

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
 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 00:32:39 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

					Ovalue
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
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
53) Dibenzofuran	14.60	168	720353	18.651	ng/ul 99

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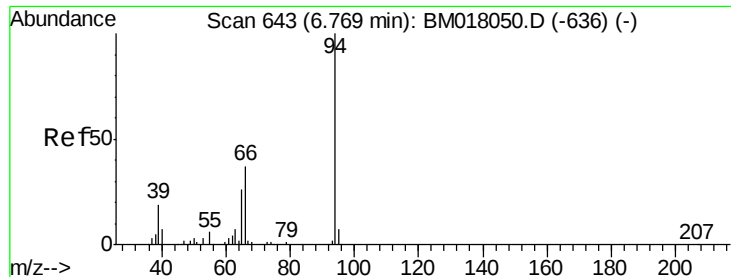
Instrument :
 BNA_M
 ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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
68) Pentachlorophenol	16.62	266	537694	86.145	ng/ul	99
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
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
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

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



#6

Phenol

Concen: 19.474 ng/ul

RT: 6.77 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM018051.D

Acq: 11 Dec 2018 11:18

Instrument :

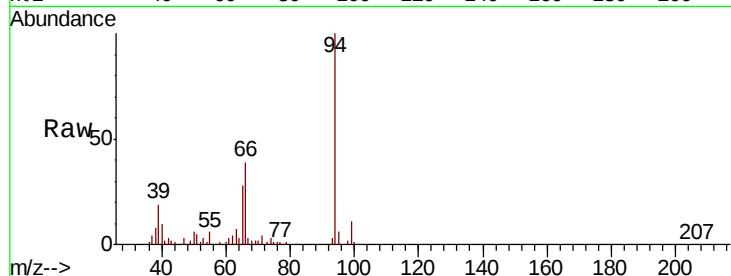
BNA_M

ClientSampleId :

A4131

Tot Ion: 94 Resp: 277960

Ion	Ratio	Lower	Upper
94	100		
65	28.0	24.7	37.1
66	38.8	34.6	51.8

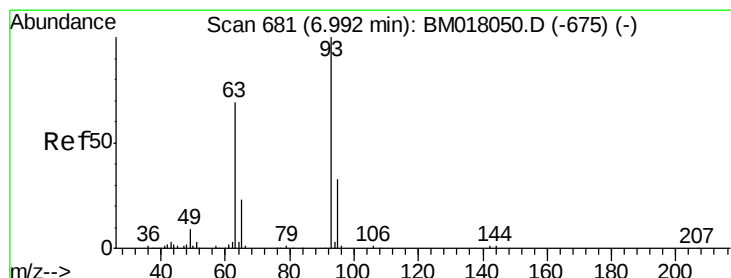
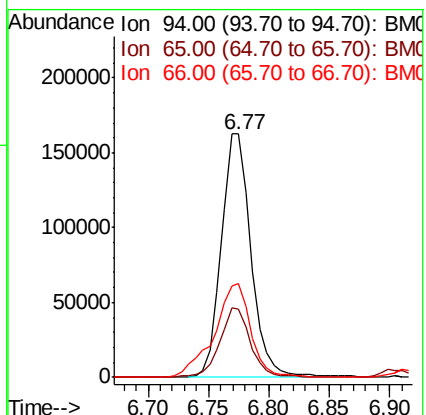
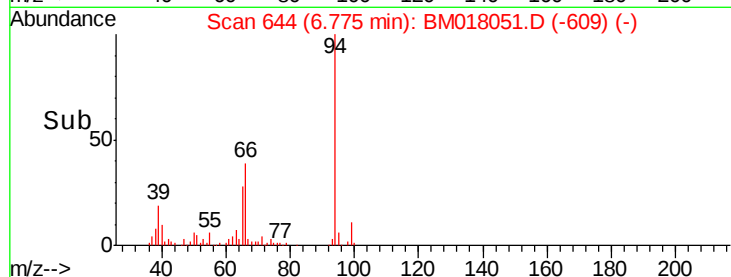


Abundance

Ion 94.00 (93.70 to 94.70): BM018051.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM018051.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM018051.D (-643) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 55.641 ng/ul

RT: 7.00 min Scan# 682

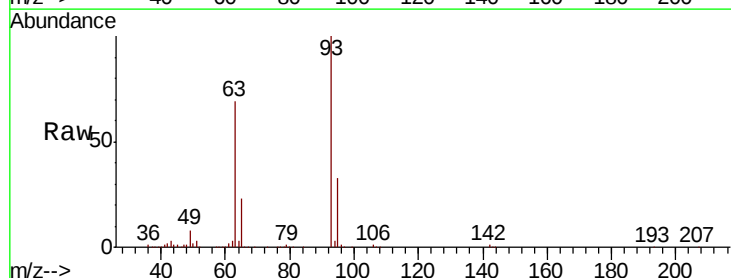
Delta R.T. 0.01 min

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

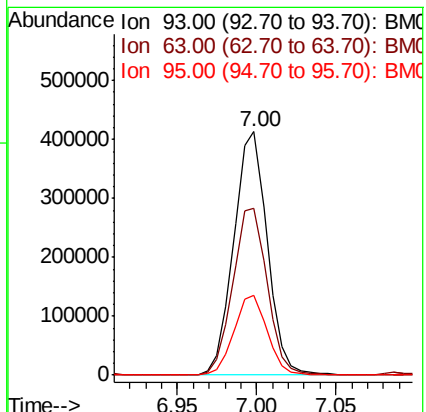
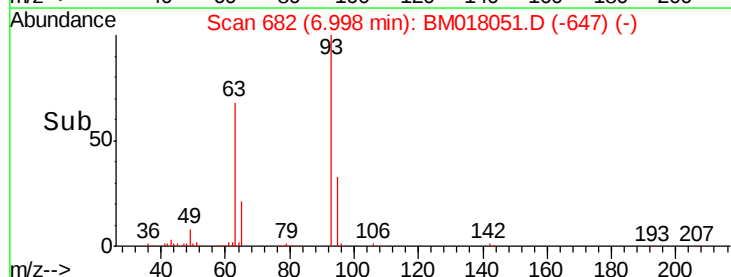


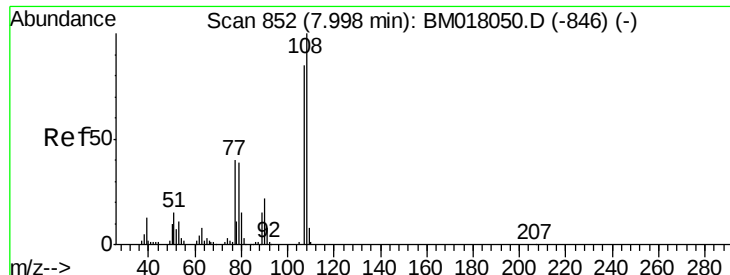
Abundance

Ion 93.00 (92.70 to 93.70): BM018051.D (-681) (-)

Ion 63.00 (62.70 to 63.70): BM018051.D (-681) (-)

Ion 95.00 (94.70 to 95.70): BM018051.D (-681) (-)

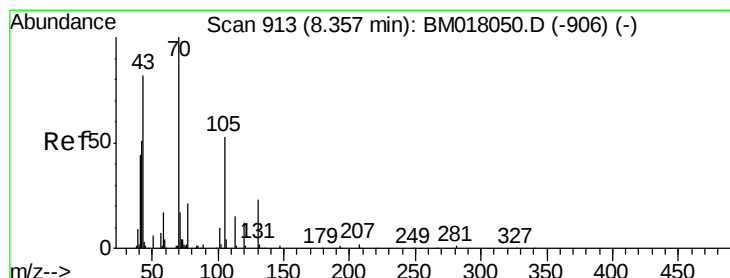
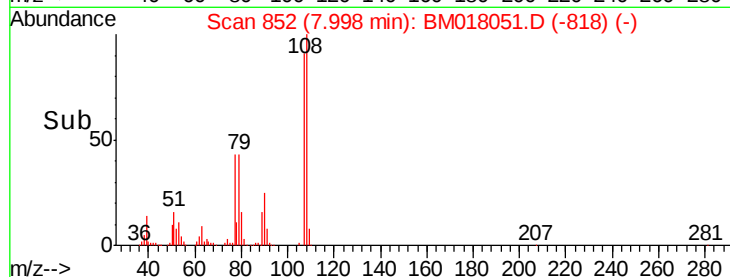
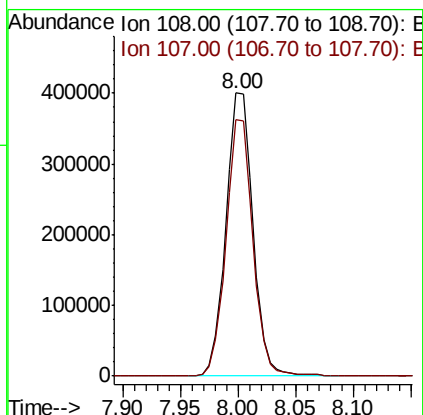
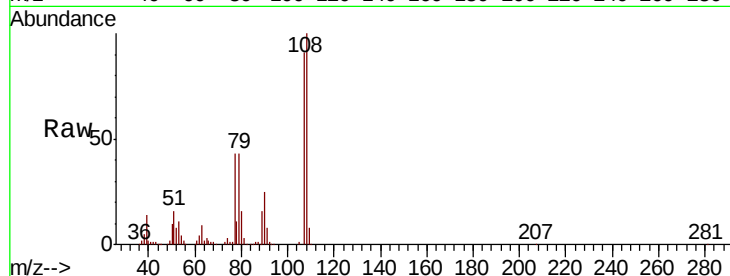




#11
2-Methylphenol
Concen: 59.654 ng/ul
RT: 8.00 min Scan# 852
Delta R.T. 0.00 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

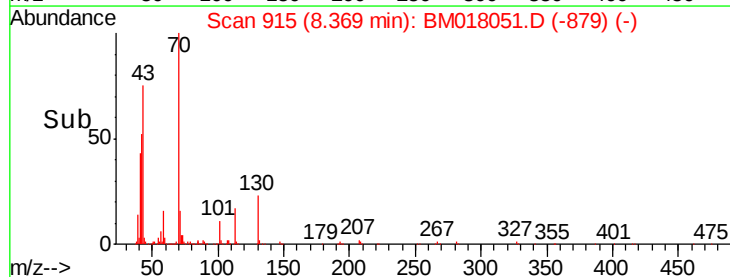
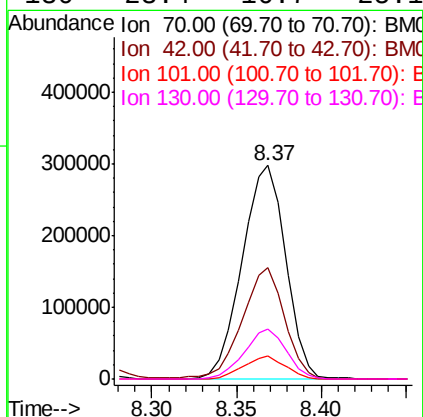
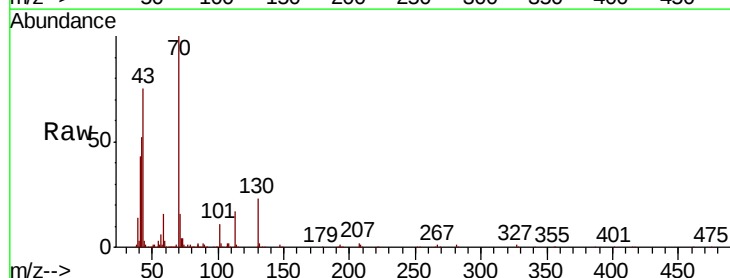
Instrument :
BNA_M
ClientSampled :
A4131

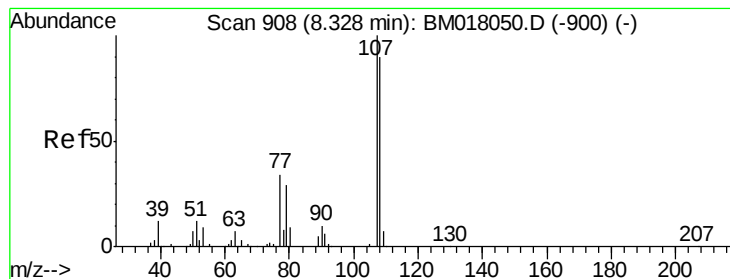
Tot Ion:108 Resp: 649632
Ion Ratio Lower Upper
108 100
107 90.8 70.8 106.2



