

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
 Data File : BM011698.D
 Acq On : 22 Sep 2017 18:35
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 23:55:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 23:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	366242	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1633342	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	860068	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1683326	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1177292	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1158703	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	60814	7.47	ng/uL	0.00
5) Phenol-d5	7.11	99	692353	19.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	498245	21.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	550159	20.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	537549	19.58	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	266315	21.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	283681	22.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	528449	20.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	674028	23.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1425236	19.60	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1828629	20.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	234523	17.16	ng/ul	0.00
58) Fluorene-d10	15.58	176	1210541	19.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	183091	18.69	ng/ul	0.00
71) Anthracene-d10	17.43	188	1694724	20.44	ng/ul	0.00
79) Pyrene-d10	19.72	212	1495370	27.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	1117527	20.24	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.42	88	67355	7.548	ng/uL# 59
4) Benzaldehyde	7.10	77	426488	21.224	ng/ul 95
6) Phenol	7.14	94	709129	20.314	ng/ul# 90
8) Bis(2-Chloroethyl)ether	7.37	93	552010	20.086	ng/ul# 83
10) 2-Chlorophenol	7.52	128	523300	20.240	ng/ul# 89
11) 2-Methylphenol	8.39	108	514125	19.424	ng/ul 95
12) 2,2'-oxybis(1-Chloropropan	8.49	45	1088784	24.442	ng/ul# 91
14) Acetophenone	8.79	105	849685	20.248	ng/ul# 89
15) N-Nitroso-di-n-propylamine	8.77	70	486848	21.620	ng/ul# 70
16) 4-Methylphenol	8.72	108	563293	19.450	ng/ul 95
17) Hexachloroethane	9.04	117	221022	22.362	ng/ul# 78
20) Nitrobenzene	9.17	77	688033	23.599	ng/ul 97
21) Isophorone	9.69	82	1260503	21.473	ng/ul 97
23) 2-Nitrophenol	9.88	139	290757	21.469	ng/ul# 87
24) 2,4-Dimethylphenol	9.93	107	626310	21.614	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.17	93	743584	19.427	ng/ul 97
27) 2,4-Dichlorophenol	10.41	162	504235	20.156	ng/ul 98
28) Naphthalene	10.82	128	1690822	19.963	ng/ul 98
30) 4-Chloroaniline	10.92	127	641535	23.580	ng/ul 96
31) Hexachlorobutadiene	11.09	225	325188	22.903	ng/ul 96
33) 4-Chloro-3-methylphenol	12.03	107	538656	20.309	ng/ul 98
34) 2-Methylnaphthalene	12.42	142	1184195	18.827	ng/ul 98
35) 1-Methylnaphthalene	12.64	142	1129012	18.846	ng/ul 98

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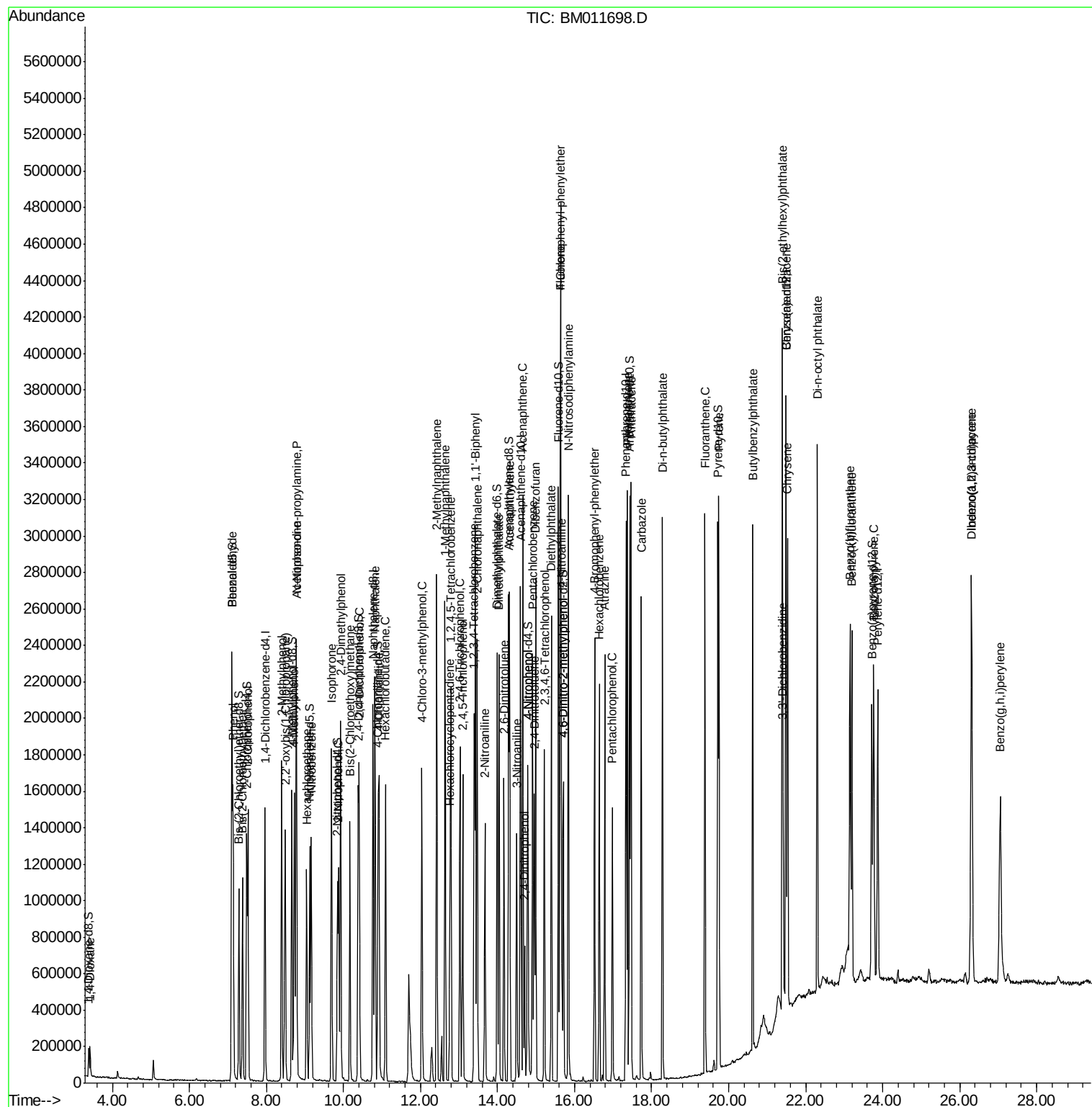
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	600528	23.538	ng/ul#	96
38) Hexachlorocyclopentadiene	12.76	237	274334	19.184	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.03	196	392918	22.620	ng/ul	99
40) 2,4,5-Trichlorophenol	13.10	196	391104	22.206	ng/ul	98
41) 1,1'-Biphenyl	13.43	154	1462152	20.430	ng/ul#	94
42) 2-Chloronaphthalene	13.47	162	1133693	21.052	ng/ul	98
43) 2-Nitroaniline	13.67	65	413149	24.701	ng/ul#	78
45) Dimethylphthalate	14.04	163	1355541	19.472	ng/ul#	99
46) 2,6-Dinitrotoluene	14.17	165	265133	21.565	ng/ul#	88
48) Acenaphthylene	14.32	152	1800052	20.338	ng/ul	99
49) 3-Nitroaniline	14.50	138	287389	18.957	ng/ul	96
50) Acenaphthene	14.66	153	1195158	19.985	ng/ul	99
51) 2,4-Dinitrophenol	14.70	184	121068	15.938	ng/ul#	57
53) 4-Nitrophenol	14.79	109	200014	22.775	ng/ul#	76
54) Dibenzofuran	14.99	168	1659418	19.838	ng/ul	99
55) 2,4-Dinitrotoluene	14.95	165	355493	19.669	ng/ul#	58
56) 2,3,4,6-Tetrachlorophenol	15.22	232	339893	21.175	ng/ul#	83
57) Diethylphthalate	15.40	149	1364017	18.828	ng/ul	96
59) Fluorene	15.64	166	1343790	19.168	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.63	204	663821	20.209	ng/ul	92
61) 4-Nitroaniline	15.66	138	288780	17.783	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.72	198	188608	18.792	ng/ul#	87
65) N-Nitrosodiphenylamine	15.84	169	1082603	21.114	ng/ul	98
66) 4-Bromophenyl-phenylether	16.52	248	391368	22.763	ng/ul	96
67) Hexachlorobenzene	16.64	284	422375	22.317	ng/ul#	89
68) Atrazine	16.79	200	375448	21.133	ng/ul	95
69) Pentachlorophenol	16.98	266	236852	19.490	ng/ul	97
70) Phenanthrene	17.37	178	1875625	19.990	ng/ul	99
72) Anthracene	17.47	178	1934799	20.096	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	583373	26.007	ng/uL	98
74) Pentachlorobenzene	14.91	250	561107	24.664	ng/uL	98
75) Carbazole	17.73	167	1608708	19.585	ng/ul	98
76) Di-n-butylphthalate	18.28	149	2133644	19.777	ng/ul	99
77) Fluoranthene	19.39	202	1822790	18.888	ng/ul#	93
80) Pvrene	19.74	202	1846832	26.887	ng/ul#	89
81) Butylbenzylphthalate	20.63	149	770155	24.381	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.42	252	378424	17.700	ng/ul#	94
83) Benzo(a)anthracene	21.49	228	1418040	21.876	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.39	149	1107271	22.825	ng/ul#	95
85) Chrysene	21.54	228	1270880	21.626	ng/ul	99
87) Di-n-octyl phthalate	22.30	149	1639925	19.942	ng/ul	100
88) Benzo(b)fluoranthene	23.15	252	1361037	19.525	ng/ul#	98
89) Benzo(k)fluoranthene	23.20	252	1277625	19.084	ng/ul#	98
91) Benzo(a)pyrene	23.77	252	1316686	20.012	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	26.30	276	1608348	22.222	ng/ul#	88
93) Dibenzo(a,h)anthracene	26.31	278	1368083	22.292	ng/ul#	96
94) Benzo(g,h,i)perylene	27.05	276	1352716	23.078	ng/ul#	94

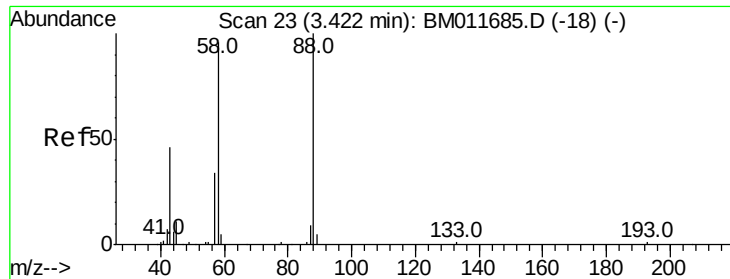
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 7.548 ng/uL

RT: 3.42 min Scan# 23

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

Instrument :

BNA_M

ClientSampleId :

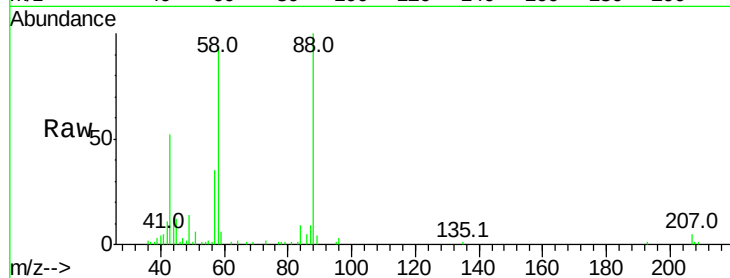
Tot Ion: 88 Resp: 67355

Ion Ratio Lower Upper

88 100

43 52.2 29.0 43.4#

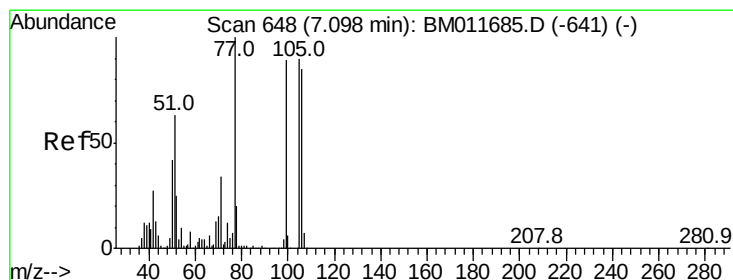
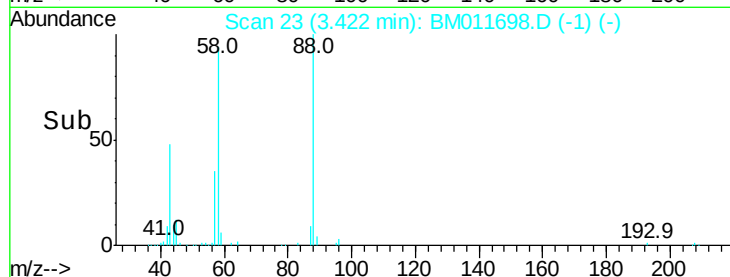
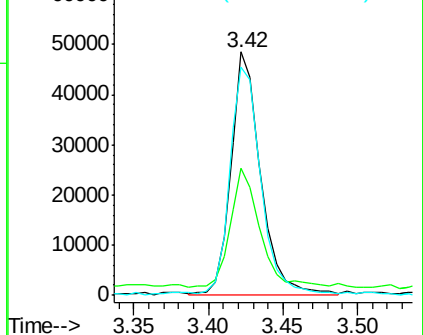
58 93.8 45.9 68.9#



Abundance Ion 88.00 (87.70 to 88.70): BM011698.D (-18) (-)

Ion 43.00 (42.70 to 43.70): BM011698.D (-18) (-)

Ion 58.00 (57.70 to 58.70): BM011698.D (-18) (-)



#4

Benzaldehyde

Concen: 21.224 ng/uL

RT: 7.10 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

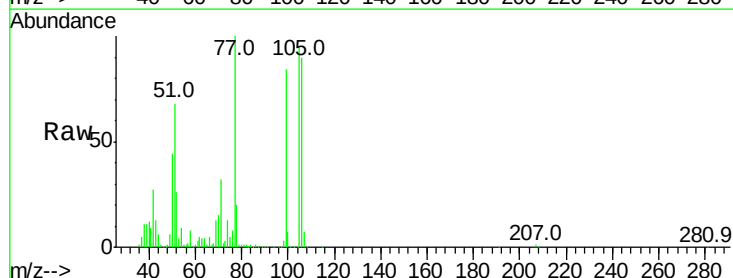
Tgt Ion: 77 Resp: 426488

Ion Ratio Lower Upper

77 100

105 95.3 71.0 106.6

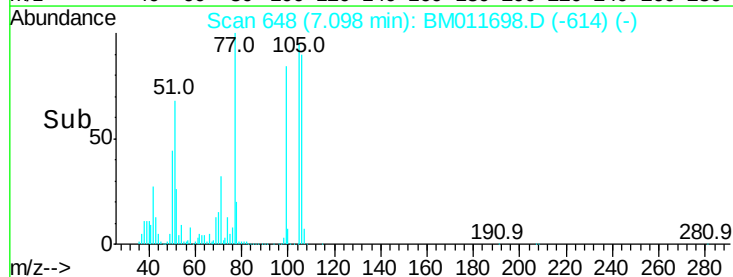
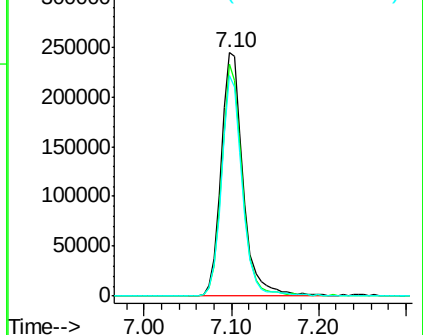
106 90.4 69.5 104.3

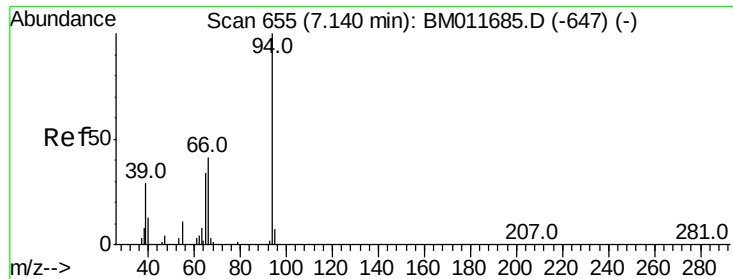


Abundance Ion 77.00 (76.70 to 77.70): BM011698.D (-614) (-)

Ion 105.00 (104.70 to 105.70): BM011698.D (-614) (-)

Ion 106.00 (105.70 to 106.70): BM011698.D (-614) (-)





#6

Phenol

Concen: 20.314 ng/ul

RT: 7.14 min Scan# 655

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

Instrument :

BNA_M

ClientSampled :

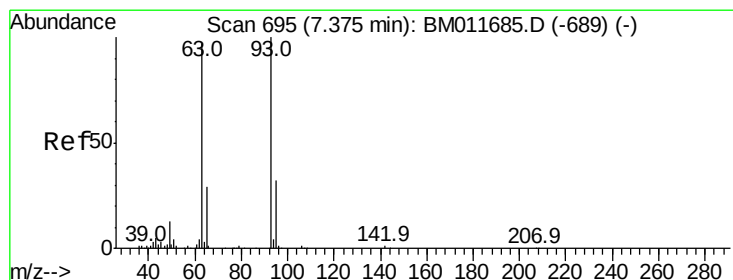
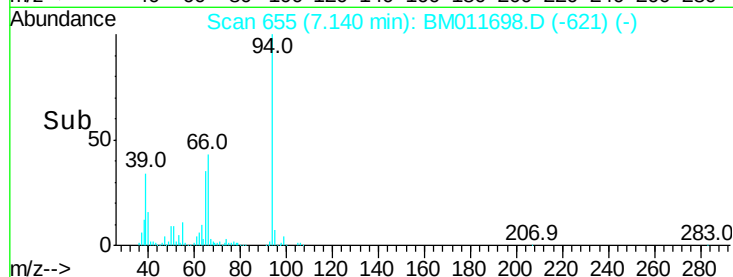
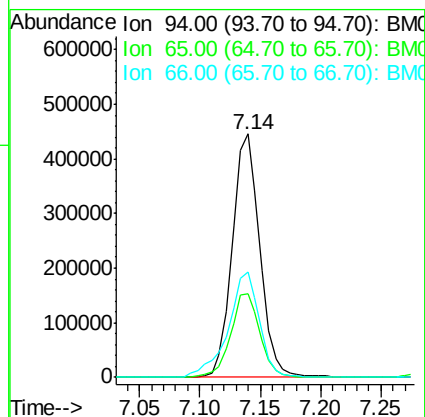
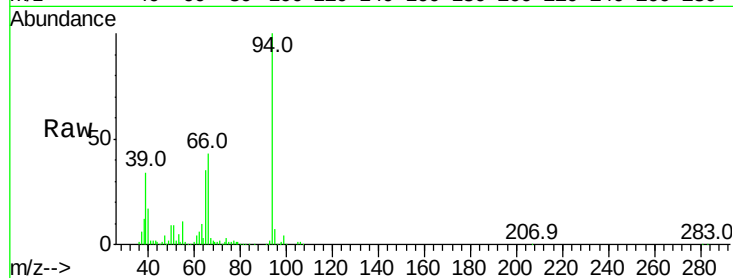
Tot Ion: 94 Resp: 709129

Ion Ratio Lower Upper

94 100

65 34.6 23.0 34.6#

66 43.2 30.4 45.6



#8

Bis(2-Chloroethyl)ether

Concen: 20.086 ng/ul

RT: 7.37 min Scan# 695

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

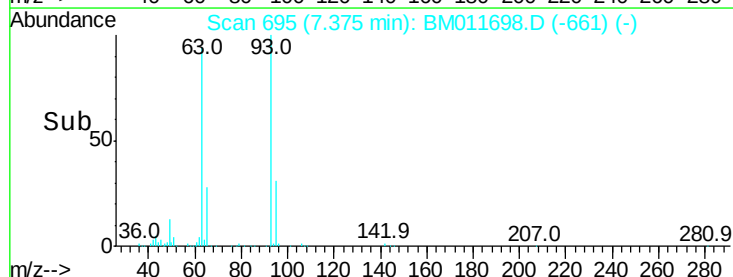
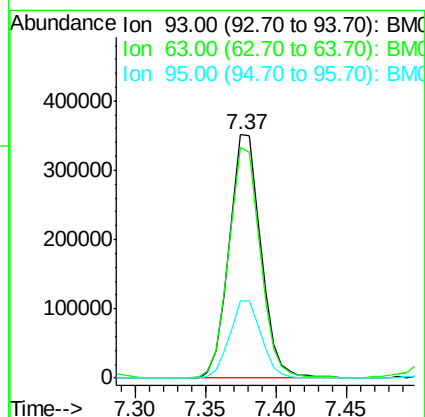
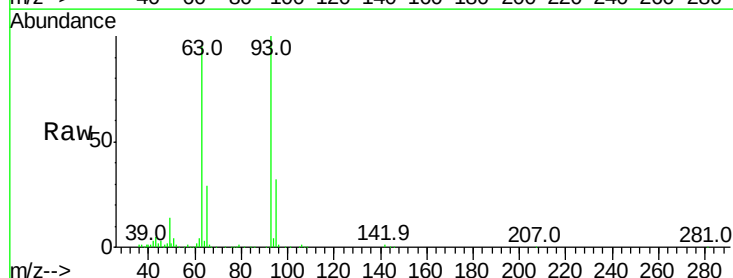
Tgt Ion: 93 Resp: 552010

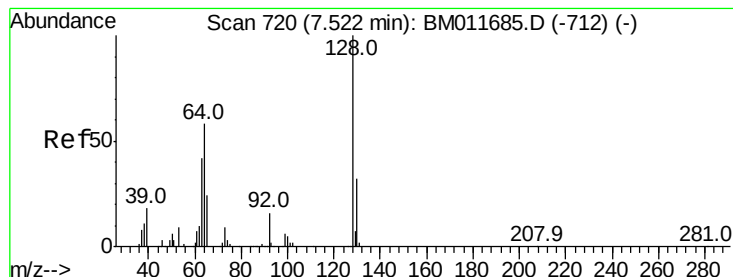
Ion Ratio Lower Upper

93 100

63 94.6 59.4 89.2#

95 31.6 26.4 39.6





#10

2-Chlorophenol

Concen: 20.240 ng/ul

RT: 7.52 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

Instrument :

BNA_M

ClientSampleId :

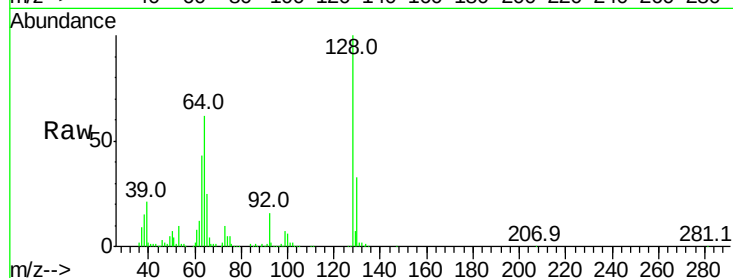
Tot Ion:128 Resp: 523300

Ion Ratio Lower Upper

128 100

64 62.4 39.8 59.6#

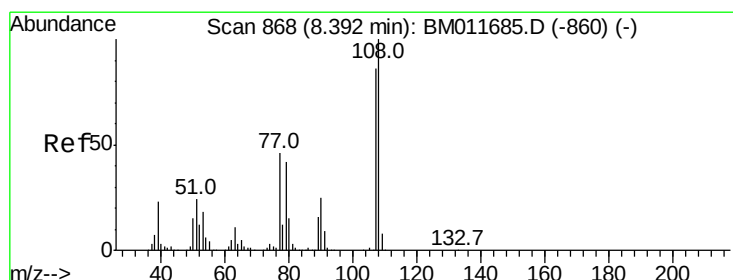
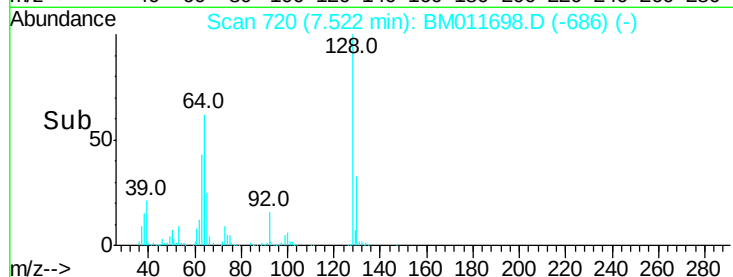
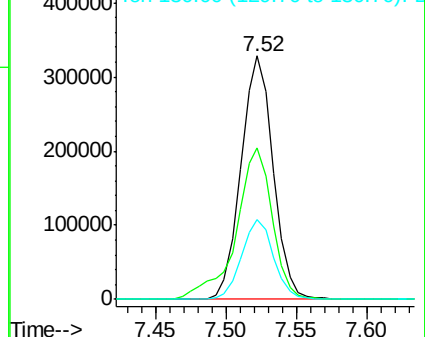
130 32.7 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.424 ng/ul

