

Data File : BM018026.D
Acq On : 10 Dec 2018 15:39
Operator : JU/SJ
Sample : J6155-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4131

Quant Time: Dec 11 06:19:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 11 06:16:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	149121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	597023	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	314671	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	602139	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	549478	20.00	ng/ul	0.00
85) Perylene-d12	23.35	264	539625	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	23631	7.25	ng/uL	0.03
5) Phenol-d5	6.75	99	406531	29.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	234181	28.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	356132	33.42	ng/ul	0.01
13) 4-Methylphenol-d8	8.27	113	345902	31.09	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	166305	36.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	184387	35.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	319629	31.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	390835	45.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	870592	31.89	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	1157774	35.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	115867	23.34	ng/ul	0.00
57) Fluorene-d10	15.20	176	743597	31.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	153777	35.72	ng/ul	0.00
70) Anthracene-d10	17.06	188	1052004	35.09	ng/ul	0.00
78) Pyrene-d10	19.37	212	1069183	40.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	944497	32.27	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.78	94	226583	16.668	ng/ul 95
8) Bis(2-Chloroethyl)ether	7.00	93	533920	51.409	ng/ul 94
11) 2-Methylphenol	8.00	108	526497	50.762	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.37	70	441401	48.793	ng/ul 96
16) 4-Methylphenol	8.33	108	553955	49.425	ng/ul 90
17) Hexachloroethane	8.61	117	165033	38.232	ng/ul 94
21) Isophorone	9.27	82	720166	33.634	ng/ul 99
24) 2,4-Dimethylphenol	9.52	107	465817	40.779	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.75	93	567317	43.297	ng/ul 98
27) 2,4-Dichlorophenol	9.98	162	136935	14.499	ng/ul 97
28) Naphthalene	10.37	128	700082	22.506	ng/ul 98
30) 4-Chloroaniline	10.37	127	92024	10.508	ng/ul# 1
31) Hexachlorobutadiene	10.65	225	377620	60.202	ng/ul 98
32) Caprolactam	11.29	113	89643	28.688	ng/ul 97
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	419991	40.000	ng/ul 98
37) Hexachlorocyclopentadiene	12.33	237	222318	32.833	ng/ul 96
39) 2,4,5-Trichlorophenol	12.70	196	266243	36.481	ng/ul 100
41) 2-Chloronaphthalene	13.06	162	393815	19.435	ng/ul 99
44) Dimethylphthalate	13.67	163	454331	17.176	ng/ul 99
47) Acenaphthylene	13.92	152	698850	22.646	ng/ul 99
48) 3-Nitroaniline	14.13	138	267484	53.943	ng/ul 88
49) Acenaphthene	14.27	153	708209	31.843	ng/ul 100
50) 2,4-Dinitrophenol	14.35	184	133833	37.976	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) Dibenzofuran	14.60	168	552238	17.547	ng/ul	100
58) Fluorene	15.26	166	182307	6.946	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.26	204	374849	27.805	ng/ul	96
60) 4-Nitroaniline	15.31	138	262867	47.685	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.36	198	300743	67.793	ng/ul#	87
67) Atrazine	16.61	200	63226	9.195	ng/ul#	36
68) Pentachlorophenol	16.62	266	388042	81.554	ng/ul	98
69) Phenanthrene	17.09	178	1105559	32.107	ng/ul	99
71) Anthracene	17.09	178	1105559	31.395	ng/ul	100
74) Carbazole	17.37	167	1096734	35.345	ng/ul	98
76) Fluoranthene	19.03	202	670748	16.561	ng/ul	99
80) Butylbenzylphthalate	20.32	149	326405	22.885	ng/ul	99
82) Benzo(a)anthracene	21.21	228	1021564	29.974	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.10	149	473592	22.423	ng/ul	99
84) Chrysene	21.21	228	1021564	32.050	ng/ul	97
87) Benzo(b)fluoranthene	22.74	252	1245771	37.140	ng/ul	99
88) Benzo(k)fluoranthene	22.74	252	1245890	38.218	ng/ul	100
90) Benzo(a)pyrene	23.26	252	1182375	37.171	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.51	276	506611	15.031	ng/ul#	90

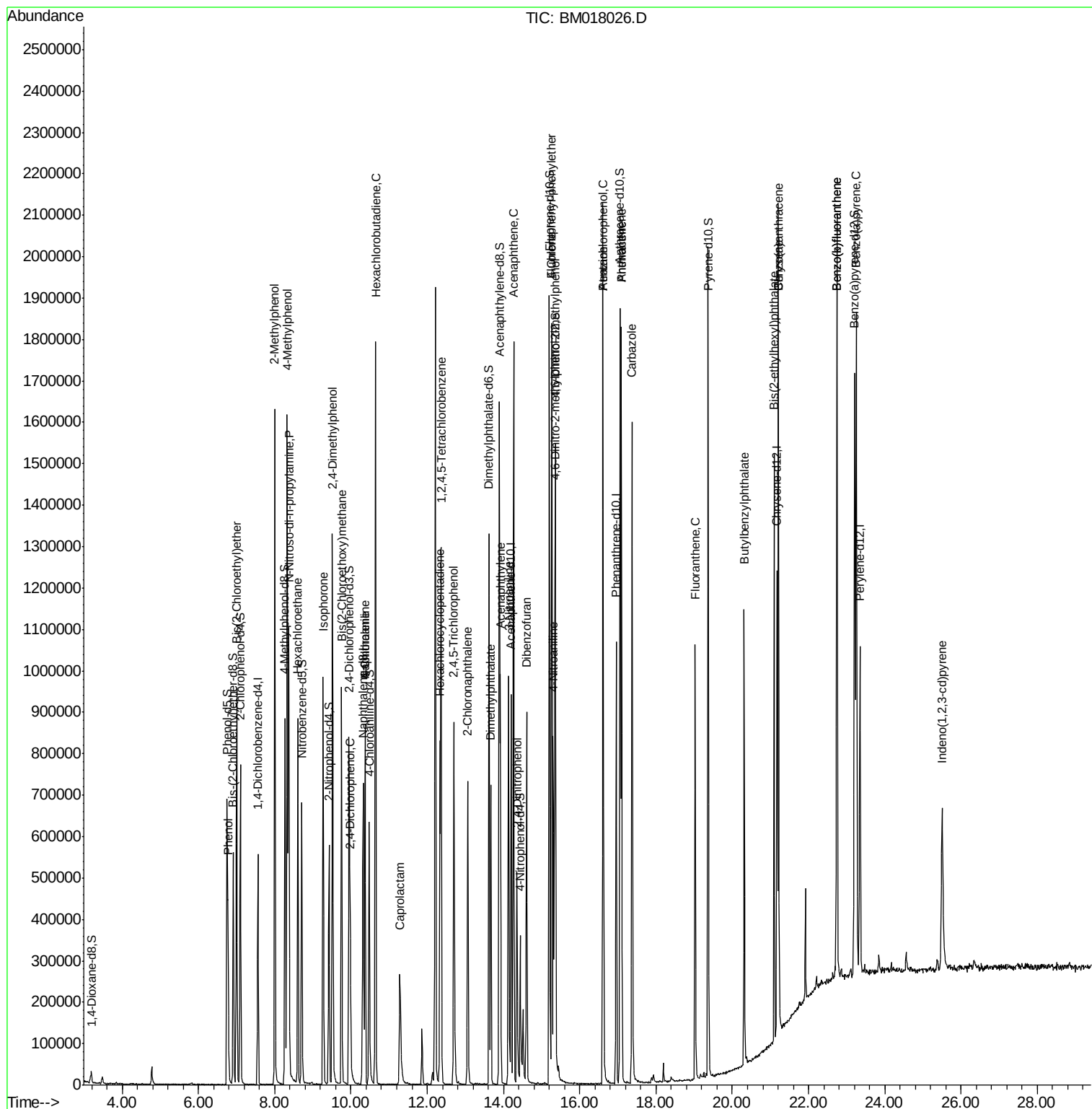
(#) = qualifier out of range (m) = manual integration (+) = signals summed

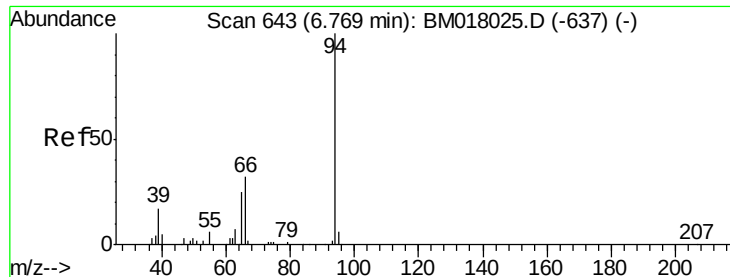
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#6

Phenol

Concen: 16.668 ng/ul

RT: 6.78 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

ClientSampleId :

A4131

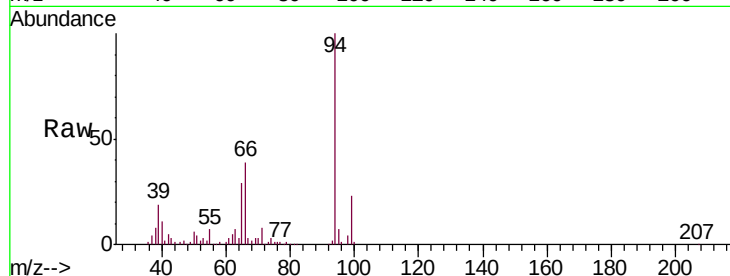
Tgt Ion: 94 Resp: 226583

Ion Ratio Lower Upper

94 100

65 28.8 24.7 37.1

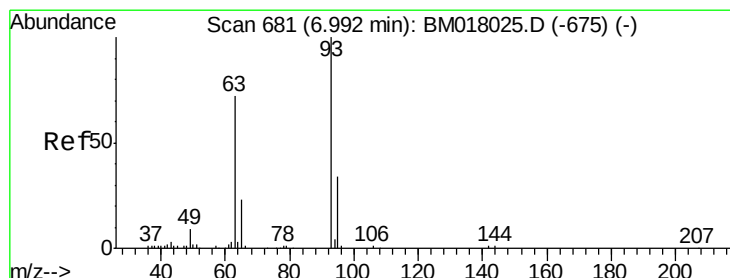
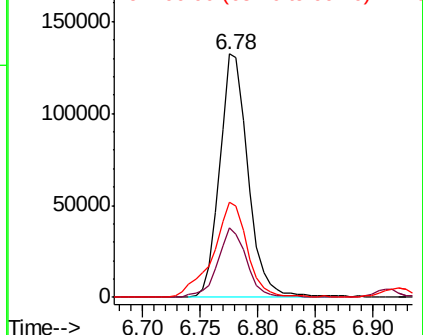
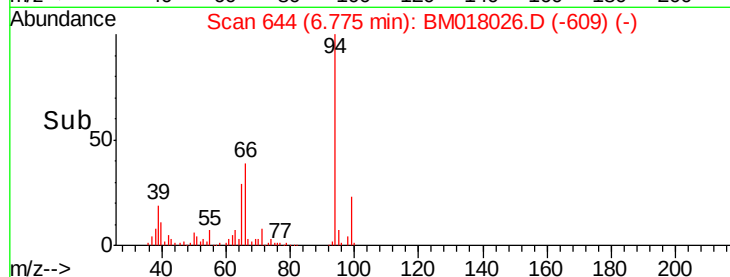
66 38.9 34.6 51.8



Abundance Ion 94.00 (93.70 to 94.70): BM018026.D (-609) (-)

Ion 65.00 (64.70 to 65.70): BM018026.D (-609) (-)

Ion 66.00 (65.70 to 66.70): BM018026.D (-609) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 51.409 ng/ul

RT: 7.00 min Scan# 683

Delta R.T. 0.01 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

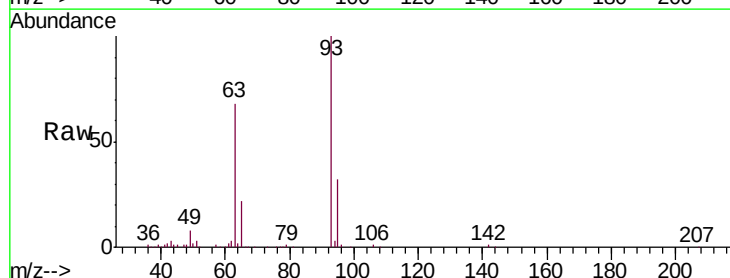
Tgt Ion: 93 Resp: 533920

Ion Ratio Lower Upper

93 100

63 68.2 60.6 90.8

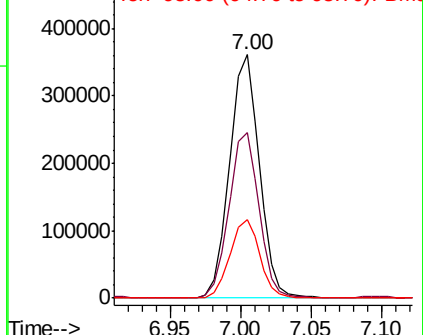
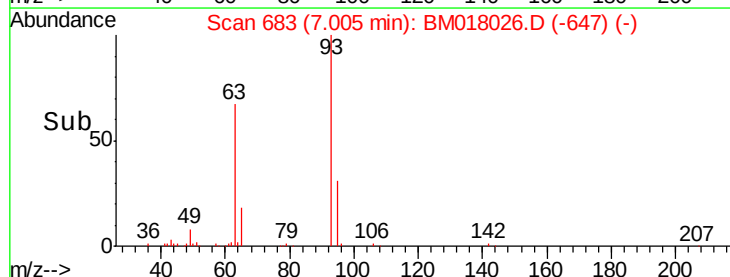
95 32.4 25.4 38.2

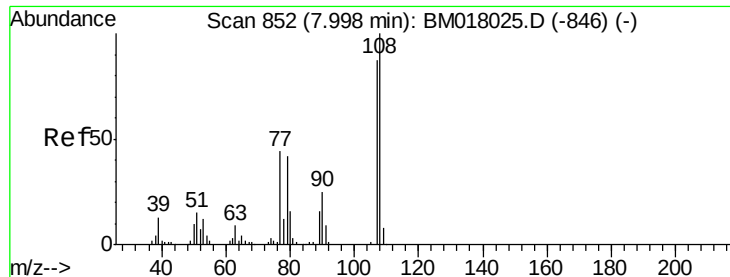


Abundance Ion 93.00 (92.70 to 93.70): BM018026.D (-647) (-)

Ion 63.00 (62.70 to 63.70): BM018026.D (-647) (-)

Ion 95.00 (94.70 to 95.70): BM018026.D (-647) (-)

