

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120318\
 Data File : BM017878.D
 Acq On : 03 Dec 2018 15:12
 Operator : JU/SJ
 Sample : J6096-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4121

Quant Time: Dec 04 00:28:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 04 00:18:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	173907	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	795673	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	474883	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1069124	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	1106565	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	948667	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	24408	6.42	ng/uL	0.00
5) Phenol-d5	6.77	99	587247	36.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	354001	36.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	484629	39.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	484981	37.37	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	239992	39.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	277492	39.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	509058	38.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	33745	2.95	ng/ul	0.02
43) Dimethylphthalate-d6	13.65	166	1547525	37.56	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1910713	38.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	277073	36.99	ng/ul	0.00
57) Fluorene-d10	15.23	176	1372062	38.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	303067	39.65	ng/ul	0.00
70) Anthracene-d10	17.09	188	2129713	40.01	ng/ul	0.00
78) Pyrene-d10	19.39	212	2368898	44.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	2103919	40.89	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.79	94	320740	20.231	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.03	93	734313	60.627	ng/ul 97
11) 2-Methylphenol	8.03	108	742603	61.394	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.40	70	650114	61.622	ng/ul 97
16) 4-Methylphenol	8.36	108	809463	61.928	ng/ul 90
17) Hexachloroethane	8.64	117	213759	42.462	ng/ul 91
21) Isophorone	9.30	82	1116570	39.128	ng/ul 100
24) 2,4-Dimethylphenol	9.55	107	685415	45.023	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.79	93	852870	48.840	ng/ul 100
27) 2,4-Dichlorophenol	10.01	162	216394	17.191	ng/ul 98
28) Naphthalene	10.40	128	1046039	25.232	ng/ul 99
31) Hexachlorobutadiene	10.67	225	539983	64.594	ng/ul 99
32) Caprolactam	11.30	113	174160	41.821	ng/ul 95
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	677383	42.749	ng/ul 99
37) Hexachlorocyclopentadiene	12.36	237	323433	31.652	ng/ul 98
39) 2,4,5-Trichlorophenol	12.72	196	485704	44.100	ng/ul 99
41) 2-Chloronaphthalene	13.09	162	648861	21.219	ng/ul 99
44) Dimethylphthalate	13.70	163	816835	20.462	ng/ul 99
47) Acenaphthylene	13.95	152	1176442	25.260	ng/ul 99
48) 3-Nitroaniline	14.16	138	22125	2.957	ng/ul 99
49) Acenaphthene	14.29	153	1208642	36.009	ng/ul 99
50) 2,4-Dinitrophenol	14.37	184	249409	46.895	ng/ul 99
53) Dibenzofuran	14.63	168	969629	20.415	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

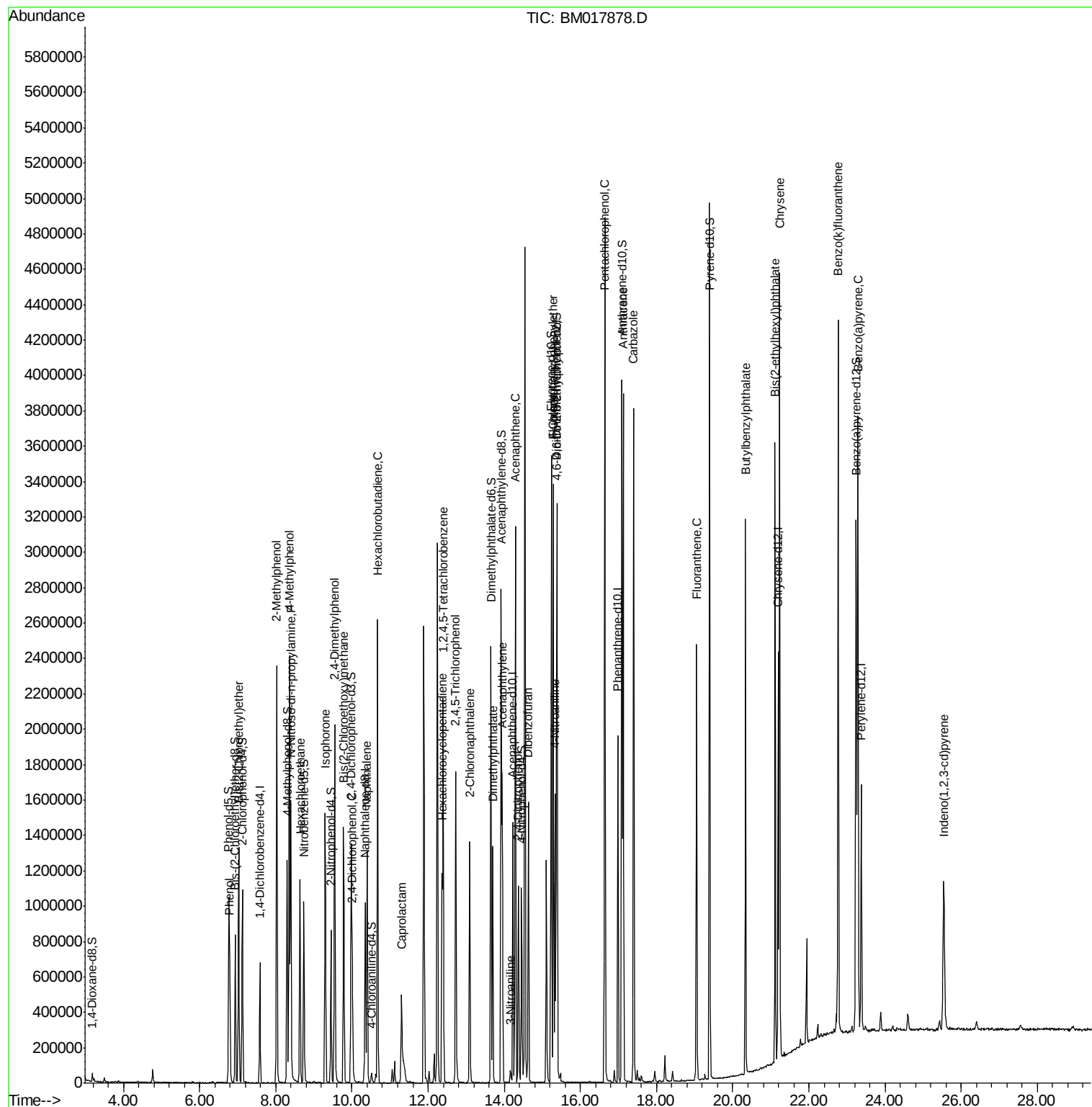
58) Fluorene	15.29	166	331771	8.376	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.29	204	667532	32.810	ng/ul	99
60) 4-Nitroaniline	15.33	138	432963	52.044	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.39	198	606746	77.031	ng/ul#	91
68) Pentachlorophenol	16.64	266	809912	95.867	ng/ul	98
71) Anthracene	17.12	178	2207672	35.308	ng/ul	99
74) Carbazole	17.40	167	2408637	43.718	ng/ul	100
76) Fluoranthene	19.06	202	1492252	20.751	ng/ul	99
80) Butylbenzylphthalate	20.34	149	809132	28.170	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.12	149	1172745	27.572	ng/ul	99
84) Chrysene	21.23	228	2283798	35.579	ng/ul	99
88) Benzo(k)fluoranthene	22.77	252	2569419	44.833	ng/ul	100
90) Benzo(a)pyrene	23.29	252	2386196	42.671	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.54	276	966059	16.304	ng/ul#	92

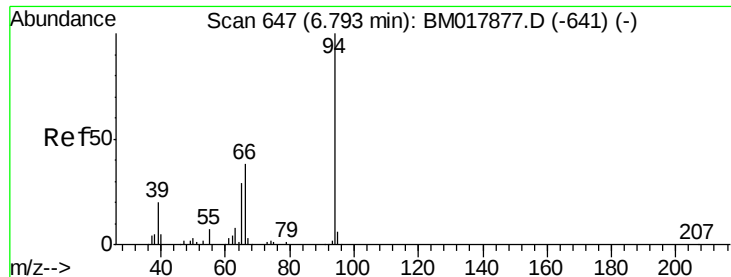
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_M
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Response via : Initial Calibration





#6

Phenol

Concen: 20.231 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

Instrument :

BNA_M

ClientSampleId :

A4121

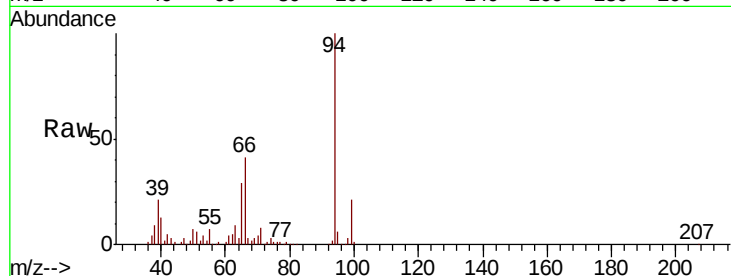
Tot Ion: 94 Resp: 320740

Ion Ratio Lower Upper

94 100

65 29.1 24.7 37.1

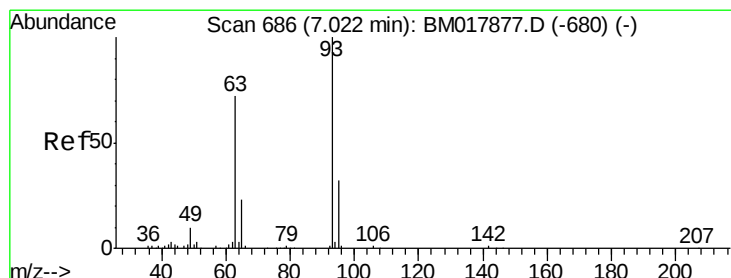
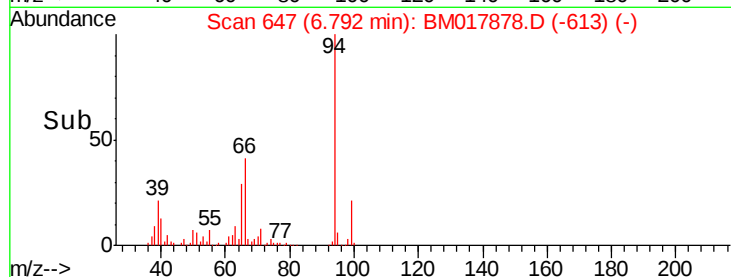
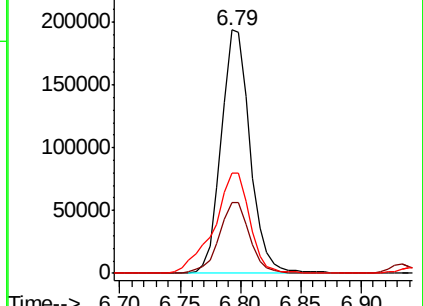
66 41.1 34.6 51.8



Abundance Ion 94.00 (93.70 to 94.70): BM017877.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM017877.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM017877.D (-641) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 60.627 ng/ul

RT: 7.03 min Scan# 687

Delta R.T. 0.01 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

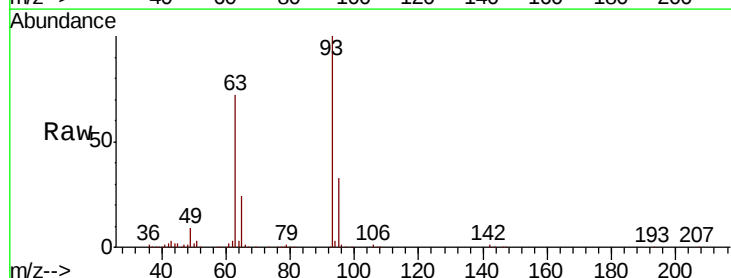
Tgt Ion: 93 Resp: 734313

Ion Ratio Lower Upper

93 100

63 72.3 60.6 90.8

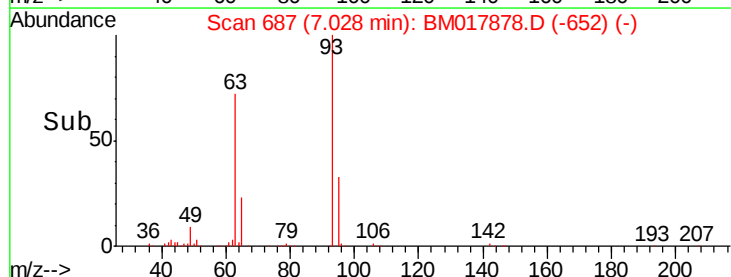
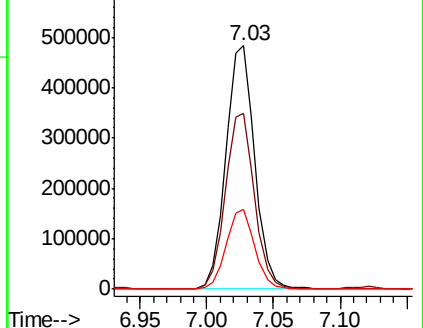
95 32.7 25.4 38.2

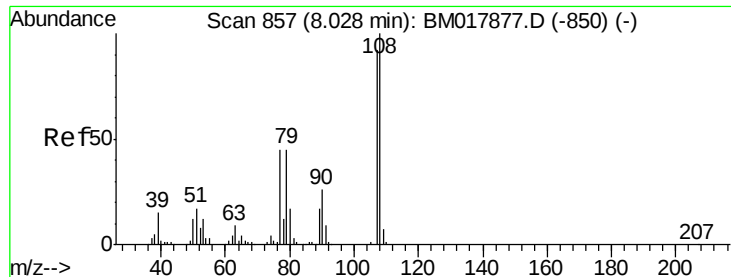


Abundance Ion 93.00 (92.70 to 93.70): BM017877.D (-680) (-)

