

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010819\
 Data File : BM018459.D
 Acq On : 08 Jan 2019 11:53
 Operator : JU/SJ
 Sample : J6096-13RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 09 00:01:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 07 23:55:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	337065	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1412694	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	805091	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1861742	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	2009391	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	2036261	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	46090	6.38	ng/uL	0.00
5) Phenol-d5	6.94	99	951191	35.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	545533	36.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	849534	36.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	783335	36.35	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	407454	37.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	428647	38.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	841834	37.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	84989	4.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	2650073	38.36	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	3164872	36.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	479426	40.21	ng/ul	0.00
57) Fluorene-d10	15.40	176	2245206	37.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	426340	41.82	ng/ul	0.00
70) Anthracene-d10	17.26	188	3480306	38.43	ng/ul	0.00
78) Pyrene-d10	19.56	212	3885027	38.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	4334147	39.14	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.96	94	513525	19.840	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.19	93	1181457	59.083	ng/ul 96
11) 2-Methylphenol	8.21	108	1198346	58.868	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.58	70	971269	61.237	ng/ul 99
16) 4-Methylphenol	8.53	108	1290950	60.405	ng/ul 88
17) Hexachloroethane	8.83	117	370180	38.795	ng/ul 96
21) Isophorone	9.49	82	1722931	39.254	ng/ul 99
24) 2,4-Dimethylphenol	9.73	107	1082180	43.841	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.98	93	1286467	47.295	ng/ul 99
27) 2,4-Dichlorophenol	10.21	162	361747	16.871	ng/ul 99
28) Naphthalene	10.60	128	1723361	23.875	ng/ul 100
30) 4-Chloroaniline	10.60	127	223660	13.177	ng/ul# 18
31) Hexachlorobutadiene	10.88	225	933503	63.881	ng/ul 98
32) Caprolactam	11.50	113	268123	40.914	ng/ul 89
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	1102395	40.308	ng/ul 96
37) Hexachlorocyclopentadiene	12.56	237	619935	37.651	ng/ul 97
39) 2,4,5-Trichlorophenol	12.92	196	772014	42.430	ng/ul 97
41) 2-Chloronaphthalene	13.28	162	1071549	20.138	ng/ul 98
44) Dimethylphthalate	13.87	163	1404334	20.878	ng/ul 98
45) 2,6-Dinitrotoluene	13.87	165	16113	1.284	ng/ul# 51
47) Acenaphthylene	14.13	152	1904729	24.103	ng/ul 100
48) 3-Nitroaniline	14.33	138	31135	2.771	ng/ul 91
49) Acenaphthene	14.47	153	1949342	34.480	ng/ul 99

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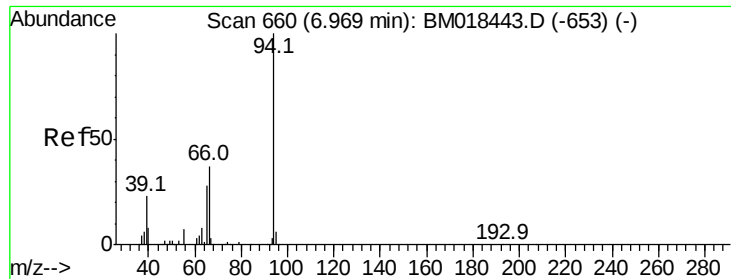
Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 09 00:01:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

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

50) 2,4-Dinitrophenol	14.53	184	354361	58.747	ng/ul	96
53) Dibenzofuran	14.81	168	1600552	20.193	ng/ul	98
58) Fluorene	15.46	166	533333	8.300	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	1070778	32.564	ng/ul	98
60) 4-Nitroaniline	15.50	138	732398	54.852	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.54	198	886693	82.090	ng/ul	97
68) Pentachlorophenol	16.80	266	1194449	95.345	ng/ul	98
71) Anthracene	17.29	178	3511184	33.187	ng/ul	99
74) Carbazole	17.57	167	3860745	41.505	ng/ul	100
76) Fluoranthene	19.22	202	2431620	20.785	ng/ul	99
80) Butylbenzylphthalate	20.49	149	1232505	23.433	ng/ul	100
82) Benzo(a)anthracene	21.39	228	4047415	31.530	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.26	149	1780270	22.752	ng/ul	98
84) Chrysene	21.39	228	4047415	33.762	ng/ul	100
87) Benzo(b)fluoranthene	22.99	252	5187553	41.042	ng/ul	99
88) Benzo(k)fluoranthene	22.99	252	5187553	42.626	ng/ul	99
90) Benzo(a)pyrene	23.54	252	5000651	41.333	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.95	276	2269975	15.921	ng/ul#	93

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



#6

Phenol

Concen: 19.840 ng/ul

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

Instrument :

BNA_M

ClientSampleId :

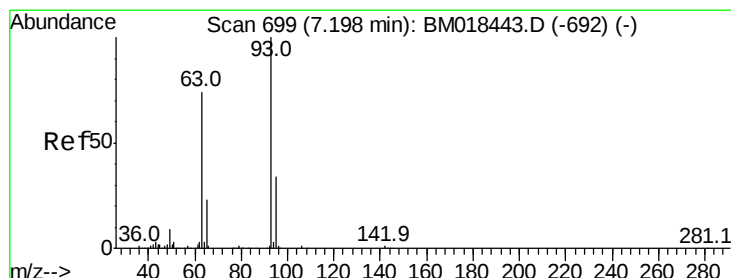
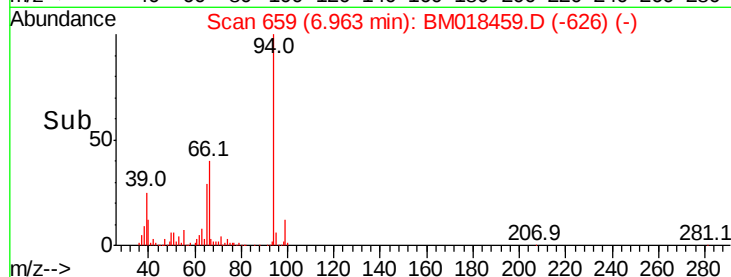
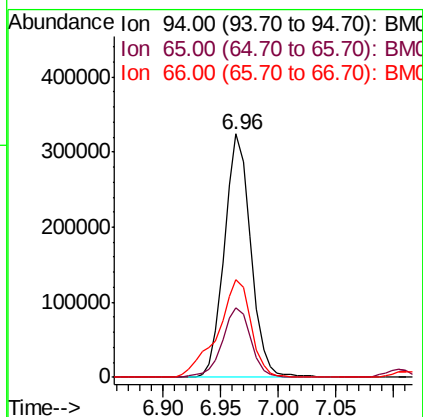
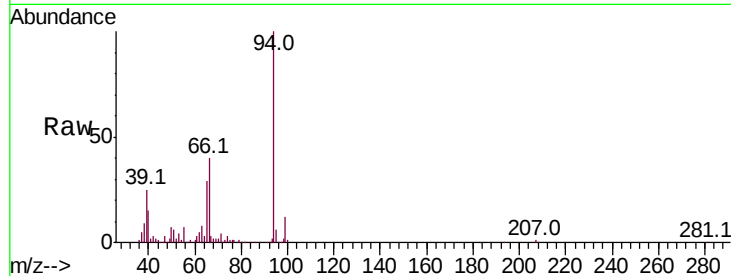
Tot Ion: 94 Resp: 513525

Ion Ratio Lower Upper

94 100

65 28.6 22.2 33.2

66 40.1 31.4 47.2



#8

Bis(2-Chloroethyl)ether

Concen: 59.083 ng/ul

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

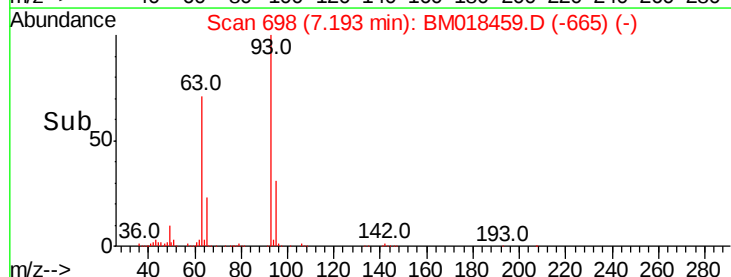
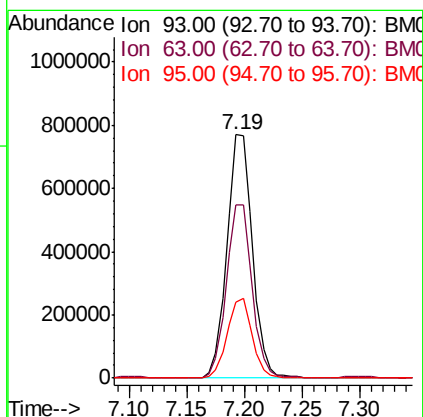
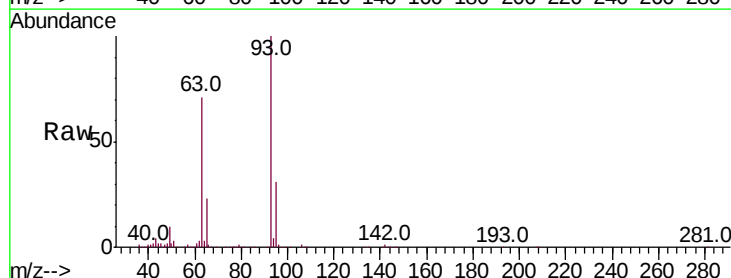
Tgt Ion: 93 Resp: 1181457

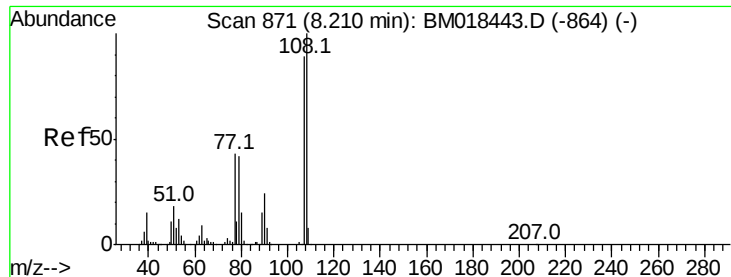
Ion Ratio Lower Upper

93 100

63 71.2 59.3 88.9

95 31.1 26.6 40.0

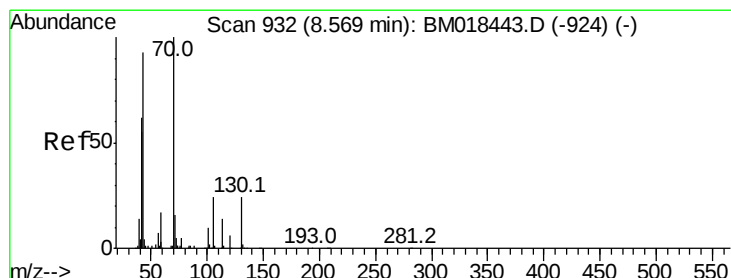
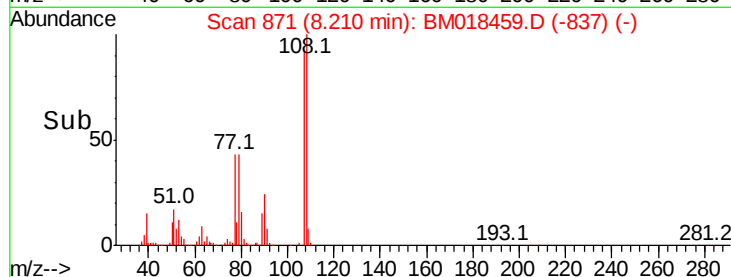
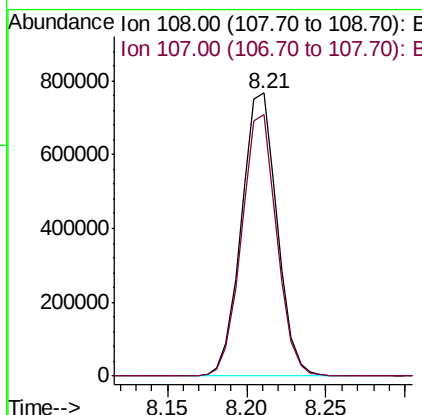
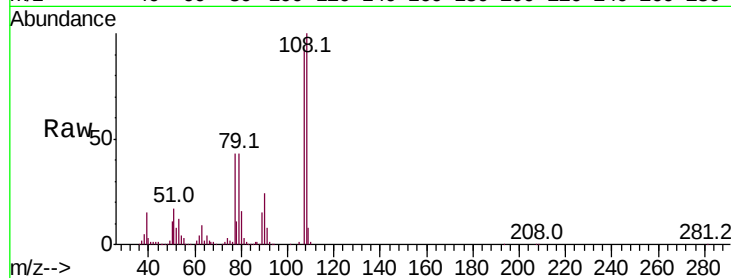




#11
2-Methylphenol
Concen: 58.868 ng/ul
RT: 8.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BM018459.D
Acq: 08 Jan 2019 11:53

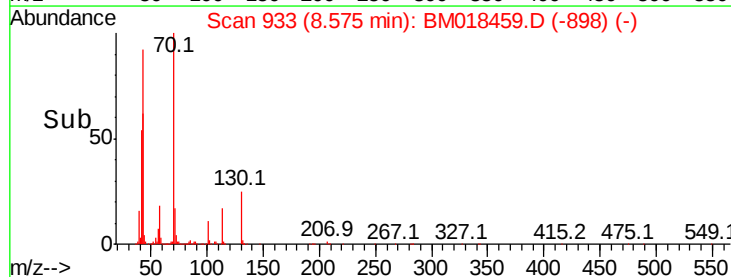
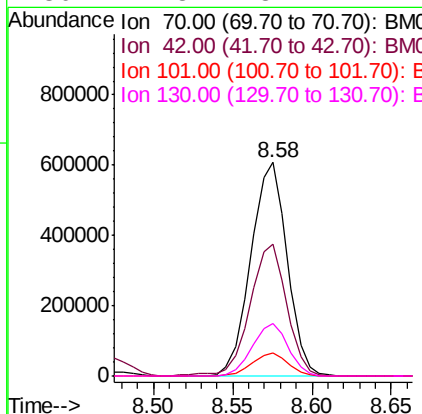
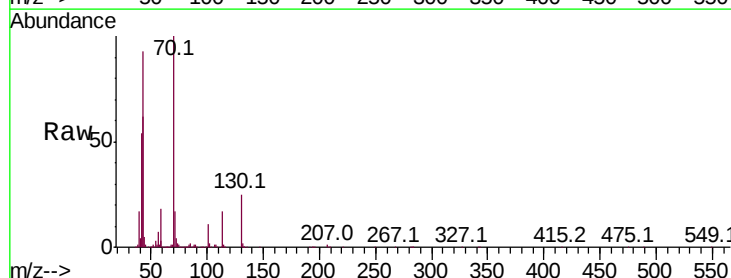
Instrument :
BNA_M
ClientSampleId :