RT: 8.39 min Scan# 868

Delta R.T. 0.00 min

Lab File: BM011698.D

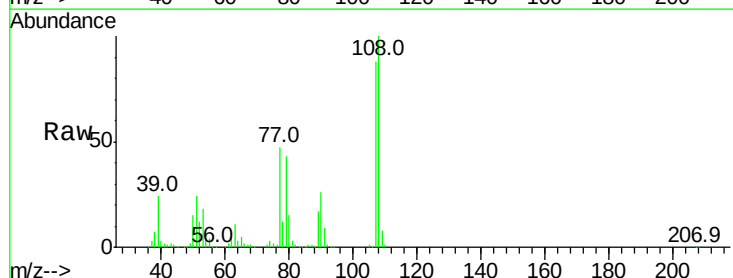
Acq: 22 Sep 2017 18:35

Tgt Ion:108 Resp: 514125

Ion Ratio Lower Upper

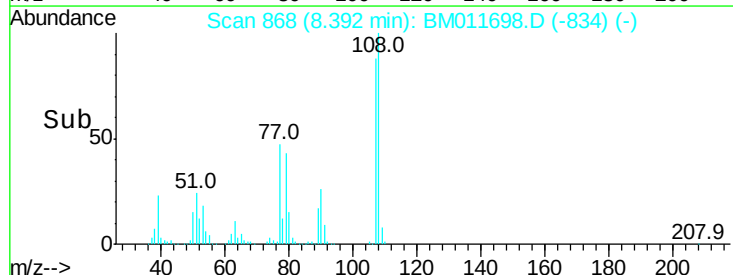
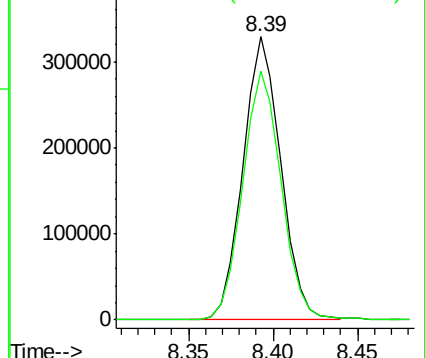
108 100

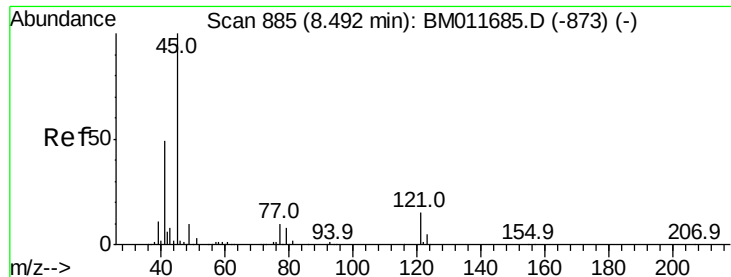
107 88.0 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

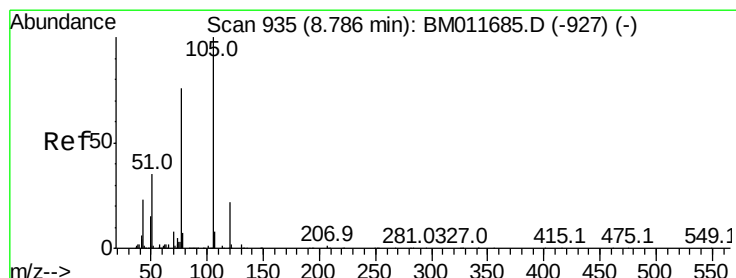
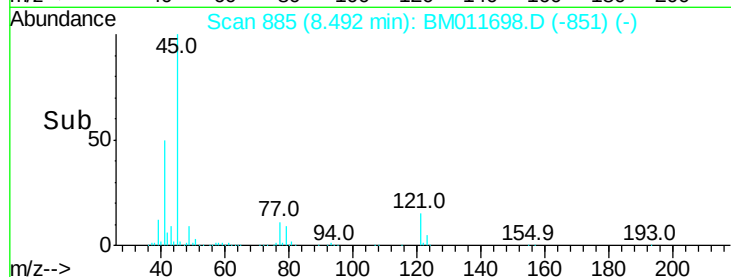
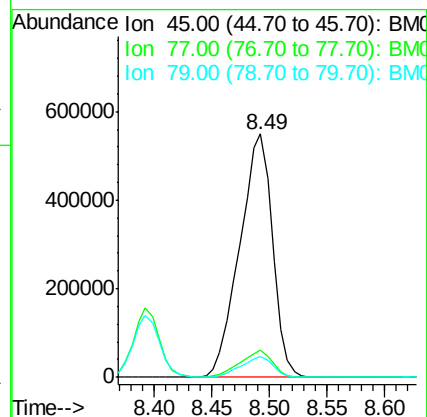
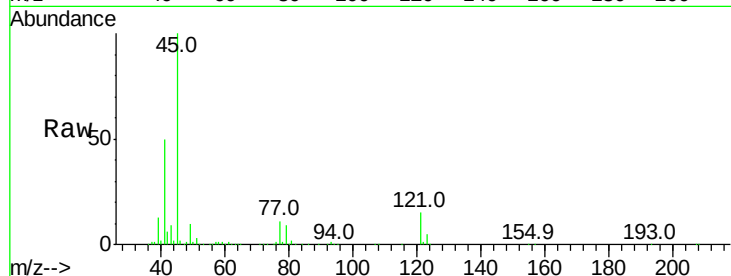




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 24.442 ng/ul
RT: 8.49 min Scan# 885
Delta R.T. 0.00 min
Lab File: BM011698.D
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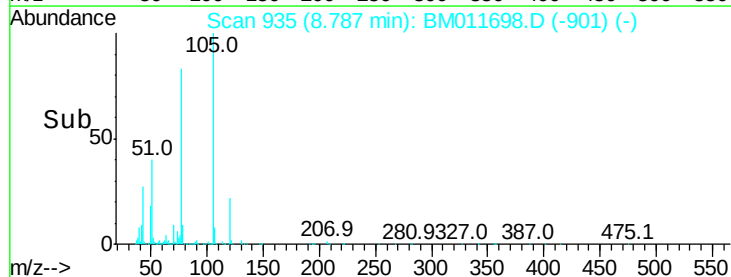
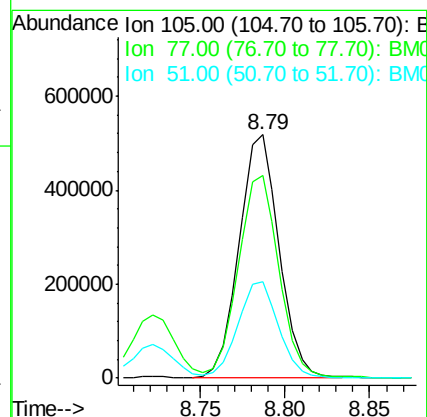
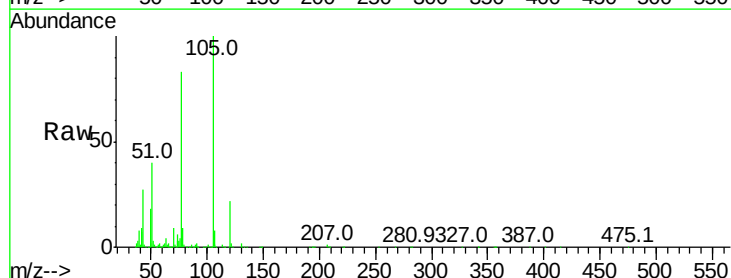
Instrument :
BNA_M
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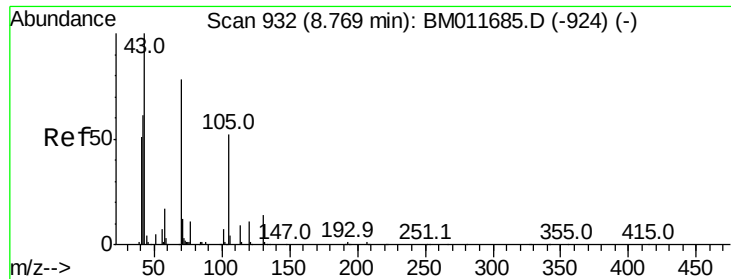
Tot Ion: 45 Resp: 1088784
Ion Ratio Lower Upper
45 100
77 11.2 12.5 18.7#
79 8.7 9.4 14.2#



#14
Acetophenone
Concen: 20.248 ng/ul
RT: 8.79 min Scan# 935
Delta R.T. 0.00 min
Lab File: BM011698.D
Acq: 22 Sep 2017 18:35

Tgt Ion: 105 Resp: 849685
Ion Ratio Lower Upper
105 100
77 83.2 63.2 94.8
51 39.8 19.8 29.8#





#15

N-Nitroso-di-n-propylamine

Concen: 21.620 ng/ul

RT: 8.77 min Scan# 932

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 486848

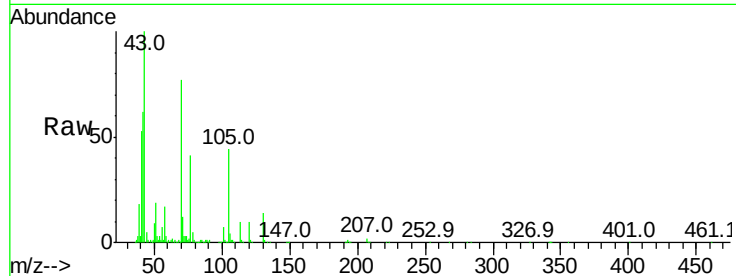
Ion Ratio Lower Upper

70 100

42 81.1 40.2 60.4#

101 8.5 7.7 11.5

130 18.3 17.8 26.6

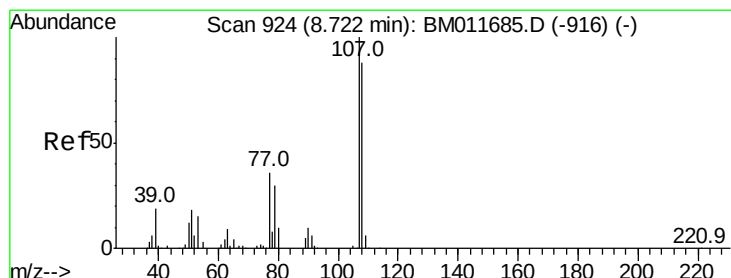
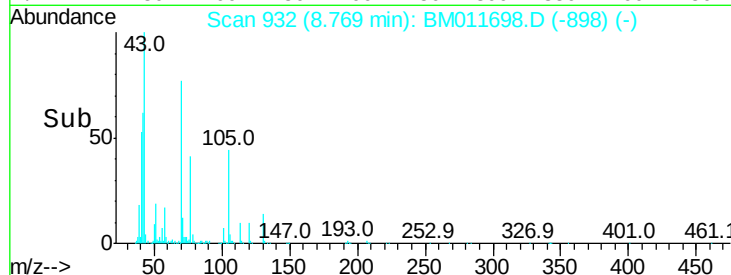
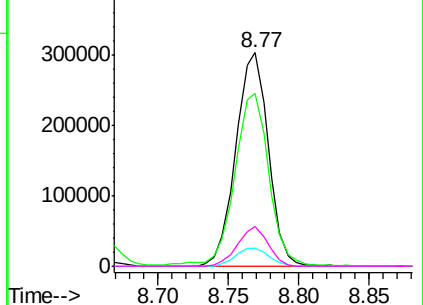


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 19.450 ng/ul

RT: 8.72 min Scan# 924

Delta R.T. 0.00 min

Lab File: BM011698.D

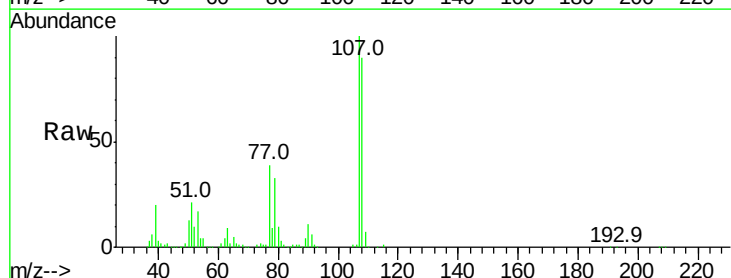
Acq: 22 Sep 2017 18:35

Tgt Ion: 108 Resp: 563293

Ion Ratio Lower Upper

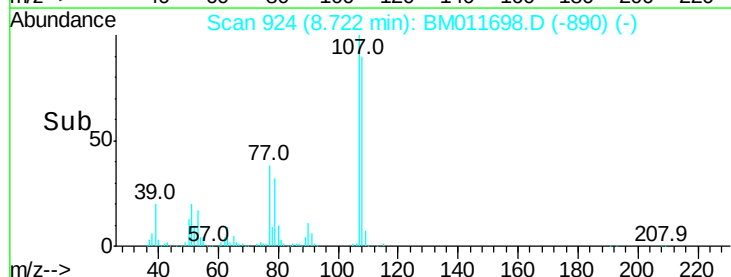
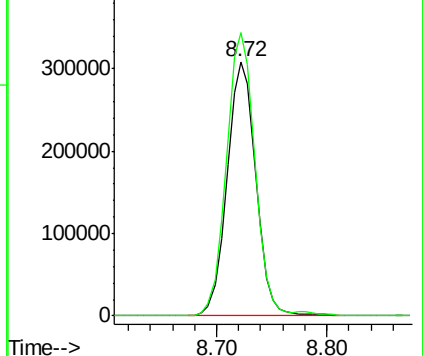
108 100

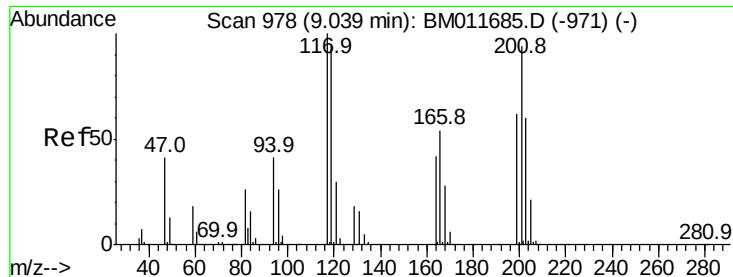
107 111.4 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

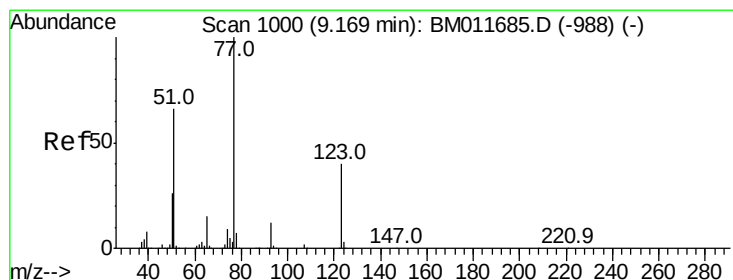
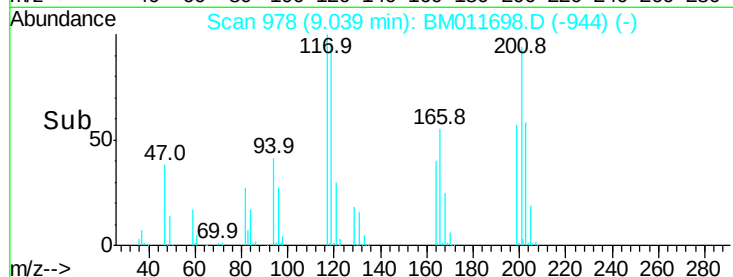
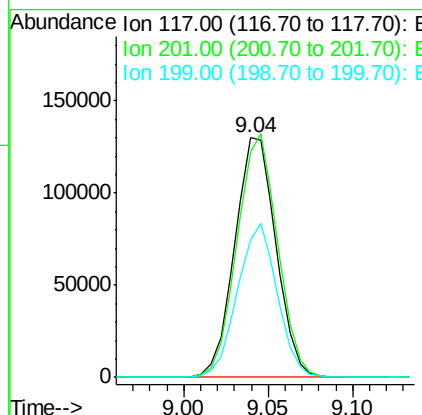
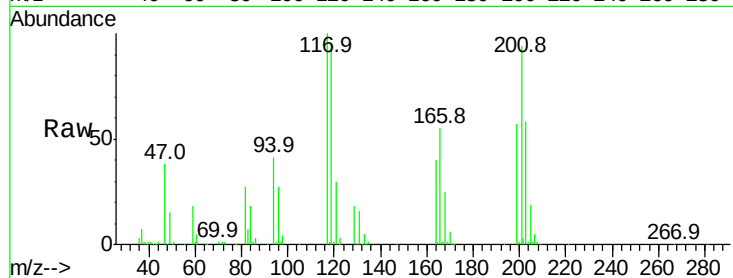




#17
Hexachloroethane
Concen: 22.362 ng/ul
RT: 9.04 min Scan# 978
Delta R.T. 0.00 min
Lab File: BM011698.D
Acq: 22 Sep 2017 18:35

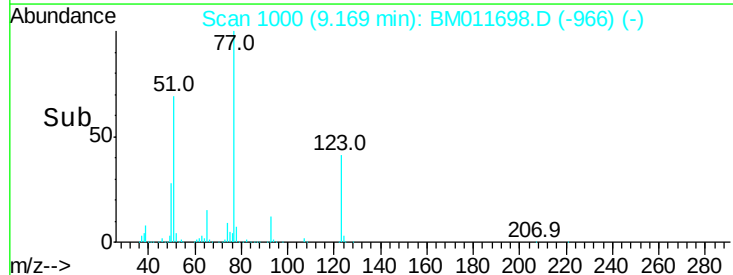
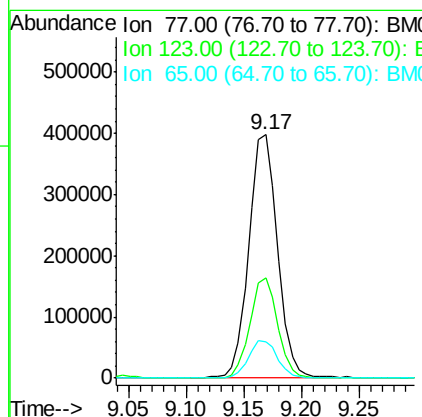
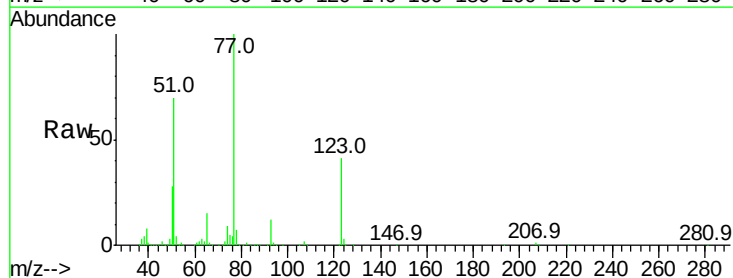
Instrument :
BNA_M
ClientSampleId :

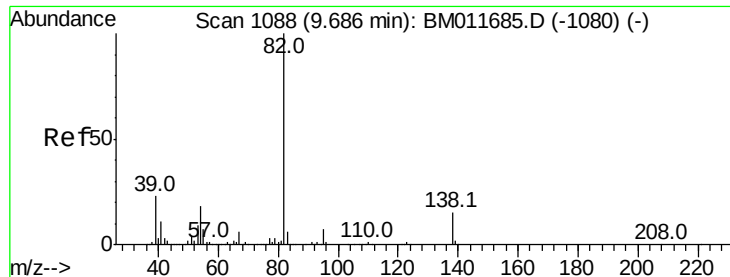
Tot Ion:117 Resp: 221022
Ion Ratio Lower Upper
117 100
201 94.1 96.1 144.1#
199 57.5 59.7 89.5#



#20
Nitrobenzene
Concen: 23.599 ng/ul
RT: 9.17 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BM011698.D
Acq: 22 Sep 2017 18:35

Tgt Ion: 77 Resp: 688033
Ion Ratio Lower Upper
77 100
123 41.1 31.8 47.8
65 14.9 10.6 16.0





#21

Isophorone

Concen: 21.473 ng/ul

RT: 9.69 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

Instrument :

BNA_M

ClientSampleId :

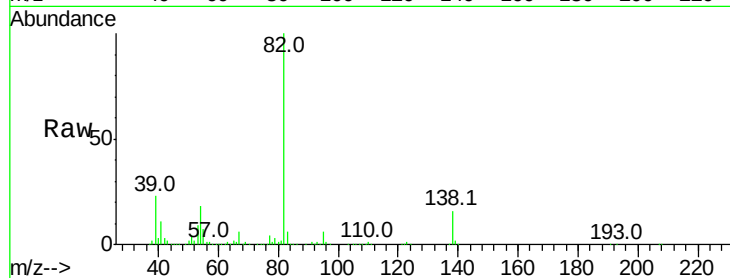
Tot Ion: 82 Resp: 1260503

Ion Ratio Lower Upper

82 100

95 6.3 6.1 9.1

138 15.8 13.5 20.3

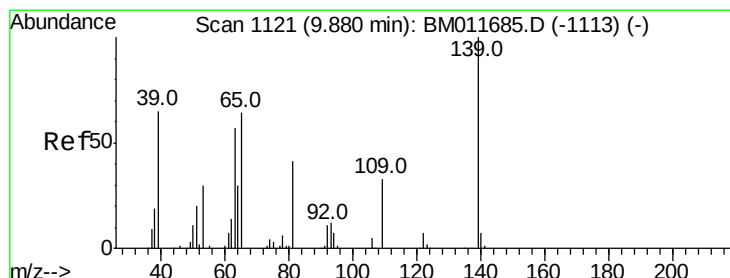
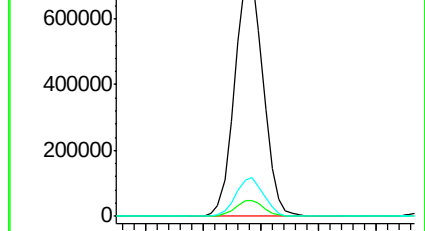
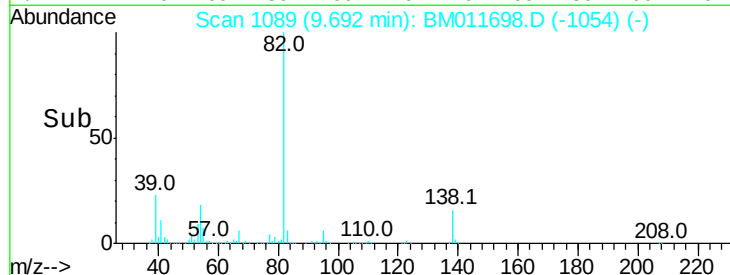


Abundance Ion 82.00 (81.70 to 82.70): BM011698.D (-1087) (-)

Ion 95.00 (94.70 to 95.70): BM011698.D (-1087) (-)

Ion 138.00 (137.70 to 138.70): BM011698.D (-1087) (-)

Time-->



#23

2-Nitrophenol

Concen: 21.469 ng/ul

RT: 9.88 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

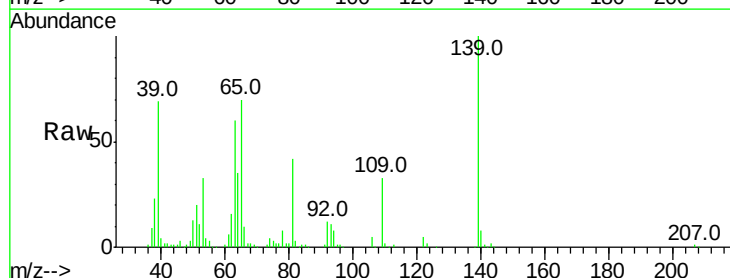
Tgt Ion: 139 Resp: 290757

Ion Ratio Lower Upper

139 100

65 69.9 45.3 67.9#

109 32.6 27.7 41.5

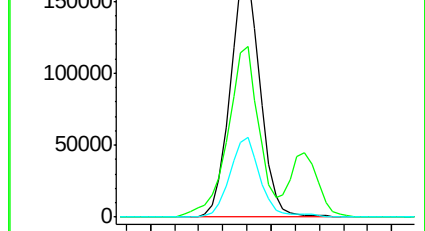
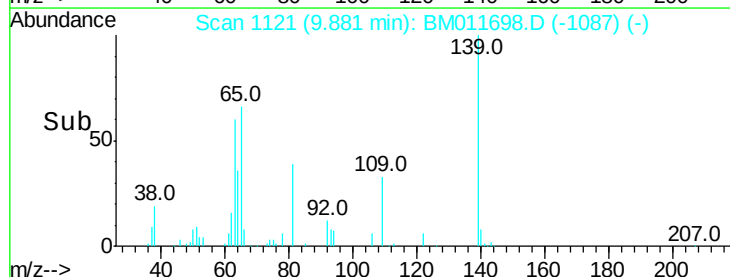


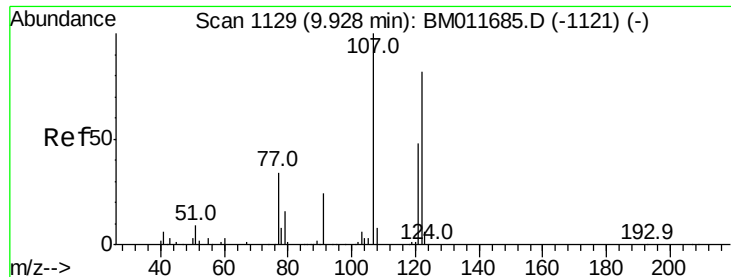
Abundance Ion 139.00 (138.70 to 139.70): BM011698.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BM011698.D (-1087) (-)

Ion 109.00 (108.70 to 109.70): BM011698.D (-1087) (-)

Time-->





#24

2,4-Dimethylphenol

Concen: 21.614 ng/ul

RT: 9.93 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

Instrument :

BNA_M

ClientSampleId :