#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





#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 :

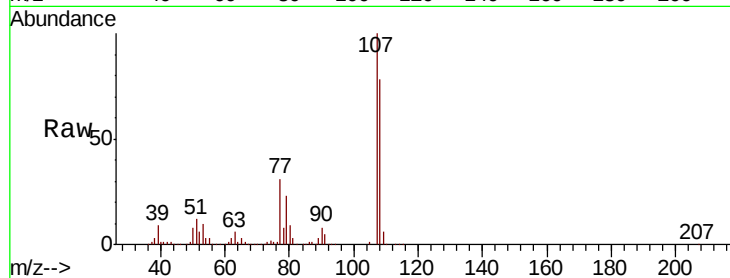
A4131

Tot 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

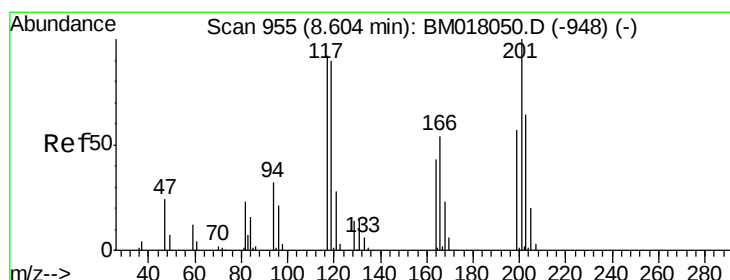
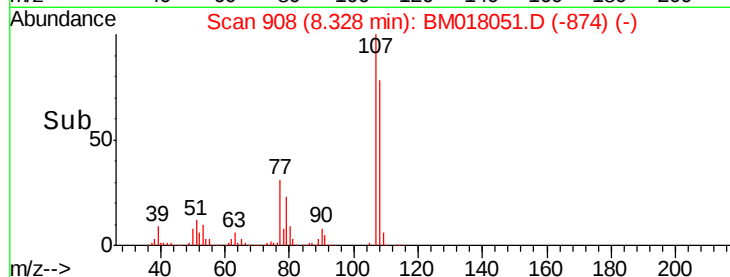
400000

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

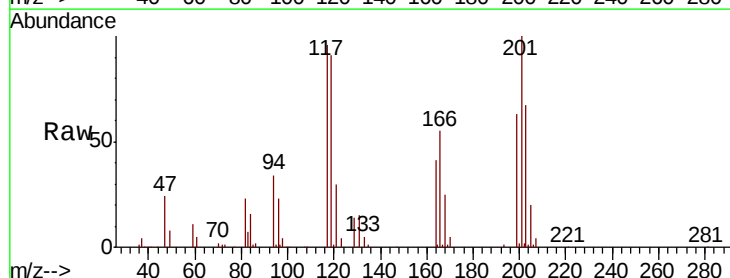
Tgt Ion:117 Resp: 176189

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

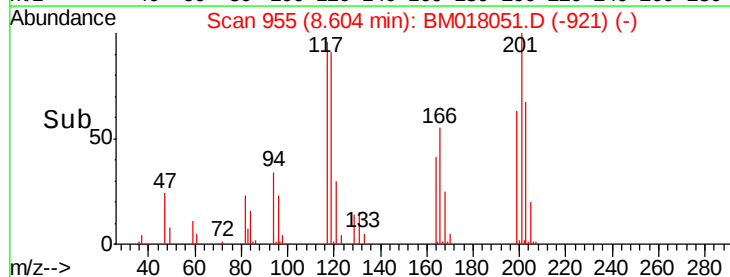
100000

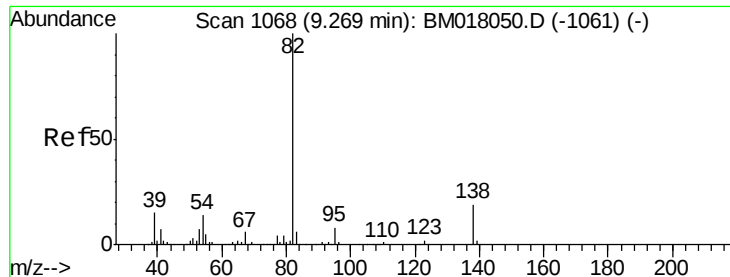
50000

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

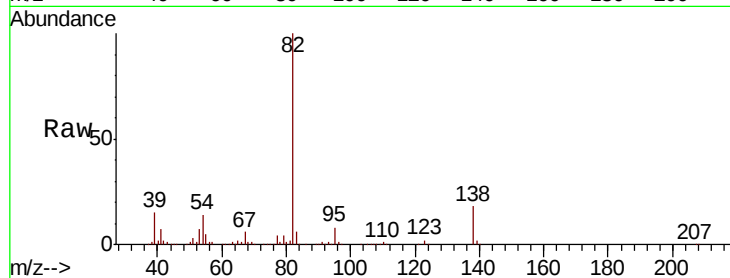
Tot Ion: 82 Resp: 913358

Ion Ratio Lower Upper

82 100

95 7.6 6.1 9.1

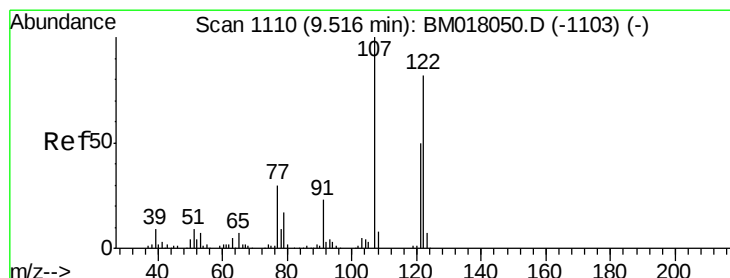
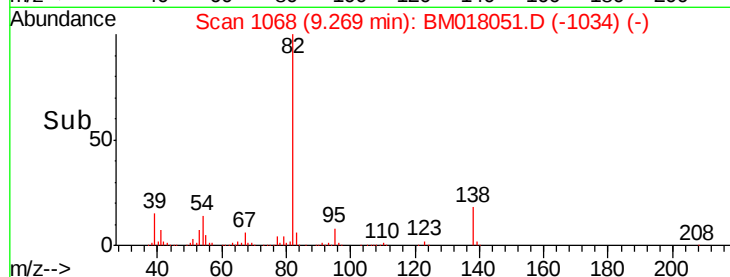
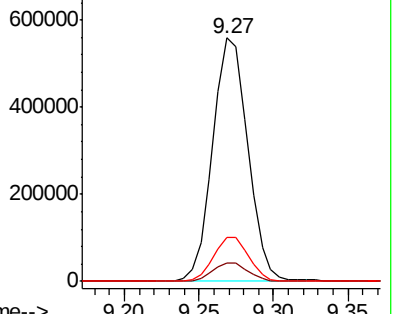
138 18.0 14.2 21.2



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

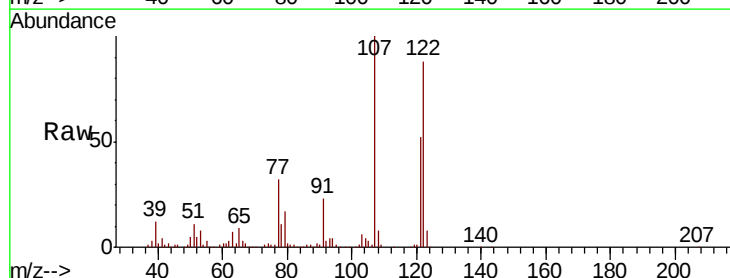
Tgt Ion: 107 Resp: 586029

Ion Ratio Lower Upper

107 100

121 51.8 39.6 59.4

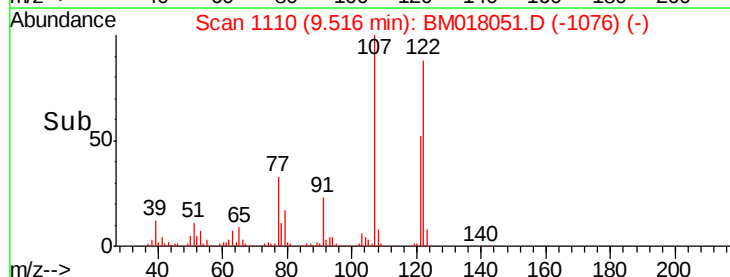
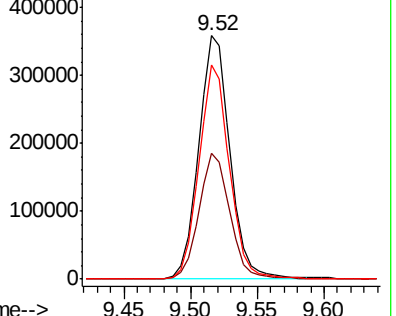
122 88.2 68.1 102.1

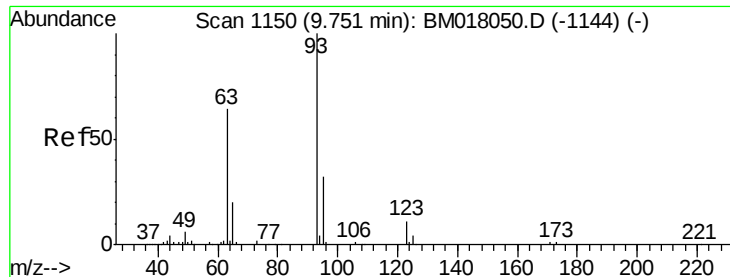


Abundance Ion 107.00 (106.70 to 107.70): BM018051.D (-1076) (-)

Ion 121.00 (120.70 to 121.70): BM018051.D (-1076) (-)

Ion 122.00 (121.70 to 122.70): BM018051.D (-1076) (-)

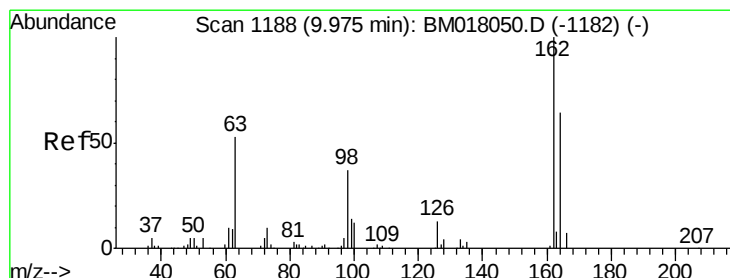
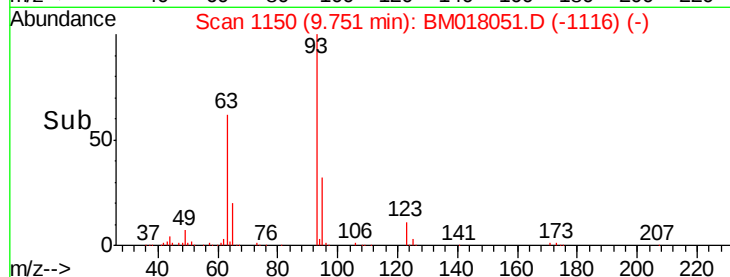
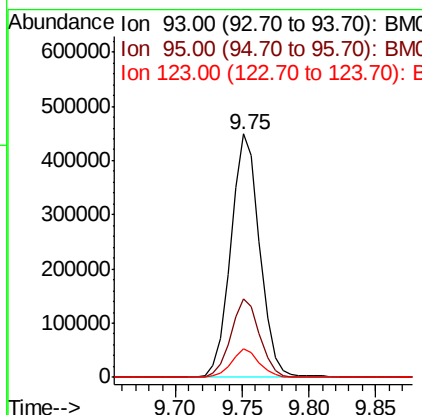
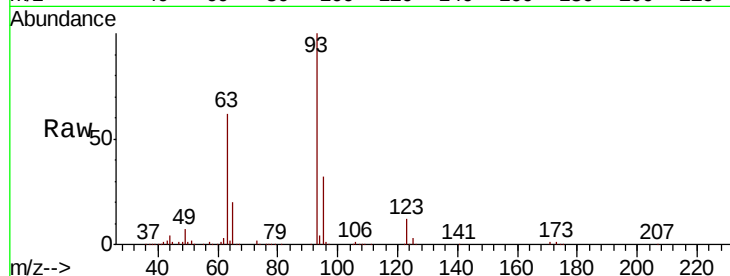