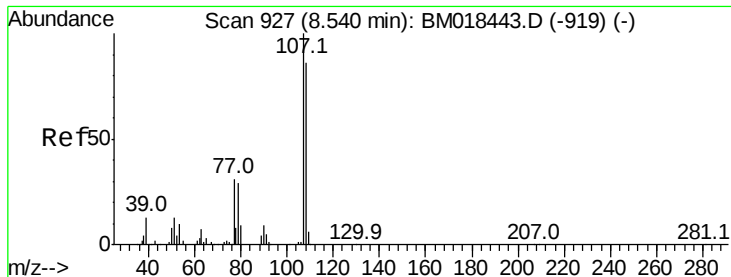
Tot Ion:108 Resp: 1198346
Ion Ratio Lower Upper
108 100
107 92.2 72.7 109.1



#15
N-Nitroso-di-n-propylamine
Concen: 61.237 ng/ul
RT: 8.58 min Scan# 933
Delta R.T. 0.01 min
Lab File: BM018459.D
Acq: 08 Jan 2019 11:53

Tgt Ion: 70 Resp: 971269
Ion Ratio Lower Upper
70 100
42 62.0 49.3 73.9
101 10.8 8.8 13.2
130 24.8 18.1 27.1





#16

4-Methylphenol

Concen: 60.405 ng/ul

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

Instrument :

BNA_M

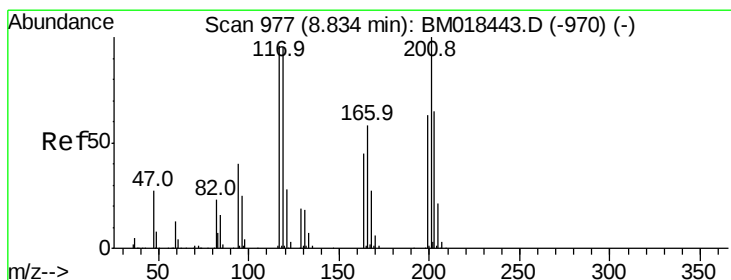
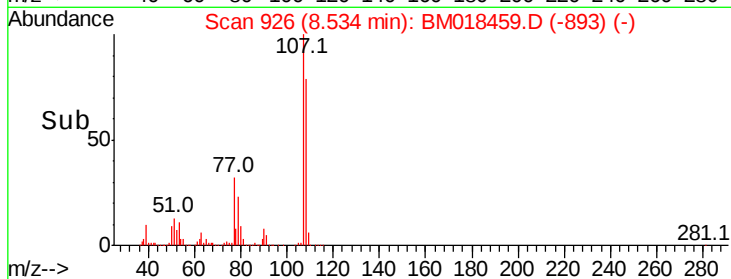
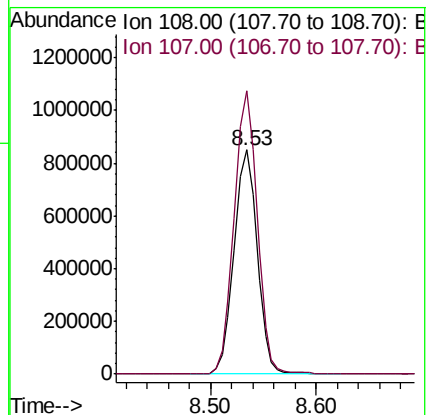
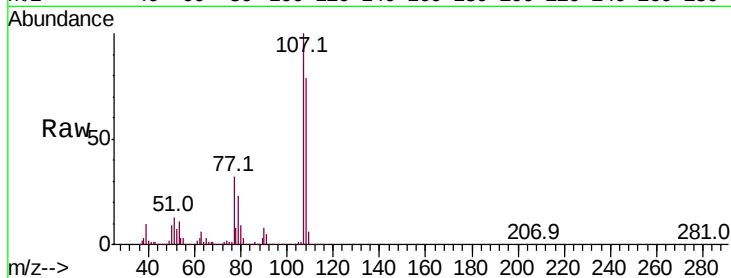
ClientSampled :

Tot Ion:108 Resp: 1290950

Ion Ratio Lower Upper

108 100

107 126.4 91.1 136.7



#17

Hexachloroethane

Concen: 38.795 ng/ul

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

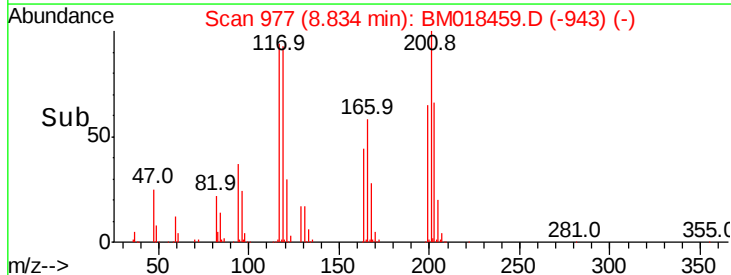
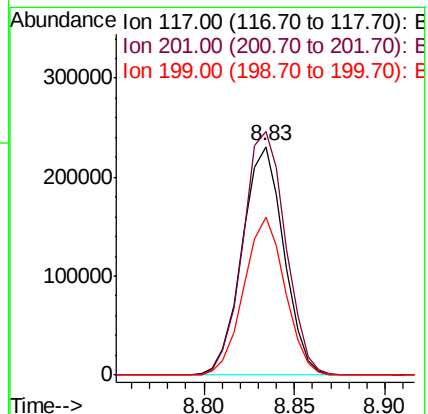
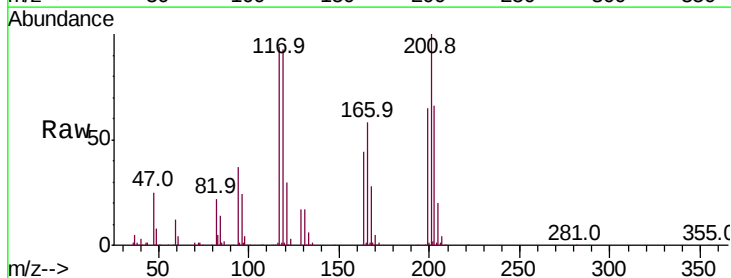
Tgt Ion:117 Resp: 370180

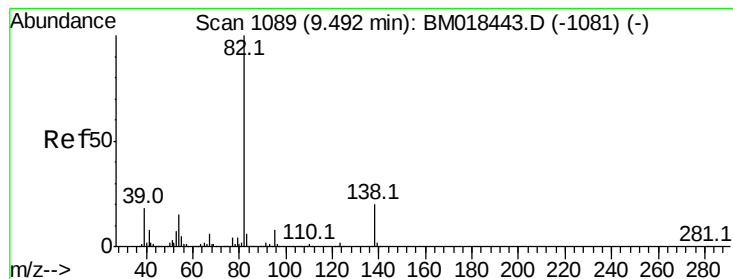
Ion Ratio Lower Upper

117 100

201 106.4 82.5 123.7

199 69.2 51.8 77.6





#21

Isophorone

Concen: 39.254 ng/ul

RT: 9.49 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

Instrument :

BNA_M

ClientSampled :

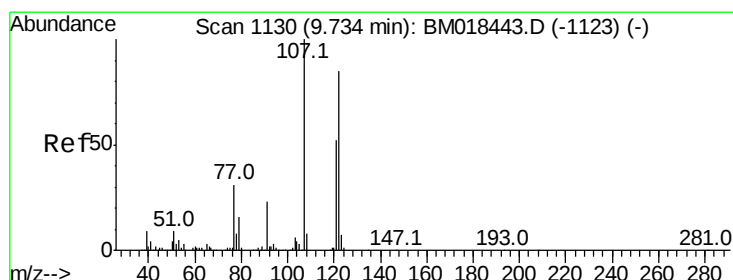
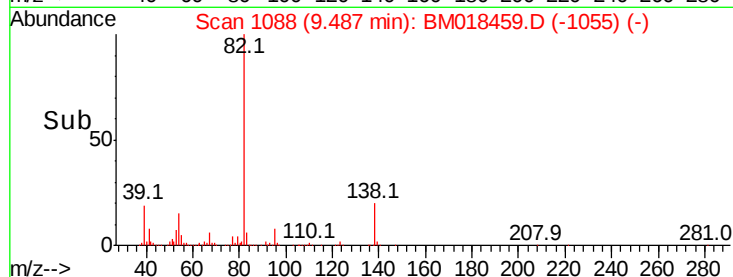
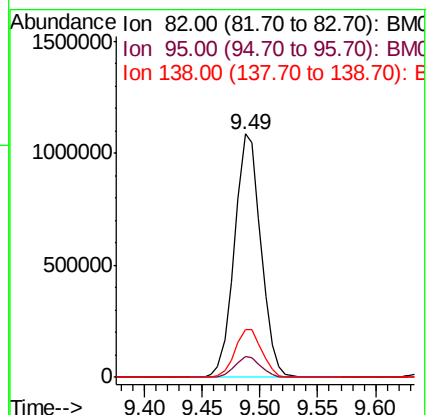
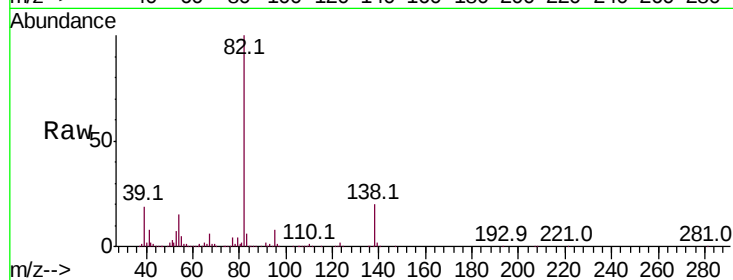
Tot Ion: 82 Resp: 1722931

Ion Ratio Lower Upper

82 100

95 8.4 6.7 10.1

138 19.5 15.9 23.9



#24

2,4-Dimethylphenol

Concen: 43.841 ng/ul

RT: 9.73 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

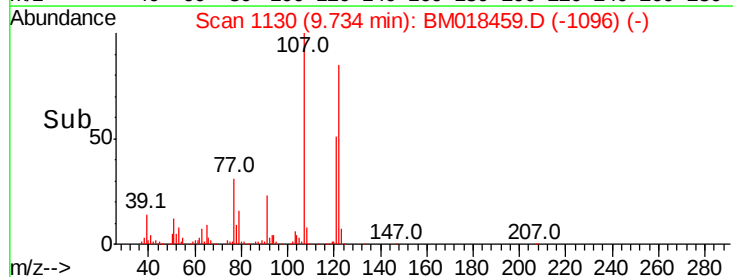
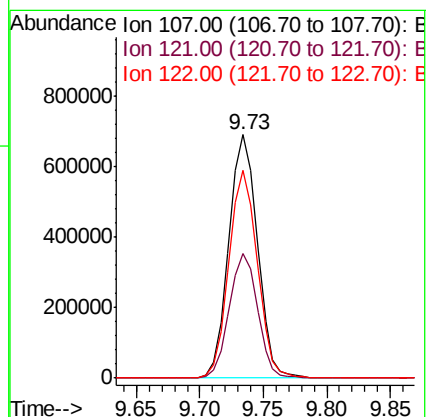
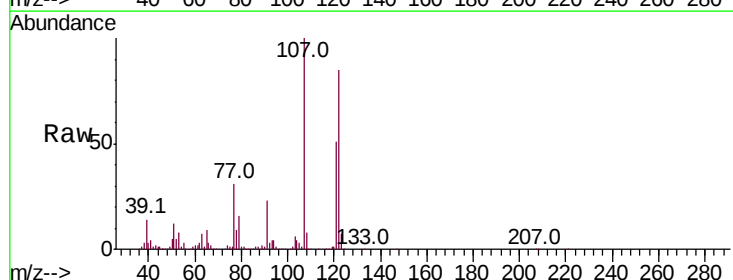
Tgt Ion: 107 Resp: 1082180

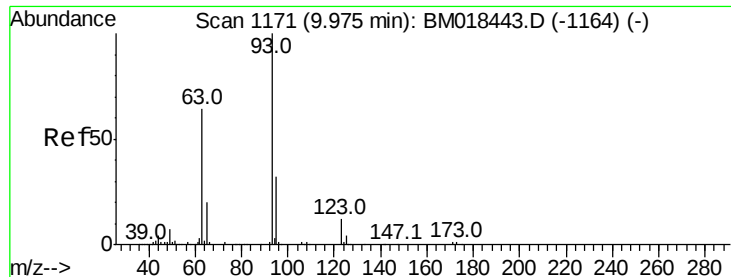
Ion Ratio Lower Upper

107 100

121 51.1 40.4 60.6

122 85.4 66.9 100.3





#25

Bis(2-Chloroethoxy)methane

Concen: 47.295 ng/ul

RT: 9.98 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

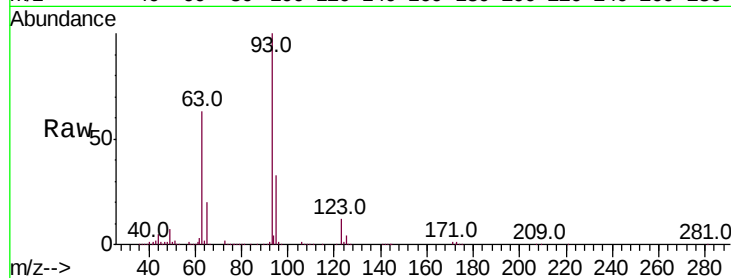
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 93 Resp: 1286467

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.6	39.8
123	12.0	9.8	14.8

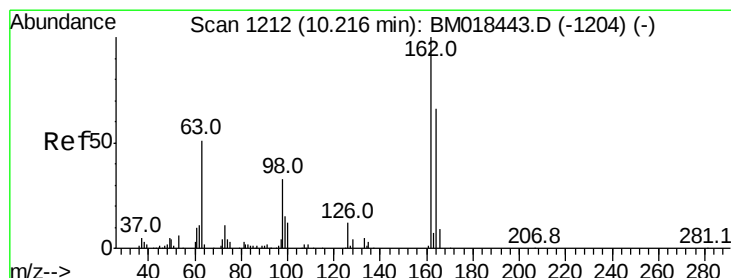
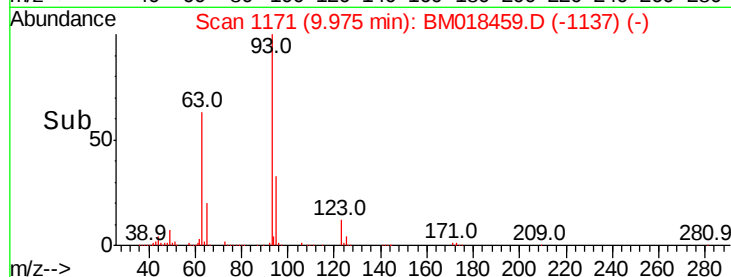
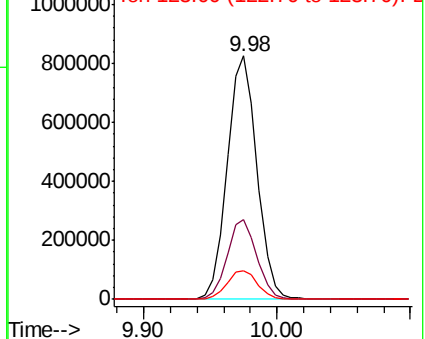


