

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111716\
 Data File : BM007940.D
 Acq On : 17 Nov 2016 15:35
 Operator : UM/SJ
 Sample : H5622-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WK2

Quant Time: Nov 18 01:22:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 18 01:20:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	191151	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	714321	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	447501	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	874074	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	1096218	20.00	ng/ul	0.00
83) Perylene-d12	23.54	264	1117964	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	28210	6.37	ng/uL	0.00
5) Phenol-d5	6.90	99	512561	34.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	309672	35.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	412880	36.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	398193	34.38	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	198276	38.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	215631	38.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	403493	37.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	135932	10.91	ng/ul	0.01
43) Dimethylphthalate-d6	13.77	166	1180319	38.39	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1421822	38.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	179899	36.60	ng/ul	0.00
57) Fluorene-d10	15.36	176	1011663	37.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	171417	32.95	ng/ul	0.00
70) Anthracene-d10	17.21	188	1594727	40.14	ng/ul	0.00
76) Pyrene-d10	19.50	212	1779563	39.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.40	264	1973481	40.00	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	6.89	77	30100	3.20	ng/ul	98
10) 2-Chlorophenol	7.29	128	496544	42.53	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	808585	61.82	ng/ul	98
14) Acetophenone	8.55	105	762698	41.71	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.43	70	11059	1.21	ng/ul#	1
17) Hexachloroethane	8.79	117	108704	21.13	ng/ul	97
20) Nitrobenzene	8.93	77	901790	67.63	ng/ul	98
21) Isophorone	9.60	82	24125	1.05	ng/ul#	72
23) 2-Nitrophenol	9.63	139	324017	56.34	ng/ul	97
27) 2,4-Dichlorophenol	10.16	162	288367	27.10	ng/ul	96
28) Naphthalene	10.55	128	605562	17.29	ng/ul	99
33) 4-Chloro-3-methylphenol	11.80	107	612345	54.62	ng/ul	93
36) 1,2,4,5-Tetrachlorobenzene	12.54	216	316114	21.76	ng/ul	98
38) 2,4,6-Trichlorophenol	12.79	196	299715	36.75	ng/ul	98
39) 2,4,5-Trichlorophenol	12.79	196	299715	33.60	ng/ul	98
40) 1,1'-Biphenyl	13.19	154	1399650	44.16	ng/ul	98
42) 2-Nitroaniline	13.45	65	443500	68.04	ng/ul	98
44) Dimethylphthalate	13.86	163	46816	1.57	ng/ul#	94
45) 2,6-Dinitrotoluene	13.95	165	284287	50.24	ng/ul	95
47) Acenaphthylene	14.08	152	2190521	58.40	ng/ul	99
49) Acenaphthene	14.43	153	127349	4.92	ng/ul	98
52) 4-Nitrophenol	14.60	109	323961	67.67	ng/ul	96
53) Dibenzofuran	14.76	168	836239	22.55	ng/ul	98

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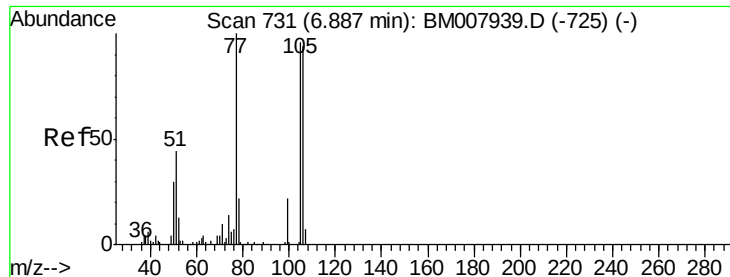
Instrument :
 BNA_M
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 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

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

54) 2,4-Dinitrotoluene	14.75	165	487847	59.69	ng/ul	97
56) Diethylphthalate	15.19	149	1594270	53.81	ng/ul	100
58) Fluorene	15.42	166	276015	9.30	ng/ul	97
64) N-Nitrosodiphenylamine	15.63	169	1475949	58.76	ng/ul	99
66) Hexachlorobenzene	16.42	284	502187	45.34	ng/ul	97
68) Pentachlorophenol	16.77	266	310358	49.66	ng/ul	99
69) Phenanthrene	17.15	178	1711024	36.57	ng/ul	100
71) Anthracene	17.15	178	1711024	35.97	ng/ul	99
73) Di-n-butylphthalate	18.07	149	2267468	48.98	ng/ul	100
77) Pyrene	19.54	202	1068952	18.81	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.23	252	24298	1.24	ng/ul	95
80) Benzo(a)anthracene	21.29	228	2695676	45.61	ng/ul	100
82) Chrysene	21.29	228	2695676	47.59	ng/ul	98
84) Di-n-octyl phthalate	22.09	149	1839015	31.92	ng/ul	99
85) Benzo(b)fluoranthene	22.87	252	2312496	36.24	ng/ul	99
86) Benzo(k)fluoranthene	22.87	252	2312496	38.82	ng/ul	100
88) Benzo(a)pyrene	23.45	252	1369022	22.56	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.81	276	780681	10.72	ng/ul#	76
90) Dibenzo(a,h)anthracene	25.81	278	3312810	54.00	ng/ul	99
91) Benzo(g,h,i)perylene	26.50	276	1742756	28.57	ng/ul	97

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



#4

Benzaldehyde

Concen: 3.20 ng/ul

RT: 6.89 min Scan# 732

Delta R.T. 0.01 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

Instrument :

BNA_M

ClientSampleId :

A4WK2

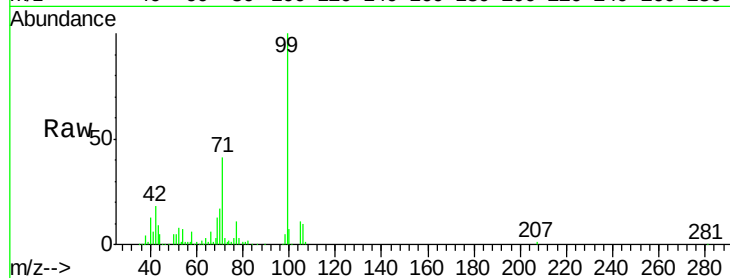
Tgt Ion: 77 Resp: 30100

Ion Ratio Lower Upper

77 100

105 100.2 76.9 115.3

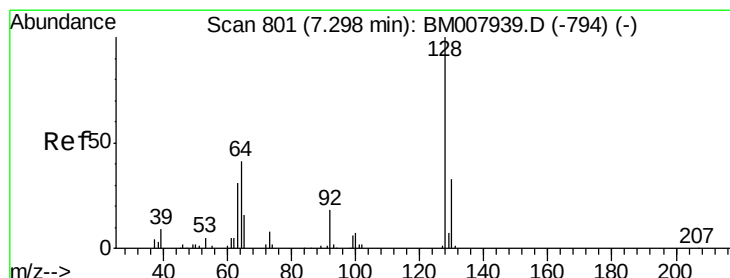
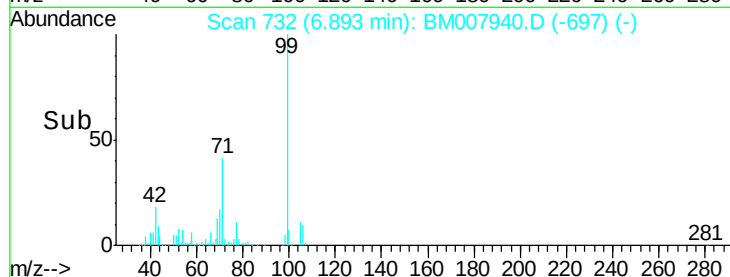
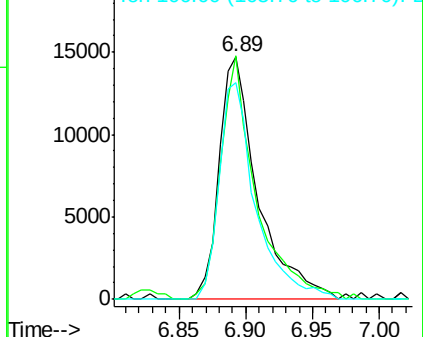
106 89.2 71.8 107.8



Abundance Ion 77.00 (76.70 to 77.70): BM007939.D (-725) (-)

Ion 105.00 (104.70 to 105.70): BM007939.D (-725) (-)

Ion 106.00 (105.70 to 106.70): BM007939.D (-725) (-)



#10

2-Chlorophenol

Concen: 42.53 ng/ul

RT: 7.29 min Scan# 800

Delta R.T. -0.01 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

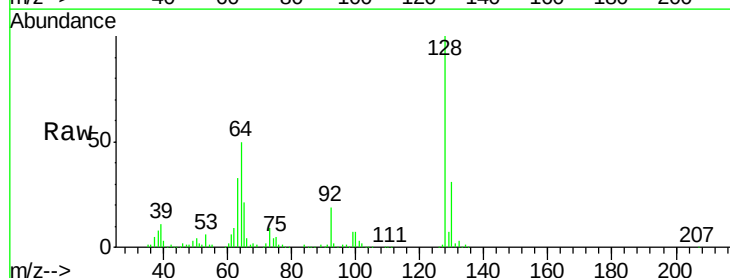
Tgt Ion: 128 Resp: 496544

Ion Ratio Lower Upper

128 100

64 49.5 37.5 56.3

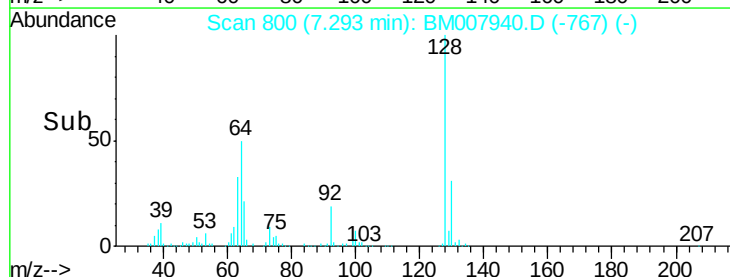
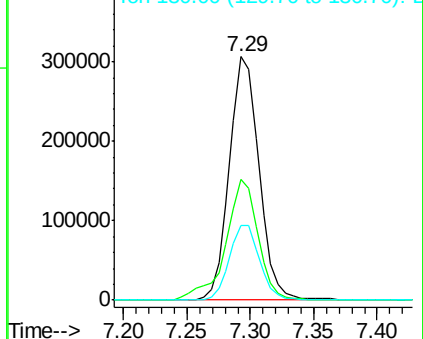
130 30.9 25.0 37.4

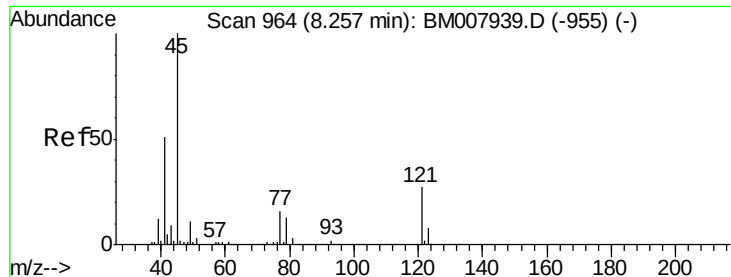


Abundance Ion 128.00 (127.70 to 128.70): BM007939.D (-794) (-)

Ion 64.00 (63.70 to 64.70): BM007939.D (-794) (-)

Ion 130.00 (129.70 to 130.70): BM007939.D (-794) (-)

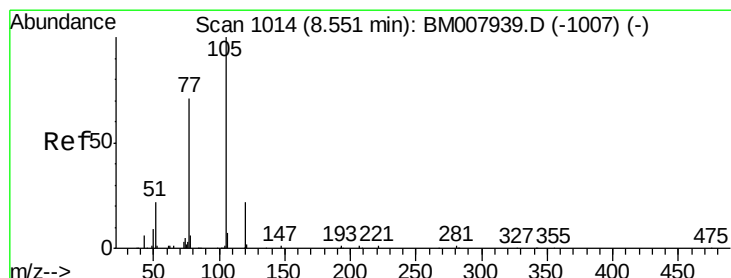
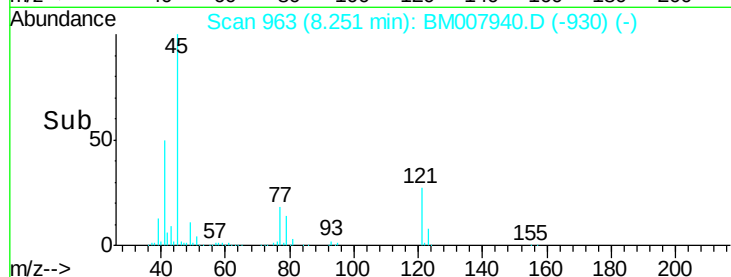
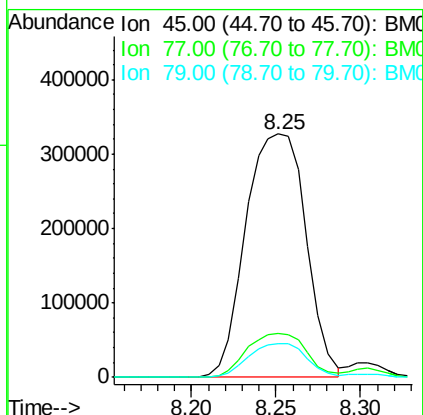
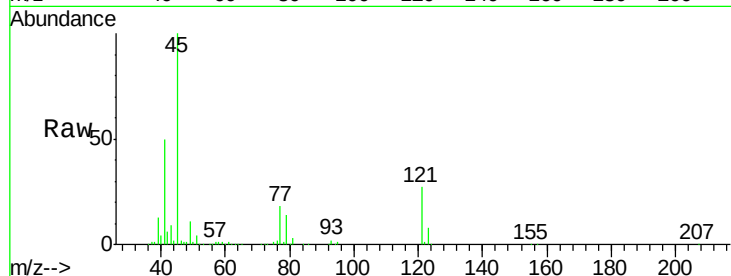




#12
2,2'-oxybis(1-Chloropropane)
Concen: 61.82 ng/ul
RT: 8.25 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM007940.D
Acq: 17 Nov 2016 15:35

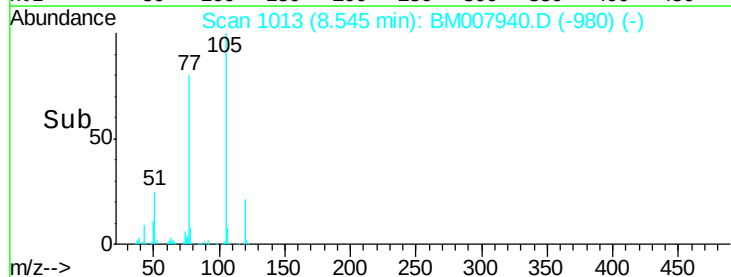
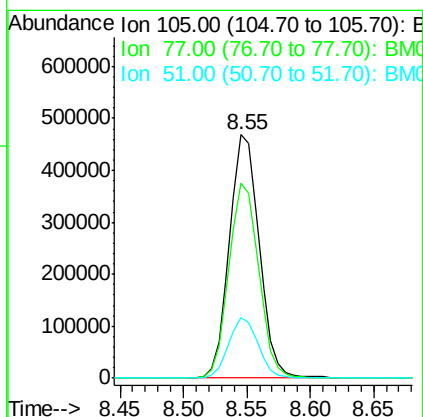
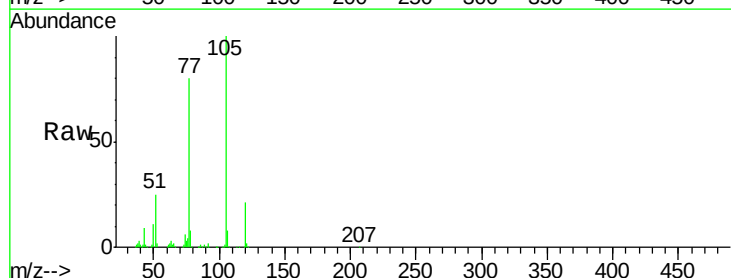
Instrument :
BNA_M
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A4WK2

