

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042517\
 Data File : BM009708.D
 Acq On : 25 Apr 2017 15:25
 Operator : SJ/MA
 Sample : I2779-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2933

Quant Time: Apr 26 03:31:30 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 25 13:32:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	130803	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	583248	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	396975	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	992035	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1299049	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1116193	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	13666	4.81	ng/uL	0.00
5) Phenol-d5	6.99	99	381278	26.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	265808	27.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	255954	28.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	288070	26.00	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	134432	28.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	143668	28.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	297193	29.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	356061	29.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1029832	29.82	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1241353	29.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	180038	27.02	ng/ul	0.00
57) Fluorene-d10	15.47	176	927405	29.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	161102	23.02	ng/ul	0.00
70) Anthracene-d10	17.32	188	1529111	30.02	ng/ul	0.00
76) Pyrene-d10	19.62	212	1787214	31.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1654226	30.47	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	58987	16.84	ng/uL#	74
8) Bis(2-Chloroethyl)ether	7.25	93	433284	39.28	ng/ul#	82
10) 2-Chlorophenol	7.39	128	349892	37.80	ng/ul#	77
12) 2,2'-oxybis(1-Chloropropan	8.35	45	578347	31.40	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.63	70	233270	20.61	ng/ul#	84
17) Hexachloroethane	8.90	117	131050	30.49	ng/ul	94
20) Nitrobenzene	9.03	77	498118	32.31	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.03	93	440203	27.82	ng/ul	98
27) 2,4-Dichlorophenol	10.27	162	328350	33.35	ng/ul	94
28) Naphthalene	10.67	128	776297	24.99	ng/ul	97
31) Hexachlorobutadiene	10.94	225	142003	20.65	ng/ul	97
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	172537	12.82	ng/ul#	96
37) Hexachlorocyclopentadiene	12.62	237	182505	25.38	ng/ul	98
38) 2,4,6-Trichlorophenol	12.90	196	430979	47.13	ng/ul	93
39) 2,4,5-Trichlorophenol	12.96	196	268803	28.51	ng/ul	95
41) 2-Chloronaphthalene	13.35	162	661826	26.36	ng/ul	93
44) Dimethylphthalate	13.93	163	1212025	35.48	ng/ul	98
45) 2,6-Dinitrotoluene	14.06	165	124146	18.10	ng/ul#	74
47) Acenaphthylene	14.20	152	922949	22.47	ng/ul	97
49) Acenaphthene	14.54	153	546690	19.58	ng/ul	99
53) Dibenzofuran	14.87	168	894185	21.86	ng/ul	91
54) 2,4-Dinitrotoluene	14.84	165	147514	14.27	ng/ul#	74
56) Diethylphthalate	15.29	149	894560	24.02	ng/ul	98

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

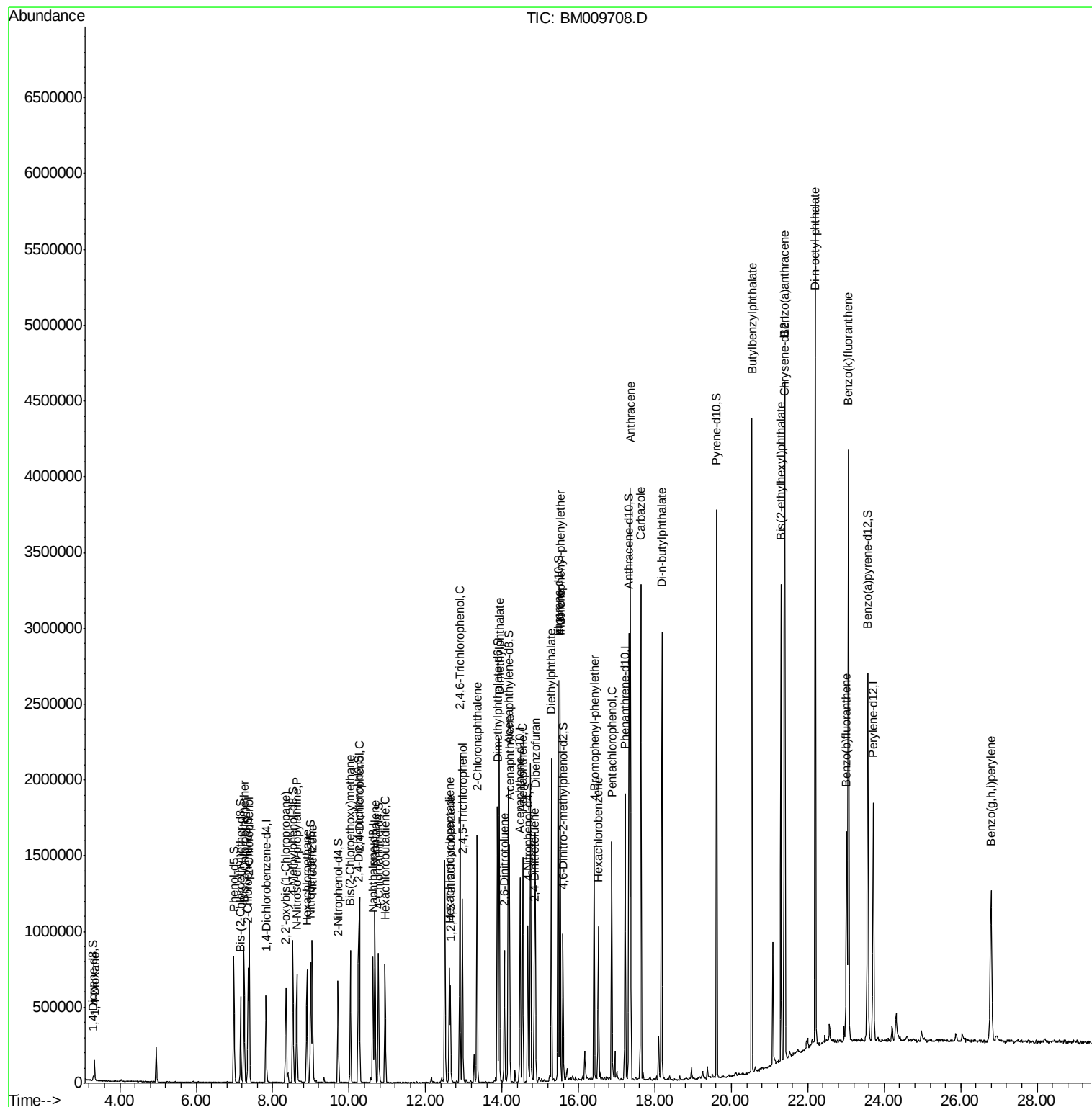
58) Fluorene	15.52	166	786541	22.53	ng/ul	94
59) 4-Chlorophenyl-phenylether	15.52	204	243331	13.45	ng/ul#	92
65) 4-Bromophenyl-phenylether	16.41	248	233755	20.63	ng/ul#	89
66) Hexachlorobenzene	16.52	284	173947	14.03	ng/ul	97
68) Pentachlorophenol	16.87	266	231231	30.26	ng/ul	94
71) Anthracene	17.36	178	2174073	36.44	ng/ul	97
72) Carbazole	17.63	167	1795296	33.44	ng/ul	98
73) Di-n-butylphthalate	18.18	149	1901889	29.08	ng/ul#	97
78) Butylbenzylphthalate	20.53	149	1007085	33.10	ng/ul	89
80) Benzo(a)anthracene	21.39	228	2010536	26.10	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.30	149	907280	19.68	ng/ul	99
84) Di-n-octyl phthalate	22.19	149	3034482	37.21	ng/ul	94
85) Benzo(b)fluoranthene	23.01	252	940093	12.97	ng/ul#	96
86) Benzo(k)fluoranthene	23.06	252	2649260	39.91	ng/ul#	97
91) Benzo(g,h,i)perylene	26.80	276	1235917	21.06	ng/ul#	95

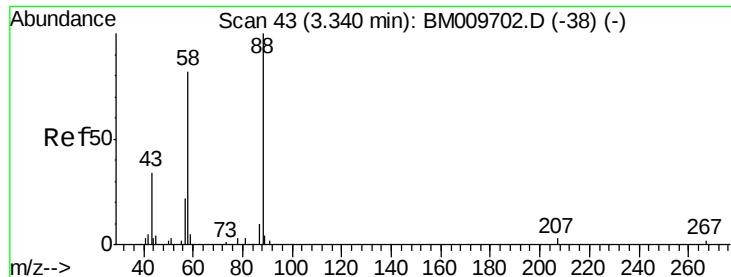
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 16.84 ng/uL

RT: 3.34 min Scan# 43

Delta R.T. 0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

Instrument :

BNA_M

ClientSampled :

X2933

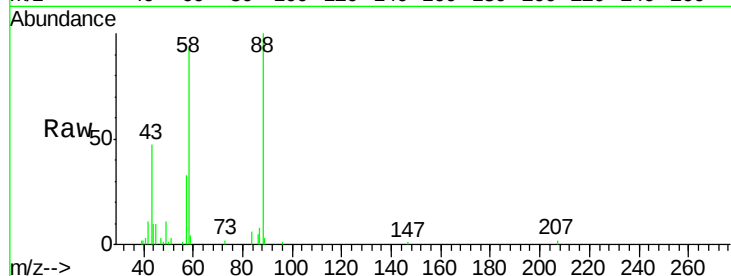
Tgt Ion: 88 Resp: 58987

Ion Ratio Lower Upper

88 100

43 43.7 59.0 88.4#

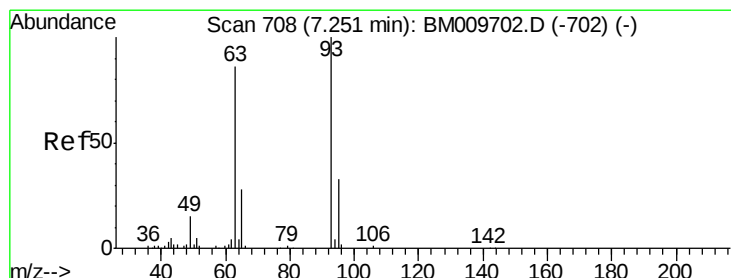
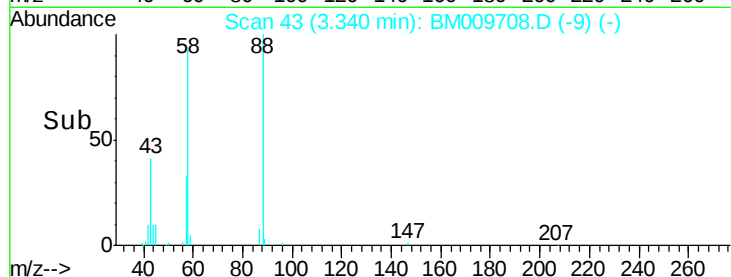
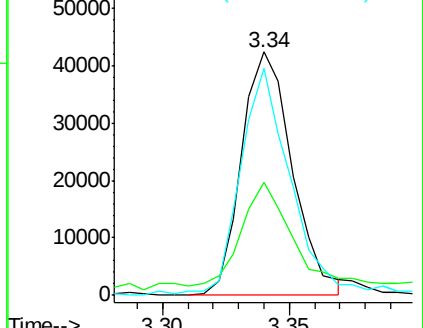
58 89.1 87.4 131.2



Abundance Ion 88.00 (87.70 to 88.70): BM009708.D (-38) (-)

Ion 43.00 (42.70 to 43.70): BM009708.D (-38) (-)

Ion 58.00 (57.70 to 58.70): BM009708.D (-38) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 39.28 ng/uL

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

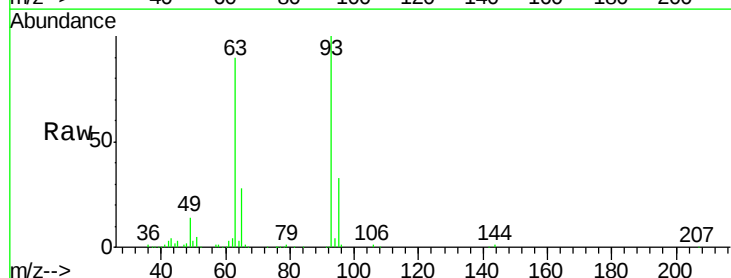
Tgt Ion: 93 Resp: 433284

Ion Ratio Lower Upper

93 100

63 89.6 92.0 138.0#

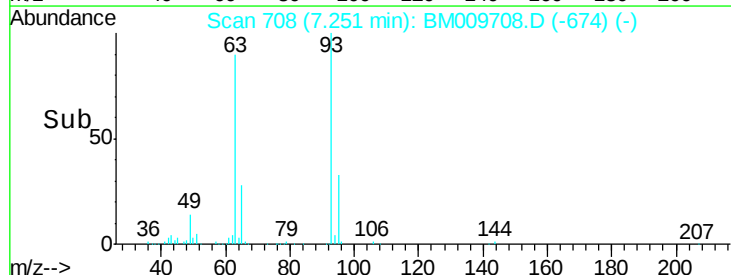
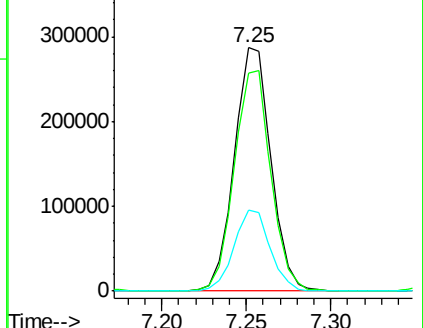
95 33.3 26.7 40.1

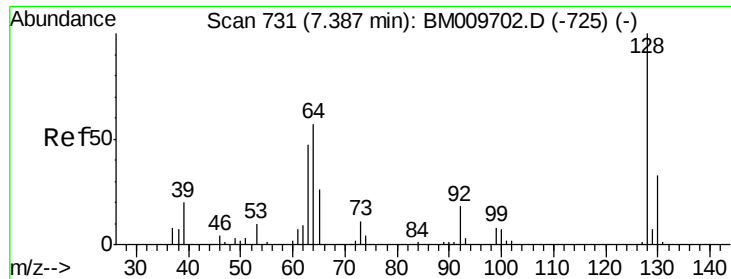


Abundance Ion 93.00 (92.70 to 93.70): BM009708.D (-702) (-)