#25
 Bis(2-Chloroethoxy)methane
 Concen: 45.573 ng/ul
 RT: 9.75 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BM018051.D
 Acq: 11 Dec 2018 11:18

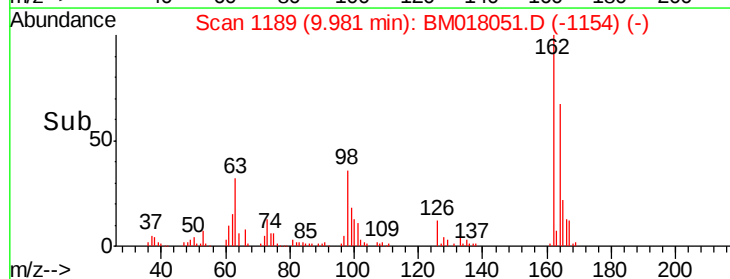
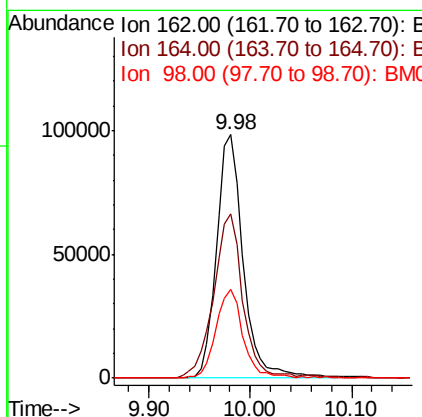
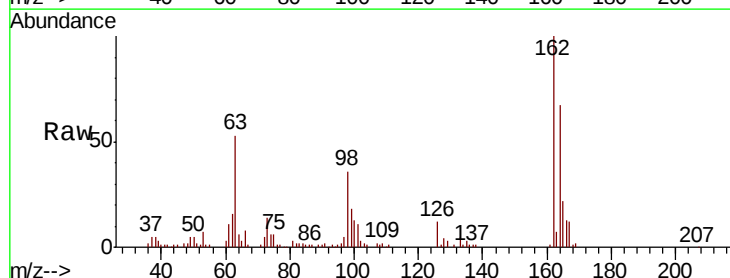
Instrument :
 BNA_M
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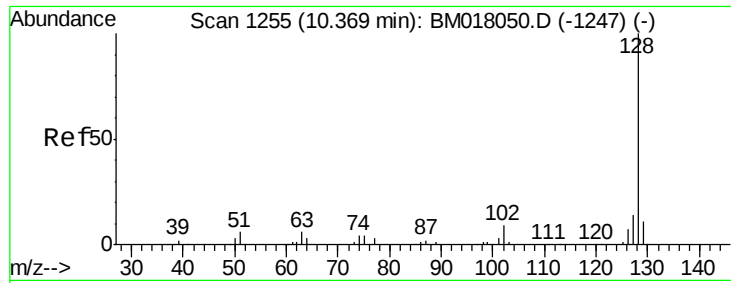
Tot Ion	93	Resp	678511
Ion Ratio	100	Lower	Upper
93	100		
95	32.1	26.0	39.0
123	11.5	9.0	13.4



#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	100	Lower	Upper
162	100		
164	67.3	51.8	77.8
98	36.2	29.0	43.6

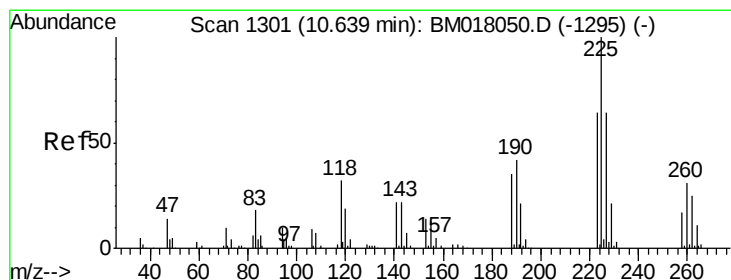
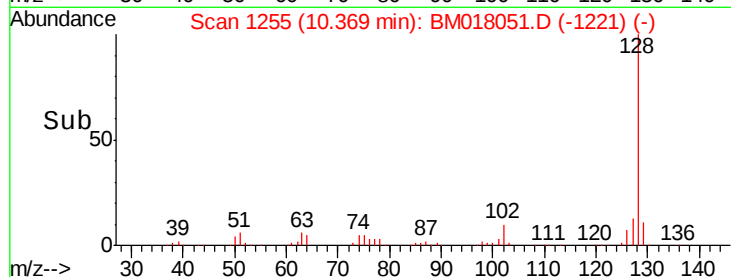
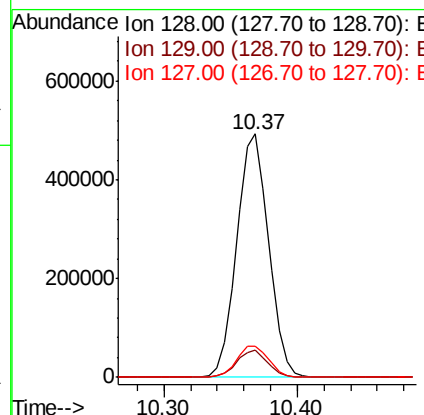
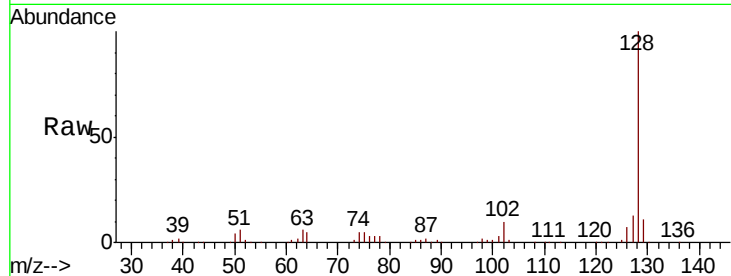




#28
Naphthalene
Concen: 23.108 ng/ul
RT: 10.37 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

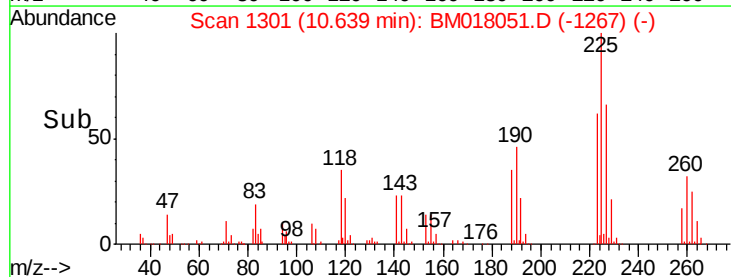
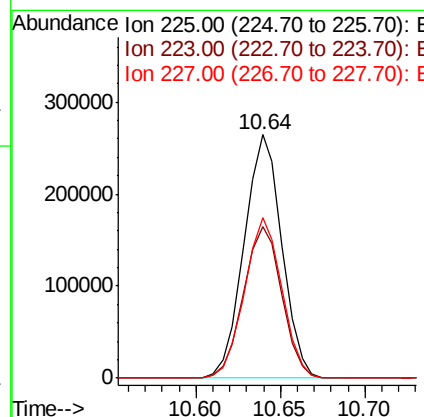
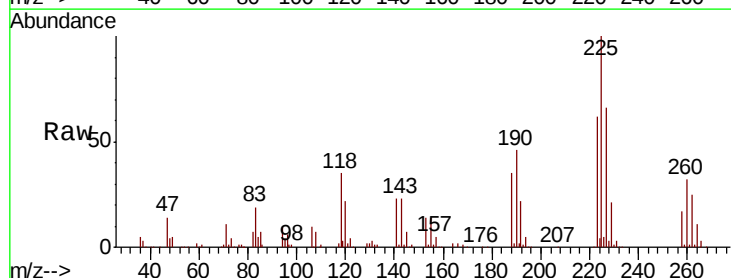
Instrument :
BNA_M
ClientSampleId :
A4131

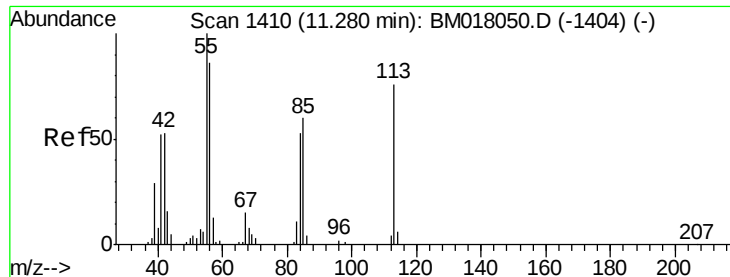
Tot Ion:128 Resp: 816755
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.9 10.8 16.2



#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





#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

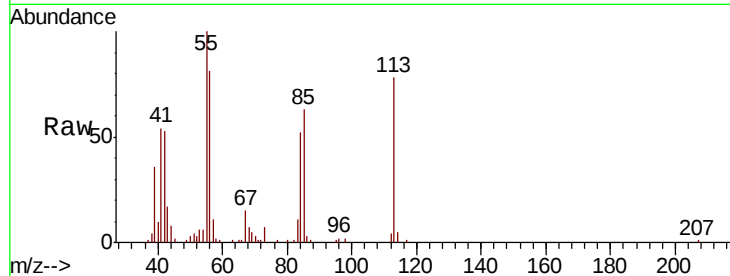
Tot Ion:113 Resp: 140416

Ion Ratio Lower Upper

113 100

55 127.6 110.6 166.0

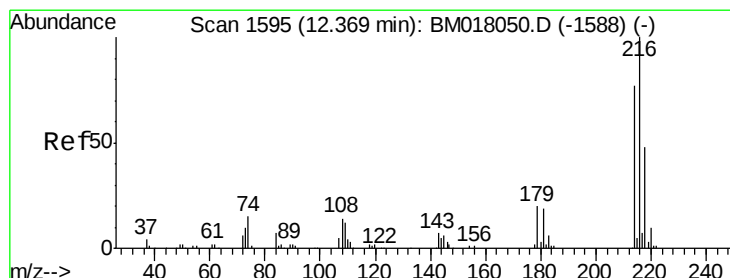
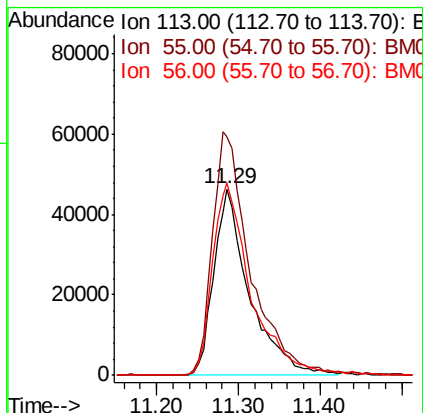
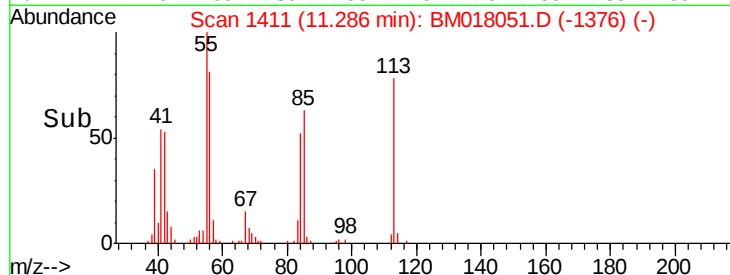
56 103.2 88.2 132.4