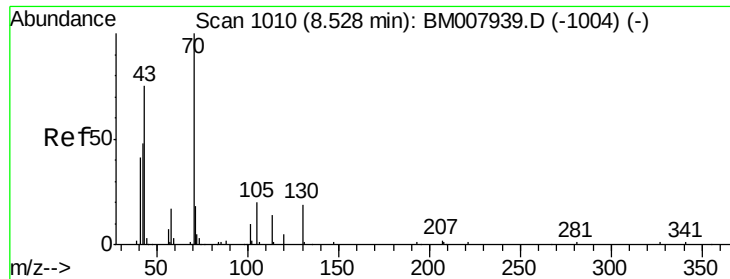
Tgt Ion: 45 Resp: 808585
Ion Ratio Lower Upper
45 100
77 18.1 14.1 21.1
79 13.9 10.4 15.6



#14
Acetophenone
Concen: 41.71 ng/ul
RT: 8.55 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM007940.D
Acq: 17 Nov 2016 15:35

Tgt Ion: 105 Resp: 762698
Ion Ratio Lower Upper
105 100
77 80.1 65.9 98.9
51 24.9 22.2 33.2

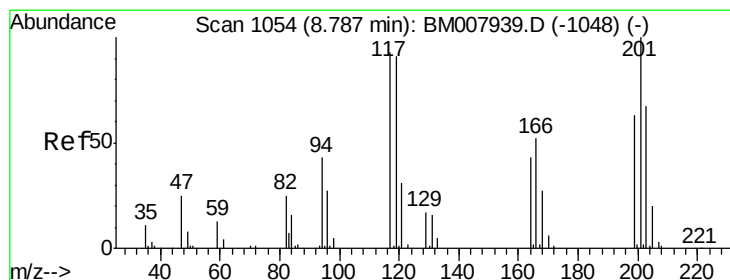
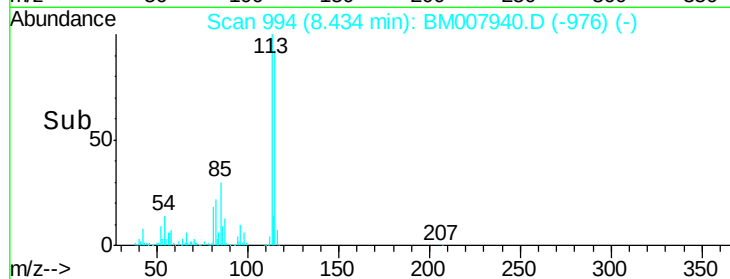
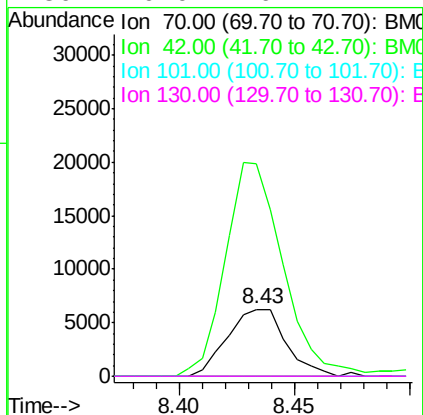
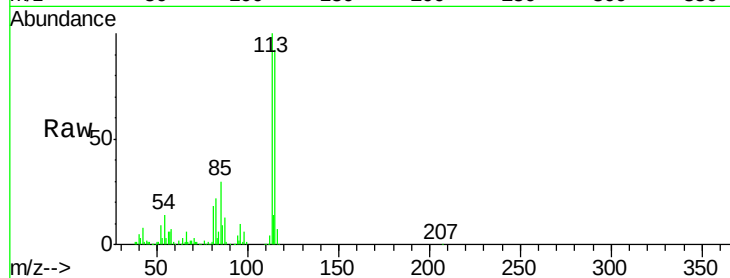




#15
N-Nitroso-di-n-propylamine
Concen: 1.21 ng/ul
RT: 8.43 min Scan# 994
Delta R.T. -0.09 min
Lab File: BM007940.D
Acq: 17 Nov 2016 15:35

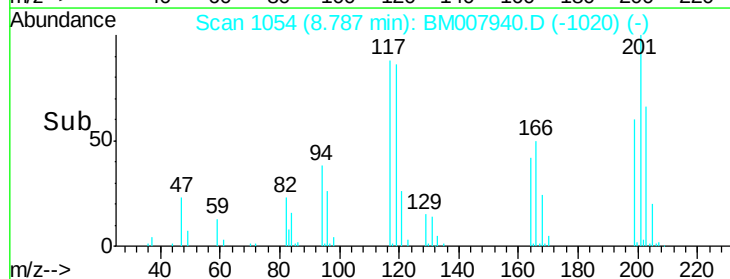
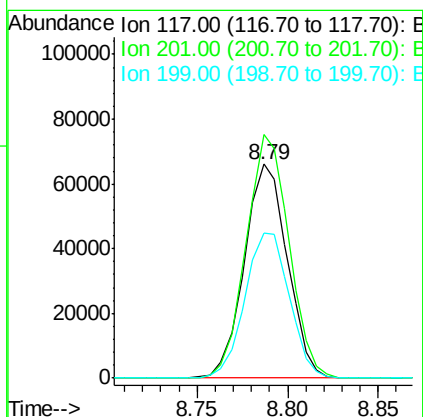
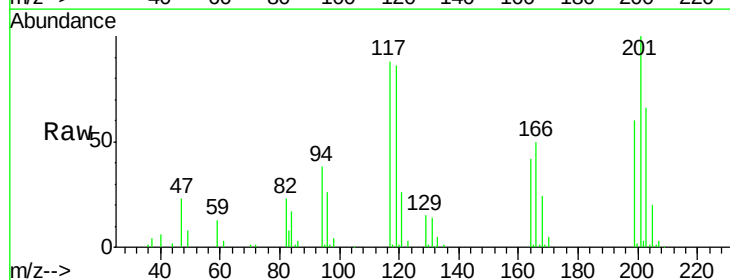
Instrument :
BNA_M
ClientSampleId :
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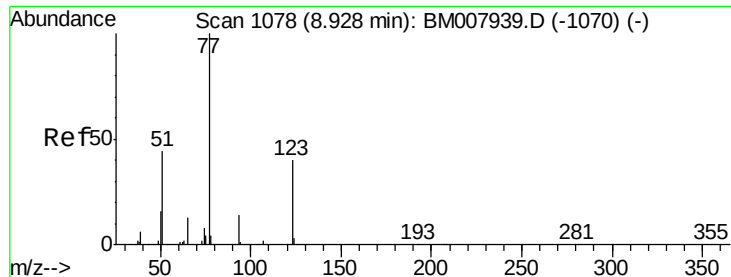
Tgt Ion:	70	Resp:	11059
Ion	Ratio	Lower	Upper
70	100		
42	318.1	43.4	65.2#
101	0.0	7.8	11.6#
130	0.0	16.2	24.4#



#17
Hexachloroethane
Concen: 21.13 ng/ul
RT: 8.79 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BM007940.D
Acq: 17 Nov 2016 15:35

Tgt Ion:	117	Resp:	108704
Ion	Ratio	Lower	Upper
117	100		
201	113.8	90.3	135.5
199	67.9	58.5	87.7





#20

Nitrobenzene

Concen: 67.63 ng/ul

RT: 8.93 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

Instrument :

BNA_M

ClientSampleId :

A4WK2

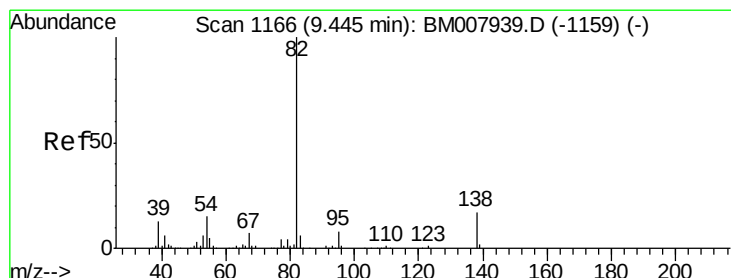
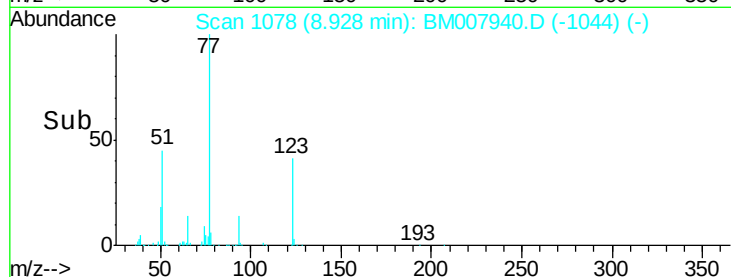
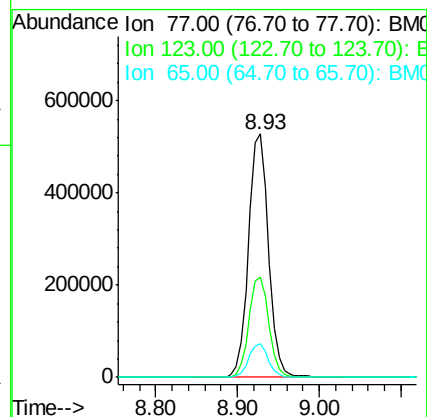
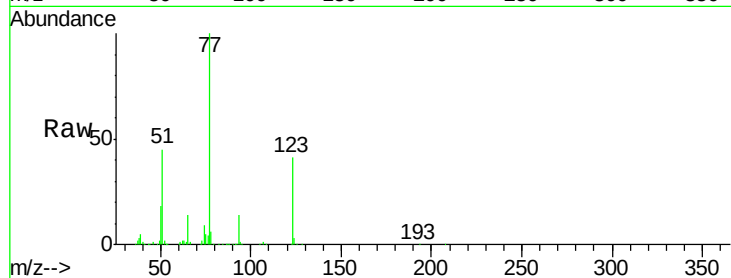
Tgt Ion: 77 Resp: 901790

Ion Ratio Lower Upper

77 100

123 41.4 34.2 51.4

65 13.8 11.0 16.6



#21

Isophorone

Concen: 1.05 ng/ul

RT: 9.60 min Scan# 1192

Delta R.T. 0.15 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

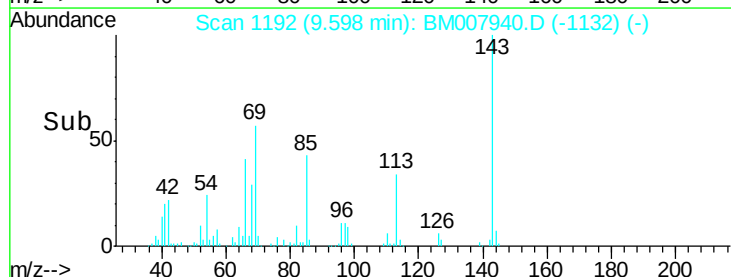
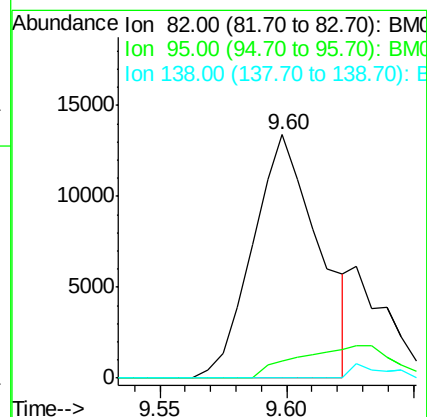
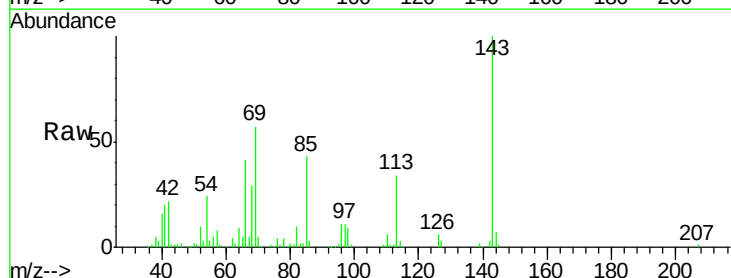
Tgt Ion: 82 Resp: 24125

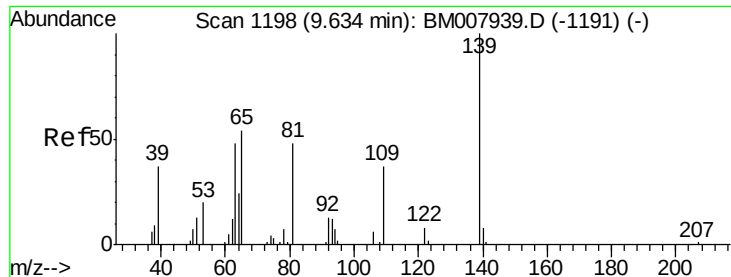
Ion Ratio Lower Upper

82 100

95 7.0 6.9 10.3

138 0.0 13.8 20.8#





#23

2-Nitrophenol

Concen: 56.34 ng/ul

RT: 9.63 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BM007940.D

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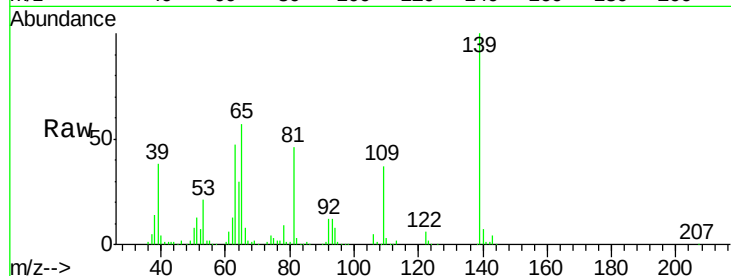
Tgt Ion:139 Resp: 324017