Ion 63.00 (62.70 to 63.70): BM017877.D (-680) (-)

Ion 95.00 (94.70 to 95.70): BM017877.D (-680) (-)

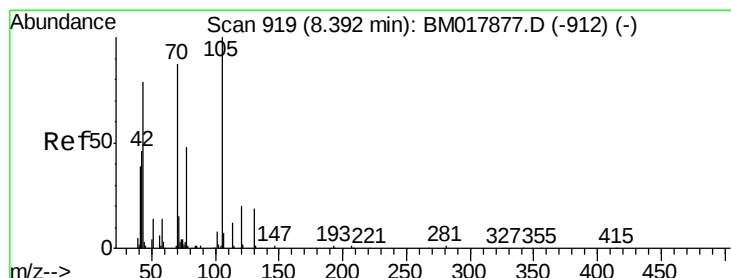
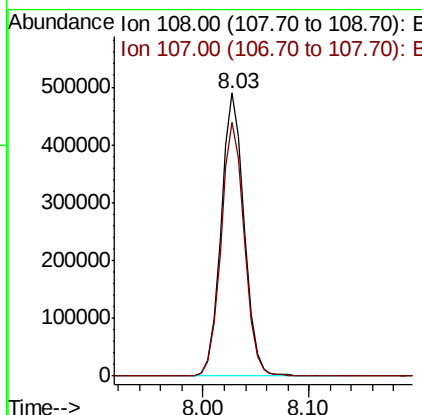
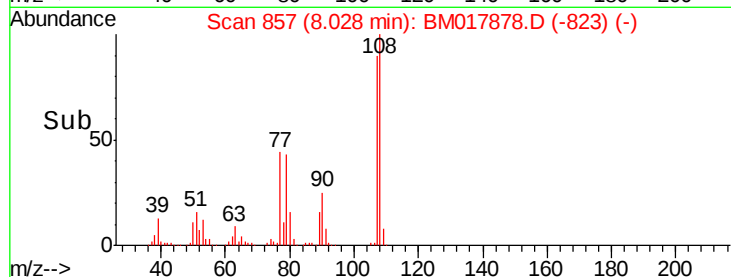
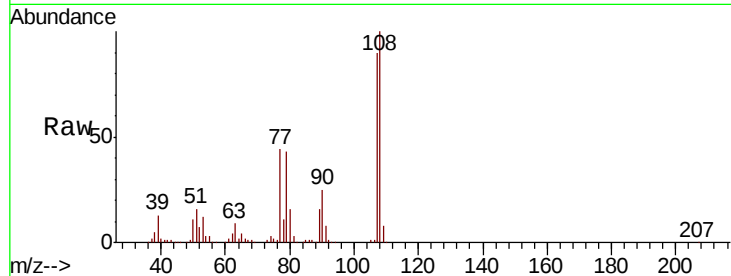




#11
2-Methylphenol
Concen: 61.394 ng/ul
RT: 8.03 min Scan# 857
Delta R.T. -0.00 min
Lab File: BM017878.D
Acq: 03 Dec 2018 15:12

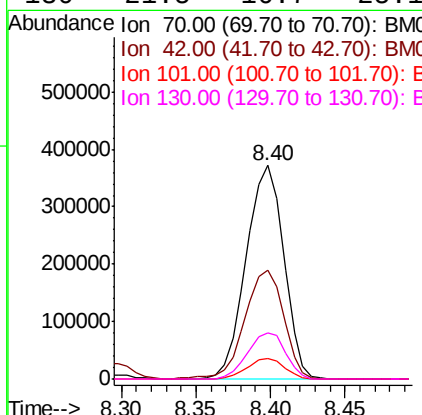
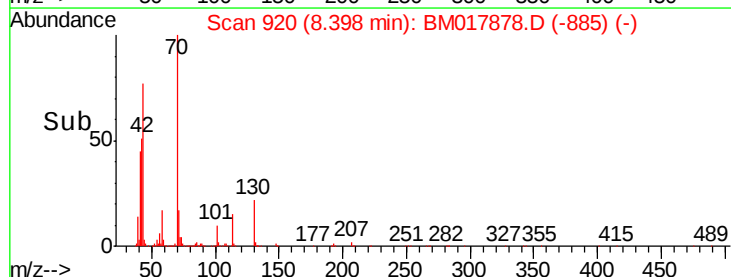
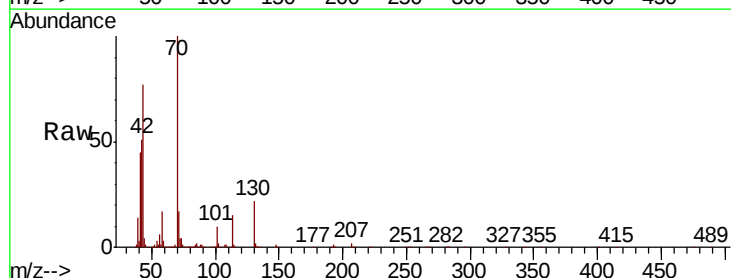
Instrument :
BNA_M
ClientSampled :
A4121

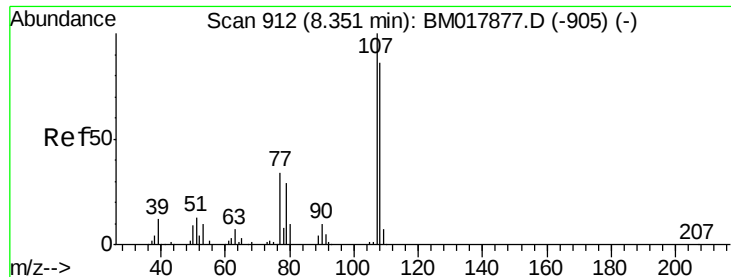
Tot Ion:108 Resp: 742603
Ion Ratio Lower Upper
108 100
107 89.8 70.8 106.2



#15
N-Nitroso-di-n-propylamine
Concen: 61.622 ng/ul
RT: 8.40 min Scan# 920
Delta R.T. 0.01 min
Lab File: BM017878.D
Acq: 03 Dec 2018 15:12

Tgt Ion: 70 Resp: 650114
Ion Ratio Lower Upper
70 100
42 50.9 42.7 64.1
101 9.5 7.6 11.4
130 21.5 16.7 25.1





#16

4-Methylphenol

Concen: 61.928 ng/ul

RT: 8.36 min Scan# 913

Delta R.T. 0.01 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

Instrument :

BNA_M

ClientSampleId :

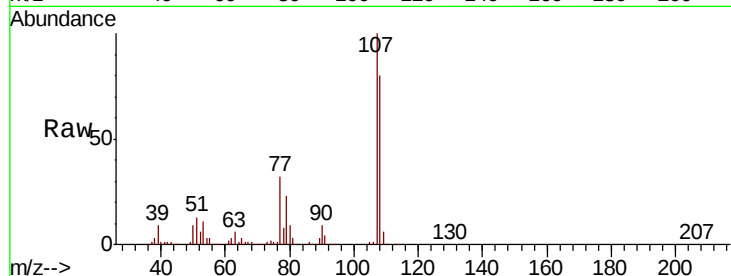
A4121

Tot Ion:108 Resp: 809463

Ion Ratio Lower Upper

108 100

107 124.8 91.3 136.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

600000

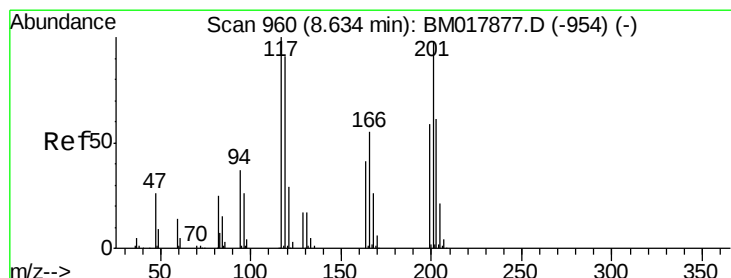
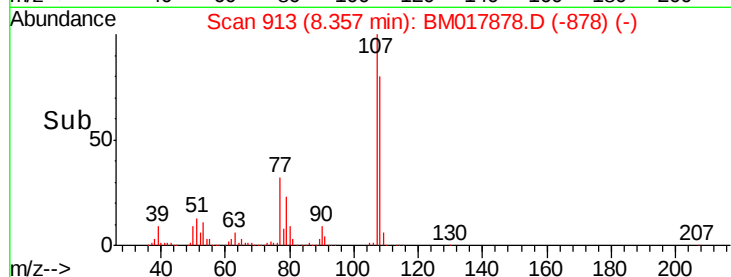
400000

200000

0

8.36

Time-->



#17

Hexachloroethane

Concen: 42.462 ng/ul

RT: 8.64 min Scan# 961

Delta R.T. 0.01 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

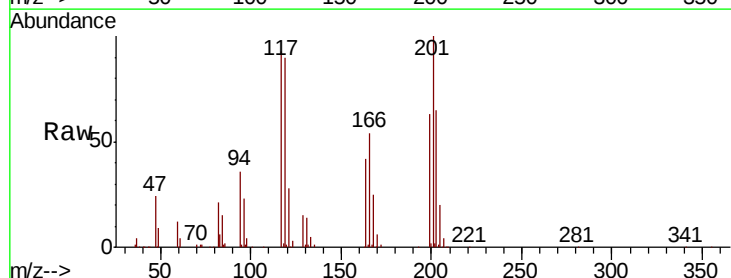
Tgt Ion:117 Resp: 213759

Ion Ratio Lower Upper

117 100

201 107.5 78.2 117.2

199 68.0 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

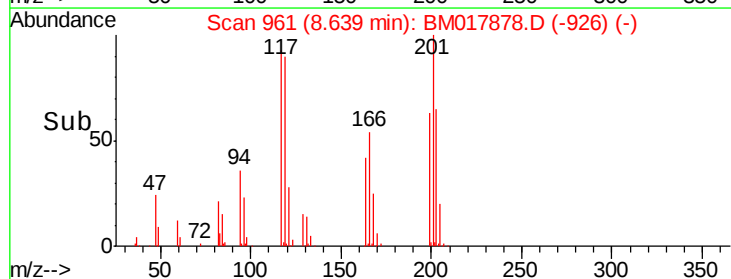
100000

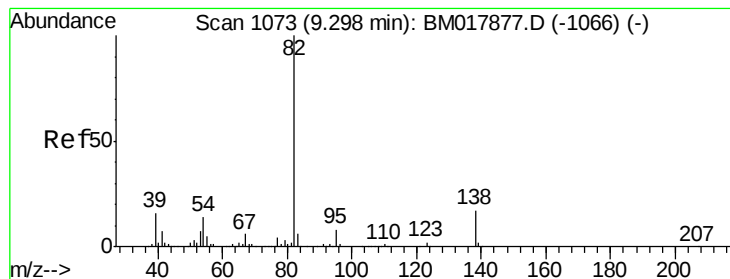
50000

0

8.64

Time-->





#21

Isophorone

Concen: 39.128 ng/ul

RT: 9.30 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

Instrument :

BNA_M

ClientSampleId :

A4121

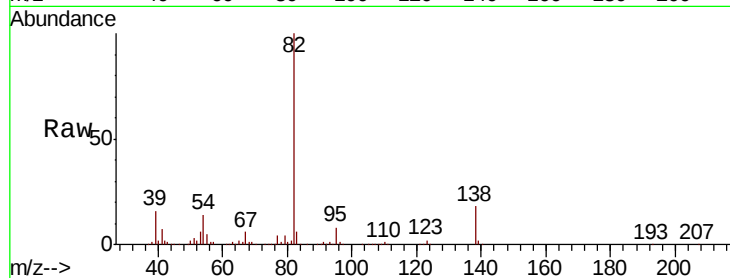
Tot Ion: 82 Resp: 1116570

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

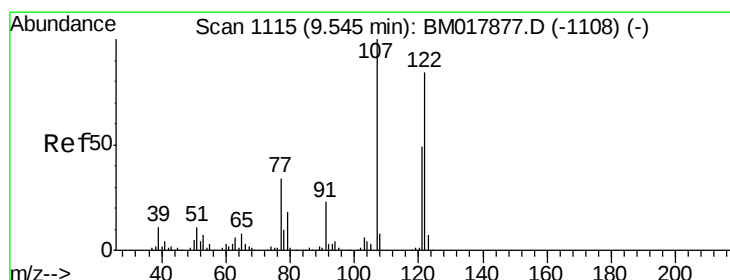
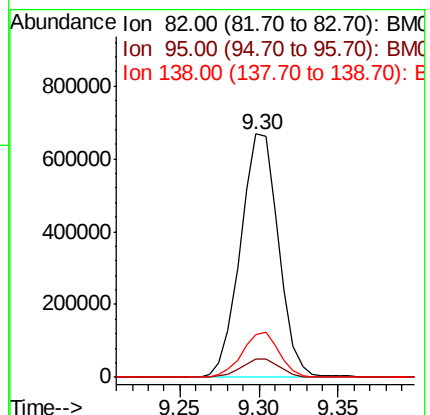
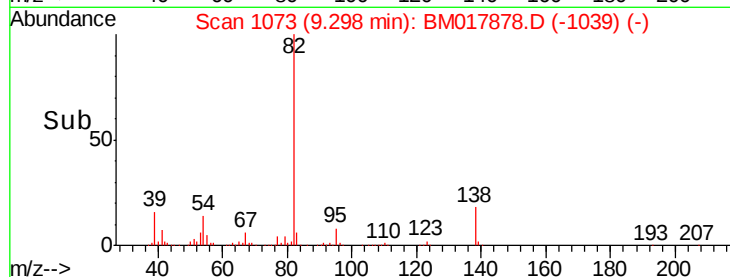
138 17.8 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BM017877.D (-1066) (-)