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

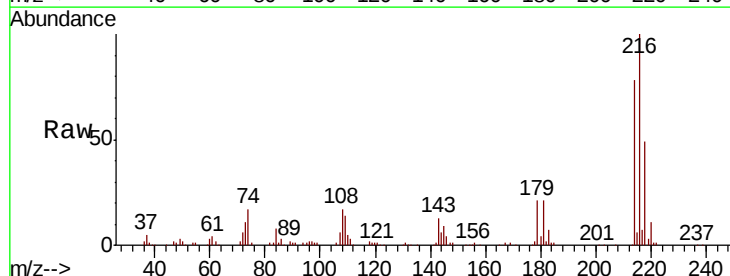
Ion Ratio Lower Upper

216 100

214 77.8 61.3 91.9

179 21.4 17.0 25.4

108 16.9 12.8 19.2

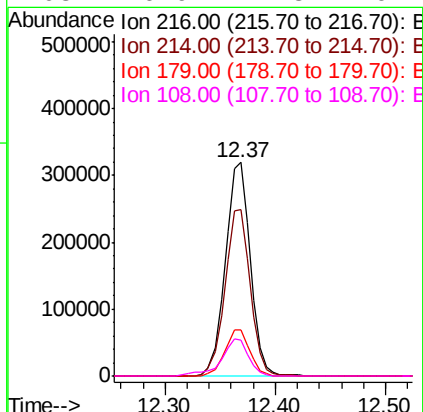
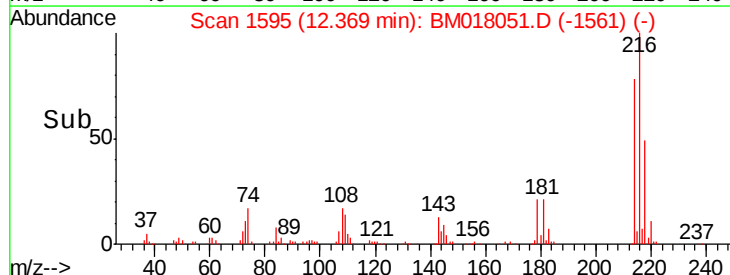


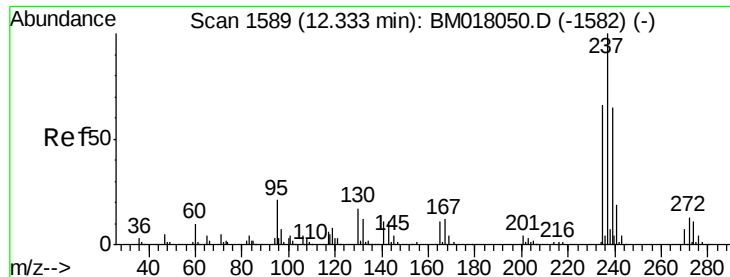
Abundance Ion 216.00 (215.70 to 216.70): E

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

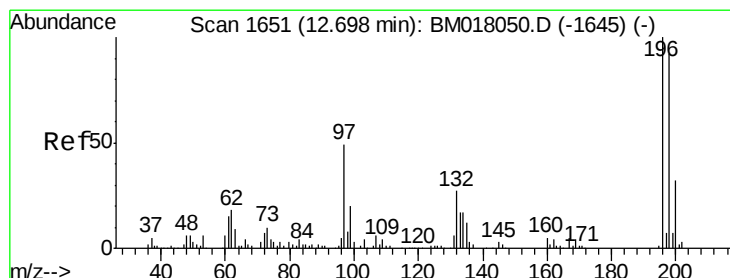
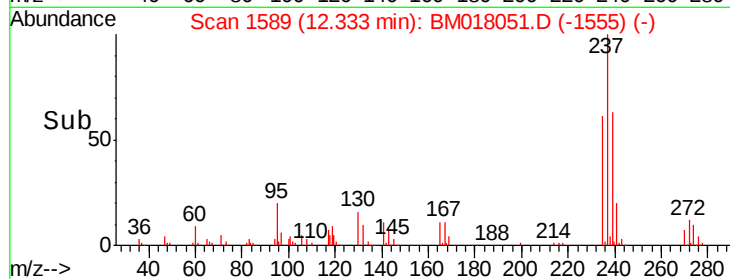
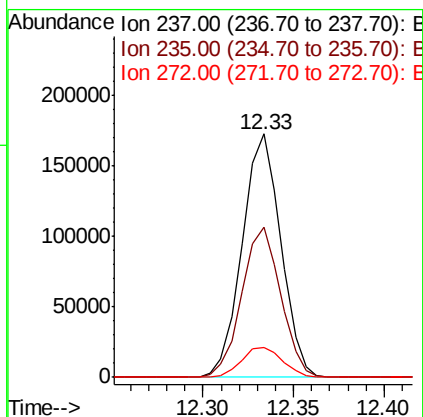
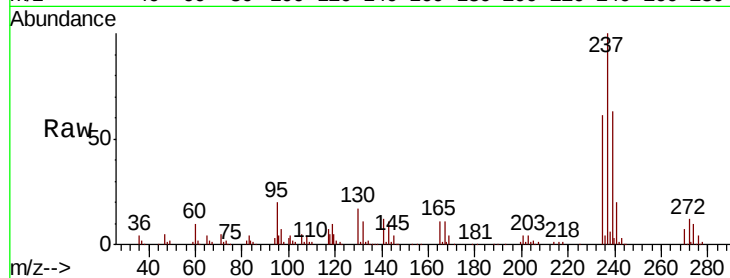




#37
Hexachlorocyclopentadiene
Concen: 30.800 ng/ul
RT: 12.33 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BM018051.D
Acq: 11 Dec 2018 11:18

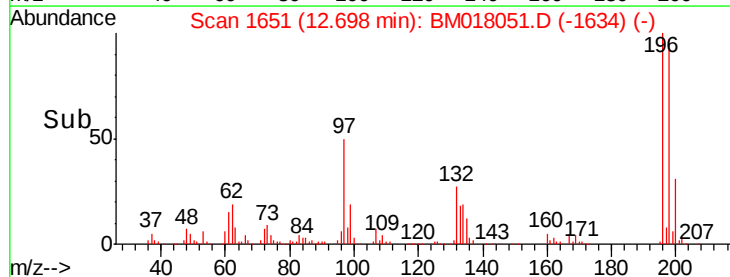
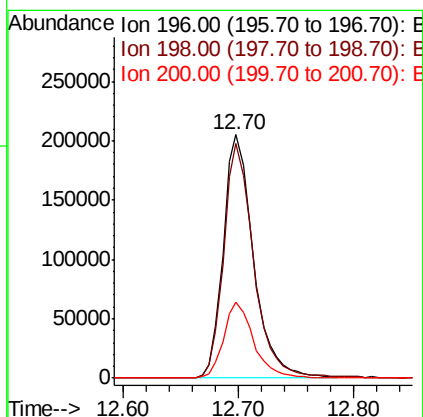
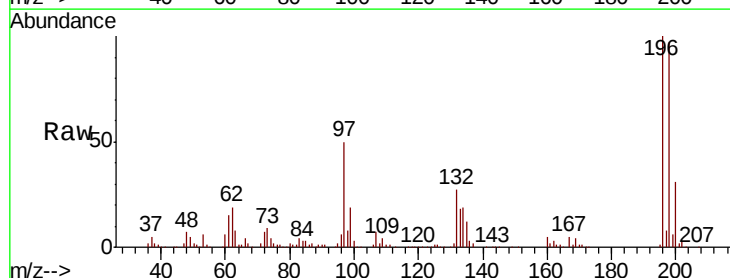
Instrument :
BNA_M
ClientSampleId :
A4131

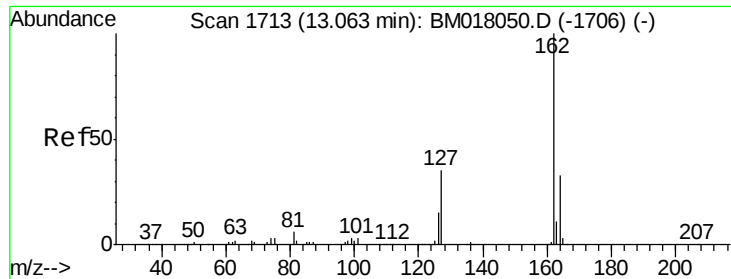
Tot Ion:237 Resp: 255934
Ion Ratio Lower Upper
237 100
235 61.5 48.6 73.0
272 12.3 9.4 14.0



#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

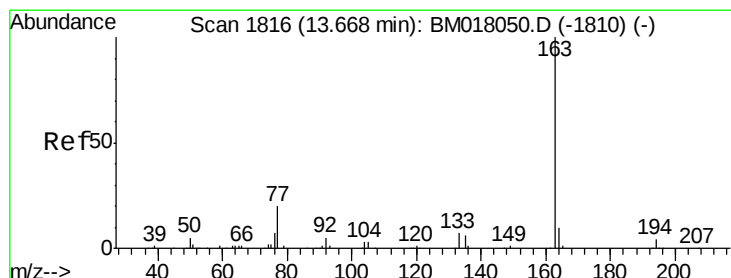
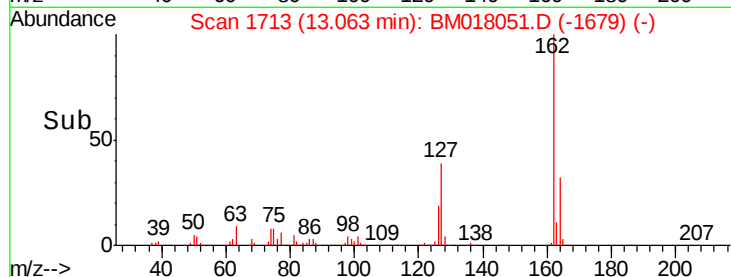
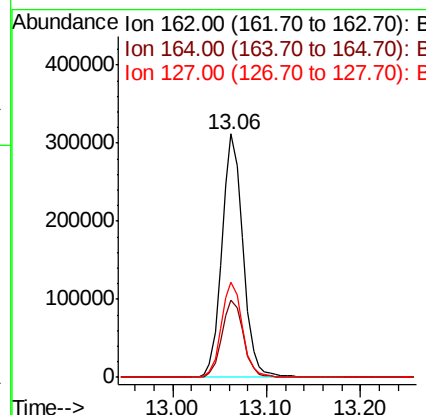
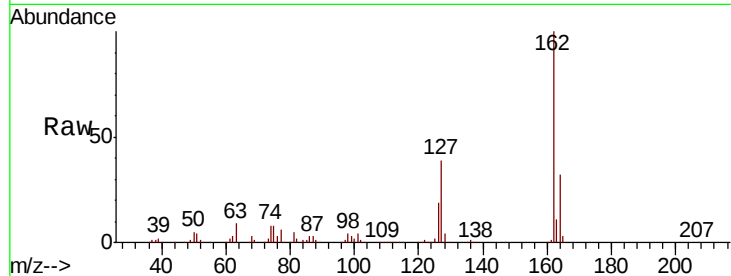




#41
 2-Chloronaphthalene
 Concen: 19.766 ng/ul
 RT: 13.06 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BM018051.D
 Acq: 11 Dec 2018 11:18

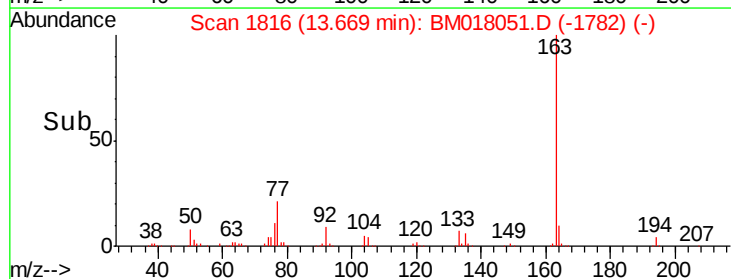
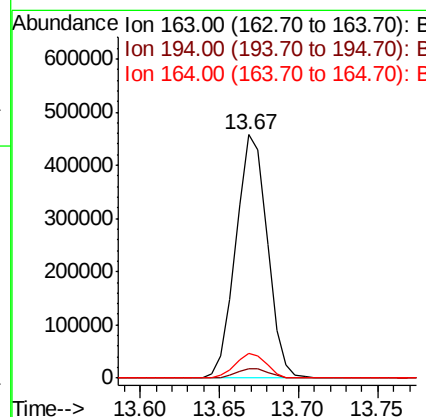
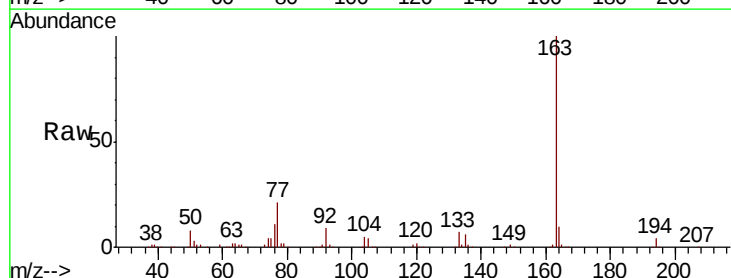
Instrument :
 BNA_M
 ClientSampleId :
 A4131