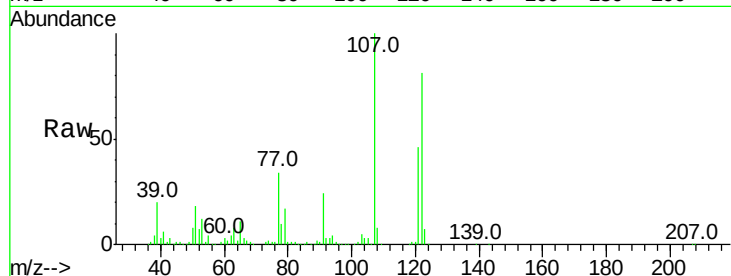
Tot Ion:107 Resp: 626310

Ion Ratio Lower Upper

107 100

121 45.7 38.1 57.1

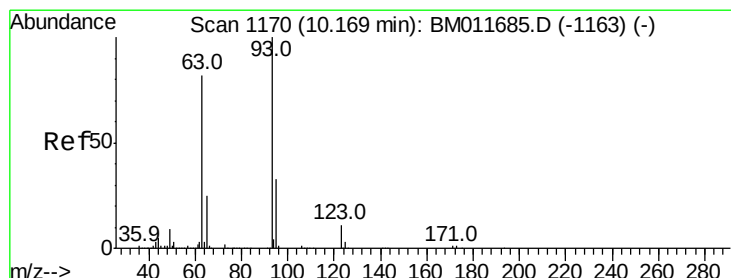
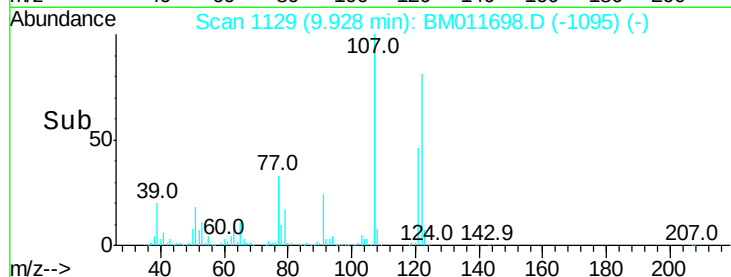
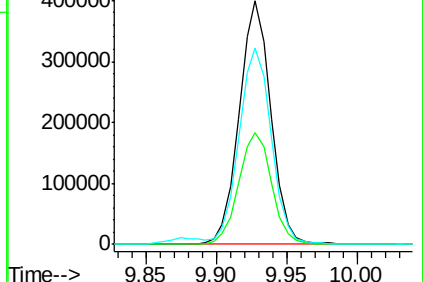
122 80.8 63.8 95.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.427 ng/ul

RT: 10.17 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

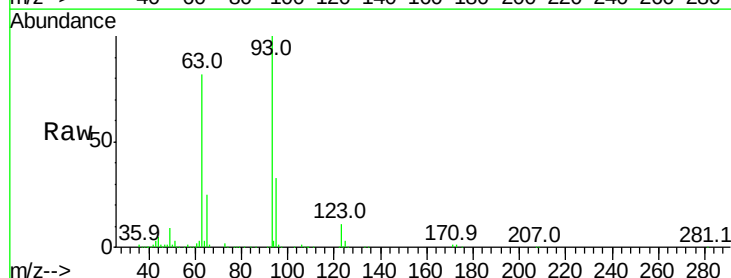
Tgt Ion: 93 Resp: 743584

Ion Ratio Lower Upper

93 100

95 32.9 24.7 37.1

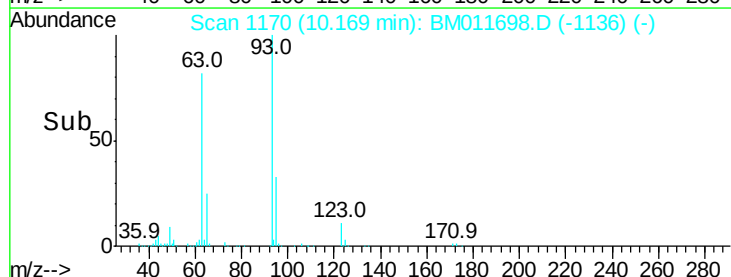
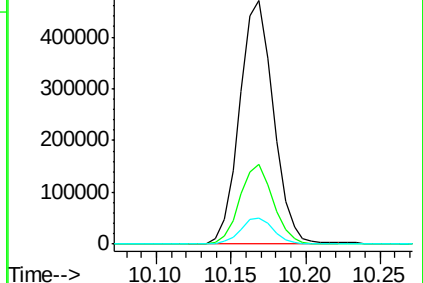
123 10.8 8.2 12.2

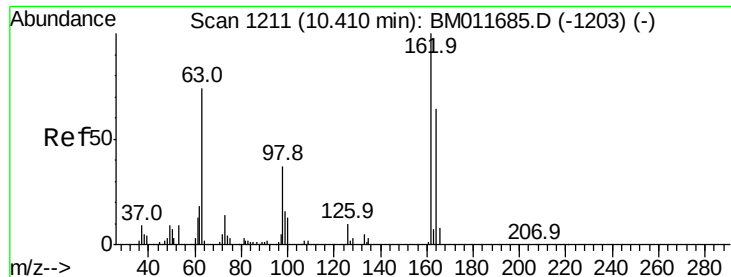


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

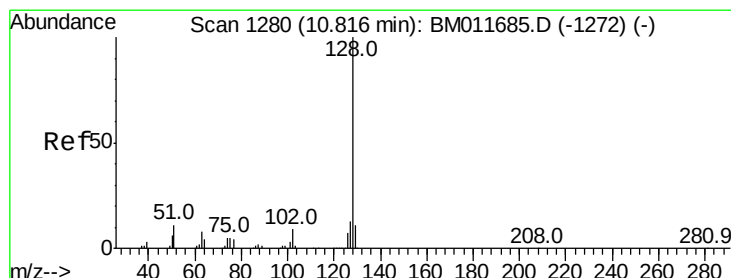
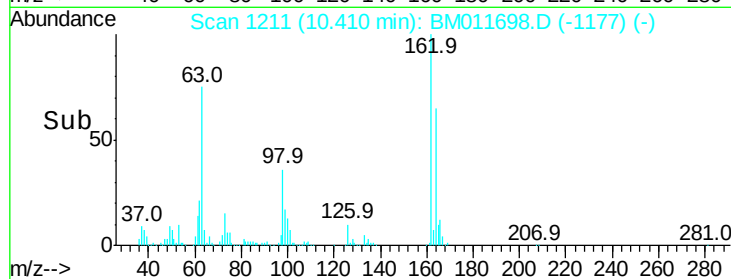
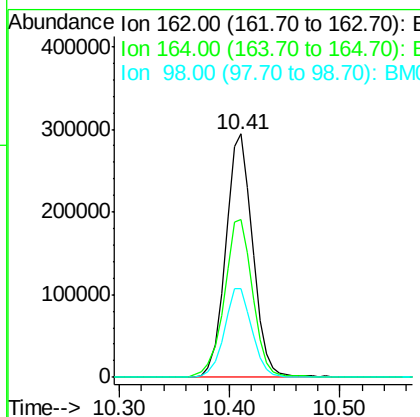
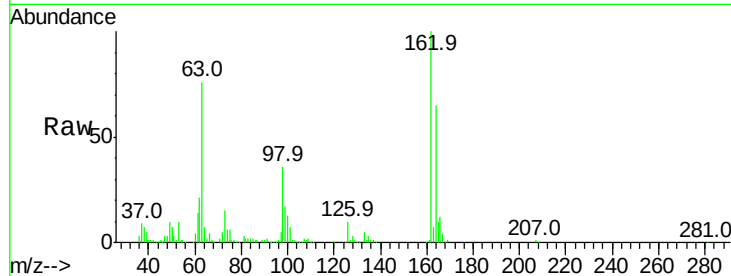




#27
 2,4-Dichlorophenol
 Concen: 20.156 ng/ul
 RT: 10.41 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

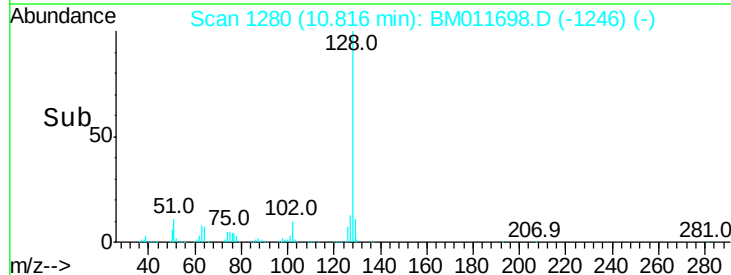
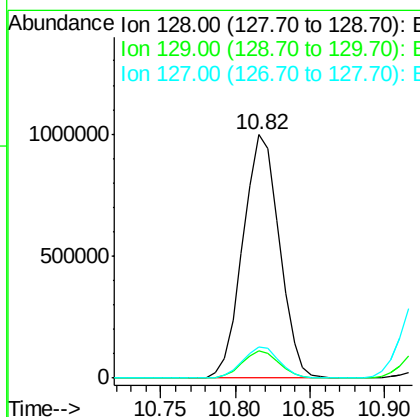
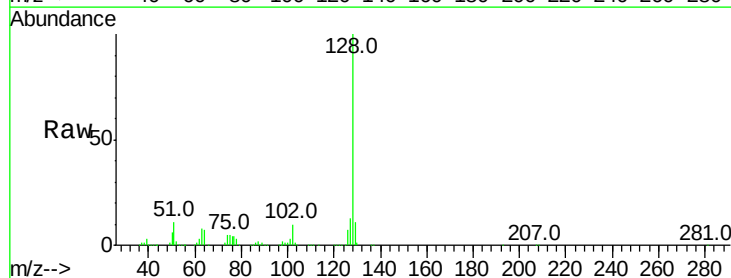
Instrument :
 BNA_M
 ClientSampleId :

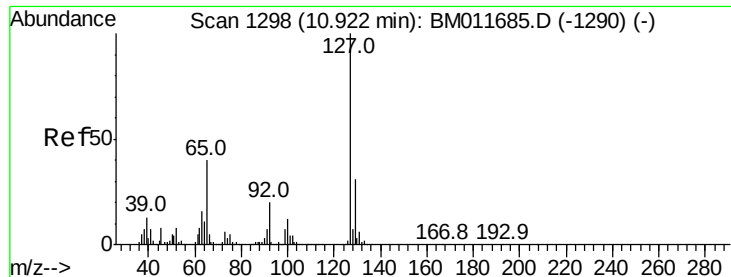
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	52.0	78.0
98	36.5	26.6	39.8



#28
 Naphthalene
 Concen: 19.963 ng/ul
 RT: 10.82 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	12.8	10.8	16.2

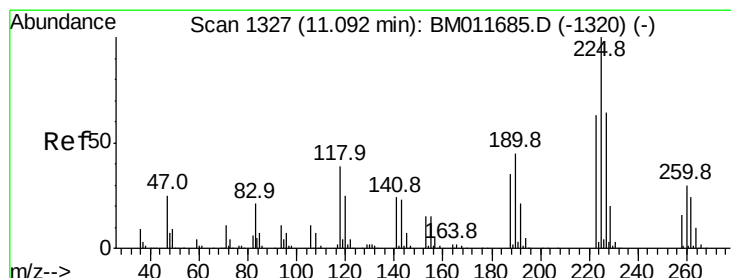
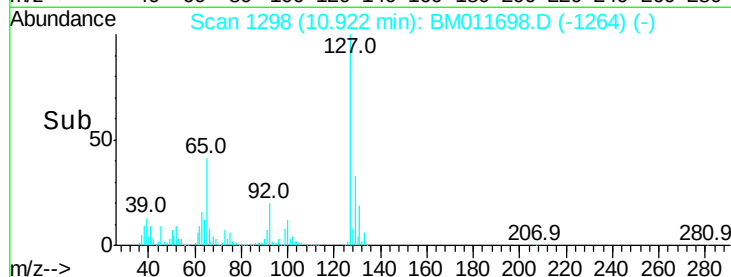
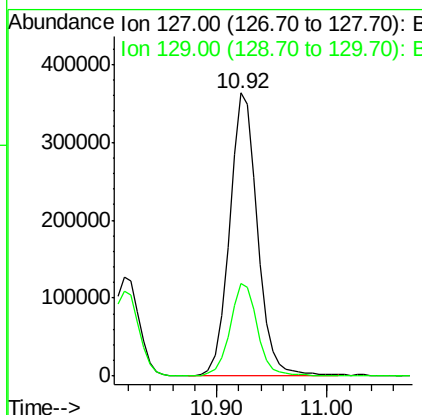
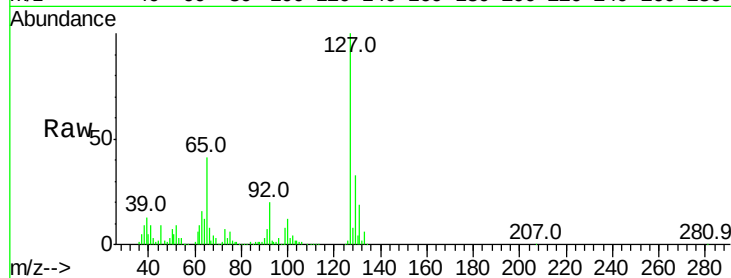




#30
4-Chloroaniline
Concen: 23.580 ng/ul
RT: 10.92 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BM011698.D
Acq: 22 Sep 2017 18:35

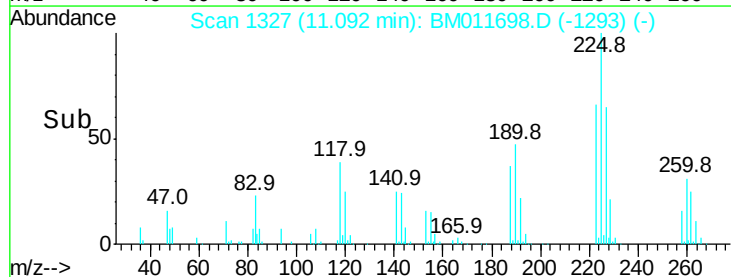
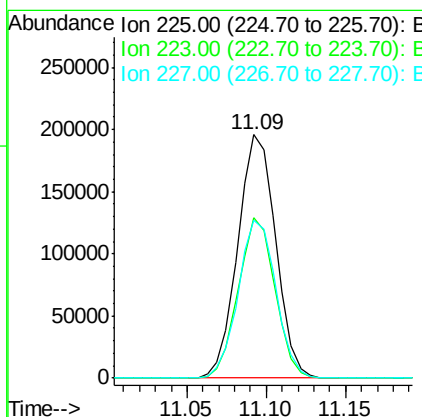
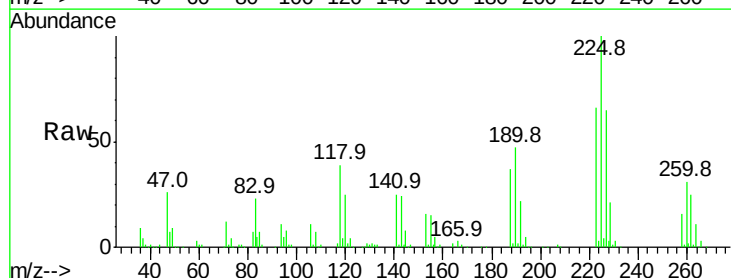
Instrument :
BNA_M
ClientSampleId :

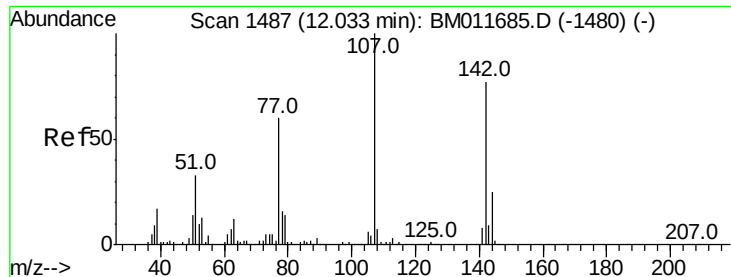
Tot Ion:127 Resp: 641535
Ion Ratio Lower Upper
127 100
129 32.9 24.6 37.0



#31
Hexachlorobutadiene
Concen: 22.903 ng/ul
RT: 11.09 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BM011698.D
Acq: 22 Sep 2017 18:35

Tgt Ion:225 Resp: 325188
Ion Ratio Lower Upper
225 100
223 65.8 48.1 72.1
227 64.7 52.1 78.1

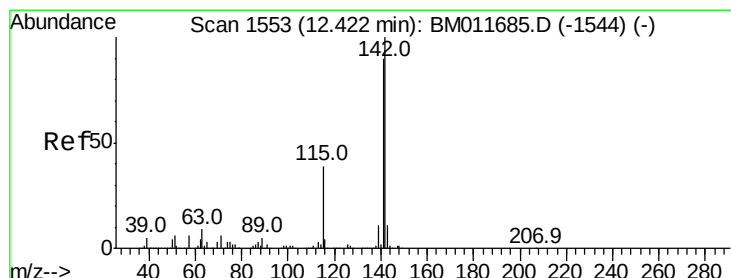
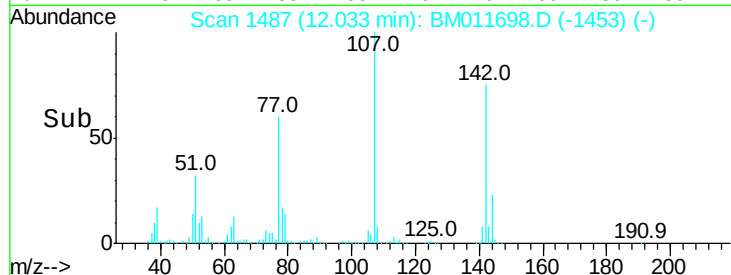
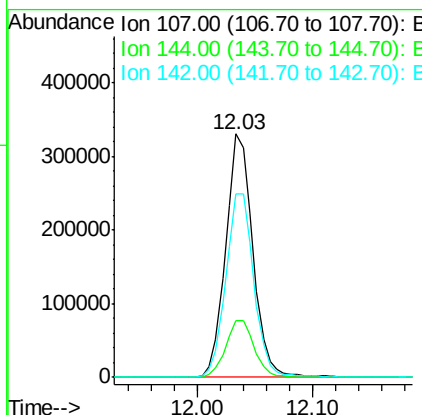
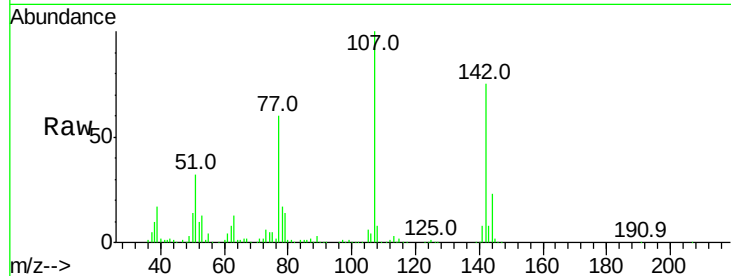




#33
 4-Chloro-3-methylphenol
 Concen: 20.309 ng/ul
 RT: 12.03 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

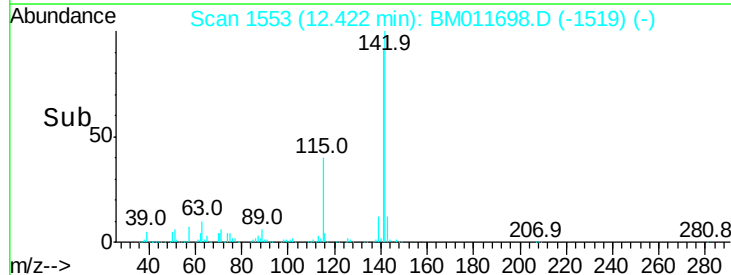
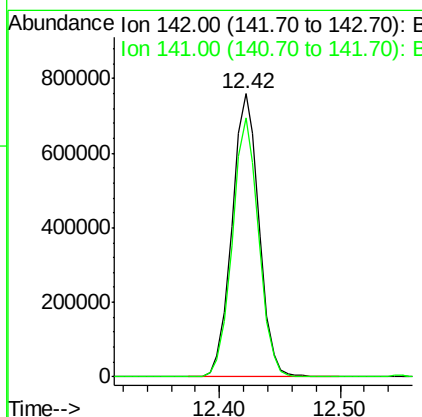
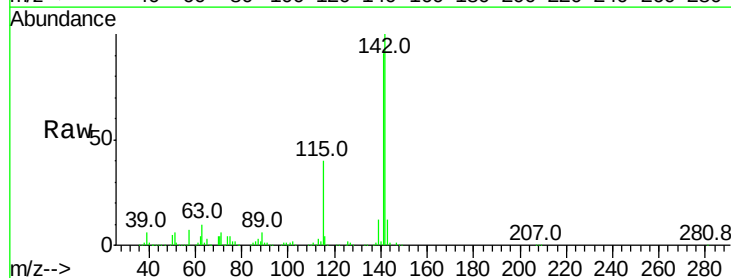
Instrument :
 BNA_M
 ClientSampled :

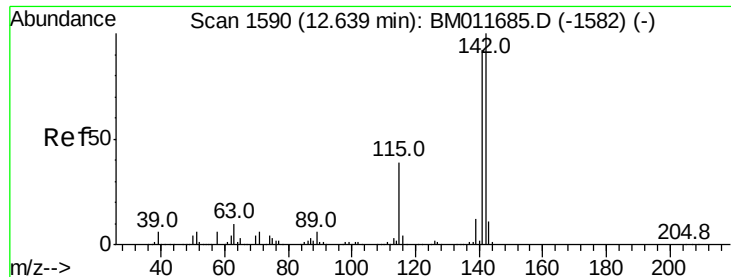
Tot Ion:107 Resp: 538656
 Ion Ratio Lower Upper
 107 100
 144 23.4 21.1 31.7
 142 75.3 60.1 90.1



#34
 2-Methylnaphthalene
 Concen: 18.827 ng/ul
 RT: 12.42 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

Tgt Ion:142 Resp: 1184195
 Ion Ratio Lower Upper
 142 100
 141 91.4 71.4 107.2

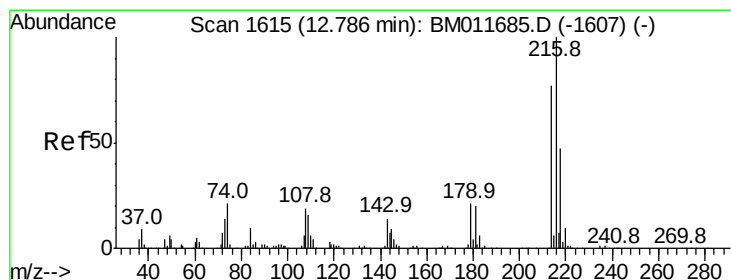
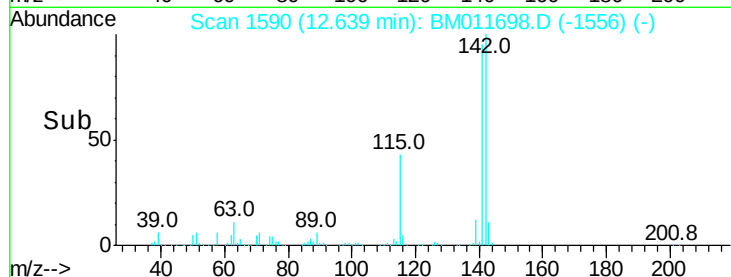
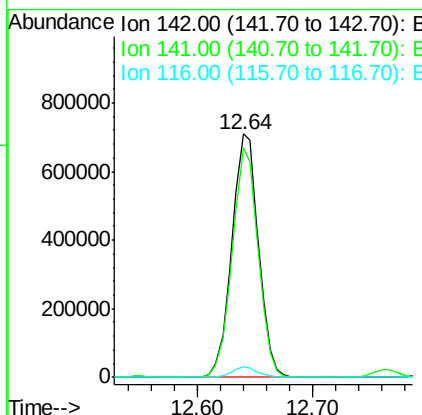
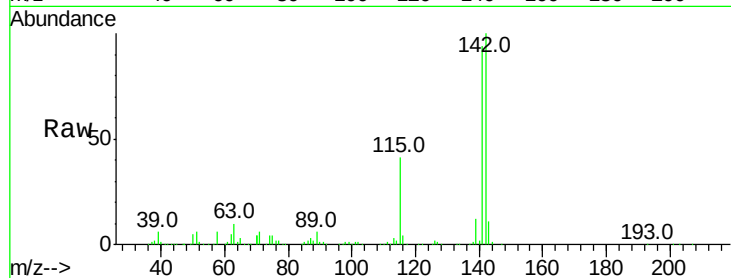




#35
 1-Methylnaphthalene
 Concen: 18.846 ng/ul
 RT: 12.64 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