Ion 95.00 (94.70 to 95.70): BM017877.D (-1066) (-)

Ion 138.00 (137.70 to 138.70): BM017877.D (-1066) (-)



#24

2,4-Dimethylphenol

Concen: 45.023 ng/ul

RT: 9.55 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

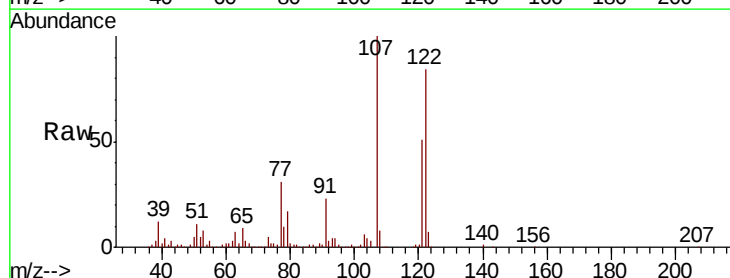
Tgt Ion:107 Resp: 685415

Ion Ratio Lower Upper

107 100

121 51.0 39.6 59.4

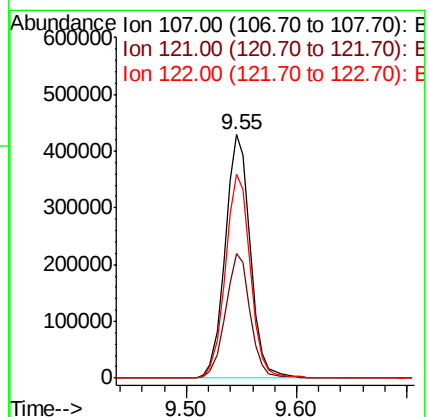
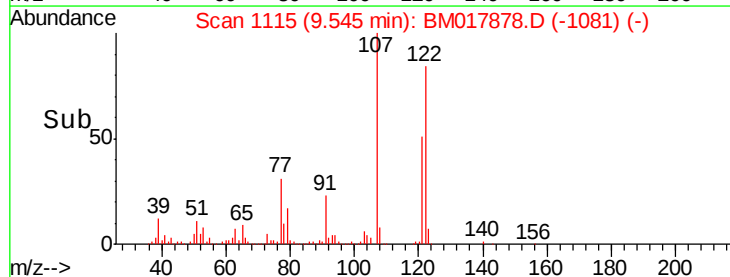
122 83.7 68.1 102.1

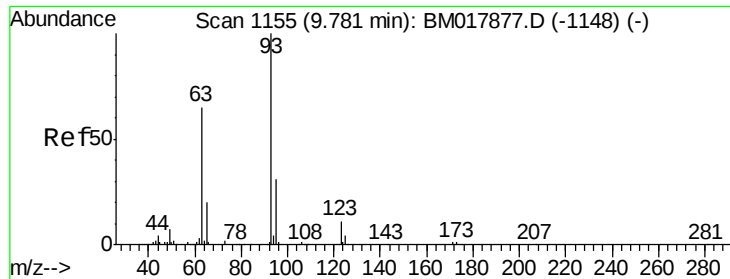


Abundance Ion 107.00 (106.70 to 107.70): BM017877.D (-1108) (-)

Ion 121.00 (120.70 to 121.70): BM017877.D (-1108) (-)

Ion 122.00 (121.70 to 122.70): BM017877.D (-1108) (-)





#25

Bis(2-Chloroethoxy)methane

Concen: 48.840 ng/ul

RT: 9.79 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

Instrument :

BNA_M

ClientSampleId :

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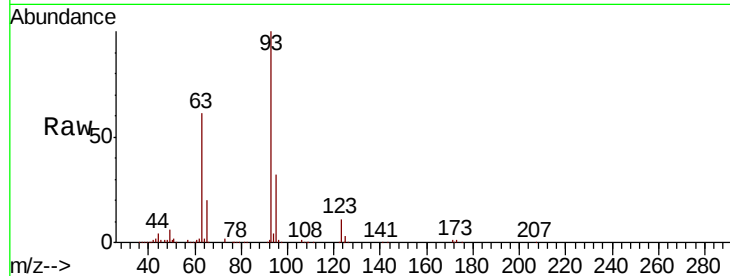
Tot Ion: 93 Resp: 852870

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.0	39.0
123	11.4	9.0	13.4

93 100

95 32.4 26.0 39.0

123 11.4 9.0 13.4

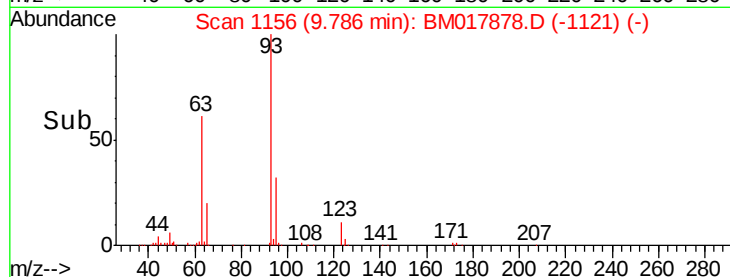


Abundance Ion 93.00 (92.70 to 93.70): BM017877.D (-1148) (-)

Ion 95.00 (94.70 to 95.70): BM017877.D (-1148) (-)

Ion 123.00 (122.70 to 123.70): BM017877.D (-1148) (-)

Time-->

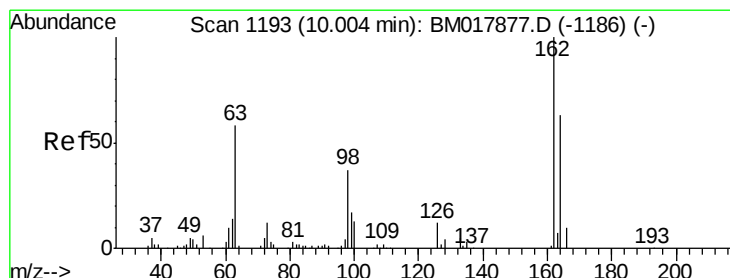


Abundance Ion 93.00 (92.70 to 93.70): BM017878.D (-1121) (-)

Ion 95.00 (94.70 to 95.70): BM017878.D (-1121) (-)

Ion 123.00 (122.70 to 123.70): BM017878.D (-1121) (-)

Time-->



#27

2,4-Dichlorophenol

Concen: 17.191 ng/ul

RT: 10.01 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

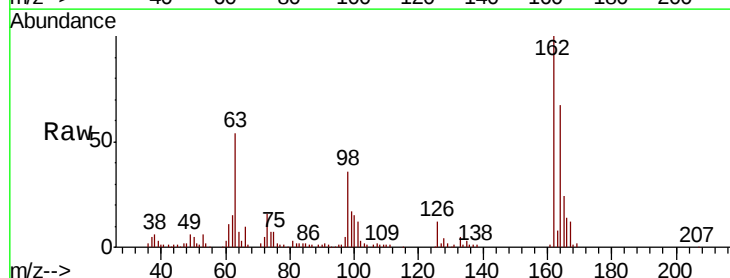
Tgt Ion: 162 Resp: 216394

Ion	Ratio	Lower	Upper
162	100		
164	66.9	51.8	77.8
98	35.9	29.0	43.6

162 100

164 66.9 51.8 77.8

98 35.9 29.0 43.6

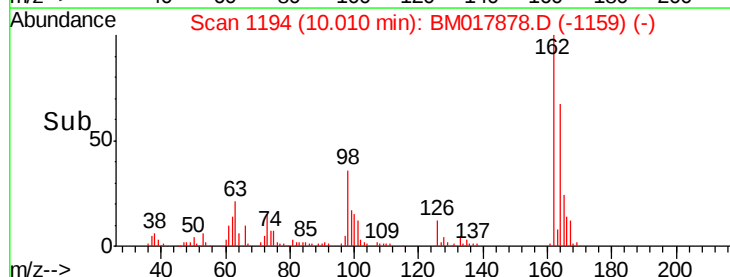


Abundance Ion 162.00 (161.70 to 162.70): BM017877.D (-1186) (-)

Ion 164.00 (163.70 to 164.70): BM017877.D (-1186) (-)

Ion 98.00 (97.70 to 98.70): BM017877.D (-1186) (-)

Time-->

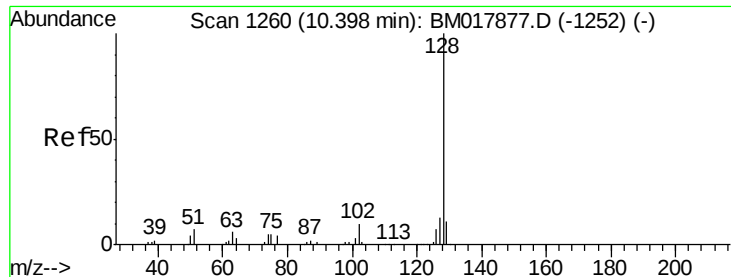


Abundance Ion 162.00 (161.70 to 162.70): BM017878.D (-1159) (-)

Ion 164.00 (163.70 to 164.70): BM017878.D (-1159) (-)

Ion 98.00 (97.70 to 98.70): BM017878.D (-1159) (-)

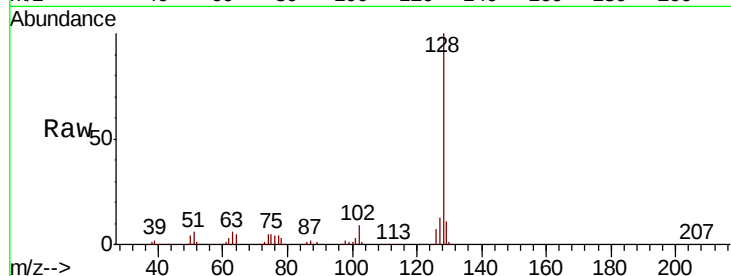
Time-->



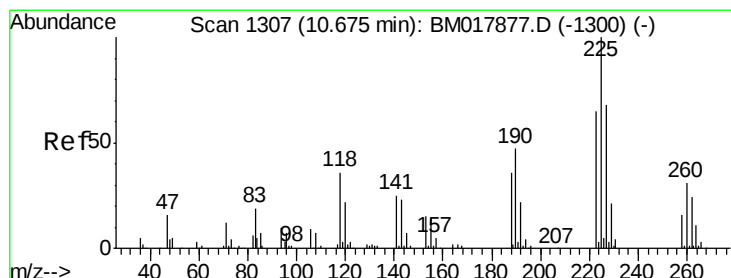
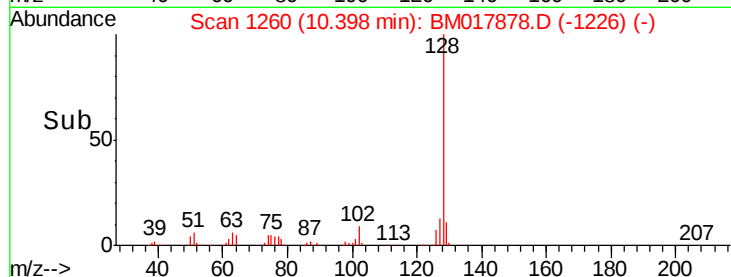
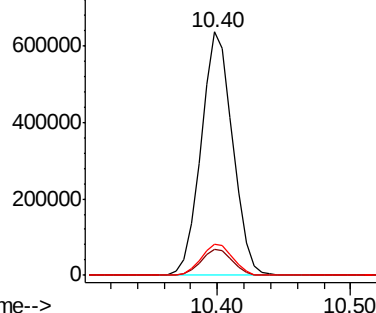
#28
Naphthalene
Concen: 25.232 ng/ul
RT: 10.40 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BM017878.D
Acq: 03 Dec 2018 15:12

Instrument :
BNA_M
ClientSampleId :
A4121

Tot Ion:128 Resp: 1046039
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.9 10.8 16.2

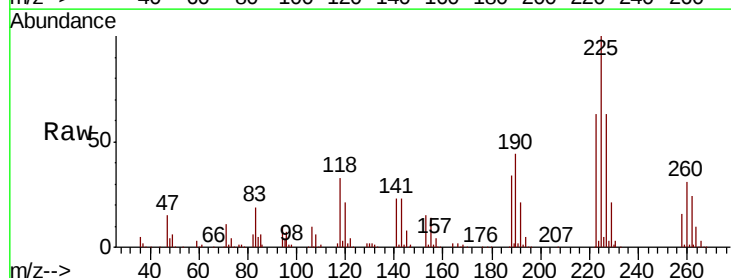


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

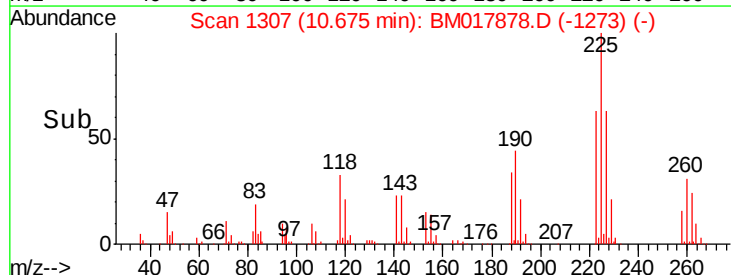
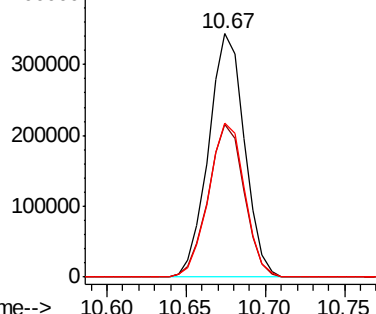