Ion Ratio Lower Upper

139 100

65 57.4 44.2 66.4

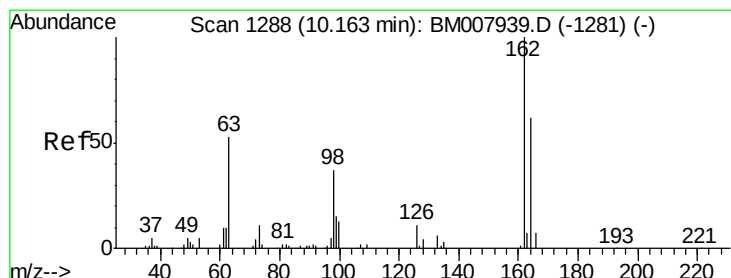
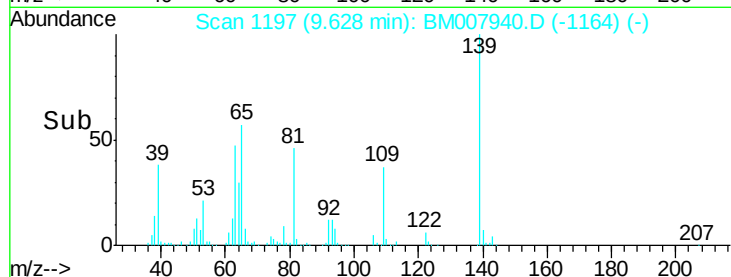
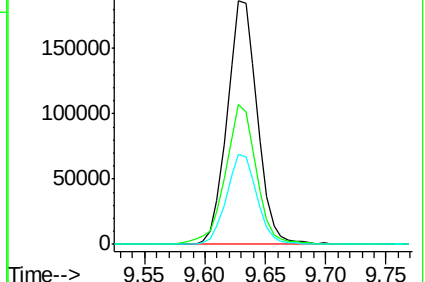
109 36.8 28.2 42.4



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 109.00 (108.70 to 109.70): E



#27

2,4-Dichlorophenol

Concen: 27.10 ng/ul

RT: 10.16 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

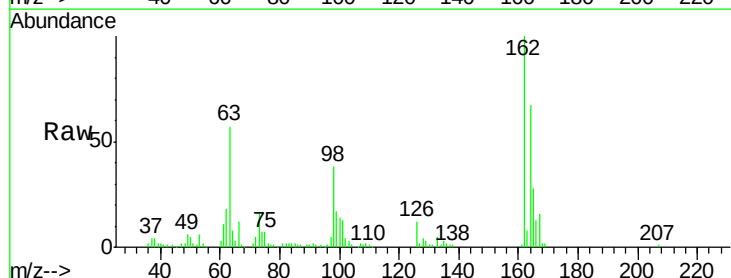
Tgt Ion:162 Resp: 288367

Ion Ratio Lower Upper

162 100

164 67.3 51.6 77.4

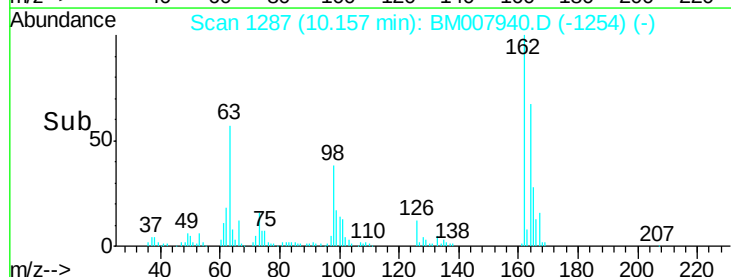
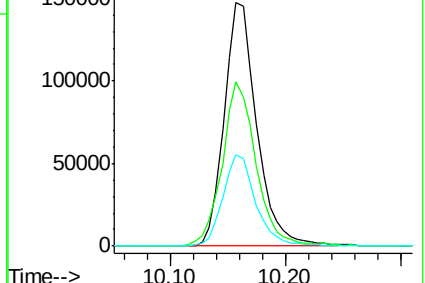
98 37.7 28.4 42.6

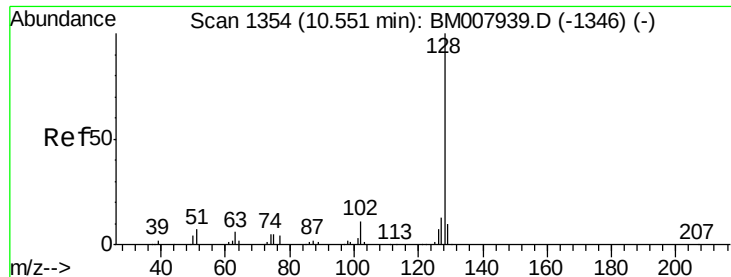


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM0





#28

Naphthalene

Concen: 17.29 ng/ul

RT: 10.55 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

Instrument :

BNA_M

ClientSampleId :

A4WK2

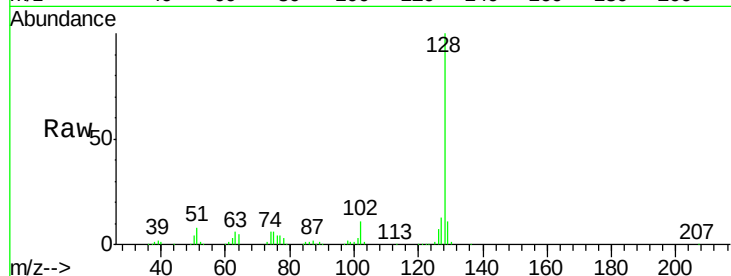
Tgt Ion:128 Resp: 605562

Ion Ratio Lower Upper

128 100

129 11.2 8.6 12.8

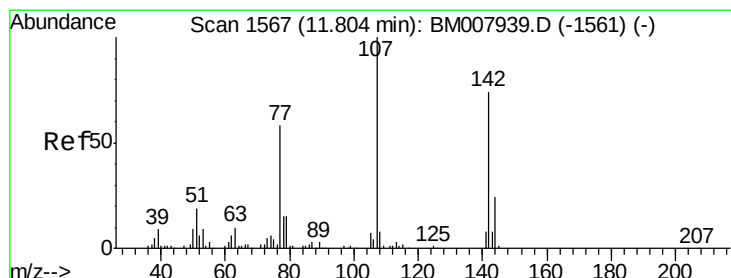
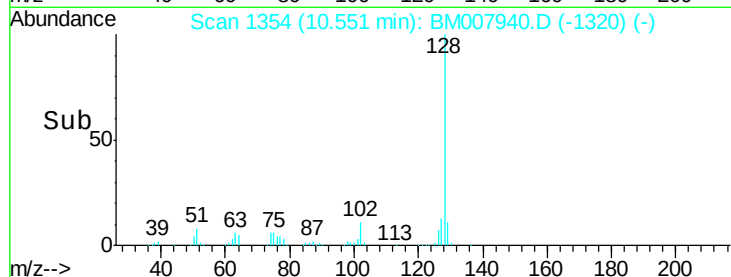
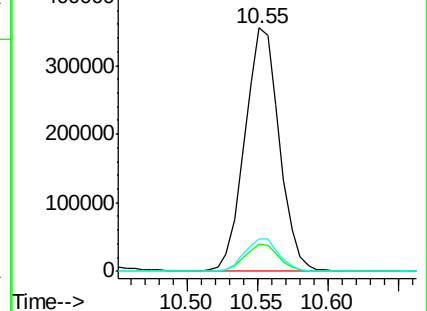
127 13.3 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloro-3-methylphenol

Concen: 54.62 ng/ul

RT: 11.80 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

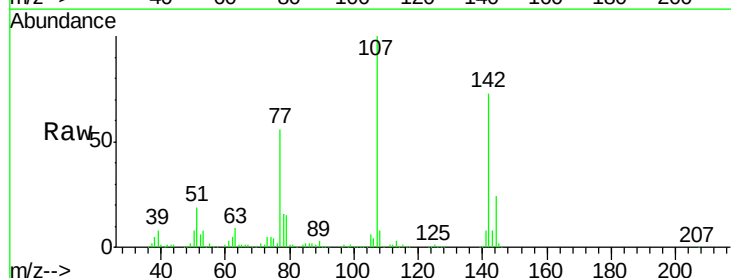
Tgt Ion:107 Resp: 612345

Ion Ratio Lower Upper

107 100

144 24.4 21.1 31.7

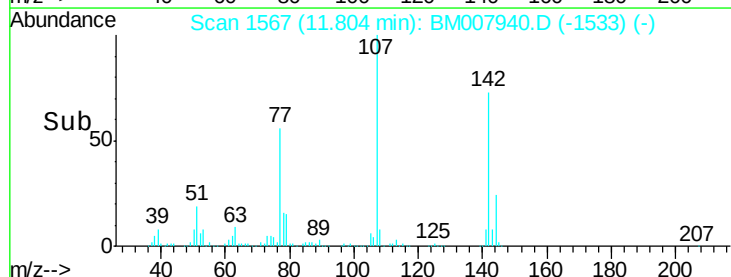
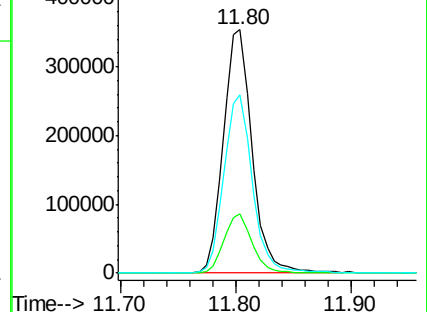
142 73.3 64.1 96.1

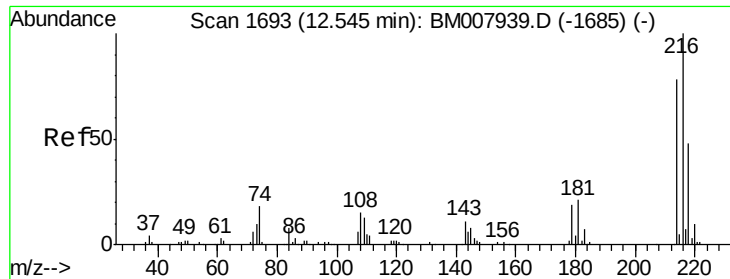


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

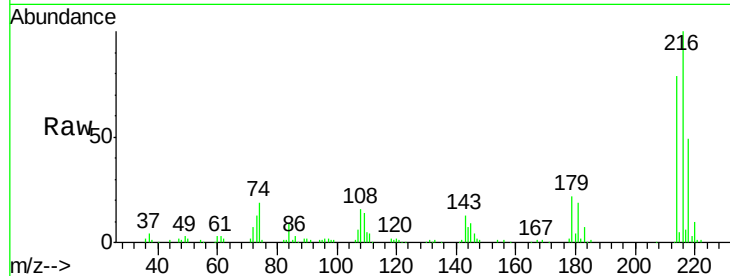




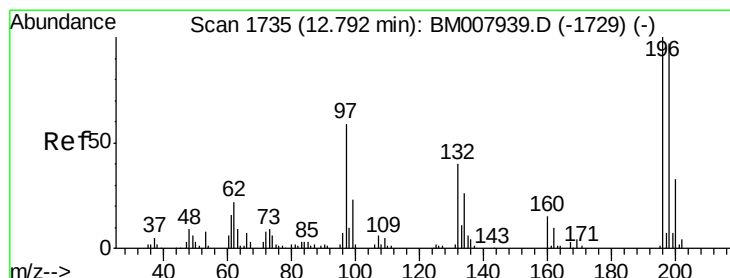
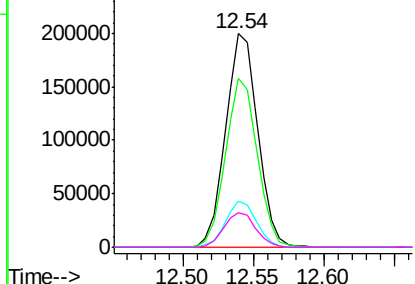
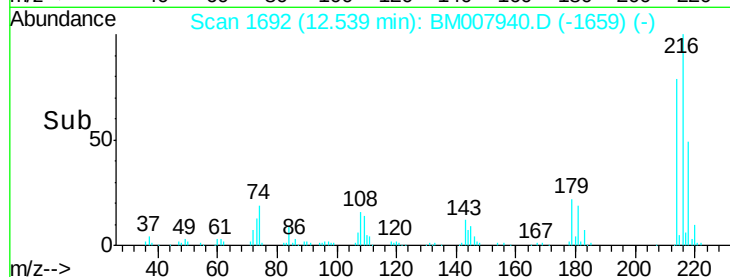
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.76 ng/ul
 RT: 12.54 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM007940.D
 Acq: 17 Nov 2016 15:35

Instrument :
 BNA_M
 ClientSampleId :
 A4WK2

Tgt Ion:	216	Resp:	316114
Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.8	97.2
179	21.7	16.7	25.1
108	16.2	13.2	19.8

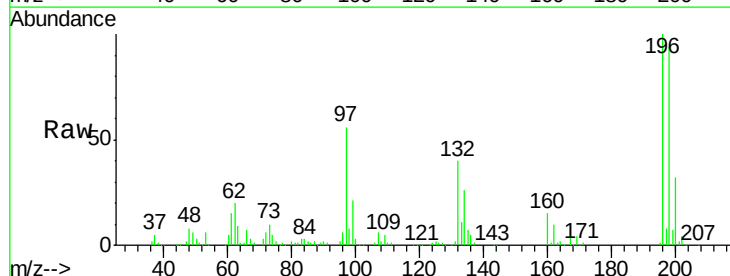


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

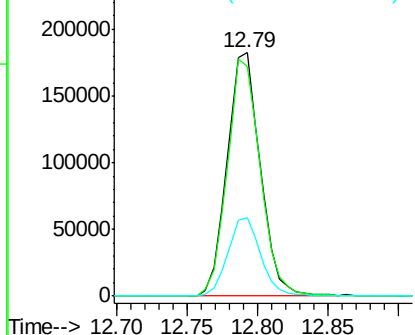
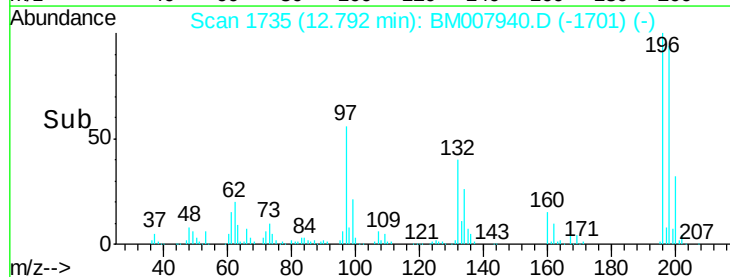


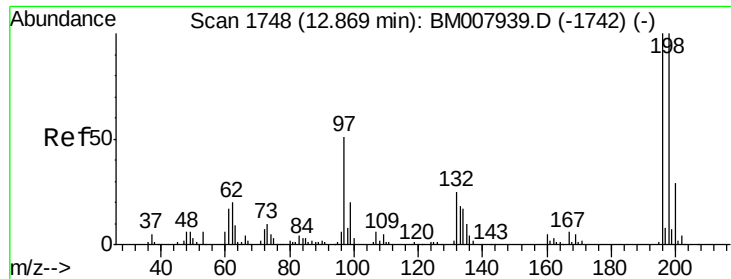
#38
 2,4,6-Trichlorophenol
 Concen: 36.75 ng/ul
 RT: 12.79 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BM007940.D
 Acq: 17 Nov 2016 15:35

Tgt Ion:	196	Resp:	299715
Ion	Ratio	Lower	Upper
196	100		
198	94.3	76.9	115.3
200	32.4	25.1	37.7