Abundance

Ion 93.00 (92.70 to 93.70): BM018443.D (-1164) (-)

Ion 95.00 (94.70 to 95.70): BM018443.D (-1164) (-)

Ion 123.00 (122.70 to 123.70): BM018443.D (-1164) (-)



#27

2,4-Dichlorophenol

Concen: 16.871 ng/ul

RT: 10.21 min Scan# 1211

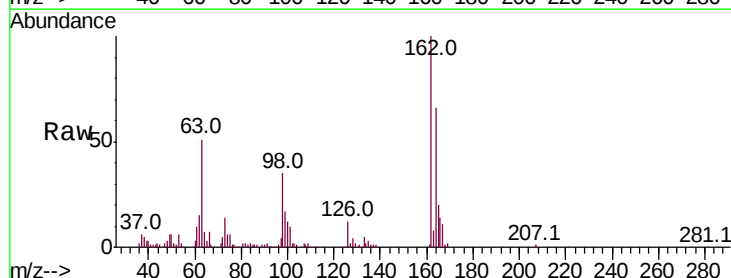
Delta R.T. -0.01 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

Tgt Ion: 162 Resp: 361747

Ion	Ratio	Lower	Upper
162	100		
164	65.6	52.0	78.0
98	34.6	27.8	41.6

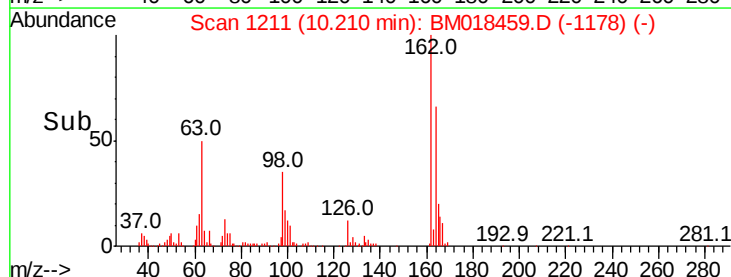
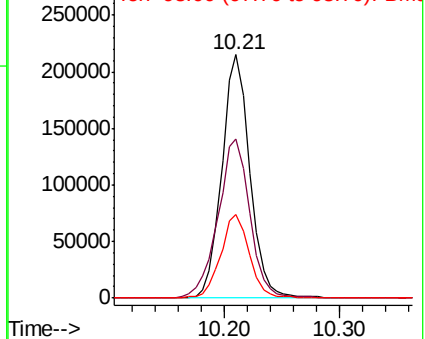


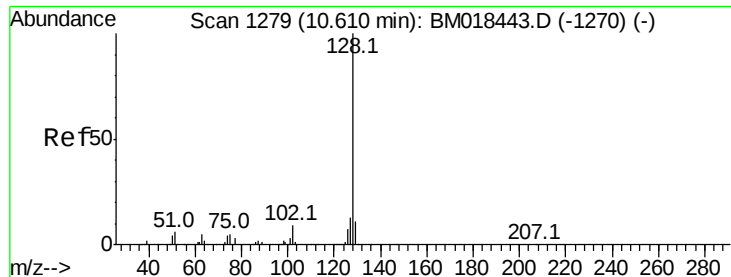
Abundance

Ion 162.00 (161.70 to 162.70): BM018443.D (-1204) (-)

Ion 164.00 (163.70 to 164.70): BM018443.D (-1204) (-)

Ion 98.00 (97.70 to 98.70): BM018443.D (-1204) (-)

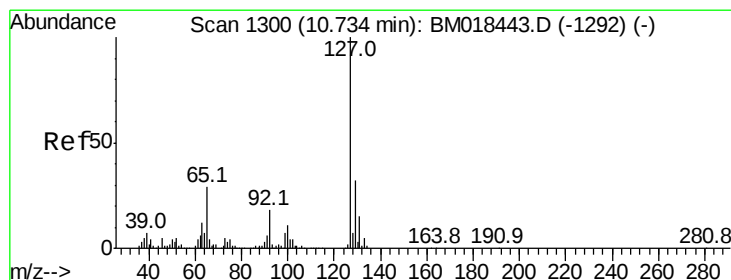
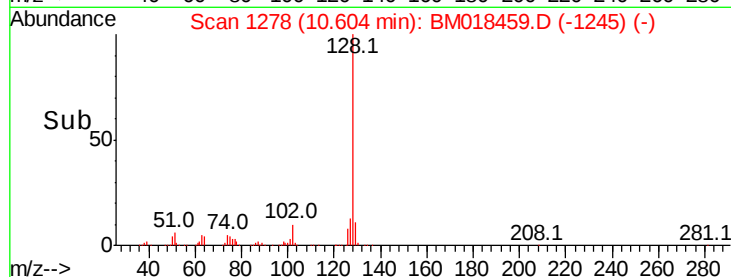
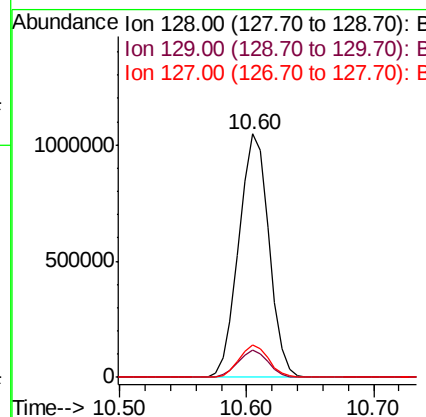
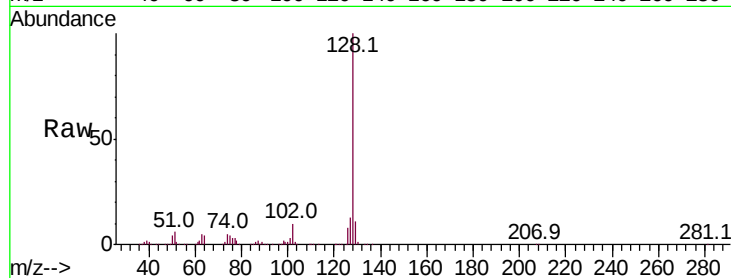




#28
Naphthalene
Concen: 23.875 ng/ul
RT: 10.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BM018459.D
Acq: 08 Jan 2019 11:53

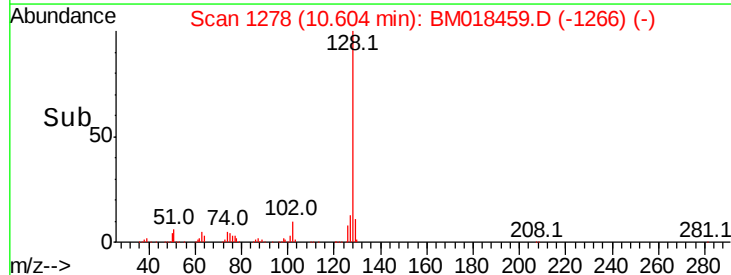
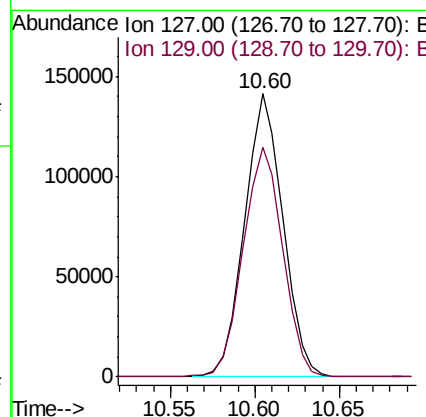
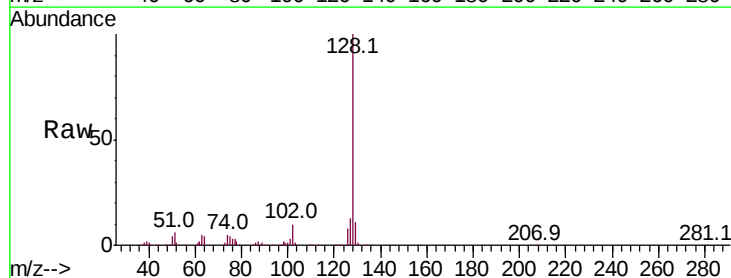
Instrument :
BNA_M
ClientSampleId :

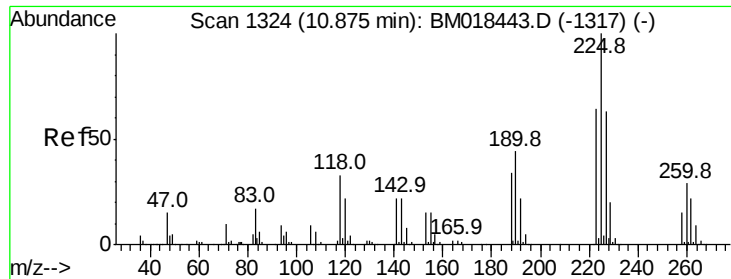
Tot Ion:128 Resp: 1723361
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.5 10.6 16.0



#30
4-Chloroaniline
Concen: 13.177 ng/ul
RT: 10.60 min Scan# 1278
Delta R.T. -0.13 min
Lab File: BM018459.D
Acq: 08 Jan 2019 11:53

Tgt Ion:127 Resp: 223660
Ion Ratio Lower Upper
127 100
129 81.3 27.4 41.2#

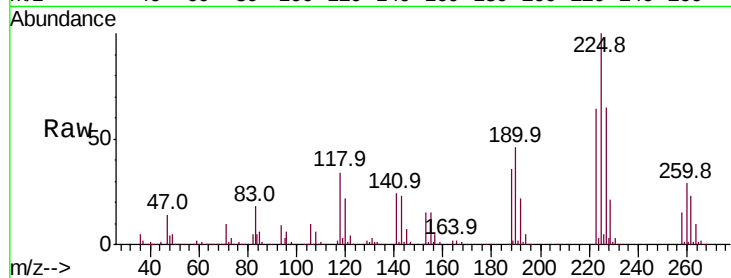




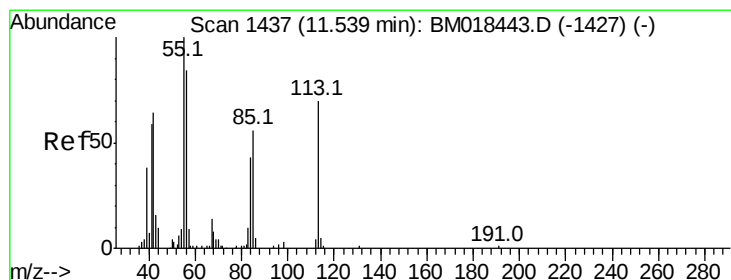
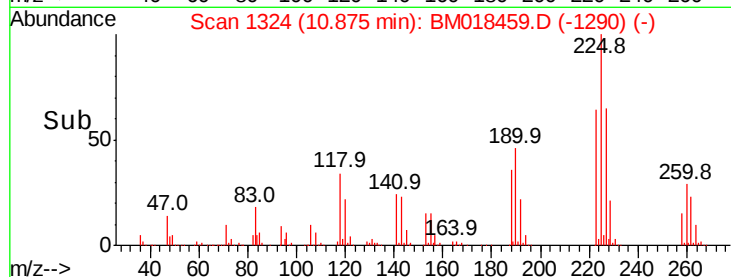
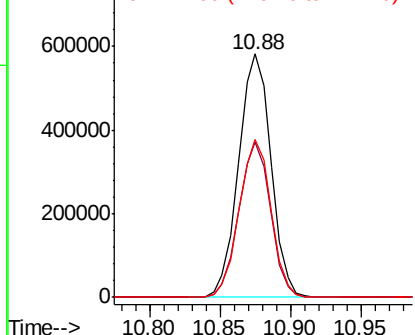
#31
Hexachlorobutadiene
Concen: 63.881 ng/ul
RT: 10.88 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BM018459.D
Acq: 08 Jan 2019 11:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:225 Resp: 933503
Ion Ratio Lower Upper
225 100
223 64.0 50.1 75.1
227 64.8 49.8 74.8

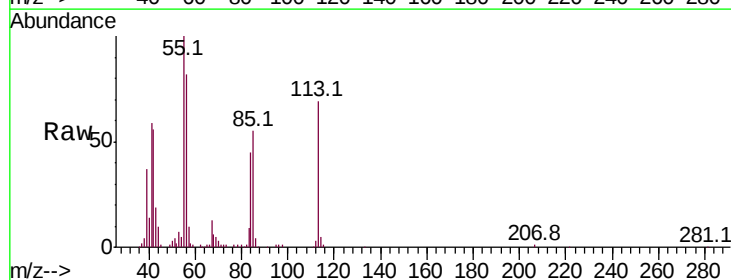


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

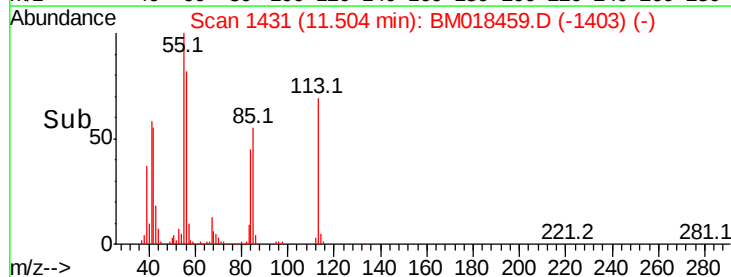
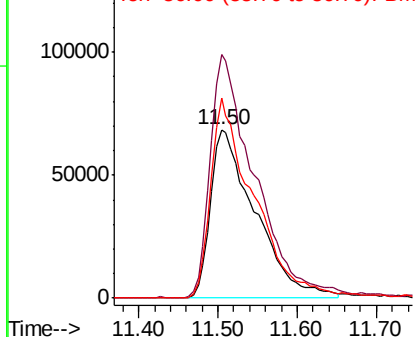