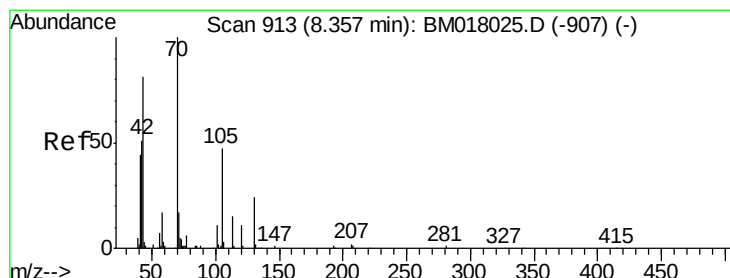
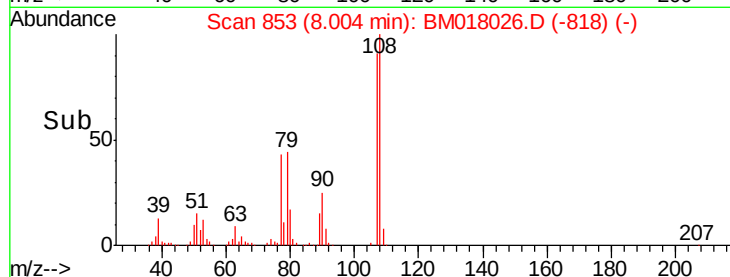
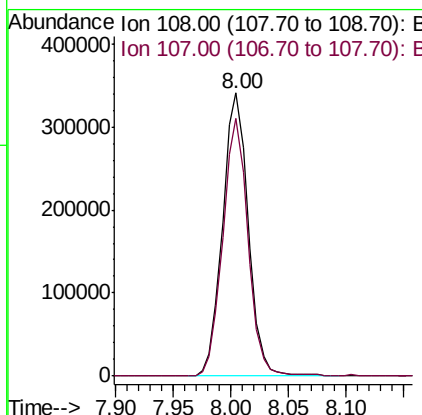
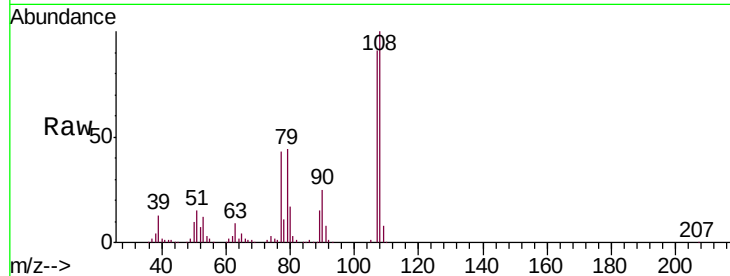




#11
 2-Methylphenol
 Concen: 50.762 ng/ul
 RT: 8.00 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

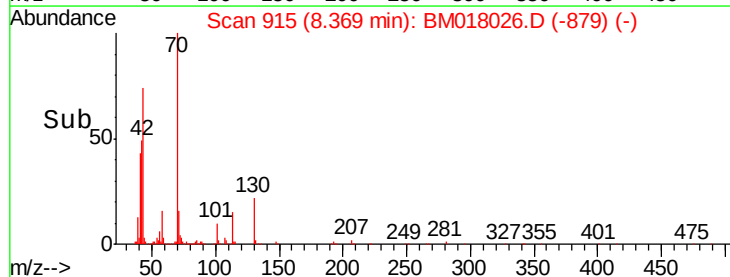
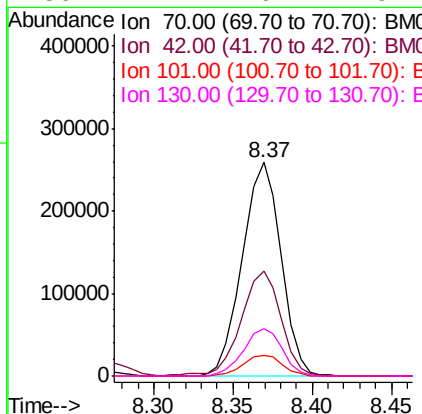
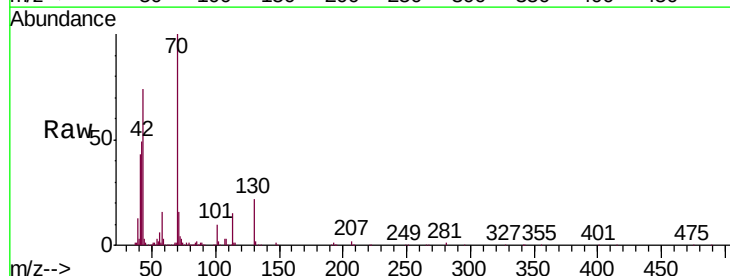
Instrument :
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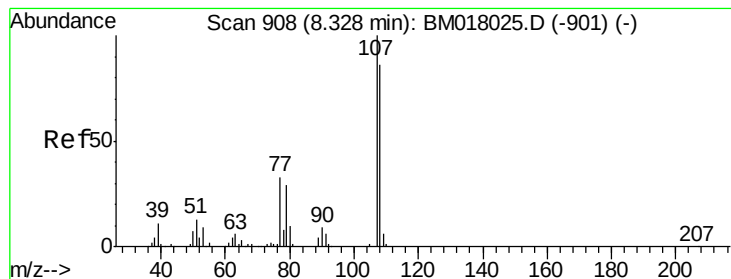
Tgt Ion: 108 Resp: 526497
 Ion Ratio Lower Upper
 108 100
 107 90.9 70.8 106.2



#15
 N-Nitroso-di-n-propylamine
 Concen: 48.793 ng/ul
 RT: 8.37 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

Tgt Ion: 70 Resp: 441401
 Ion Ratio Lower Upper
 70 100
 42 49.3 42.7 64.1
 101 9.7 7.6 11.4
 130 22.1 16.7 25.1





#16

4-Methylphenol

Concen: 49.425 ng/ul

RT: 8.33 min Scan# 908

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

ClientSampleId :

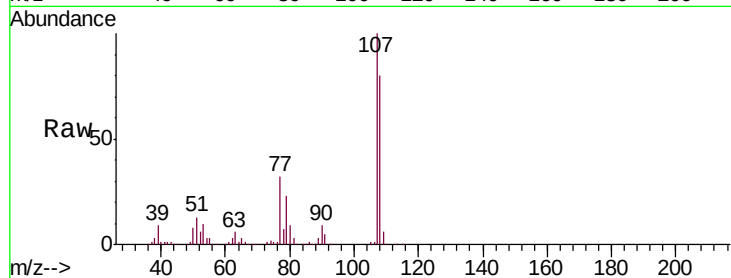
A4131

Tgt Ion:108 Resp: 553955

Ion Ratio Lower Upper

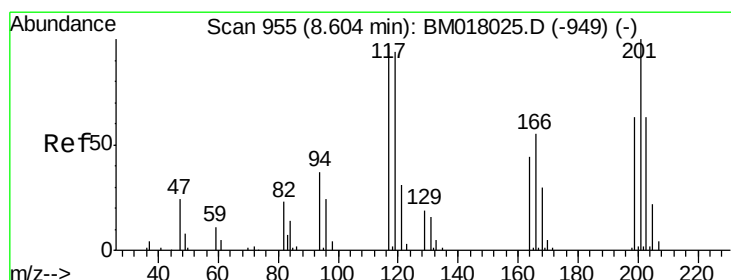
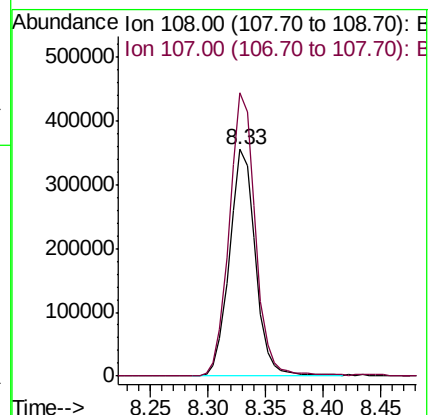
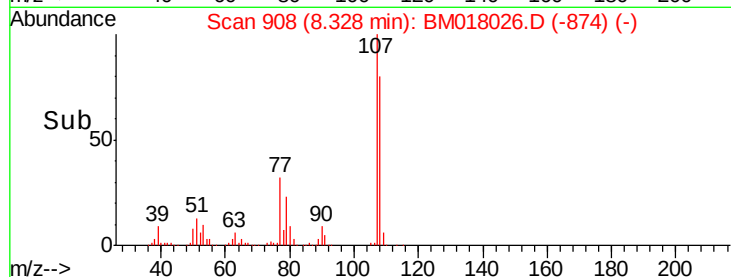
108 100

107 124.9 91.3 136.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 38.232 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. 0.01 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

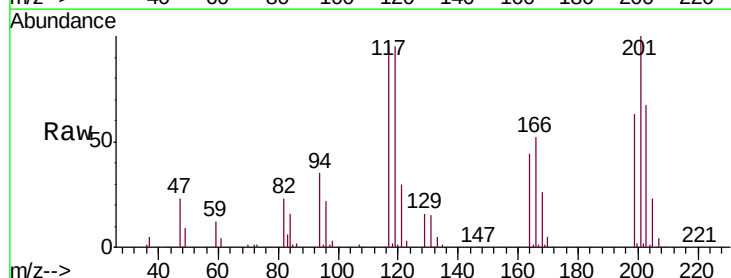
Tgt Ion:117 Resp: 165033

Ion Ratio Lower Upper

117 100

201 104.6 78.2 117.2

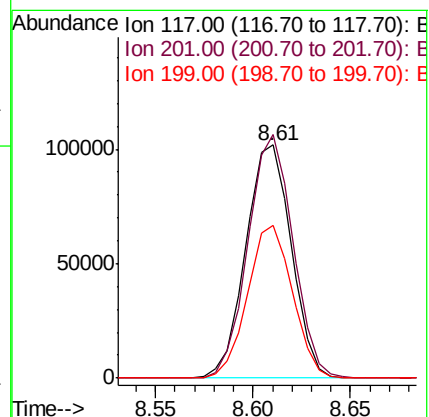
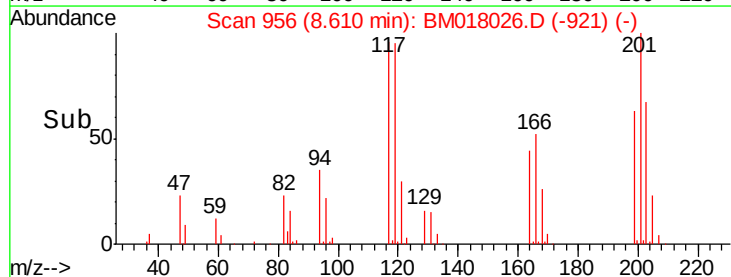
199 65.5 49.5 74.3

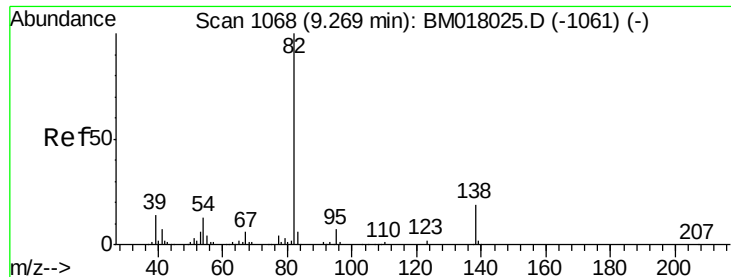


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#21

Isophorone

Concen: 33.634 ng/ul

RT: 9.27 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

ClientSampled :

A4131

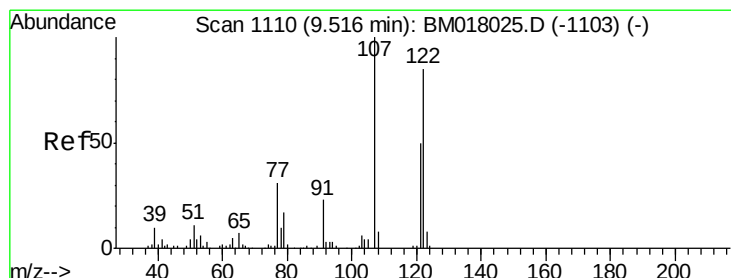
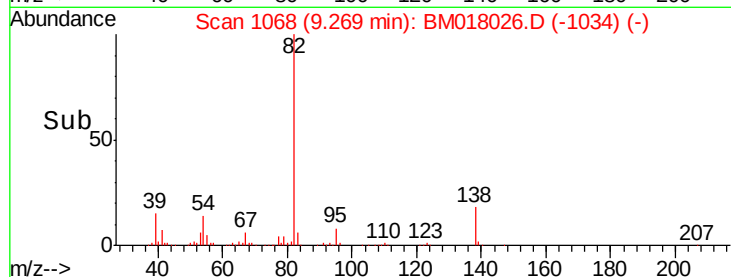
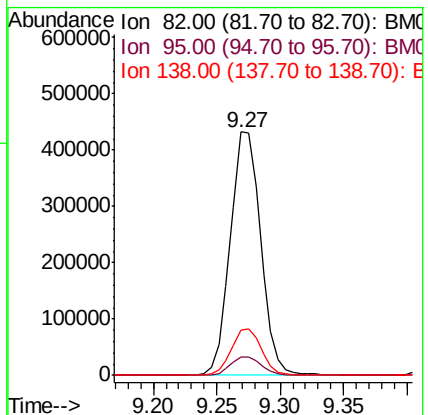
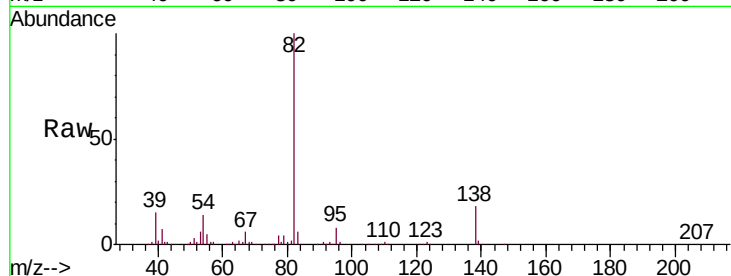
Tgt Ion: 82 Resp: 720166

Ion Ratio Lower Upper

82 100

95 7.6 6.1 9.1

138 18.4 14.2 21.2



#24

2,4-Dimethylphenol

Concen: 40.779 ng/ul

RT: 9.52 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

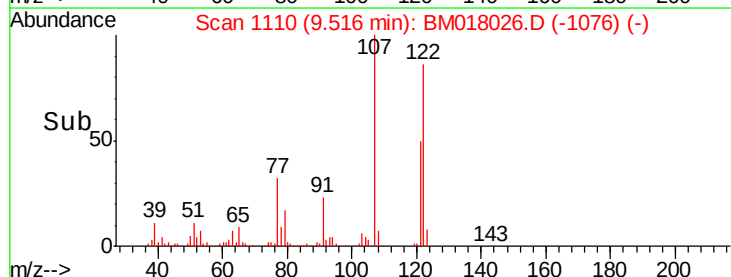
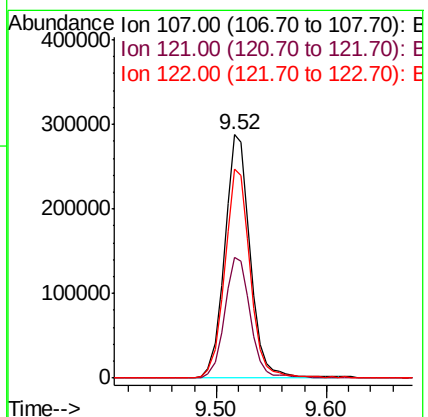
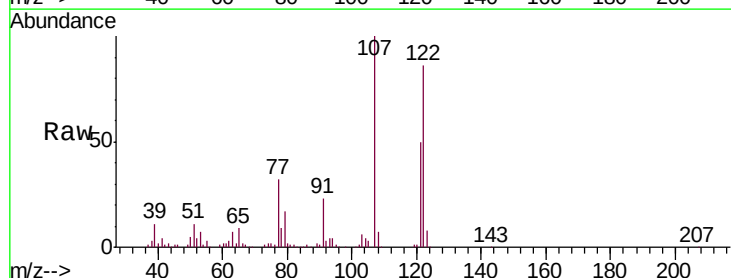
Tgt Ion: 107 Resp: 465817