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

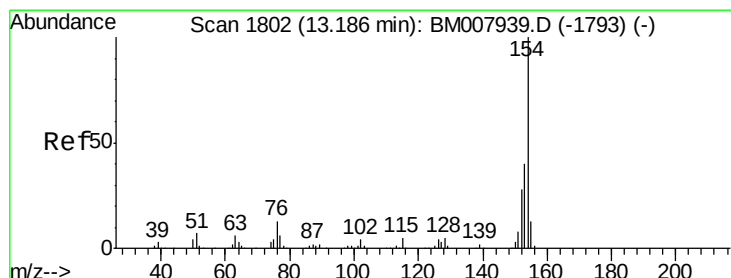
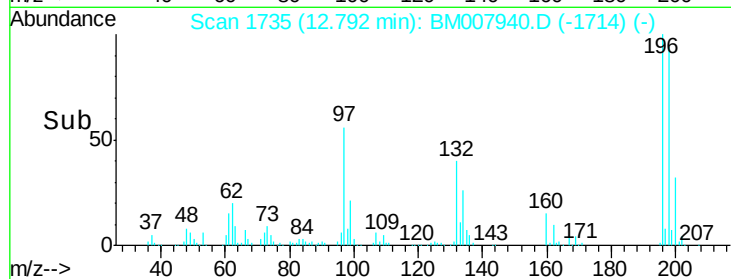
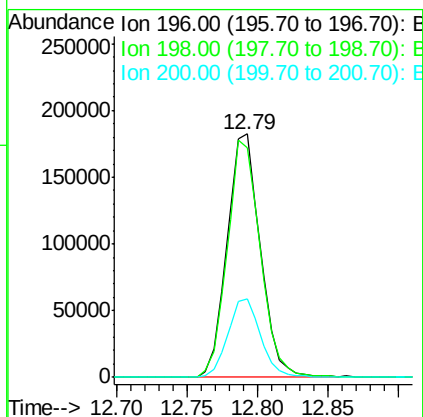
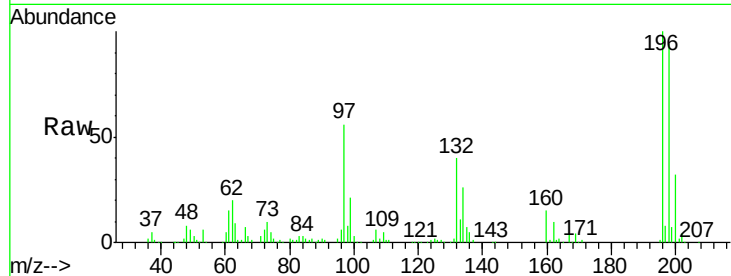




#39
 2,4,5-Trichlorophenol
 Concen: 33.60 ng/ul
 RT: 12.79 min Scan# 1735
 Delta R.T. -0.08 min
 Lab File: BM007940.D
 Acq: 17 Nov 2016 15:35

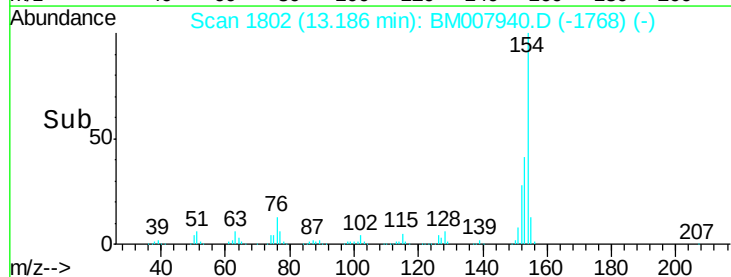
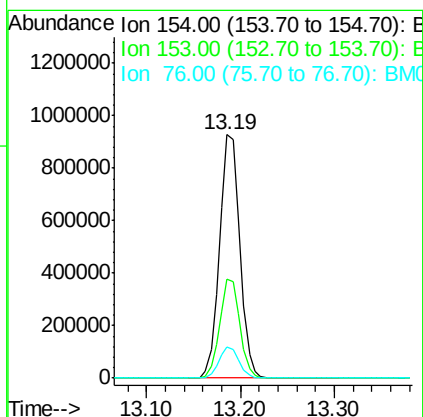
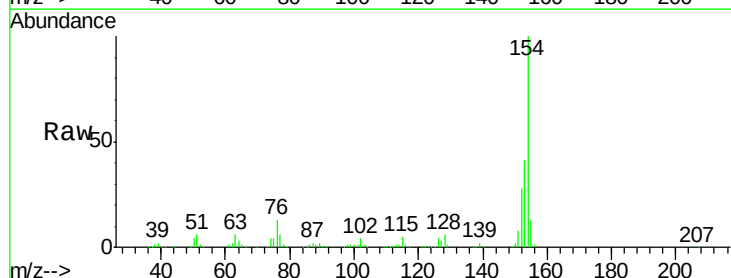
Instrument :
 BNA_M
 ClientSampleID :
 A4WK2

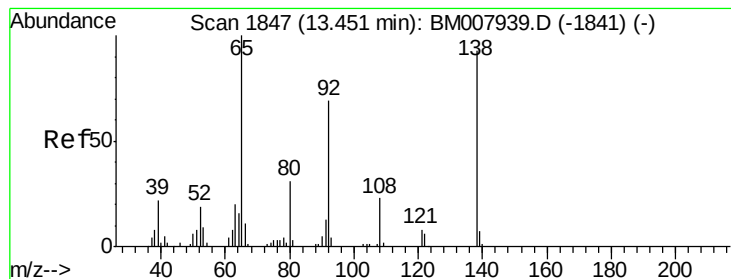
Tgt Ion:196 Resp: 299715
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.8 115.2
 200 32.4 27.0 40.4



#40
 1,1'-Biphenyl
 Concen: 44.16 ng/ul
 RT: 13.19 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BM007940.D
 Acq: 17 Nov 2016 15:35

Tgt Ion:154 Resp: 1399650
 Ion Ratio Lower Upper
 154 100
 153 40.7 31.3 46.9
 76 12.9 10.0 15.0





#42

2-Nitroaniline

Concen: 68.04 ng/ul

RT: 13.45 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

Instrument :

BNA_M

ClientSampleId :

A4WK2

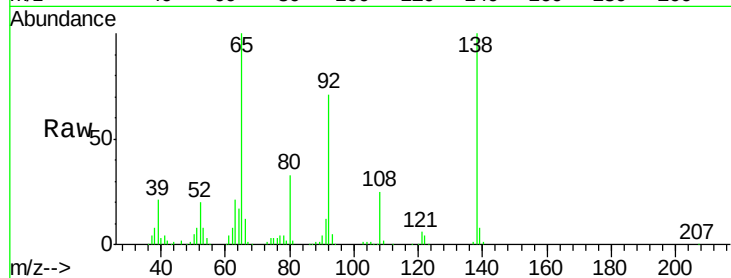
Tgt Ion: 65 Resp: 443500

Ion Ratio Lower Upper

65 100

92 70.7 55.6 83.4

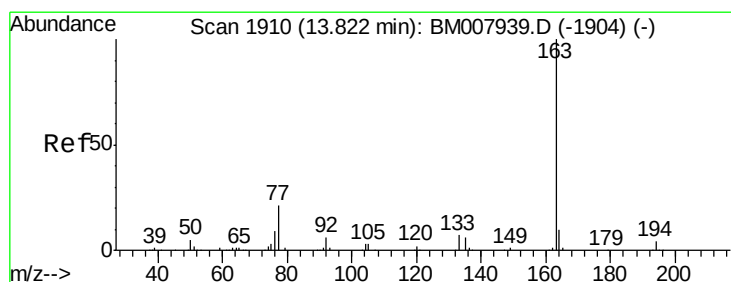
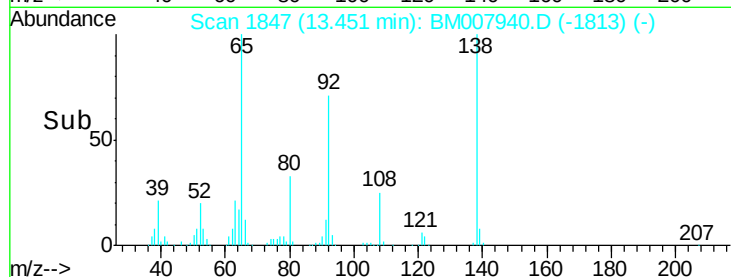
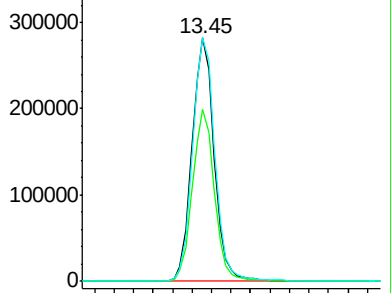
138 99.9 81.3 121.9



Abundance Ion 65.00 (64.70 to 65.70): BM007939.D (-1841) (-)

Ion 92.00 (91.70 to 92.70): BM007939.D (-1841) (-)

Ion 138.00 (137.70 to 138.70): BM007939.D (-1841) (-)



#44

Dimethylphthalate

Concen: 1.57 ng/ul

RT: 13.86 min Scan# 1916

Delta R.T. 0.04 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

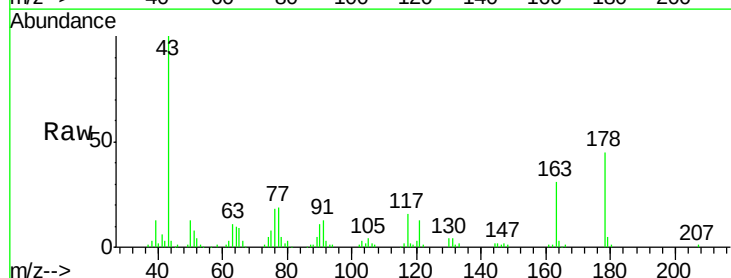
Tgt Ion: 163 Resp: 46816

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

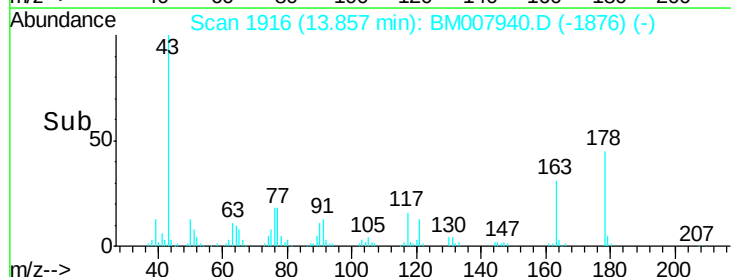
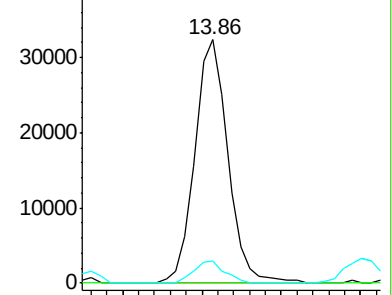
164 9.0 7.8 11.8

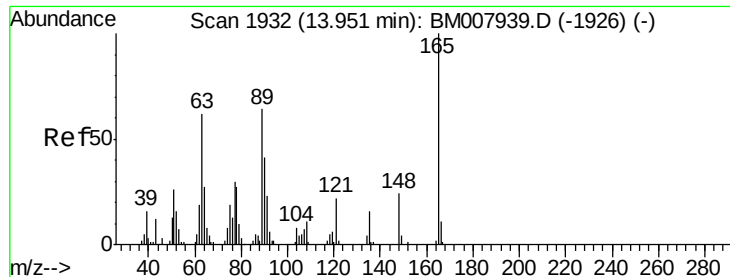


Abundance Ion 163.00 (162.70 to 163.70): BM007939.D (-1904) (-)

Ion 194.00 (193.70 to 194.70): BM007939.D (-1904) (-)

Ion 164.00 (163.70 to 164.70): BM007939.D (-1904) (-)

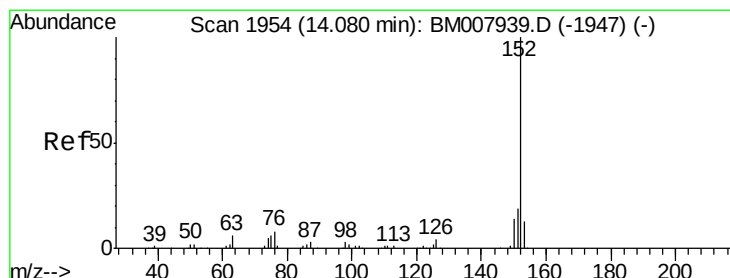
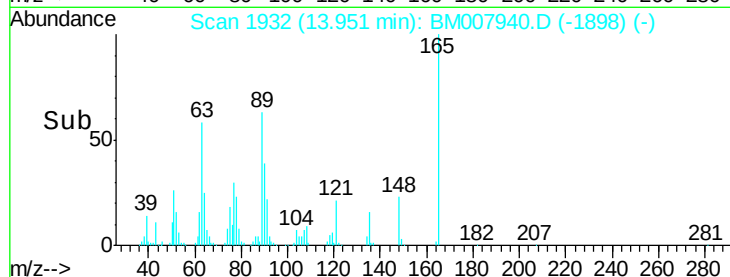
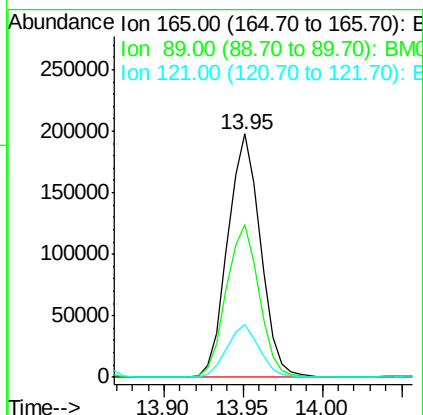
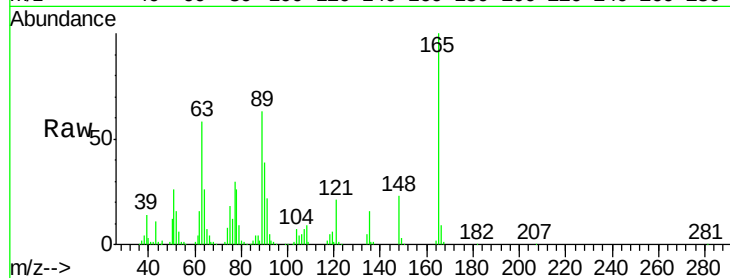




#45
2,6-Dinitrotoluene
Concen: 50.24 ng/ul
RT: 13.95 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BM007940.D
Acq: 17 Nov 2016 15:35

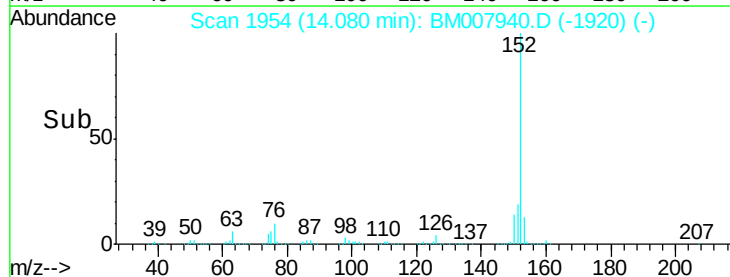
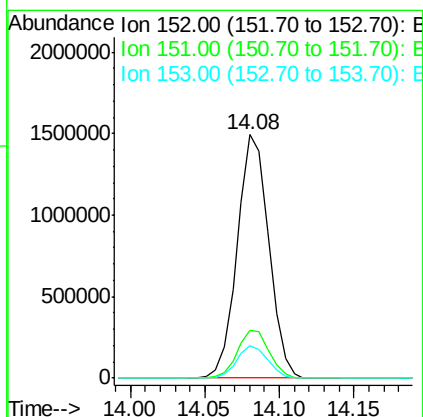
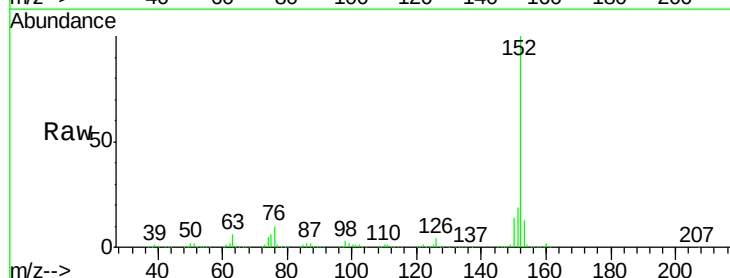
Instrument :
BNA_M
ClientSampleId :
A4WK2