Ion 63.00 (62.70 to 63.70): BM009708.D (-702) (-)

Ion 95.00 (94.70 to 95.70): BM009708.D (-702) (-)

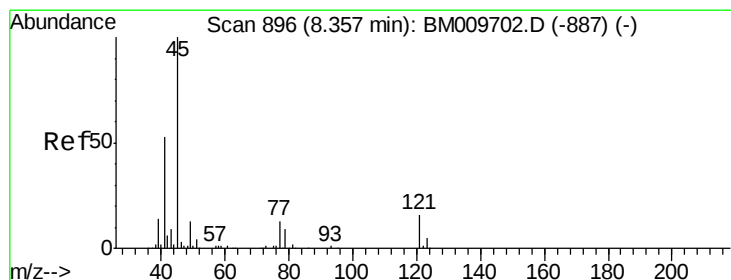
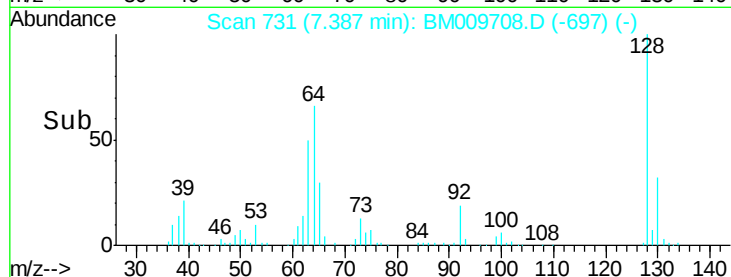
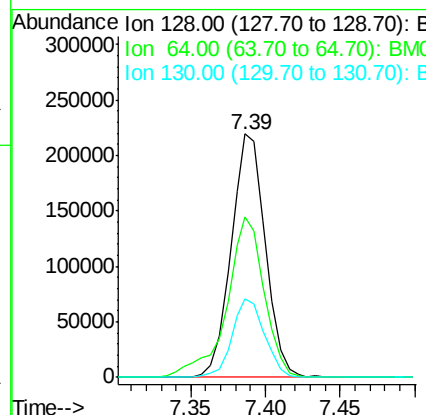
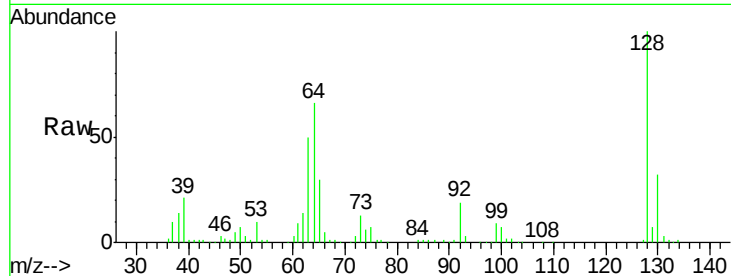




#10
 2-Chlorophenol
 Concen: 37.80 ng/ul
 RT: 7.39 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BM009708.D
 Acq: 25 Apr 2017 15:25

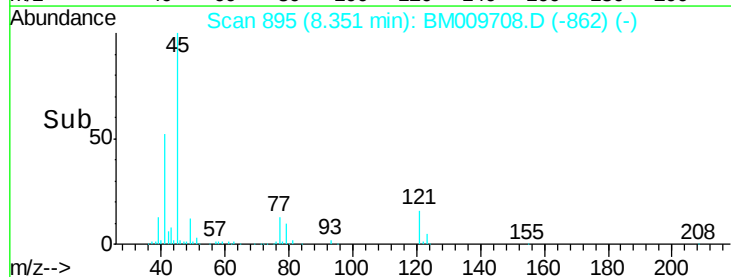
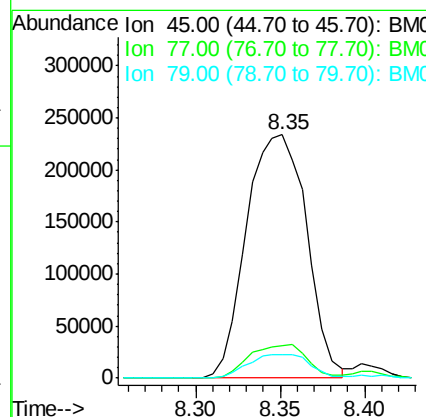
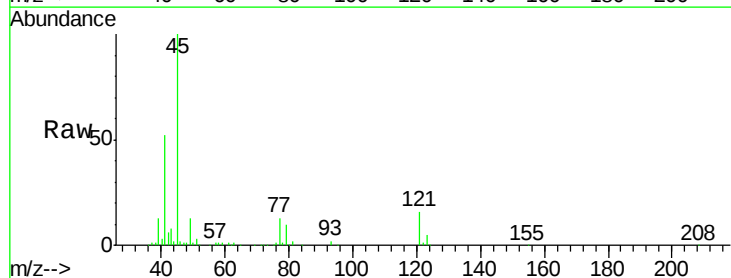
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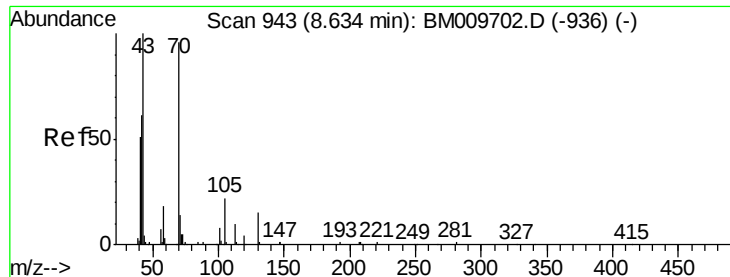
Tgt Ion: 128 Resp: 349892
 Ion Ratio Lower Upper
 128 100
 64 65.7 76.6 115.0#
 130 32.4 26.5 39.7



#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 31.40 ng/ul
 RT: 8.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BM009708.D
 Acq: 25 Apr 2017 15:25

Tgt Ion: 45 Resp: 578347
 Ion Ratio Lower Upper
 45 100
 77 13.1 11.9 17.9
 79 9.6 9.7 14.5#

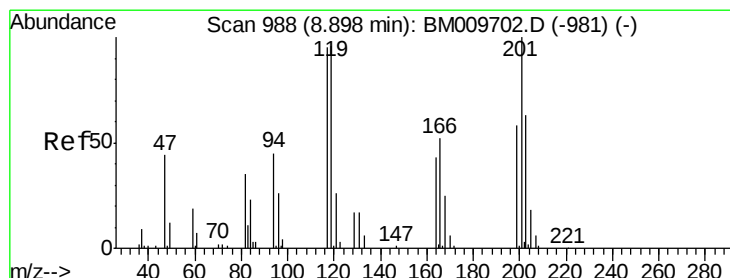
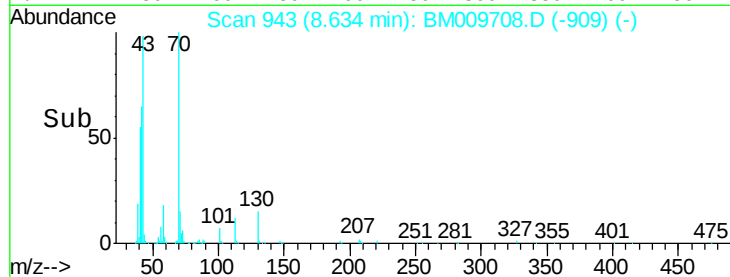
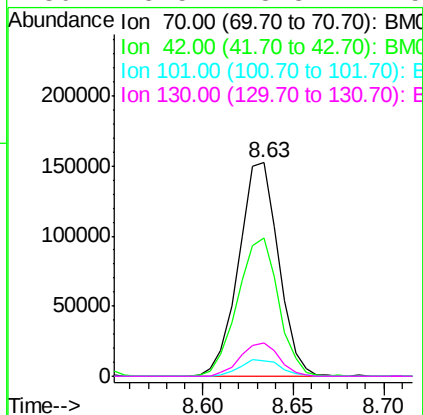
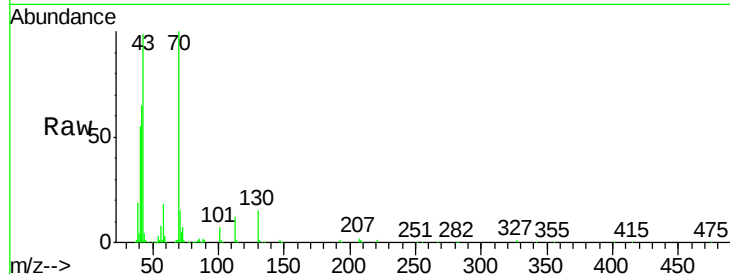




#15
N-Nitroso-di-n-propylamine
Concen: 20.61 ng/ul
RT: 8.63 min Scan# 943
Delta R.T. -0.00 min
Lab File: BM009708.D
Acq: 25 Apr 2017 15:25

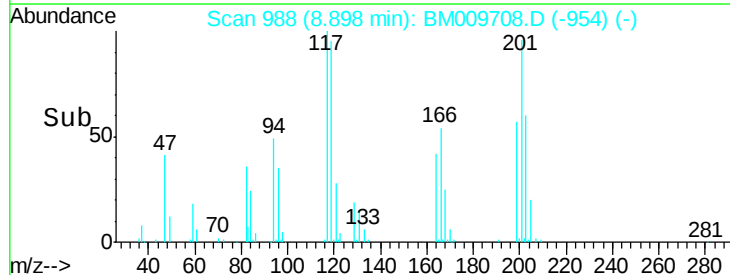
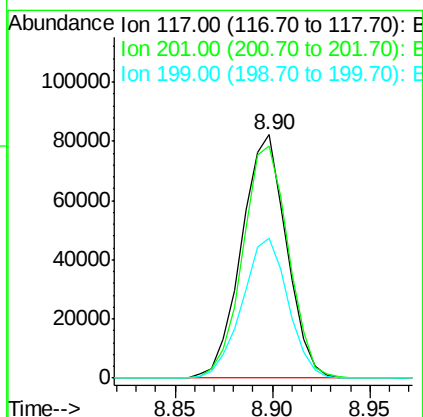
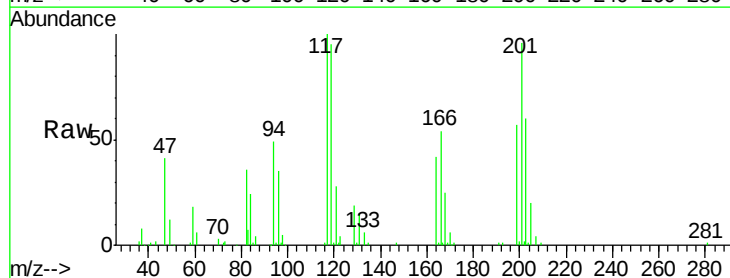
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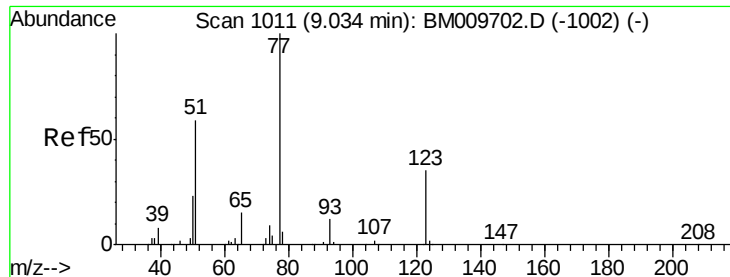
Tgt Ion: 70 Resp: 233270
Ion Ratio Lower Upper
70 100
42 64.9 64.2 96.2
101 7.3 5.1 7.7
130 15.5 8.3 12.5#



#17
Hexachloroethane
Concen: 30.49 ng/ul
RT: 8.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BM009708.D
Acq: 25 Apr 2017 15:25

Tgt Ion: 117 Resp: 131050
Ion Ratio Lower Upper
117 100
201 95.5 71.0 106.6
199 57.4 47.8 71.8

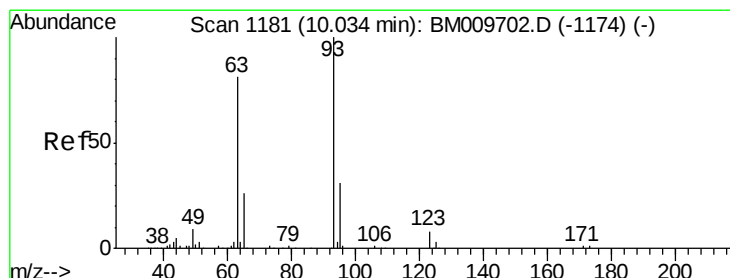
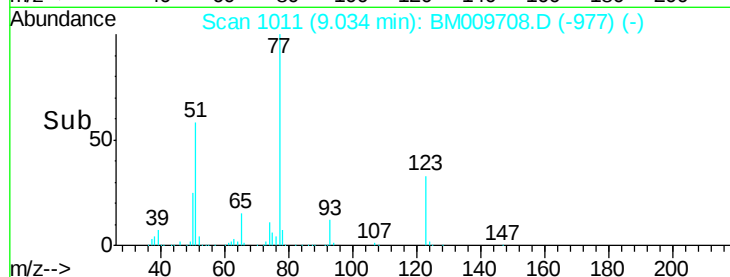
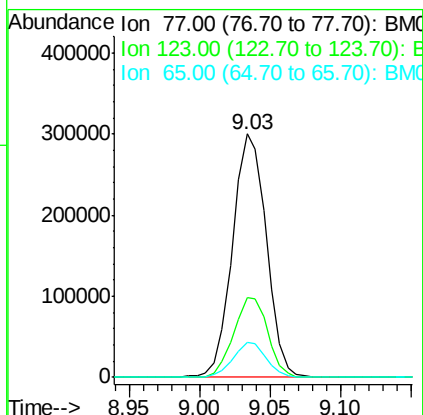
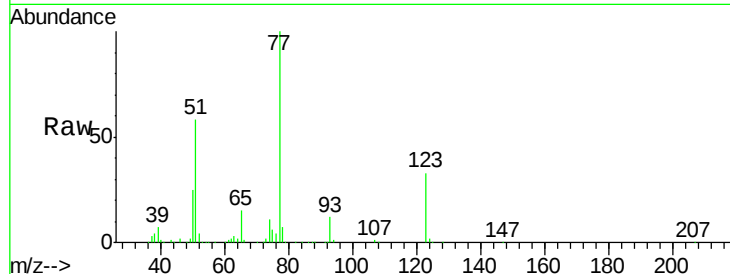