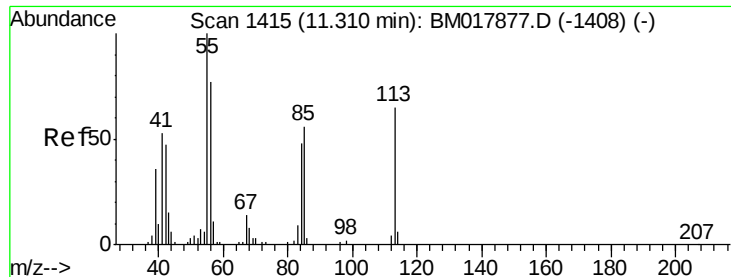
#31
Hexachlorobutadiene
Concen: 64.594 ng/ul
RT: 10.67 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BM017878.D
Acq: 03 Dec 2018 15:12

Tgt Ion:225 Resp: 539983
Ion Ratio Lower Upper
225 100
223 62.6 48.8 73.2
227 63.4 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: 41.821 ng/ul

RT: 11.30 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

Instrument :

BNA_M

ClientSampleId :

A4121

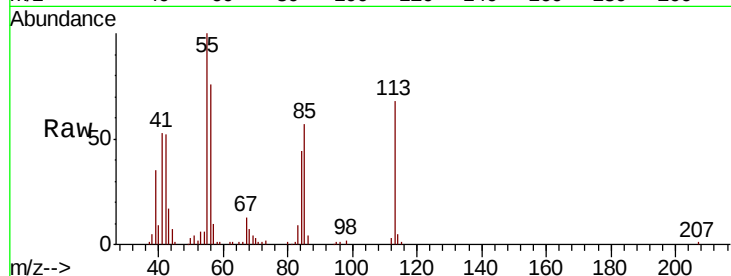
Tot Ion:113 Resp: 174160

Ion Ratio Lower Upper

113 100

55 147.5 110.6 166.0

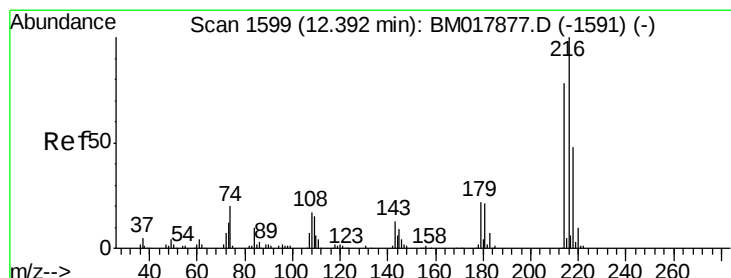
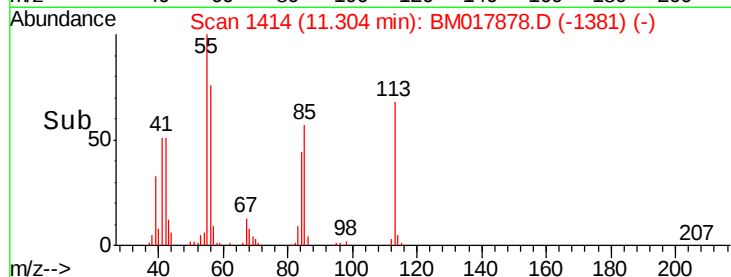
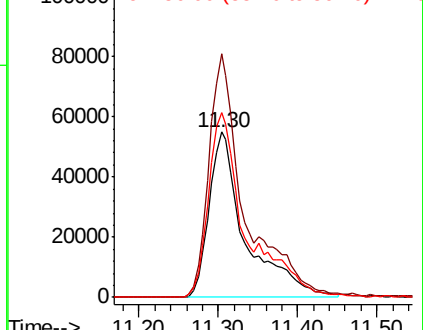
56 111.5 88.2 132.4



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: 42.749 ng/ul

RT: 12.40 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

Tgt Ion:216 Resp: 677383

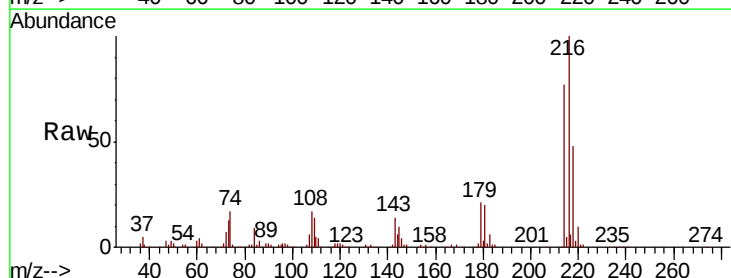
Ion Ratio Lower Upper

216 100

214 77.1 61.3 91.9

179 21.5 17.0 25.4

108 17.2 12.8 19.2

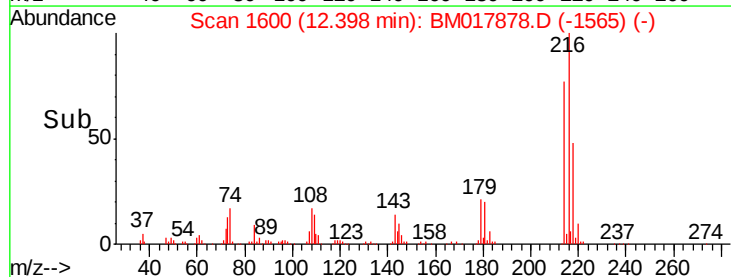
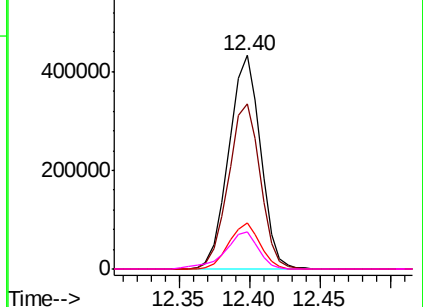


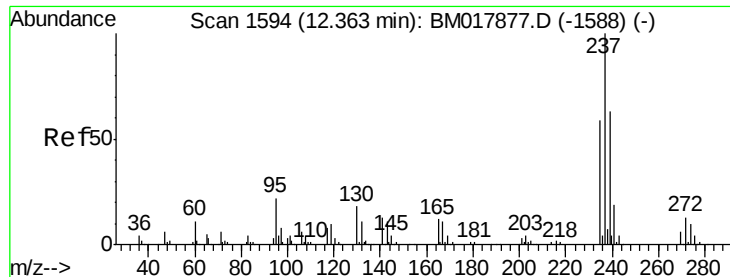
Abundance Ion 216.00 (215.70 to 216.70): E

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

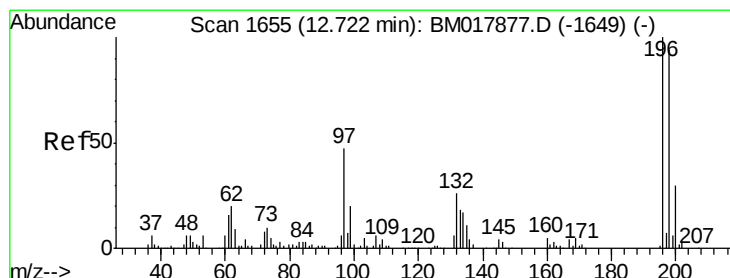
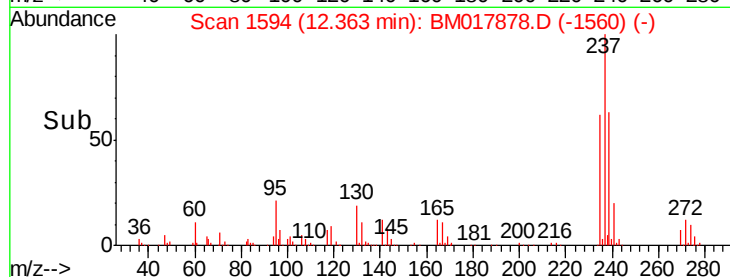
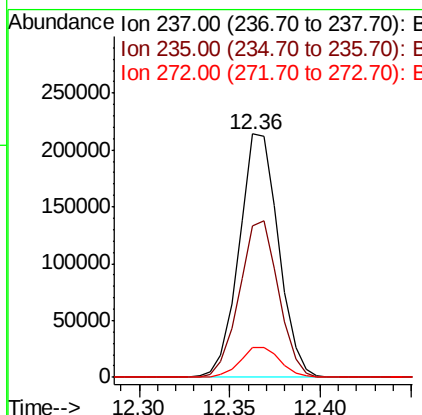
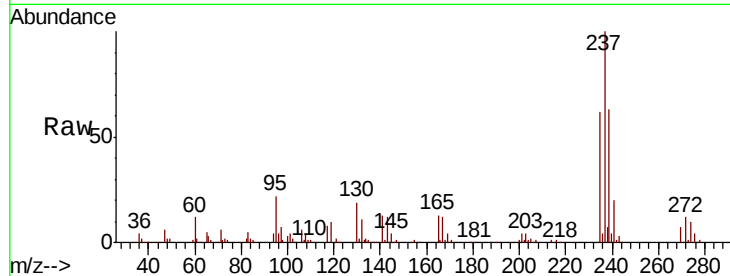




#37
Hexachlorocyclopentadiene
Concen: 31.652 ng/ul
RT: 12.36 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BM017878.D
Acq: 03 Dec 2018 15:12

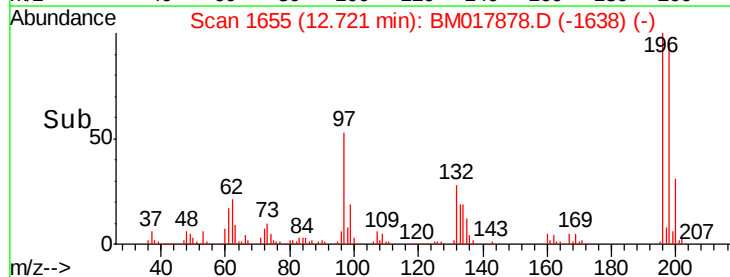
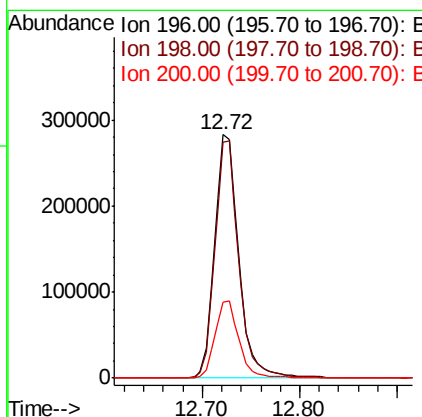
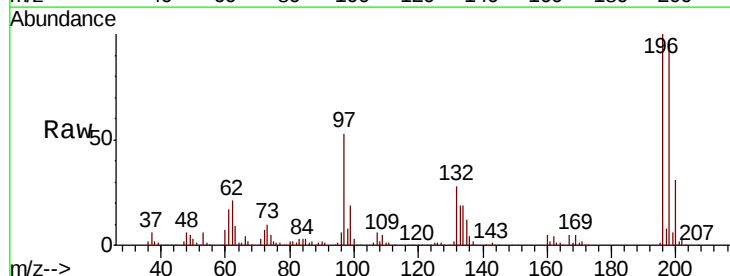
Instrument :
BNA_M
ClientSampled :
A4121

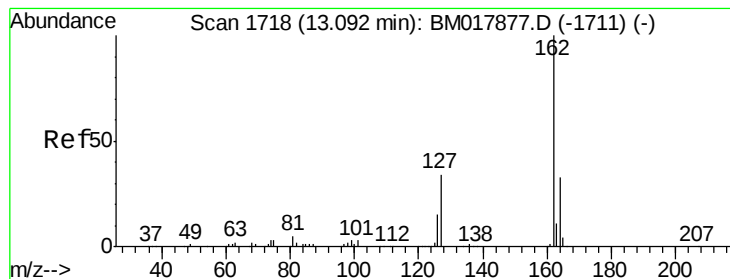
Tot Ion:237 Resp: 323433
Ion Ratio Lower Upper
237 100
235 62.0 48.6 73.0
272 12.5 9.4 14.0



#39
2,4,5-Trichlorophenol
Concen: 44.100 ng/ul
RT: 12.72 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BM017878.D
Acq: 03 Dec 2018 15:12

Tgt Ion:196 Resp: 485704
Ion Ratio Lower Upper
196 100
198 96.8 77.2 115.8
200 31.2 25.8 38.8





#41

2-Chloronaphthalene

Concen: 21.219 ng/ul

RT: 13.09 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

Instrument :

BNA_M

ClientSampleId :

A4121

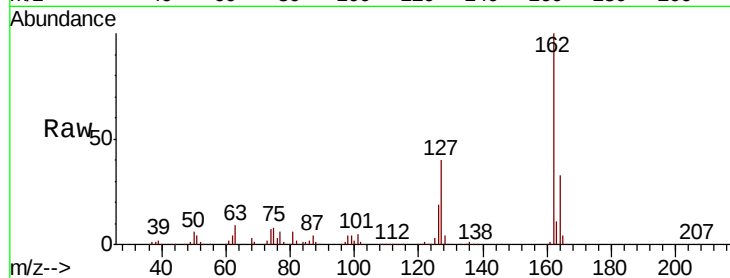
Tot Ion:162 Resp: 648861

Ion Ratio Lower Upper

162 100

164 33.3 26.1 39.1

127 39.5 31.8 47.8

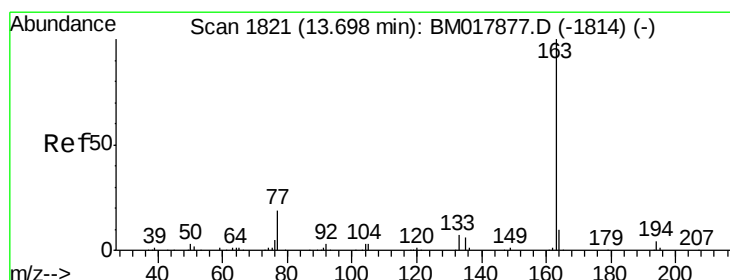
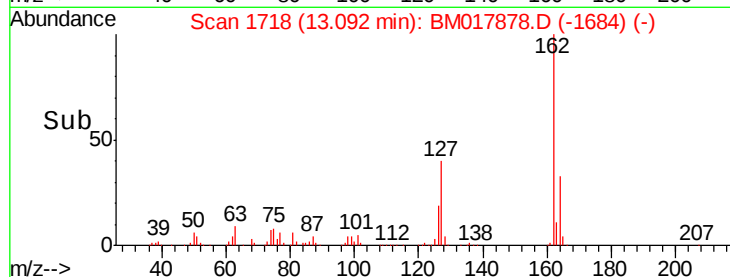
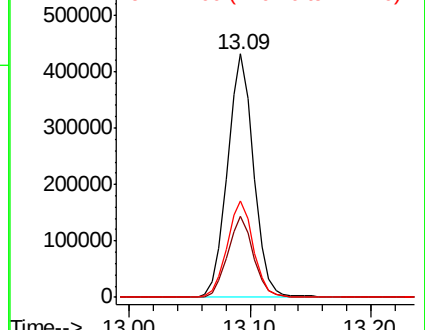


