
202 100

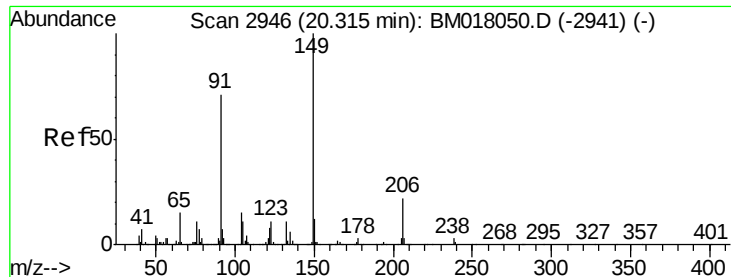
101 11.5 8.4 12.6

100 8.5 6.6 9.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

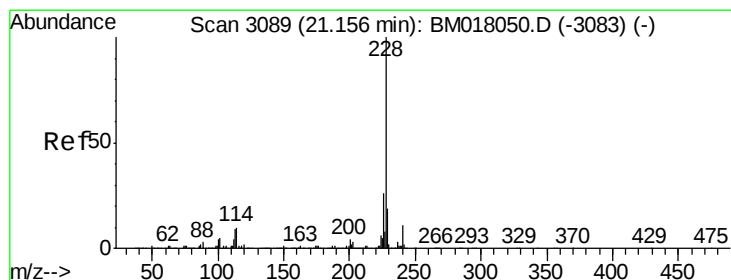
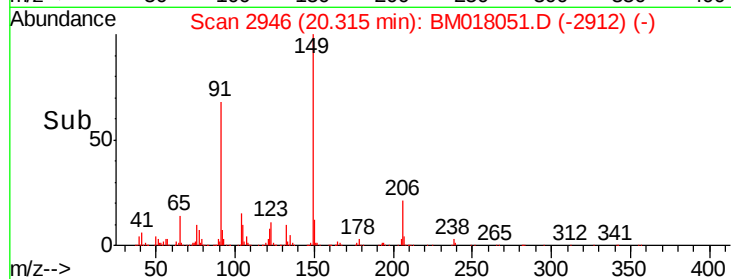
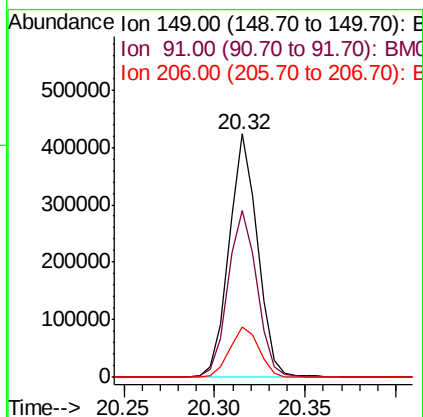
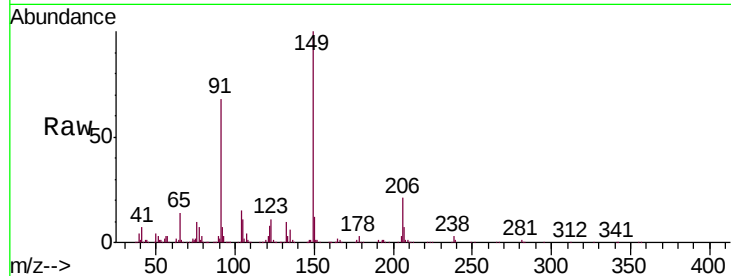




#80
Butylbenzylphthalate
Concen: 28.747 ng/ul
RT: 20.32 min Scan# 2946
Delta R.T. 0.00 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