#20
 Nitrobenzene
 Concen: 32.31 ng/ul
 RT: 9.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BM009708.D
 Acq: 25 Apr 2017 15:25

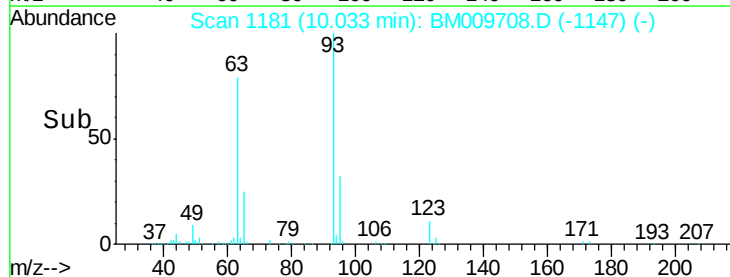
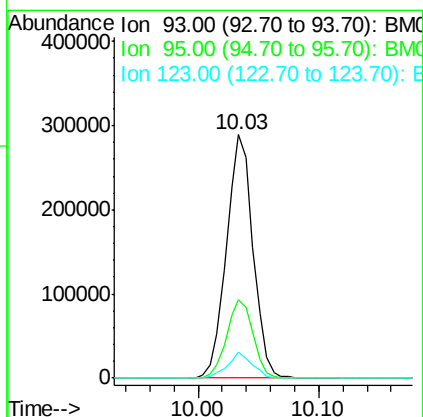
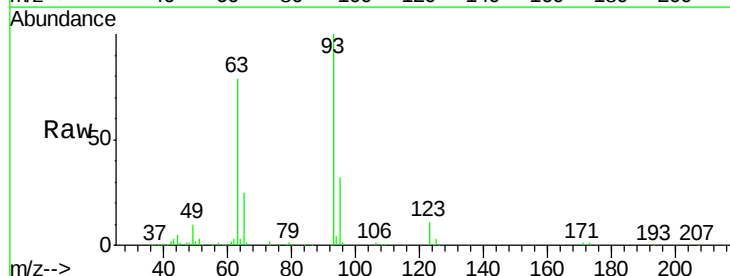
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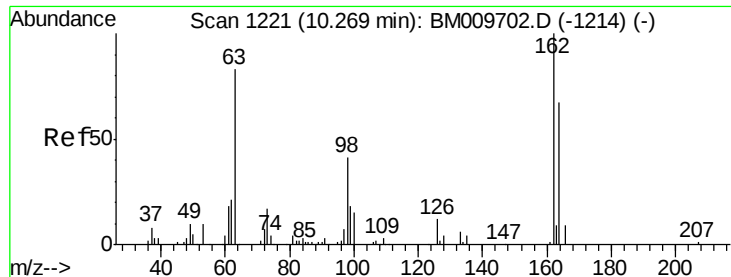
Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.0	20.8	31.2#
65	14.5	14.7	22.1#



#25
 Bis(2-Chloroethoxy)methane
 Concen: 27.82 ng/ul
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BM009708.D
 Acq: 25 Apr 2017 15:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	27.0	40.6
123	10.6	7.5	11.3

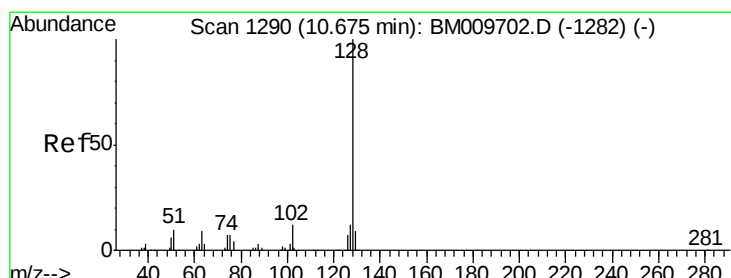
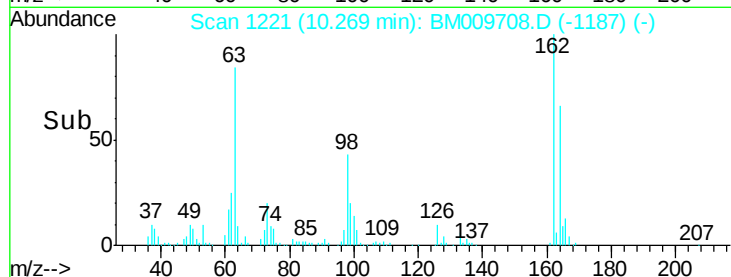
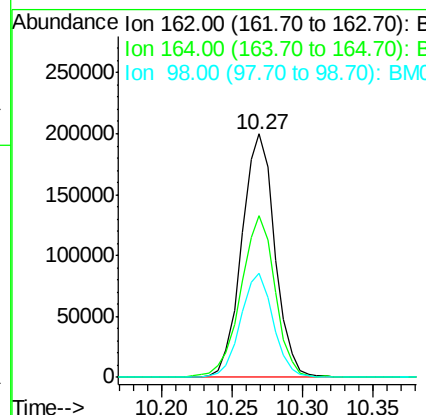
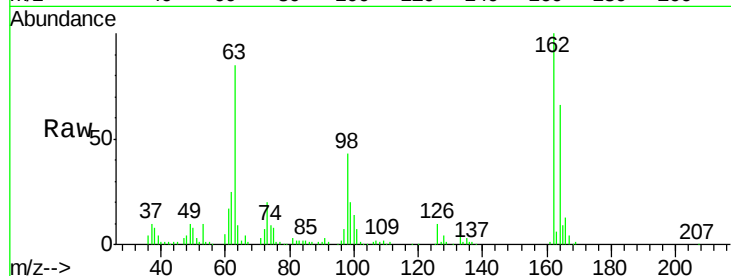




#27
2,4-Dichlorophenol
Concen: 33.35 ng/ul
RT: 10.27 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BM009708.D
Acq: 25 Apr 2017 15:25

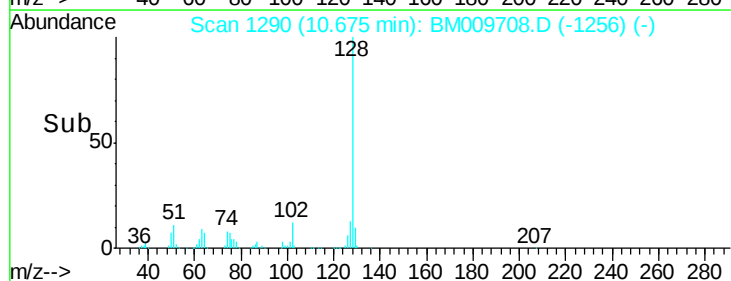
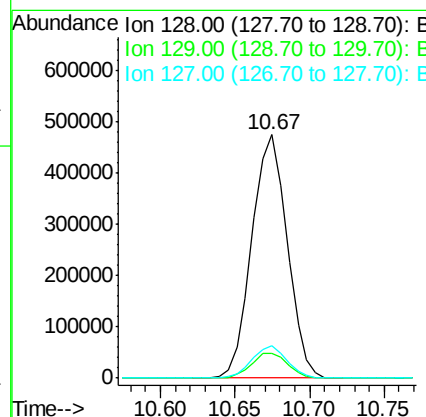
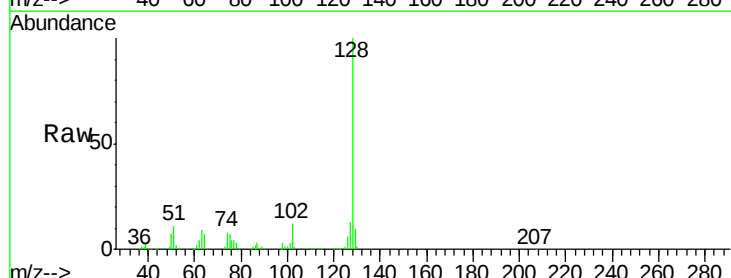
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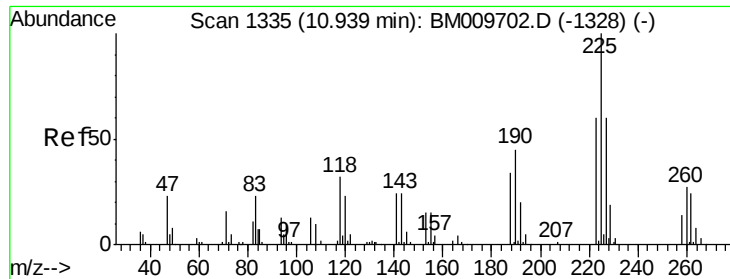
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.3	52.9	79.3
98	43.0	42.0	63.0



#28
Naphthalene
Concen: 24.99 ng/ul
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM009708.D
Acq: 25 Apr 2017 15:25

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.7	14.5
127	13.2	10.2	15.4





#31

Hexachlorobutadiene

Concen: 20.65 ng/u1

RT: 10.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BM009708.D

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BNA_M

ClientSampleId :

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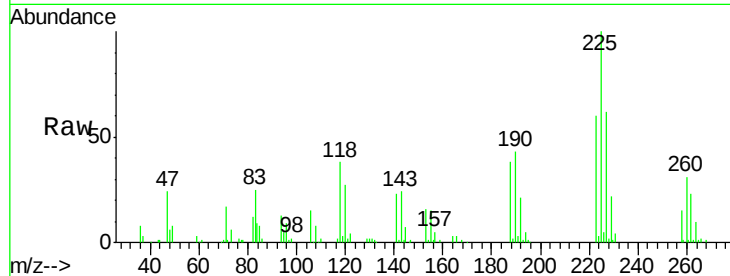
Tgt Ion:225 Resp: 142003

Ion Ratio Lower Upper

225 100

223 60.1 50.4 75.6

227 61.9 51.0 76.4

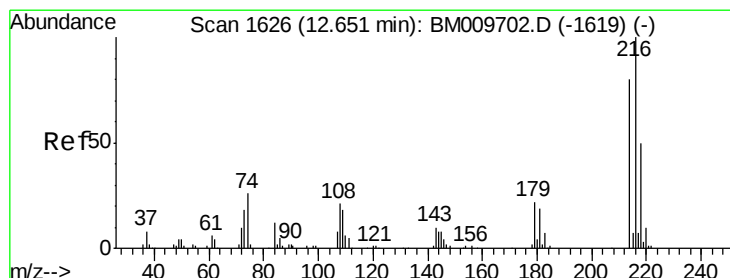
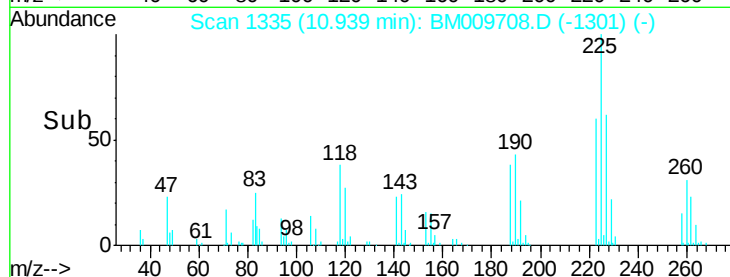
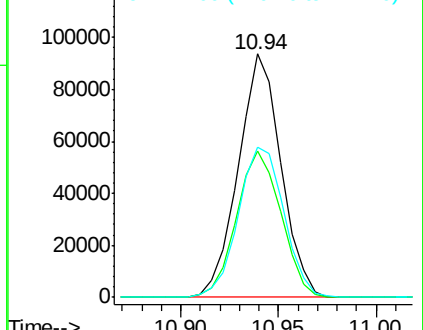


Abundance

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



#36

1,2,4,5-Tetrachlorobenzene

Concen: 12.82 ng/u1

RT: 12.65 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

Tgt Ion:216 Resp: 172537

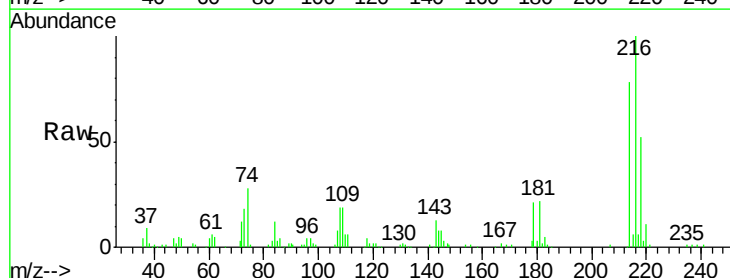
Ion Ratio Lower Upper

216 100

214 78.4 61.1 91.7

179 20.8 17.7 26.5

108 19.3 19.4 29.2#



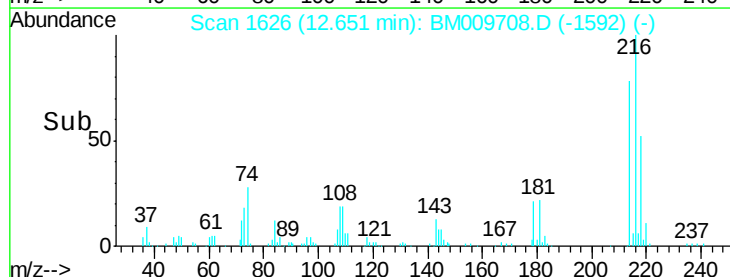
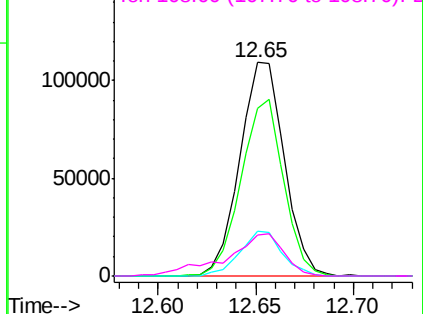
Abundance

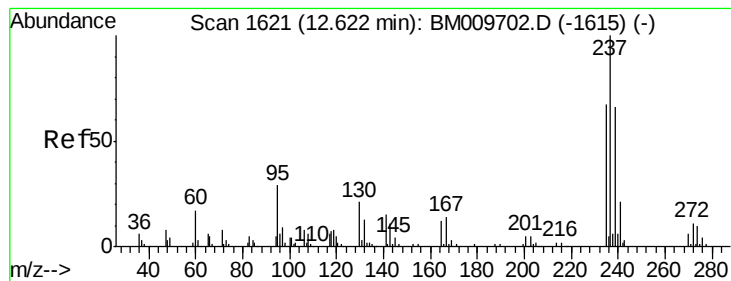
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#37