Abundance

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: 20.462 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

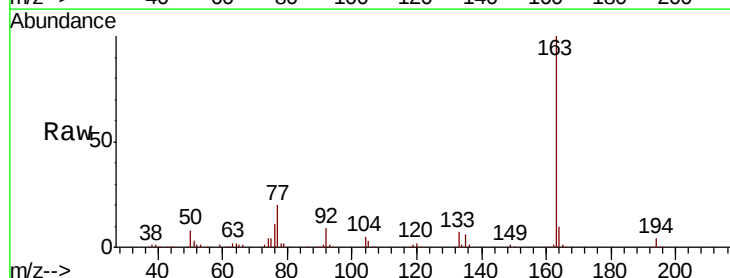
Tgt Ion:163 Resp: 816835

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.6 8.1 12.1

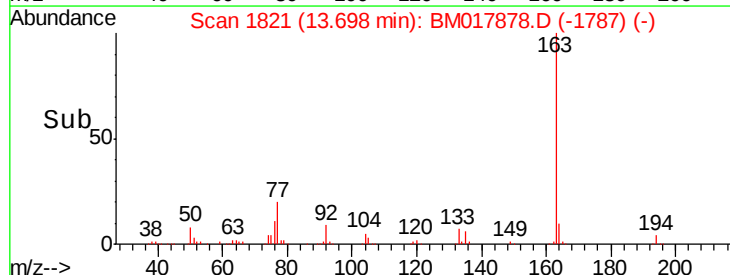
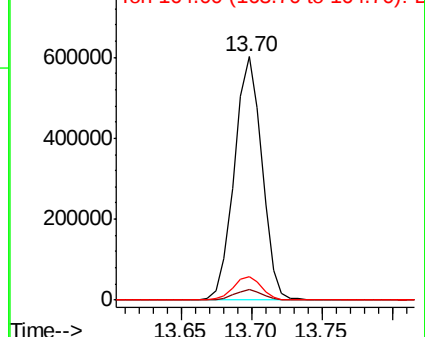


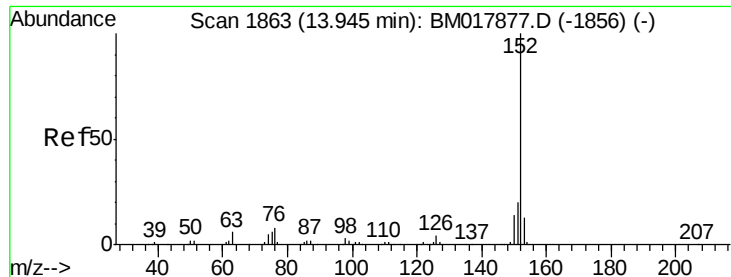
Abundance

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: 25.260 ng/ul

RT: 13.95 min Scan# 1864

Delta R.T. 0.01 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

Instrument :

BNA_M

ClientSampleId :

A4121

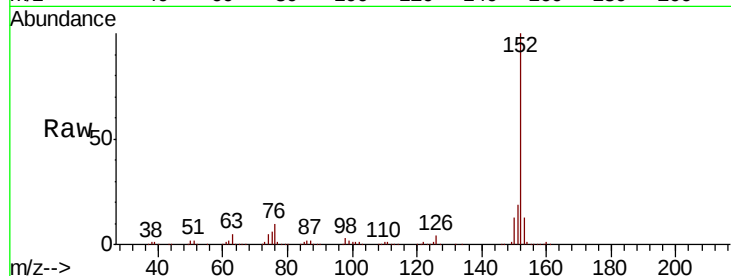
Tot Ion:152 Resp: 1176442

Ion Ratio Lower Upper

152 100

151 19.3 16.0 24.0

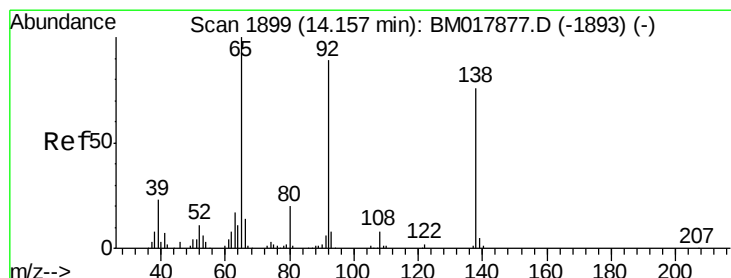
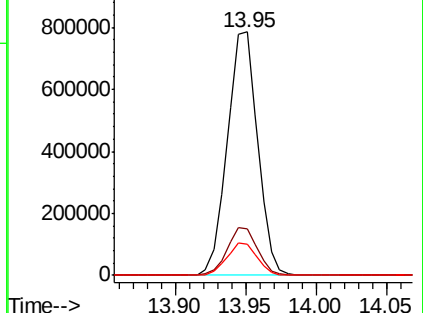
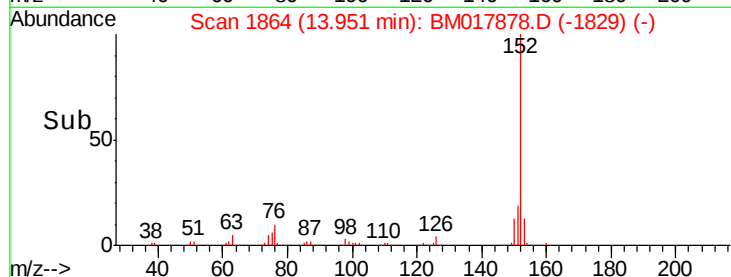
153 12.8 10.4 15.6



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: 2.957 ng/ul

RT: 14.16 min Scan# 1900

Delta R.T. 0.01 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

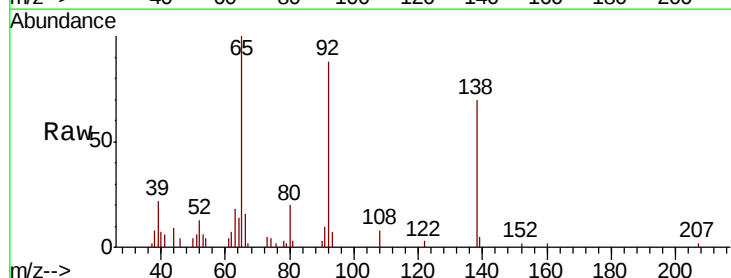
Tgt Ion:138 Resp: 22125

Ion Ratio Lower Upper

138 100

108 11.2 9.0 13.4

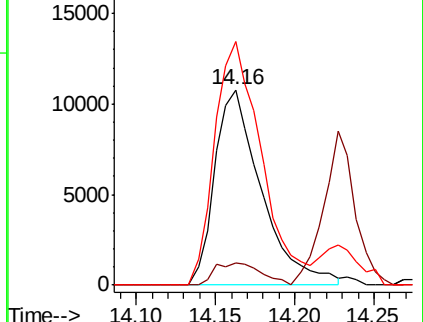
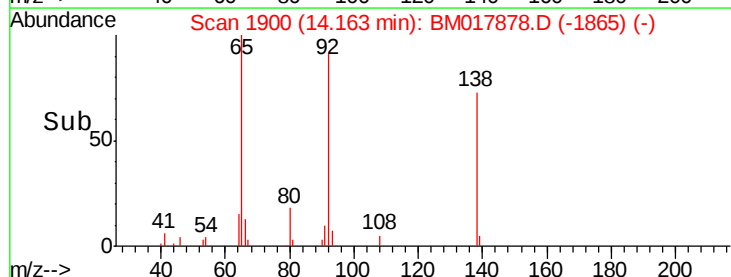
92 124.9 98.8 148.2

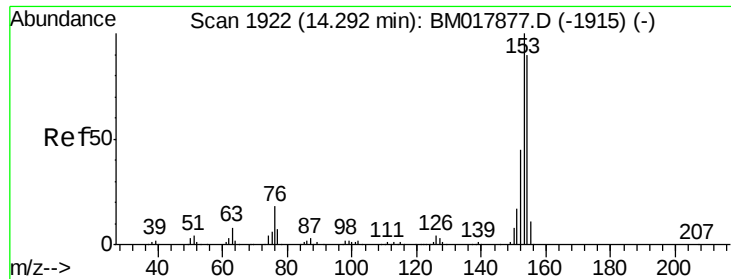


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 36.009 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

Instrument :

BNA_M

ClientSampled :

A4121

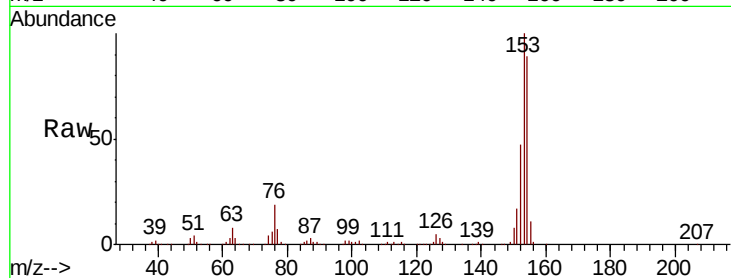
Tot Ion:153 Resp: 1208642

Ion Ratio Lower Upper

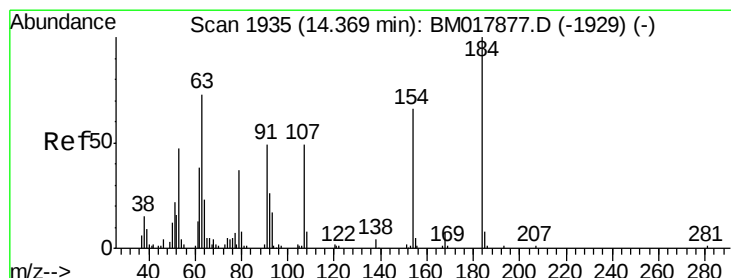
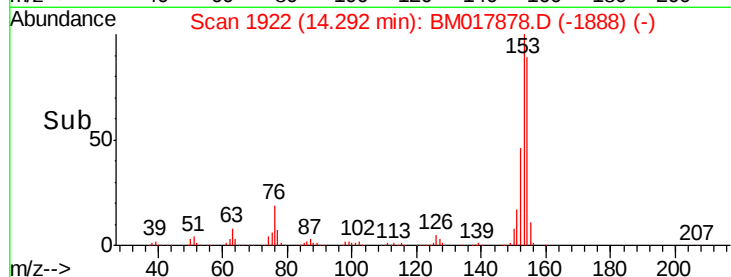
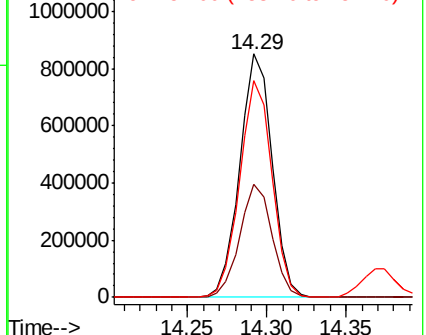
153 100

152 46.5 37.0 55.6

154 89.2 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: 46.895 ng/ul

RT: 14.37 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

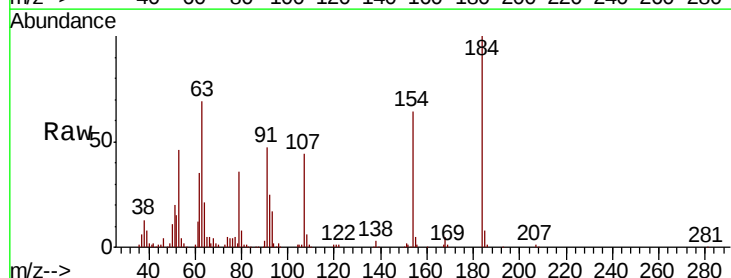
Tgt Ion:184 Resp: 249409

Ion Ratio Lower Upper

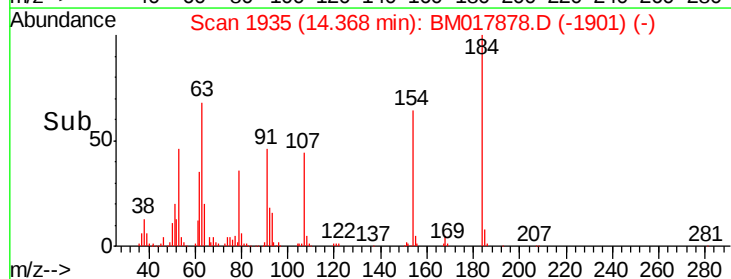
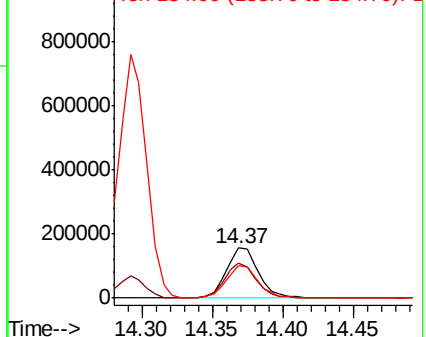
184 100