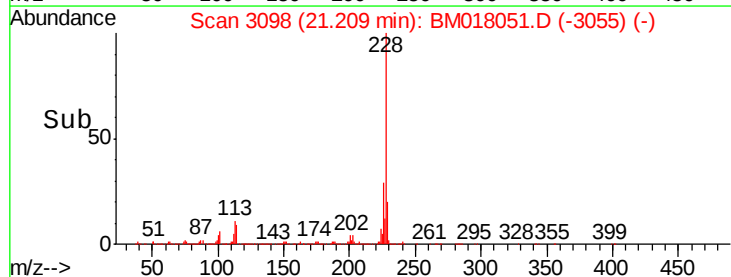
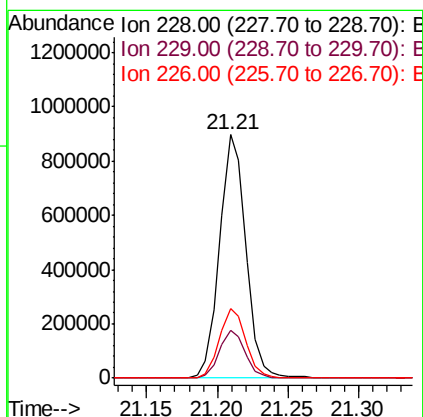
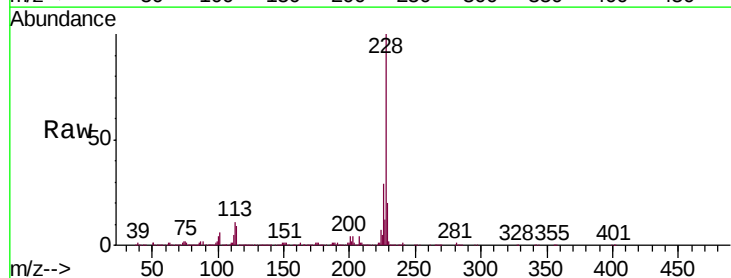
Instrument :
BNA_M
ClientSampleId :
A4131

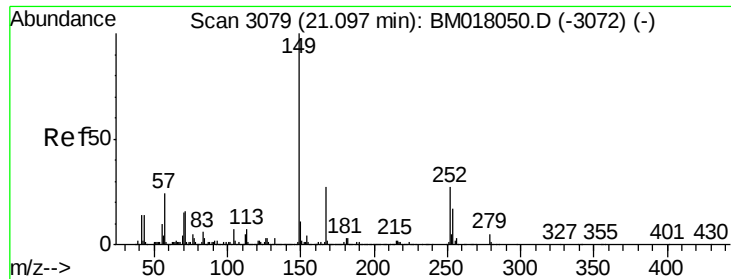
Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.4	58.0	87.0
206	20.9	16.6	24.8



#82
Benzo(a)anthracene
Concen: 30.196 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.05 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.0	24.0
226	28.8	21.0	31.6

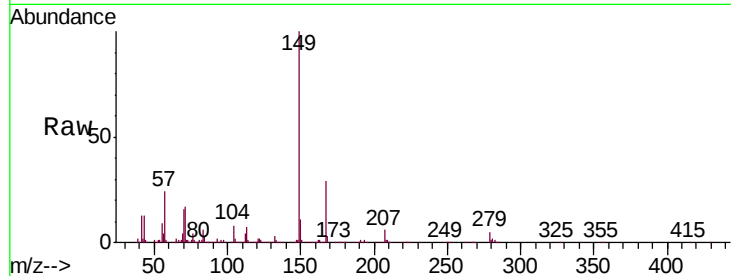




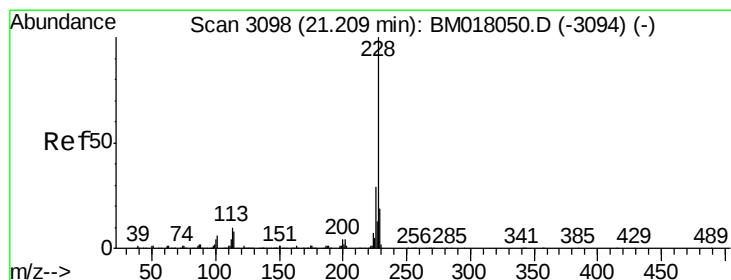
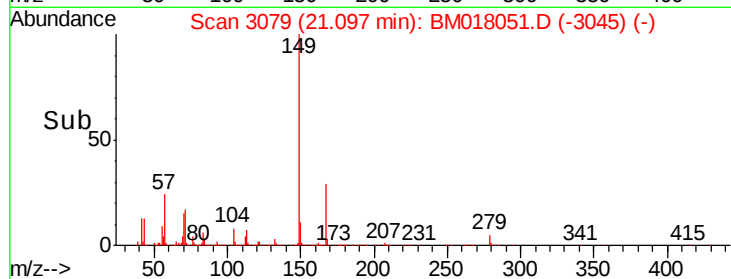
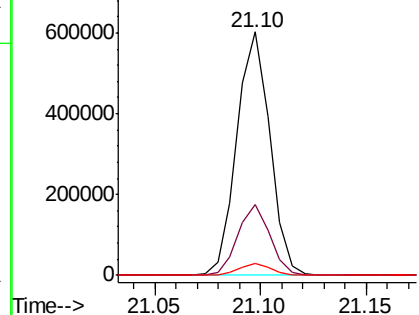
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.298 ng/ul
 RT: 21.10 min Scan# 3079
 Delta R.T. 0.00 min
 Lab File: BM018051.D
 Acq: 11 Dec 2018 11:18