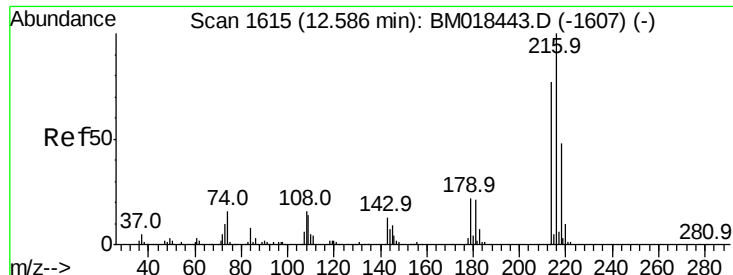
#32
Caprolactam
Concen: 40.914 ng/ul
RT: 11.50 min Scan# 1431
Delta R.T. -0.04 min
Lab File: BM018459.D
Acq: 08 Jan 2019 11:53

Tgt Ion:113 Resp: 268123
Ion Ratio Lower Upper
113 100
55 144.5 107.9 161.9
56 118.7 83.0 124.6



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

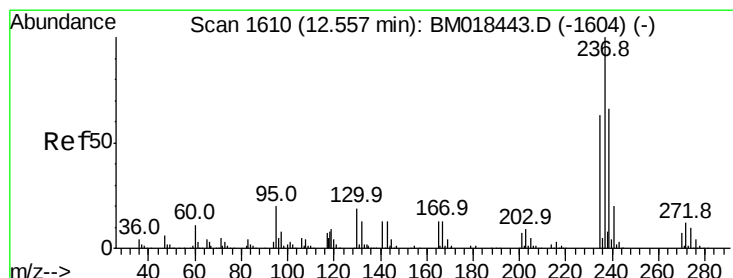
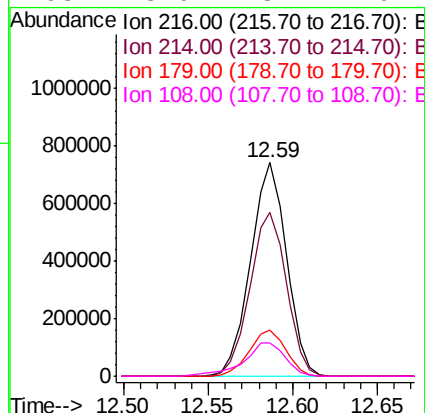
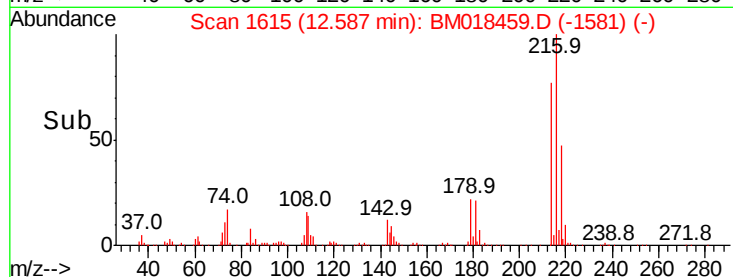
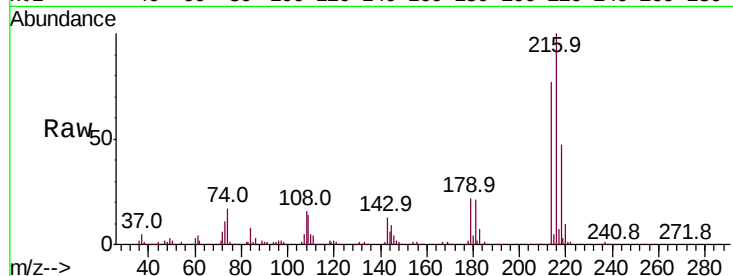




#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.308 ng/ul
 RT: 12.59 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BM018459.D
 Acq: 08 Jan 2019 11:53

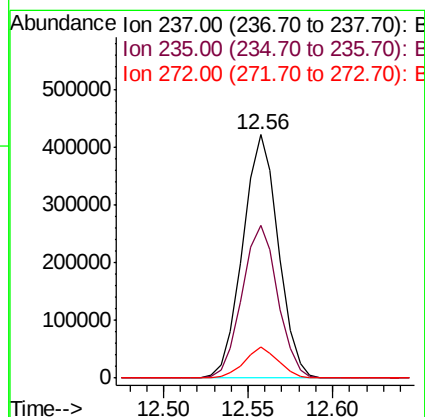
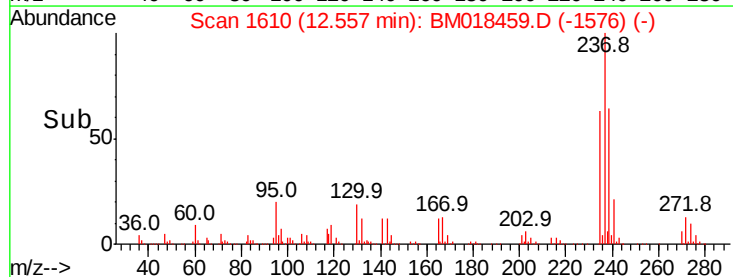
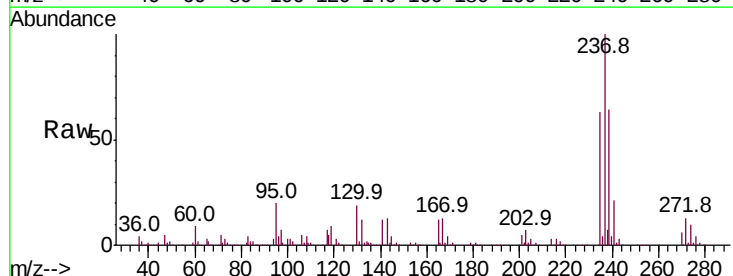
Instrument :
 BNA_M
 ClientSampleId :

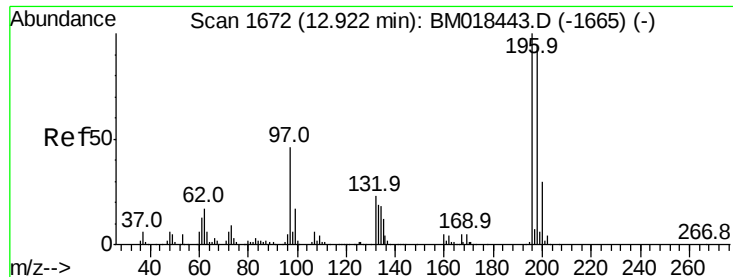
Tot Ion	Ratio	Lower	Upper
216	100		
214	76.8	64.3	96.5
179	21.8	18.8	28.2
108	15.9	13.4	20.2



#37
 Hexachlorocyclopentadiene
 Concen: 37.651 ng/ul
 RT: 12.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BM018459.D
 Acq: 08 Jan 2019 11:53

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.0	48.6	73.0
272	12.9	9.5	14.3

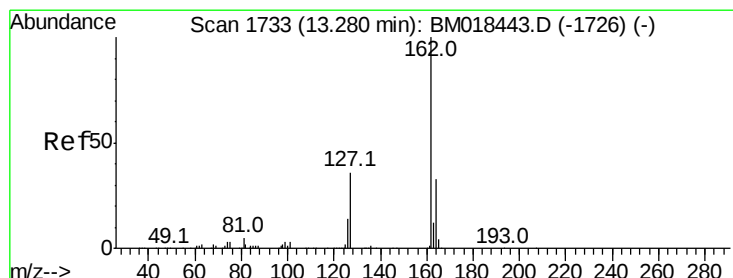
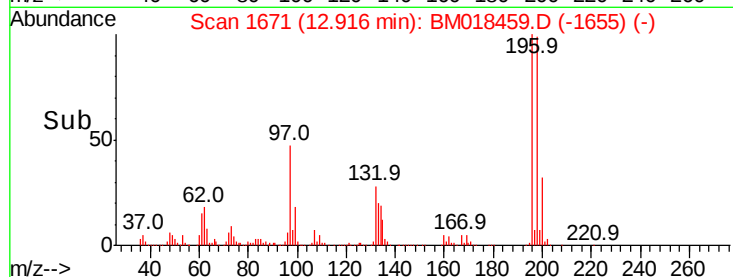
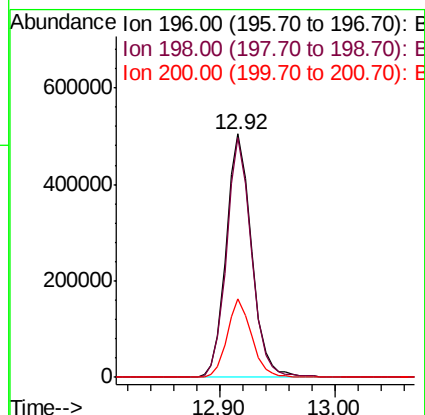
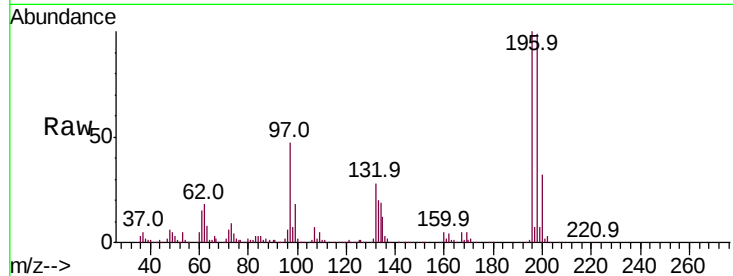




#39
 2,4,5-Trichlorophenol
 Concen: 42.430 ng/ul
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM018459.D
 Acq: 08 Jan 2019 11:53

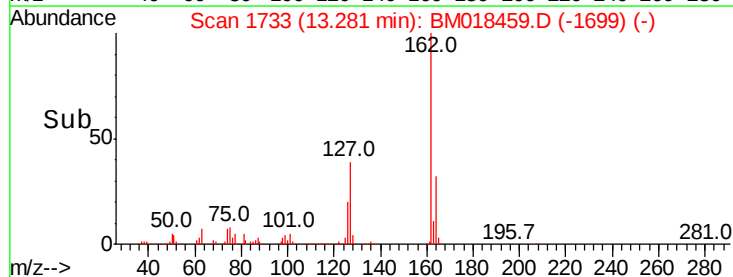
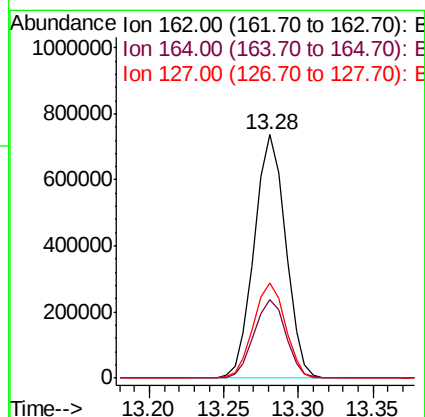
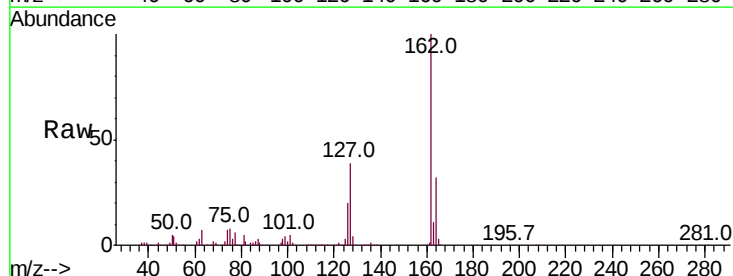
Instrument :
 BNA_M
 ClientSampleId :

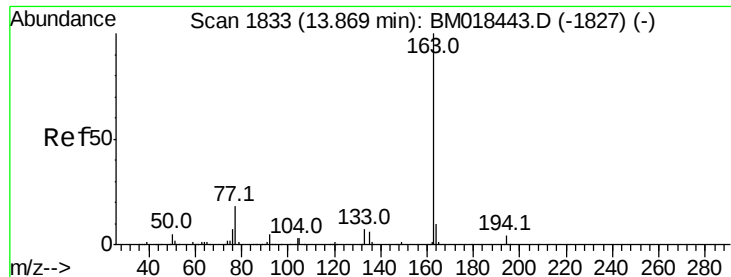
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.5	76.6	115.0
200	32.1	24.8	37.2



#41
 2-Chloronaphthalene
 Concen: 20.138 ng/ul
 RT: 13.28 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: BM018459.D
 Acq: 08 Jan 2019 11:53

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.3	27.4	41.2
127	39.3	32.0	48.0

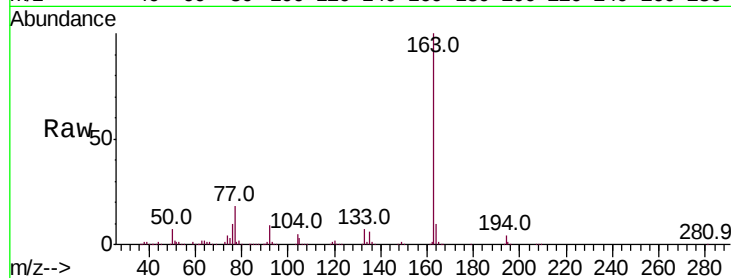




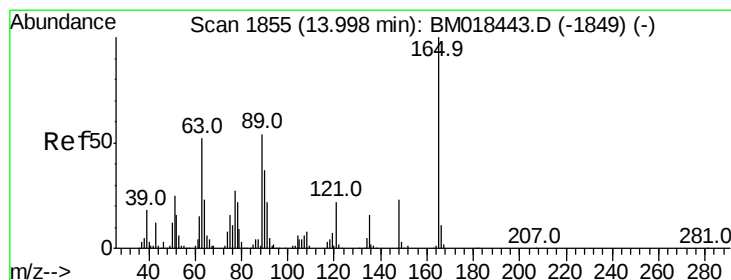
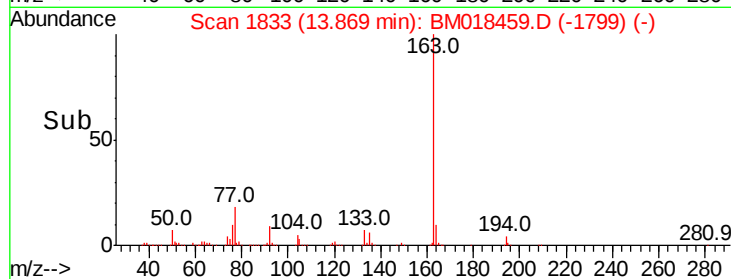
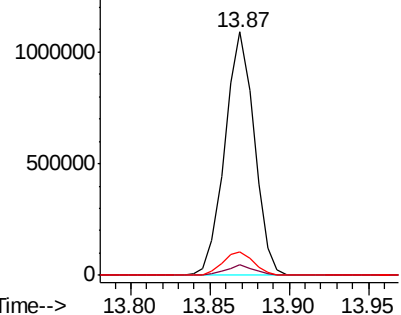
#44
 Dimethylphthalate
 Concen: 20.878 ng/ul
 RT: 13.87 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: BM018459.D
 Acq: 08 Jan 2019 11:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:163 Resp: 1404334
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.2 4.8
 164 9.9 8.6 12.8