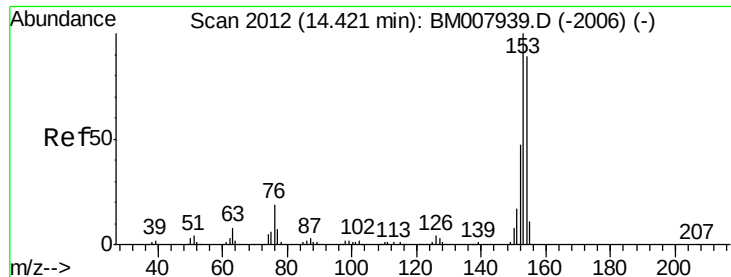
Tgt Ion:165 Resp: 284287
Ion Ratio Lower Upper
165 100
89 62.8 46.6 69.8
121 21.5 16.0 24.0



#47
Acenaphthylene
Concen: 58.40 ng/ul
RT: 14.08 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BM007940.D
Acq: 17 Nov 2016 15:35

Tgt Ion:152 Resp: 2190521
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.1 11.0 16.6





#49

Acenaphthene

Concen: 4.92 ng/ul

RT: 14.43 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

Instrument :

BNA_M

ClientSampleId :

A4WK2

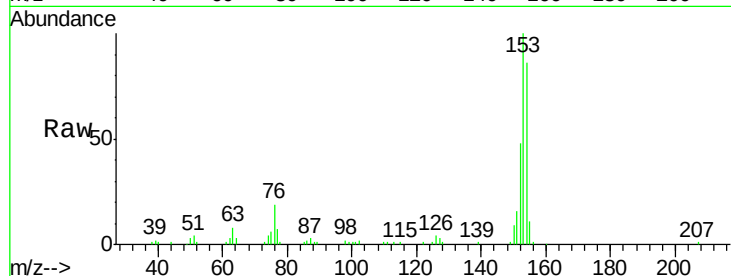
Tgt Ion:153 Resp: 127349

Ion Ratio Lower Upper

153 100

152 47.7 37.8 56.6

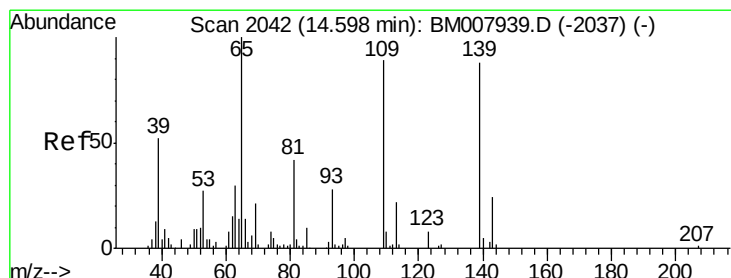
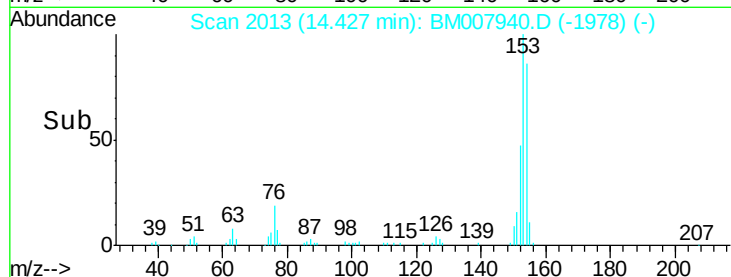
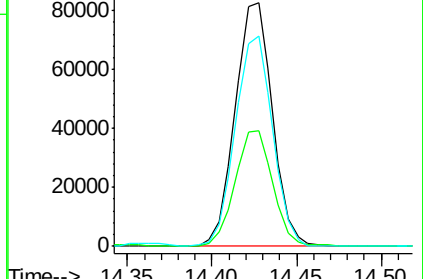
154 86.4 71.4 107.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 67.67 ng/ul

RT: 14.60 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

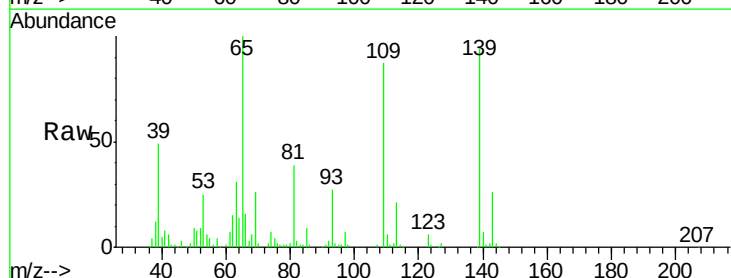
Tgt Ion:109 Resp: 323961

Ion Ratio Lower Upper

109 100

139 108.3 88.7 133.1

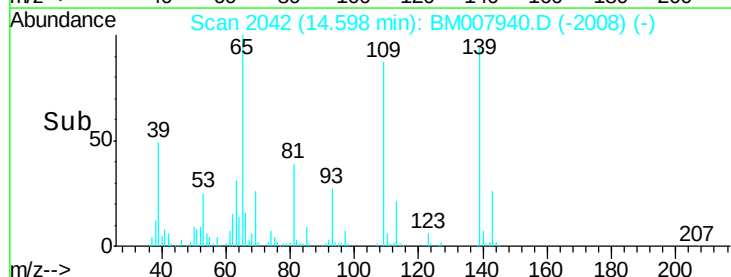
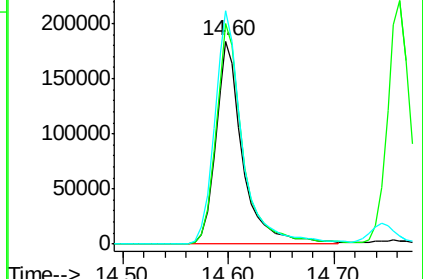
65 114.9 96.4 144.6

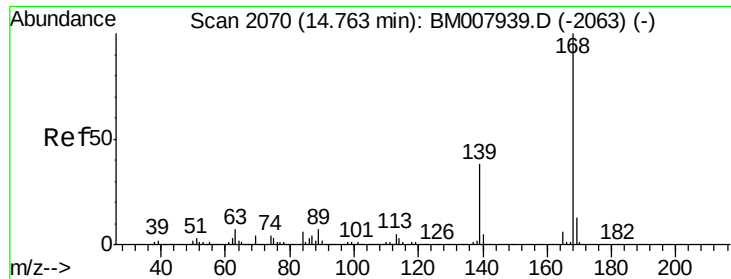


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E





#53

Dibenzenofuran

Concen: 22.55 ng/ul

RT: 14.76 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

Instrument :

BNA_M

ClientSampleId :

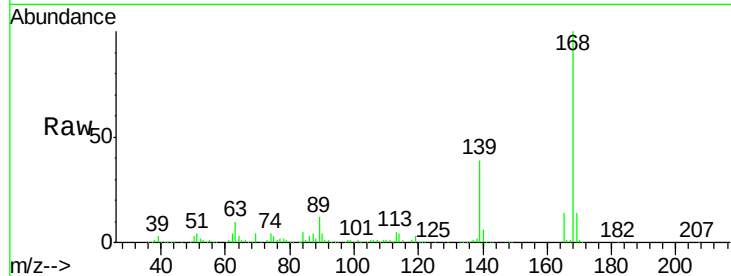
A4WK2

Tgt Ion:168 Resp: 836239

Ion Ratio Lower Upper

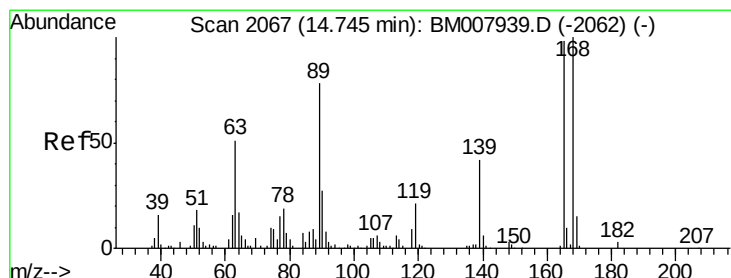
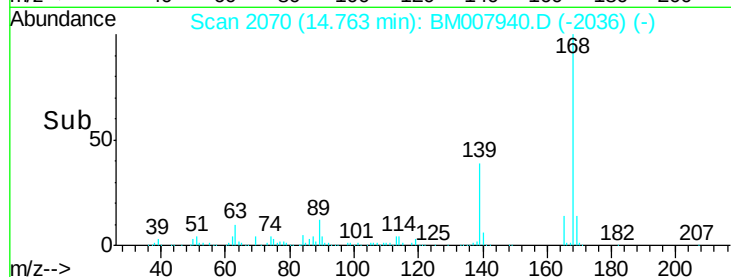
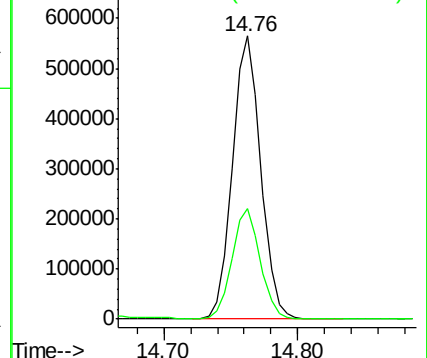
168 100

139 39.1 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 59.69 ng/ul

RT: 14.75 min Scan# 2067

Delta R.T. 0.00 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

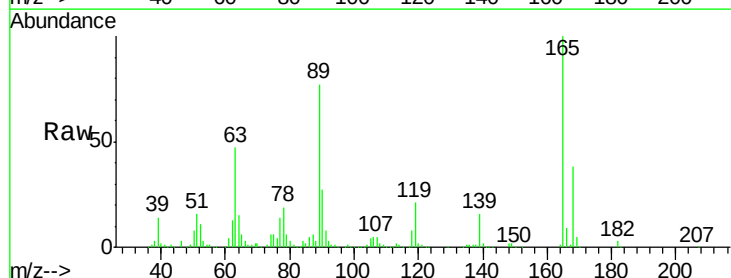
Tgt Ion:165 Resp: 487847

Ion Ratio Lower Upper

165 100

63 47.3 36.2 54.2

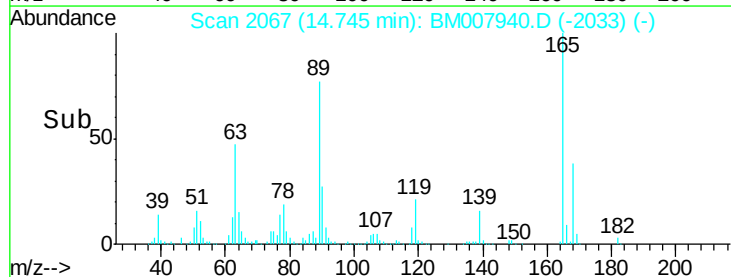
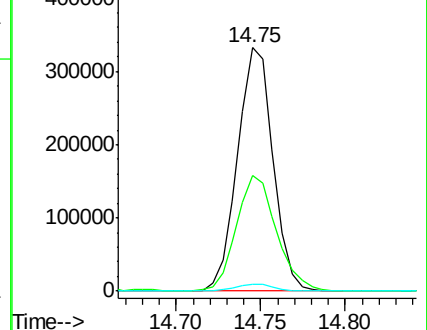
182 3.0 2.2 3.4

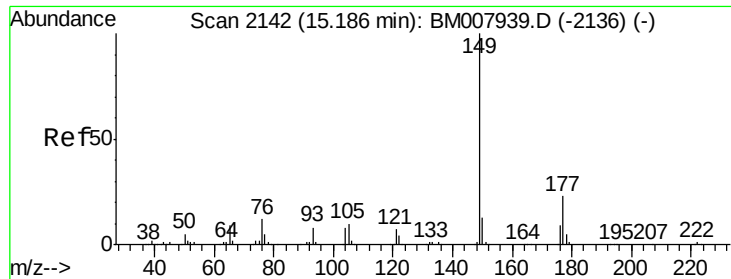


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

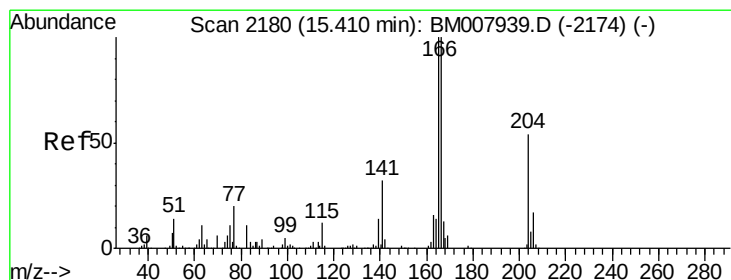
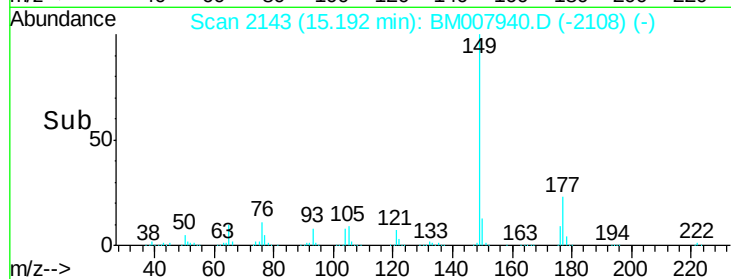
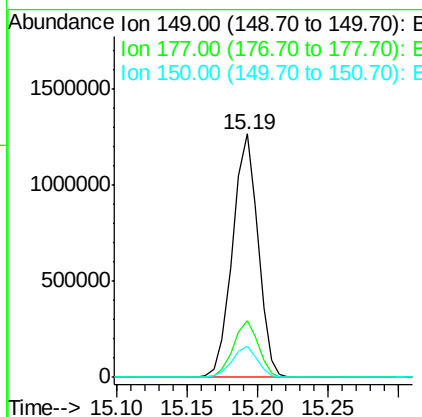
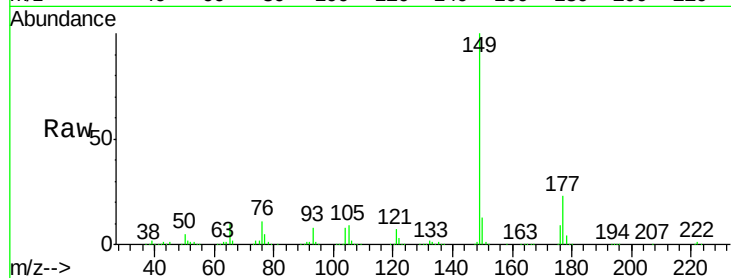




#56
Diethylphthalate
Concen: 53.81 ng/ul
RT: 15.19 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BM007940.D
Acq: 17 Nov 2016 15:35