Instrument :
 BNA_M
 ClientSampleId :
 A4131

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	21.9	32.9
279	4.9	3.6	5.4

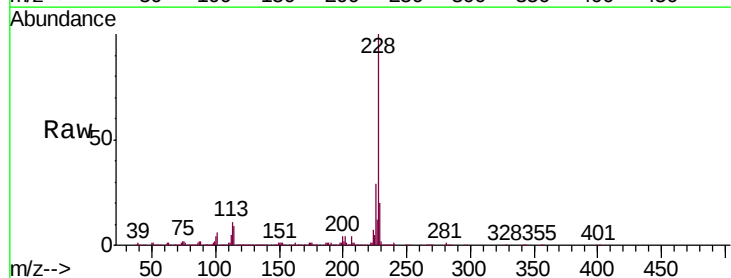


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

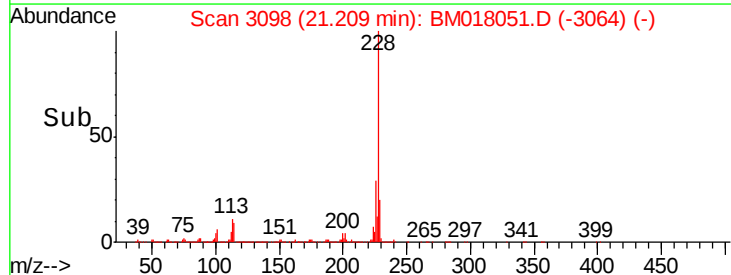
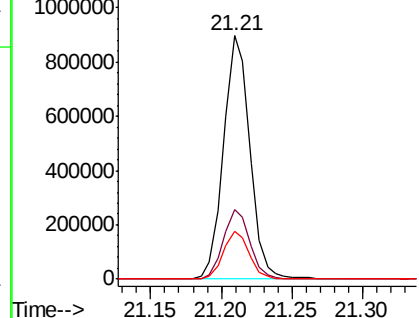


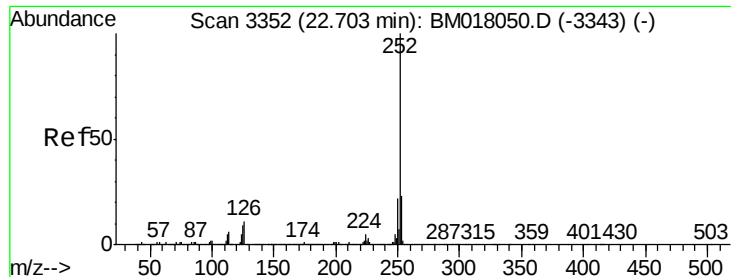
#84
 Chrysene
 Concen: 32.288 ng/ul
 RT: 21.21 min Scan# 3098
 Delta R.T. 0.00 min
 Lab File: BM018051.D
 Acq: 11 Dec 2018 11:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.7	35.5
229	19.7	15.8	23.8



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





#87

Benzo(b)fluoranthene

Concen: 37.266 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. 0.04 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

Instrument :

BNA_M

ClientSampleId :