Hexachlorocyclopentadiene

Concen: 25.38 ng/ul

RT: 12.62 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

Instrument :

BNA_M

ClientSampleId :

X2933

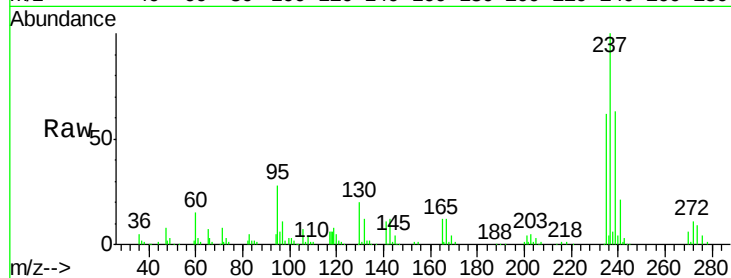
Tgt Ion: 237 Resp: 182505

Ion Ratio Lower Upper

237 100

235 62.2 49.0 73.6

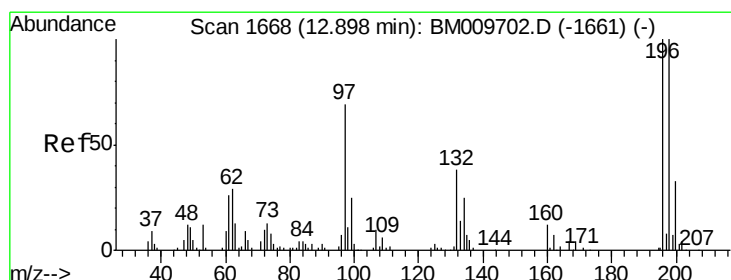
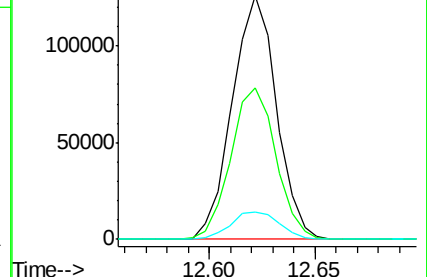
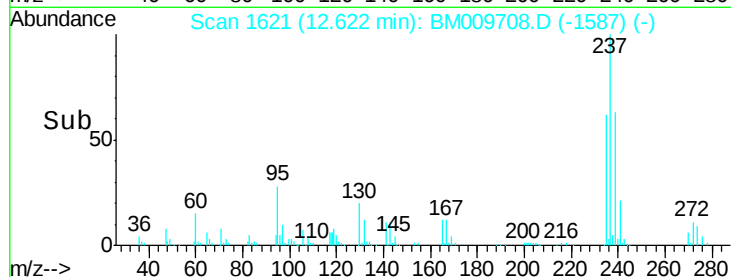
272 11.1 9.8 14.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 47.13 ng/ul

RT: 12.90 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

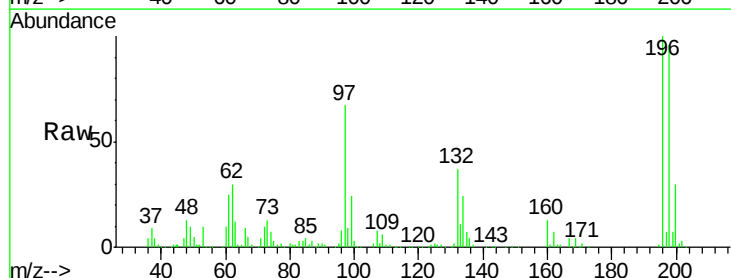
Tgt Ion: 196 Resp: 430979

Ion Ratio Lower Upper

196 100

198 95.7 70.2 105.2

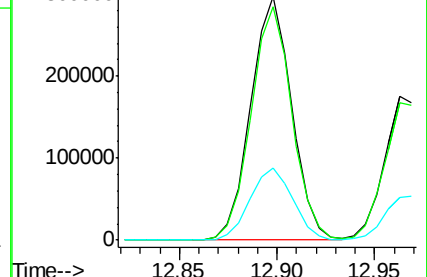
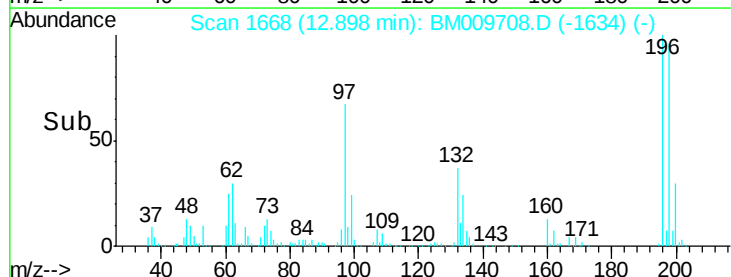
200 29.8 23.8 35.6

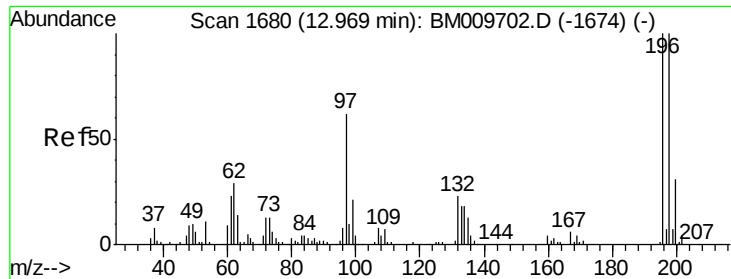


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

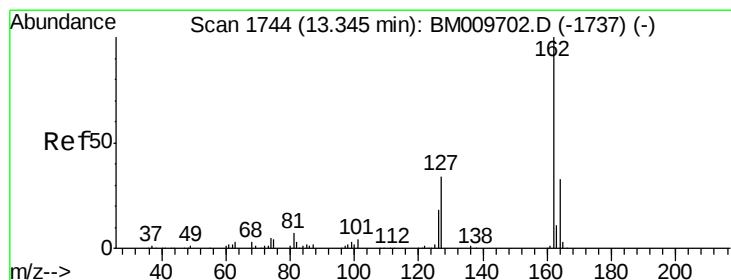
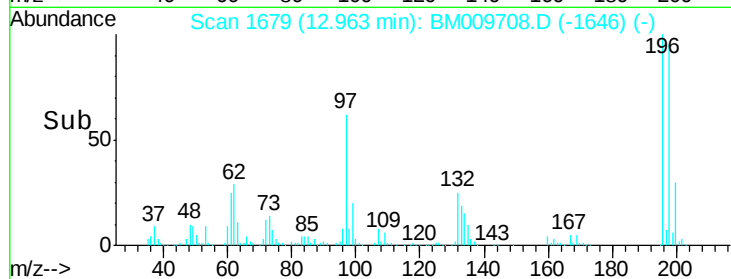
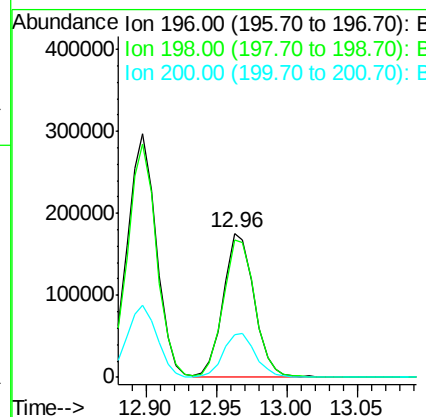
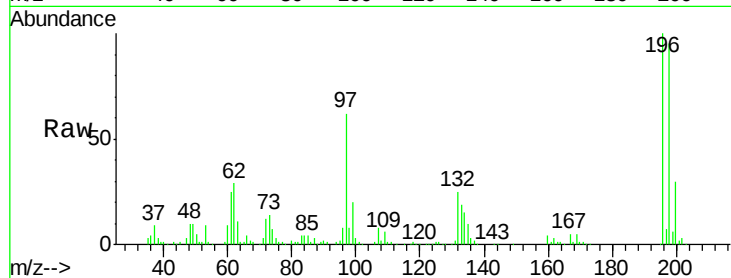




#39
 2,4,5-Trichlorophenol
 Concen: 28.51 ng/ul
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BM009708.D
 Acq: 25 Apr 2017 15:25

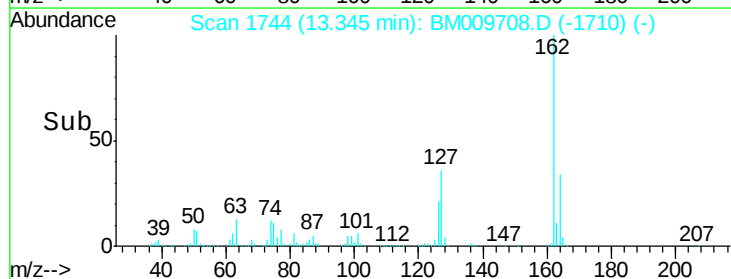
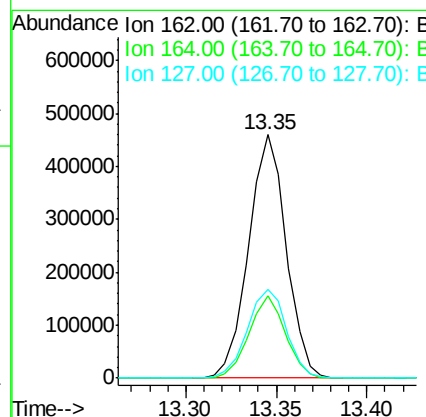
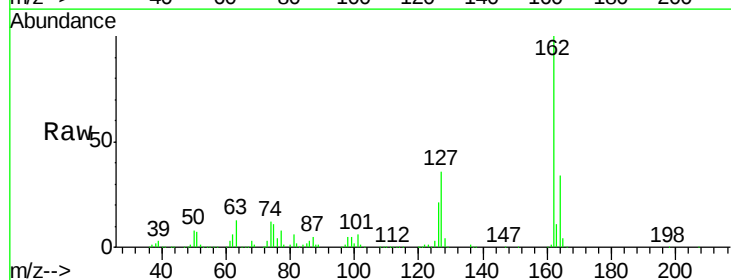
Instrument :
 BNA_M
 ClientSampleId :
 X2933

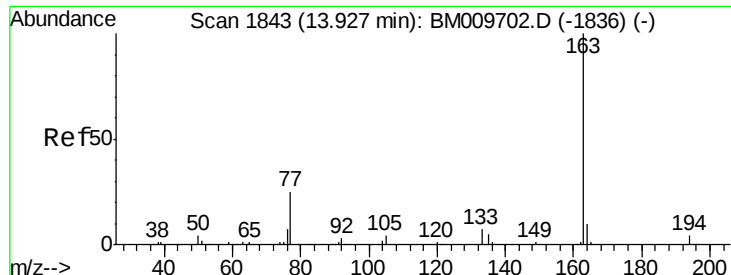
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	72.2	108.4
200	29.6	22.5	33.7



#41
 2-Chloronaphthalene
 Concen: 26.36 ng/ul
 RT: 13.35 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BM009708.D
 Acq: 25 Apr 2017 15:25

Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.6	25.0	37.4
127	36.4	33.7	50.5





#44

Dimethylphthalate

Concen: 35.48 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

Instrument :

BNA_M

ClientSampleId :

X2933

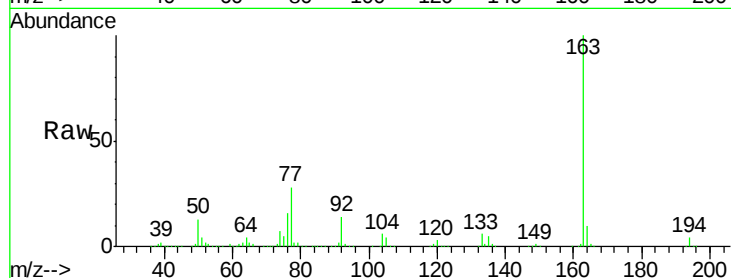
Tgt Ion:163 Resp: 1212025

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

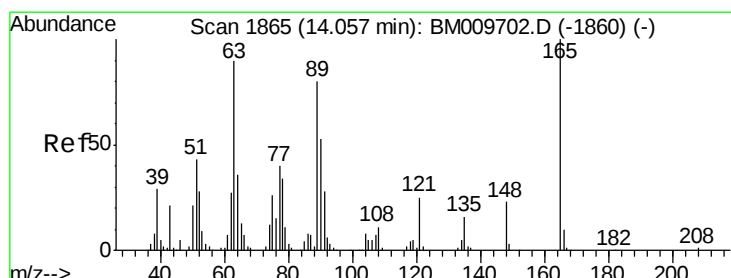
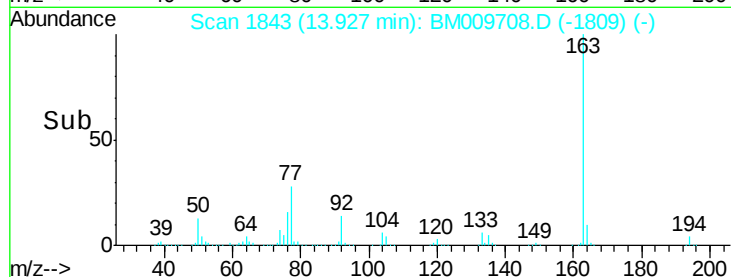
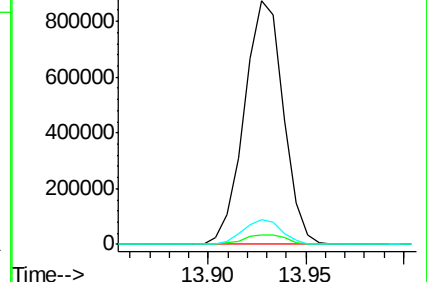
164 10.0 8.6 12.8