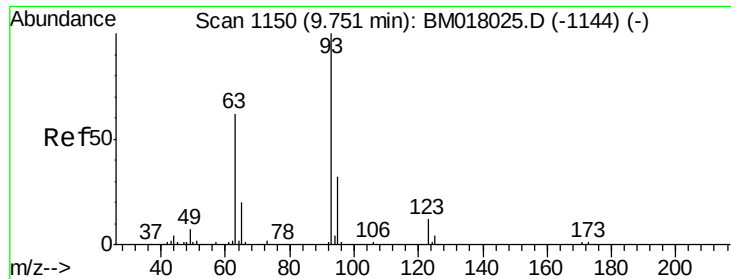
Ion Ratio Lower Upper

107 100

121 49.8 39.6 59.4

122 85.8 68.1 102.1





#25

Bis(2-Chloroethoxy)methane

Concen: 43.297 ng/ul

RT: 9.75 min Scan# 1150

Delta R.T. 0.00 min

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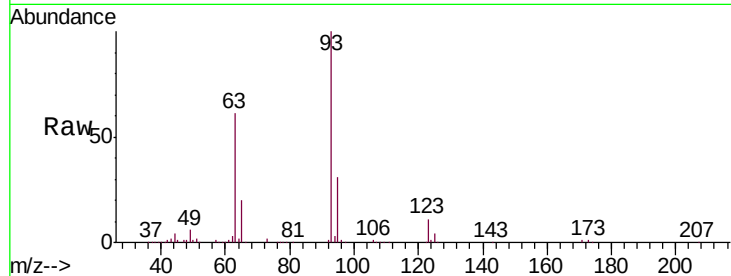
Tgt Ion: 93 Resp: 567317

Ion Ratio Lower Upper

93 100

95 31.5 26.0 39.0

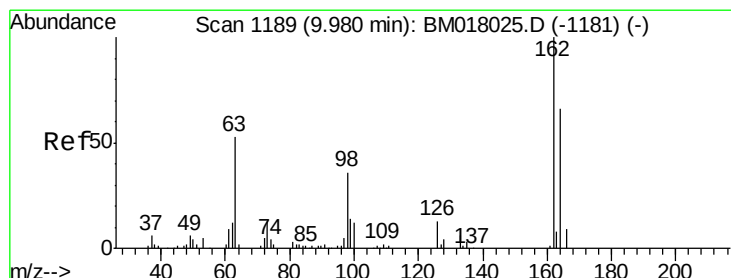
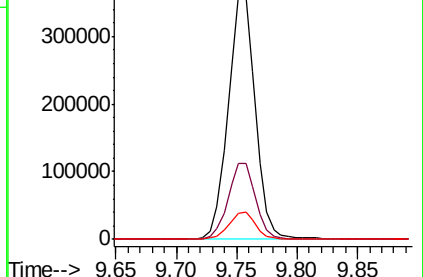
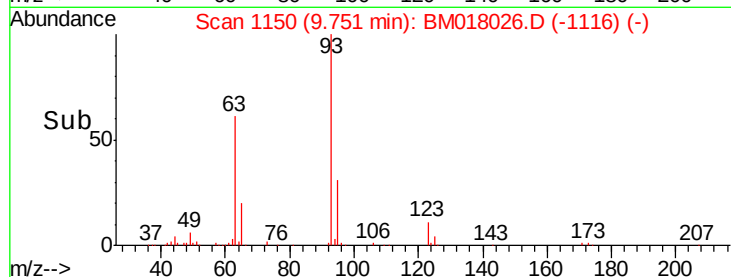
123 10.7 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BM018025.D (-1144) (-)

Ion 95.00 (94.70 to 95.70): BM018025.D (-1144) (-)

Ion 123.00 (122.70 to 123.70): BM018025.D (-1144) (-)



#27

2,4-Dichlorophenol

Concen: 14.499 ng/ul

RT: 9.98 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

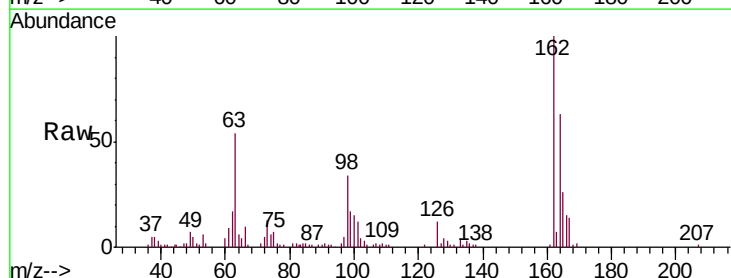
Tgt Ion: 162 Resp: 136935

Ion Ratio Lower Upper

162 100

164 63.0 51.8 77.8

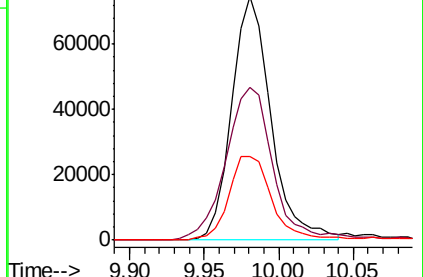
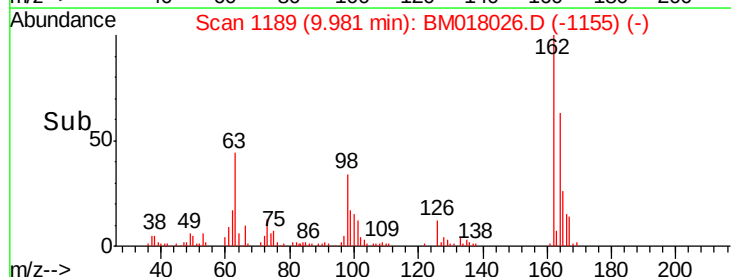
98 34.5 29.0 43.6

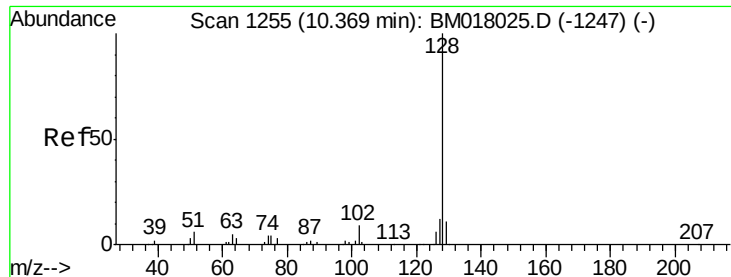


Abundance Ion 162.00 (161.70 to 162.70): BM018025.D (-1181) (-)

Ion 164.00 (163.70 to 164.70): BM018025.D (-1181) (-)

Ion 98.00 (97.70 to 98.70): BM018025.D (-1181) (-)





#28

Naphthalene

Concen: 22.506 ng/ul

RT: 10.37 min Scan# 1255

Delta R.T. 0.00 min

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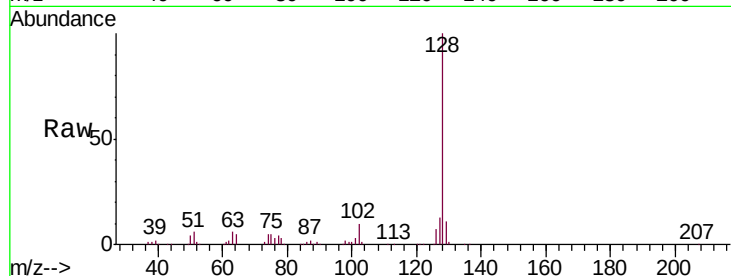
Tgt Ion:128 Resp: 700082

Ion Ratio Lower Upper

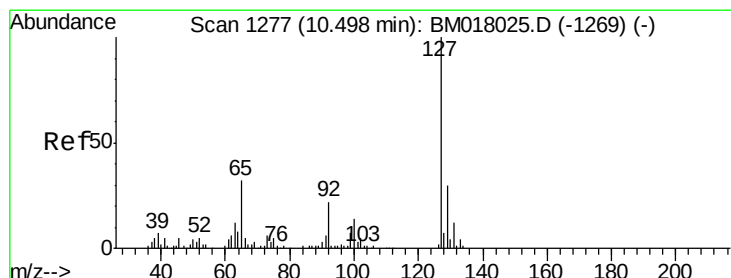
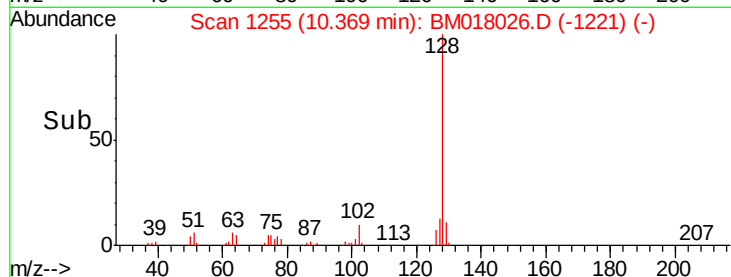
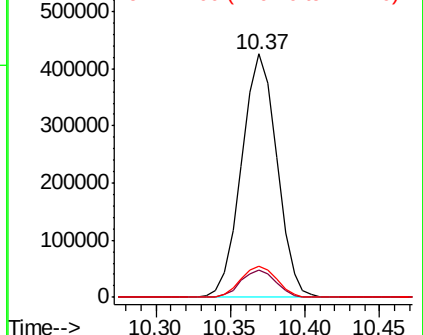
128 100

129 11.1 8.6 12.8

127 12.8 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



#30

4-Chloroaniline

Concen: 10.508 ng/ul

RT: 10.37 min Scan# 1255

Delta R.T. -0.13 min

Lab File: BM018026.D

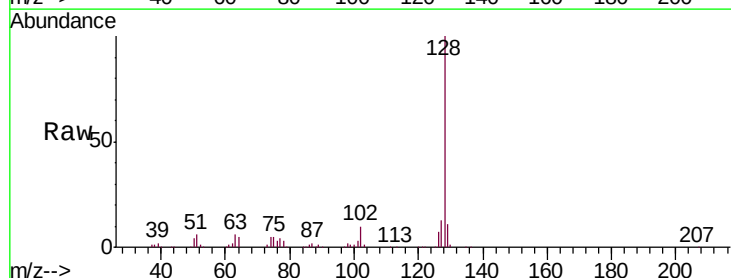
Acq: 10 Dec 2018 15:39

Tgt Ion:127 Resp: 92024

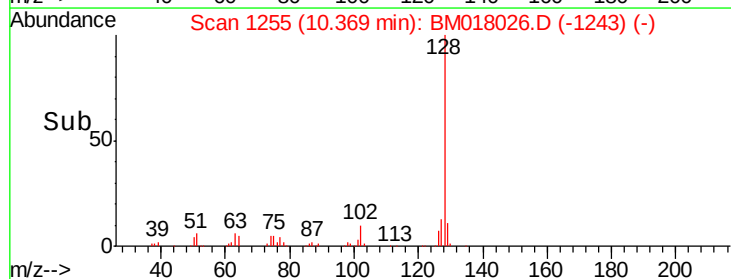
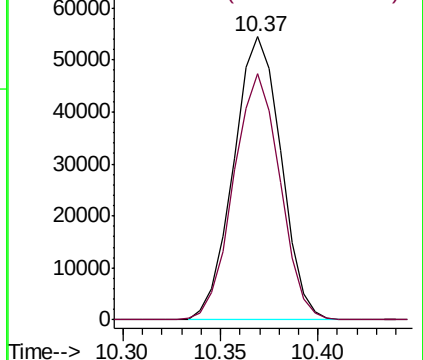
Ion Ratio Lower Upper

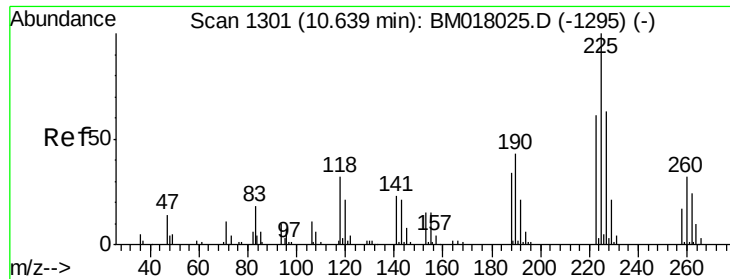
127 100

129 87.2 24.6 37.0#



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





#31

Hexachlorobutadiene

Concen: 60.202 ng/ul

RT: 10.65 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

ClientSampleId :

A4131

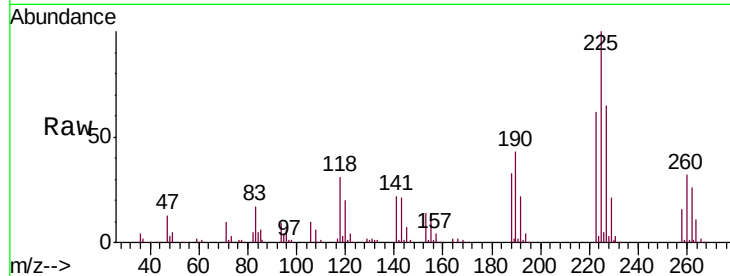
Tgt Ion:225 Resp: 377620

Ion Ratio Lower Upper

225 100

223 62.3 48.8 73.2

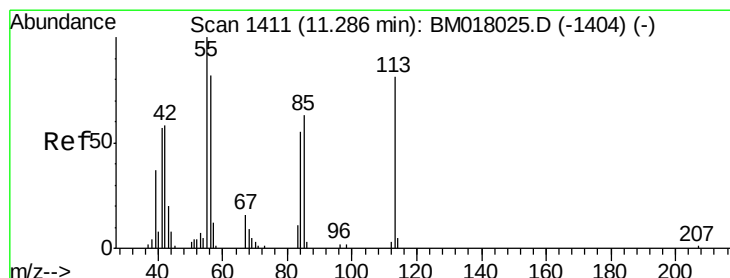
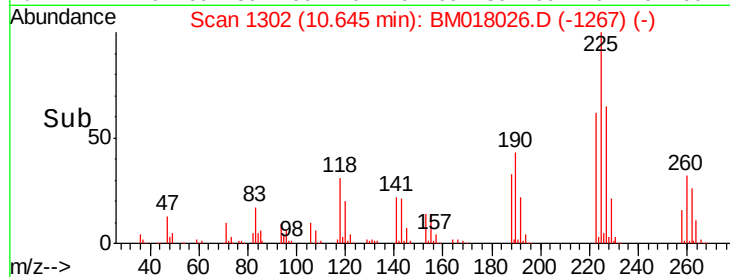
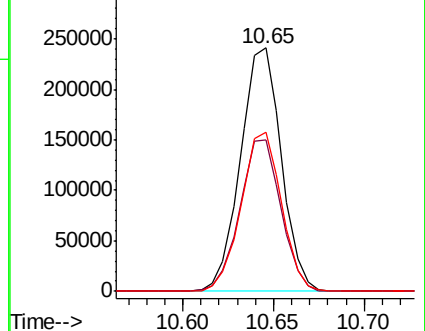
227 65.4 50.3 75.5