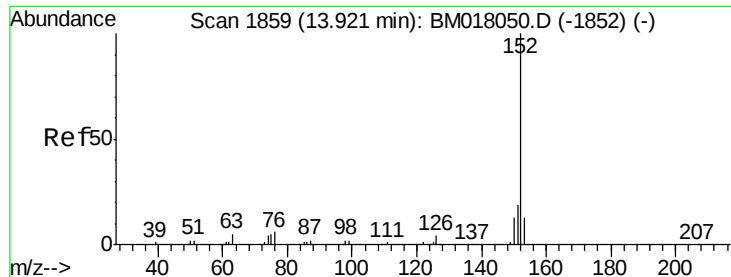
Tot Ion	Ratio	Lower	Upper
162	100		
164	31.7	26.1	39.1
127	39.0	31.8	47.8



#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





#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

Instrument :

BNA_M

ClientSampleId :

A4131

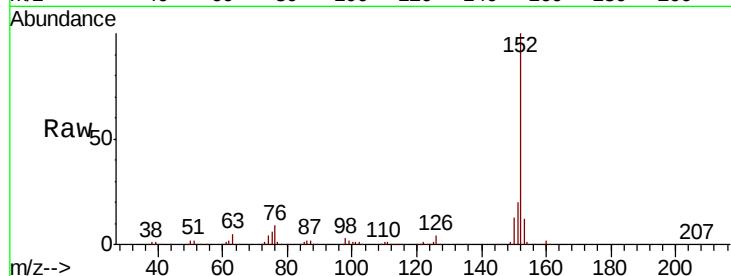
Tot Ion:152 Resp: 900062

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

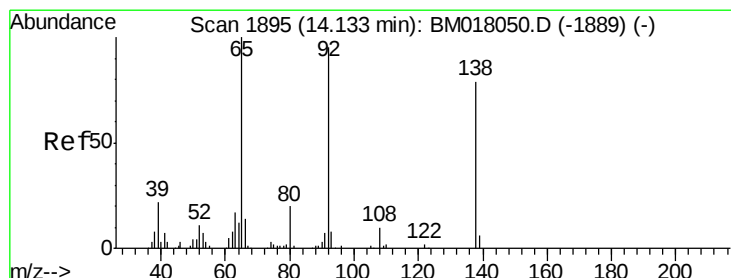
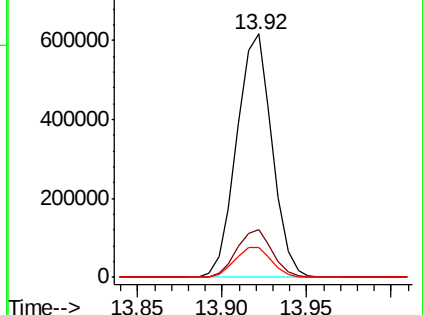
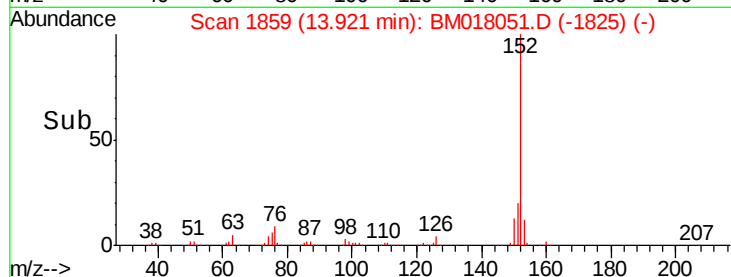
153 12.0 10.4 15.6



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

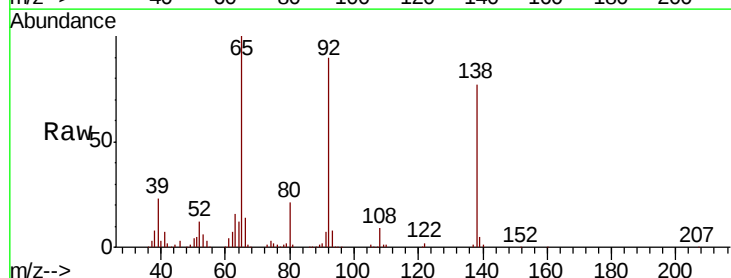
Tgt Ion:138 Resp: 338977

Ion Ratio Lower Upper

138 100

108 11.7 9.0 13.4

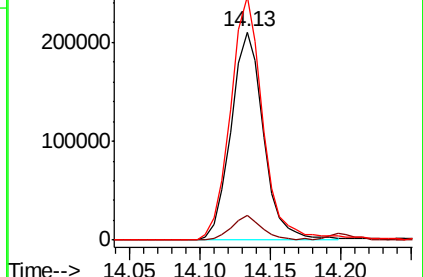
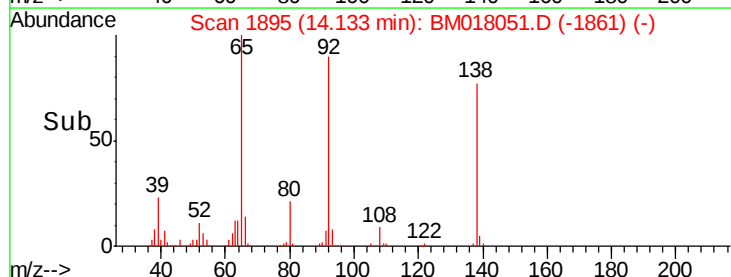
92 117.0 98.8 148.2

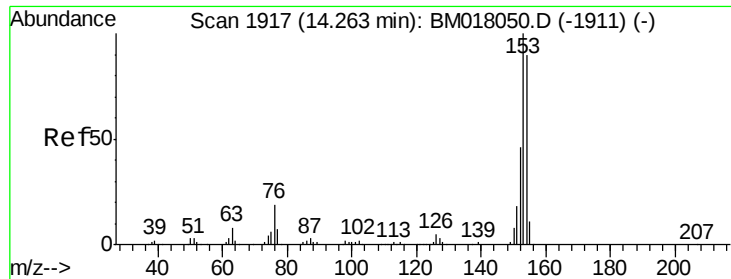


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#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

Instrument :

BNA_M

ClientSampleId :

A4131

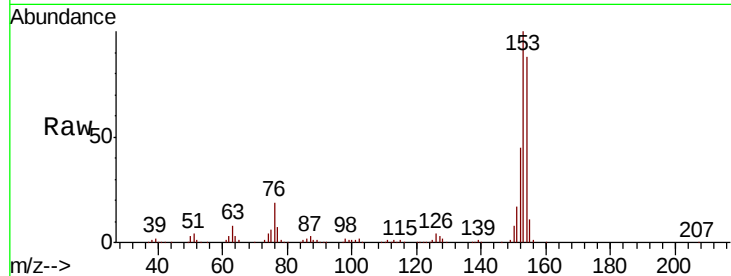
Tot Ion:153 Resp: 906307

Ion Ratio Lower Upper

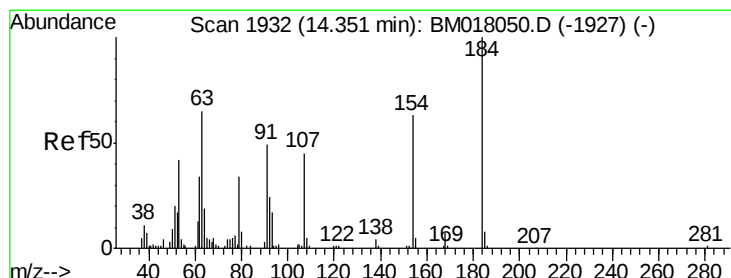
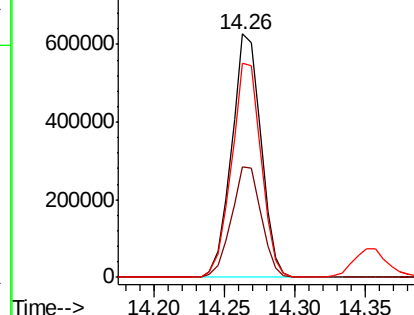
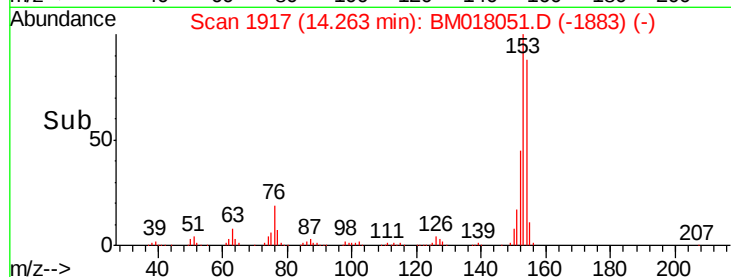
153 100

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

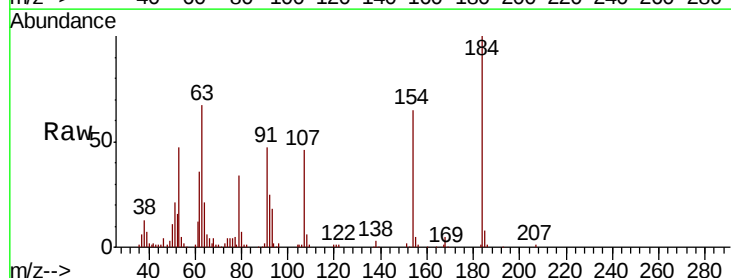
Tgt Ion:184 Resp: 197597

Ion Ratio Lower Upper

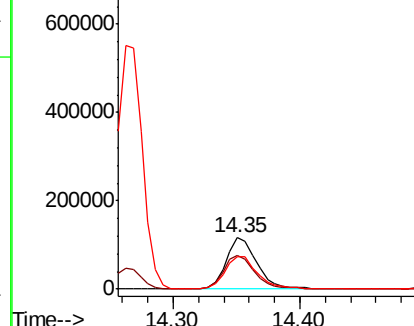
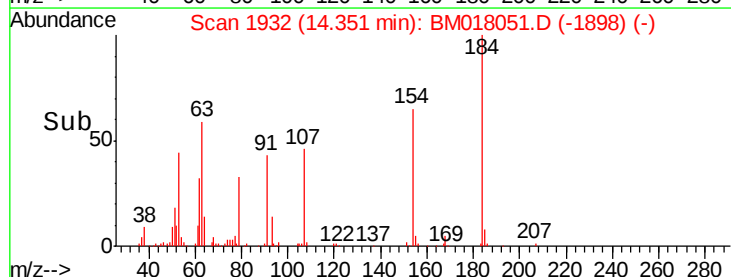
184 100

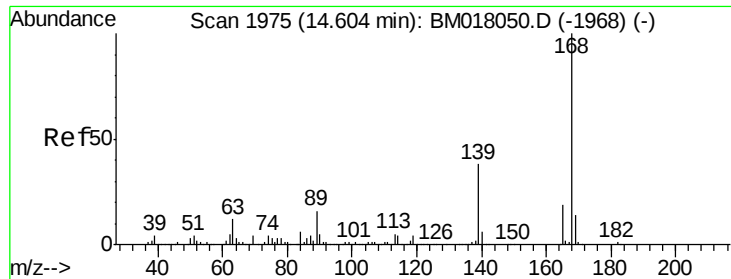
63 66.5 54.4 81.6

154 64.6 51.1 76.7



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





#53

Dibenzenofuran

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

Instrument :

BNA_M

ClientSampleId :