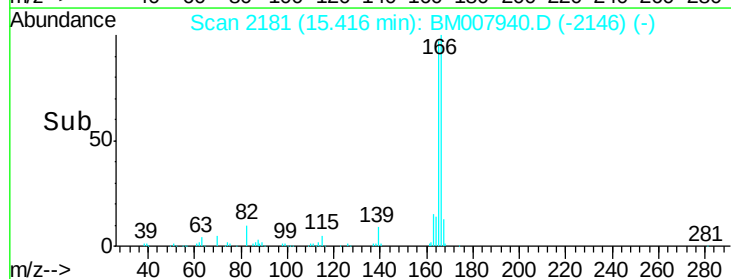
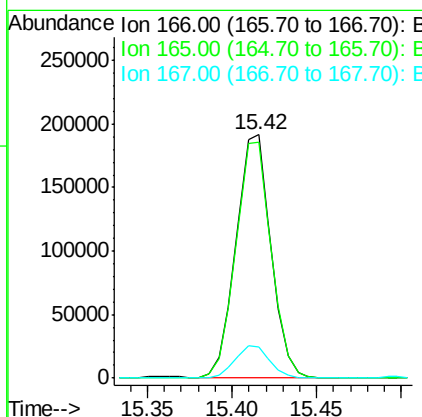
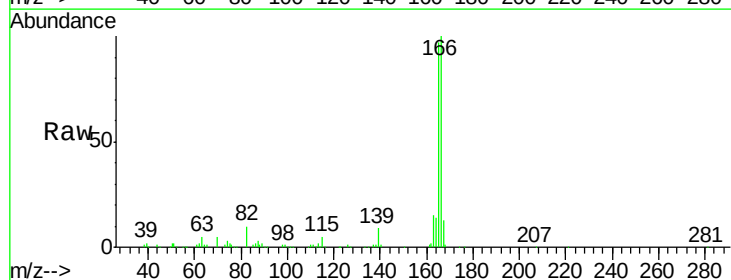
Instrument :
BNA_M
ClientSampleId :
A4WK2

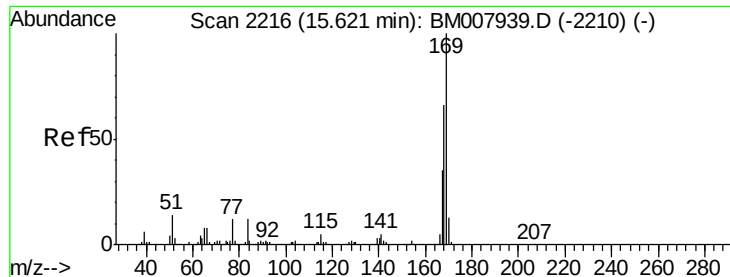
Tgt Ion:149 Resp: 1594270
Ion Ratio Lower Upper
149 100
177 23.4 18.6 28.0
150 12.7 10.0 15.0



#58
Fluorene
Concen: 9.30 ng/ul
RT: 15.42 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BM007940.D
Acq: 17 Nov 2016 15:35

Tgt Ion:166 Resp: 276015
Ion Ratio Lower Upper
166 100
165 96.9 79.9 119.9
167 12.7 10.5 15.7





#64

N-Nitrosodiphenylamine

Concen: 58.76 ng/ul

RT: 15.63 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

Instrument :

BNA_M

ClientSampleId :

A4WK2

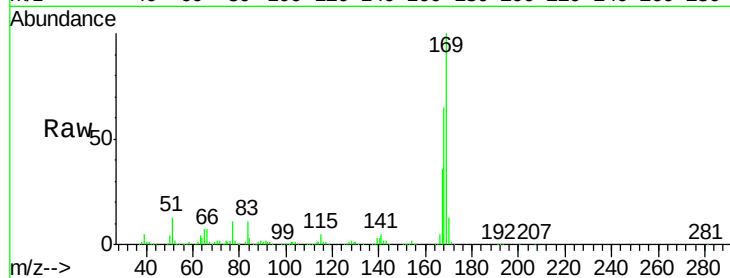
Tgt Ion:169 Resp: 1475949

Ion Ratio Lower Upper

169 100

168 65.2 52.6 79.0

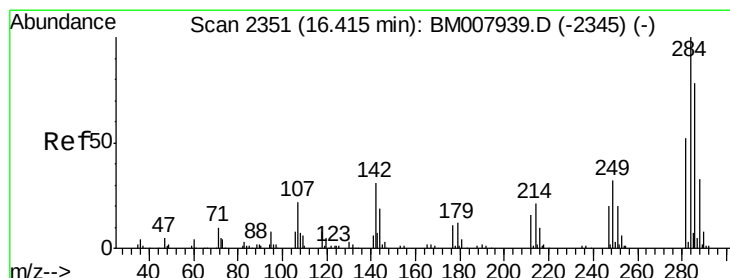
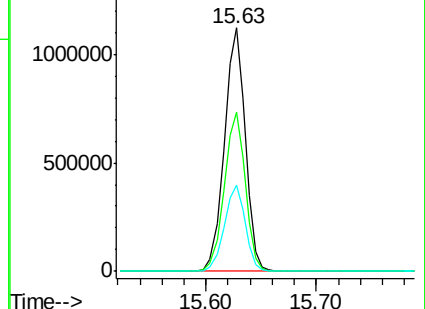
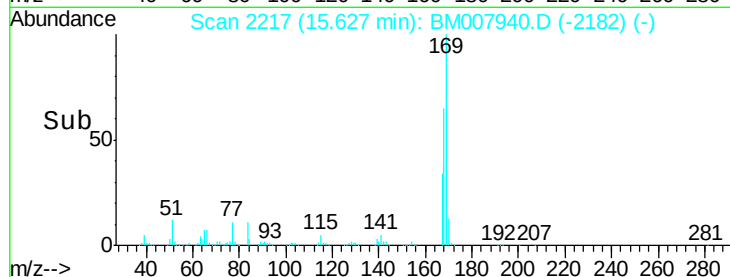
167 35.6 28.6 43.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

Hexachlorobenzene

Concen: 45.34 ng/ul

RT: 16.42 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

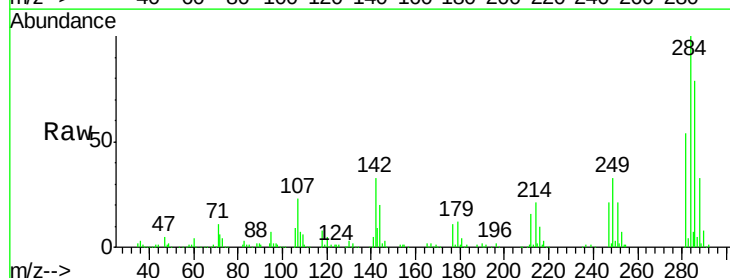
Tgt Ion:284 Resp: 502187

Ion Ratio Lower Upper

284 100

142 33.1 24.9 37.3

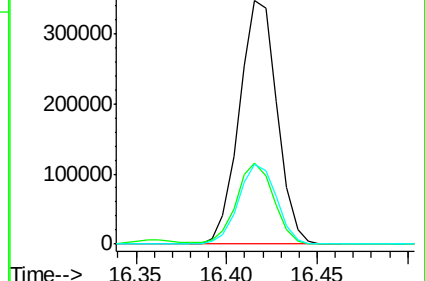
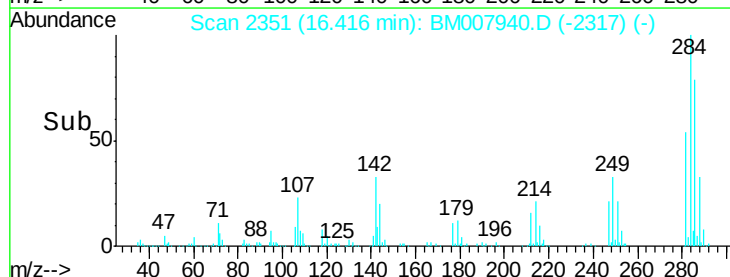
249 32.9 25.5 38.3

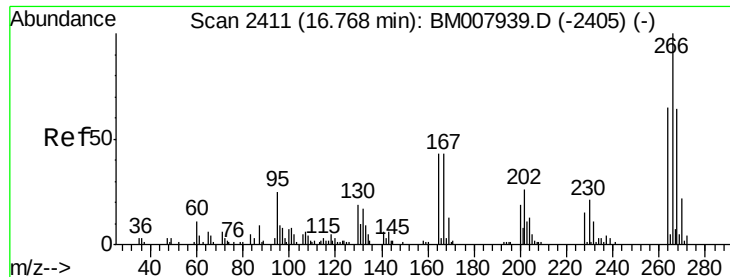


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

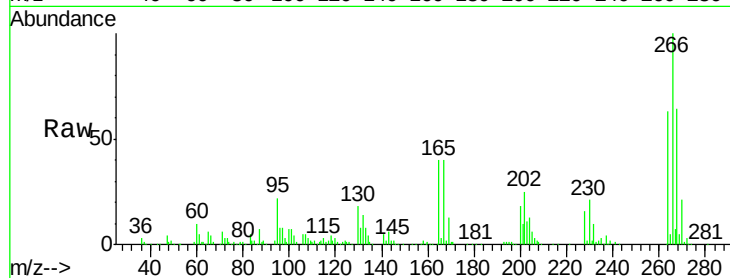




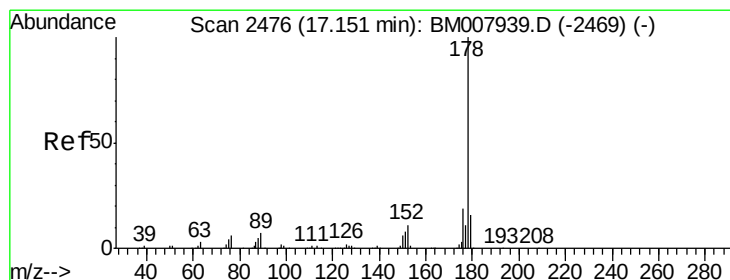
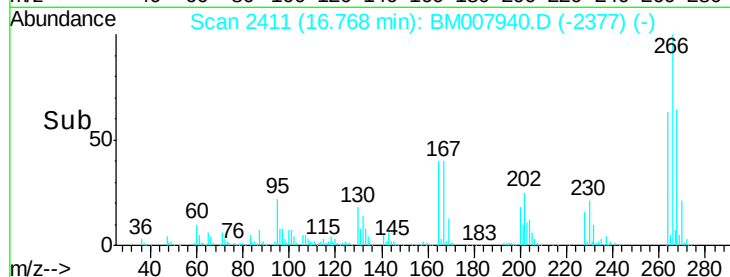
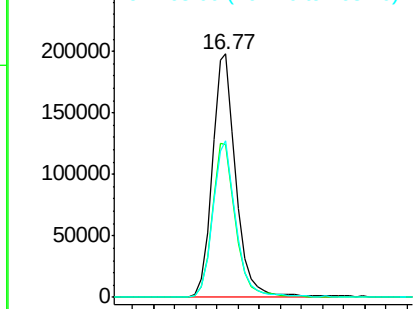
#68
 Pentachlorophenol
 Concen: 49.66 ng/ul
 RT: 16.77 min Scan# 2411
 Delta R.T. 0.00 min
 Lab File: BM007940.D
 Acq: 17 Nov 2016 15:35

Instrument :
 BNA_M
 ClientSampled :
 A4WK2

Tgt Ion:266 Resp: 310358
 Ion Ratio Lower Upper
 266 100
 264 62.7 50.6 75.8
 268 64.5 51.0 76.6

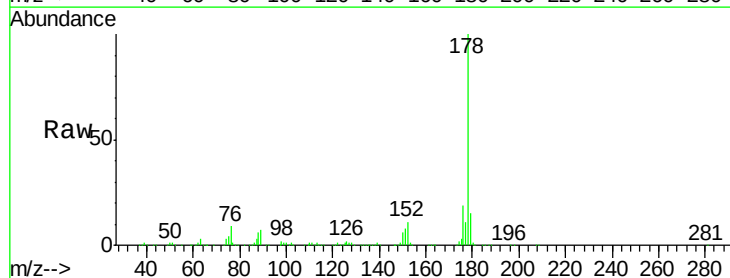


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

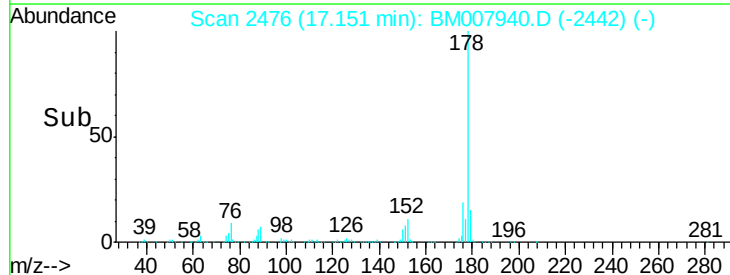
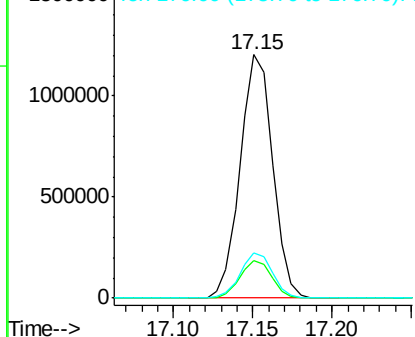


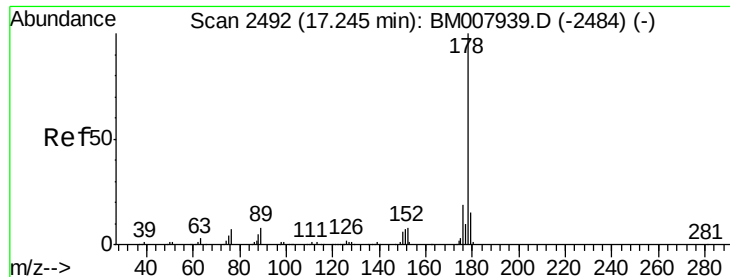
#69
 Phenanthrene
 Concen: 36.57 ng/ul
 RT: 17.15 min Scan# 2476
 Delta R.T. 0.00 min
 Lab File: BM007940.D
 Acq: 17 Nov 2016 15:35

Tgt Ion:178 Resp: 1711024
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.2 18.2
 176 18.8 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