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



#45

2,6-Dinitrotoluene

Concen: 18.10 ng/ul

RT: 14.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

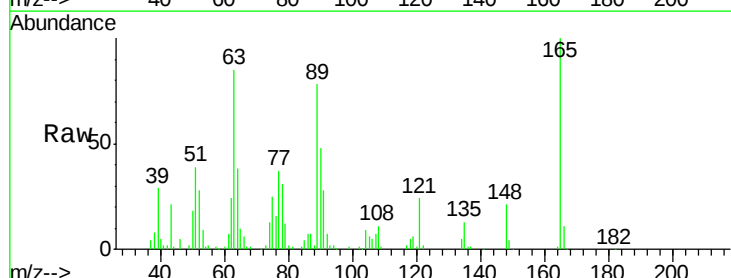
Tgt Ion:165 Resp: 124146

Ion Ratio Lower Upper

165 100

89 78.3 89.4 134.0#

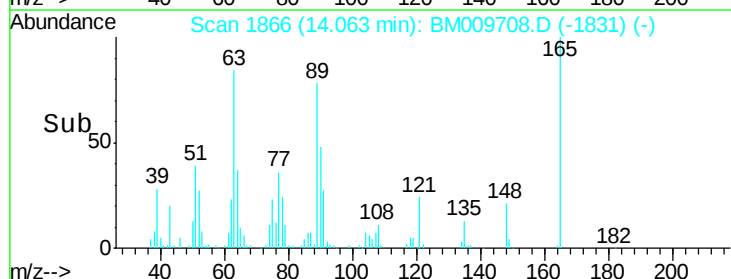
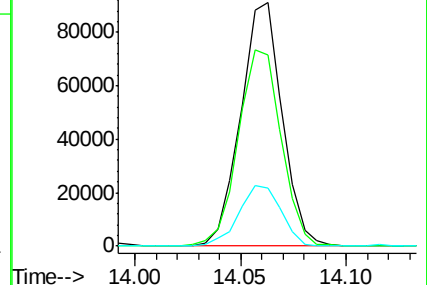
121 23.8 21.6 32.4

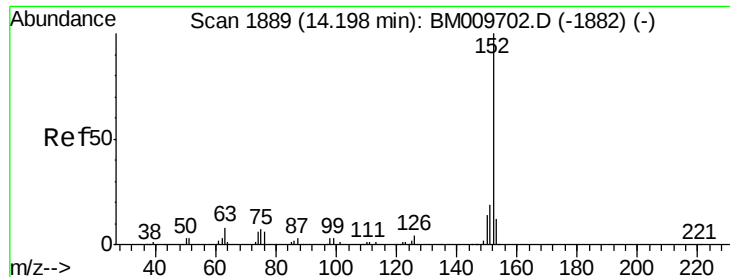


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 22.47 ng/ul

RT: 14.20 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

Instrument :

BNA_M

ClientSampleId :

X2933

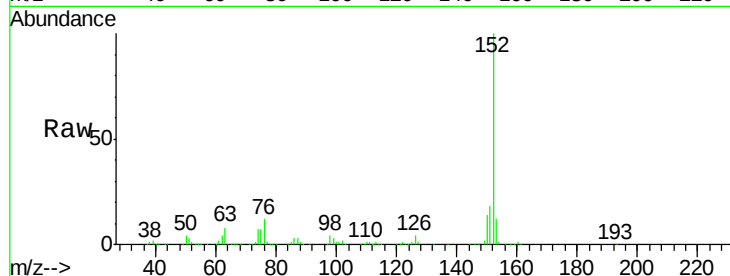
Tgt Ion:152 Resp: 922949

Ion Ratio Lower Upper

152 100

151 18.0 15.8 23.6

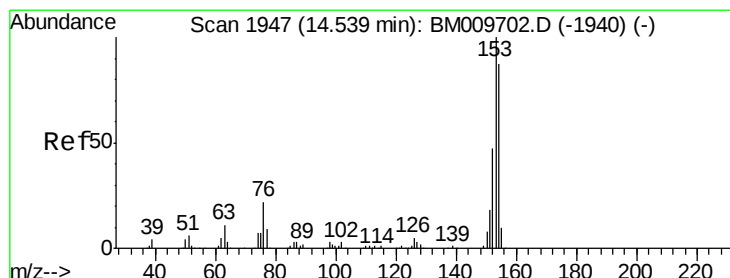
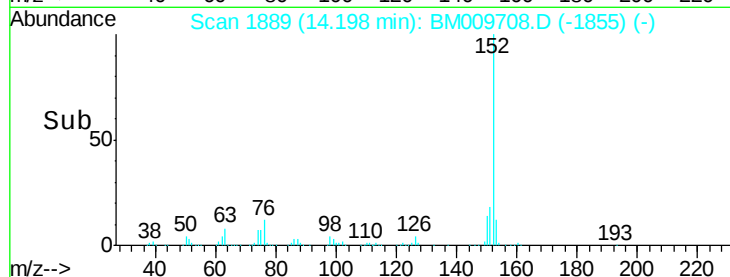
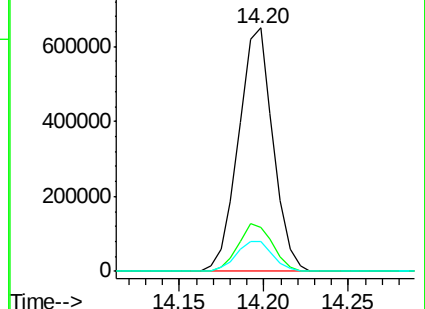
153 12.2 10.5 15.7



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



#49

Acenaphthene

Concen: 19.58 ng/ul

RT: 14.54 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

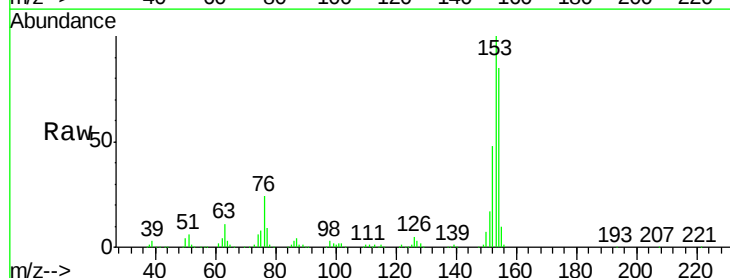
Tgt Ion:153 Resp: 546690

Ion Ratio Lower Upper

153 100

152 47.8 36.7 55.1

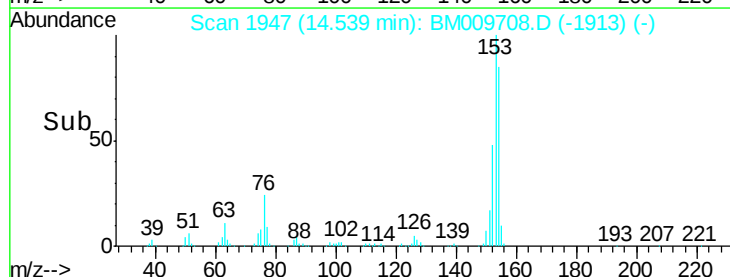
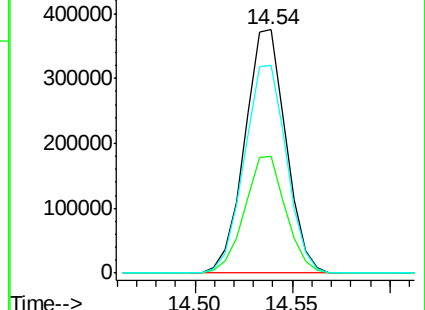
154 85.3 68.3 102.5

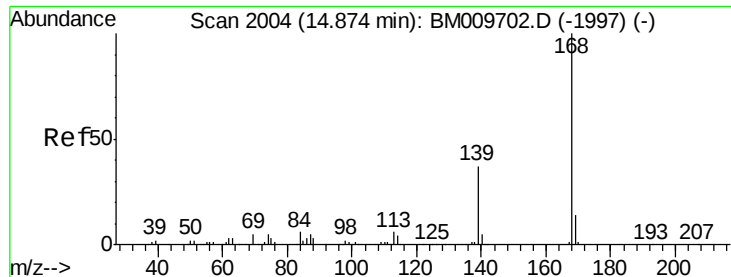


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

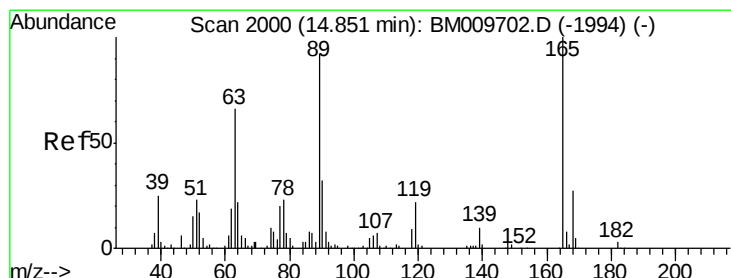
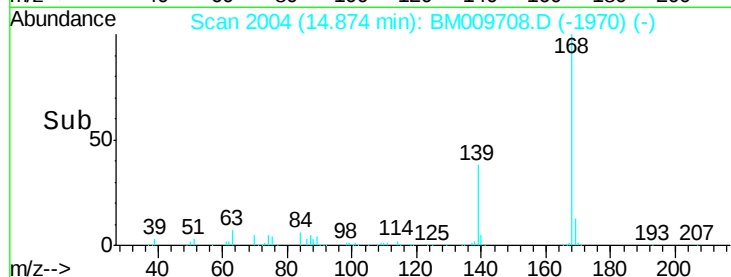
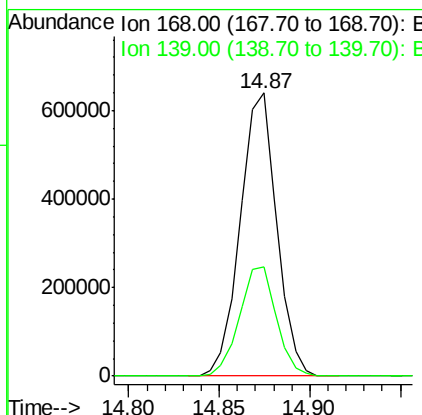
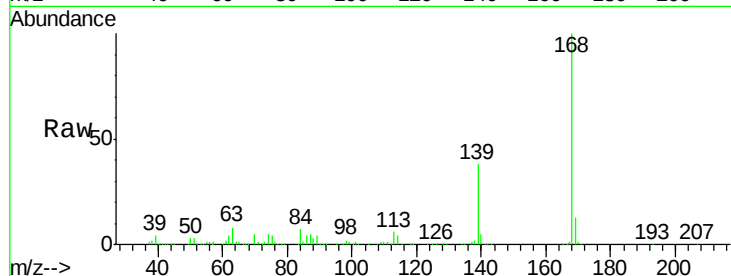




#53
Dibenzenofuran
Concen: 21.86 ng/ul
RT: 14.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BM009708.D
Acq: 25 Apr 2017 15:25

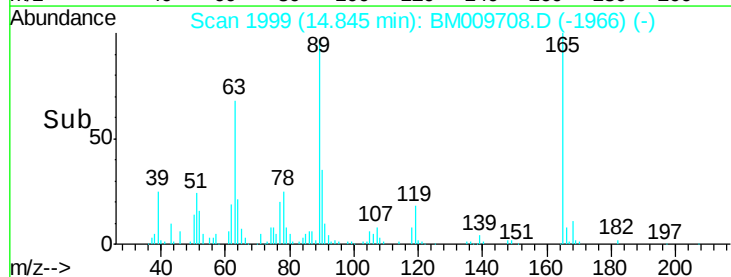
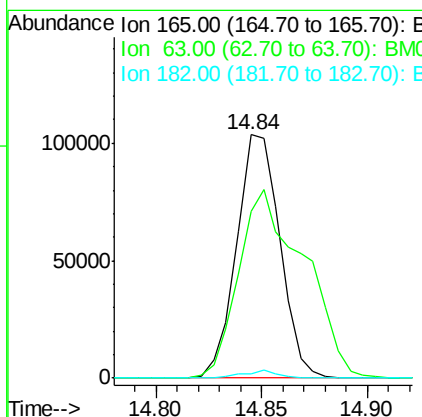
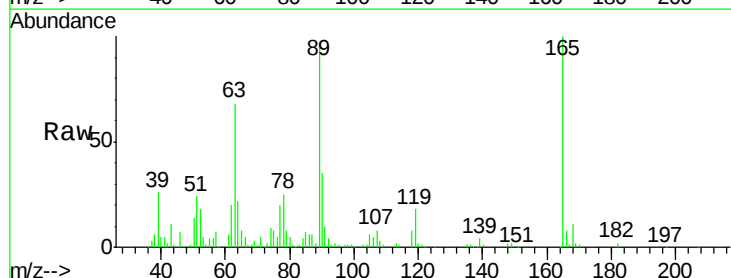
Instrument :
BNA_M
ClientSampleId :
X2933

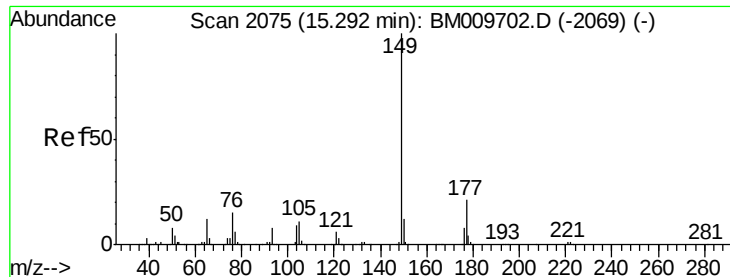
Tgt Ion:168 Resp: 894185
Ion Ratio Lower Upper
168 100
139 38.4 35.6 53.4



#54
2,4-Dinitrotoluene
Concen: 14.27 ng/ul
RT: 14.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BM009708.D
Acq: 25 Apr 2017 15:25

Tgt Ion:165 Resp: 147514
Ion Ratio Lower Upper
165 100
63 68.4 75.7 113.5#
182 1.9 1.7 2.5





#56

Diethylphthalate

Concen: 24.02 ng/ul

RT: 15.29 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

Instrument :

BNA_M

ClientSampleId :