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: 28.688 ng/ul

RT: 11.29 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

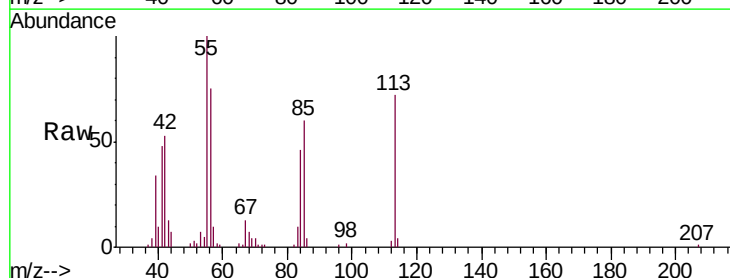
Tgt Ion:113 Resp: 89643

Ion Ratio Lower Upper

113 100

55 138.7 110.6 166.0

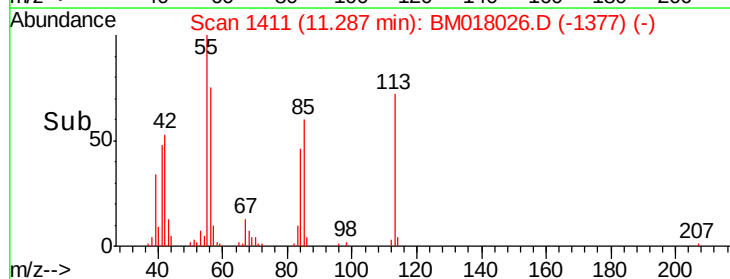
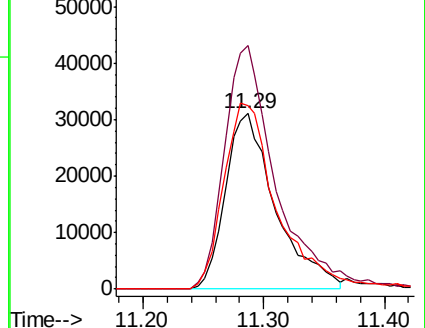
56 104.6 88.2 132.4

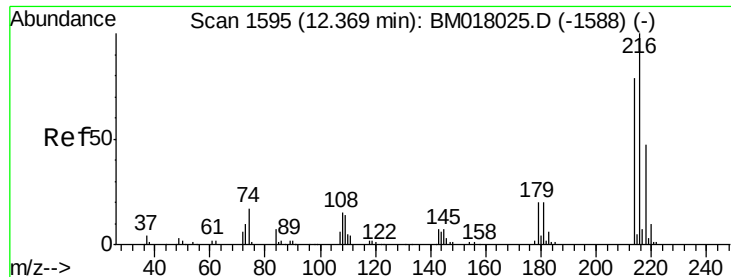


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM

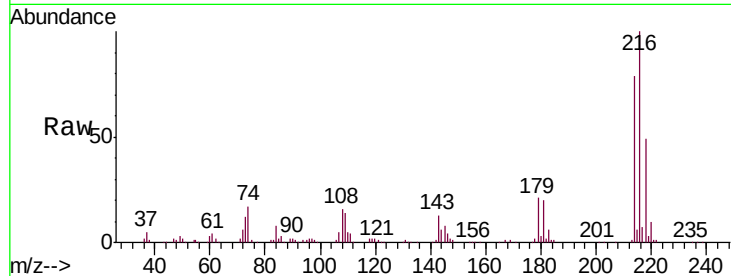




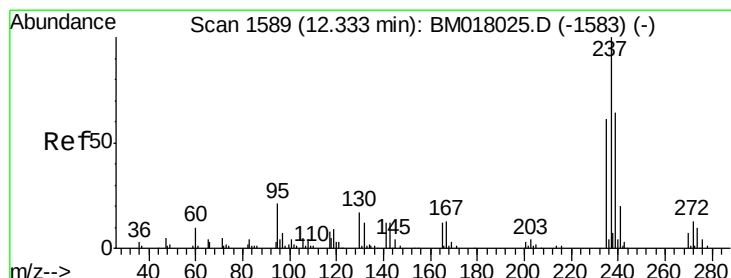
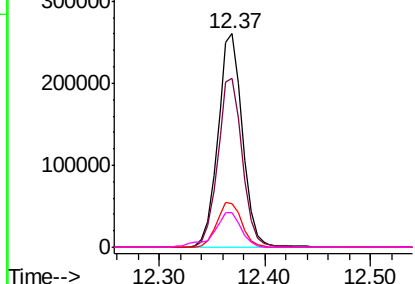
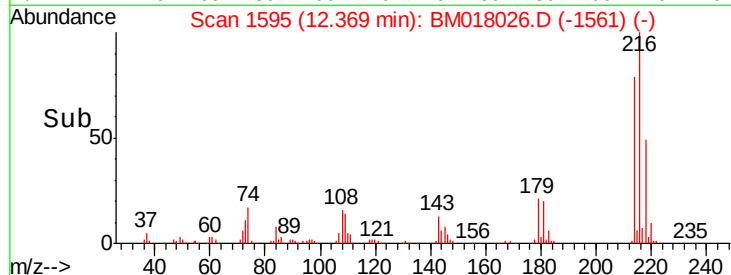
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.000 ng/ul
 RT: 12.37 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

Instrument :
 BNA_M
 ClientSampleId :
 A4131

Tgt Ion:	216	Resp:	419991
Ion	Ratio	Lower	Upper
216	100		
214	79.3	61.3	91.9
179	20.6	17.0	25.4
108	16.2	12.8	19.2

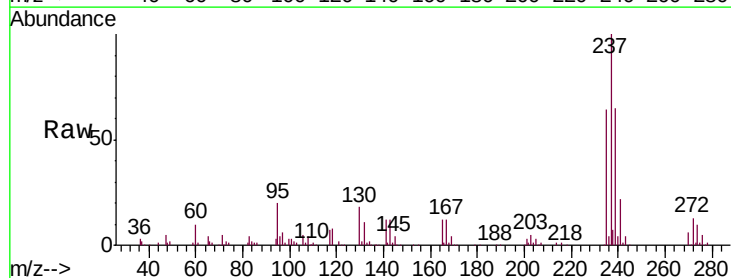


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

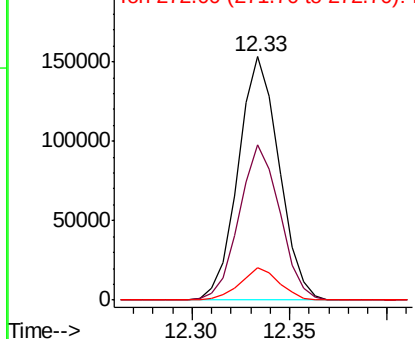
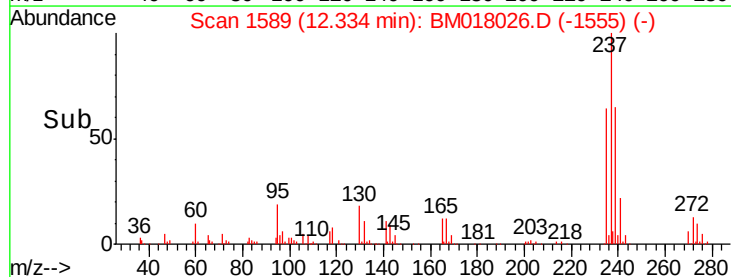


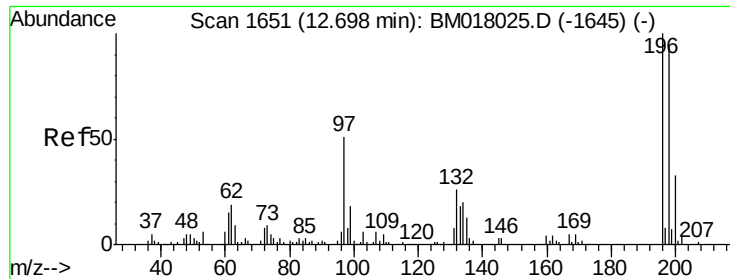
#37
 Hexachlorocyclopentadiene
 Concen: 32.833 ng/ul
 RT: 12.33 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

Tgt Ion:	237	Resp:	222318
Ion	Ratio	Lower	Upper
237	100		
235	63.9	48.6	73.0
272	13.5	9.4	14.0



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E

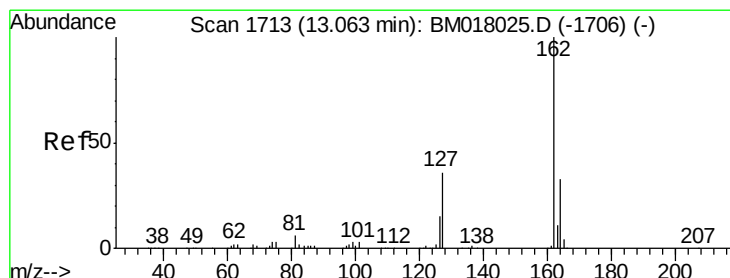
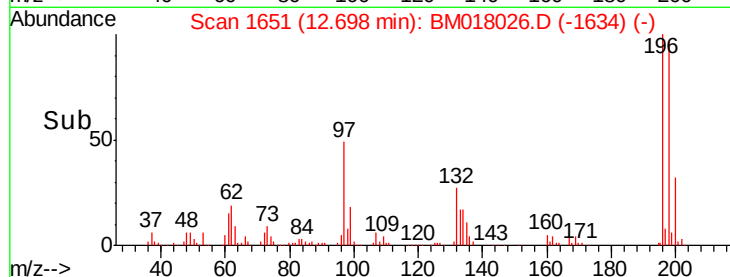
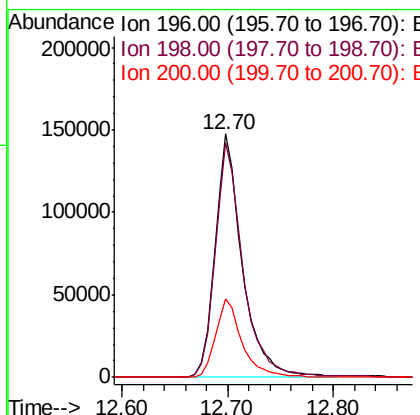
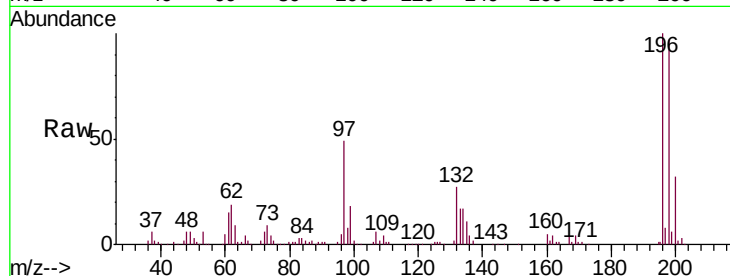




#39
 2,4,5-Trichlorophenol
 Concen: 36.481 ng/ul
 RT: 12.70 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

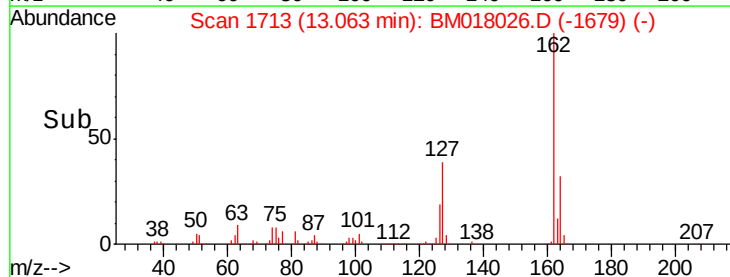
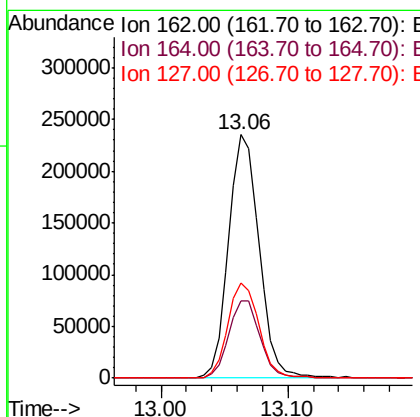
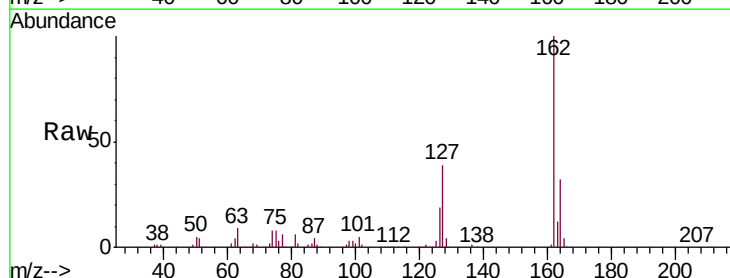
Instrument :
 BNA_M
 ClientSampled :
 A4131

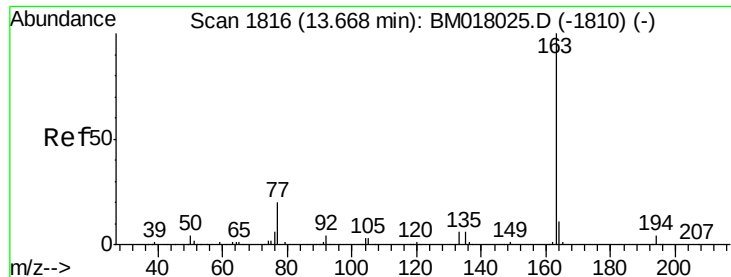
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.2	115.8
200	32.1	25.8	38.8



#41
 2-Chloronaphthalene
 Concen: 19.435 ng/ul
 RT: 13.06 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
162	100		
164	31.9	26.1	39.1
127	38.9	31.8	47.8





#44

Dimethylphthalate

Concen: 17.176 ng/ul

RT: 13.67 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

ClientSampleId :

A4131

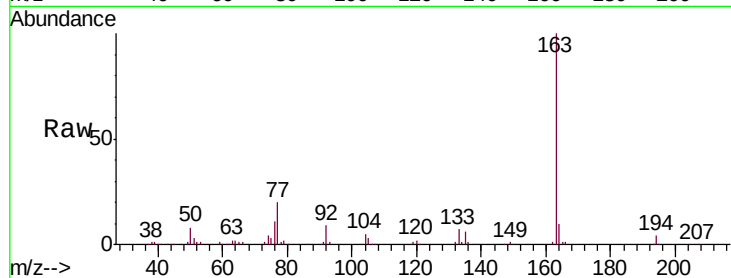
Tgt Ion:163 Resp: 454331

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

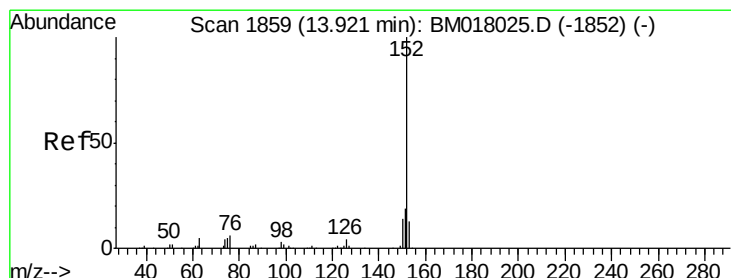
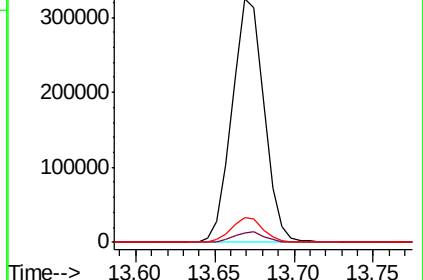
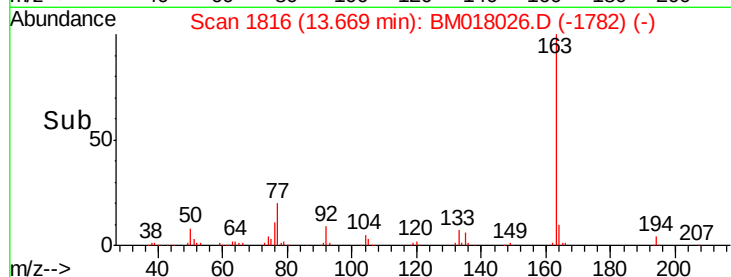
164 10.4 8.1 12.1