A4131

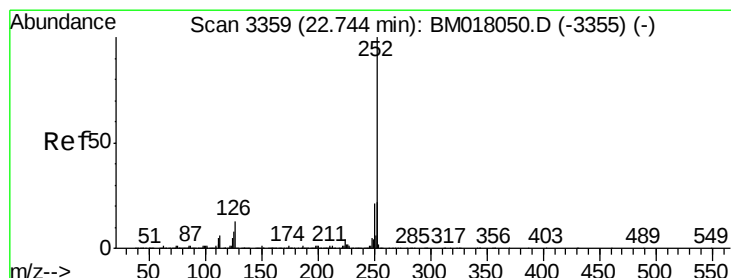
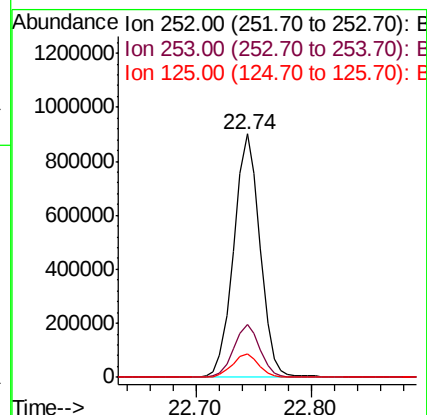
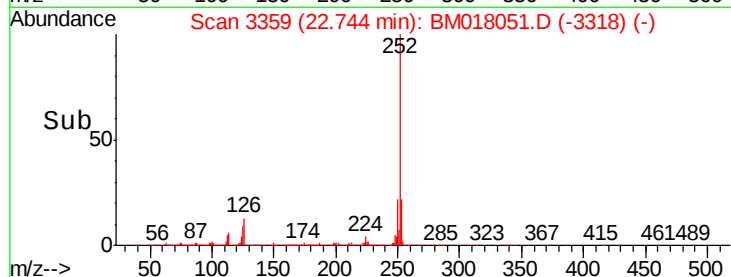
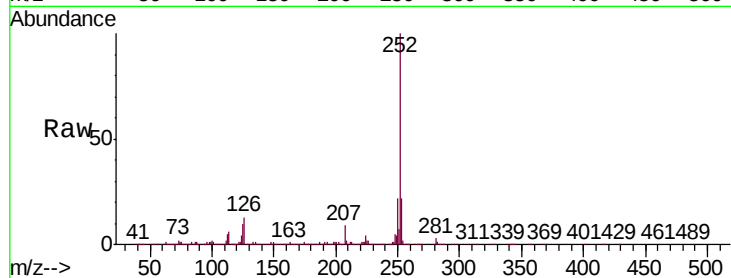
Tgt Ion:252 Resp: 1419940

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 9.6 7.3 10.9



#88

Benzo(k)fluoranthene

Concen: 38.343 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

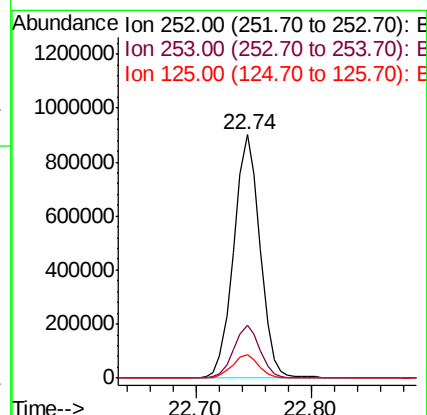
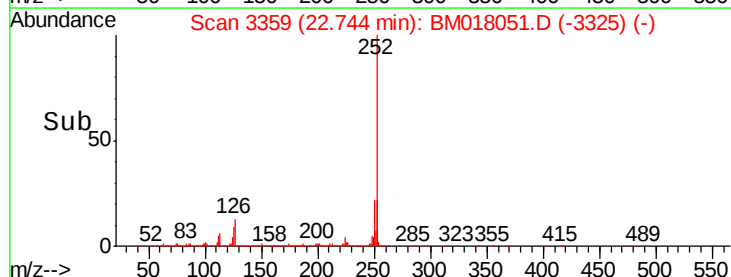
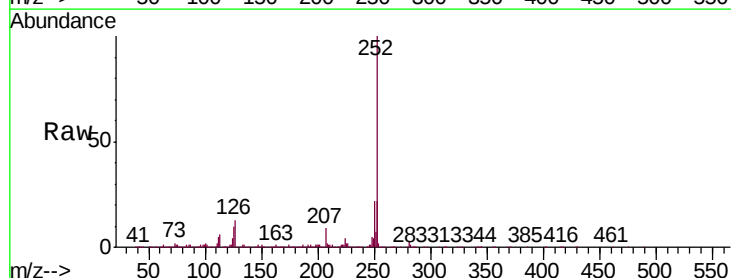
Tgt Ion:252 Resp: 1419940