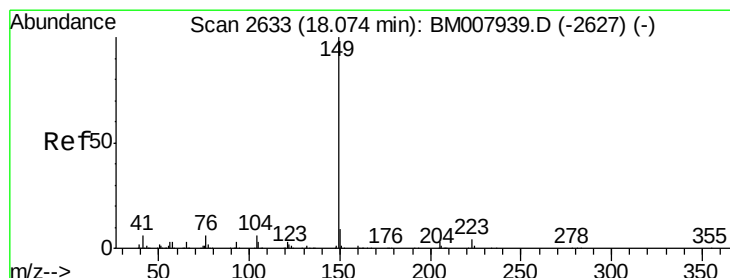
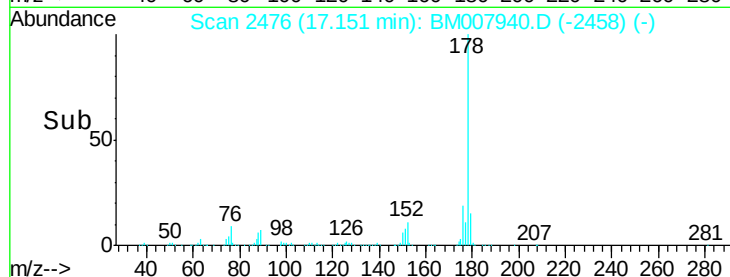
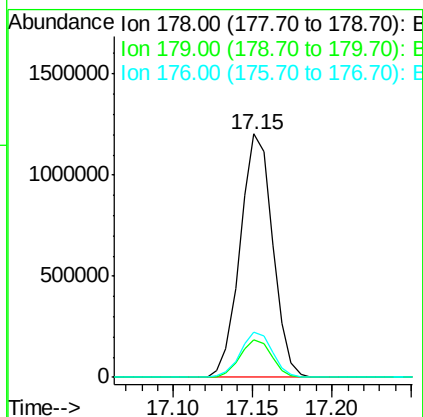
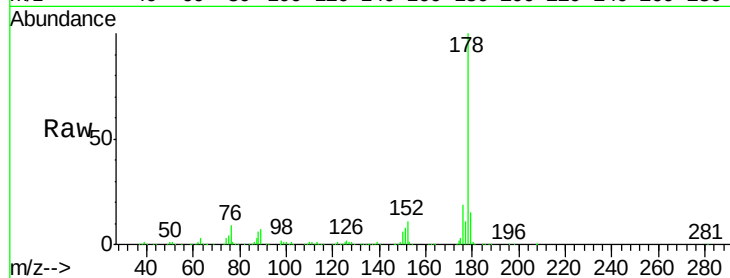




#71
 Anthracene
 Concen: 35.97 ng/ul
 RT: 17.15 min Scan# 2476
 Delta R.T. -0.09 min
 Lab File: BM007940.D
 Acq: 17 Nov 2016 15:35

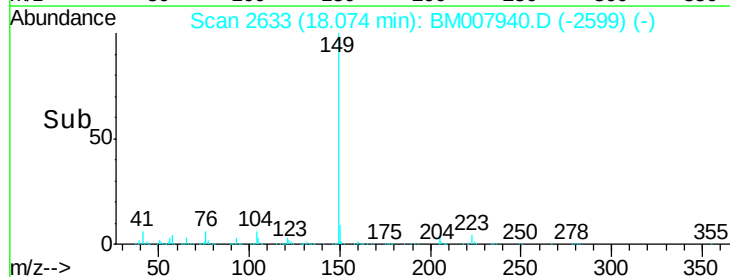
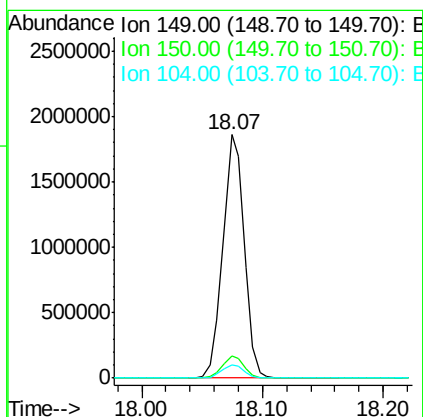
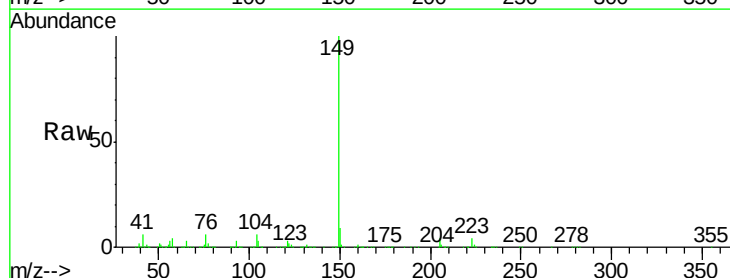
Instrument :
 BNA_M
 ClientSampleId :
 A4WK2

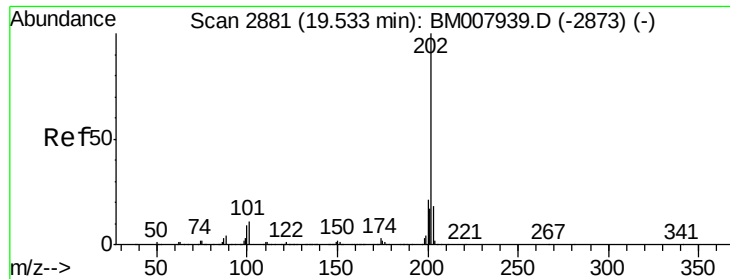
Tgt Ion:178 Resp: 1711024
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.1 18.1
 176 18.8 14.5 21.7



#73
 Di-n-butylphthalate
 Concen: 48.98 ng/ul
 RT: 18.07 min Scan# 2633
 Delta R.T. 0.00 min
 Lab File: BM007940.D
 Acq: 17 Nov 2016 15:35

Tgt Ion:149 Resp: 2267468
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.7 4.6 7.0

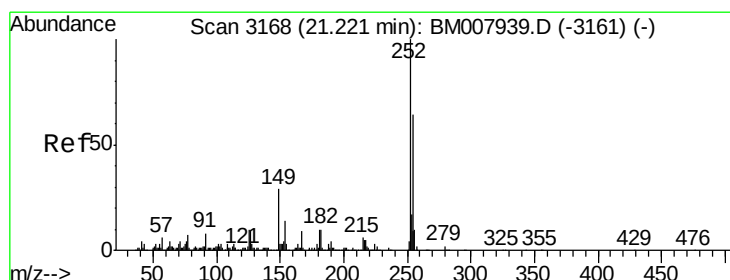
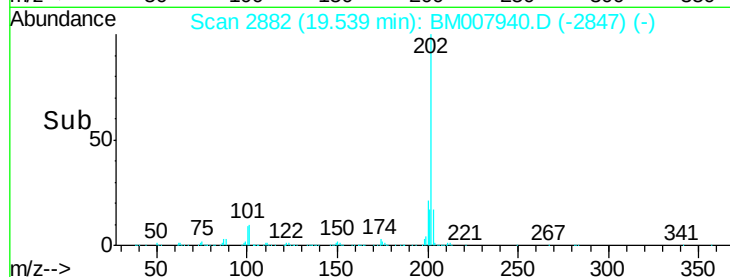
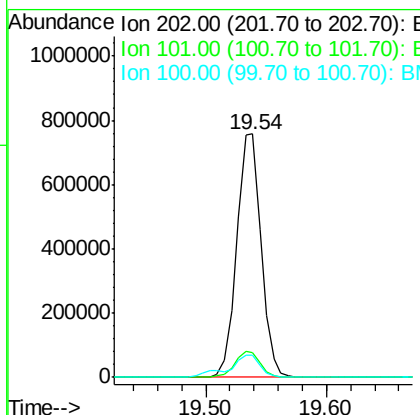
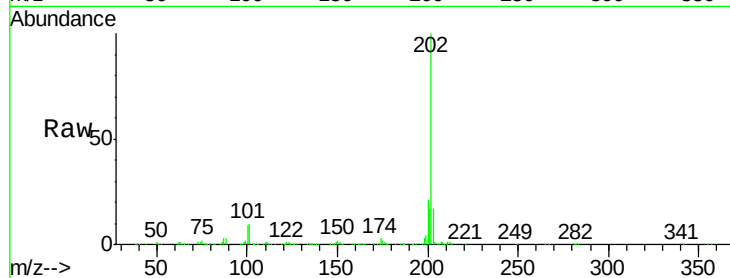




#77
 Pyrene
 Concen: 18.81 ng/ul
 RT: 19.54 min Scan# 2882
 Delta R.T. 0.01 min
 Lab File: BM007940.D
 Acq: 17 Nov 2016 15:35

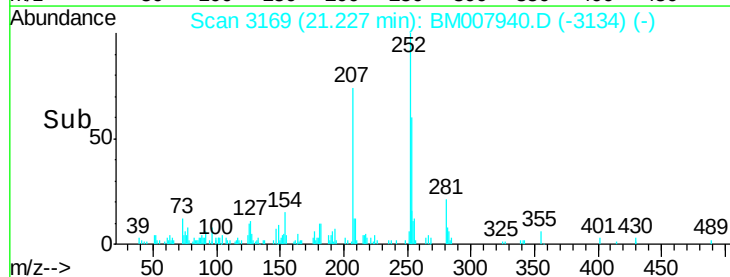
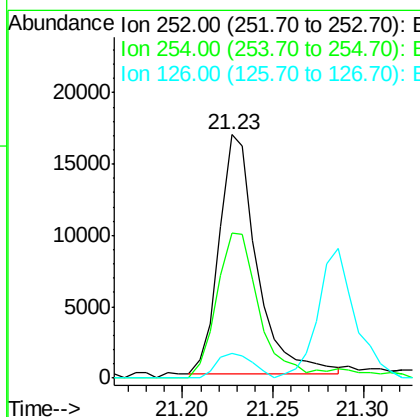
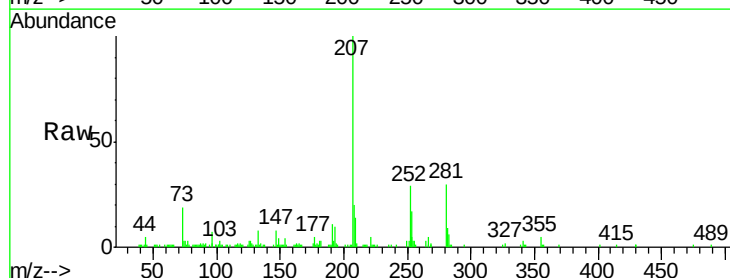
Instrument :
 BNA_M
 ClientSampleId :
 A4WK2

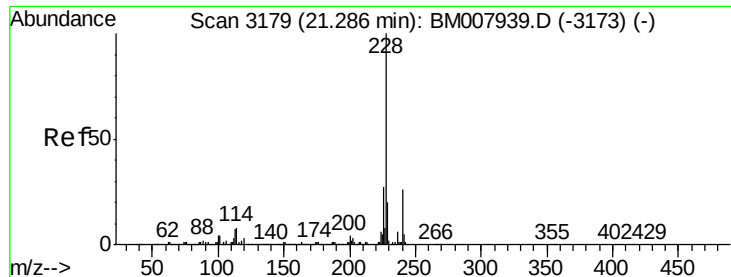
Tgt Ion:202 Resp: 1068952
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.4 12.6
 100 8.9 6.9 10.3



#79
 3,3'-Dichlorobenzidine
 Concen: 1.24 ng/ul
 RT: 21.23 min Scan# 3169
 Delta R.T. 0.01 min
 Lab File: BM007940.D
 Acq: 17 Nov 2016 15:35

Tgt Ion:252 Resp: 24298
 Ion Ratio Lower Upper
 252 100
 254 59.7 51.0 76.4
 126 10.0 7.1 10.7





#80

Benzo(a)anthracene

Concen: 45.61 ng/ul

RT: 21.29 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

Instrument :

BNA_M

ClientSampleId :

A4WK2

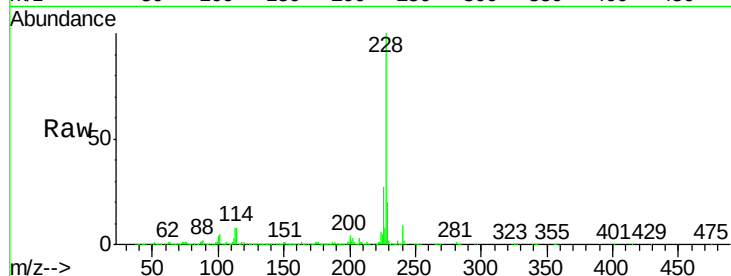
Tgt Ion:228 Resp: 2695676

Ion Ratio Lower Upper

228 100

229 19.6 15.6 23.4

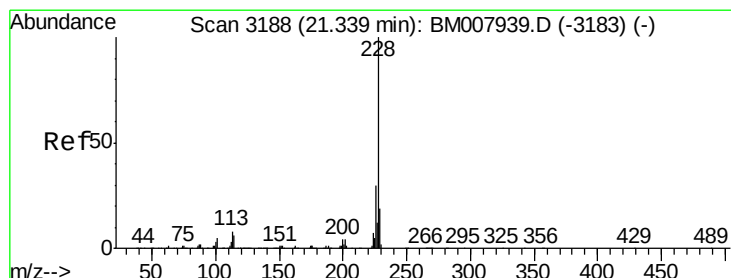
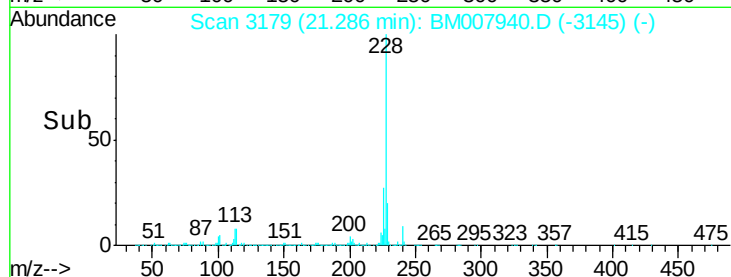
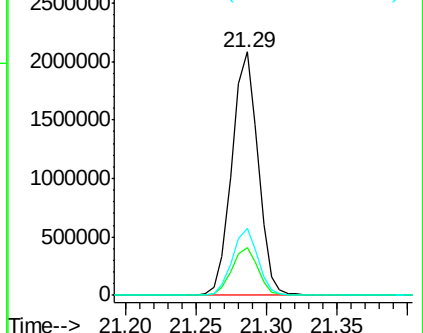
226 27.3 21.8 32.8



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



#82

Chrysene

Concen: 47.59 ng/ul

RT: 21.29 min Scan# 3179

Delta R.T. -0.05 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

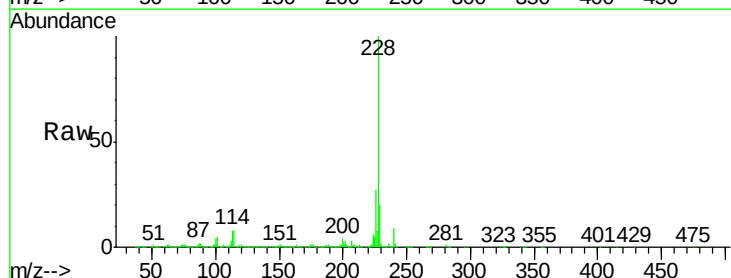
Tgt Ion:228 Resp: 2695676

Ion Ratio Lower Upper

228 100

226 27.3 23.4 35.2

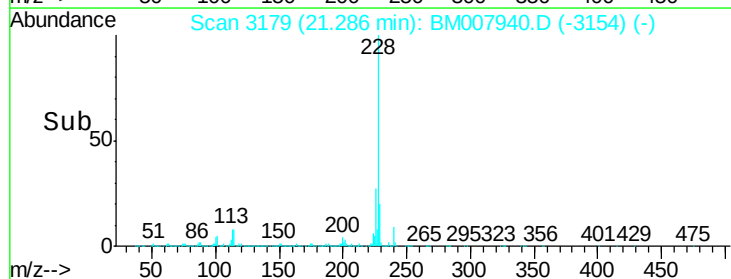
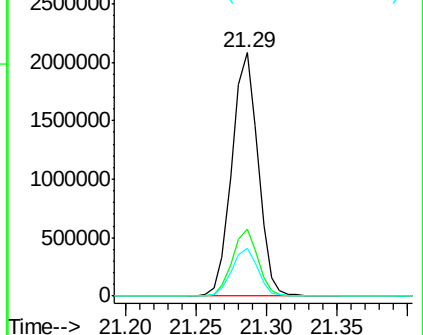
229 19.6 15.5 23.3