X2933

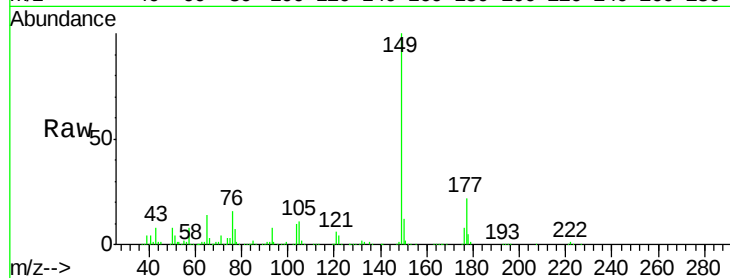
Tgt Ion:149 Resp: 894560

Ion Ratio Lower Upper

149 100

177 22.1 17.3 25.9

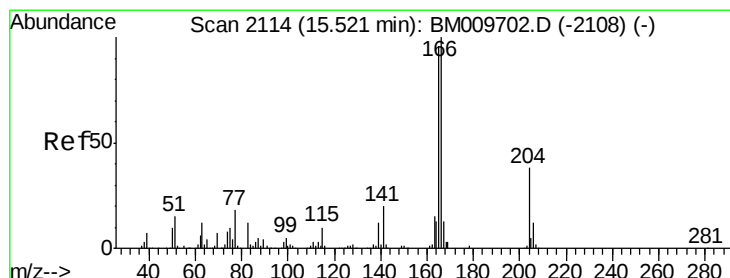
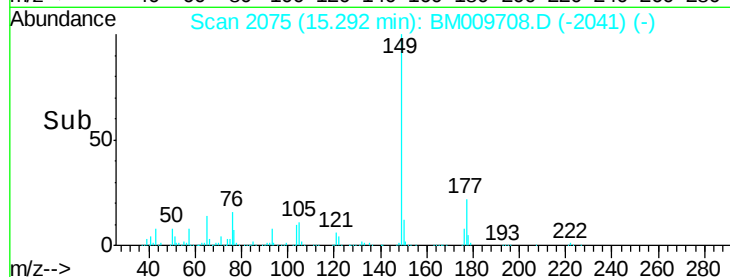
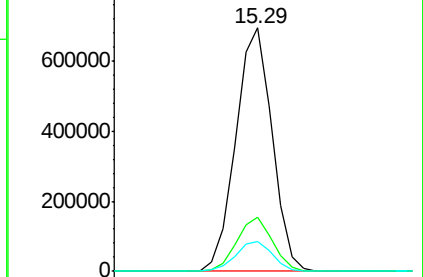
150 12.2 11.0 16.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 22.53 ng/ul

RT: 15.52 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

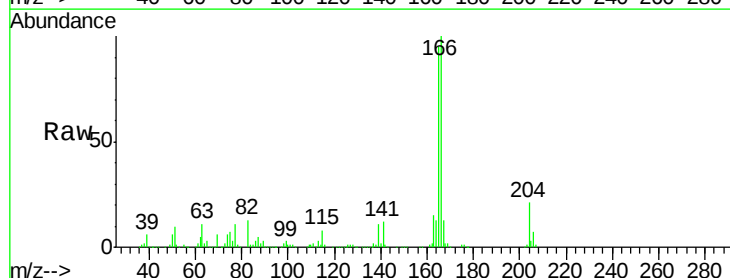
Tgt Ion:166 Resp: 786541

Ion Ratio Lower Upper

166 100

165 95.2 81.0 121.6

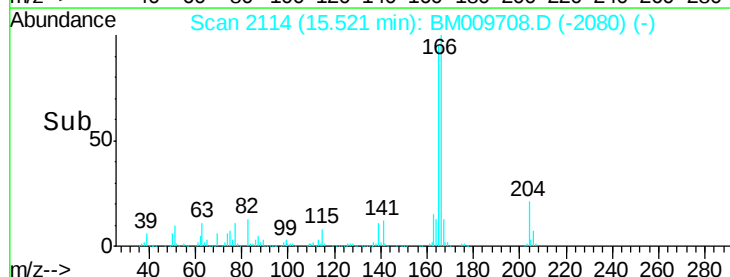
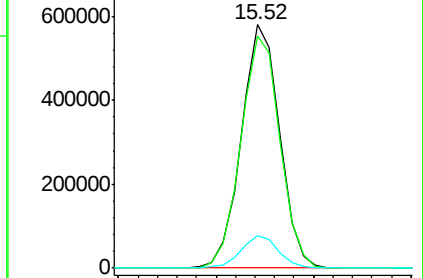
167 13.5 10.5 15.7

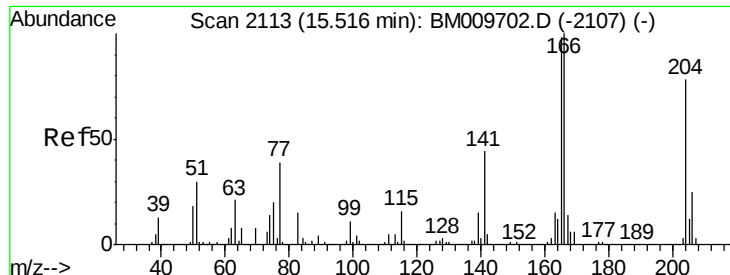


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

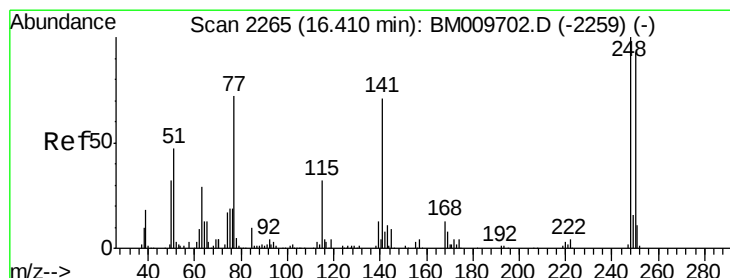
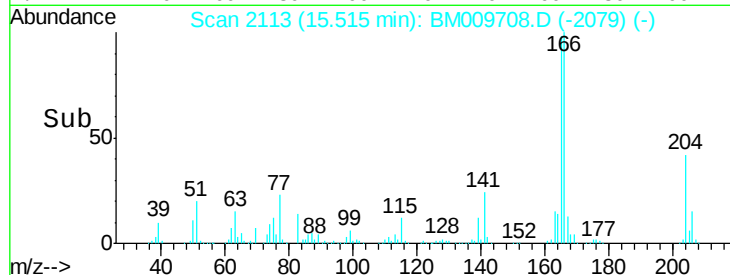
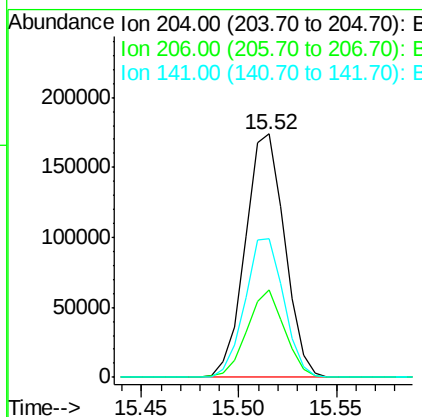
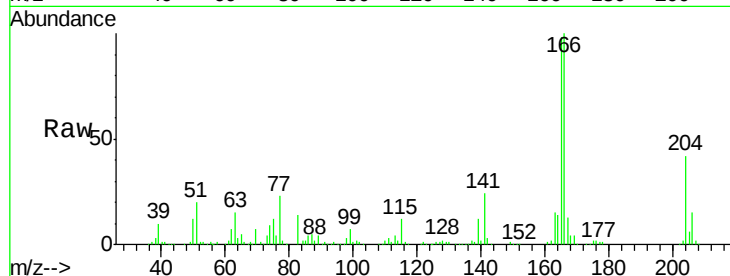




#59
 4-Chlorophenyl-phenylether
 Concen: 13.45 ng/ul
 RT: 15.52 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: BM009708.D
 Acq: 25 Apr 2017 15:25

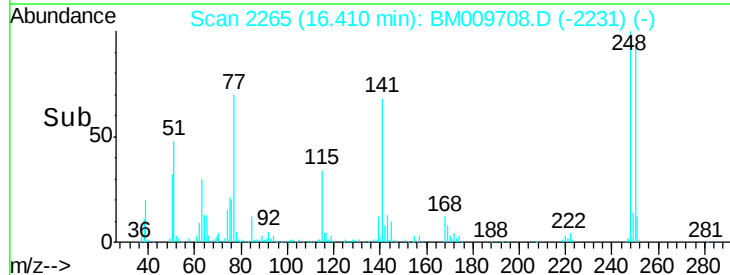
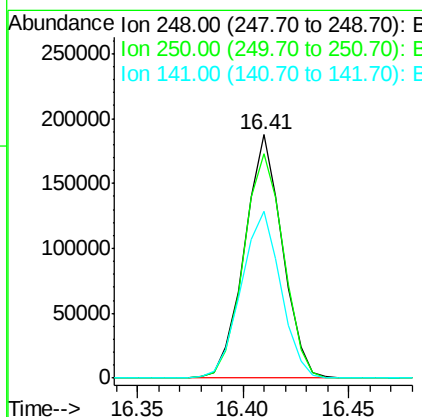
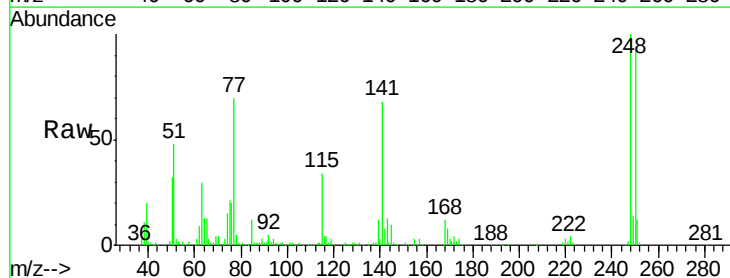
Instrument :
 BNA_M
 ClientSampleId :
 X2933

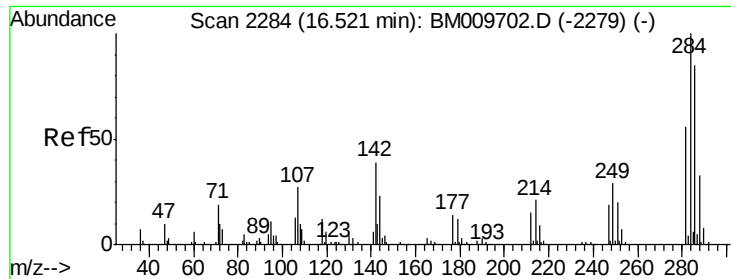
Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.0	22.6	34.0#
141	56.7	48.3	72.5



#65
 4-Bromophenyl-phenylether
 Concen: 20.63 ng/ul
 RT: 16.41 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BM009708.D
 Acq: 25 Apr 2017 15:25

Tgt Ion	Ratio	Lower	Upper
248	100		
250	92.1	74.4	111.6
141	68.4	70.4	105.6#

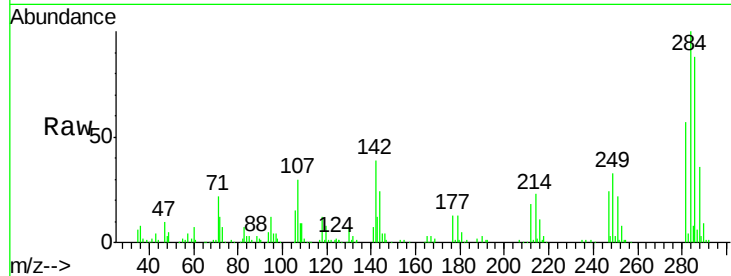




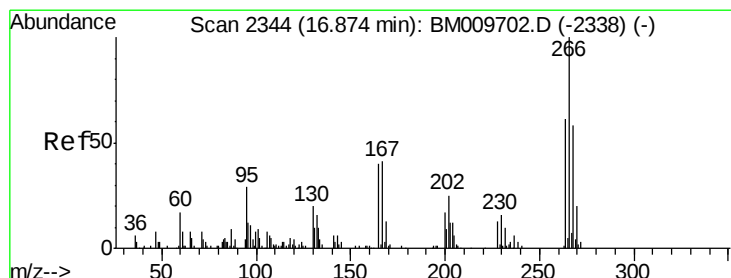
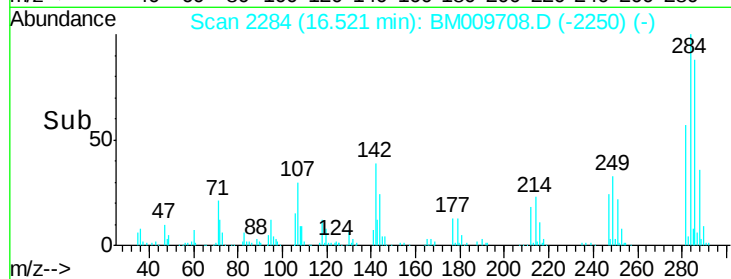
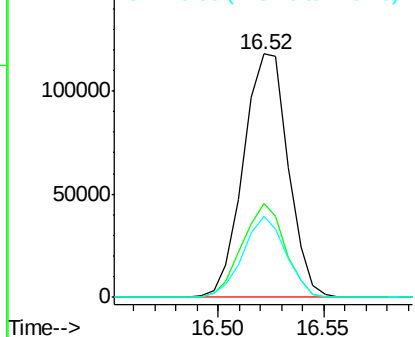
#66
Hexachlorobenzene
Concen: 14.03 ng/ul
RT: 16.52 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BM009708.D
Acq: 25 Apr 2017 15:25

Instrument :
BNA_M
ClientSampleId :
X2933

Tgt Ion:284 Resp: 173947
Ion Ratio Lower Upper
284 100
142 38.7 31.6 47.4
249 33.4 29.0 43.6