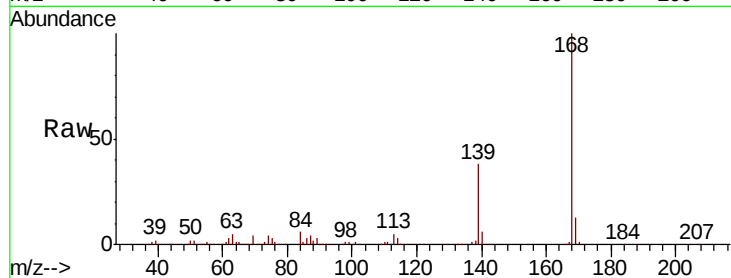
A4131

Tot Ion:168 Resp: 720353

Ion Ratio Lower Upper

168 100

139 37.6 30.6 46.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

600000

500000

400000

300000

200000

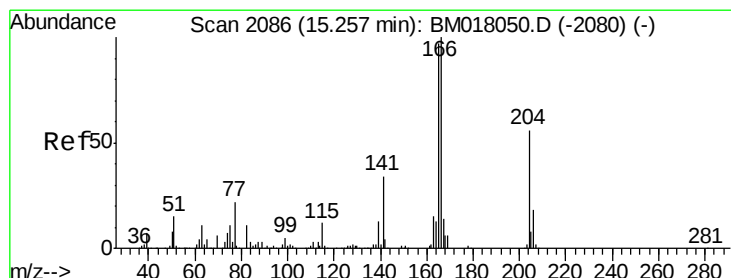
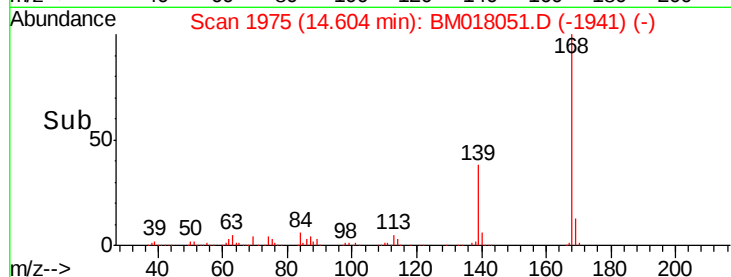
100000

0

14.60

14.70

Time-->



#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

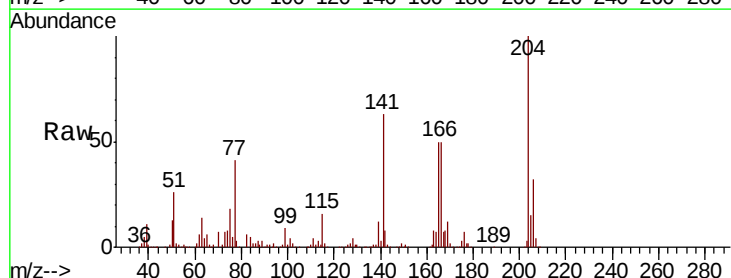
Tgt Ion:166 Resp: 245116

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

250000

200000

150000

100000

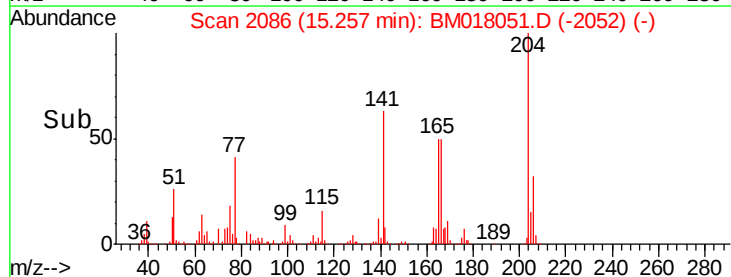
50000

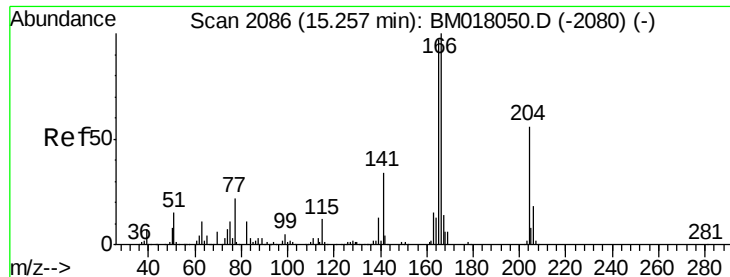
0

15.26

15.30

Time-->





#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

Instrument :

BNA_M

ClientSampled :

A4131

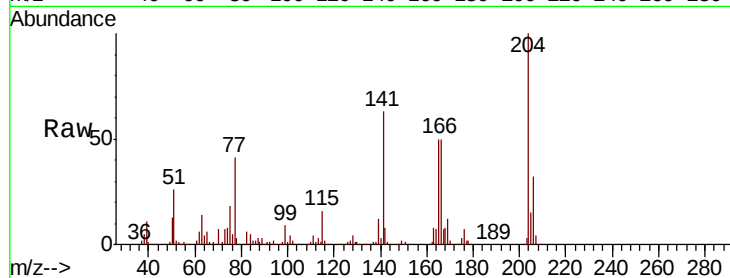
Tot Ion:204 Resp: 490415

Ion Ratio Lower Upper

204 100

206 32.3 25.6 38.4

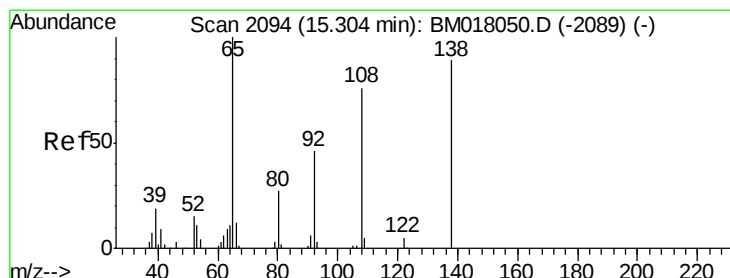
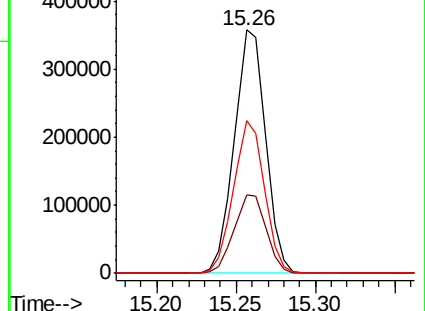
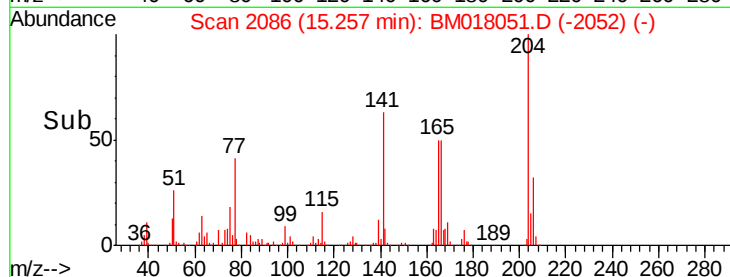
141 62.7 49.8 74.6



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

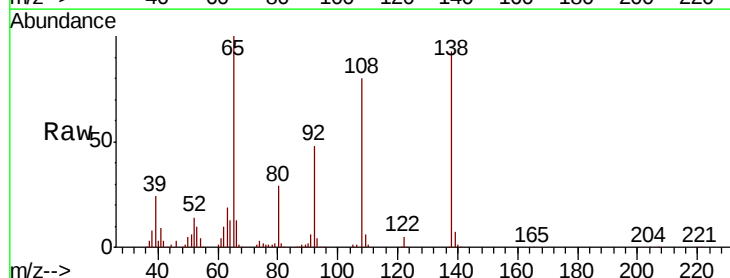
Tgt Ion:138 Resp: 410966

Ion Ratio Lower Upper

138 100

92 52.0 42.8 64.2

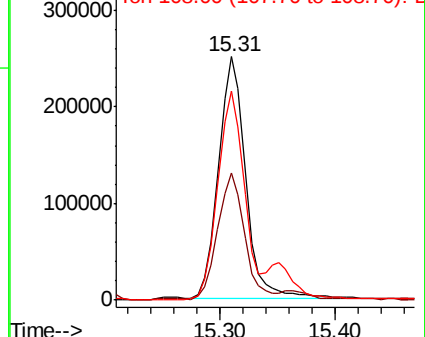
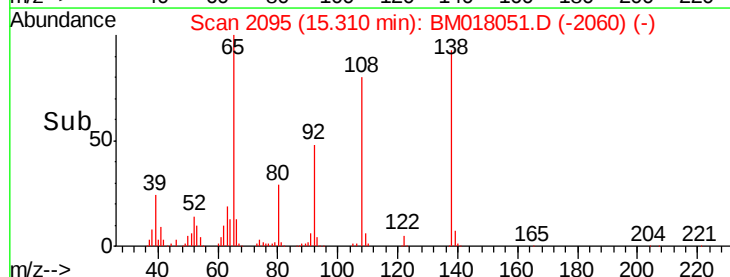
108 86.0 70.2 105.4

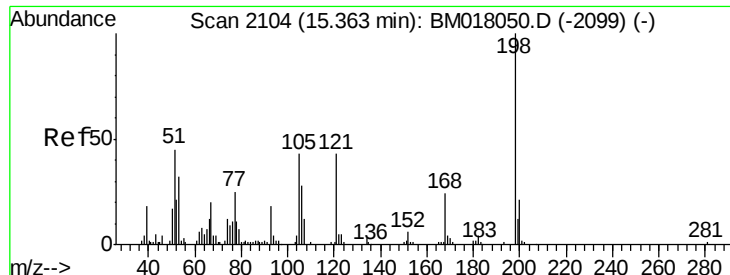


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#63

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

Instrument :

BNA_M

ClientSampleId :

A4131

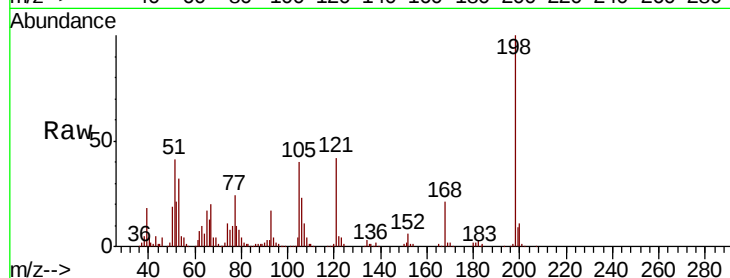
Tot Ion:198 Resp: 404964

Ion Ratio Lower Upper

198 100

182 3.4 3.5 5.3#

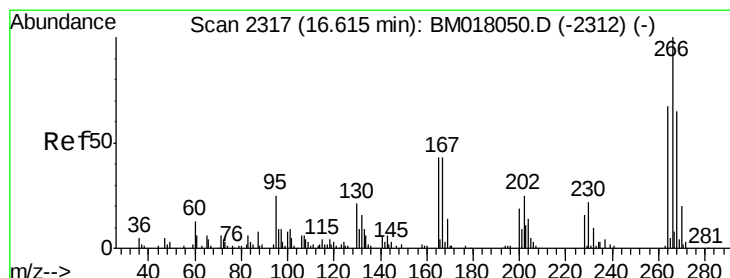
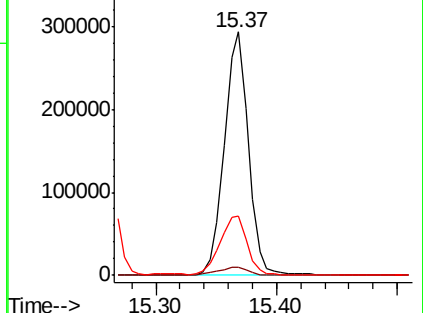
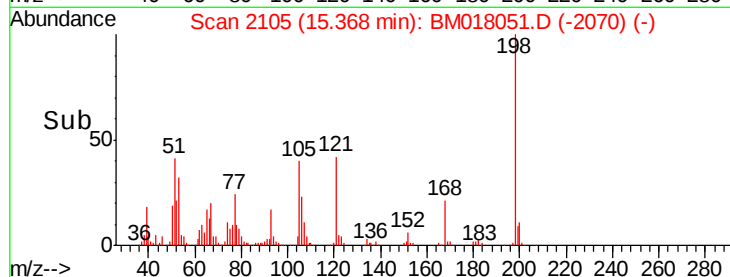
77 24.2 24.6 36.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM