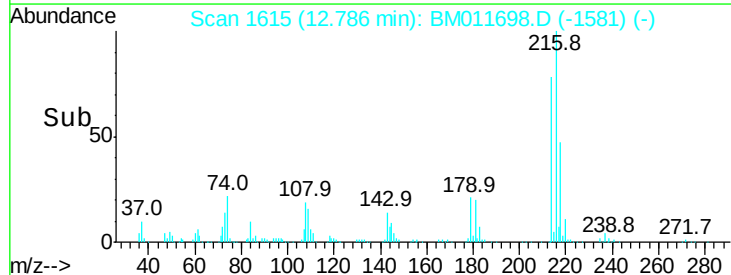
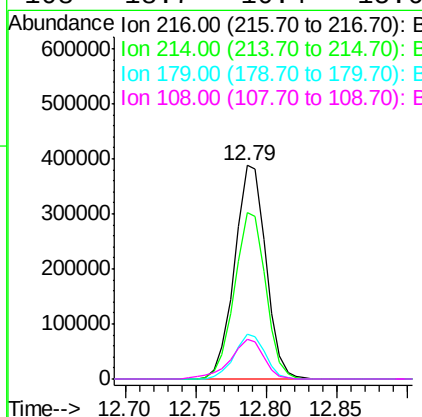
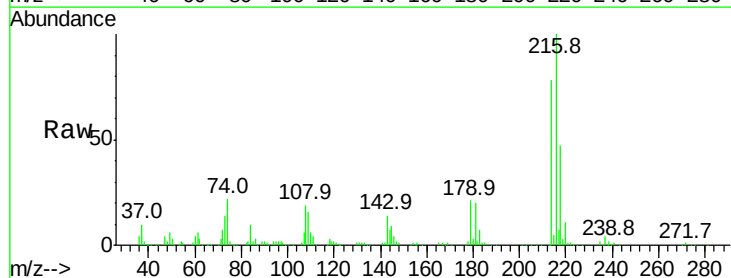
Instrument :
 BNA_M
 ClientSampleId :

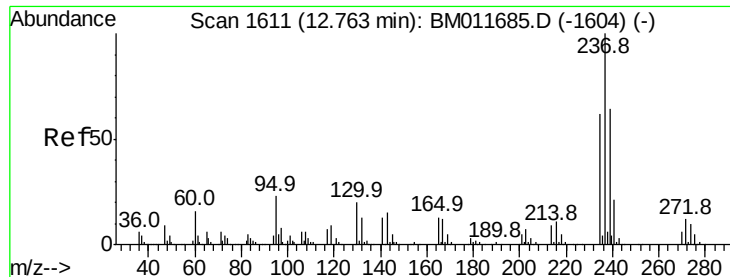
Tot Ion:142 Resp: 1129012
 Ion Ratio Lower Upper
 142 100
 141 94.2 76.6 115.0
 116 4.4 3.6 5.4



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.538 ng/ul
 RT: 12.79 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

Tgt Ion:216 Resp: 600528
 Ion Ratio Lower Upper
 216 100
 214 77.9 64.1 96.1
 179 20.8 14.5 21.7
 108 18.7 10.4 15.6#

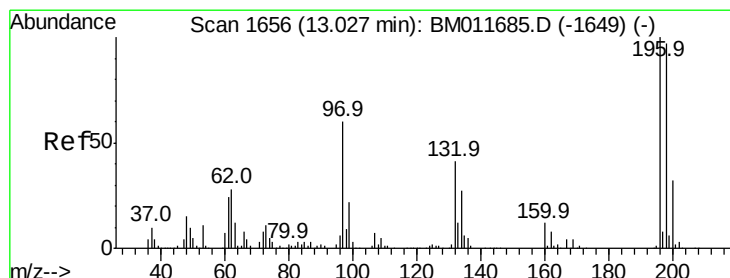
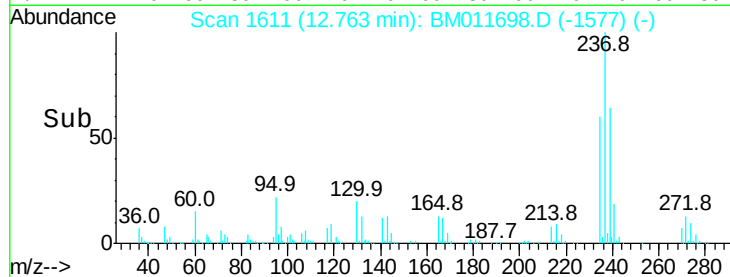
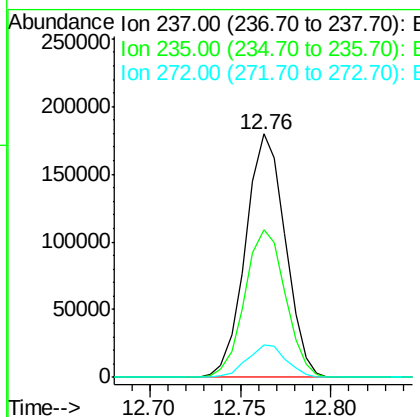
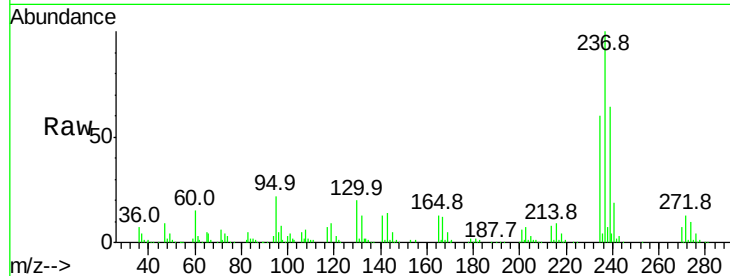




#38
Hexachlorocyclopentadiene
Concen: 19.184 ng/ul
RT: 12.76 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BM011698.D
Acq: 22 Sep 2017 18:35

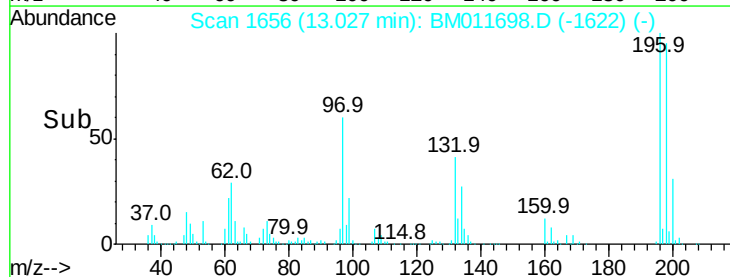
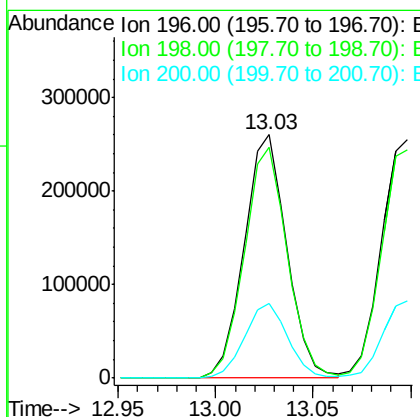
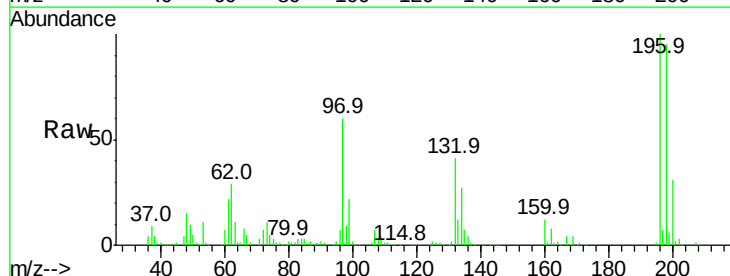
Instrument :
BNA_M
ClientSampled :

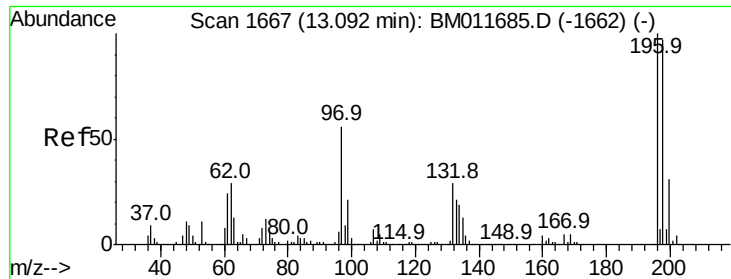
Tot Ion:237 Resp: 274334
Ion Ratio Lower Upper
237 100
235 60.4 49.5 74.3
272 13.9 8.6 12.8#



#39
2,4,6-Trichlorophenol
Concen: 22.620 ng/ul
RT: 13.03 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BM011698.D
Acq: 22 Sep 2017 18:35

Tgt Ion:196 Resp: 392918
Ion Ratio Lower Upper
196 100
198 95.1 75.9 113.9
200 30.5 25.8 38.6

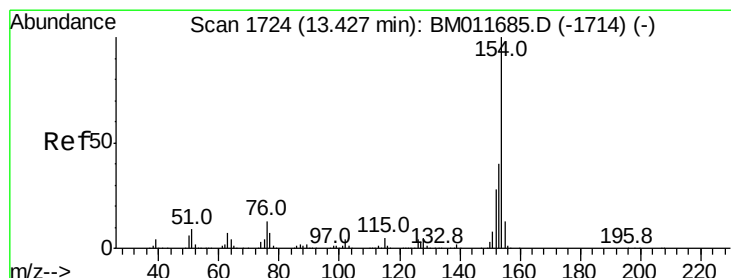
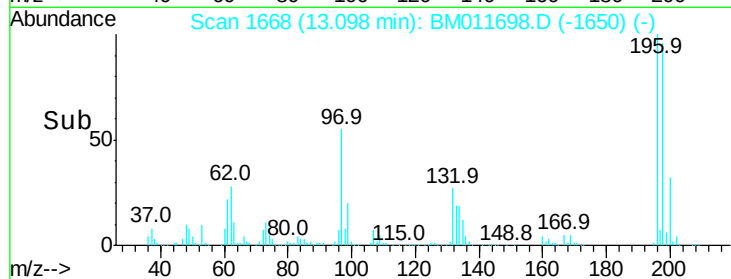
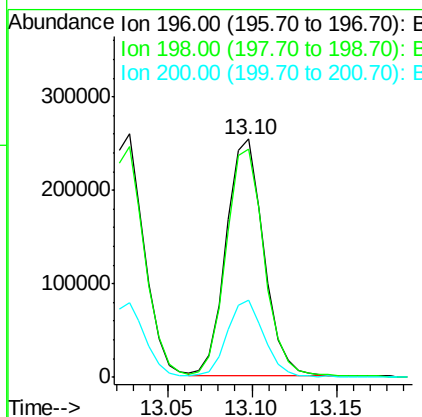
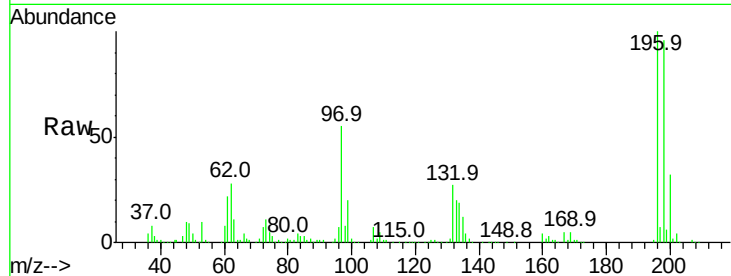




#40
 2,4,5-Trichlorophenol
 Concen: 22.206 ng/ul
 RT: 13.10 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

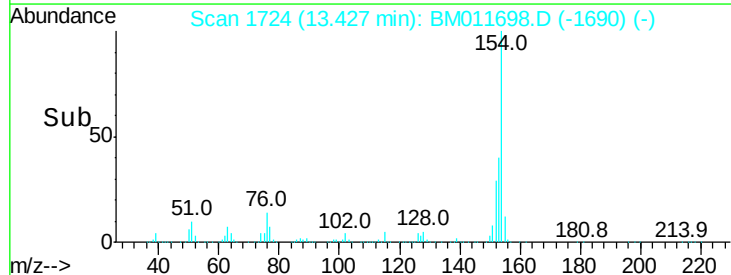
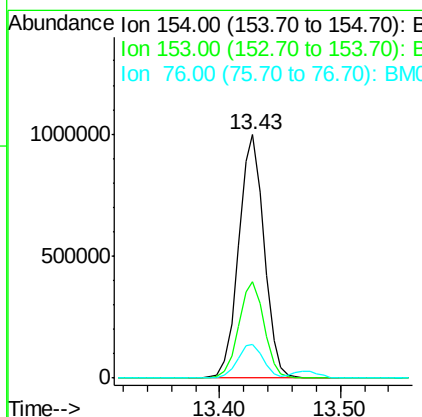
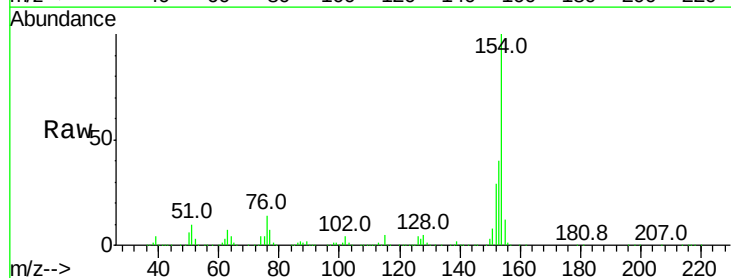
Instrument :
 BNA_M
 ClientSampleId :

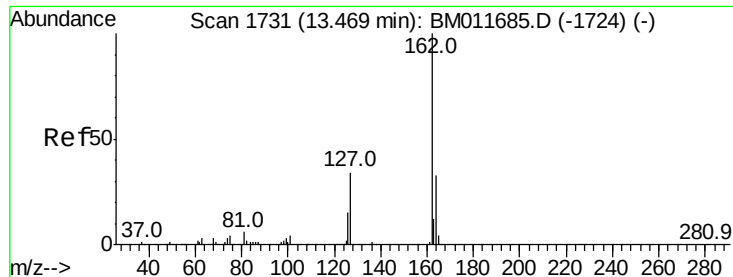
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.7	112.1
200	32.2	25.4	38.0



#41
 1,1'-Biphenyl
 Concen: 20.430 ng/ul
 RT: 13.43 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	34.0	51.0
76	13.9	8.4	12.6



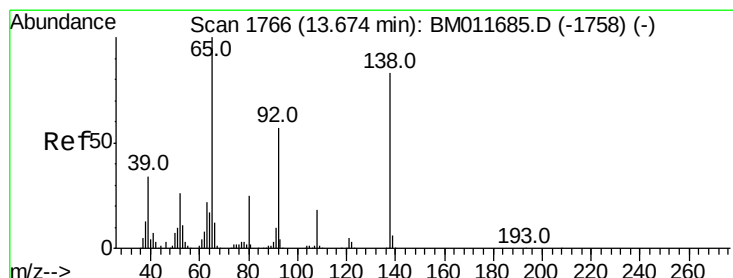
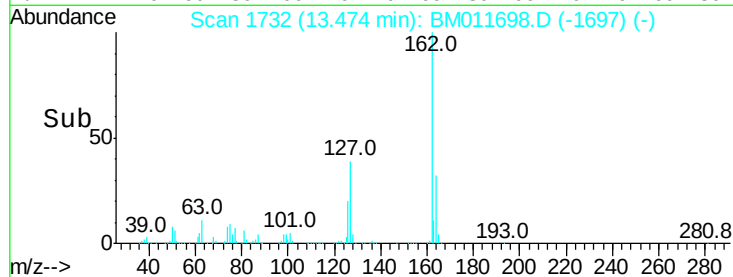
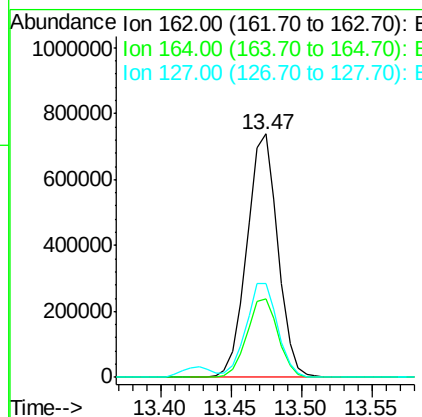
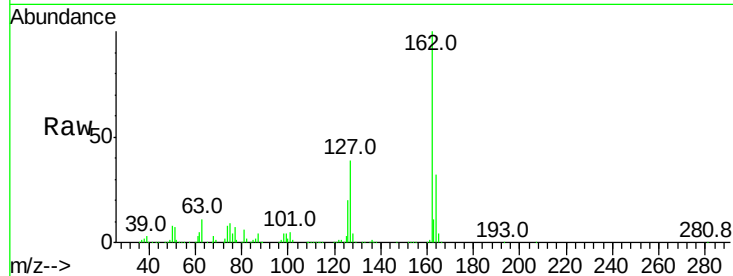


#42
 2-Chloronaphthalene
 Concen: 21.052 ng/ul
 RT: 13.47 min Scan# 1732
 Delta R.T. 0.01 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:162 Resp: 1133693

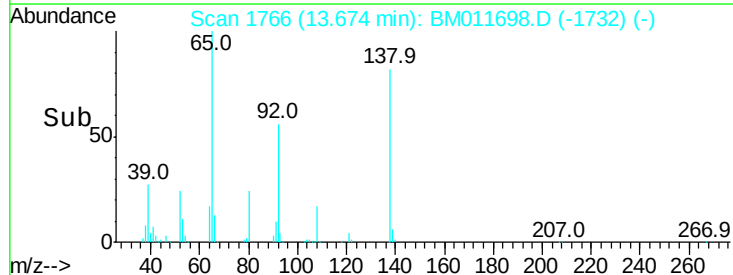
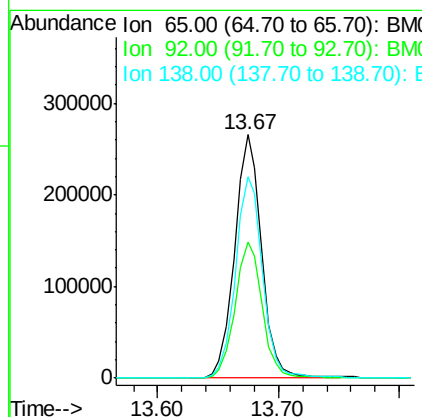
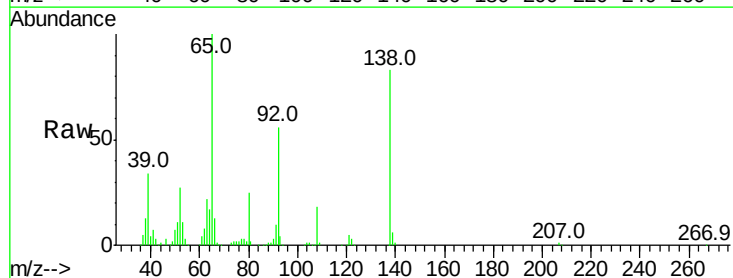
Ion	Ratio	Lower	Upper
162	100		
164	32.2	26.2	39.4
127	38.6	29.5	44.3

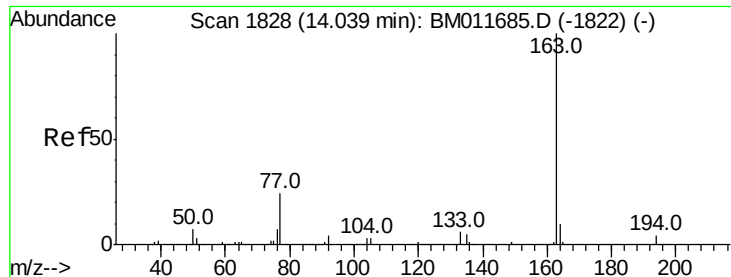


#43
 2-Nitroaniline
 Concen: 24.701 ng/ul
 RT: 13.67 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

Tgt Ion: 65 Resp: 413149

Ion	Ratio	Lower	Upper
65	100		
92	56.1	57.0	85.4#
138	82.7	87.2	130.8#





#45

Dimethylphthalate

Concen: 19.472 ng/ul

RT: 14.04 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

Instrument :

BNA_M

ClientSampleId :

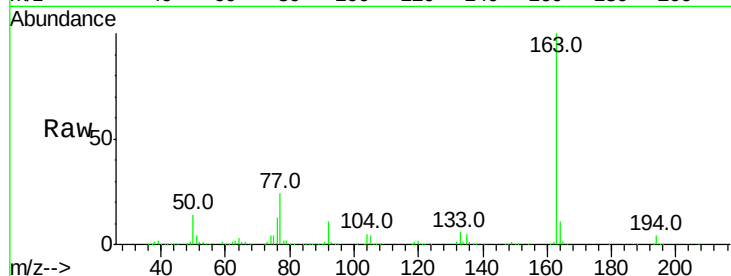
Tot Ion:163 Resp: 1355541

Ion Ratio Lower Upper

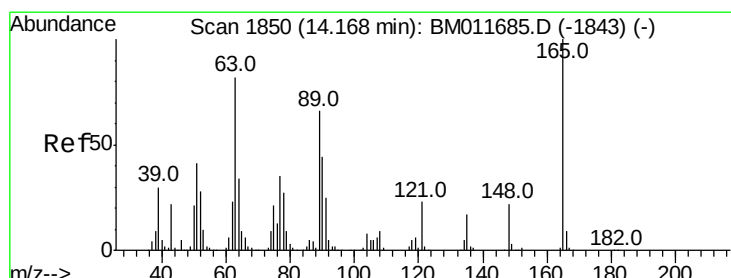
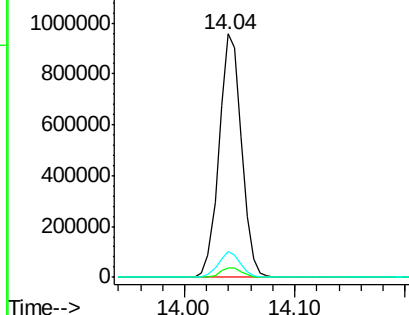
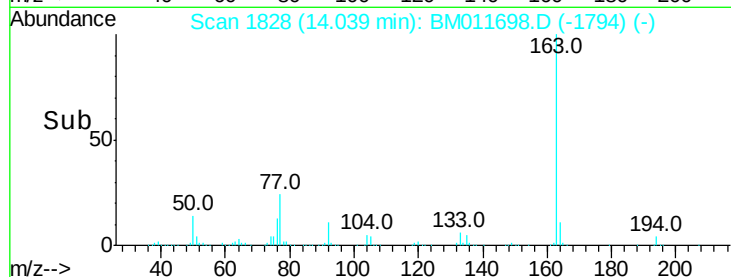
163 100

194 3.7 4.0 6.0#

164 10.6 8.4 12.6



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



#46

2,6-Dinitrotoluene

Concen: 21.565 ng/ul

RT: 14.17 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

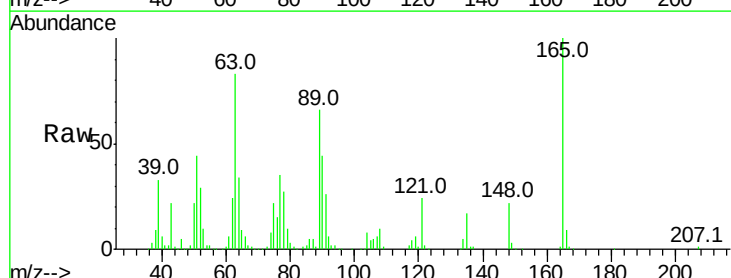
Tgt Ion:165 Resp: 265133

Ion Ratio Lower Upper

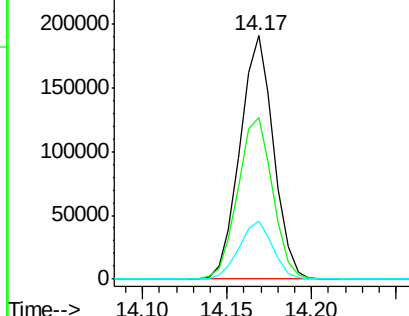
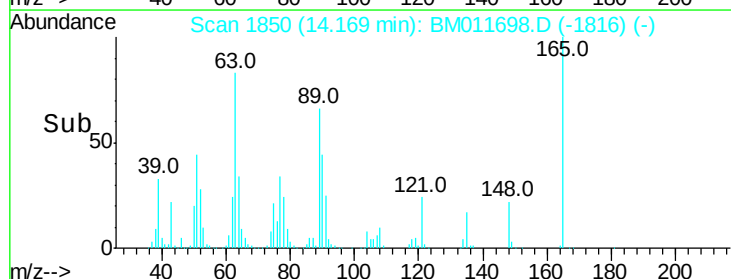
165 100

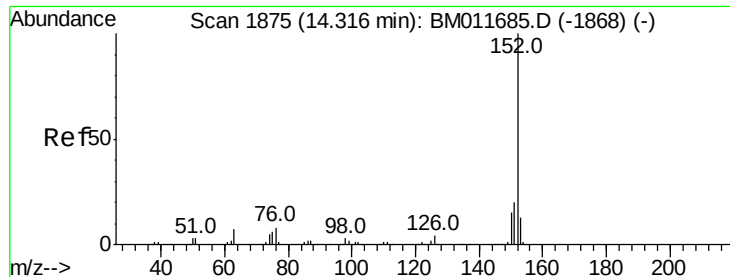
89 66.3 43.8 65.8#

121 23.6 17.8 26.6



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





#48

Acenaphthylene

Concen: 20.338 ng/ul

RT: 14.32 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

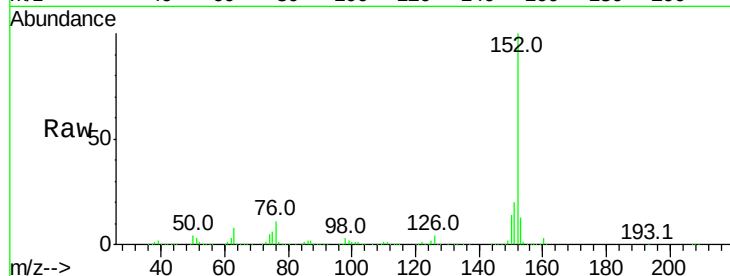
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 1800052