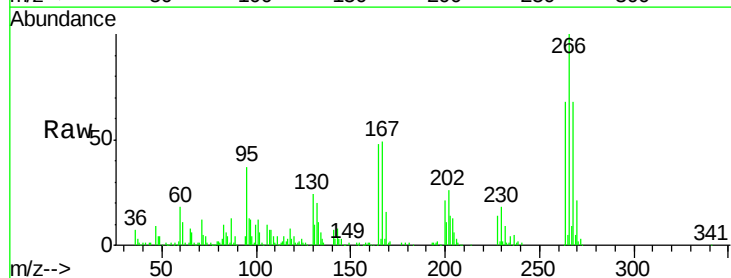


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

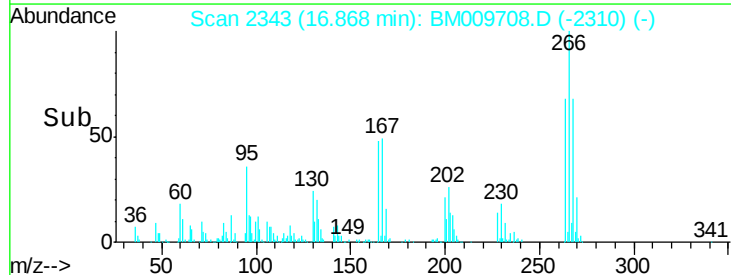
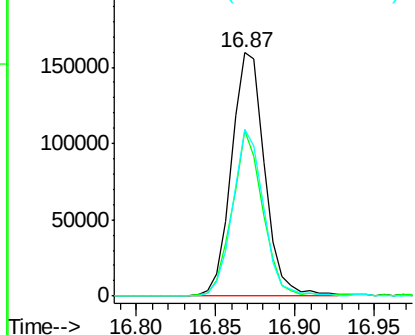


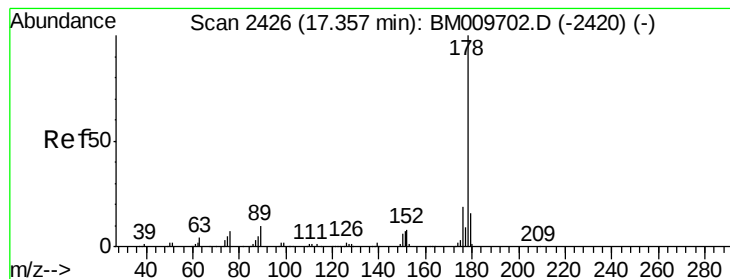
#68
Pentachlorophenol
Concen: 30.26 ng/ul
RT: 16.87 min Scan# 2343
Delta R.T. -0.01 min
Lab File: BM009708.D
Acq: 25 Apr 2017 15:25

Tgt Ion:266 Resp: 231231
Ion Ratio Lower Upper
266 100
264 67.7 54.8 82.2
268 68.4 62.1 93.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#71

Anthracene

Concen: 36.44 ng/ul

RT: 17.36 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

Instrument :

BNA_M

ClientSampleId :

X2933

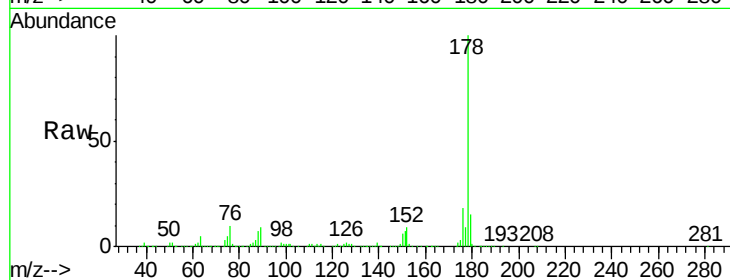
Tgt Ion:178 Resp: 2174073

Ion Ratio Lower Upper

178 100

179 15.2 13.1 19.7

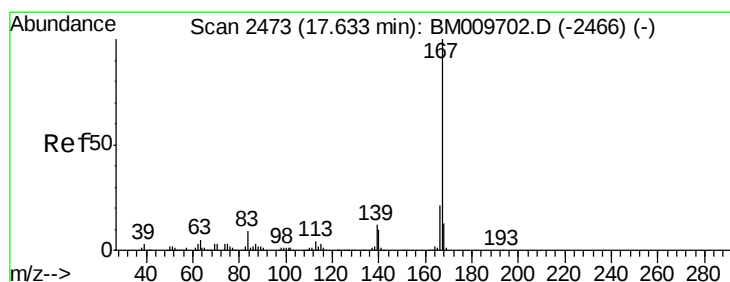
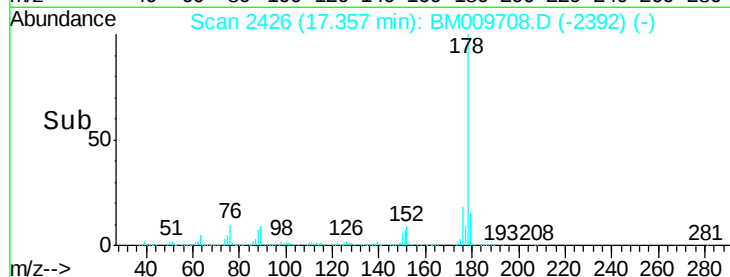
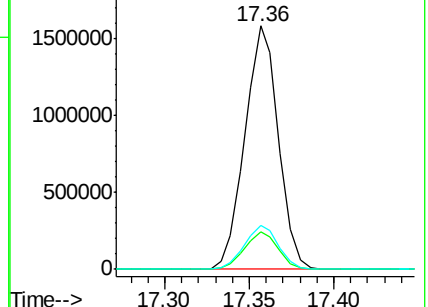
176 18.1 15.6 23.4



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

Carbazole

Concen: 33.44 ng/ul

RT: 17.63 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

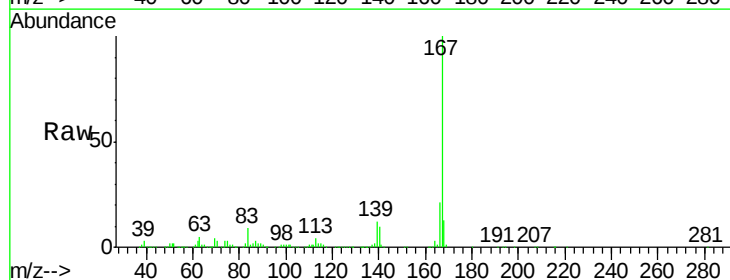
Tgt Ion:167 Resp: 1795296

Ion Ratio Lower Upper

167 100

166 21.4 17.7 26.5

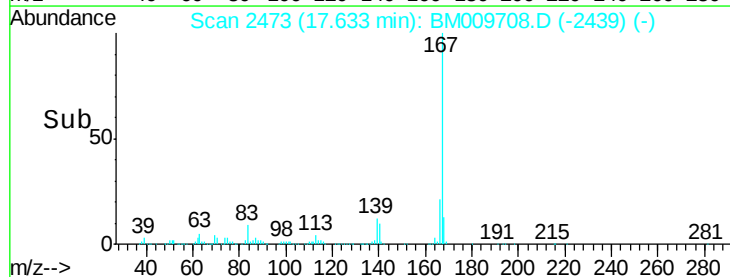
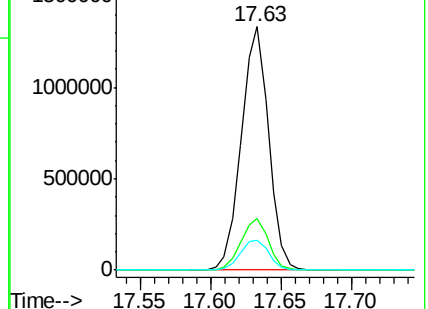
139 12.3 11.1 16.7

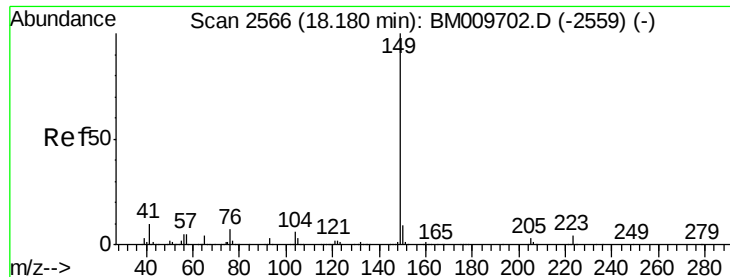


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

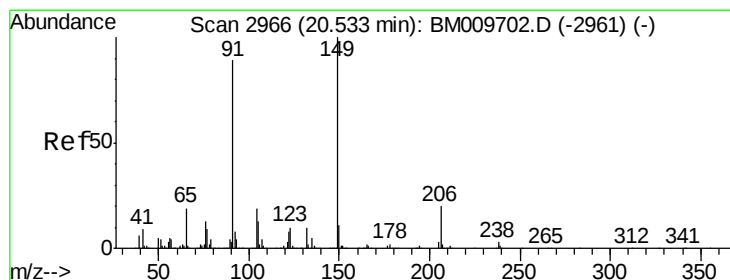
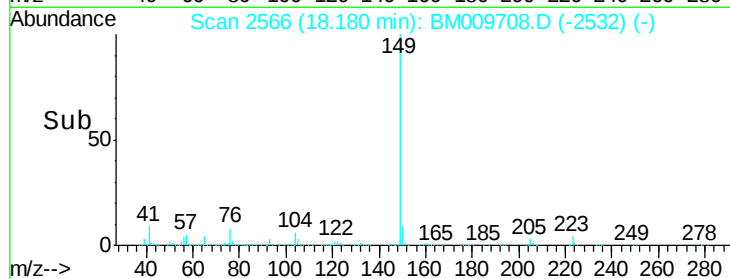
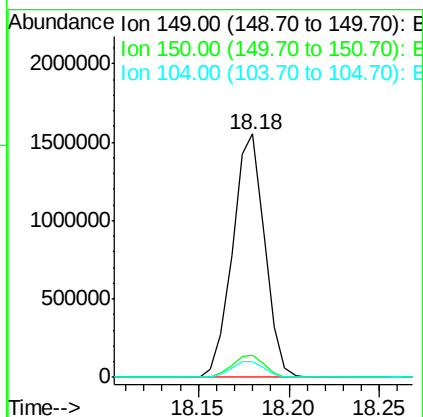
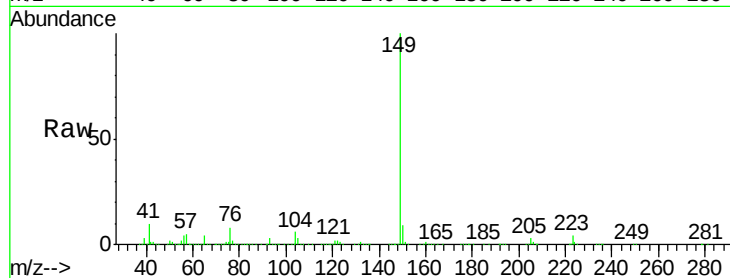




#73
Di-n-butylphthalate
Concen: 29.08 ng/ul
RT: 18.18 min Scan# 2566
Delta R.T. -0.00 min
Lab File: BM009708.D
Acq: 25 Apr 2017 15:25

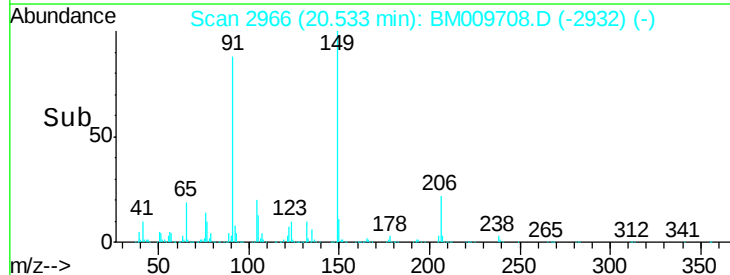
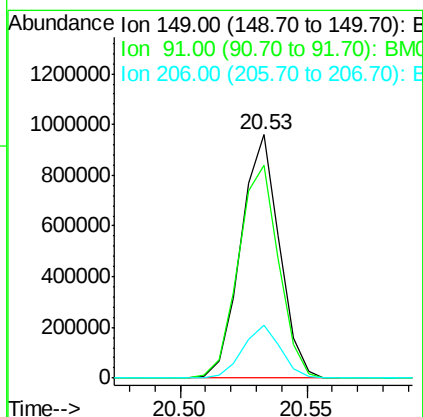
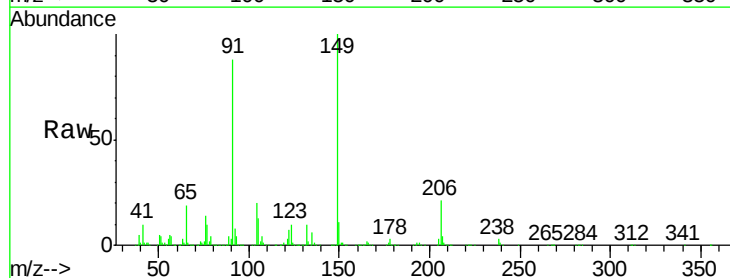
Instrument :
BNA_M
ClientSampleId :
X2933

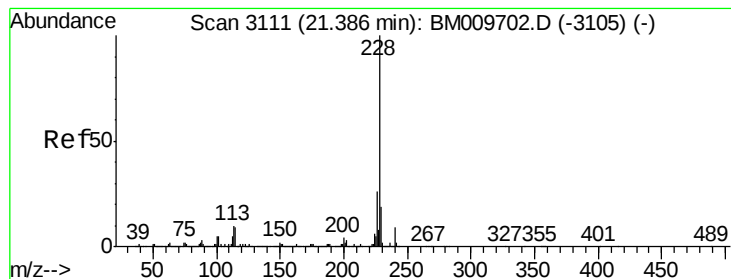
Tgt Ion:149 Resp: 1901889
Ion Ratio Lower Upper
149 100
150 9.0 7.1 10.7
104 6.3 6.9 10.3#



#78
Butylbenzylphthalate
Concen: 33.10 ng/ul
RT: 20.53 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BM009708.D
Acq: 25 Apr 2017 15:25

Tgt Ion:149 Resp: 1007085
Ion Ratio Lower Upper
149 100
91 87.5 80.0 120.0
206 21.5 19.1 28.7





#80

Benzo(a)anthracene

Concen: 26.10 ng/ul

RT: 21.39 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

Instrument :

BNA_M

ClientSampleId :