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



#47

Acenaphthylene

Concen: 22.646 ng/ul

RT: 13.92 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

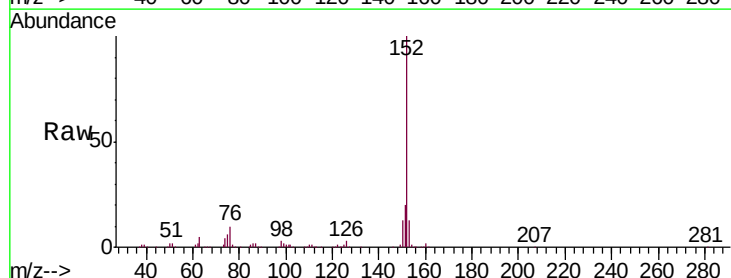
Tgt Ion:152 Resp: 698850

Ion Ratio Lower Upper

152 100

151 19.5 16.0 24.0

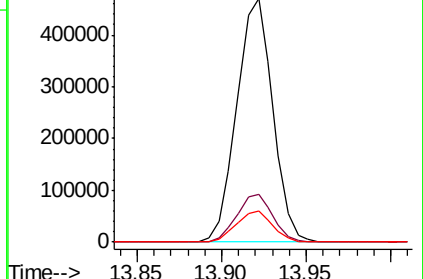
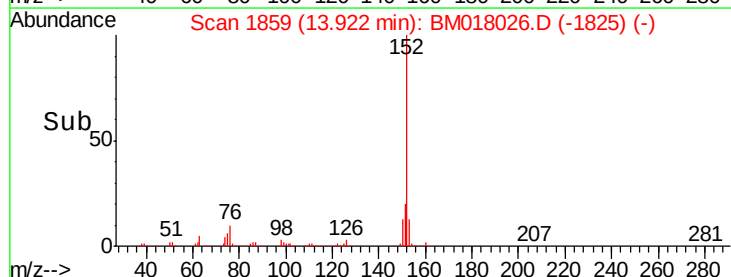
153 12.7 10.4 15.6

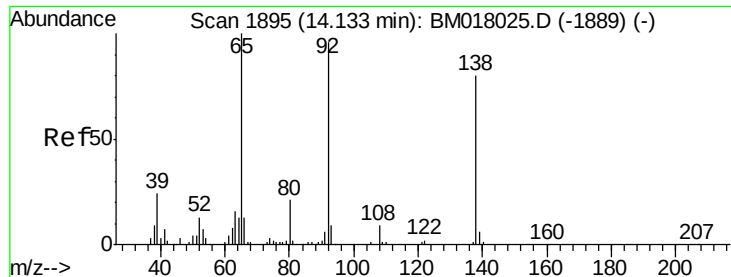


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

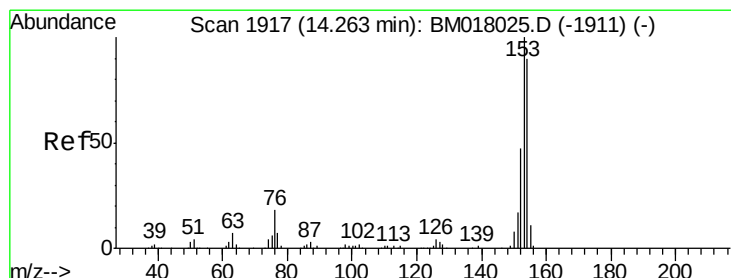
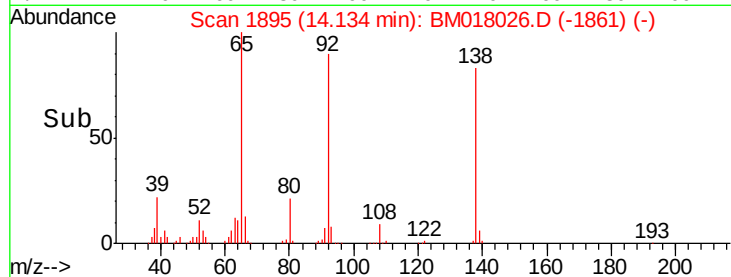
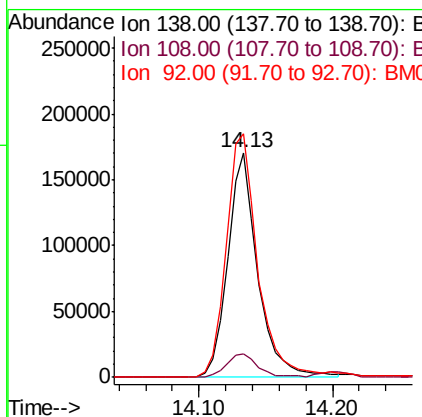
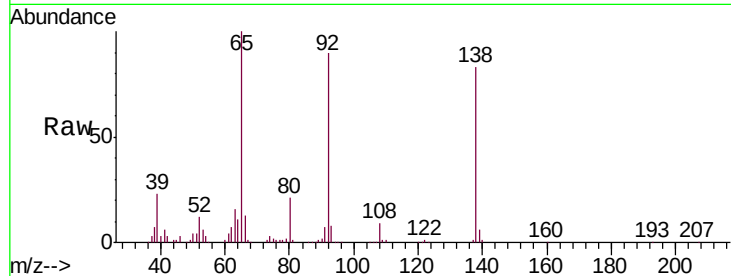




#48
 3-Nitroaniline
 Concen: 53.943 ng/ul
 RT: 14.13 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

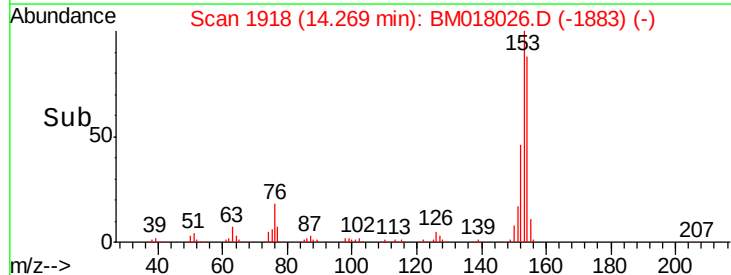
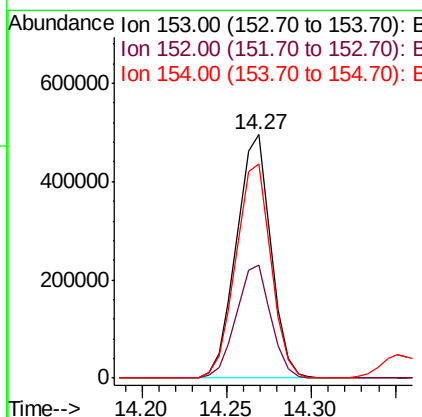
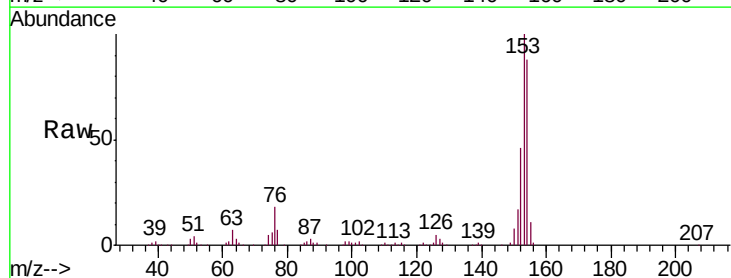
Instrument :
 BNA_M
 ClientSampled :
 A4131

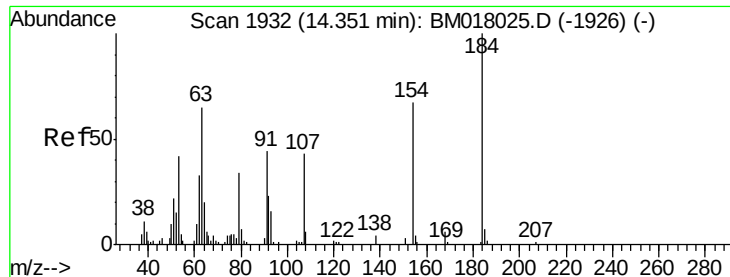
Tgt Ion:138 Resp: 267484
 Ion Ratio Lower Upper
 138 100
 108 10.6 9.0 13.4
 92 108.3 98.8 148.2



#49
 Acenaphthene
 Concen: 31.843 ng/ul
 RT: 14.27 min Scan# 1918
 Delta R.T. 0.01 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

Tgt Ion:153 Resp: 708209
 Ion Ratio Lower Upper
 153 100
 152 46.2 37.0 55.6
 154 88.2 70.6 106.0

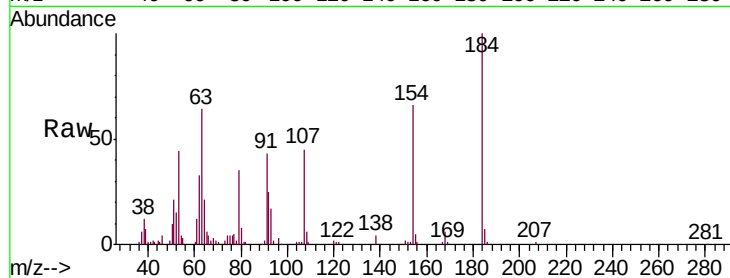




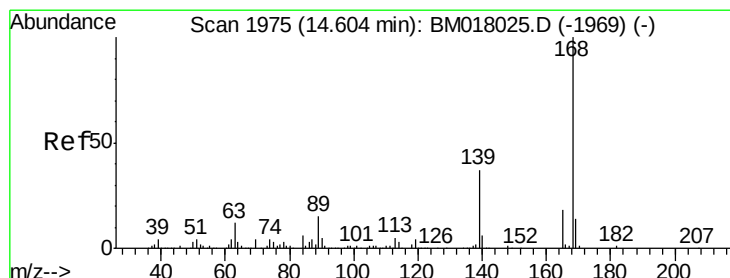
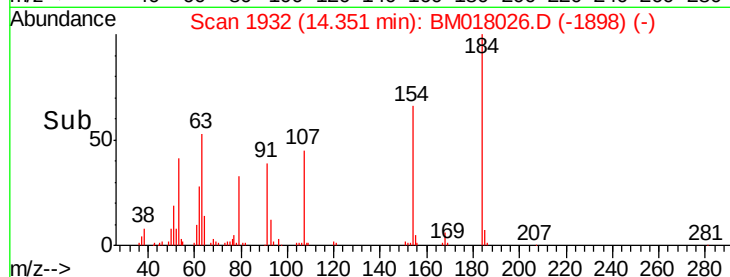
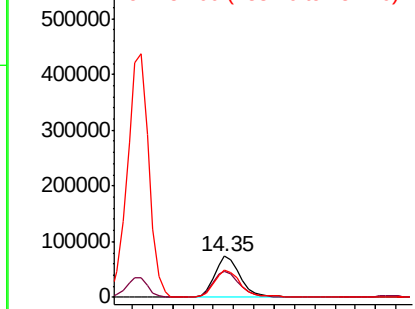
#50
2,4-Dinitrophenol
Concen: 37.976 ng/ul
RT: 14.35 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

Instrument :
BNA_M
ClientSampleId :
A4131

Tgt Ion:184 Resp: 133833
Ion Ratio Lower Upper
184 100
63 63.8 54.4 81.6
154 65.9 51.1 76.7

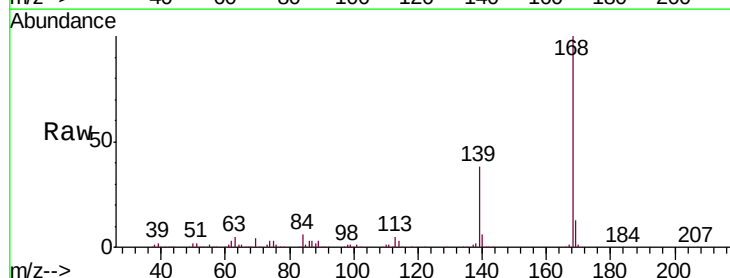


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

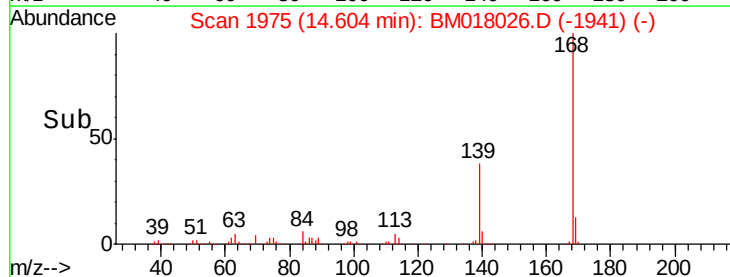
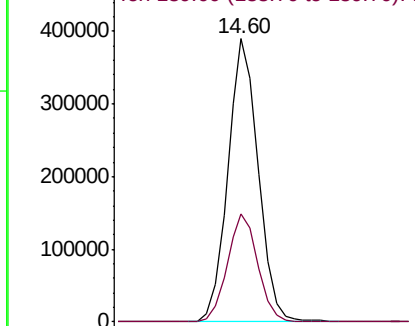


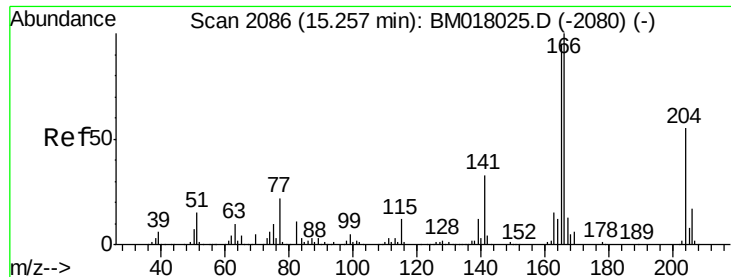
#53
Dibenzofuran
Concen: 17.547 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

Tgt Ion:168 Resp: 552238
Ion Ratio Lower Upper
168 100
139 38.0 30.6 46.0



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





#58

Fluorene

Concen: 6.946 ng/ul

RT: 15.26 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

ClientSampleId :