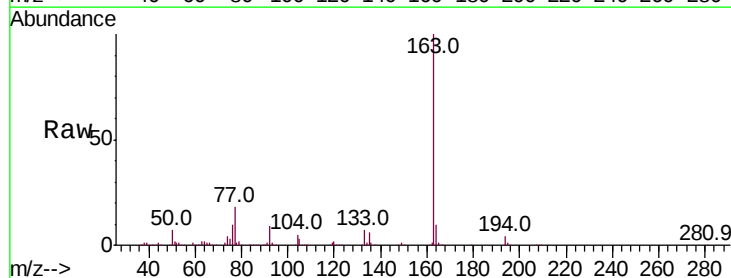


Abundance Ion 163.00 (162.70 to 163.70): E
 1500000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

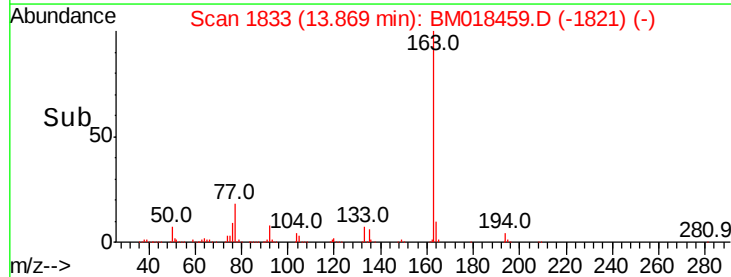
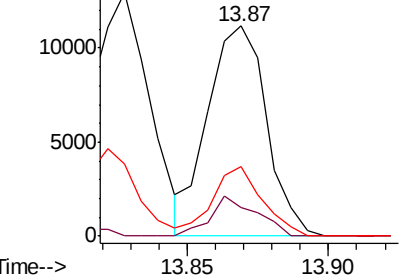


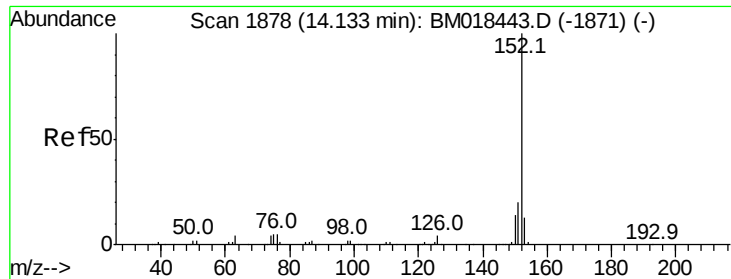
#45
 2,6-Dinitrotoluene
 Concen: 1.284 ng/ul
 RT: 13.87 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: BM018459.D
 Acq: 08 Jan 2019 11:53

Tgt Ion:165 Resp: 16113
 Ion Ratio Lower Upper
 165 100
 89 13.7 45.5 68.3#
 121 33.2 17.8 26.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 15000 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 24.103 ng/ul

RT: 14.13 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

Instrument :

BNA_M

ClientSampleId :

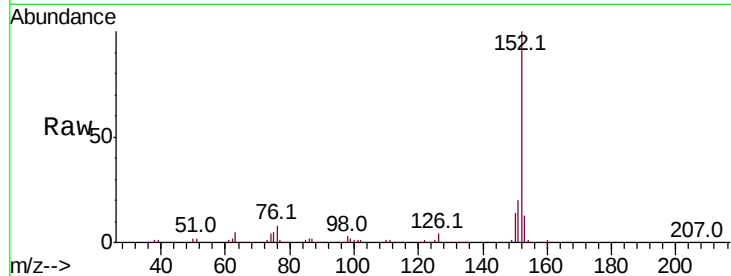
Tot Ion:152 Resp: 1904729

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

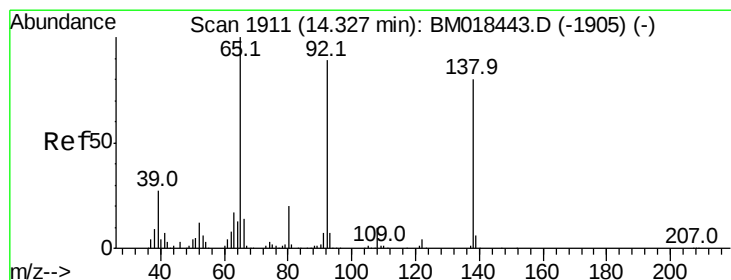
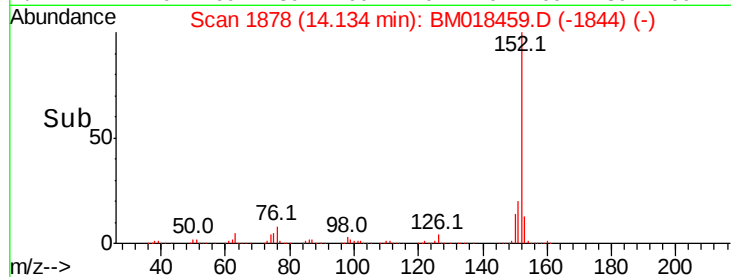
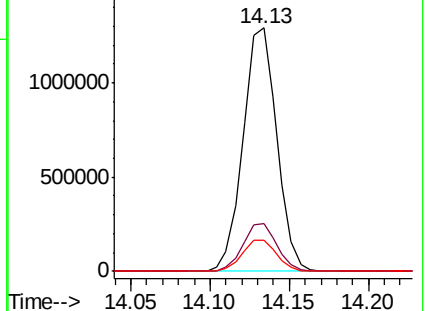
153 13.0 10.5 15.7



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: 2.771 ng/ul

RT: 14.33 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

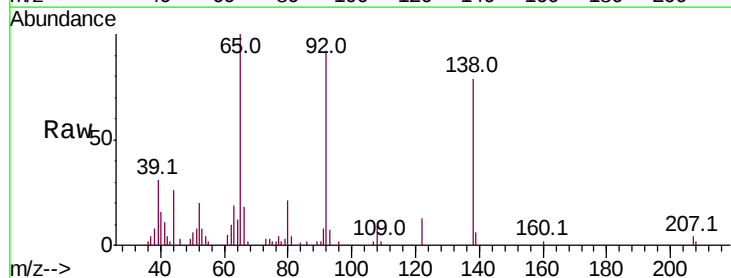
Tgt Ion:138 Resp: 31135

Ion Ratio Lower Upper

138 100

108 11.9 9.1 13.7

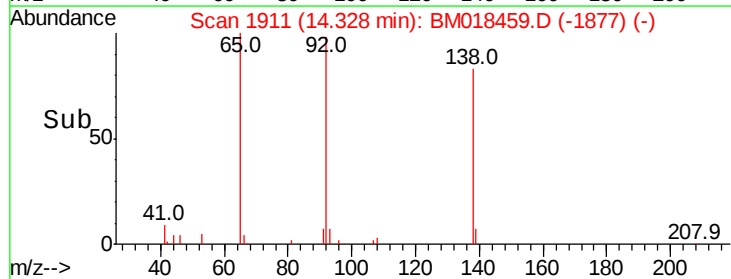
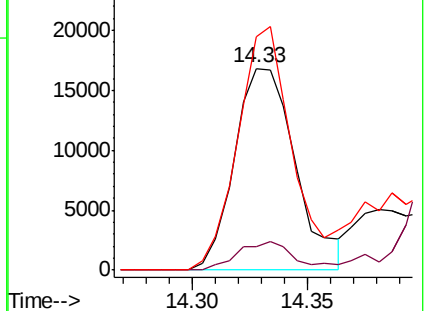
92 115.6 84.3 126.5

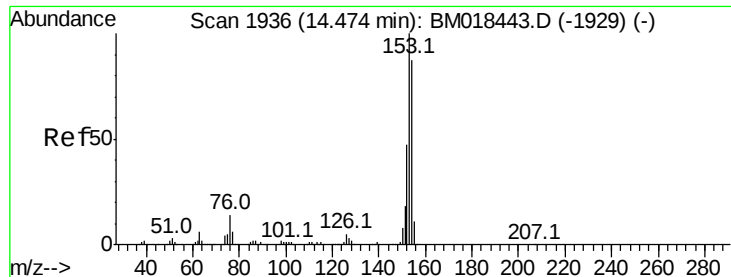


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 34.480 ng/ul

RT: 14.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

Instrument :

BNA_M

ClientSampleId :

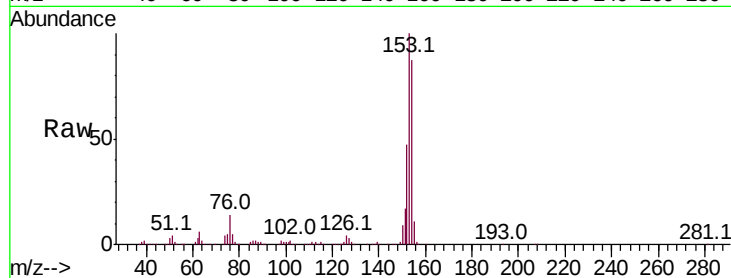
Tot Ion:153 Resp: 1949342

Ion Ratio Lower Upper

153 100

152 46.9 37.9 56.9

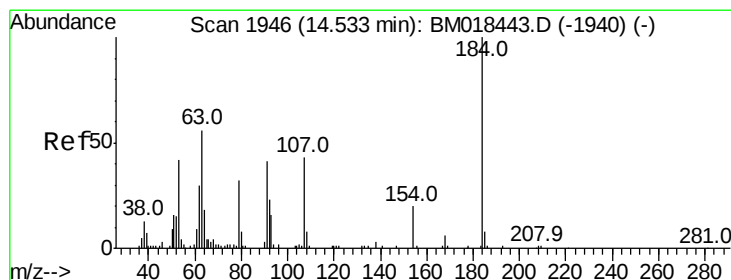
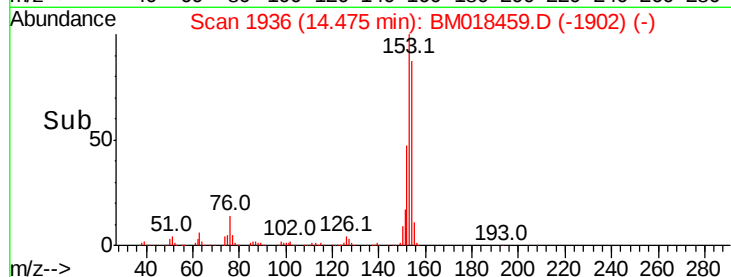
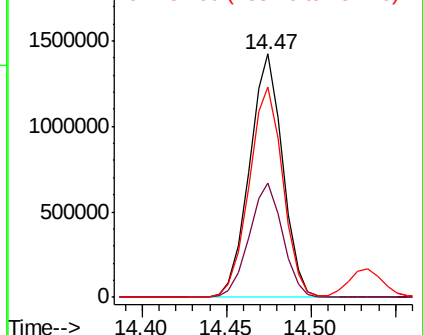
154 86.6 70.0 105.0



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: 58.747 ng/ul

RT: 14.53 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

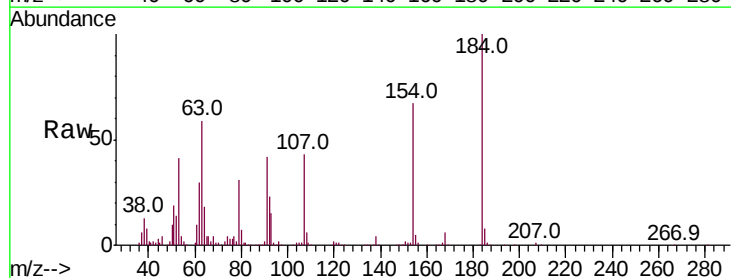
Tgt Ion:184 Resp: 354361

Ion Ratio Lower Upper

184 100

63 59.2 49.2 73.8

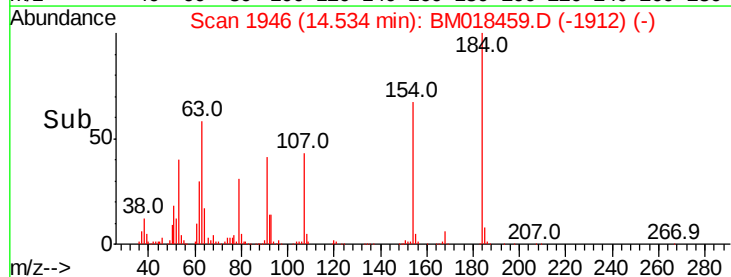
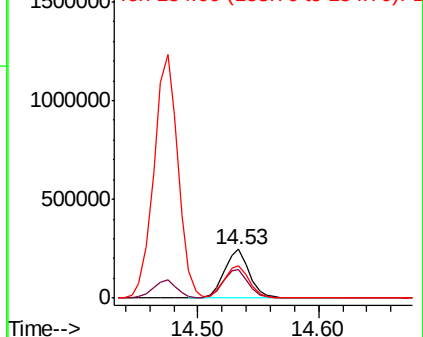
154 67.4 51.4 77.2

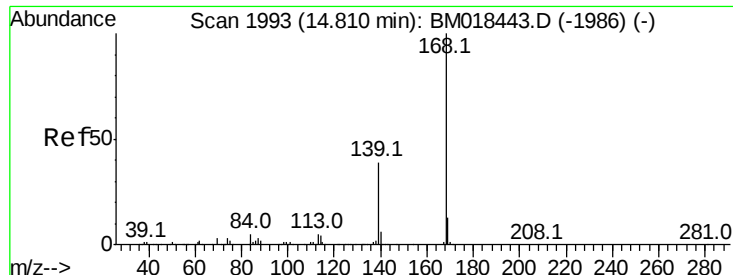


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 20.193 ng/ul

RT: 14.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

Instrument :

BNA_M

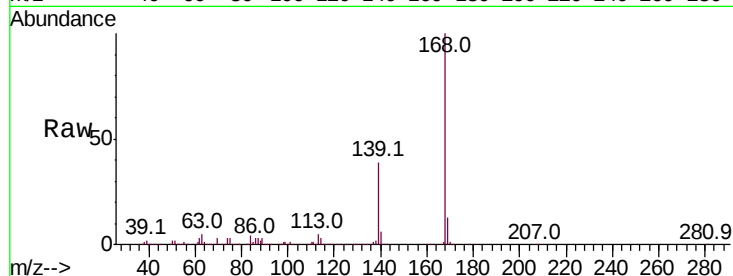
ClientSampleId :