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	13.3	10.8	16.2

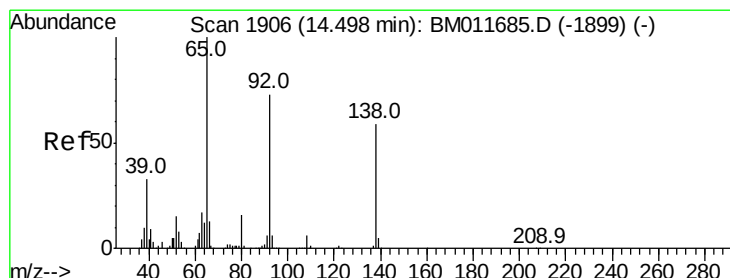
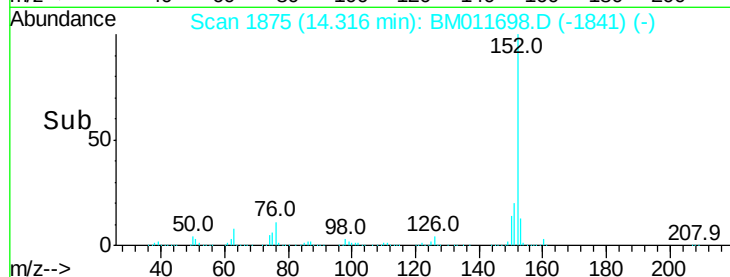
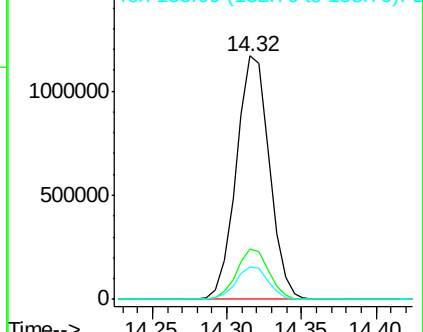


Abundance

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



#49

3-Nitroaniline

Concen: 18.957 ng/ul

RT: 14.50 min Scan# 1906

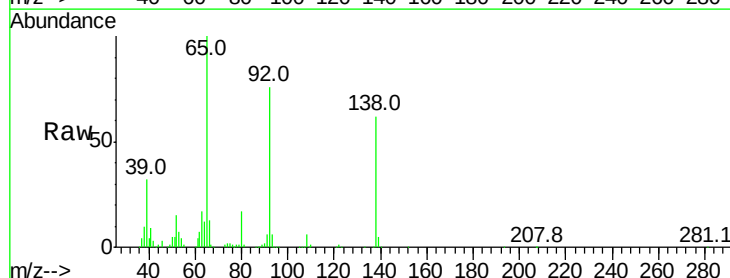
Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

Tgt Ion:138 Resp: 287389

Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.6	11.4
92	122.1	94.2	141.2

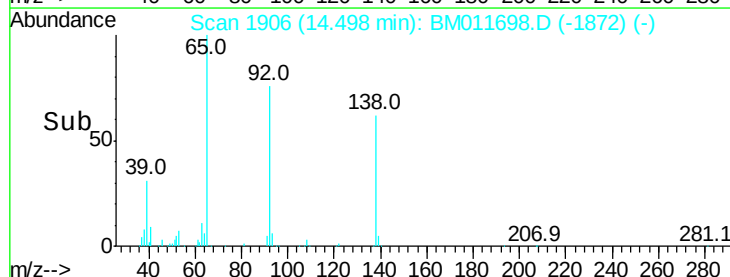
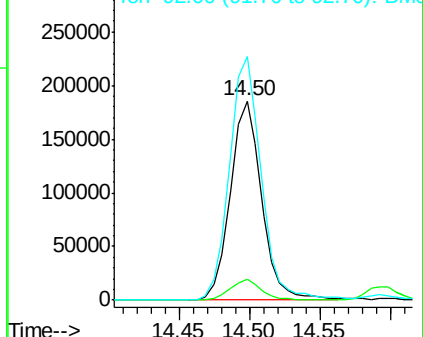


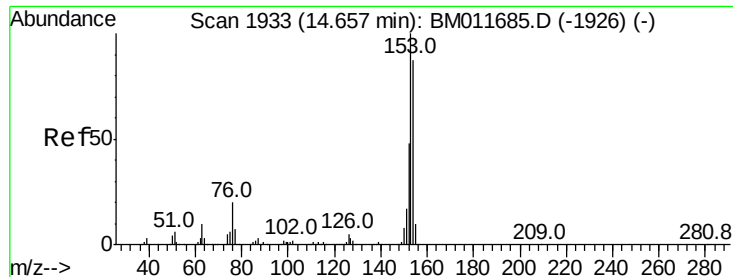
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#50

Acenaphthene

Concen: 19.985 ng/ul

RT: 14.66 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

Instrument :

BNA_M

ClientSampleId :

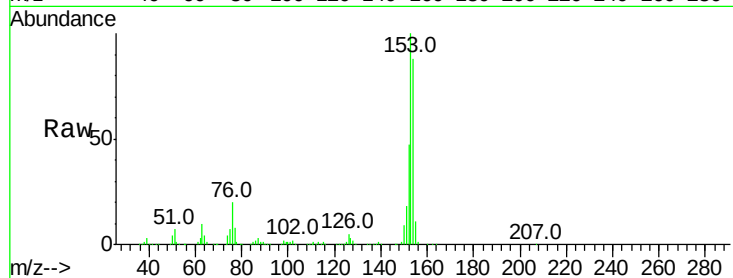
Tot Ion:153 Resp: 1195158

Ion Ratio Lower Upper

153 100

152 46.9 37.9 56.9

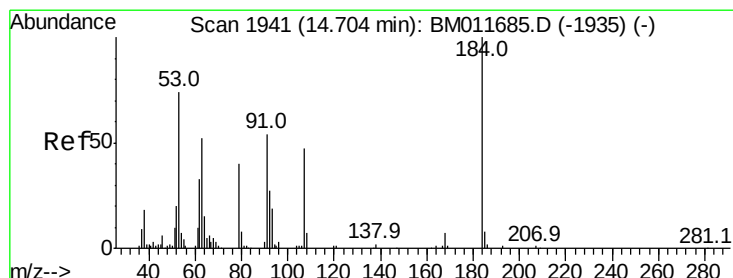
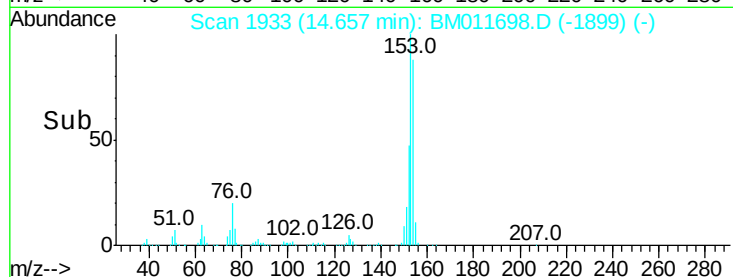
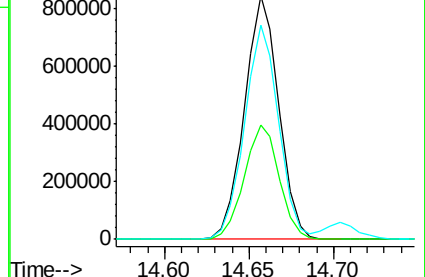
154 88.1 69.8 104.6



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



#51

2,4-Dinitrophenol

Concen: 15.938 ng/ul

RT: 14.70 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

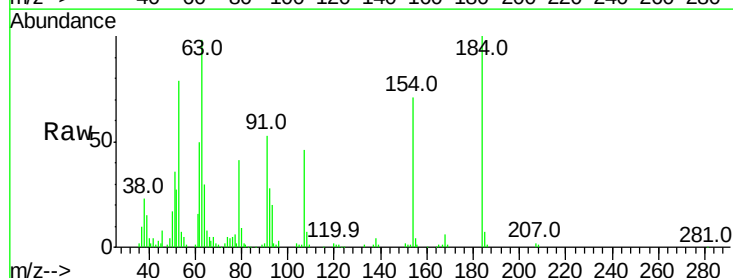
Tgt Ion:184 Resp: 121068

Ion Ratio Lower Upper

184 100

63 97.6 39.7 59.5#

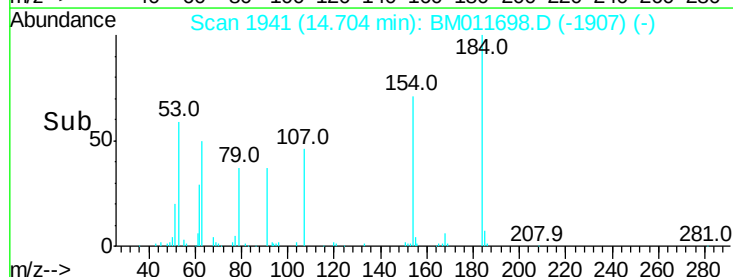
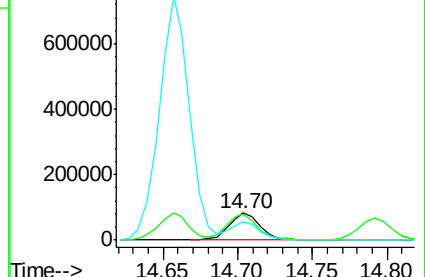
154 70.5 45.0 67.6#

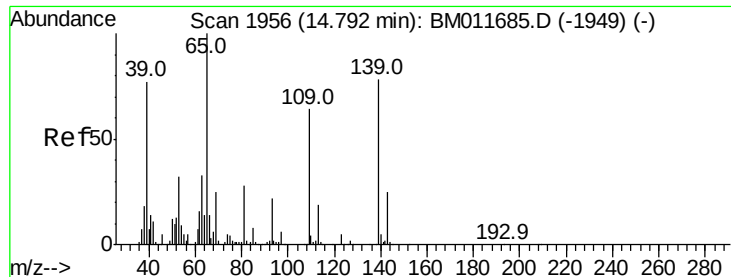


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 22.775 ng/ul

RT: 14.79 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

Instrument :

BNA_M

ClientSampleId :

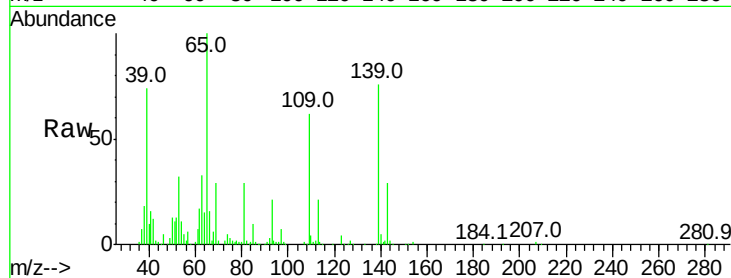
Tot Ion:109 Resp: 200014

Ion Ratio Lower Upper

109 100

139 121.1 91.2 136.8

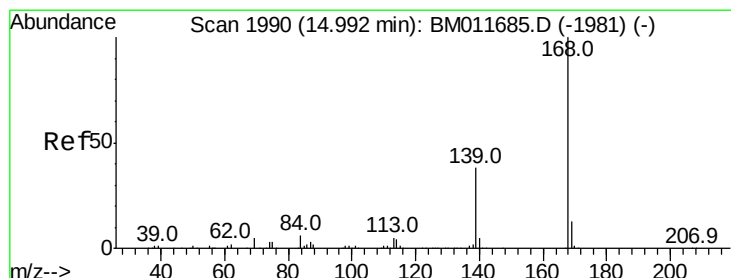
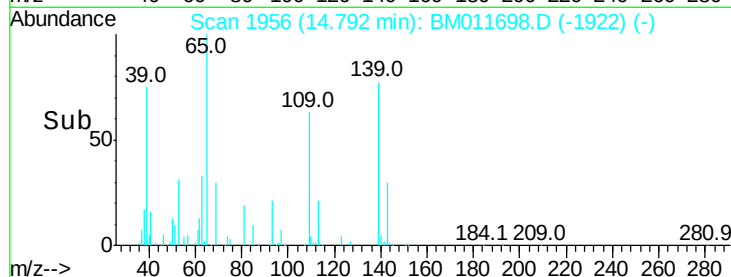
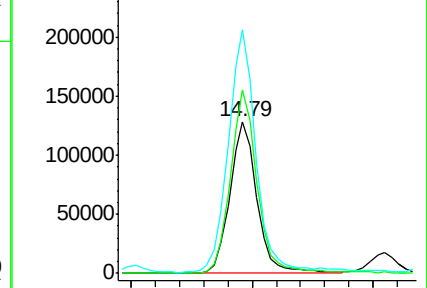
65 160.2 92.6 139.0#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BMC



#54

Dibenzofuran

Concen: 19.838 ng/ul

RT: 14.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BM011698.D

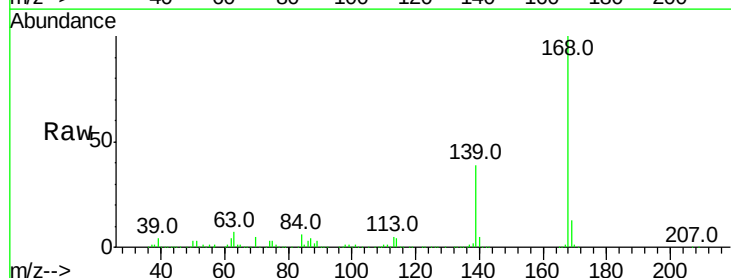
Acq: 22 Sep 2017 18:35

Tgt Ion:168 Resp: 1659418

Ion Ratio Lower Upper

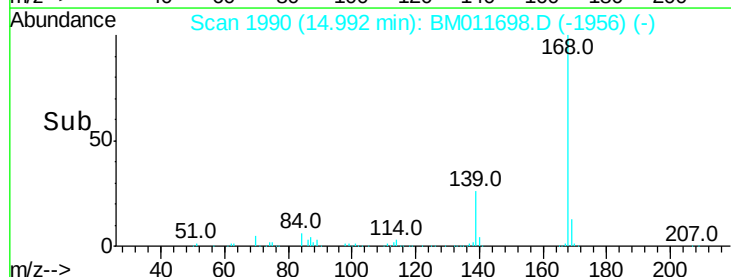
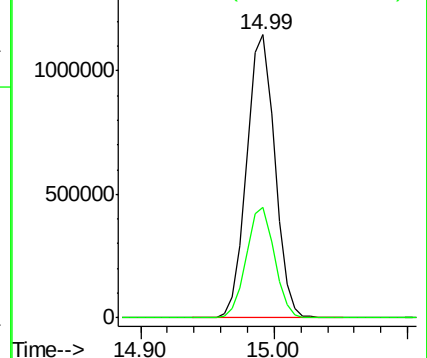
168 100

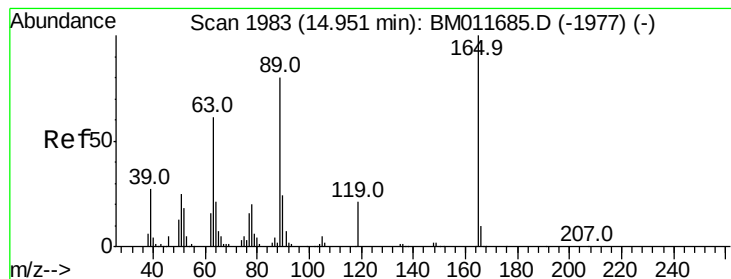
139 39.3 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#55

2,4-Dinitrotoluene

Concen: 19.669 ng/ul

RT: 14.95 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

Instrument :

BNA_M

ClientSampleId :

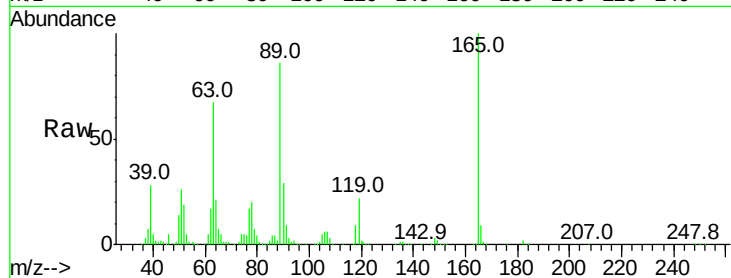
Tot Ion:165 Resp: 355493

Ion Ratio Lower Upper

165 100

63 67.1 31.4 47.0#

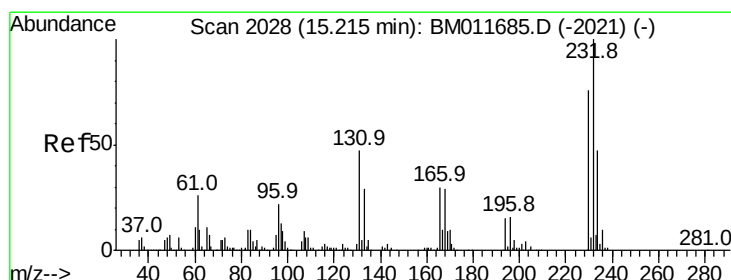
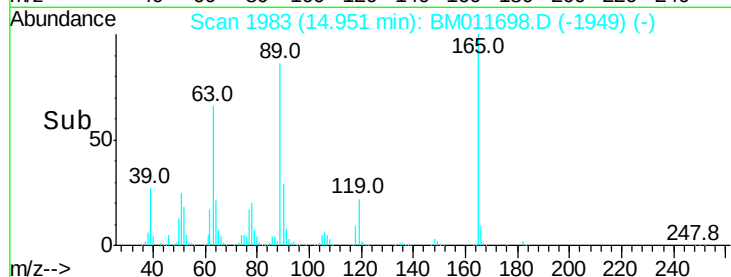
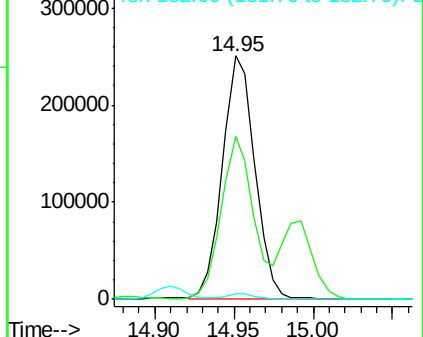
182 2.3 2.7 4.1#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#56

2,3,4,6-Tetrachlorophenol

Concen: 21.175 ng/ul

RT: 15.22 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

Tgt Ion:232 Resp: 339893

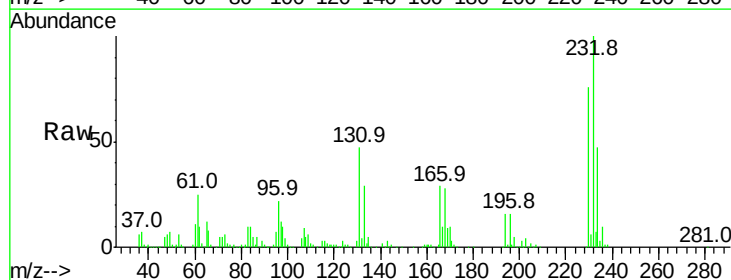
Ion Ratio Lower Upper

232 100

131 46.6 27.1 40.7#

130 2.7 0.0 0.0#

166 29.4 20.0 30.0

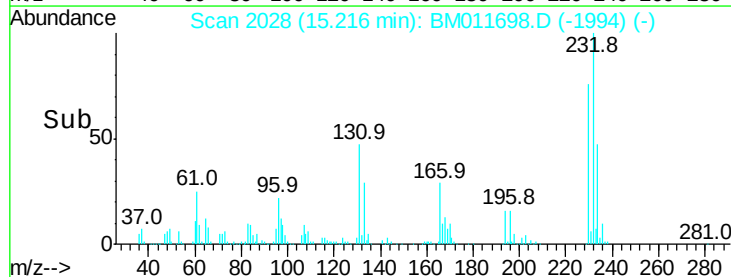
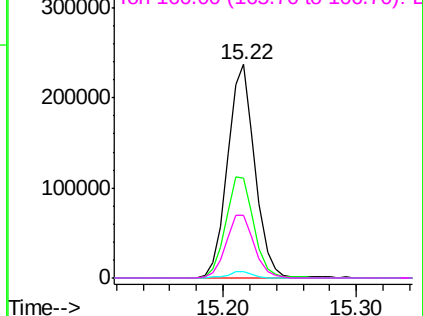


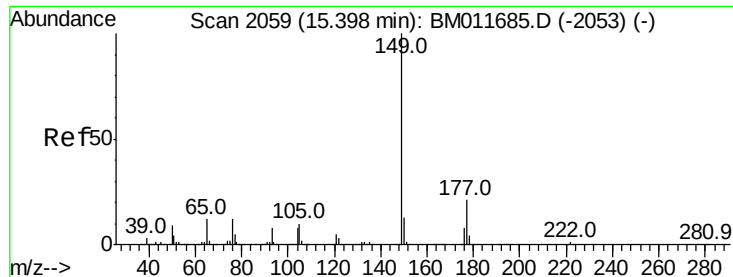
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

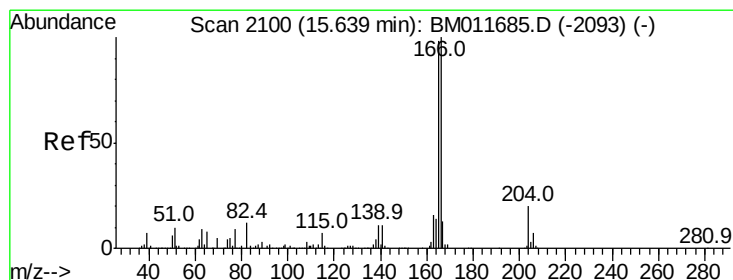
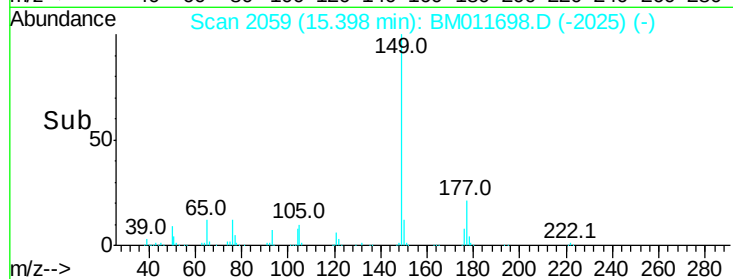
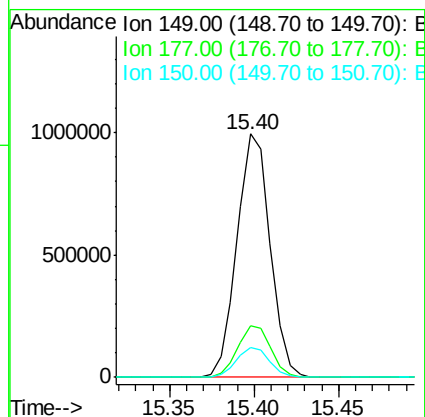
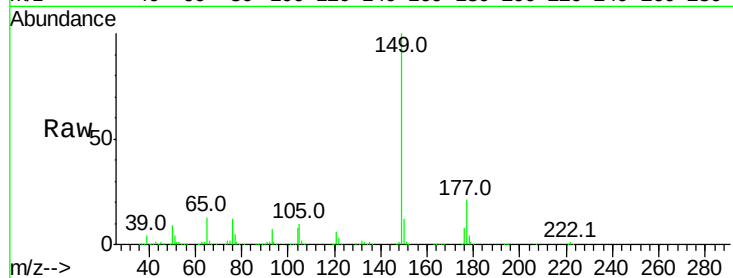




#57
Diethylphthalate
Concen: 18.828 ng/ul
RT: 15.40 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BM011698.D
Acq: 22 Sep 2017 18:35

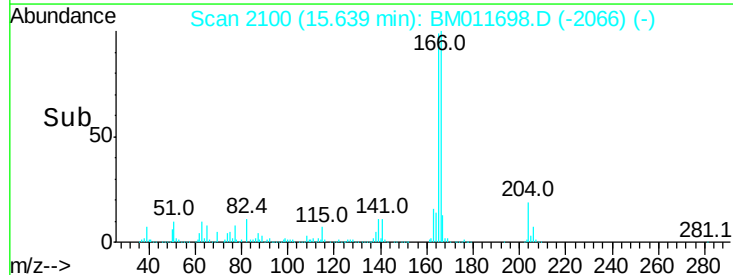
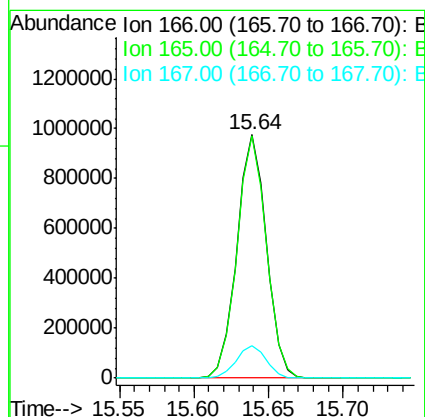
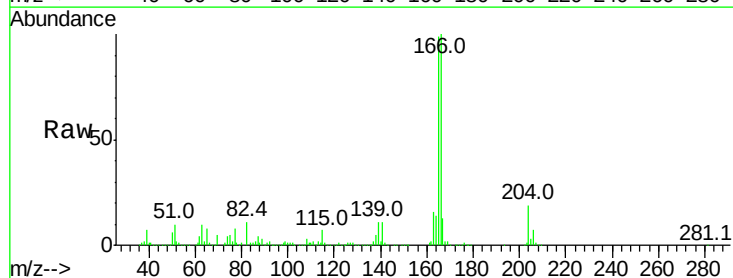
Instrument :
BNA_M
ClientSampled :