A4131

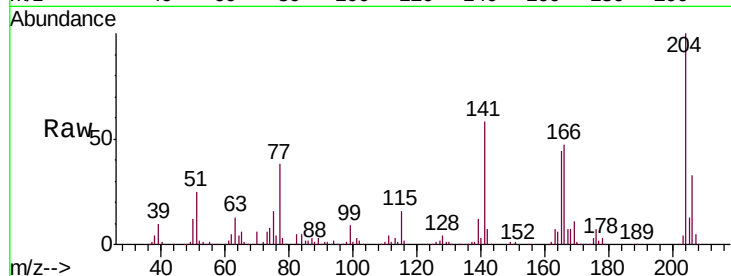
Tgt Ion:166 Resp: 182307

Ion Ratio Lower Upper

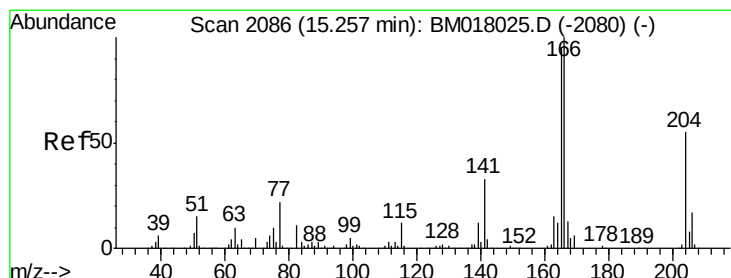
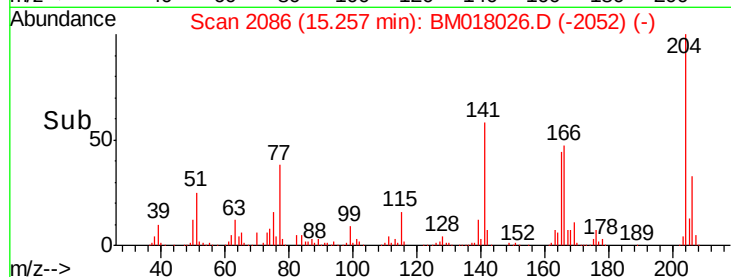
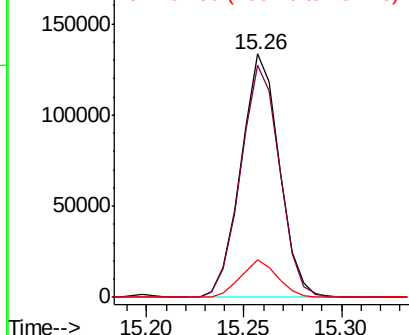
166 100

165 95.4 78.0 117.0

167 15.3 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: 27.805 ng/ul

RT: 15.26 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

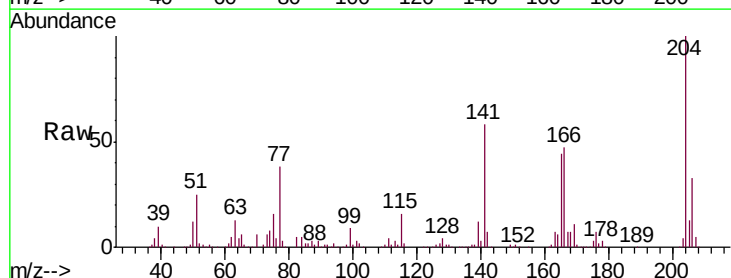
Tgt Ion:204 Resp: 374849

Ion Ratio Lower Upper

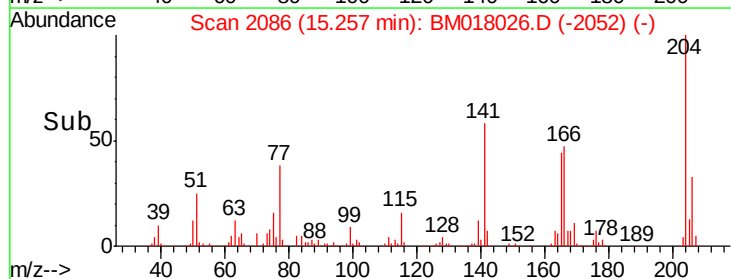
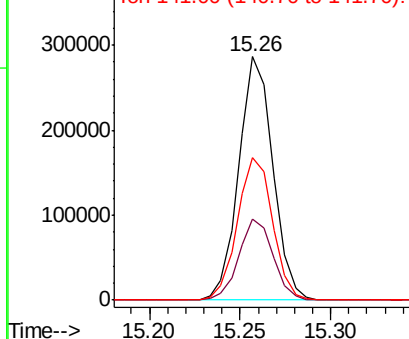
204 100

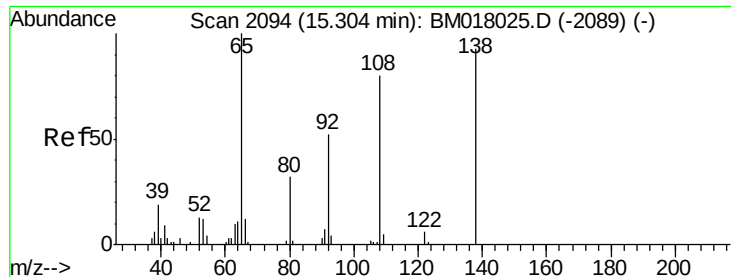
206 33.2 25.6 38.4

141 58.4 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

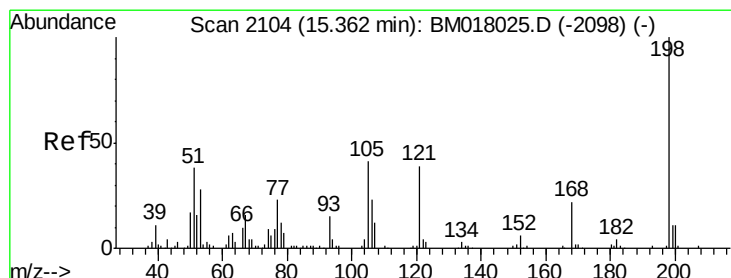
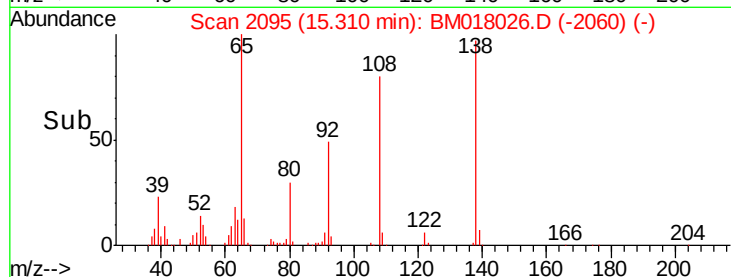
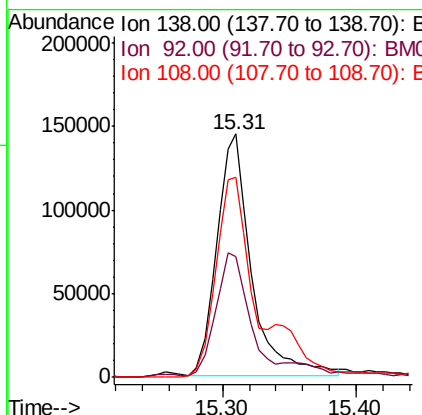
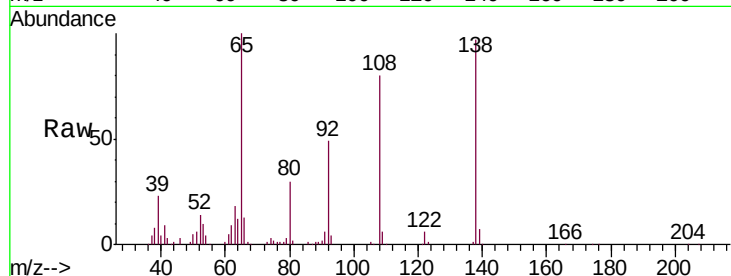




#60
4-Nitroaniline
Concen: 47.685 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

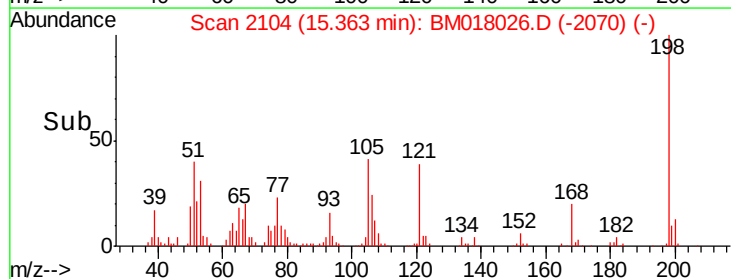
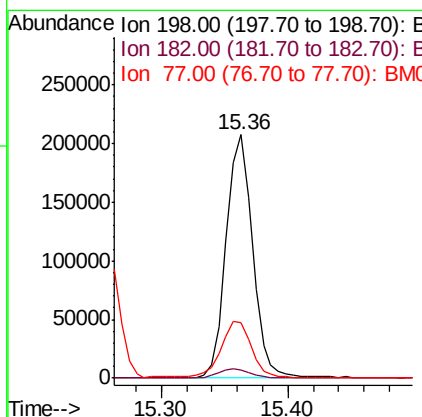
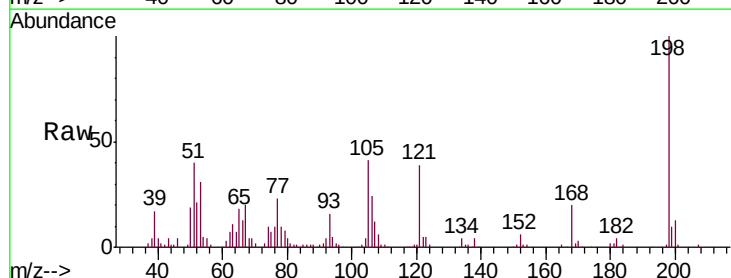
Instrument :
BNA_M
ClientSampleId :
A4131

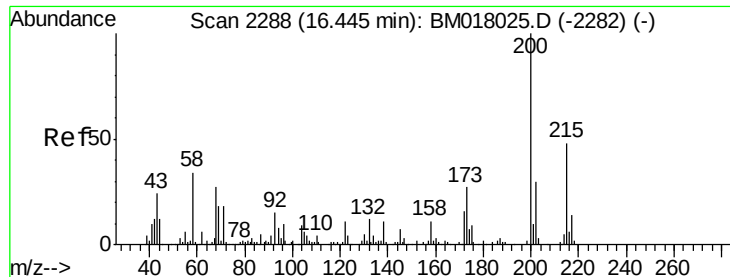
Tgt Ion:138 Resp: 262867
Ion Ratio Lower Upper
138 100
92 49.8 42.8 64.2
108 82.3 70.2 105.4



#63
4,6-Dinitro-2-methylphenol
Concen: 67.793 ng/ul
RT: 15.36 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

Tgt Ion:198 Resp: 300743
Ion Ratio Lower Upper
198 100
182 3.6 3.5 5.3
77 23.0 24.6 36.8#

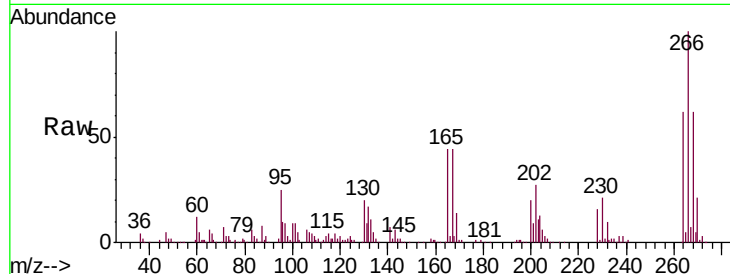




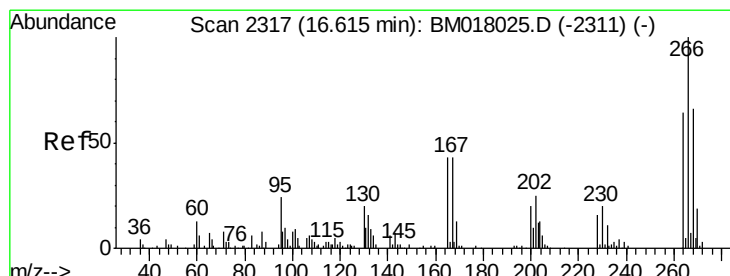
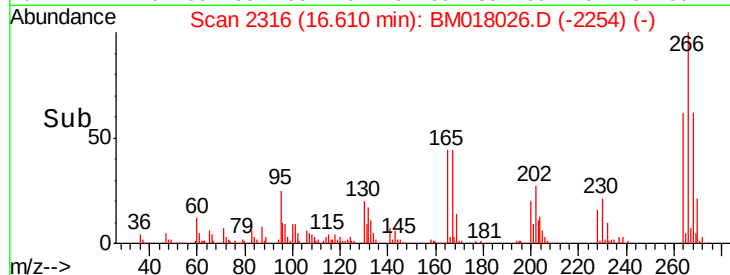
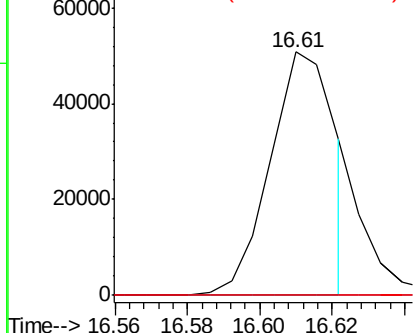
#67
Atrazine
Concen: 9.195 ng/ul
RT: 16.61 min Scan# 2316
Delta R.T. 0.17 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

Instrument :
BNA_M
ClientSampled :
A4131

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

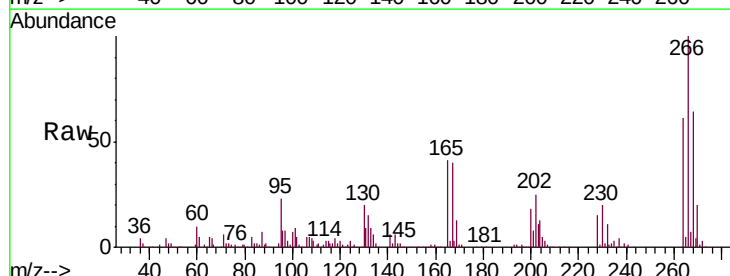


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

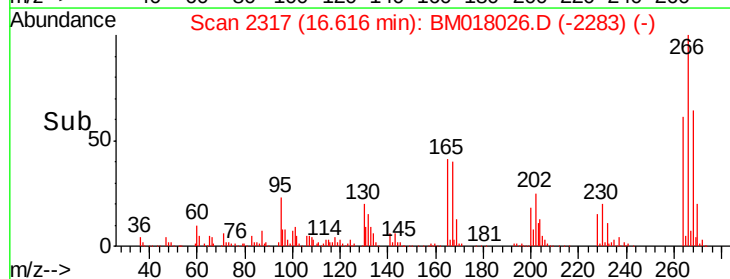
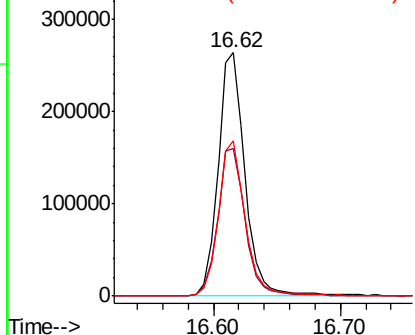


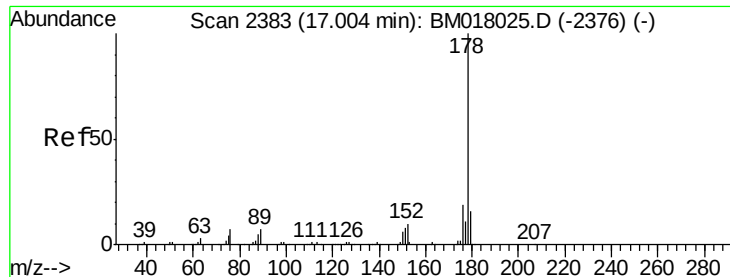
#68
Pentachlorophenol
Concen: 81.554 ng/ul
RT: 16.62 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.8	50.2	75.2
268	63.8	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: 32.107 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. 0.09 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