Tot Ion:168 Resp: 1600552

Ion Ratio Lower Upper

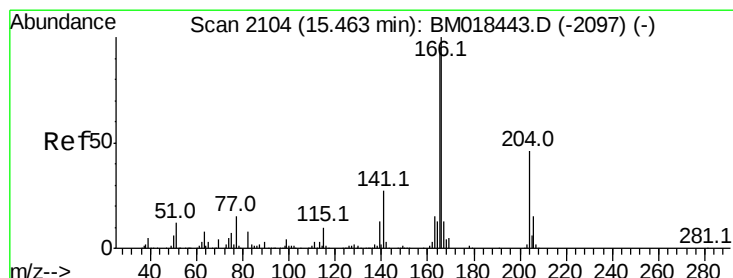
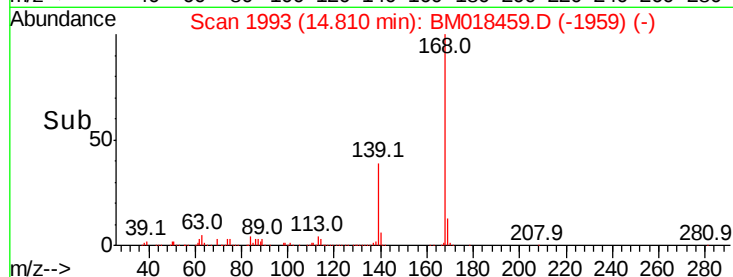
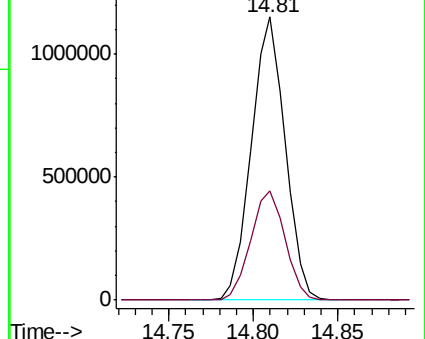
168 100

139 38.7 31.8 47.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 8.300 ng/ul

RT: 15.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

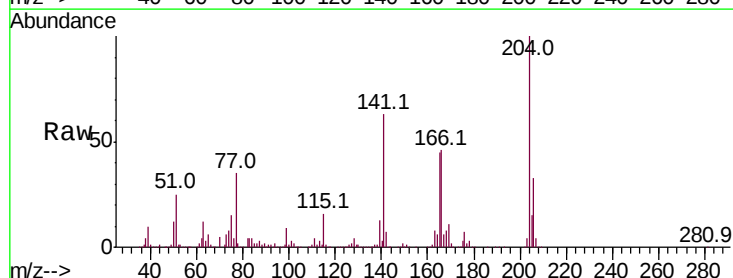
Tgt Ion:166 Resp: 533333

Ion Ratio Lower Upper

166 100

165 98.2 79.4 119.2

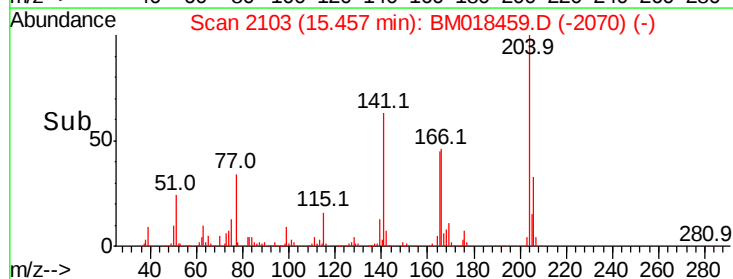
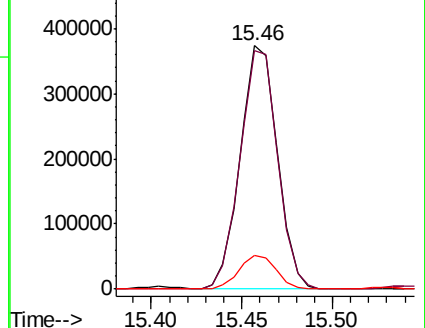
167 13.9 10.3 15.5

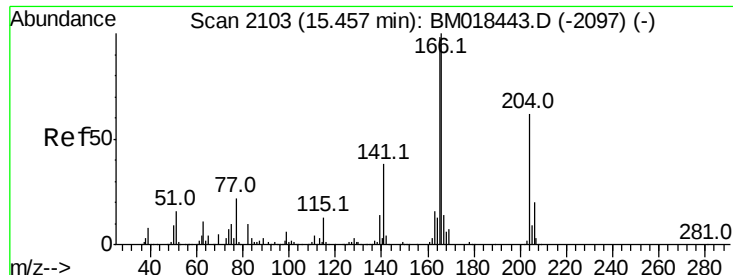


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

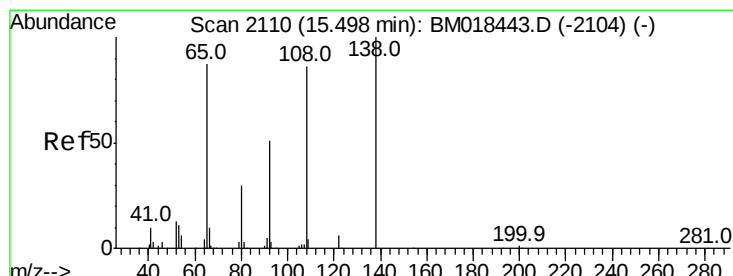
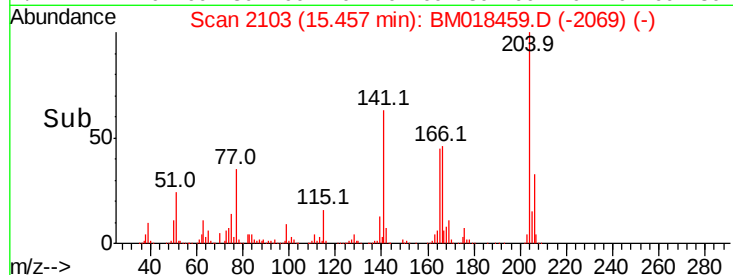
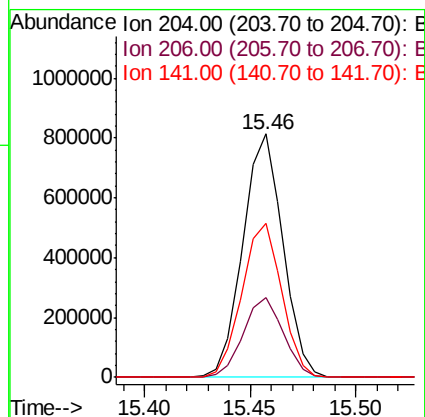
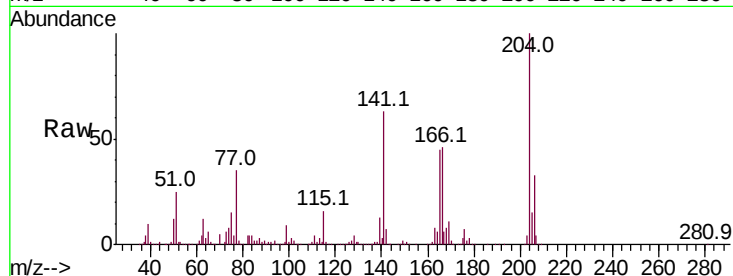




#59
4-Chlorophenyl-phenylether
Concen: 32.564 ng/ul
RT: 15.46 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BM018459.D
Acq: 08 Jan 2019 11:53

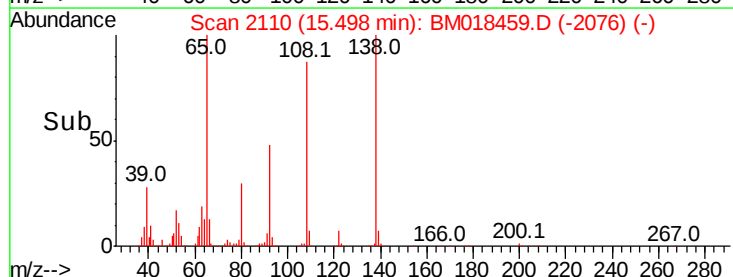
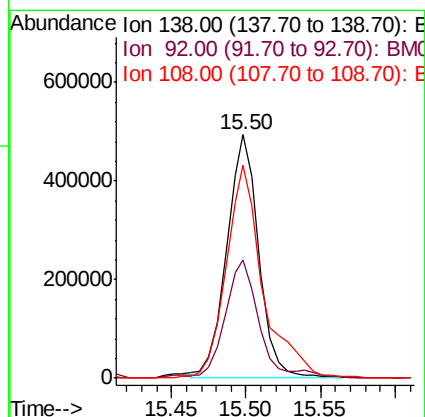
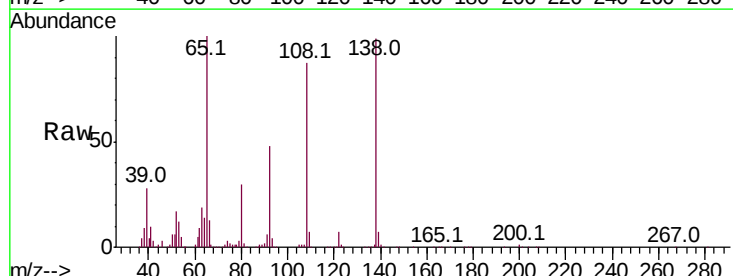
Instrument :
BNA_M
ClientSampleId :

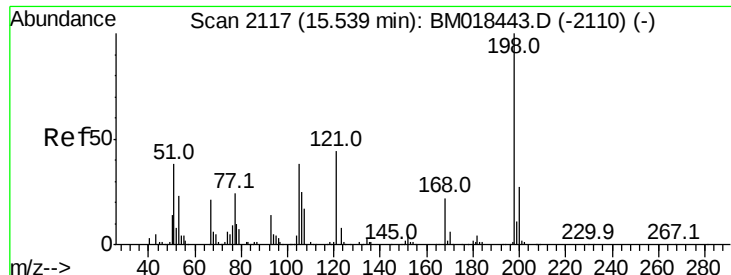
Tot Ion:204 Resp: 1070778
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 63.4 49.4 74.2



#60
4-Nitroaniline
Concen: 54.852 ng/ul
RT: 15.50 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BM018459.D
Acq: 08 Jan 2019 11:53

Tgt Ion:138 Resp: 732398
Ion Ratio Lower Upper
138 100
92 48.3 39.3 58.9
108 87.3 69.8 104.6

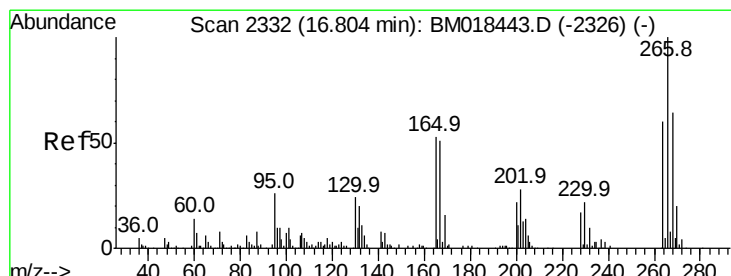
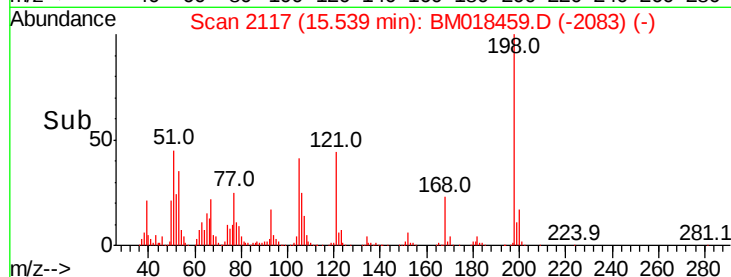
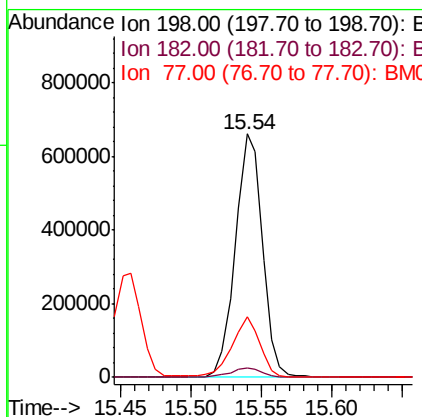
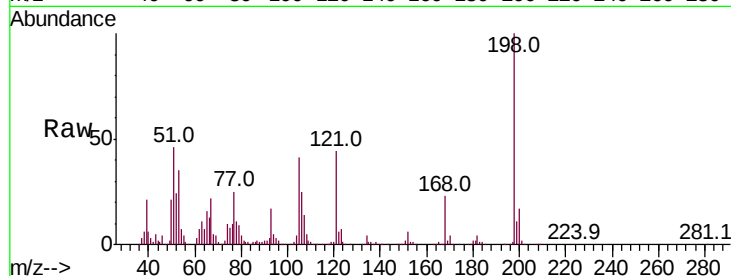




#63
4,6-Dinitro-2-methylphenol
Concen: 82.090 ng/ul
RT: 15.54 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BM018459.D
Acq: 08 Jan 2019 11:53

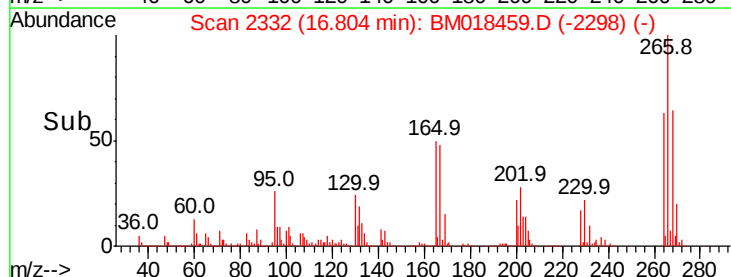
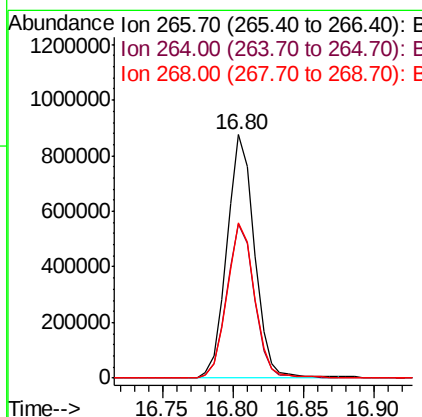
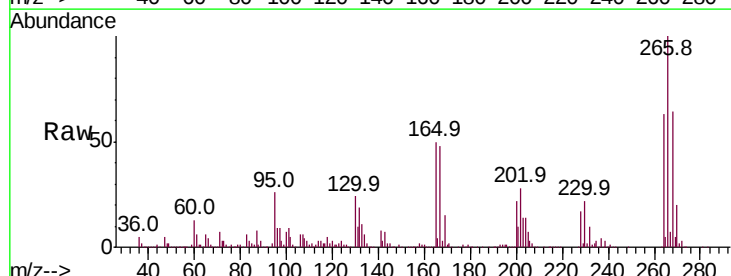
Instrument :
BNA_M
ClientSampled :