#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

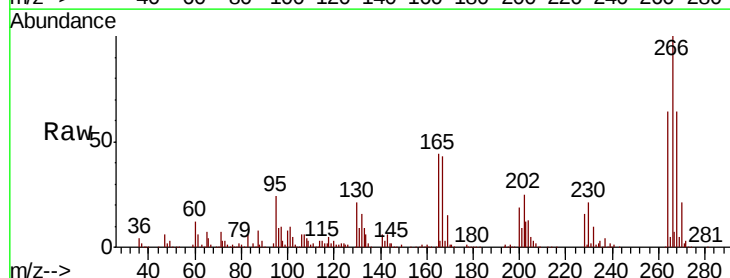
Tgt Ion:266 Resp: 537694

Ion Ratio Lower Upper

266 100

264 63.6 50.2 75.2

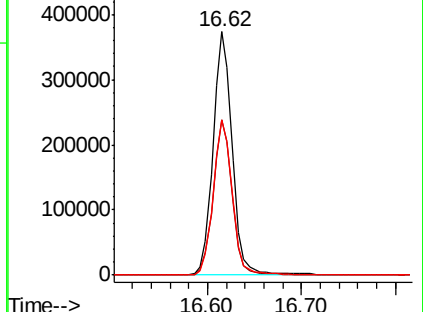
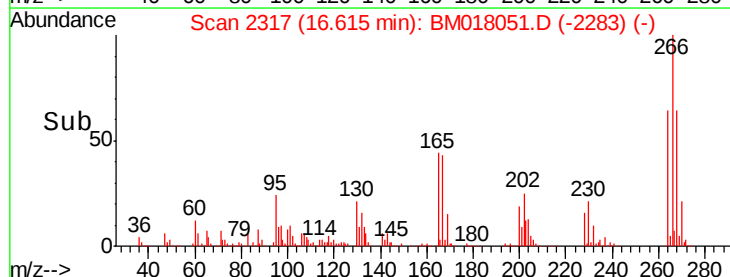
268 63.6 49.8 74.8

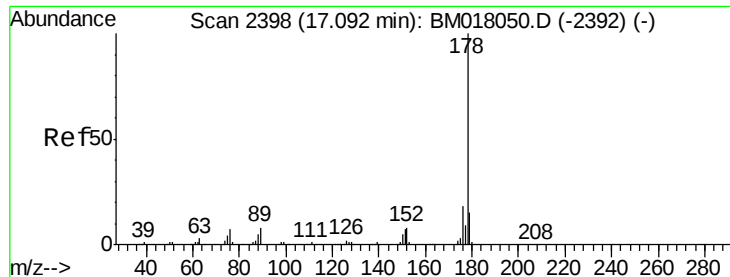


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



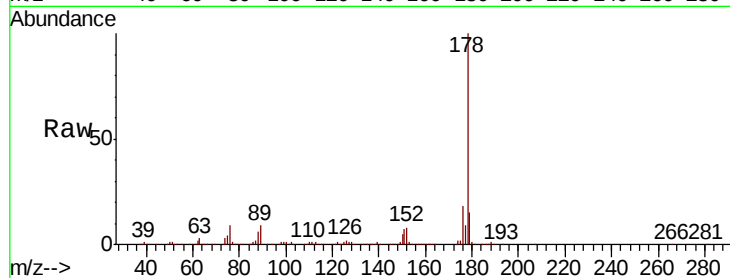


#71
 Anthracene
 Concen: 32.617 ng/ul
 RT: 17.09 min Scan# 2398
 Delta R.T. 0.00 min
 Lab File: BM018051.D
 Acq: 11 Dec 2018 11:18

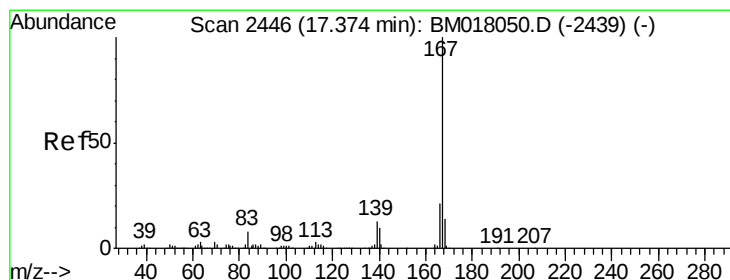
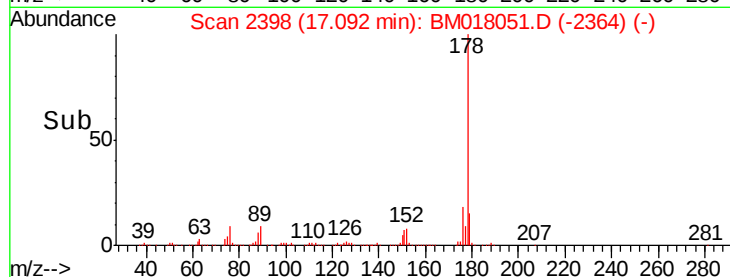
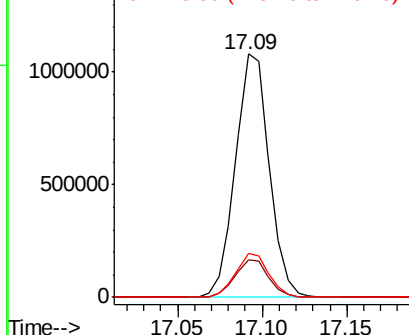
Instrument :
 BNA_M
 ClientSampleId :
 A4131

Tot Ion:178 Resp: 1506737

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.1	14.8	22.2



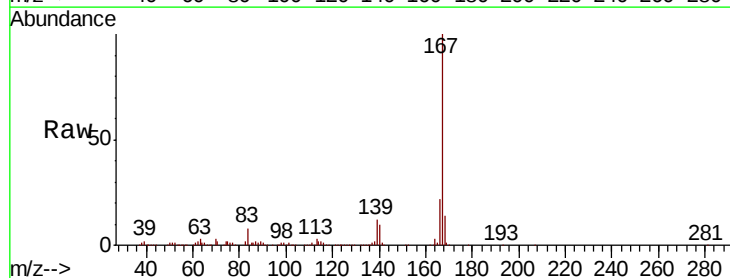
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E



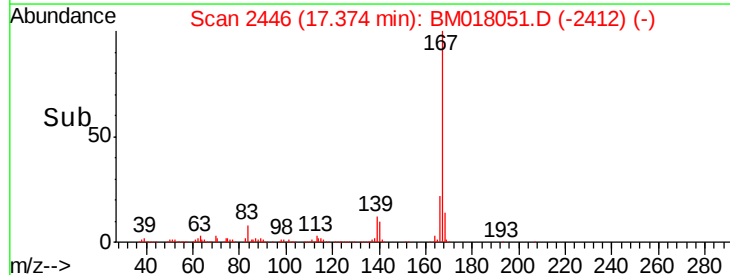
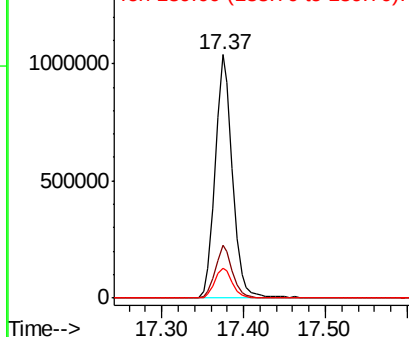
#74
 Carbazole
 Concen: 37.761 ng/ul
 RT: 17.37 min Scan# 2446
 Delta R.T. 0.00 min
 Lab File: BM018051.D
 Acq: 11 Dec 2018 11:18

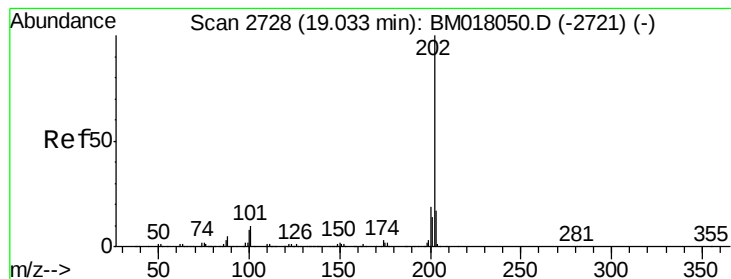
Tgt Ion:167 Resp: 1537066

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

Instrument :

BNA_M

ClientSampleId :

A4131

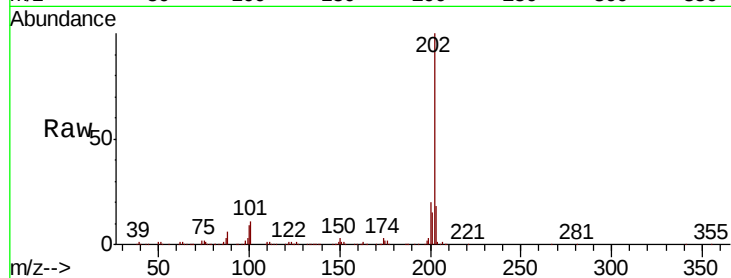
Tot Ion:202 Resp: 868984

Ion Ratio Lower Upper

202 100

101 11.5 8.4 12.6

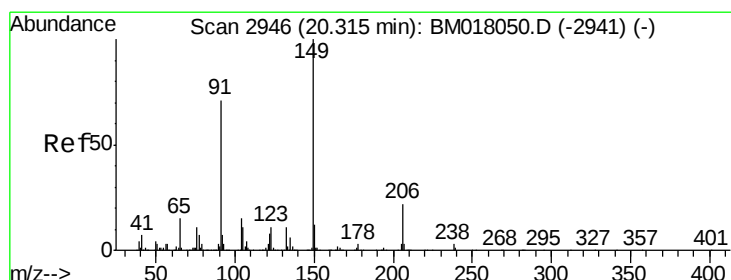
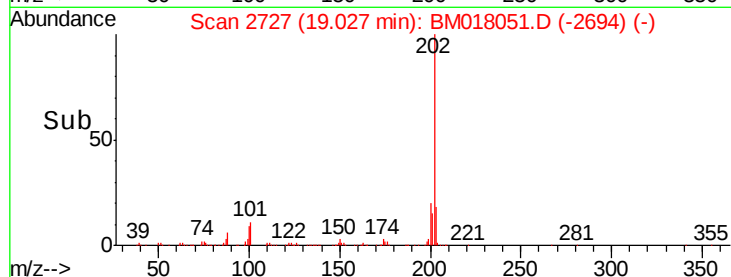
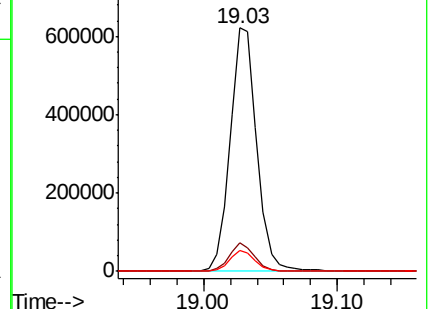
100 8.5 6.6 9.8



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

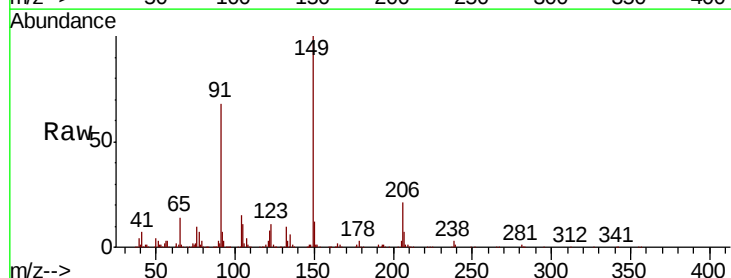
Tgt Ion:149 Resp: 460685

Ion Ratio Lower Upper

149 100

91 68.4 58.0 87.0

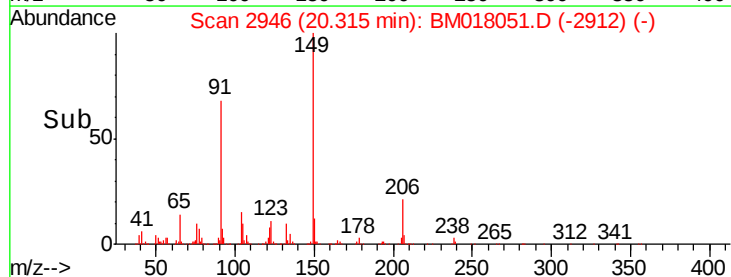
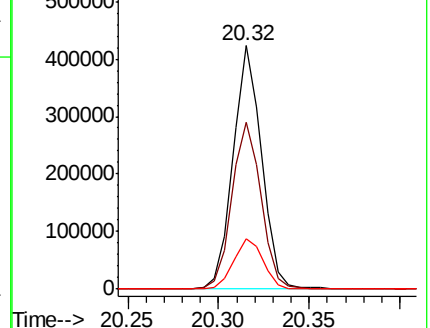
206 20.9 16.6 24.8