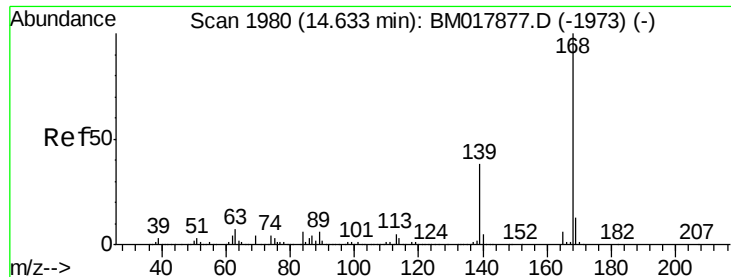
63 69.4 54.4 81.6

154 64.0 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

Dibenzo(f,h)quinoxaline

Concen: 20.415 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

Instrument :

BNA_M

ClientSampleId :

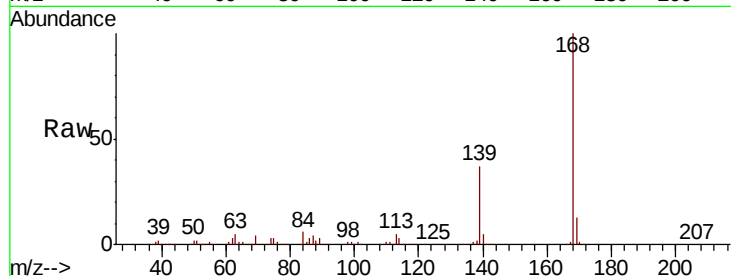
A4121

Tot Ion:168 Resp: 969629

Ion Ratio Lower Upper

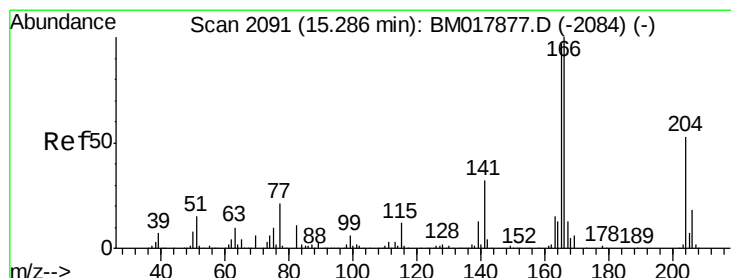
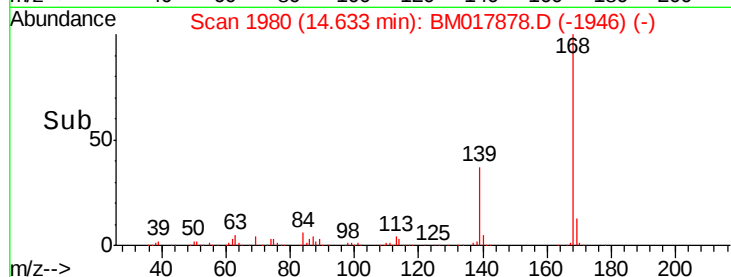
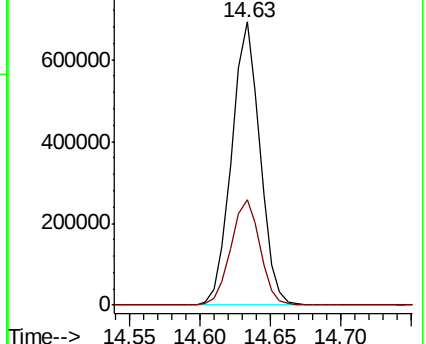
168 100

139 37.3 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: 8.376 ng/ul

RT: 15.29 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

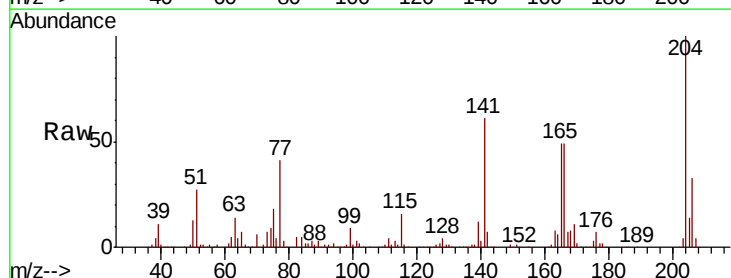
Tgt Ion:166 Resp: 331771

Ion Ratio Lower Upper

166 100

165 99.5 78.0 117.0

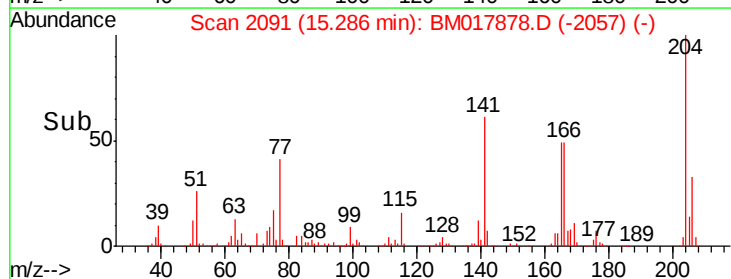
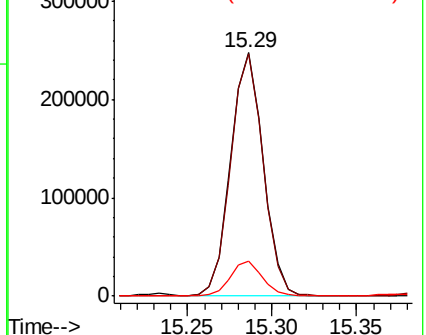
167 14.5 10.8 16.2

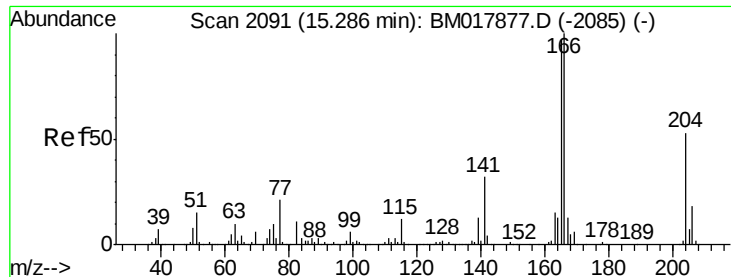


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

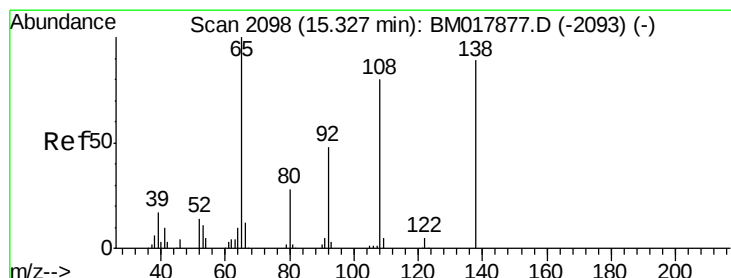
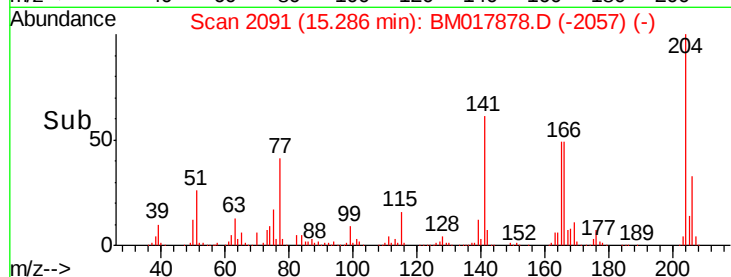
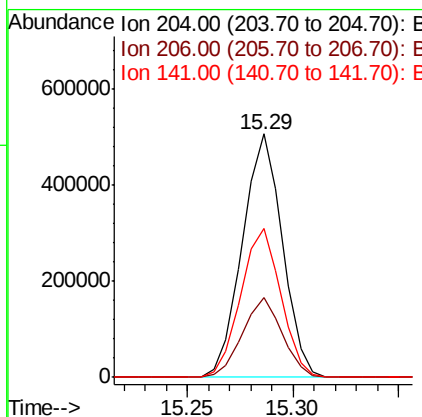
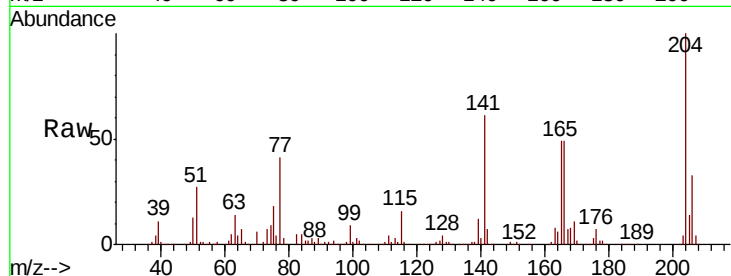




#59
 4-Chlorophenyl-phenylether
 Concen: 32.810 ng/ul
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BM017878.D
 Acq: 03 Dec 2018 15:12

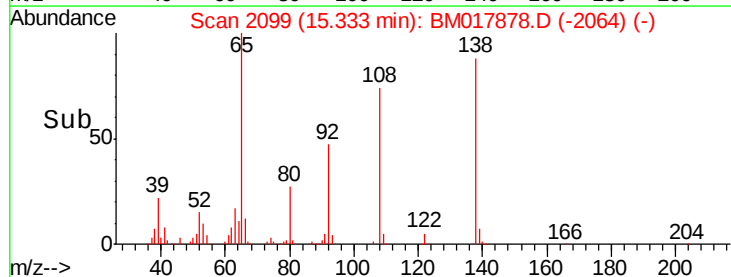
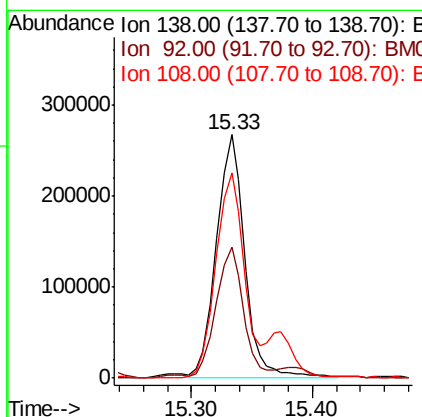
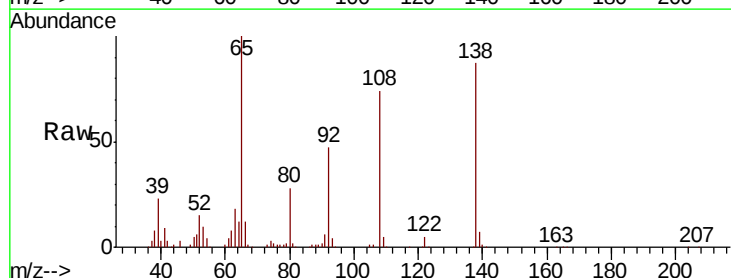
Instrument :
 BNA_M
 ClientSampleId :
 A4121

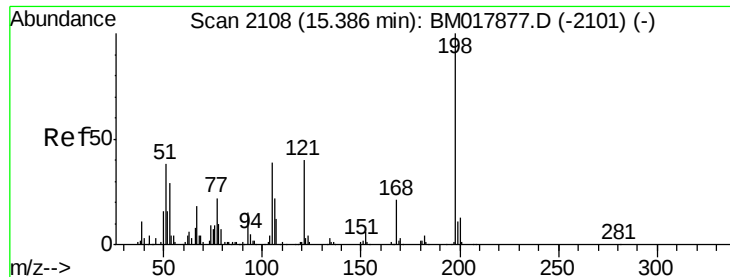
Tot Ion:204 Resp: 667532
 Ion Ratio Lower Upper
 204 100
 206 32.5 25.6 38.4
 141 61.3 49.8 74.6



#60
 4-Nitroaniline
 Concen: 52.044 ng/ul
 RT: 15.33 min Scan# 2099
 Delta R.T. 0.01 min
 Lab File: BM017878.D
 Acq: 03 Dec 2018 15:12

Tgt Ion:138 Resp: 432963
 Ion Ratio Lower Upper
 138 100
 92 53.9 42.8 64.2
 108 84.1 70.2 105.4