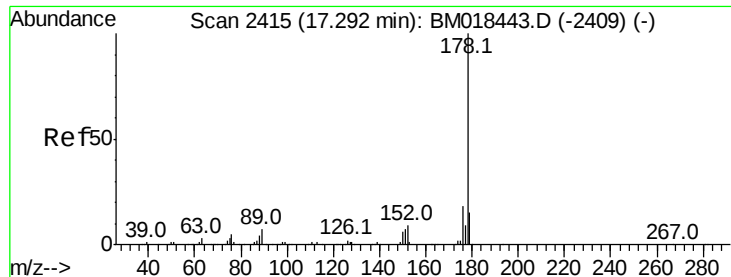
Tot Ion	198	Resp	886693
Ion Ratio	100		
Lower	3.2		
Upper	4.8		
77	24.8	21.0	31.6



#68
Pentachlorophenol
Concen: 95.345 ng/ul
RT: 16.80 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BM018459.D
Acq: 08 Jan 2019 11:53

Tgt Ion	266	Resp	1194449
Ion Ratio	100		
Lower	51.9		
Upper	77.9		
264	63.1	52.8	79.2
268	63.9		





#71

Anthracene

Concen: 33.187 ng/ul

RT: 17.29 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

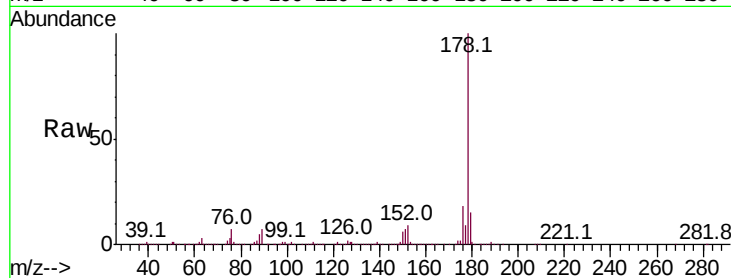
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 3511184

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	17.9	14.6	22.0

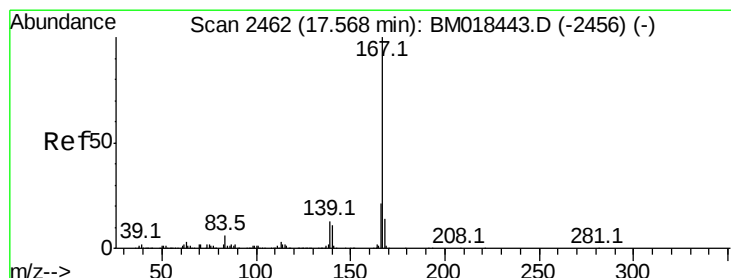
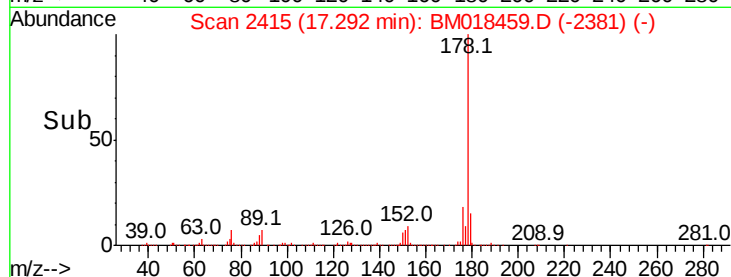
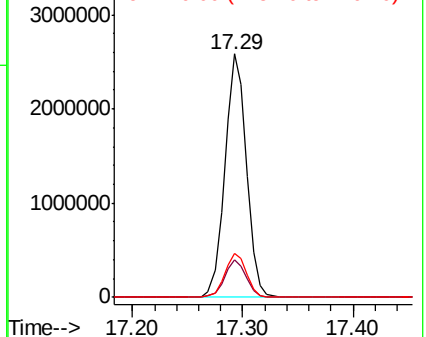


Abundance

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: 41.505 ng/ul

RT: 17.57 min Scan# 2462

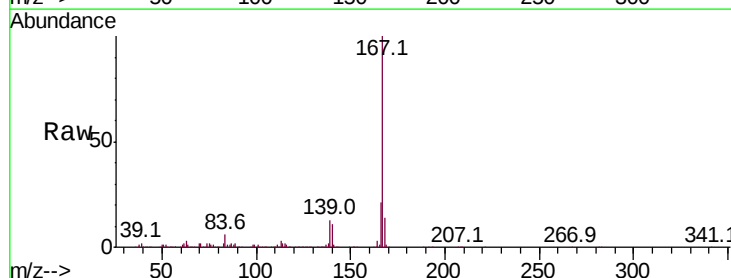
Delta R.T. 0.00 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

Tgt Ion:167 Resp: 3860745

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	13.2	10.6	15.8

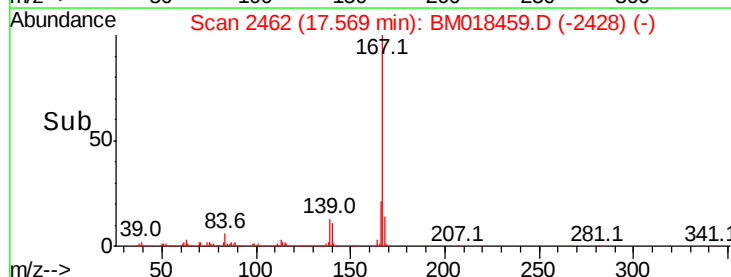
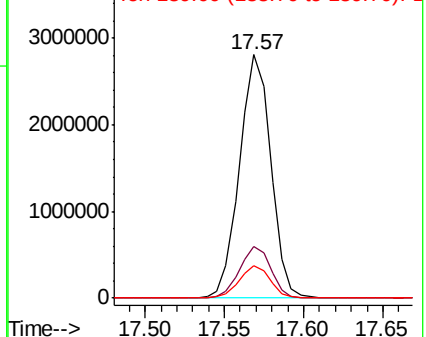


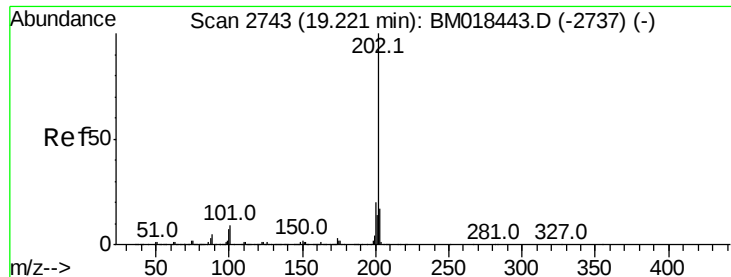
Abundance

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

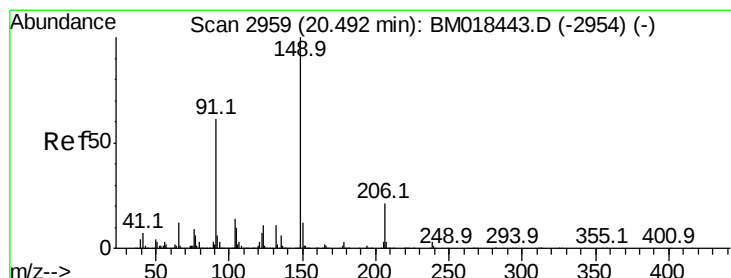
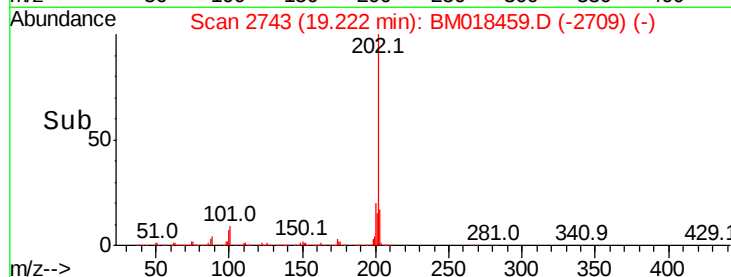
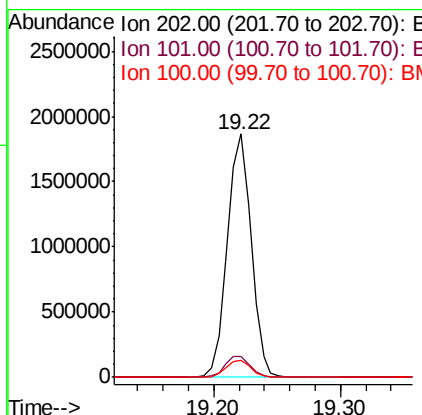
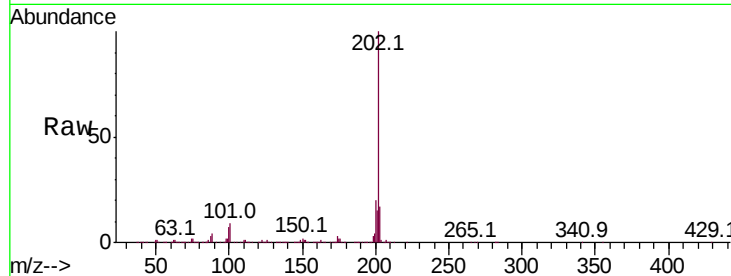




#76
 Fluoranthene
 Concen: 20.785 ng/ul
 RT: 19.22 min Scan# 2743
 Delta R.T. 0.00 min
 Lab File: BM018459.D
 Acq: 08 Jan 2019 11:53

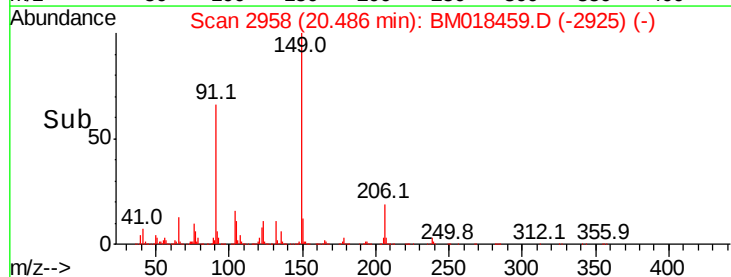
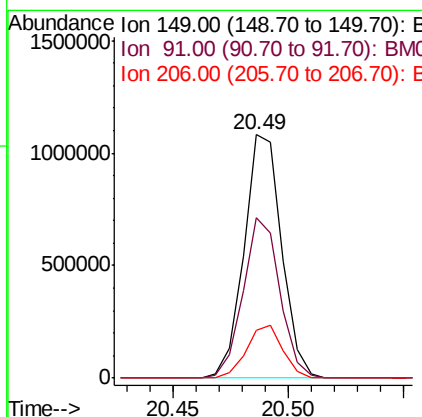
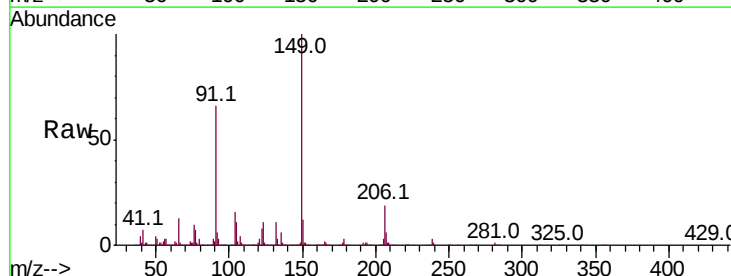
Instrument :
 BNA_M
 ClientSampleId :

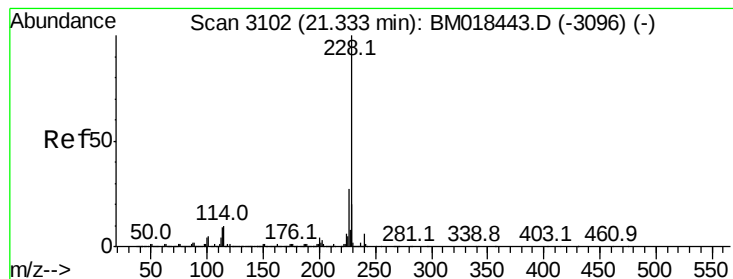
Tot Ion:202 Resp: 2431620
 Ion Ratio Lower Upper
 202 100
 101 8.6 7.2 10.8
 100 6.8 5.9 8.9



#80
 Butylbenzylphthalate
 Concen: 23.433 ng/ul
 RT: 20.49 min Scan# 2958
 Delta R.T. -0.01 min
 Lab File: BM018459.D
 Acq: 08 Jan 2019 11:53

Tgt Ion:149 Resp: 1232505
 Ion Ratio Lower Upper
 149 100
 91 66.1 52.6 79.0
 206 19.4 15.6 23.4





#82

Benzo(a)anthracene

Concen: 31.530 ng/u1

RT: 21.39 min Scan# 3112

Delta R.T. 0.06 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

Instrument :

BNA_M

ClientSampleId :

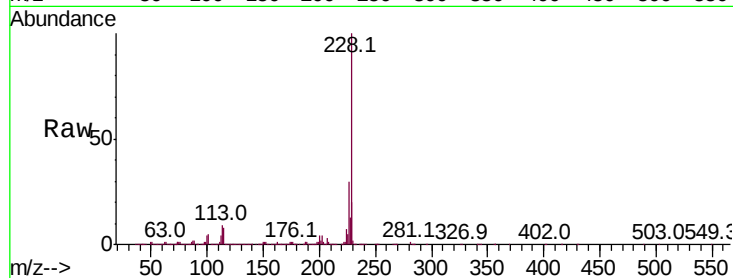
Tot Ion:228 Resp: 4047415

Ion Ratio Lower Upper

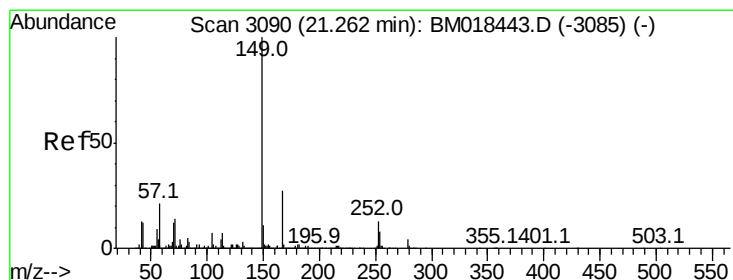
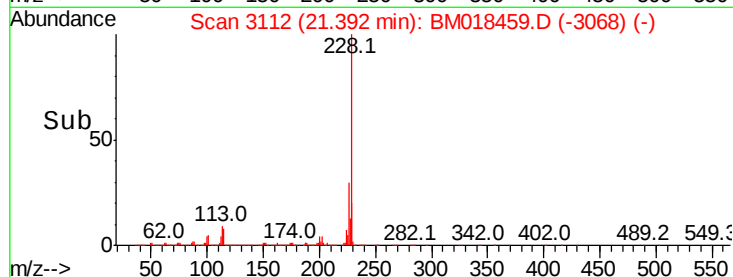
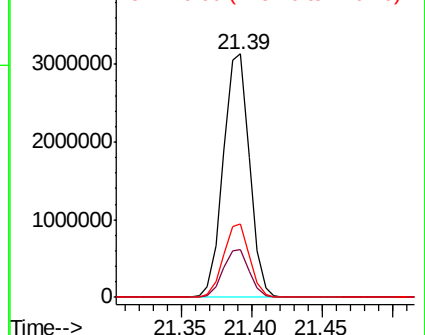
228 100