X2933

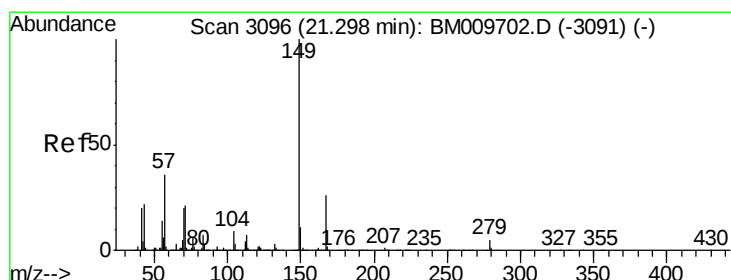
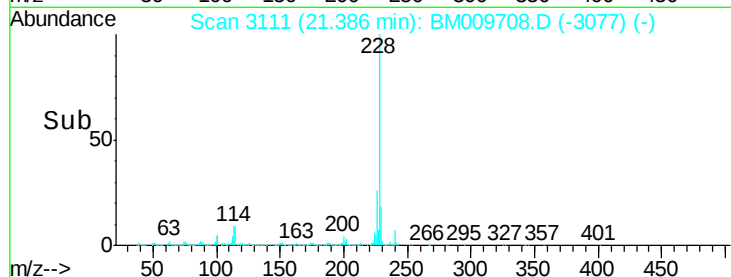
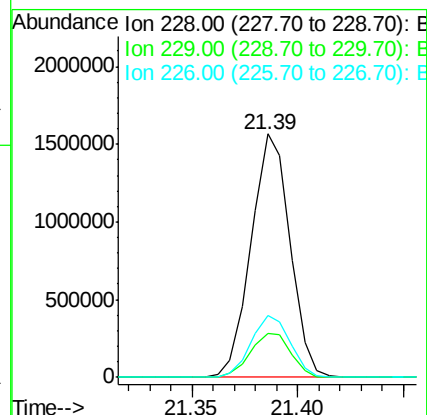
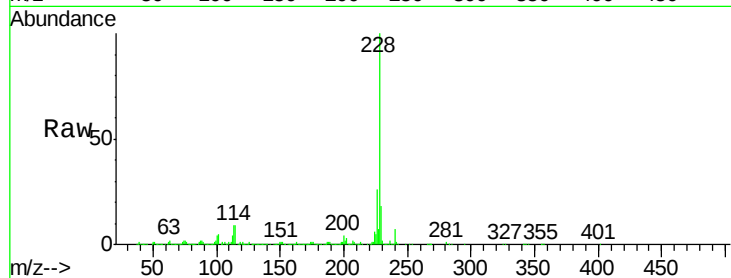
Tgt Ion:228 Resp: 2010536

Ion Ratio Lower Upper

228 100

229 18.1 15.4 23.2

226 25.6 21.2 31.8



#81

Bis(2-ethylhexyl)phthalate

Concen: 19.68 ng/ul

RT: 21.30 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

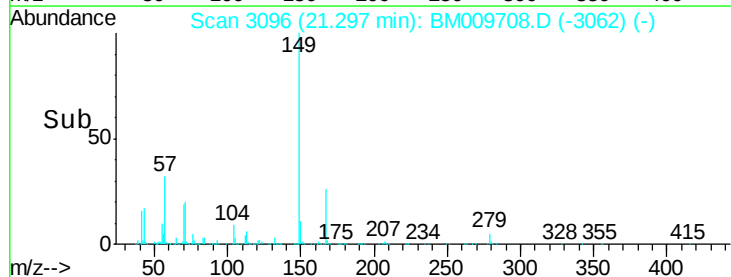
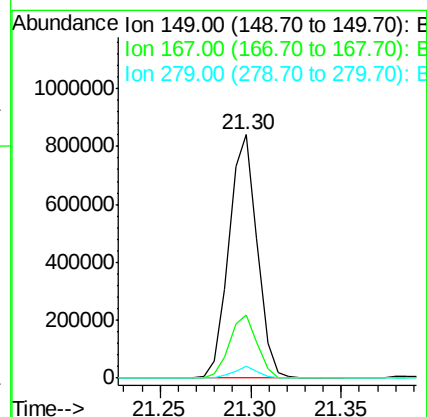
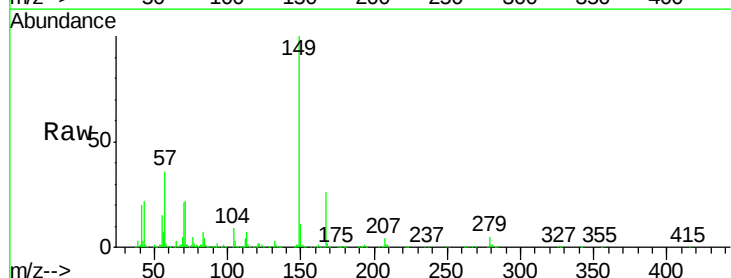
Tgt Ion:149 Resp: 907280

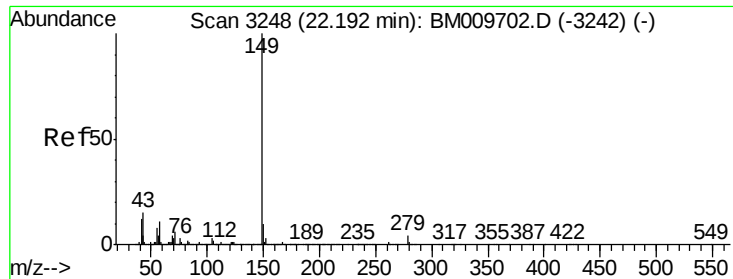
Ion Ratio Lower Upper

149 100

167 26.0 20.2 30.2

279 4.7 4.0 6.0





#84

Di-n-octyl phthalate

Concen: 37.21 ng/ul

RT: 22.19 min Scan# 3248

Delta R.T. -0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

Instrument :

BNA_M

ClientSampleId :

X2933

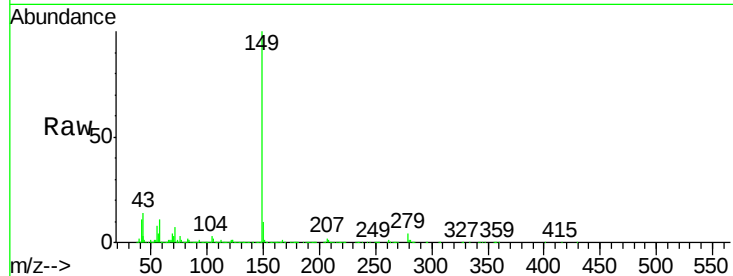
Tgt Ion:149 Resp: 3034482

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

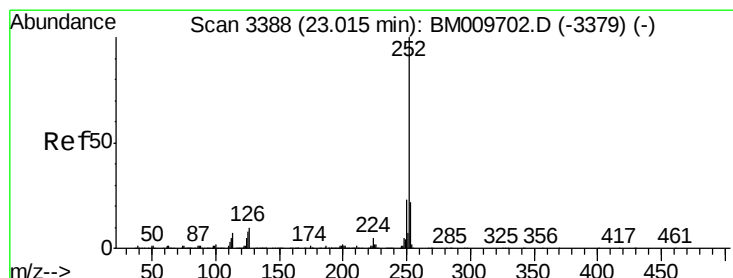
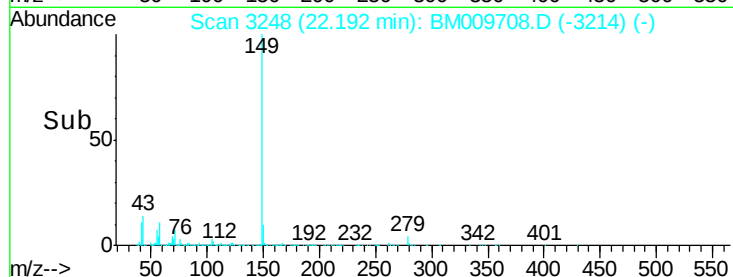
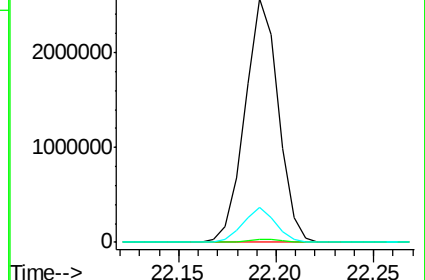
43 14.2 13.7 20.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#85

Benzo(b)fluoranthene

Concen: 12.97 ng/ul

RT: 23.01 min Scan# 3388

Delta R.T. -0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

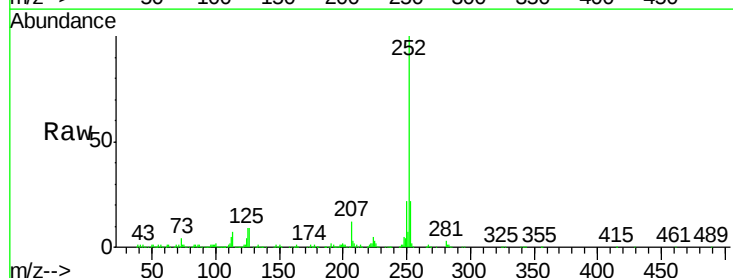
Tgt Ion:252 Resp: 940093

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

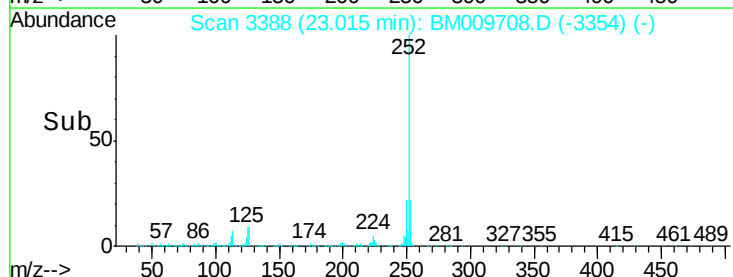
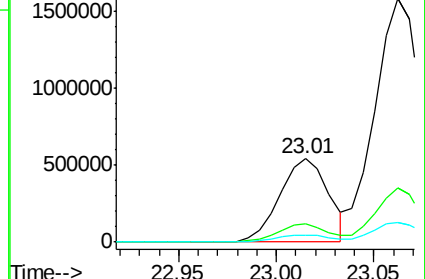
125 8.9 3.7 5.5#

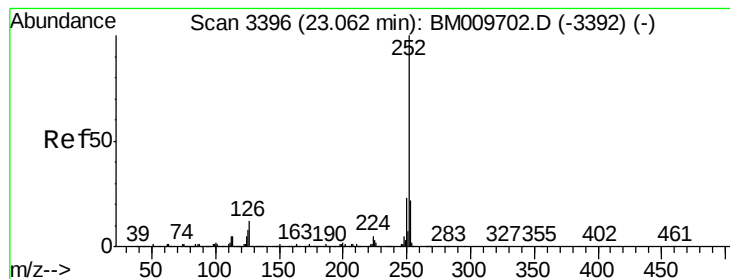


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 39.91 ng/ul

RT: 23.06 min Scan# 3396

Delta R.T. -0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

Instrument :

BNA_M

ClientSampleId :

X2933

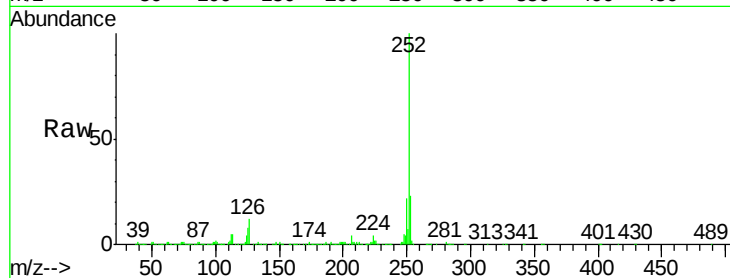
Tgt Ion:252 Resp: 2649260

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

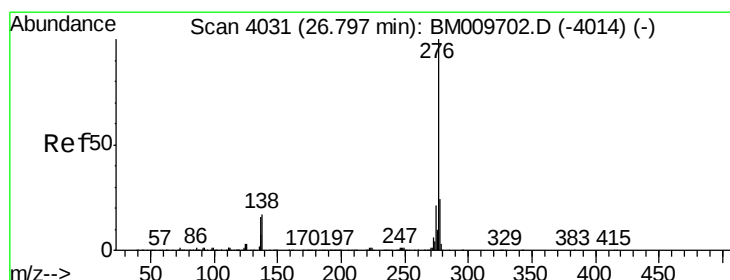
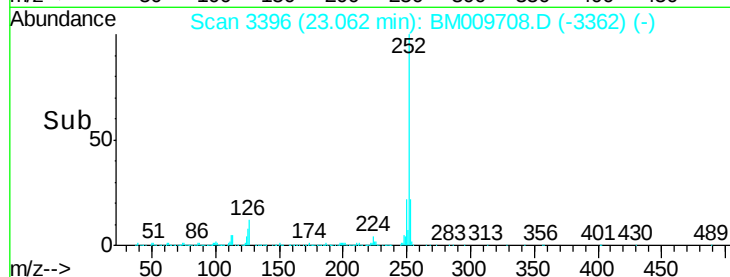
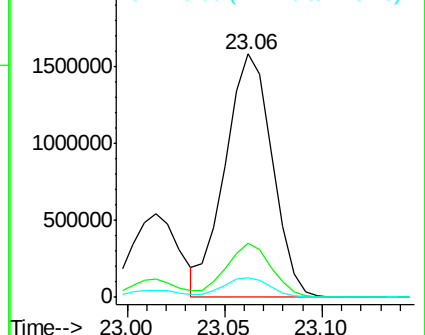
125 8.3 3.8 5.8#



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(g,h,i)perylene

Concen: 21.06 ng/ul

RT: 26.80 min Scan# 4031

Delta R.T. -0.00 min

Lab File: BM009708.D

Acq: 25 Apr 2017 15:25

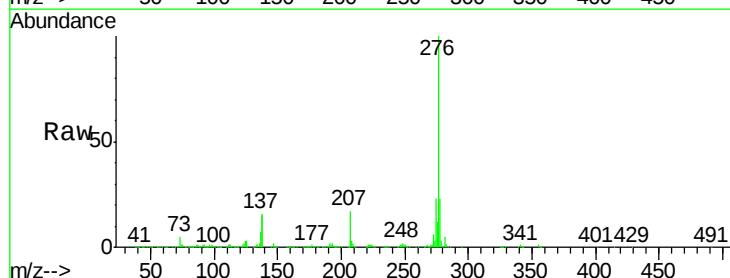
Tgt Ion:276 Resp: 1235917

Ion Ratio Lower Upper

276 100

138 14.6 7.0 10.4#

277 23.2 19.0 28.6



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