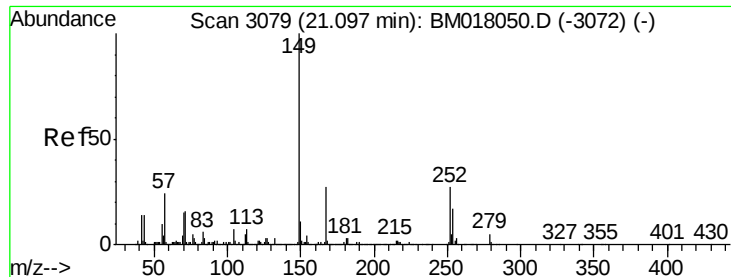


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E

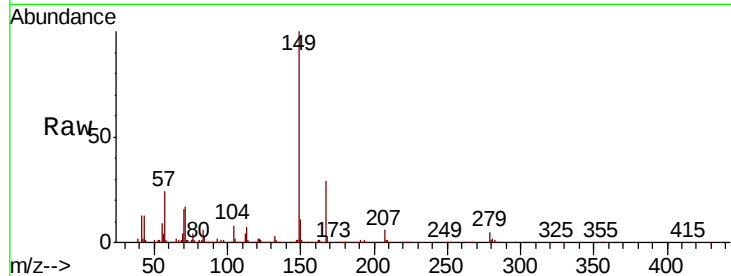




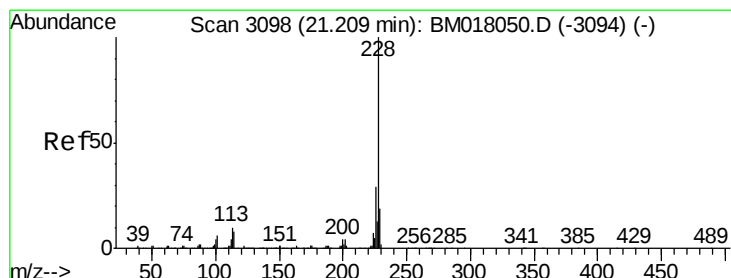
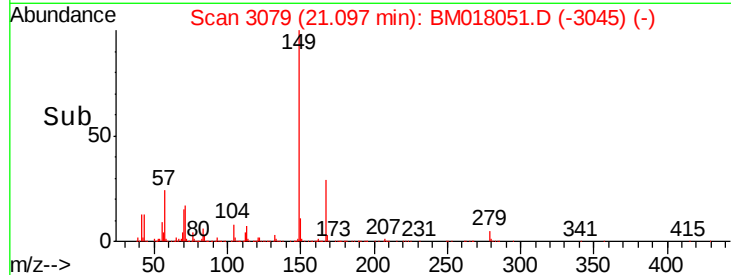
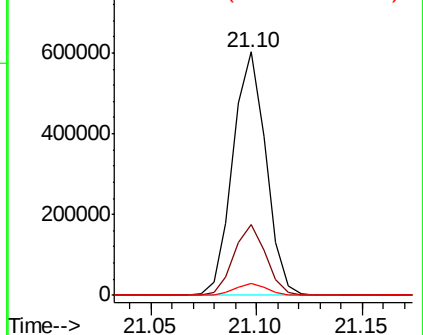
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.298 ng/ul
 RT: 21.10 min Scan# 3079
 Delta R.T. 0.00 min
 Lab File: BM018051.D
 Acq: 11 Dec 2018 11:18

Instrument :
 BNA_M
 ClientSampleId :
 A4131

Tot Ion:149 Resp: 647794
 Ion Ratio Lower Upper
 149 100
 167 28.9 21.9 32.9
 279 4.9 3.6 5.4

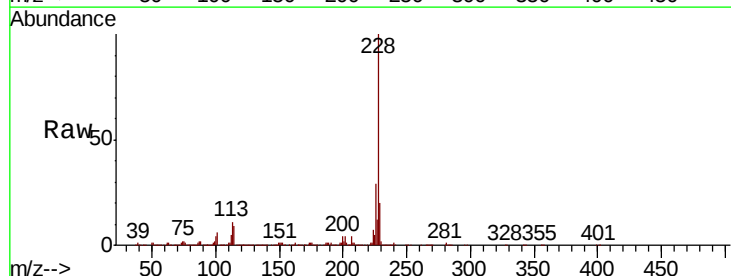


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

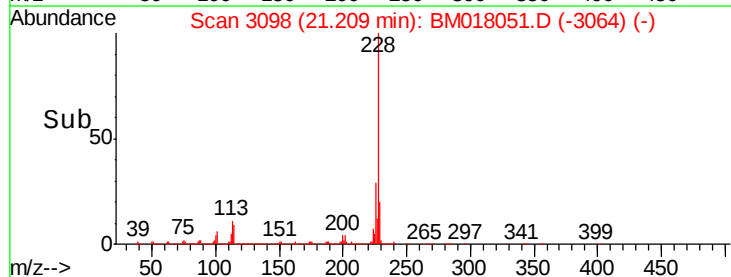
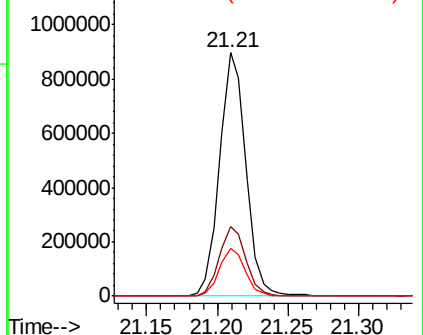


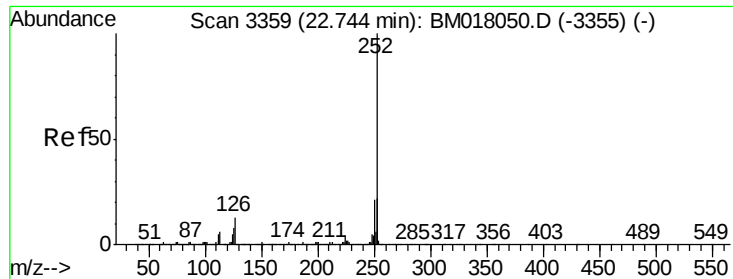
#84
 Chrysene
 Concen: 32.288 ng/ul
 RT: 21.21 min Scan# 3098
 Delta R.T. 0.00 min
 Lab File: BM018051.D
 Acq: 11 Dec 2018 11:18

Tgt Ion:228 Resp: 1156308
 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





#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

Instrument :

BNA_M

ClientSampleId :

A4131

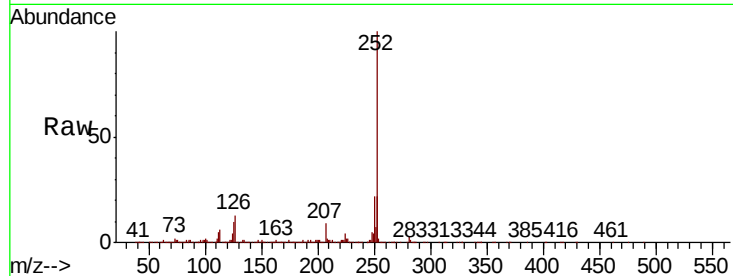
Tot Ion:252 Resp: 1419940

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

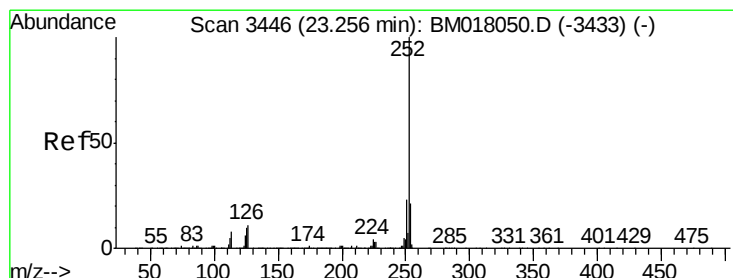
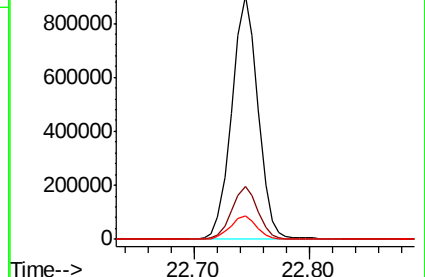
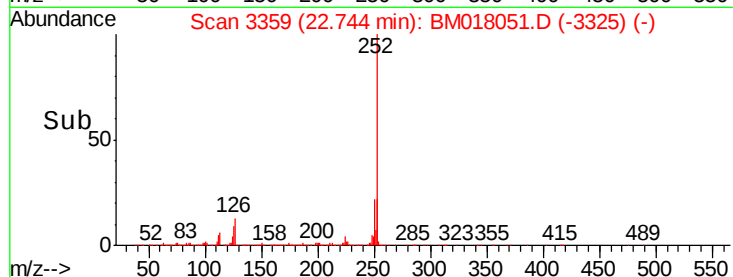
125 9.6 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#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

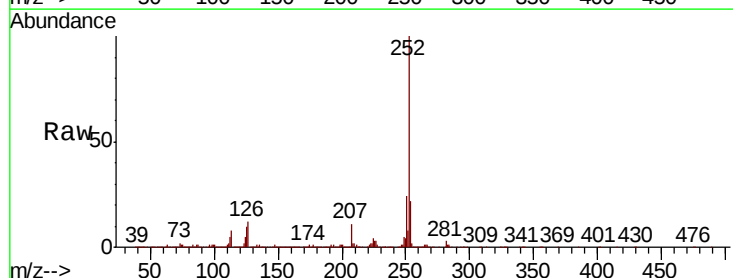
Tgt Ion:252 Resp: 1383068

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

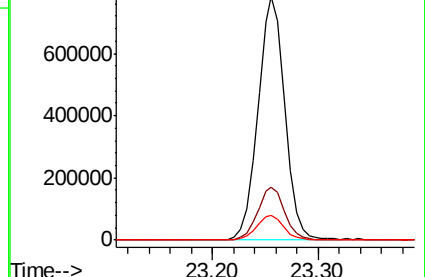
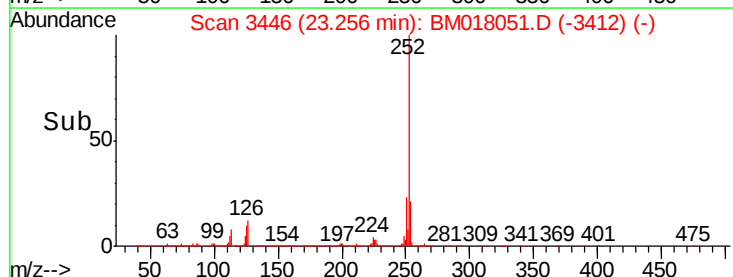
125 10.2 7.9 11.9

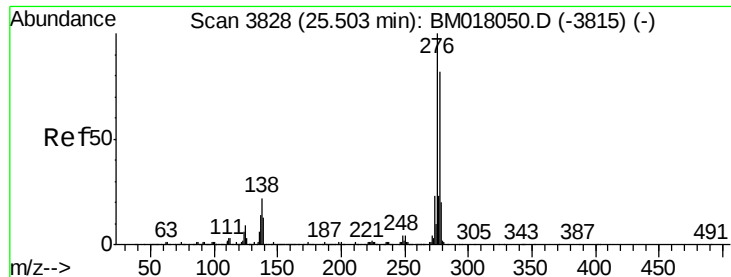


Abundance Ion 252.00 (251.70 to 252.70): E

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

Instrument :

BNA_M

ClientSampleId :

A4131

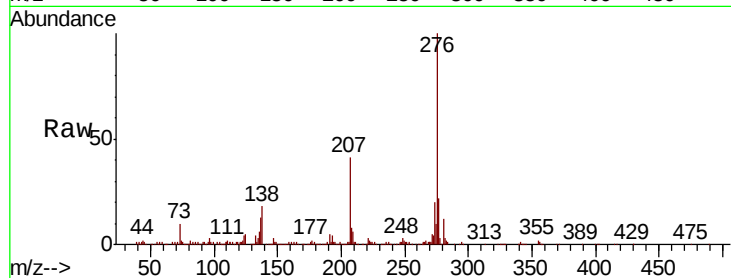
Tot Ion: 276 Resp: 652876

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