229 19.8 15.8 23.8

226 30.1 21.5 32.3



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: 22.752 ng/u1

RT: 21.26 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

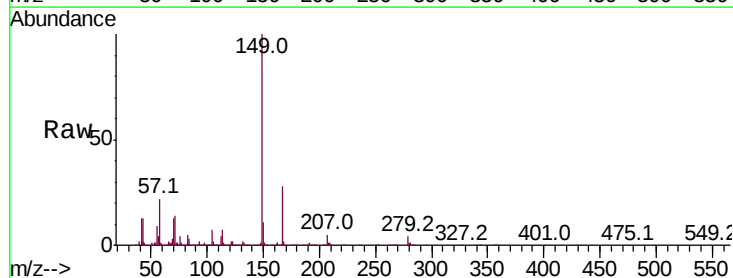
Tgt Ion:149 Resp: 1780270

Ion Ratio Lower Upper

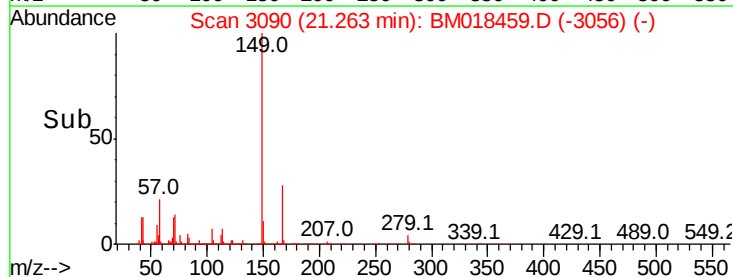
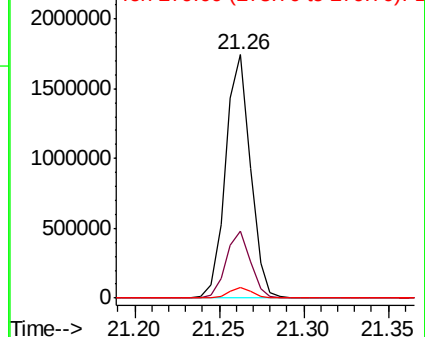
149 100

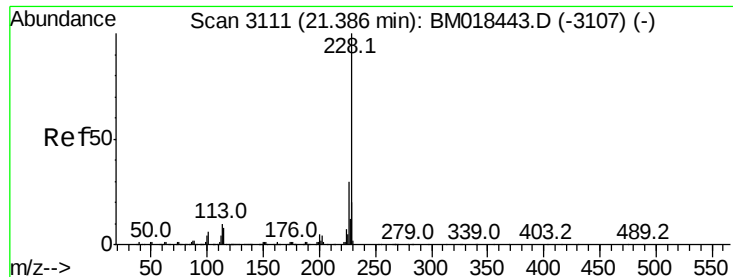
167 27.5 21.4 32.0

279 4.3 2.9 4.3



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: 33.762 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

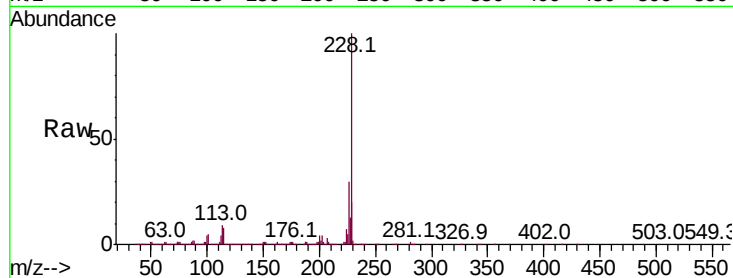
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 4047415

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	19.8	15.8	23.6

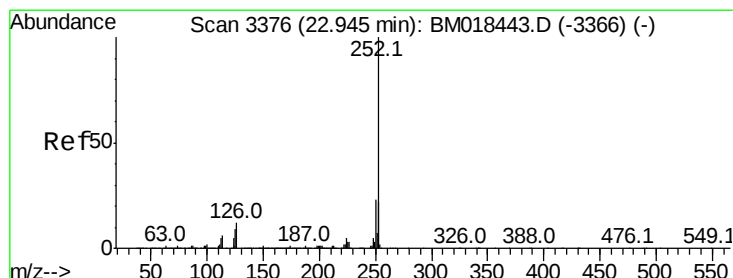
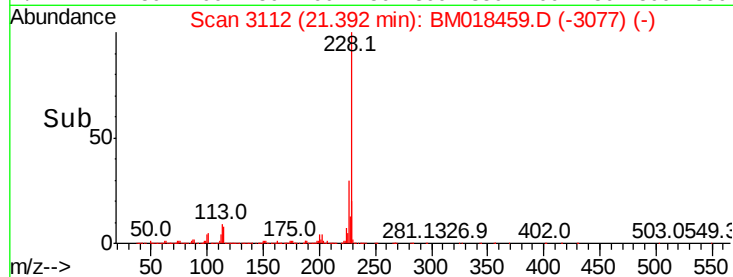
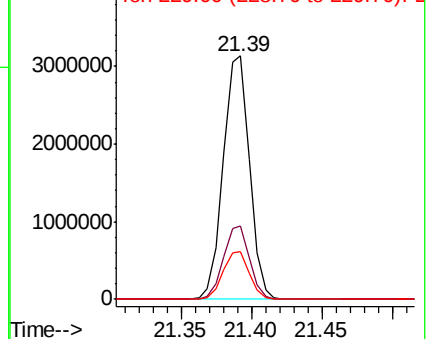


Abundance

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: 41.042 ng/ul

RT: 22.99 min Scan# 3384

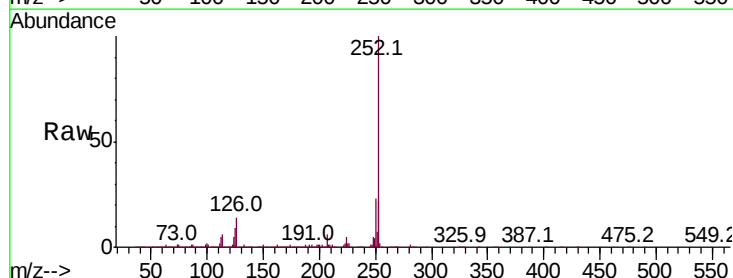
Delta R.T. 0.05 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

Tgt Ion:252 Resp: 5187553

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	9.2	7.8	11.6

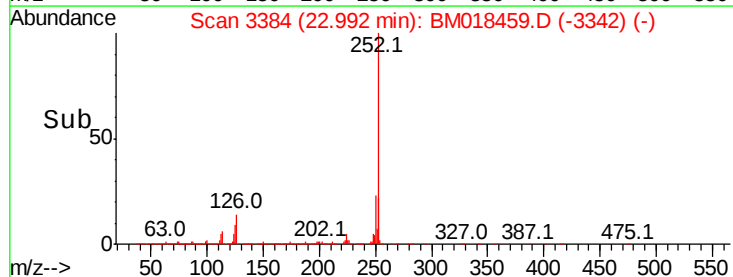
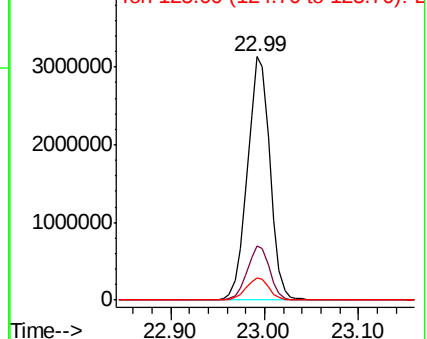


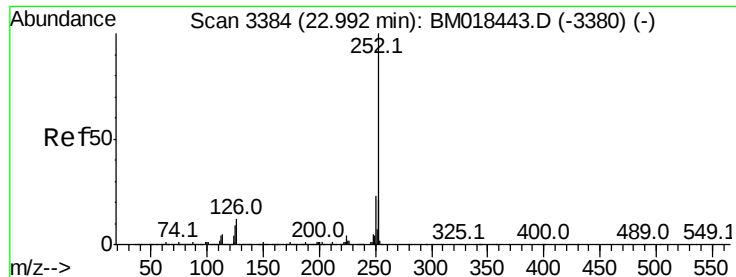
Abundance

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





#88

Benzo(k)fluoranthene

Concen: 42.626 ng/ul

RT: 22.99 min Scan# 3384

Delta R.T. 0.00 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

Instrument :

BNA_M

ClientSampleId :

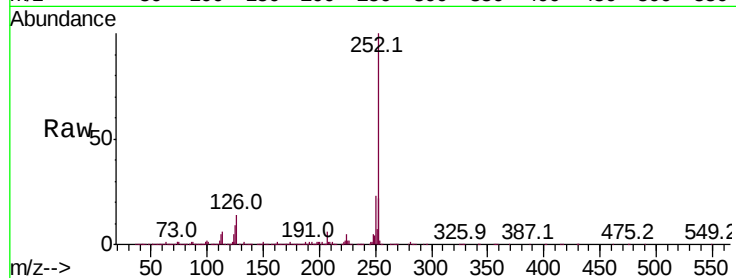
Tot Ion:252 Resp: 5187553

Ion Ratio Lower Upper

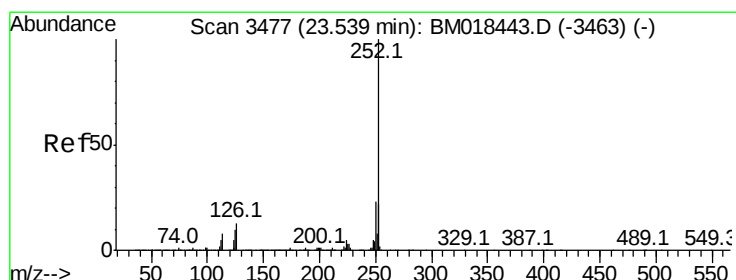
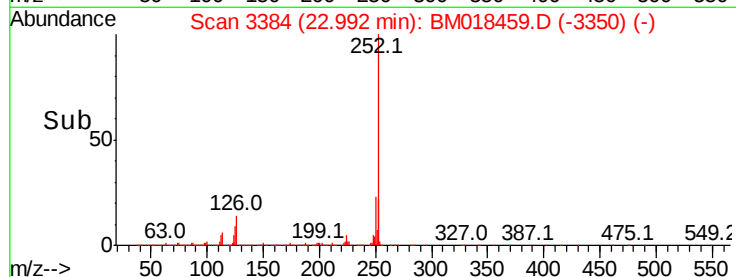
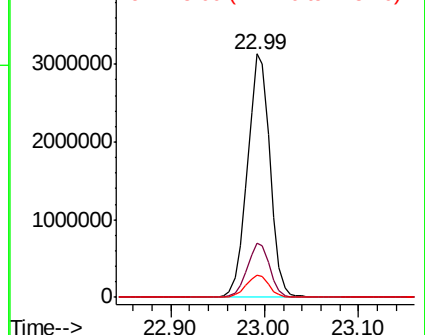
252 100

253 22.2 17.4 26.0

125 9.2 7.6 11.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.333 ng/ul

RT: 23.54 min Scan# 3477

Delta R.T. 0.00 min

Lab File: BM018459.D

Acq: 08 Jan 2019 11:53

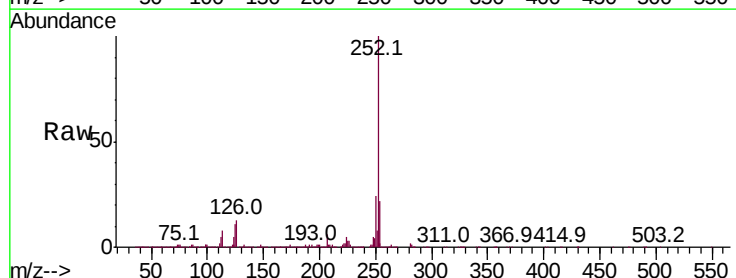
Tgt Ion:252 Resp: 5000651

Ion Ratio Lower Upper

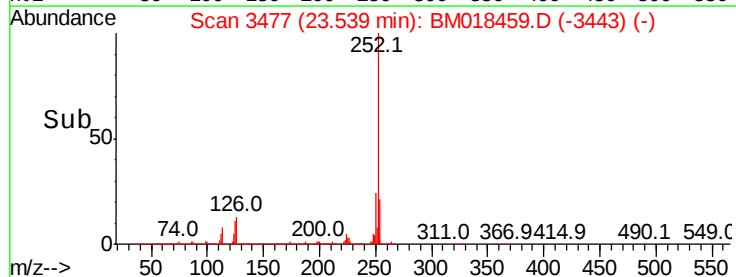
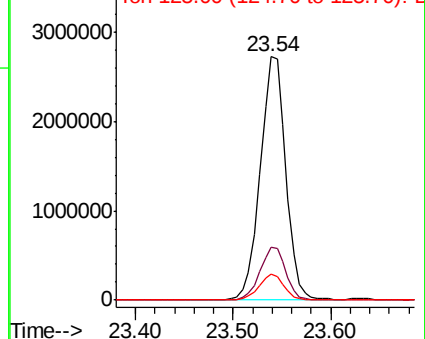
252 100

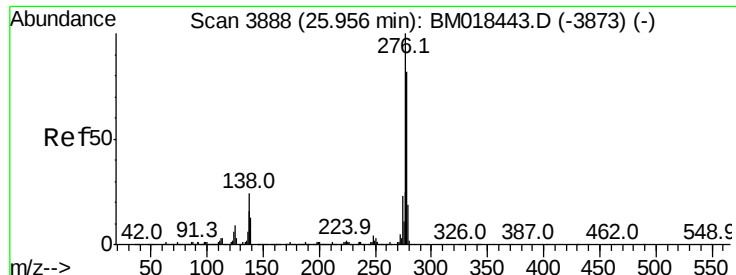
253 21.5 17.4 26.0

125 10.6 8.1 12.1



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: 15.921 ng/ul
 RT: 25.95 min Scan# 3887
 Delta R.T. -0.01 min
 Lab File: BM018459.D
 Acq: 08 Jan 2019 11:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	19.3	28.9#
277	22.9	19.8	29.6