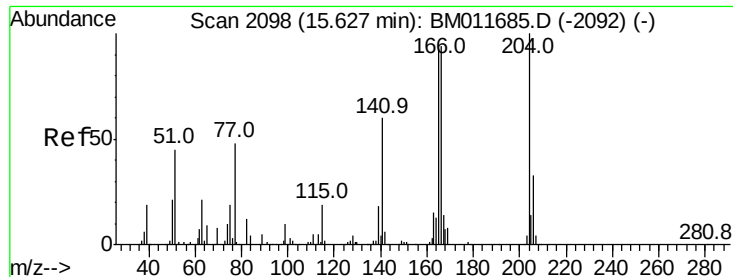
Tot Ion:149 Resp: 1364017
Ion Ratio Lower Upper
149 100
177 21.4 19.3 28.9
150 12.3 10.6 15.8



#59
Fluorene
Concen: 19.168 ng/ul
RT: 15.64 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BM011698.D
Acq: 22 Sep 2017 18:35

Tgt Ion:166 Resp: 1343790
Ion Ratio Lower Upper
166 100
165 99.4 78.4 117.6
167 13.5 11.1 16.7

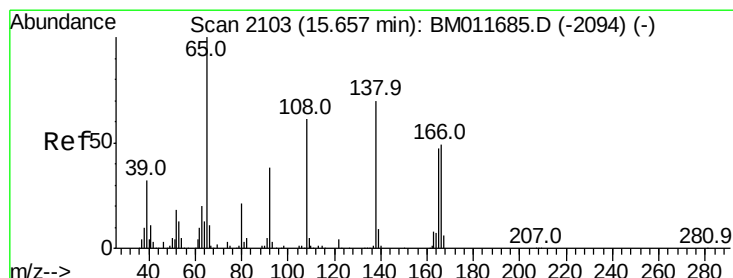
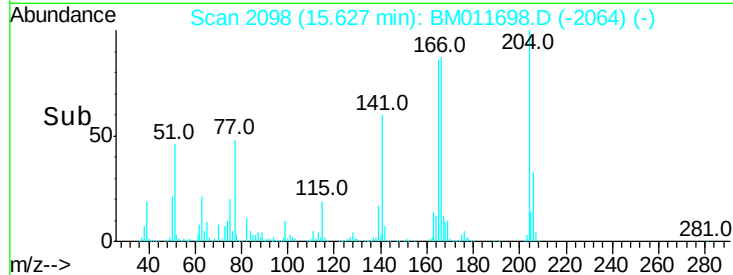
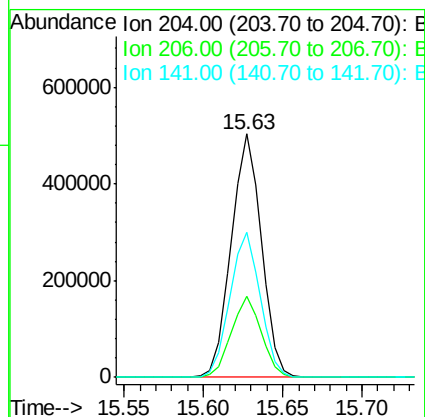
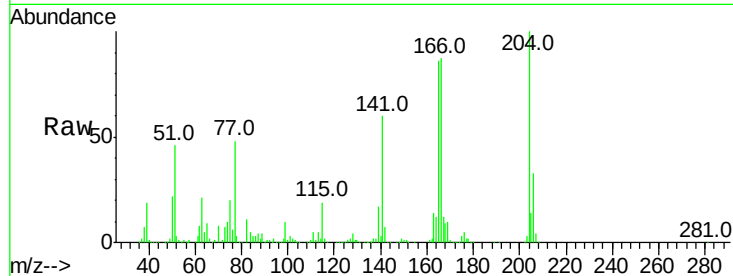




#60
 4-Chlorophenyl-phenylether
 Concen: 20.209 ng/ul
 RT: 15.63 min Scan# 2098
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

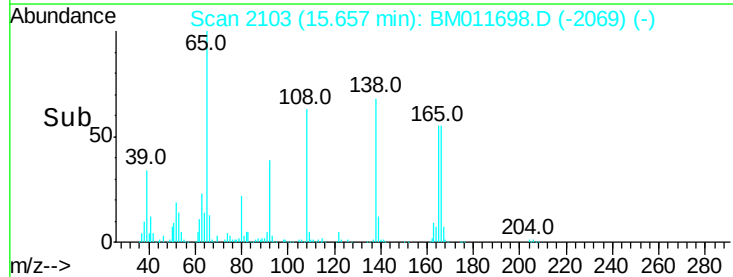
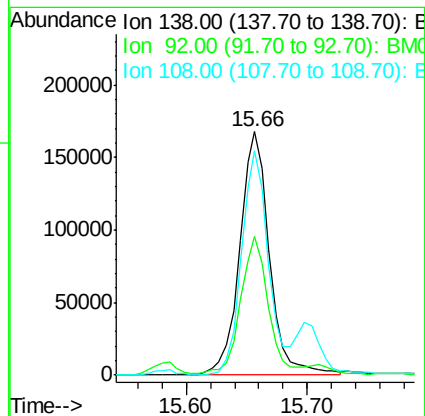
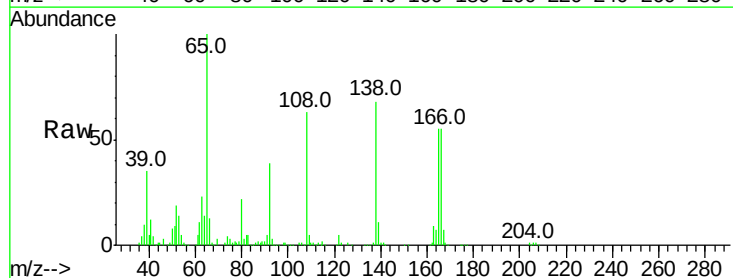
Instrument :
 BNA_M
 ClientSampleId :

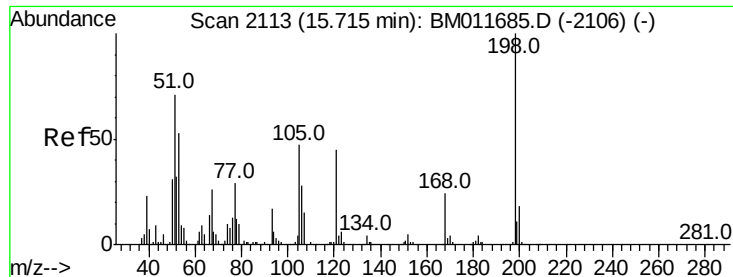
Tot Ion:204 Resp: 663821
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.6 40.0
 141 59.5 40.7 61.1



#61
 4-Nitroaniline
 Concen: 17.783 ng/ul
 RT: 15.66 min Scan# 2103
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

Tgt Ion:138 Resp: 288780
 Ion Ratio Lower Upper
 138 100
 92 57.1 38.2 57.4
 108 91.9 70.0 105.0

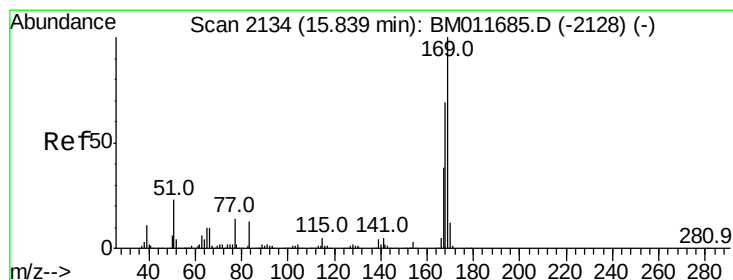
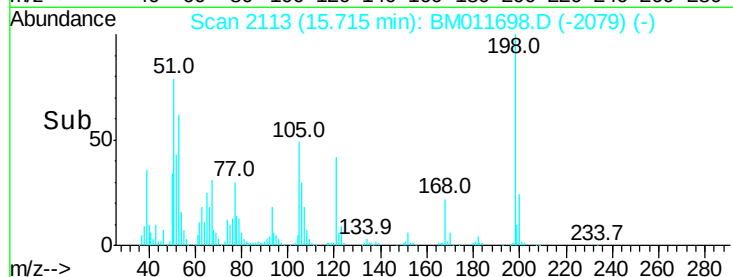
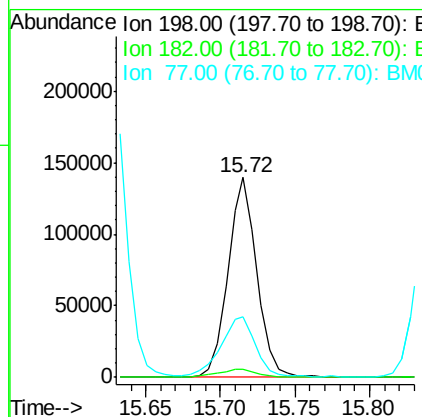
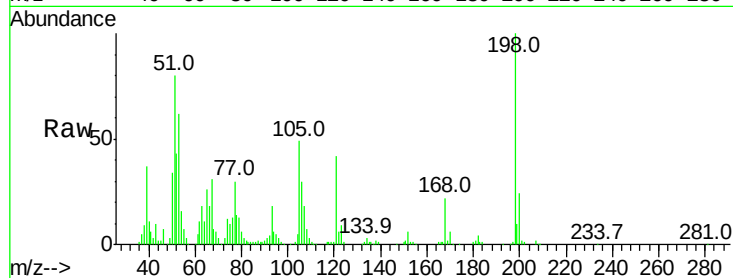




#64
 4,6-Dinitro-2-methylphenol
 Concen: 18.792 ng/ul
 RT: 15.72 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

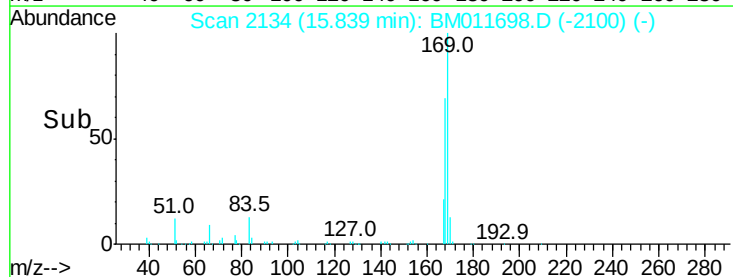
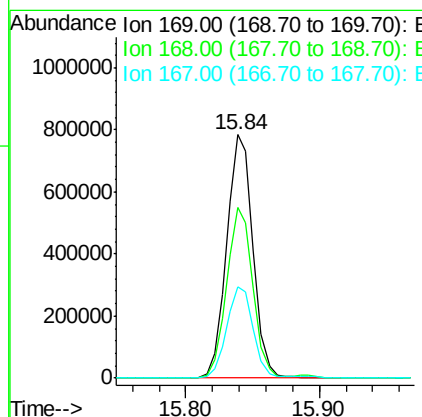
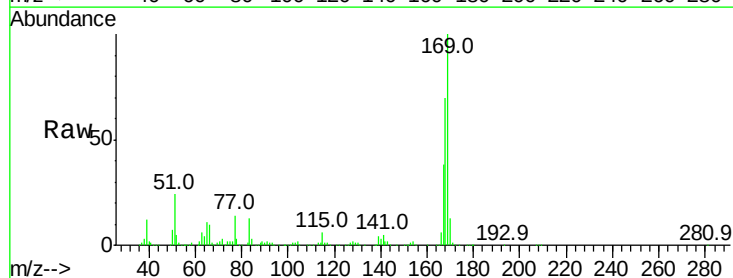
Instrument :
 BNA_M
 ClientSampleId :

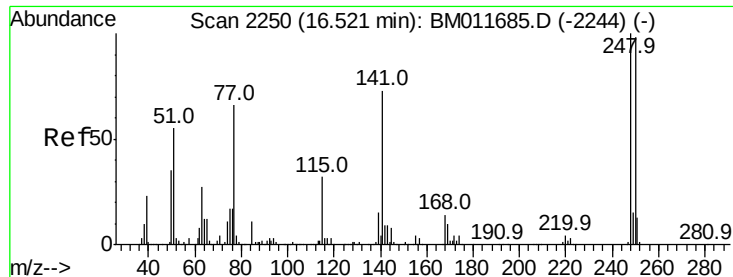
Tot Ion:198 Resp: 188608
 Ion Ratio Lower Upper
 198 100
 182 4.2 3.5 5.3
 77 30.4 18.2 27.4#



#65
 N-Nitrosodiphenylamine
 Concen: 21.114 ng/ul
 RT: 15.84 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

Tgt Ion:169 Resp: 1082603
 Ion Ratio Lower Upper
 169 100
 168 69.9 53.8 80.8
 167 37.5 29.5 44.3

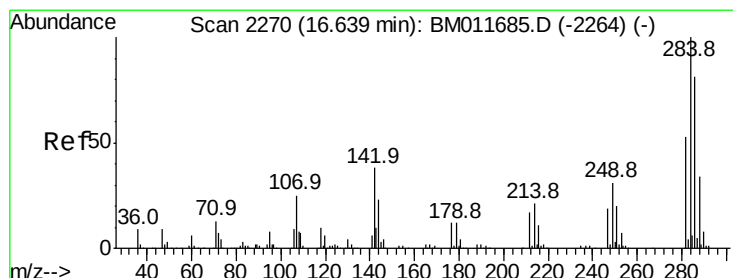
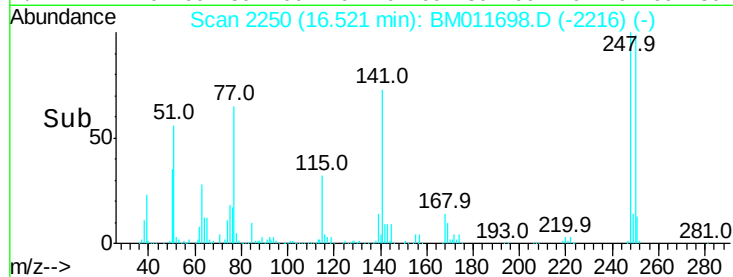
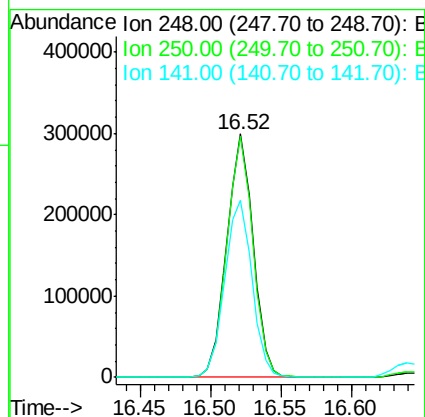
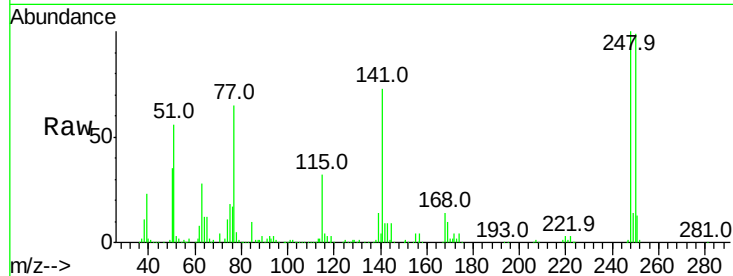




#66
 4-Bromophenyl-phenylether
 Concen: 22.763 ng/ul
 RT: 16.52 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

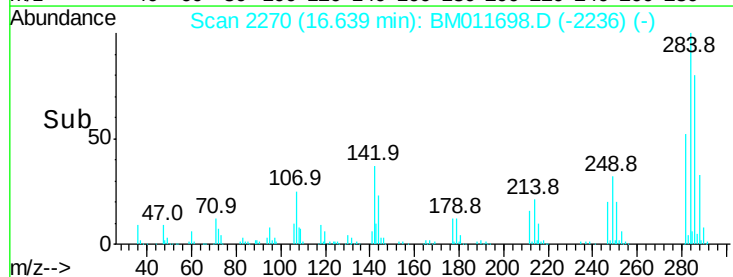
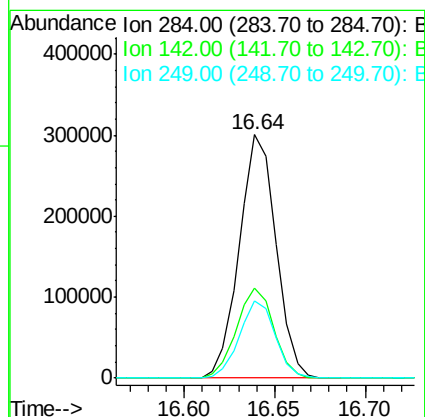
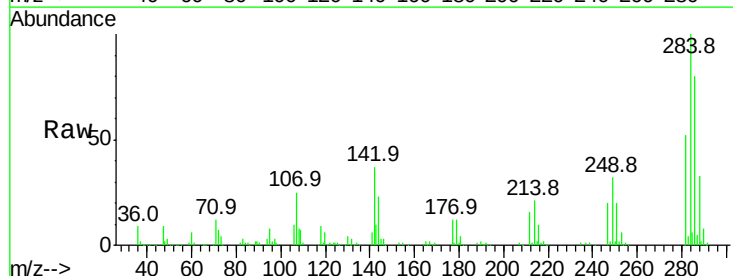
Instrument :
 BNA_M
 ClientSampleId :

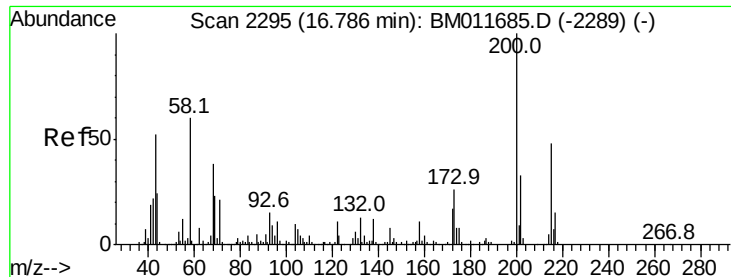
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.0	118.4
141	72.8	51.9	77.9



#67
 Hexachlorobenzene
 Concen: 22.317 ng/ul
 RT: 16.64 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.1	21.3	31.9#
249	31.5	26.3	39.5

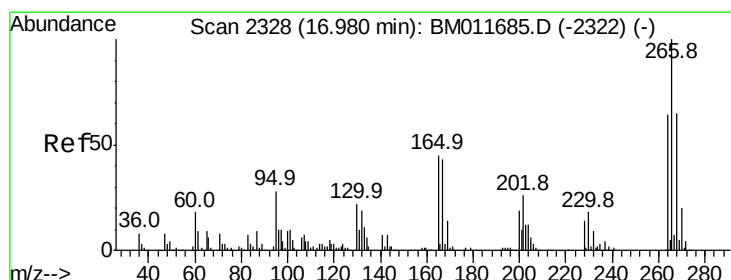
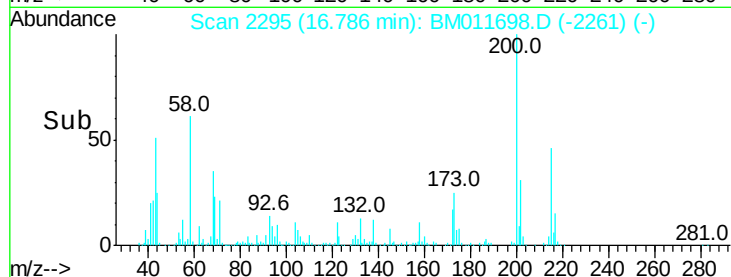
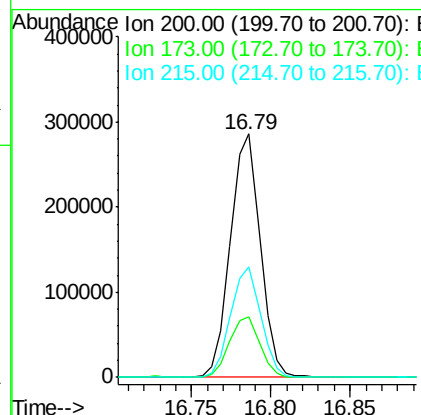
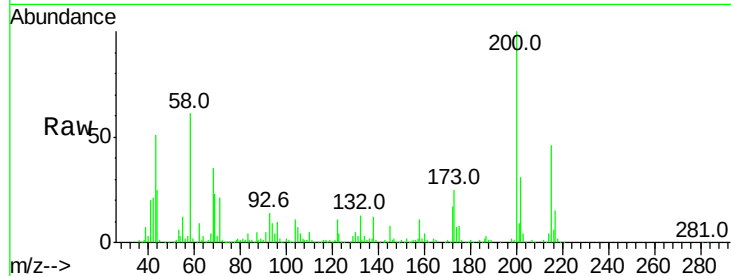




#68
 Atrazine
 Concen: 21.133 ng/ul
 RT: 16.79 min Scan# 2295
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

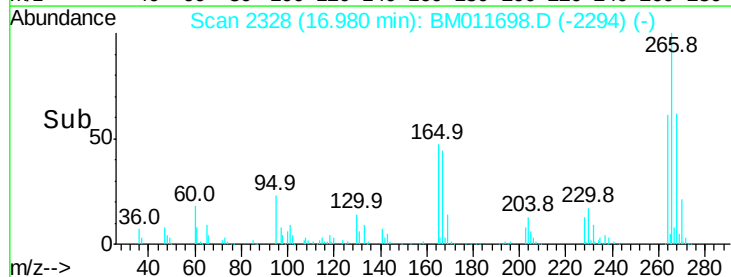
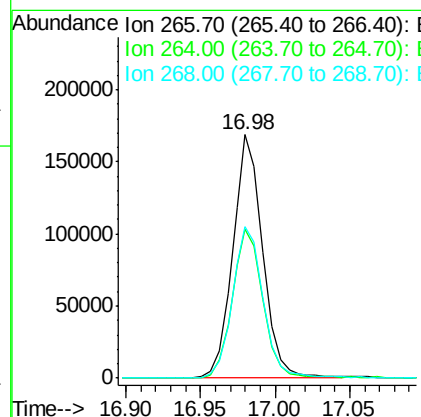
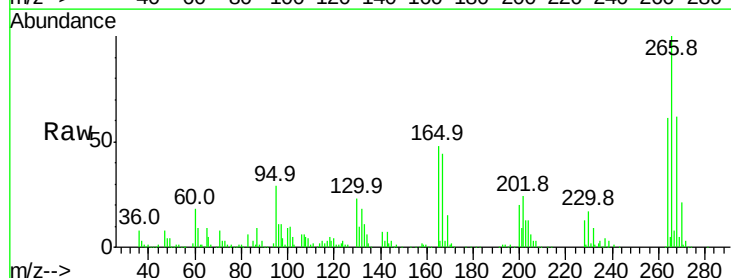
Instrument :
 BNA_M
 ClientSampleId :

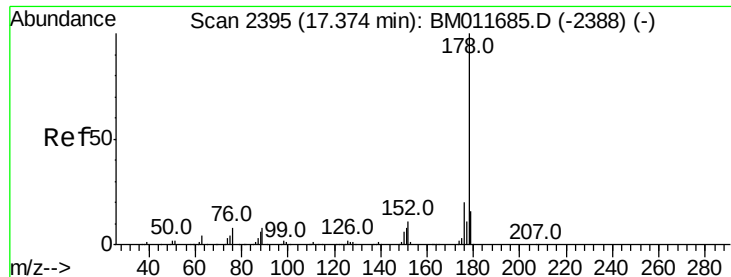
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	20.6	31.0
215	45.5	39.8	59.6



#69
 Pentachlorophenol
 Concen: 19.490 ng/ul
 RT: 16.98 min Scan# 2328
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.2	48.2	72.4
268	62.4	52.3	78.5





#70

Phenanthrene

Concen: 19.990 ng/ul

RT: 17.37 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

Instrument :

BNA_M

ClientSampleId :

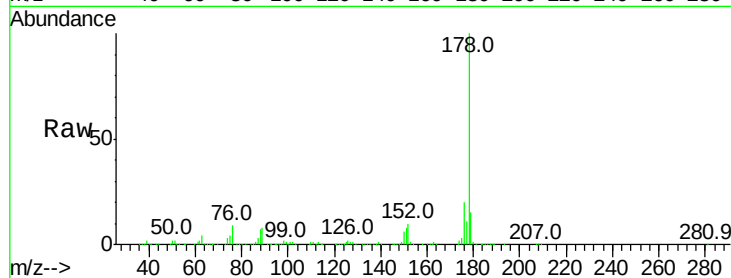
Tot Ion:178 Resp: 1875625

Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

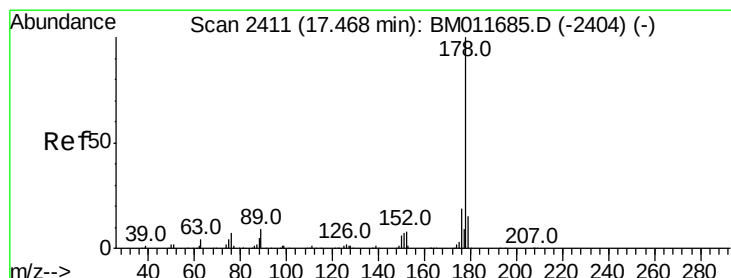
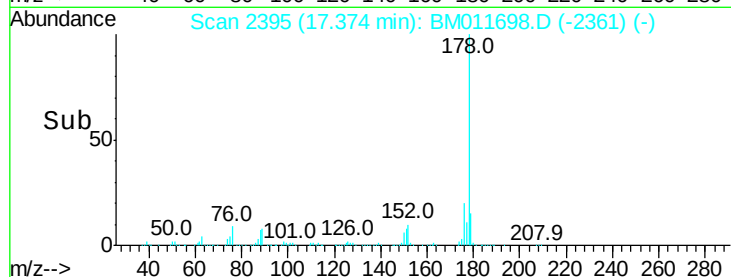
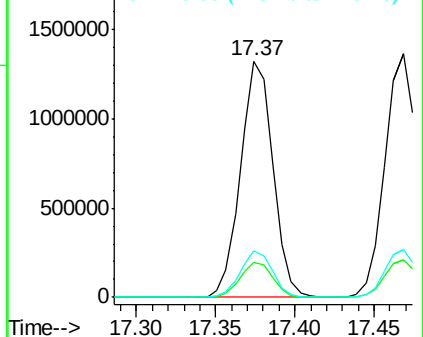
176 19.5 15.4 23.0