ClientSampleId :

A4131

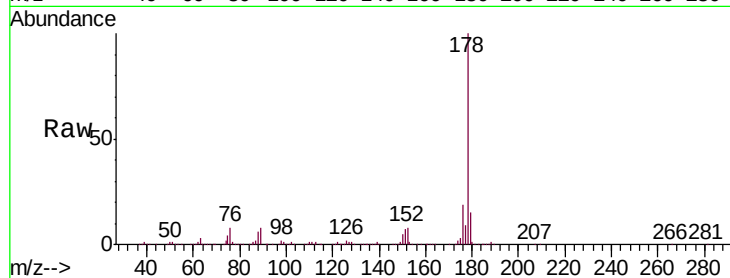
Tgt Ion:178 Resp: 1105559

Ion Ratio Lower Upper

178 100

179 15.2 11.8 17.8

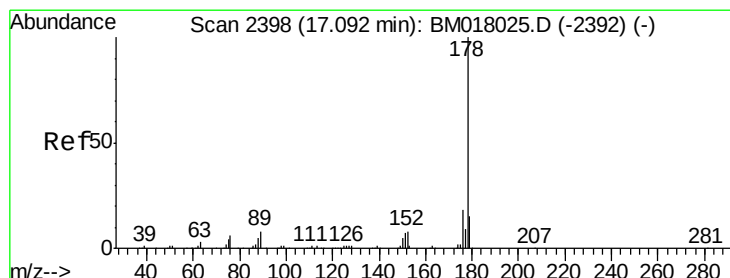
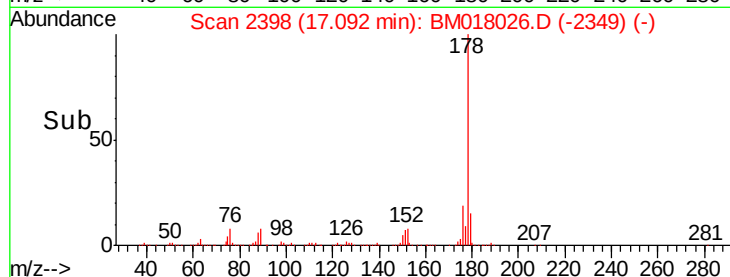
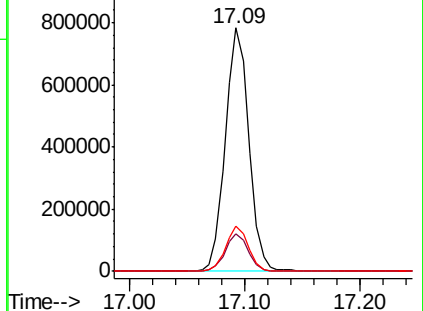
176 18.5 15.0 22.6



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: 31.395 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

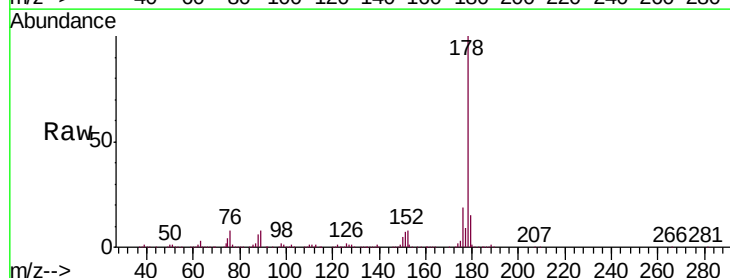
Tgt Ion:178 Resp: 1105559

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

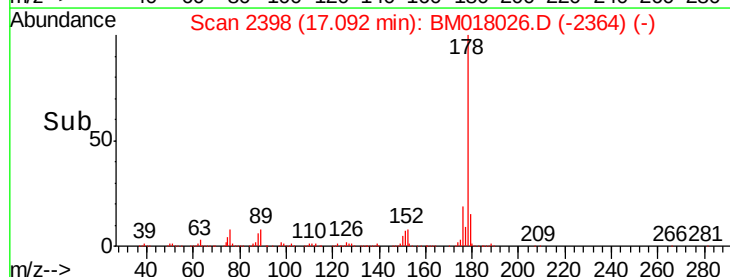
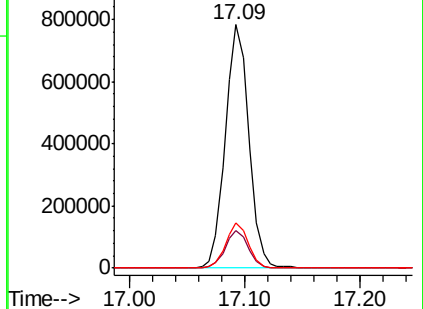
176 18.5 14.8 22.2

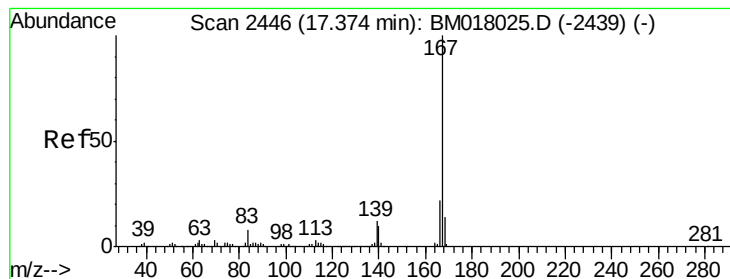


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 35.345 ng/ul

RT: 17.37 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

ClientSampleId :

A4131

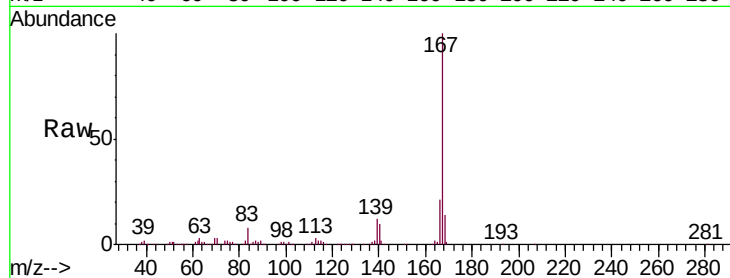
Tgt Ion:167 Resp: 1096734

Ion Ratio Lower Upper

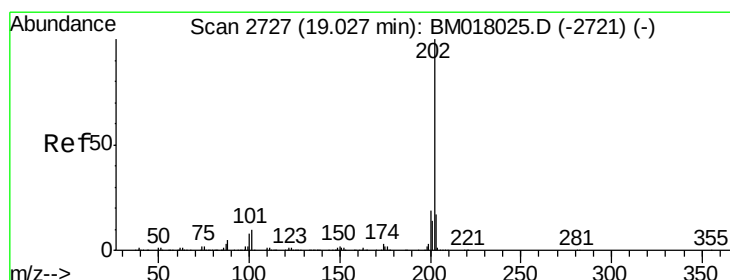
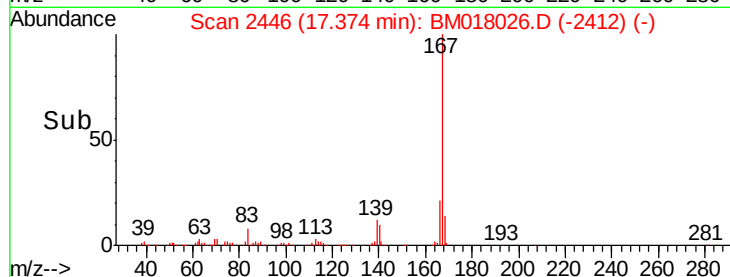
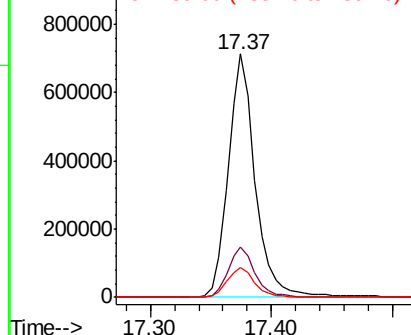
167 100

166 20.6 17.0 25.4

139 12.3 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: 16.561 ng/ul

RT: 19.03 min Scan# 2727

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

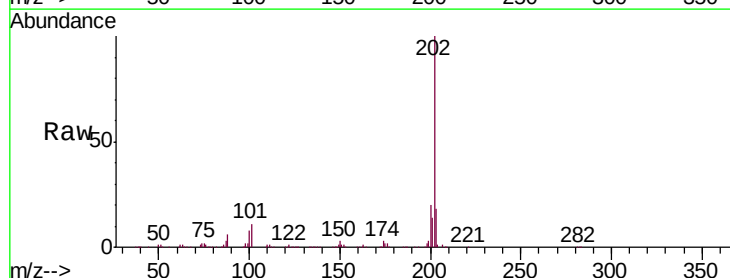
Tgt Ion:202 Resp: 670748

Ion Ratio Lower Upper

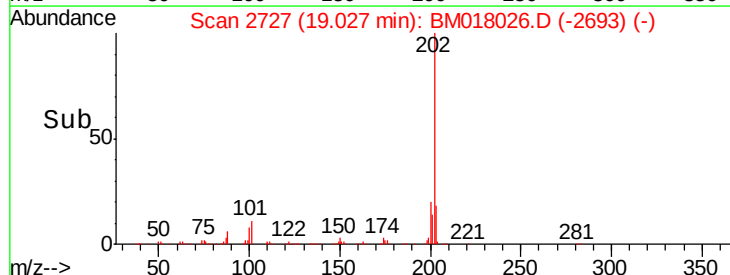
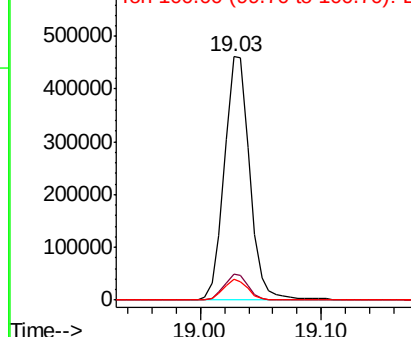
202 100

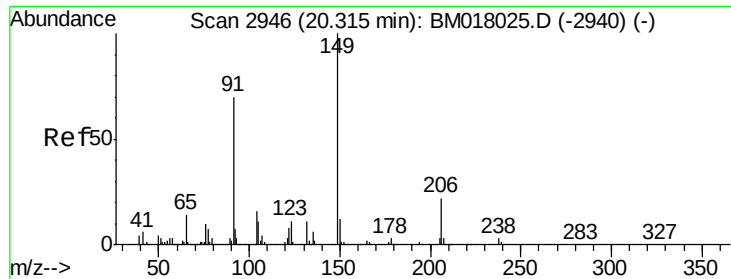
101 10.9 8.4 12.6

100 8.4 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): E

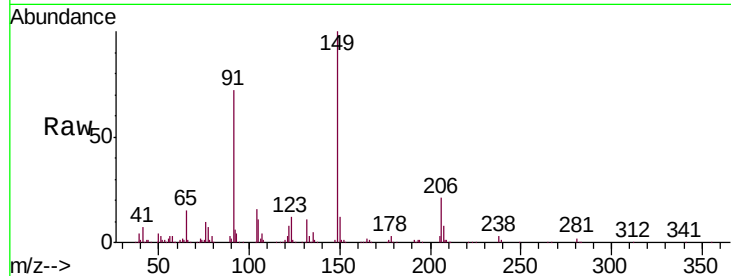




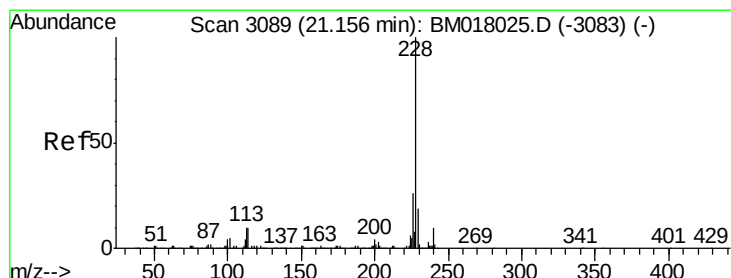
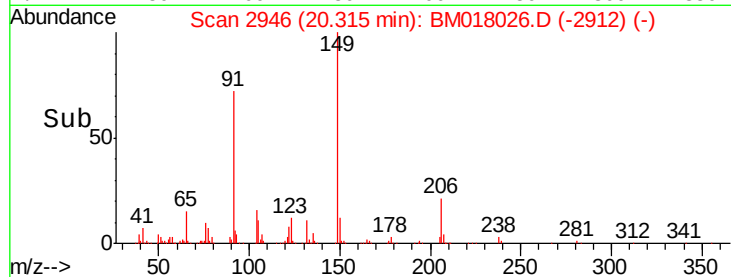
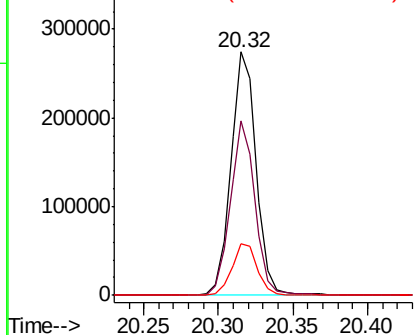
#80
Butylbenzylphthalate
Concen: 22.885 ng/ul
RT: 20.32 min Scan# 2946
Delta R.T. 0.00 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

Instrument :
BNA_M
ClientSampleId :
A4131

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.6	58.0	87.0
206	21.5	16.6	24.8

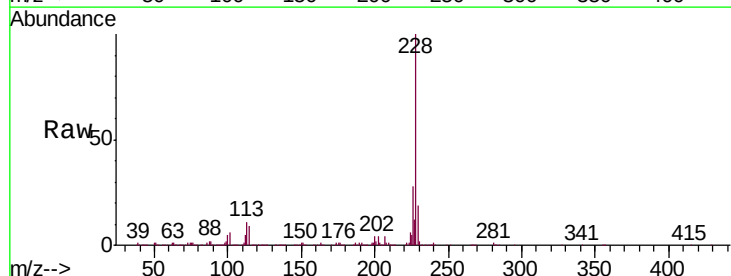


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E

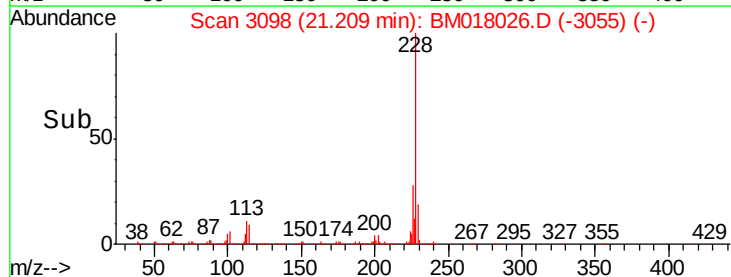
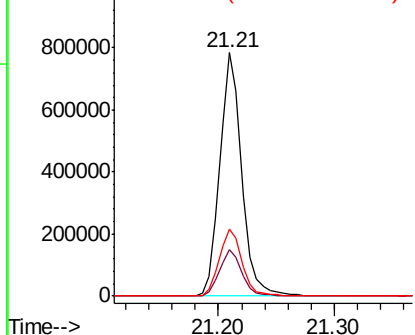