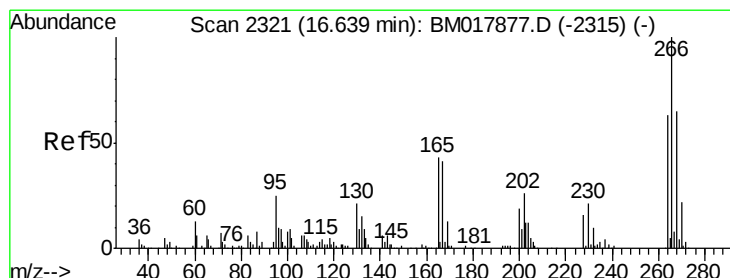
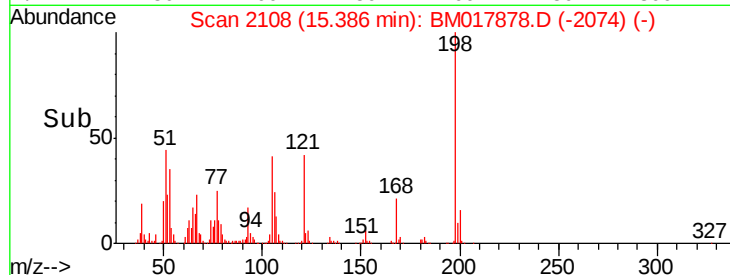
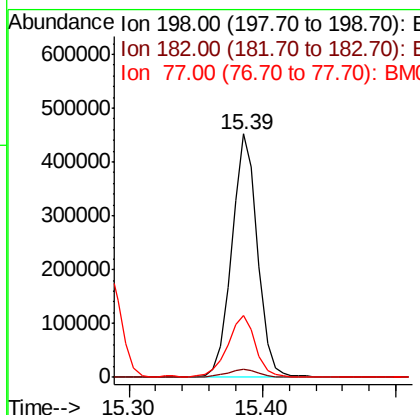
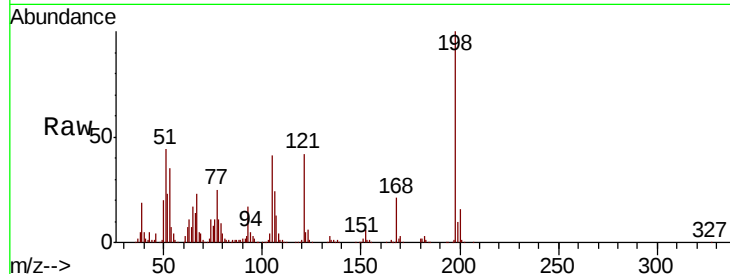




#63
 4,6-Dinitro-2-methylphenol
 Concen: 77.031 ng/ul
 RT: 15.39 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BM017878.D
 Acq: 03 Dec 2018 15:12

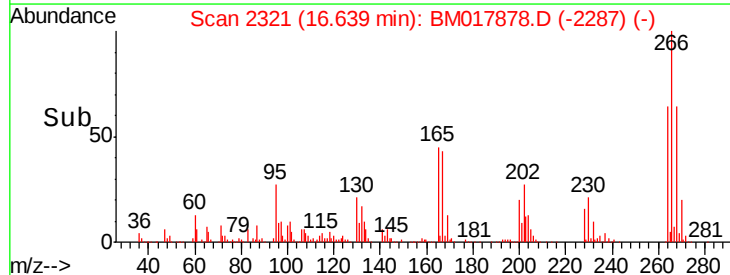
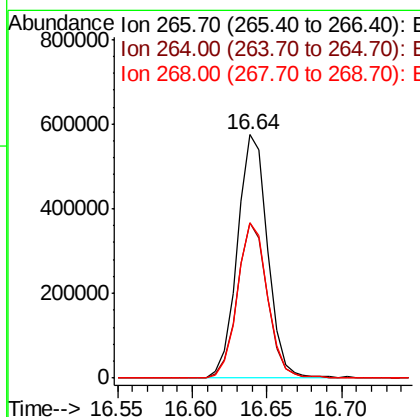
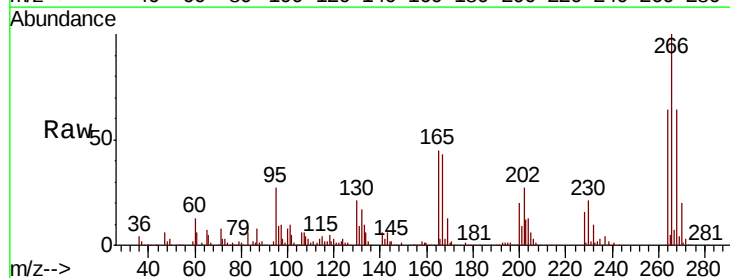
Instrument :
 BNA_M
 ClientSampleId :
 A4121

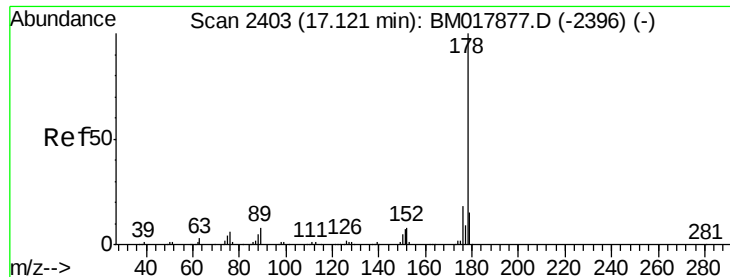
Tot Ion	Ratio	Lower	Upper
198	100		
182	3.2	3.5	5.3#
77	25.4	24.6	36.8



#68
 Pentachlorophenol
 Concen: 95.867 ng/ul
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.00 min
 Lab File: BM017878.D
 Acq: 03 Dec 2018 15:12

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.8	50.2	75.2
268	64.0	49.8	74.8



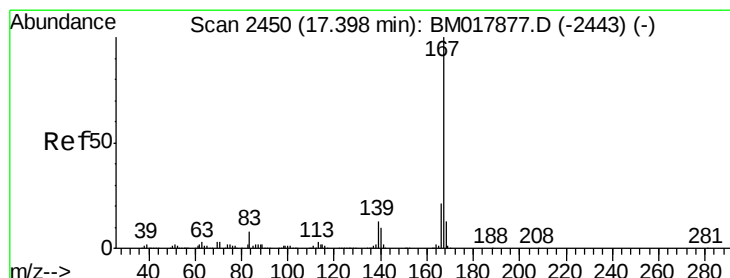
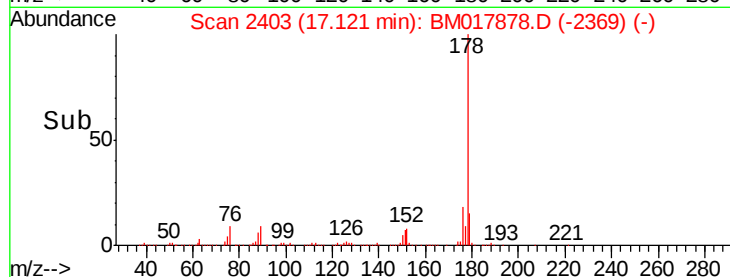
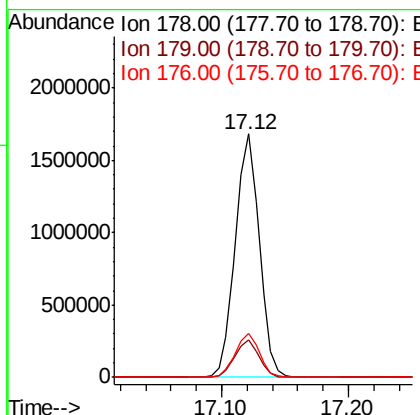
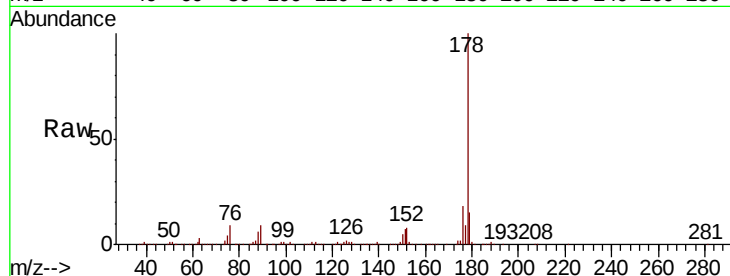


#71
 Anthracene
 Concen: 35.308 ng/ul
 RT: 17.12 min Scan# 2403
 Delta R.T. -0.00 min
 Lab File: BM017878.D
 Acq: 03 Dec 2018 15:12

Instrument :
 BNA_M
 ClientSampleId :
 A4121

Tot Ion:178 Resp: 2207672

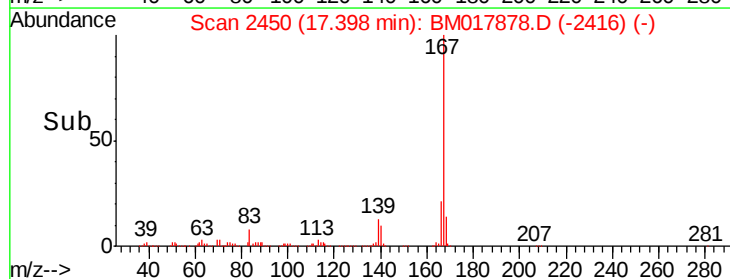
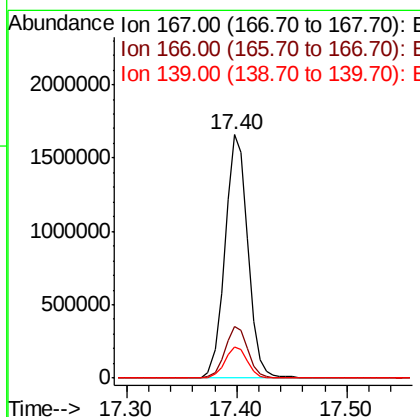
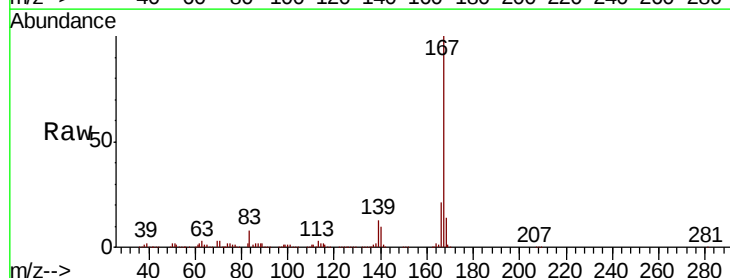
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	17.9	14.8	22.2

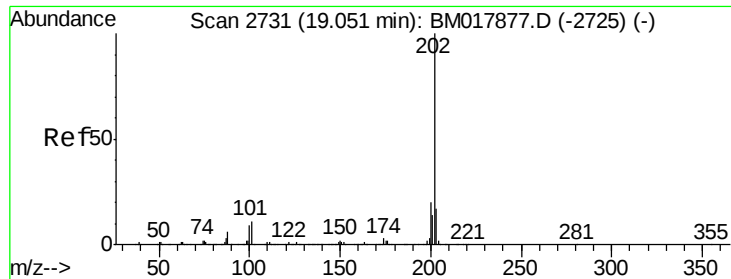


#74
 Carbazole
 Concen: 43.718 ng/ul
 RT: 17.40 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BM017878.D
 Acq: 03 Dec 2018 15:12

Tgt Ion:167 Resp: 2408637

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	13.0	10.5	15.7

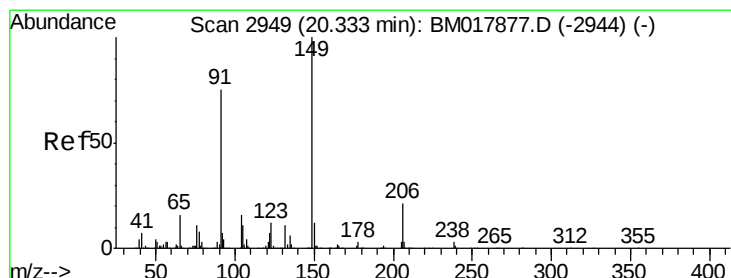
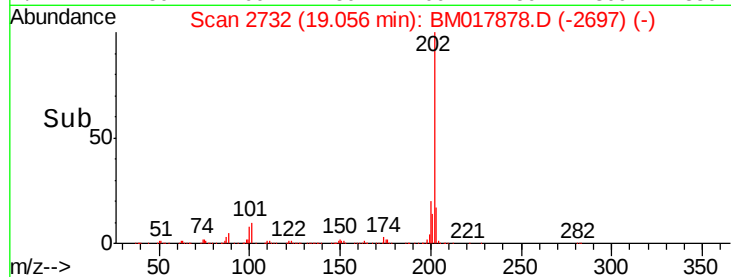
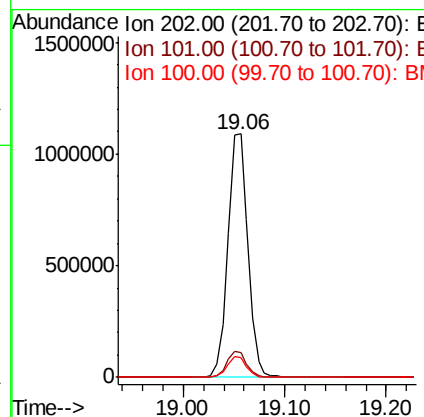
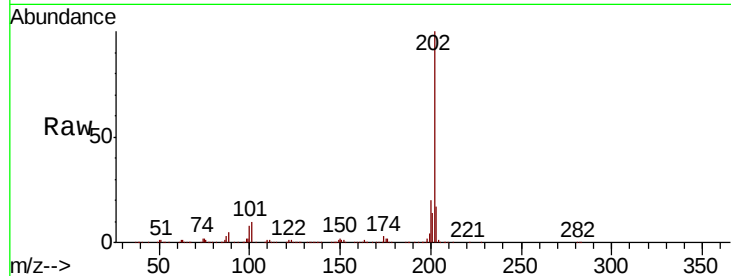




#76
 Fluoranthene
 Concen: 20.751 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. 0.01 min
 Lab File: BM017878.D
 Acq: 03 Dec 2018 15:12