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



#72

Anthracene

Concen: 20.096 ng/ul

RT: 17.47 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

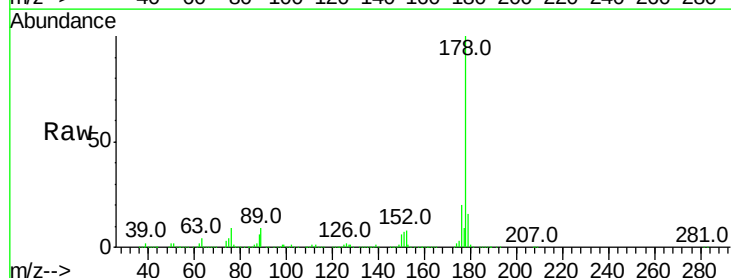
Tgt Ion:178 Resp: 1934799

Ion Ratio Lower Upper

178 100

179 15.6 13.4 20.2

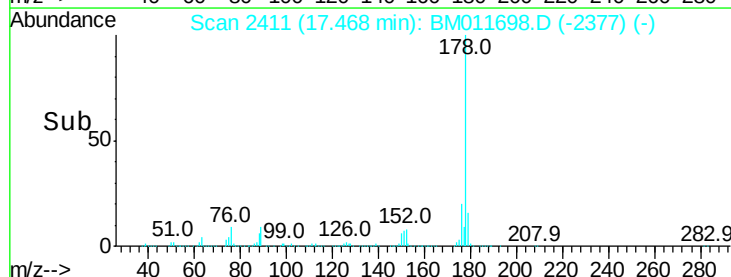
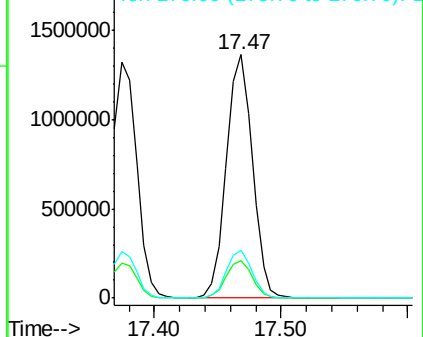
176 19.6 15.4 23.0

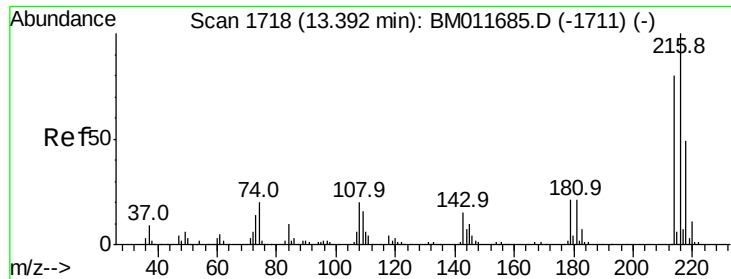


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

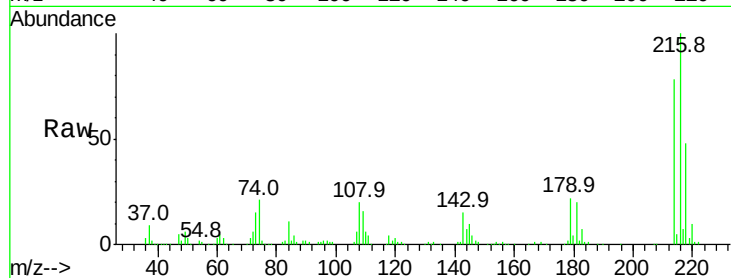




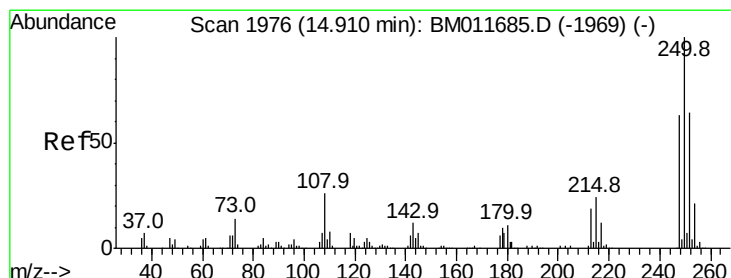
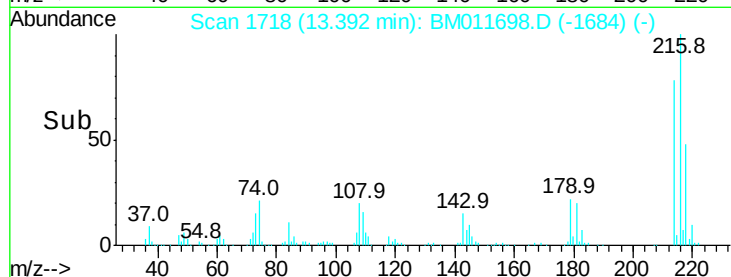
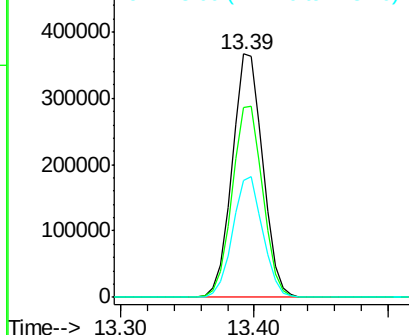
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 26.007 ng/uL
 RT: 13.39 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.0	64.1	96.1
218	47.8	39.4	59.0

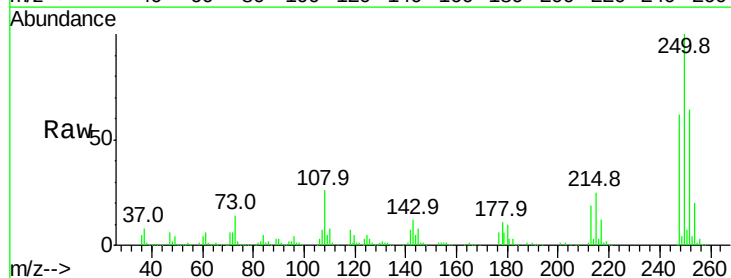


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E

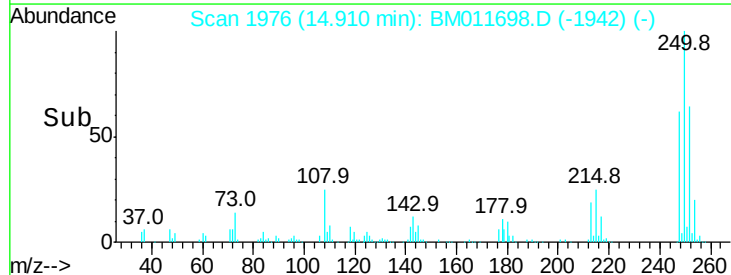
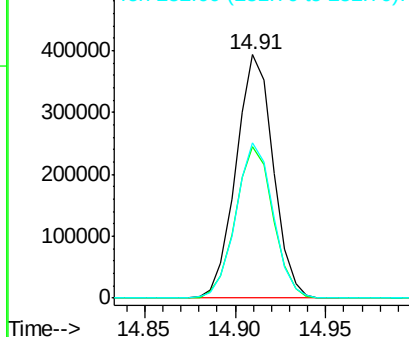


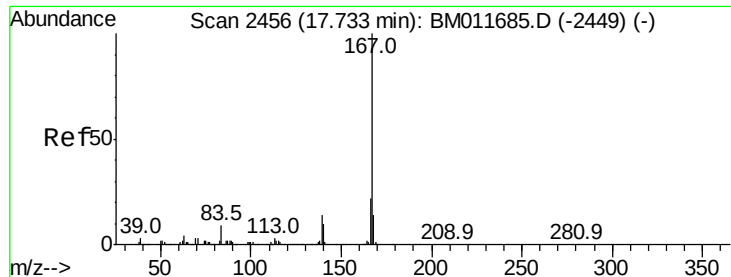
#74
 Pentachlorobenzene
 Concen: 24.664 ng/uL
 RT: 14.91 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

Tgt Ion	Ratio	Lower	Upper
250	100		
248	62.2	51.4	77.2
252	63.7	49.8	74.6



Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

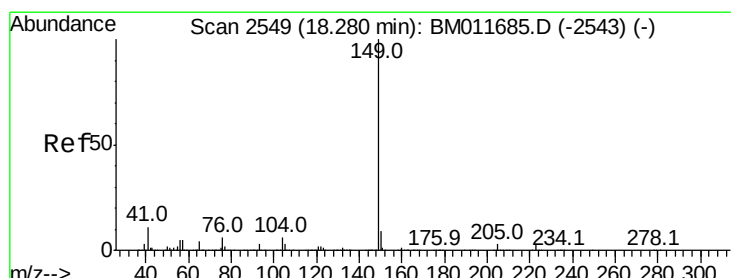
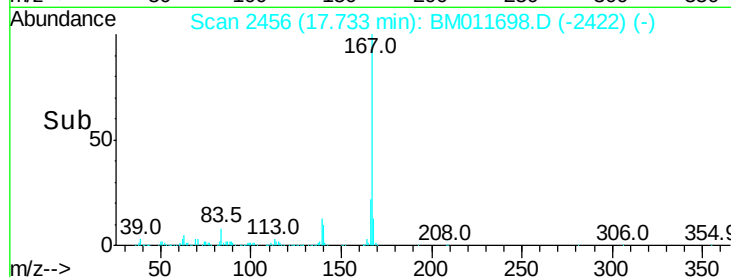
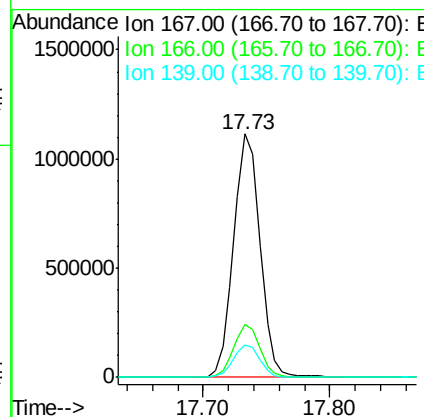
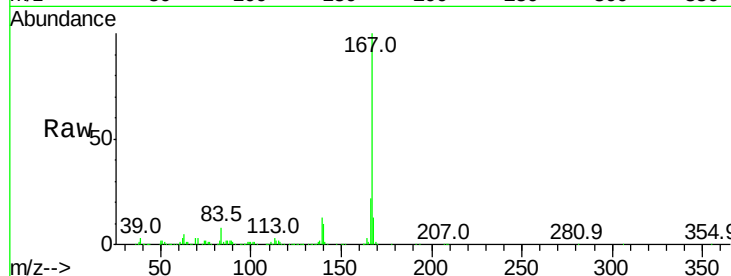




#75
 Carbazole
 Concen: 19.585 ng/ul
 RT: 17.73 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

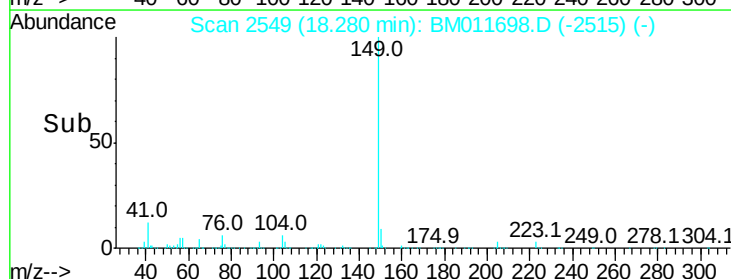
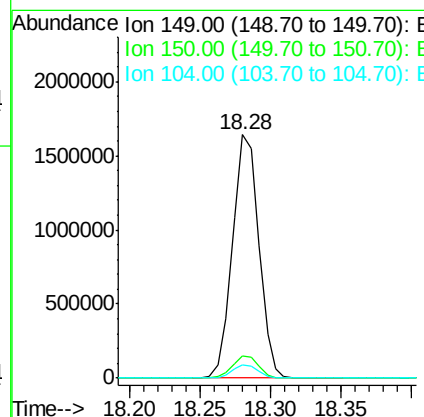
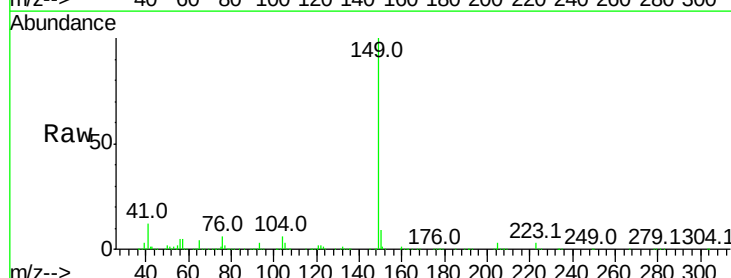
Instrument :
 BNA_M
 ClientSampled :

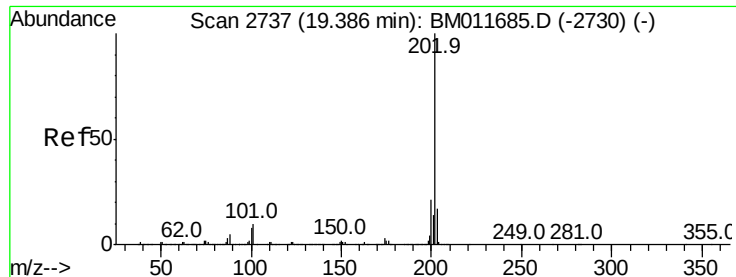
Tot Ion:167 Resp: 1608708
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.4
 139 13.1 9.1 13.7



#76
 Di-n-butylphthalate
 Concen: 19.777 ng/ul
 RT: 18.28 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

Tgt Ion:149 Resp: 2133644
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.6 4.1 6.1

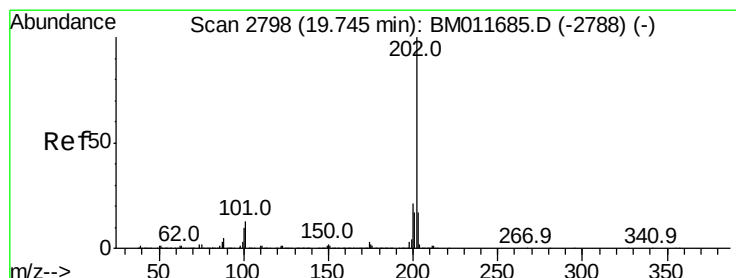
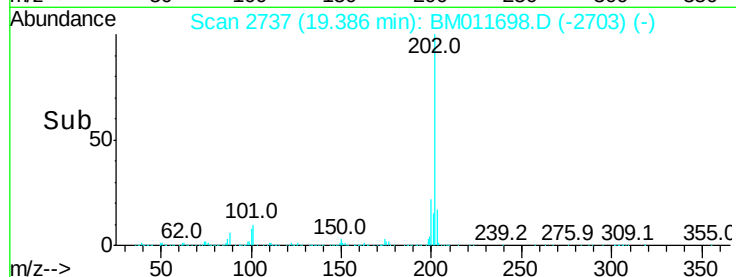
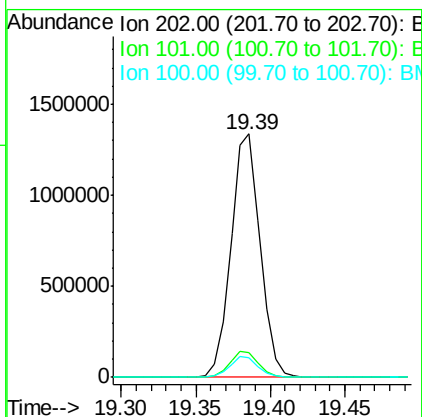
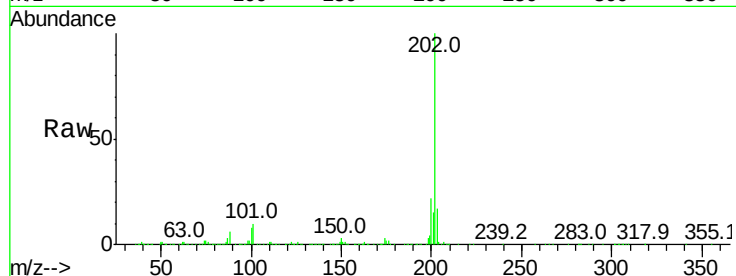




#77
 Fluoranthene
 Concen: 18.888 ng/ul
 RT: 19.39 min Scan# 2737
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

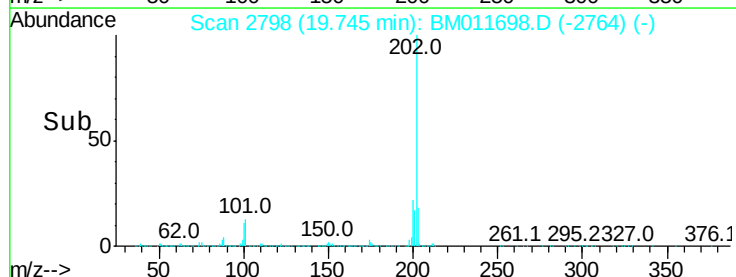
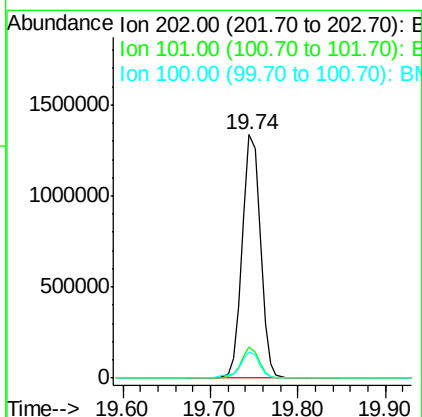
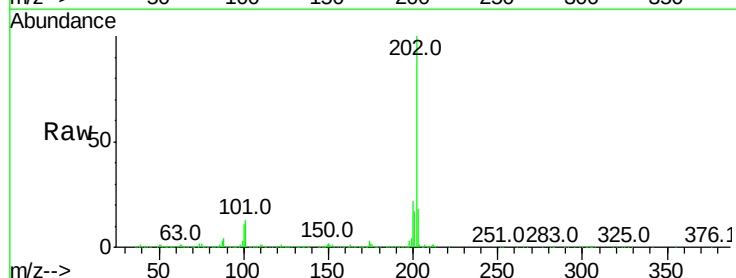
Instrument :
 BNA_M
 ClientSampleId :

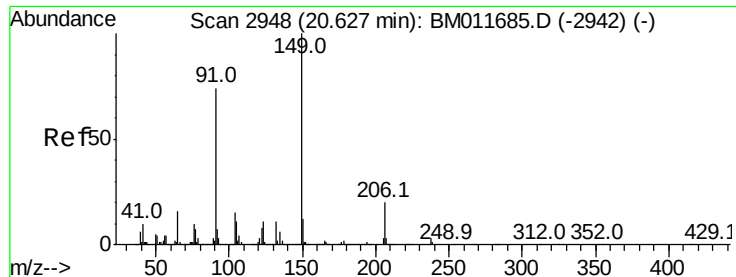
Tot Ion:202 Resp: 1822790
 Ion Ratio Lower Upper
 202 100
 101 10.1 6.1 9.1#
 100 8.1 4.6 7.0#



#80
 Pyrene
 Concen: 26.887 ng/ul
 RT: 19.74 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

Tgt Ion:202 Resp: 1846832
 Ion Ratio Lower Upper
 202 100
 101 12.8 6.9 10.3#
 100 10.7 5.6 8.4#

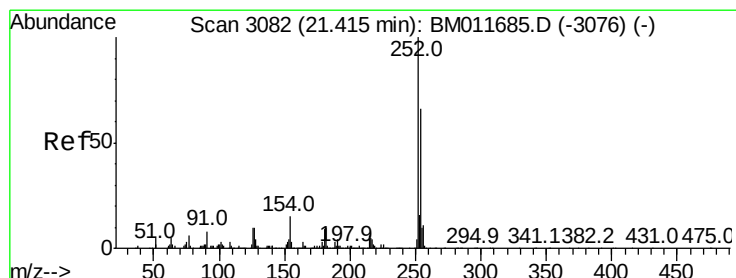
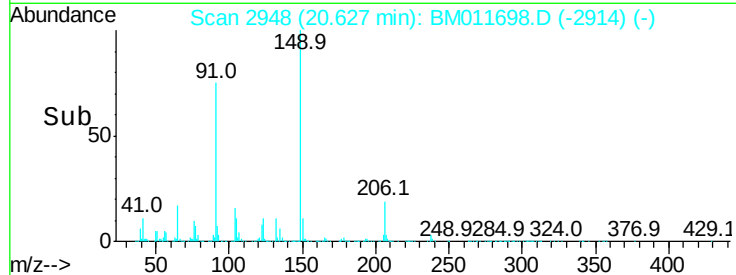
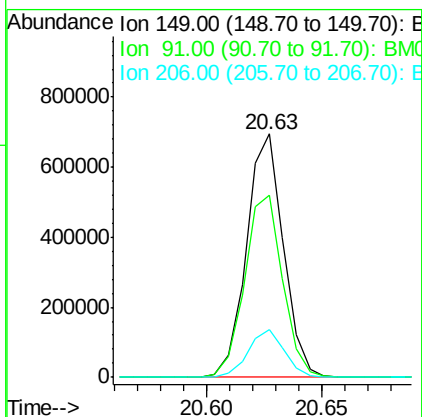
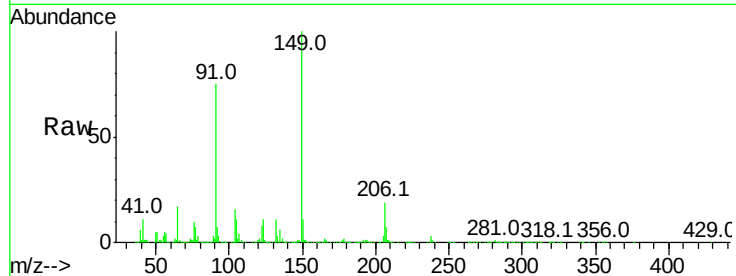




#81
Butylbenzylphthalate
Concen: 24.381 ng/ul
RT: 20.63 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BM011698.D
Acq: 22 Sep 2017 18:35

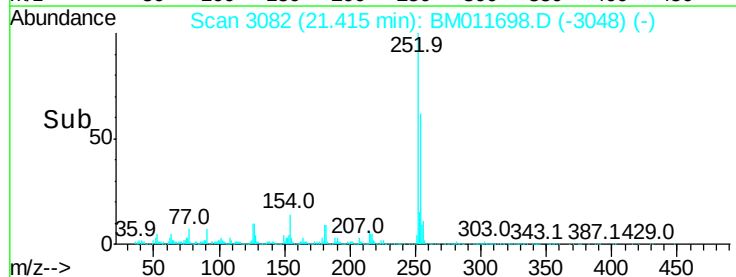
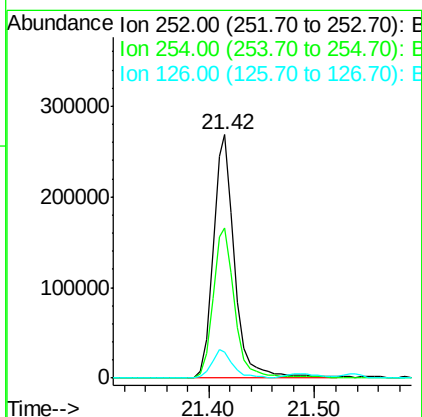
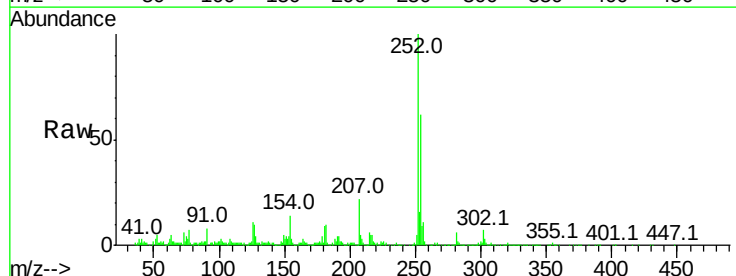
Instrument :
BNA_M
ClientSampled :

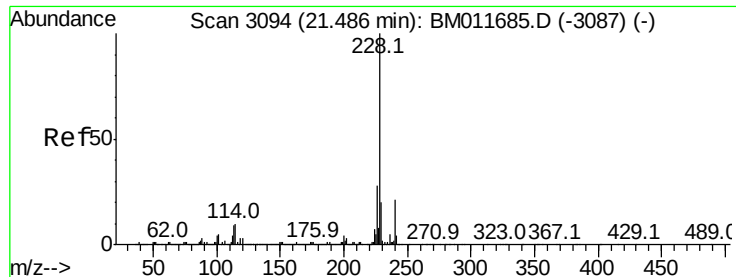
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.9	53.4	80.0
206	19.4	19.3	28.9