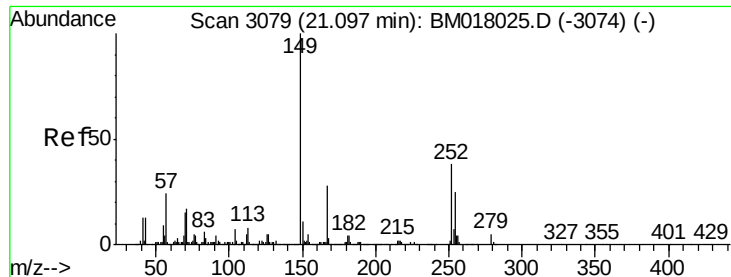
#82
Benzo(a)anthracene
Concen: 29.974 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.05 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.0	16.0	24.0
226	27.6	21.0	31.6



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

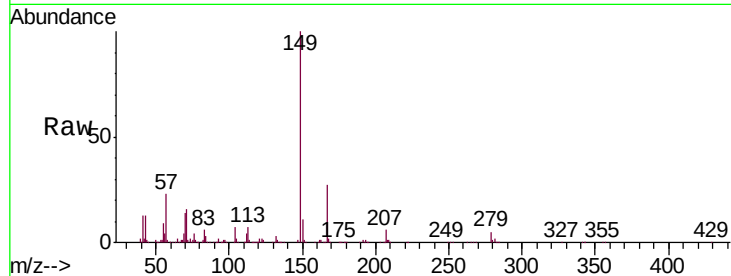




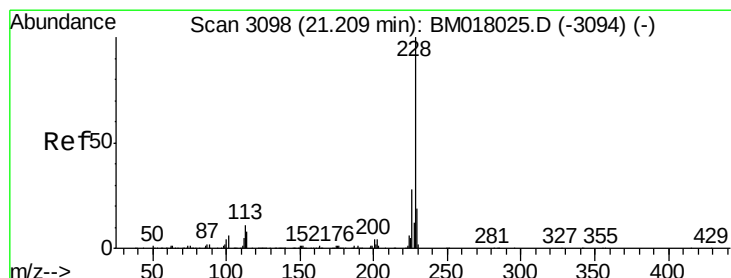
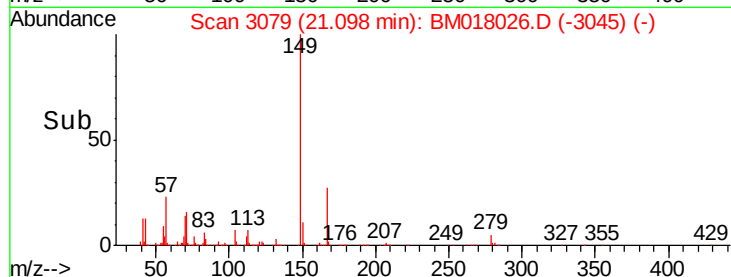
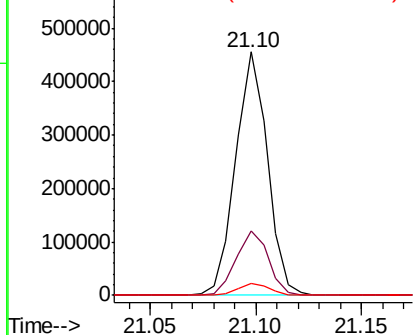
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.423 ng/ul
 RT: 21.10 min Scan# 3079
 Delta R.T. 0.00 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

Instrument :
 BNA_M
 ClientSampleId :
 A4131

Tgt Ion:149 Resp: 473592
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.9 32.9
 279 4.7 3.6 5.4

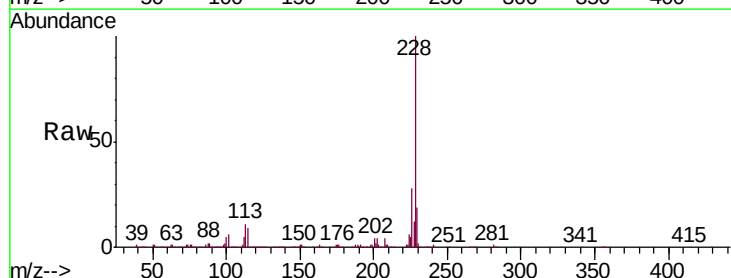


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

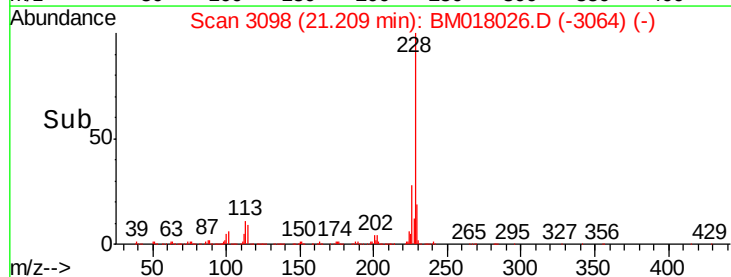
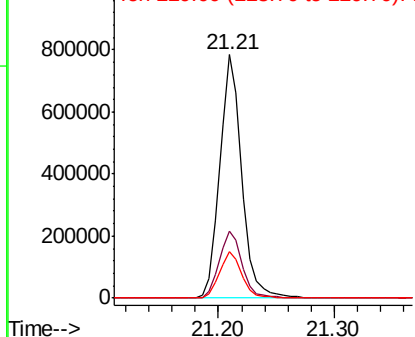


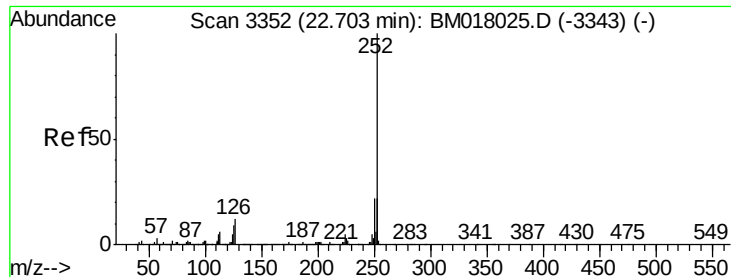
#84
 Chrysene
 Concen: 32.050 ng/ul
 RT: 21.21 min Scan# 3098
 Delta R.T. 0.00 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

Tgt Ion:228 Resp: 1021564
 Ion Ratio Lower Upper
 228 100
 226 27.6 23.7 35.5
 229 19.0 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: 37.140 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. 0.04 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

ClientSampleId :

A4131

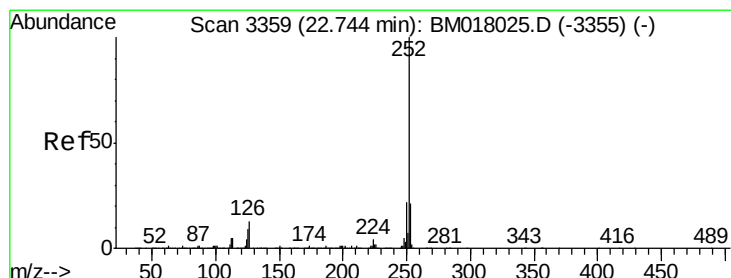
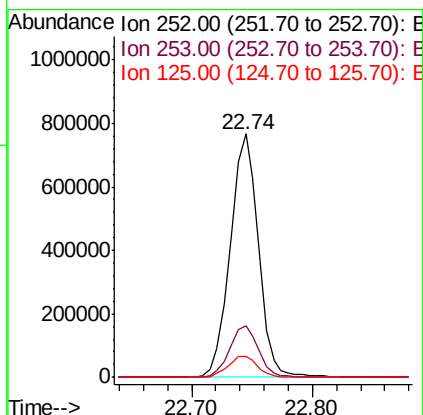
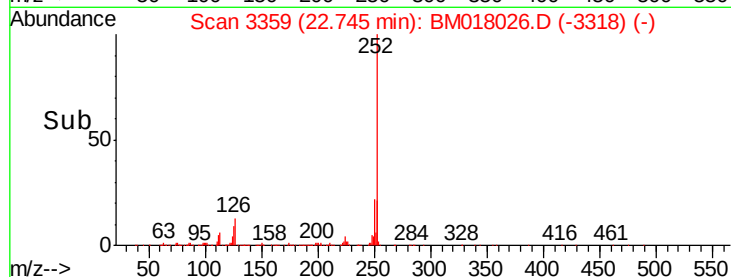
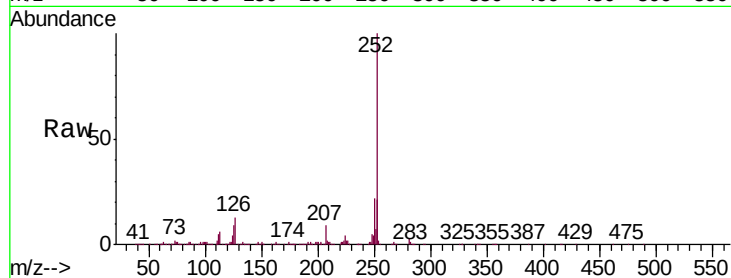
Tgt Ion:252 Resp: 1245771

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

125 8.8 7.3 10.9



#88

Benzo(k)fluoranthene

Concen: 38.218 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

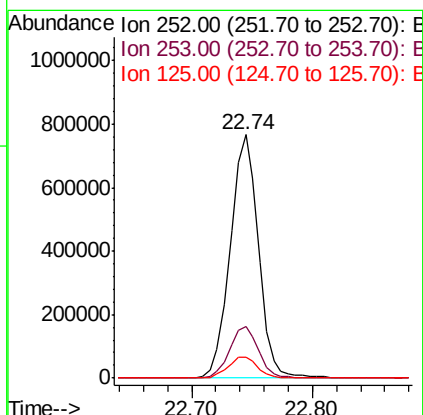
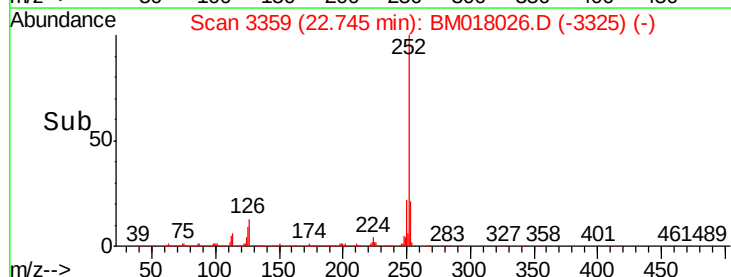
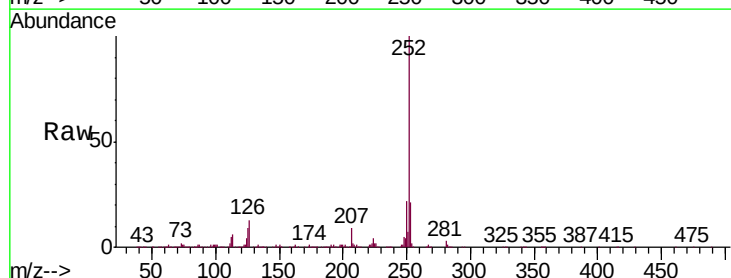
Tgt Ion:252 Resp: 1245890

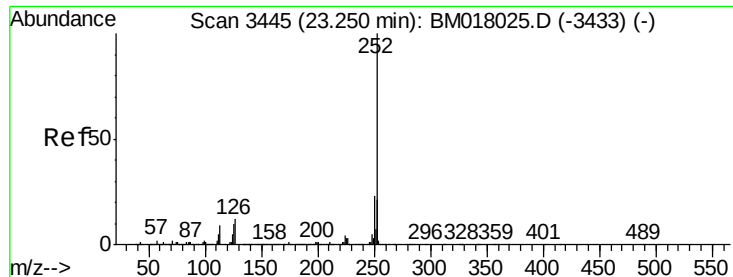
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 8.8 7.1 10.7





#90

Benzo(a)pyrene

Concen: 37.171 ng/ul

RT: 23.26 min Scan# 3446

Delta R.T. 0.01 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

ClientSampleId :

A4131

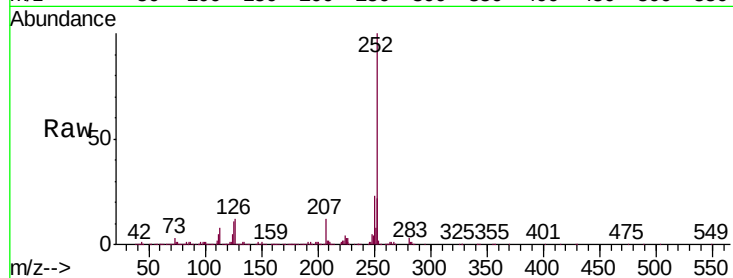
Tgt Ion:252 Resp: 1182375

Ion Ratio Lower Upper

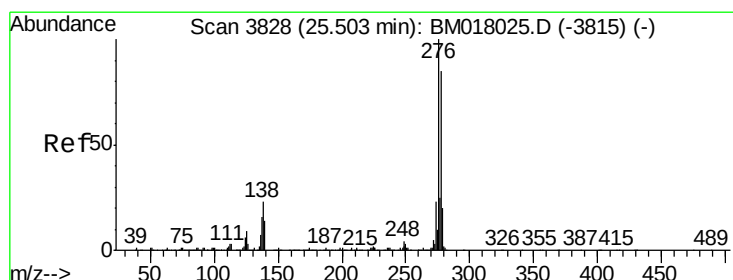
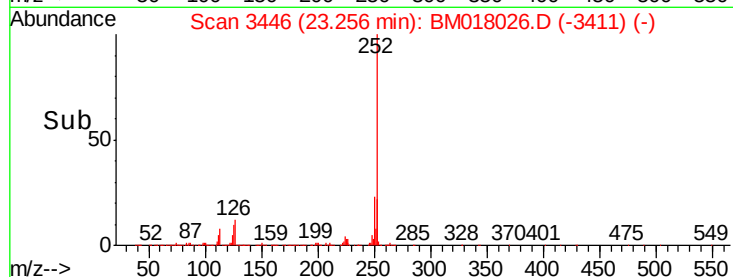
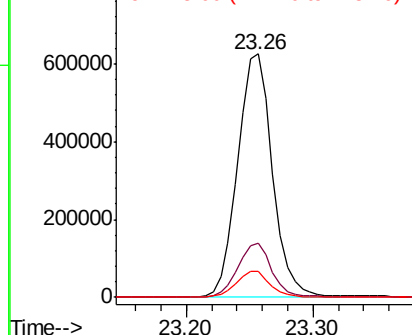
252 100

253 22.4 17.4 26.0

125 10.5 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: 15.031 ng/ul

RT: 25.51 min Scan# 3829

Delta R.T. 0.01 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

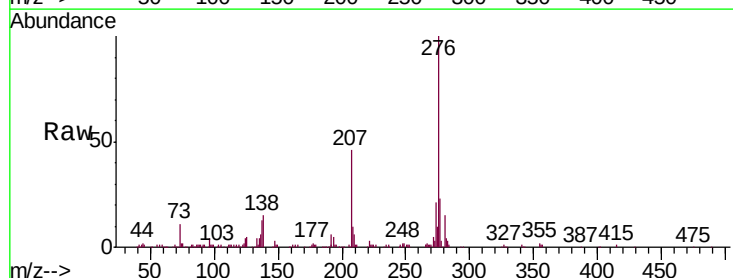
Tgt Ion:276 Resp: 506611

Ion Ratio Lower Upper

276 100

138 15.2 18.2 27.2#

277 22.7 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