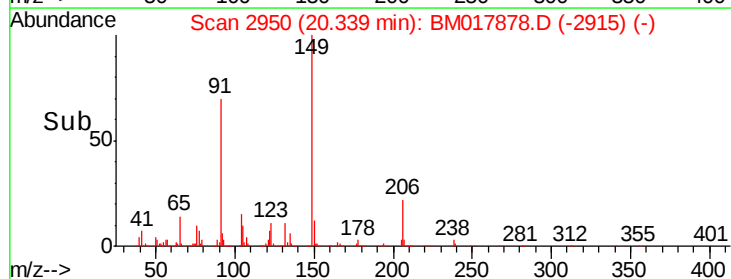
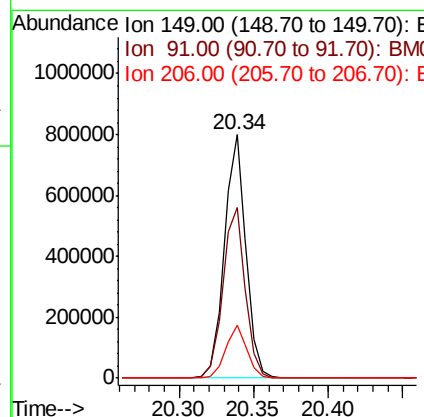
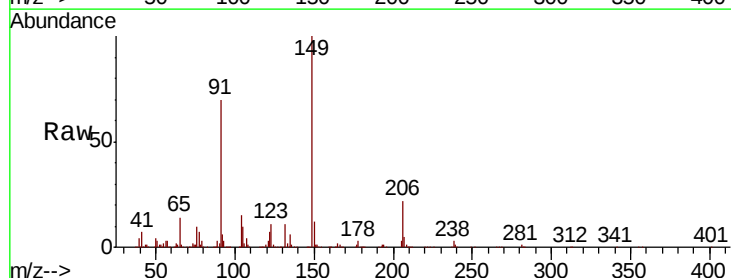
Instrument :
 BNA_M
 ClientSampled :
 A4121

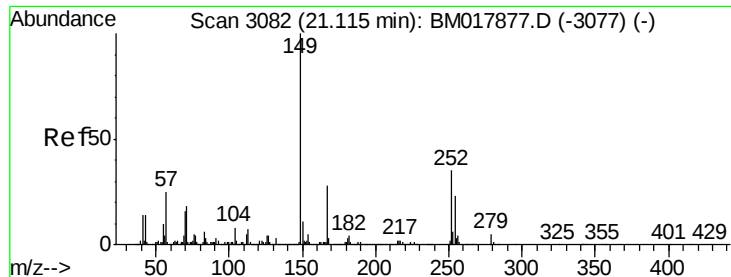
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
100	8.1	6.6	9.8



#80
 Butylbenzylphthalate
 Concen: 28.170 ng/ul
 RT: 20.34 min Scan# 2950
 Delta R.T. 0.01 min
 Lab File: BM017878.D
 Acq: 03 Dec 2018 15:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.3	58.0	87.0
206	21.9	16.6	24.8

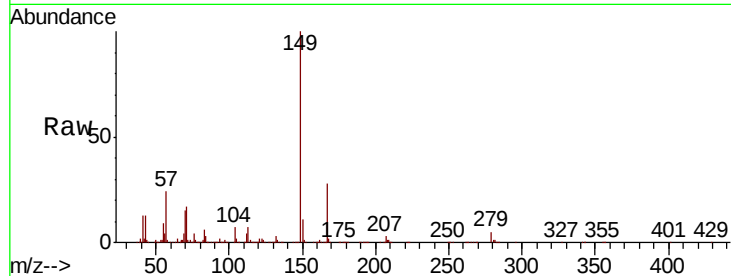




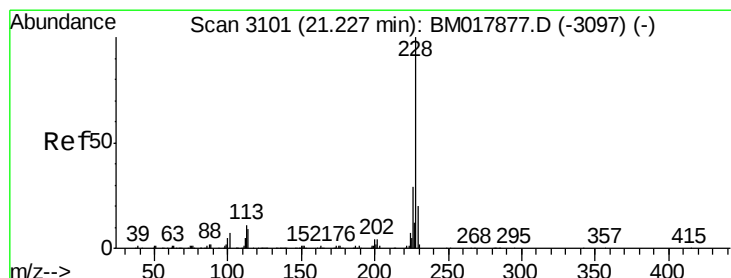
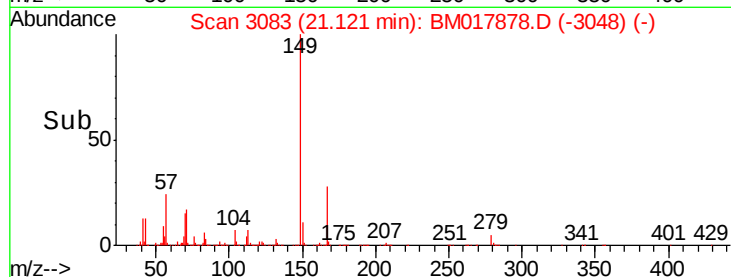
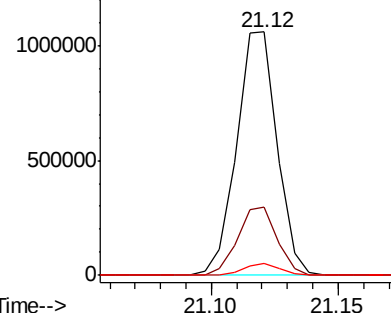
#83
Bis(2-ethylhexyl)phthalate
Concen: 27.572 ng/ul
RT: 21.12 min Scan# 3083
Delta R.T. 0.01 min
Lab File: BM017878.D
Acq: 03 Dec 2018 15:12

Instrument :
BNA_M
ClientSampled :
A4121

Tot Ion:149 Resp: 1172745
Ion Ratio Lower Upper
149 100
167 27.9 21.9 32.9
279 4.7 3.6 5.4

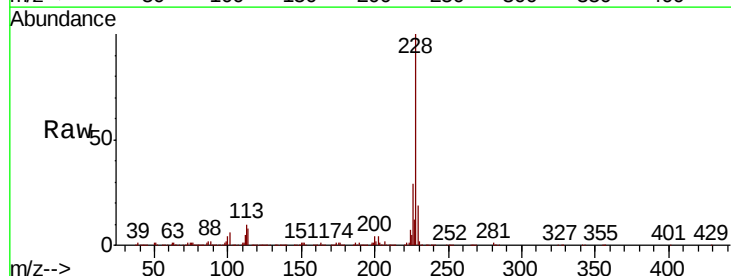


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

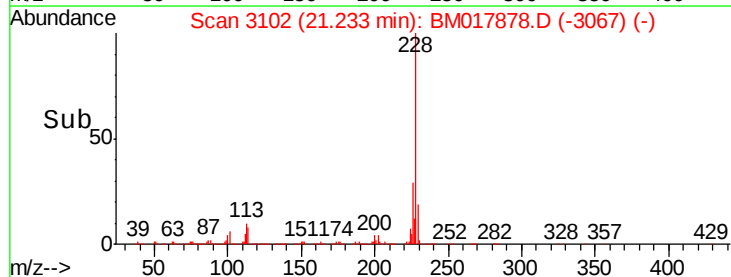
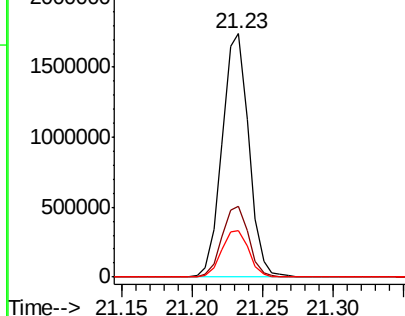


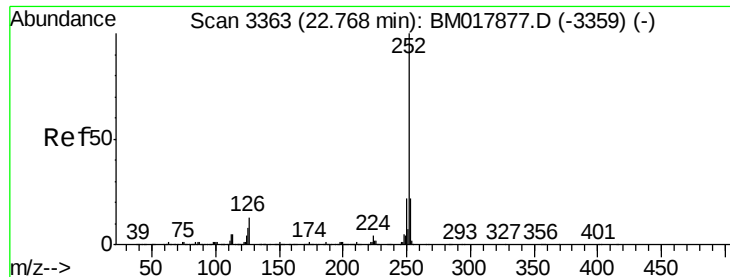
#84
Chrysene
Concen: 35.579 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BM017878.D
Acq: 03 Dec 2018 15:12

Tgt Ion:228 Resp: 2283798
Ion Ratio Lower Upper
228 100
226 29.2 23.7 35.5
229 19.1 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: 44.833 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.00 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

Instrument :

BNA_M

ClientSampleId :

A4121

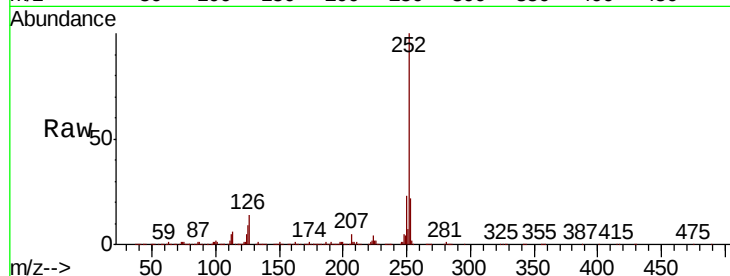
Tot Ion:252 Resp: 2569419

Ion Ratio Lower Upper

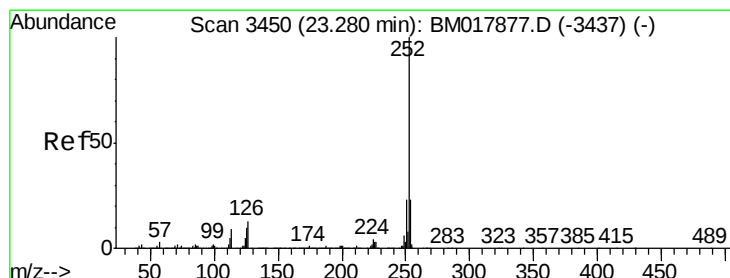
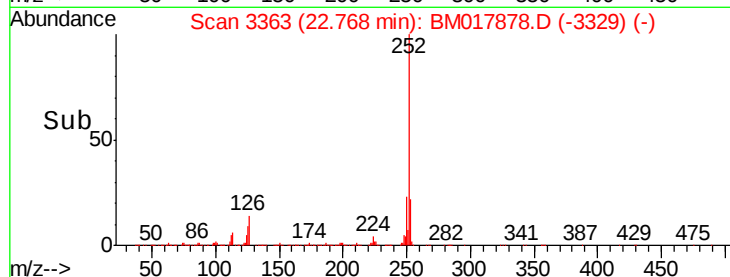
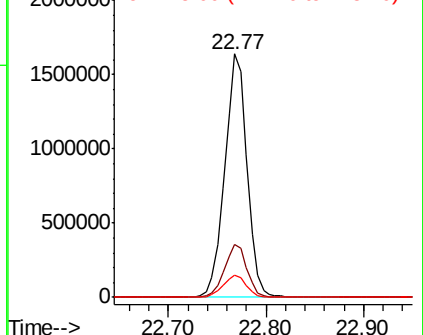
252 100

253 21.9 17.4 26.0

125 9.1 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: 42.671 ng/ul

RT: 23.29 min Scan# 3451

Delta R.T. 0.01 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

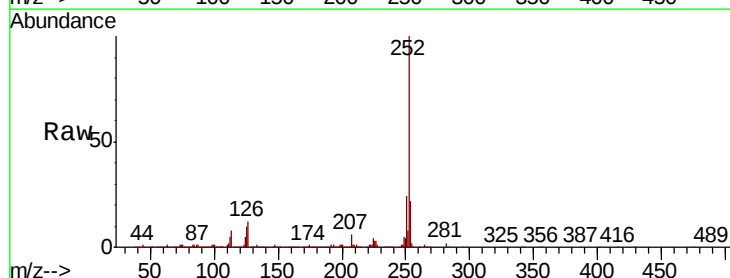
Tgt Ion:252 Resp: 2386196

Ion Ratio Lower Upper

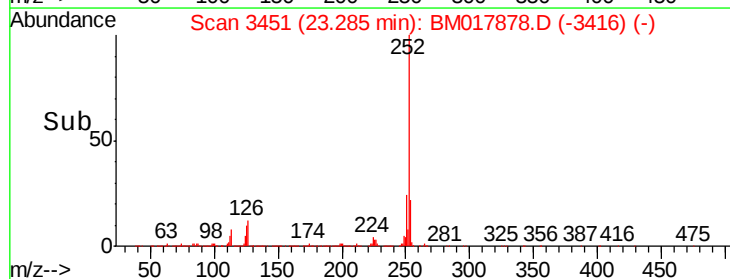
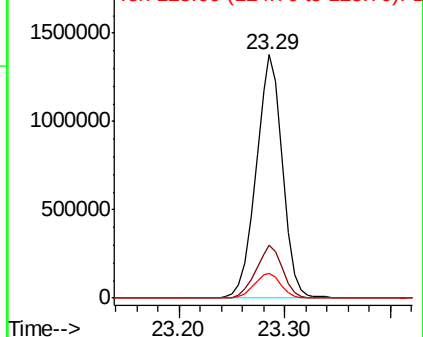
252 100

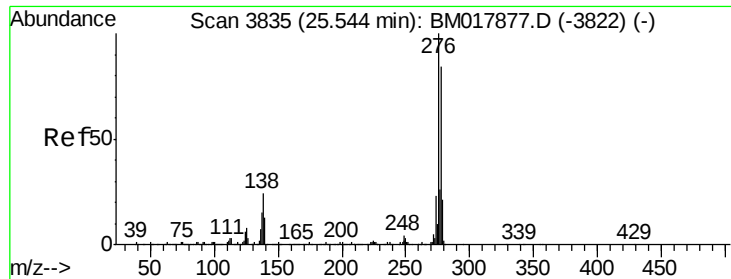
253 21.9 17.4 26.0

125 10.1 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: 16.304 ng/ul

RT: 25.54 min Scan# 3834

Delta R.T. -0.01 min

Lab File: BM017878.D

Acq: 03 Dec 2018 15:12

Instrument :

BNA_M

ClientSampleId :

A4121

Tot Ion:276 Resp: 966059

Ion Ratio Lower Upper

276 100

138 17.3 18.2 27.2#

277 23.0 20.2 30.4