#82
3,3'-Dichlorobenzidine
Concen: 17.700 ng/ul
RT: 21.42 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BM011698.D
Acq: 22 Sep 2017 18:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.6	52.8	79.2
126	10.6	6.9	10.3





#83

Benzo(a)anthracene

Concen: 21.876 ng/ul

RT: 21.49 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

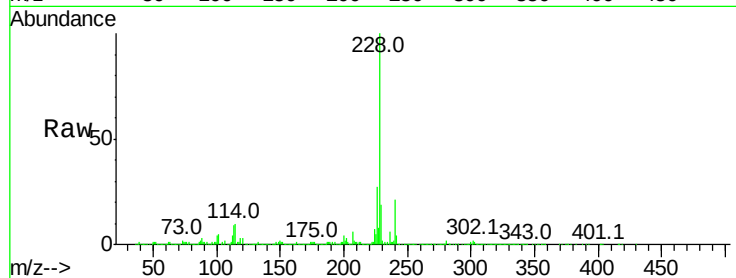
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 1418040

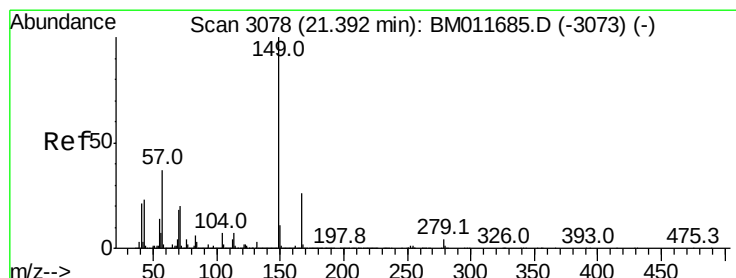
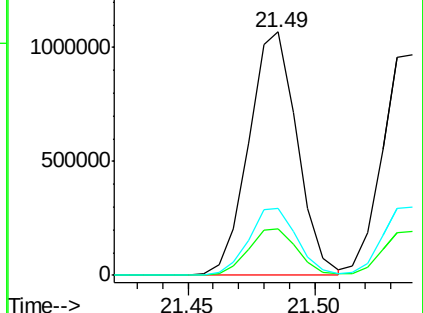
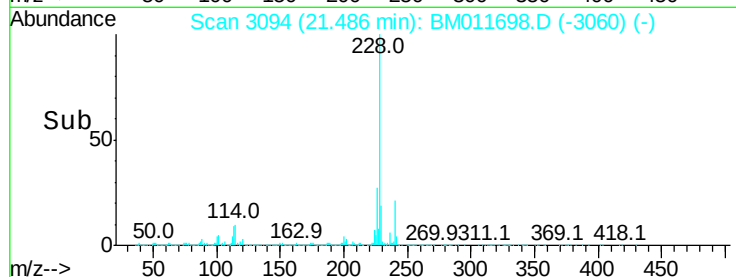
Ion	Ratio	Lower	Upper
228	100		
229	19.3	16.0	24.0
226	27.4	21.8	32.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 22.825 ng/ul

RT: 21.39 min Scan# 3078

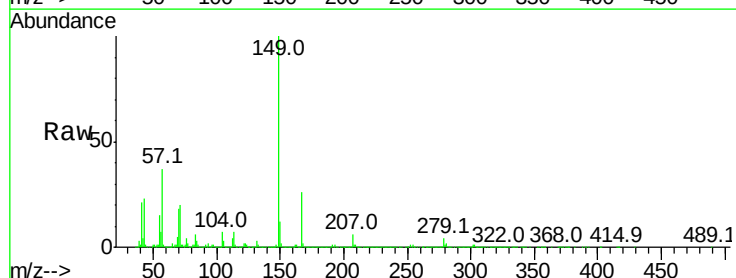
Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

Tgt Ion:149 Resp: 1107271

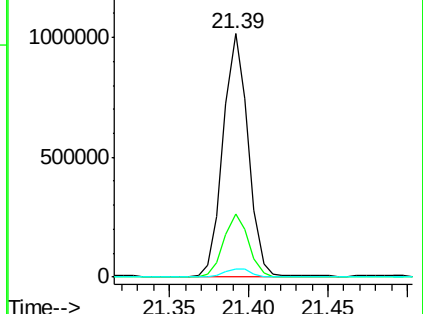
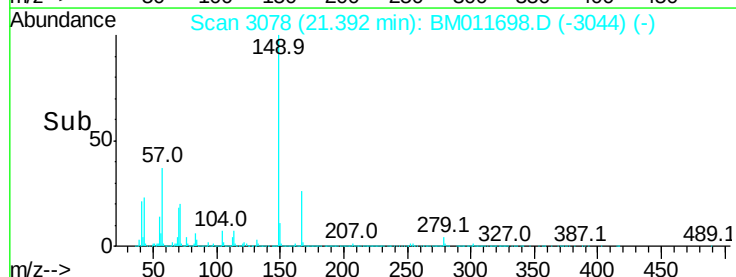
Ion	Ratio	Lower	Upper
149	100		
167	26.0	23.0	34.6
279	3.6	4.3	6.5#

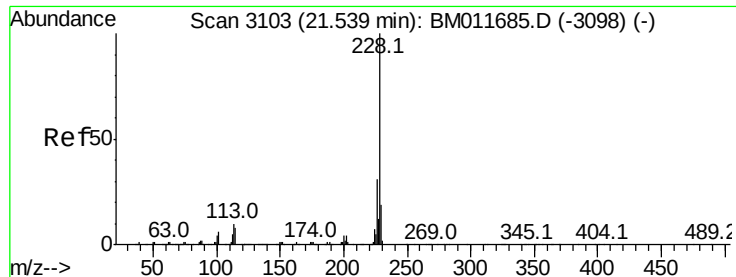


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 21.626 ng/ul

RT: 21.54 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

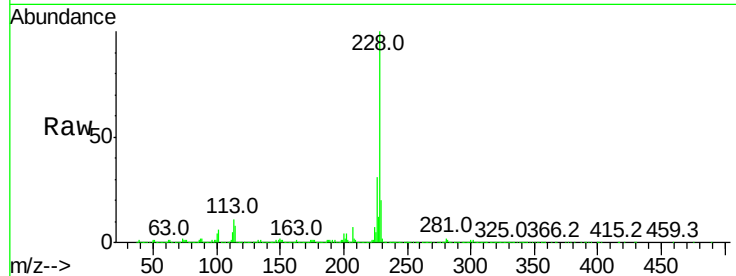
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1270880

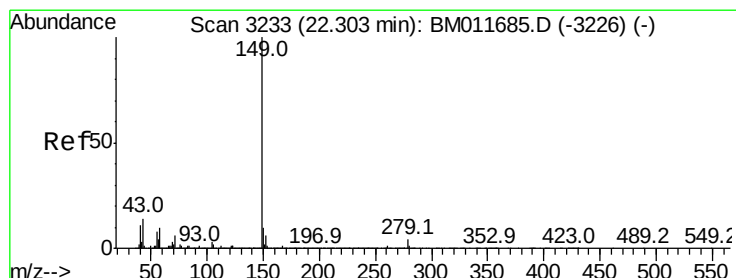
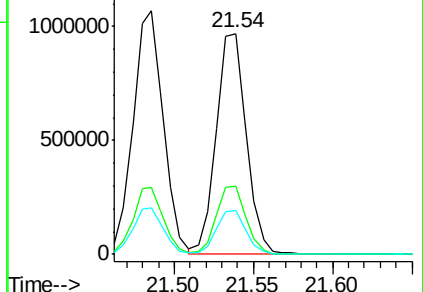
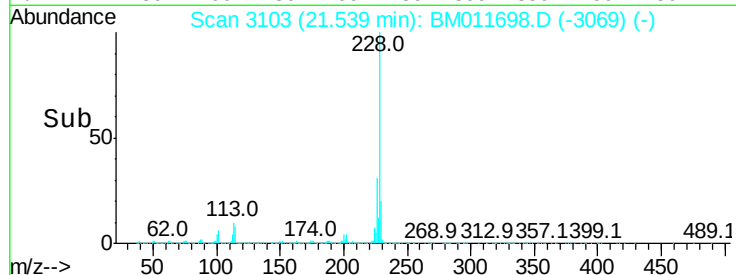
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	19.7	16.0	24.0



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

Di-n-octyl phthalate

Concen: 19.942 ng/ul

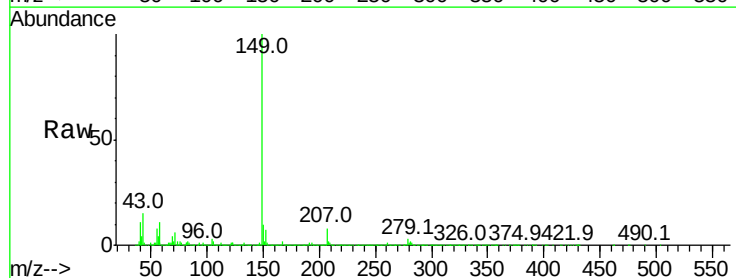
RT: 22.30 min Scan# 3233

Delta R.T. 0.00 min

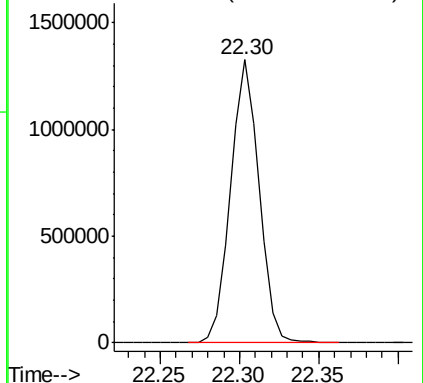
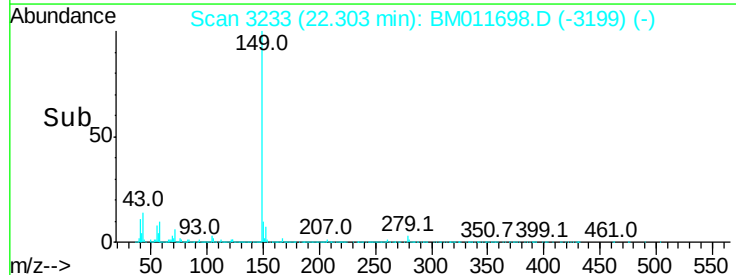
Lab File: BM011698.D

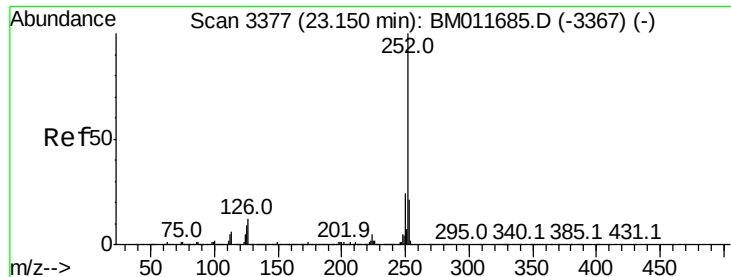
Acq: 22 Sep 2017 18:35

Tgt Ion:149 Resp: 1639925



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 19.525 ng/ul

RT: 23.15 min Scan# 3377

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

Instrument :

BNA_M

ClientSampleId :

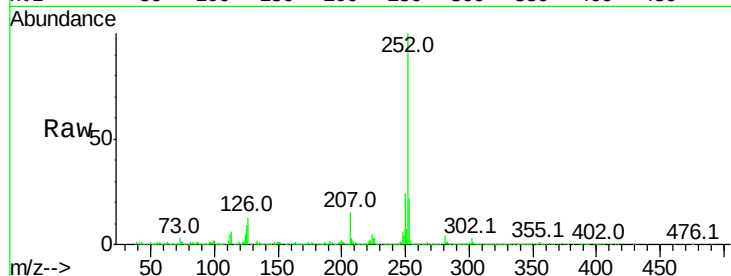
Tot Ion:252 Resp: 1361037

Ion Ratio Lower Upper

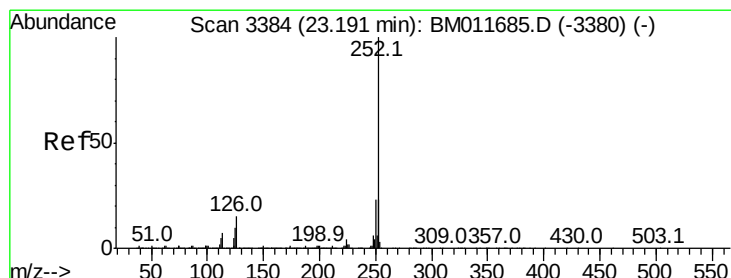
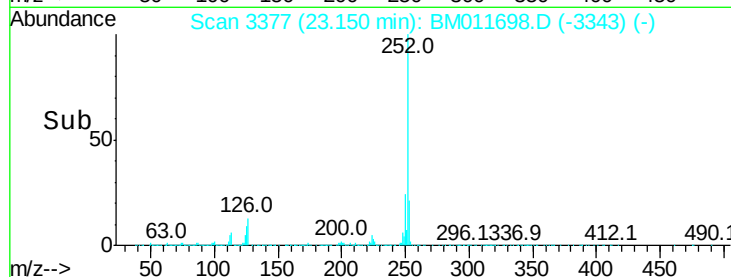
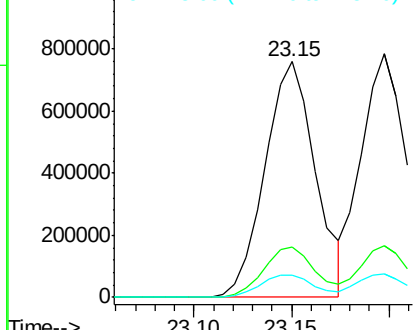
252 100

253 21.6 17.4 26.0

125 9.3 4.9 7.3#



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



#89

Benzo(k)fluoranthene

Concen: 19.084 ng/ul

RT: 23.20 min Scan# 3385

Delta R.T. 0.01 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

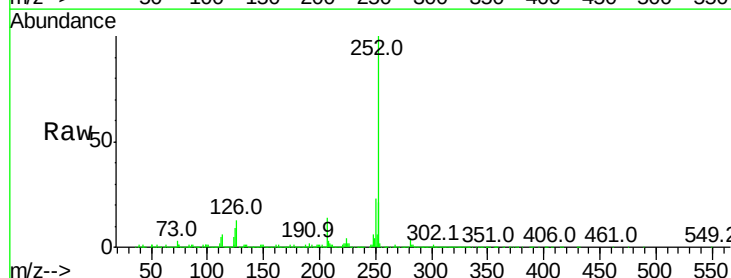
Tgt Ion:252 Resp: 1277625

Ion Ratio Lower Upper

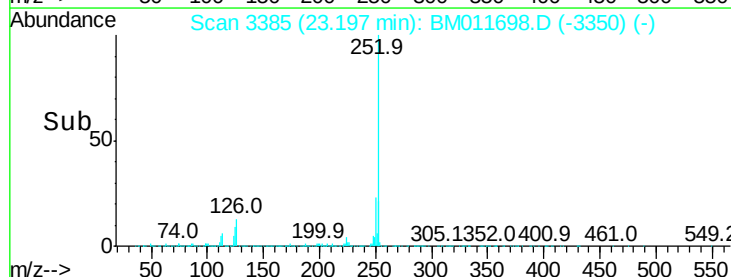
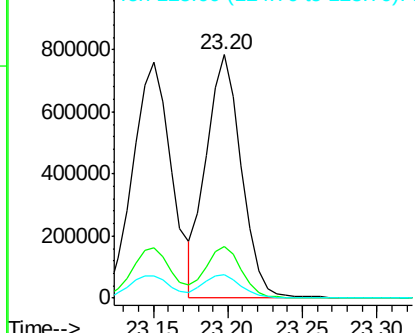
252 100

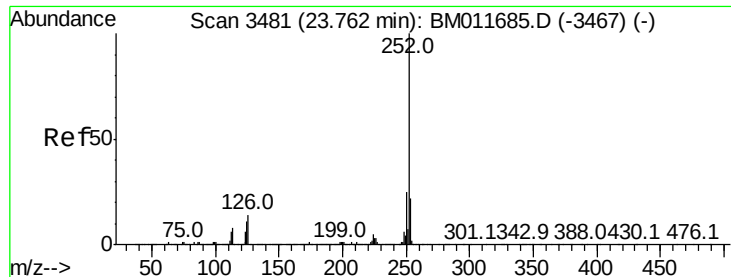
253 21.4 17.1 25.7

125 9.4 5.4 8.0#



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

Benzo(a)pyrene

Concen: 20.012 ng/ul

RT: 23.77 min Scan# 3482

Delta R.T. 0.01 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

Instrument :

BNA_M

ClientSampleId :

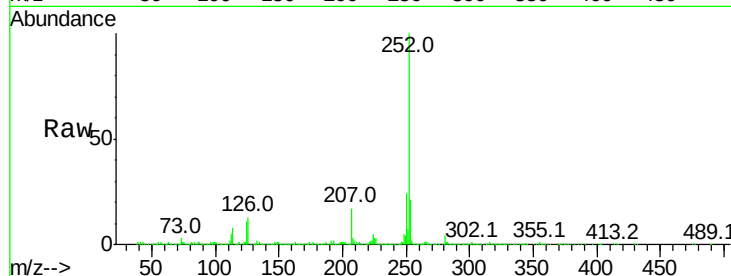
Tot Ion:252 Resp: 1316686

Ion Ratio Lower Upper

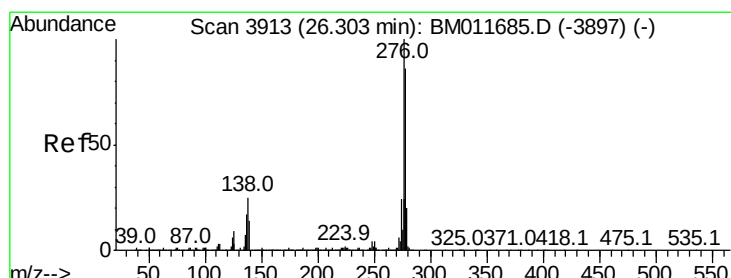
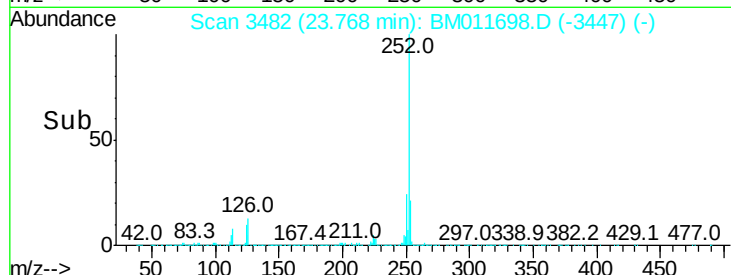
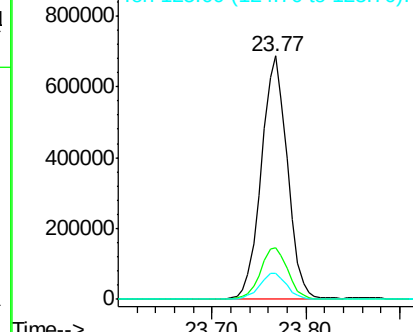
252 100

253 21.0 17.2 25.8

125 10.7 5.8 8.6#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 22.222 ng/ul

RT: 26.30 min Scan# 3913

Delta R.T. 0.00 min

Lab File: BM011698.D

Acq: 22 Sep 2017 18:35

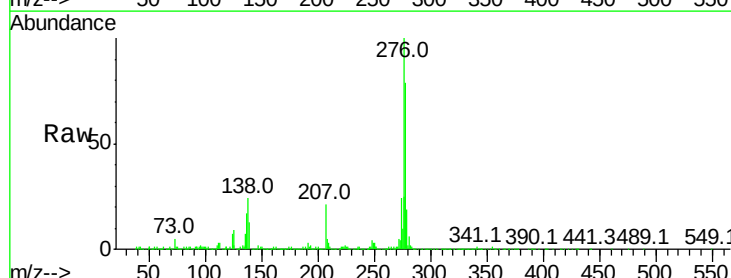
Tgt Ion:276 Resp: 1608348

Ion Ratio Lower Upper

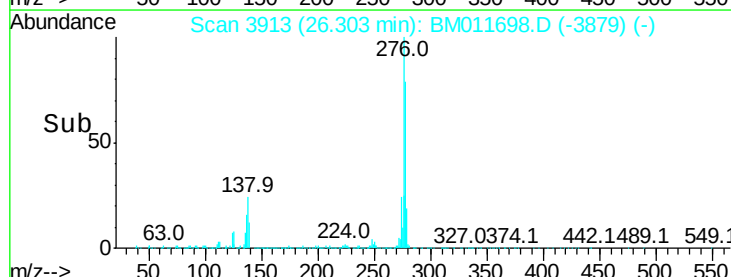
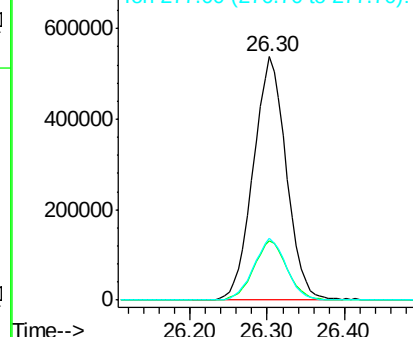
276 100

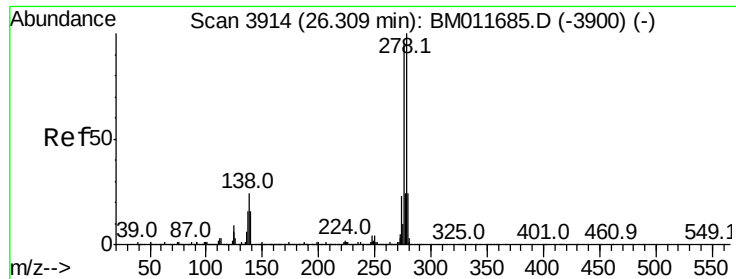
138 24.3 10.9 16.3#

277 25.3 18.9 28.3



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



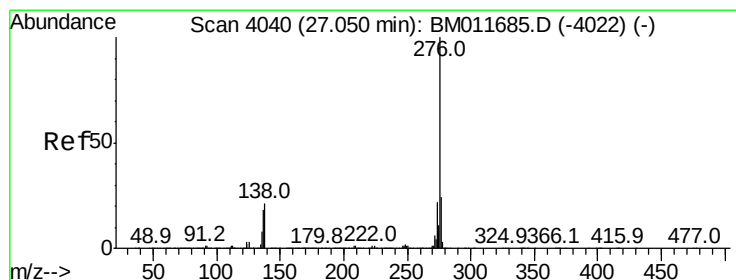
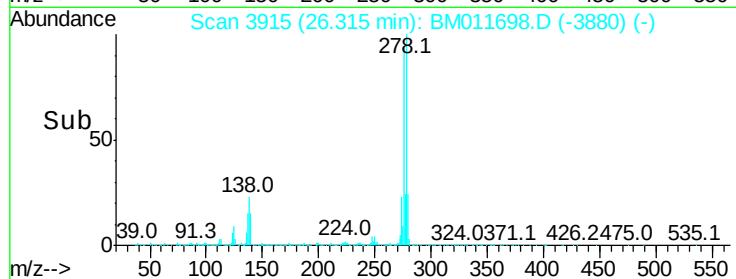
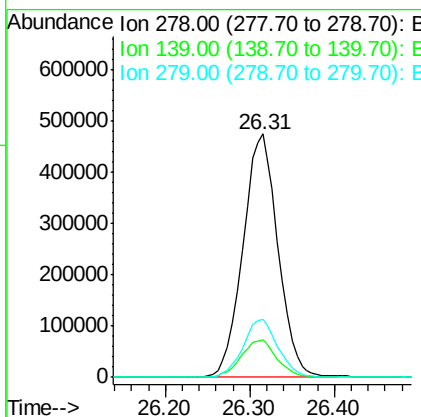
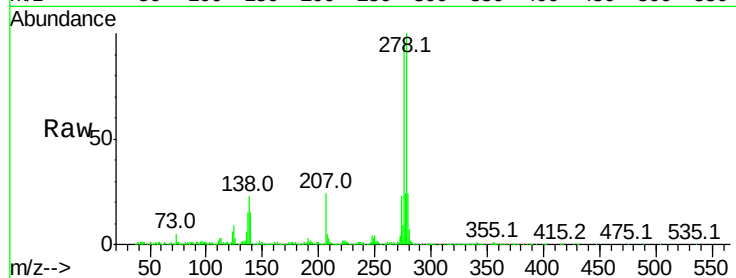


#93

Dibenzo(a,h)anthracene
 Concen: 22.292 ng/ul
 RT: 26.31 min Scan# 3915
 Delta R.T. 0.01 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:278 Resp: 1368083
 Ion Ratio Lower Upper
 278 100
 139 15.5 9.0 13.4#
 279 23.7 19.1 28.7



#94

Benzo(g,h,i)perylene
 Concen: 23.078 ng/ul
 RT: 27.05 min Scan# 4040
 Delta R.T. 0.00 min
 Lab File: BM011698.D
 Acq: 22 Sep 2017 18:35

Tgt Ion:276 Resp: 1352716
 Ion Ratio Lower Upper
 276 100
 138 20.5 11.2 16.8#
 277 23.9 19.0 28.6