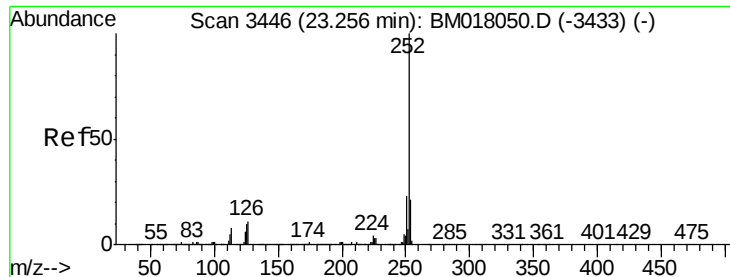
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.6 7.1 10.7





#90

Benzo(a)pyrene

Concen: 38.276 ng/ul

RT: 23.26 min Scan# 3446

Delta R.T. 0.00 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

Instrument :

BNA_M

ClientSampleId :

A4131

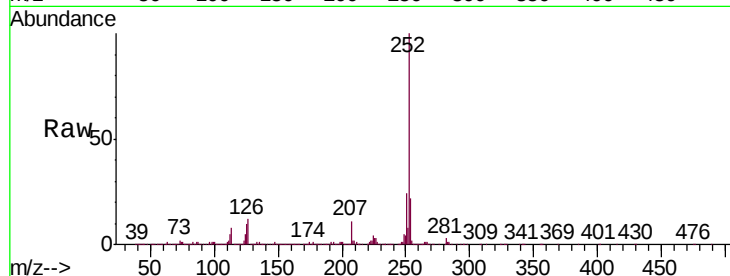
Tgt Ion:252 Resp: 1383068

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 10.2 7.9 11.9

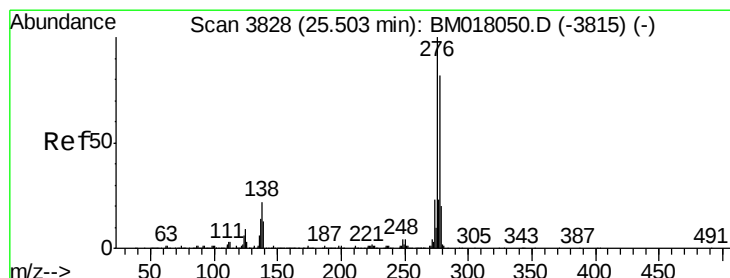
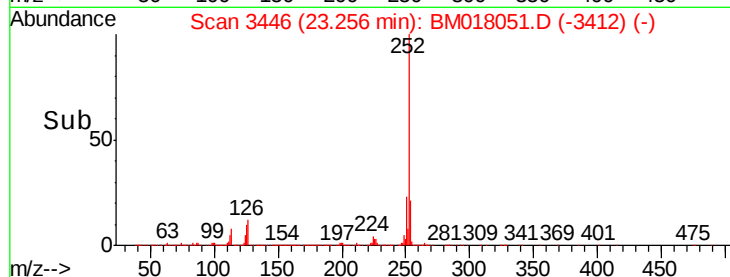
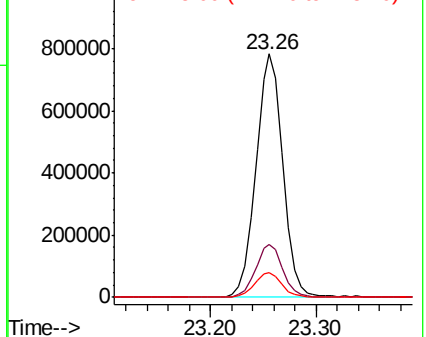


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 17.052 ng/ul

RT: 25.50 min Scan# 3828

Delta R.T. 0.00 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

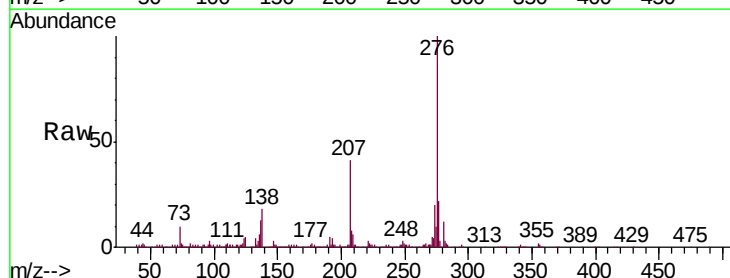
Tgt Ion:276 Resp: 652876

Ion Ratio Lower Upper

276 100

138 17.6 18.2 27.2#

277 22.4 20.2 30.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