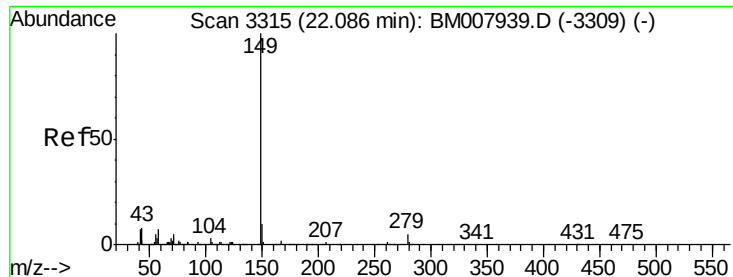


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 31.92 ng/ul

RT: 22.09 min Scan# 3315

Delta R.T. 0.00 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

Instrument :

BNA_M

ClientSampleId :

A4WK2

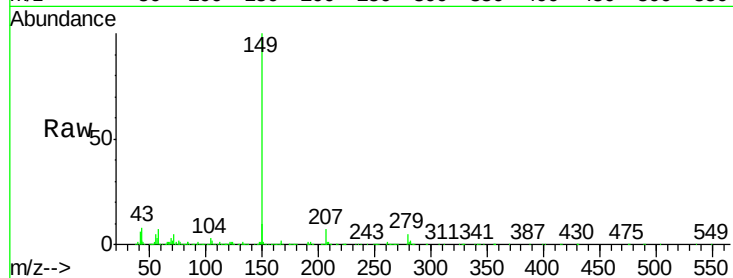
Tgt Ion:149 Resp: 1839015

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

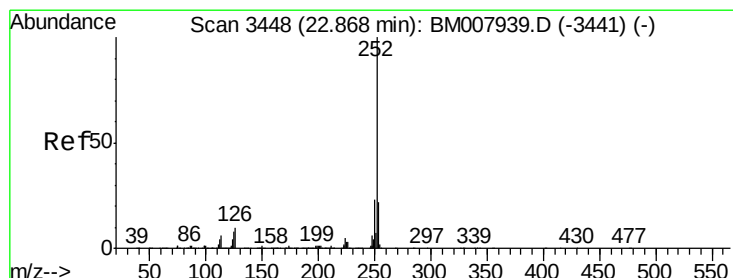
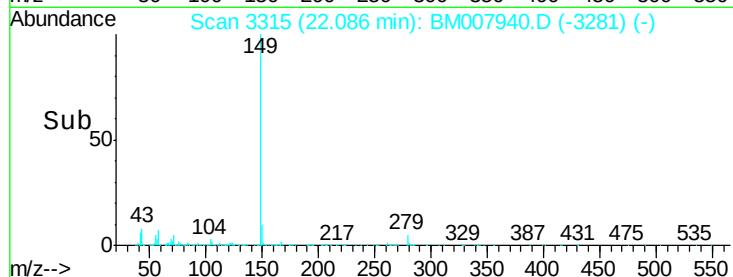
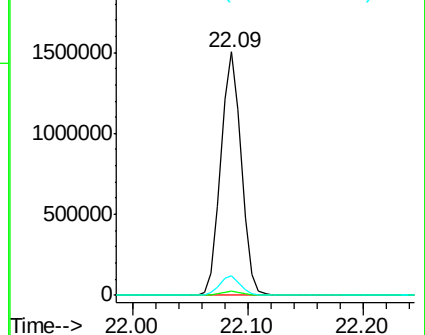
43 8.0 6.6 10.0



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: 36.24 ng/ul

RT: 22.87 min Scan# 3449

Delta R.T. 0.01 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

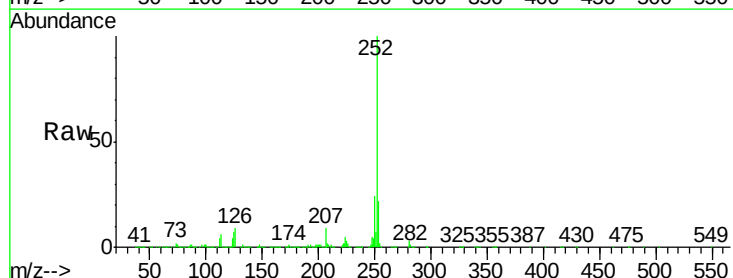
Tgt Ion:252 Resp: 2312496

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

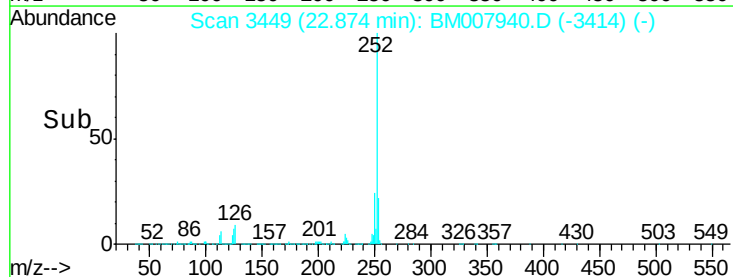
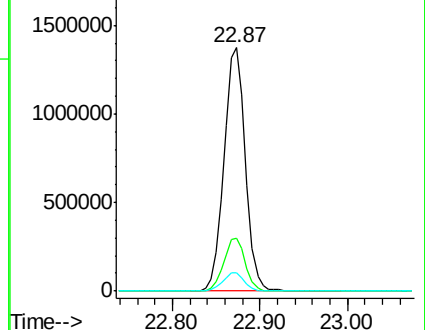
125 7.4 5.8 8.8

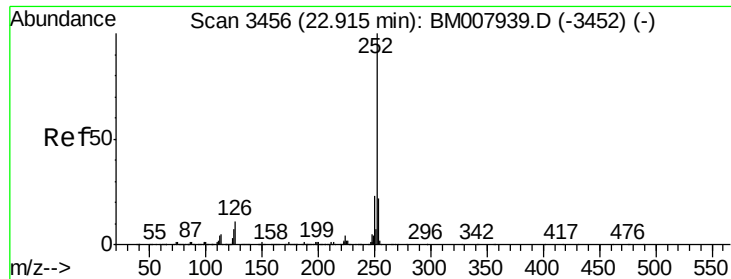


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 38.82 ng/ul

RT: 22.87 min Scan# 3449

Delta R.T. -0.04 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

Instrument :

BNA_M

ClientSampleId :

A4WK2

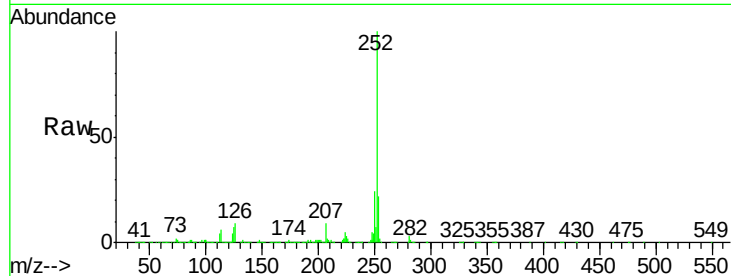
Tgt Ion:252 Resp: 2312496

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

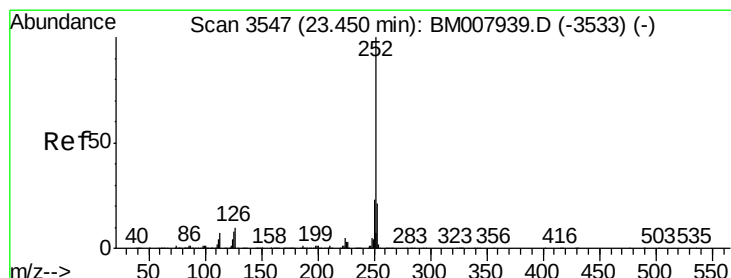
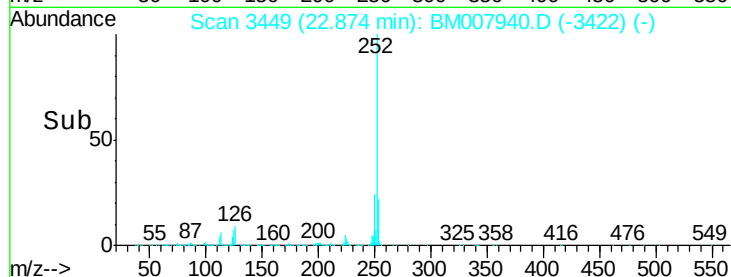
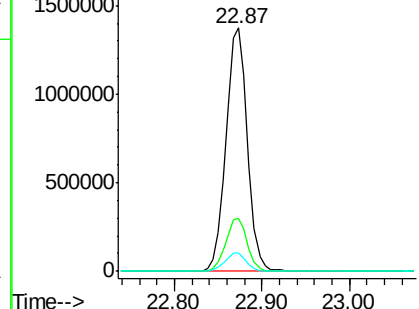
125 7.4 5.7 8.5



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



#88

Benzo(a)pyrene

Concen: 22.56 ng/ul

RT: 23.45 min Scan# 3547

Delta R.T. 0.00 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

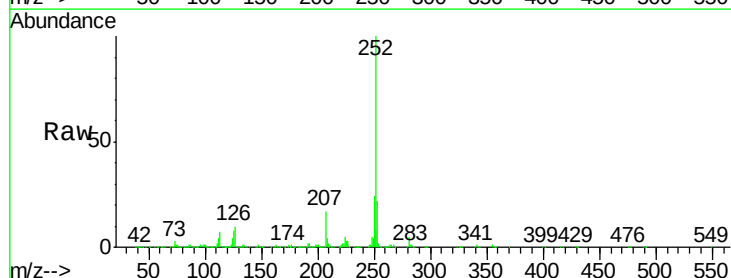
Tgt Ion:252 Resp: 1369022

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

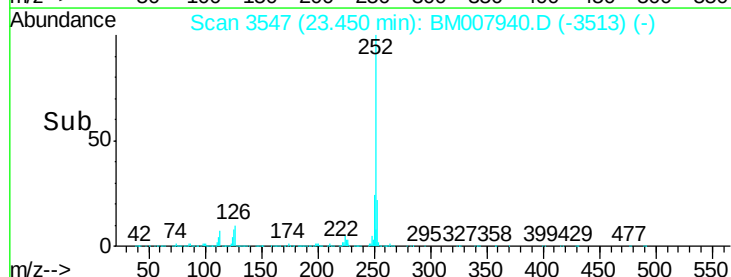
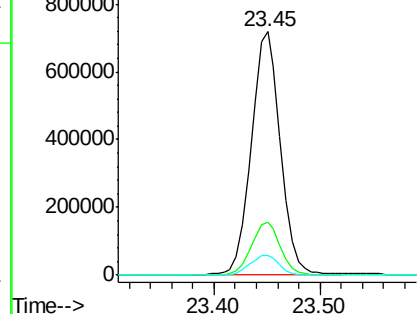
125 8.1 6.6 9.8

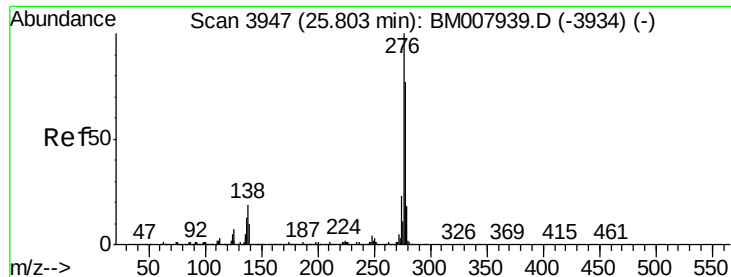


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 10.72 ng/ul

RT: 25.81 min Scan# 3949

Delta R.T. 0.01 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

Instrument :

BNA_M

ClientSampleId :

A4WK2

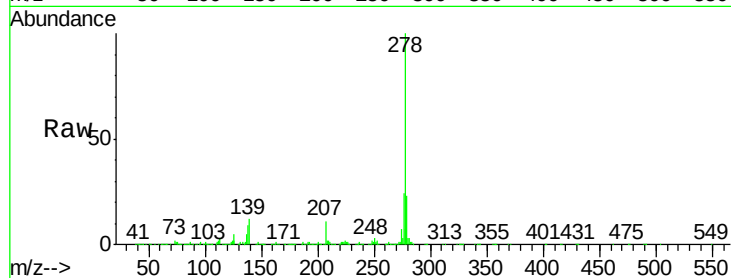
Tgt Ion:276 Resp: 780681

Ion Ratio Lower Upper

276 100

138 35.9 13.9 20.9#

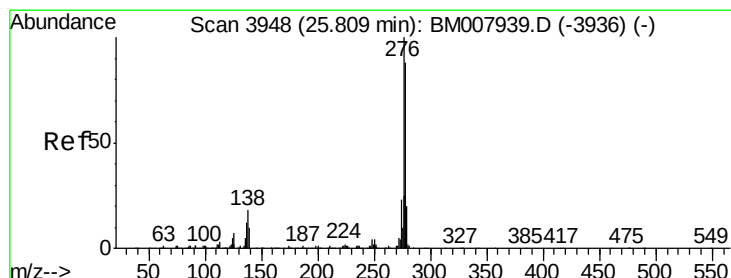
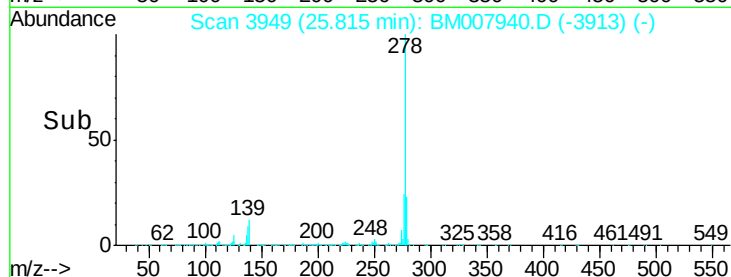
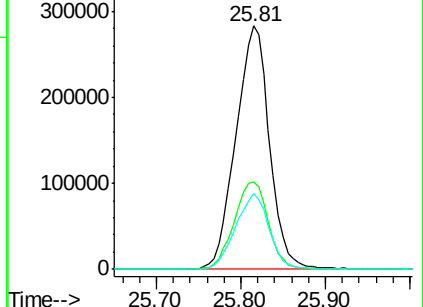
277 31.1 20.1 30.1#



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



#90

Dibenzo(a,h)anthracene

Concen: 54.00 ng/ul

RT: 25.81 min Scan# 3949

Delta R.T. 0.01 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

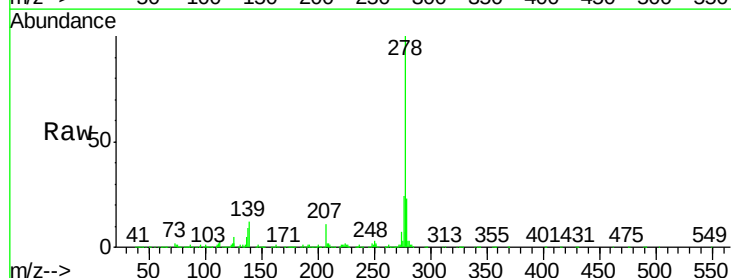
Tgt Ion:278 Resp: 3312810

Ion Ratio Lower Upper

278 100

139 12.3 9.5 14.3

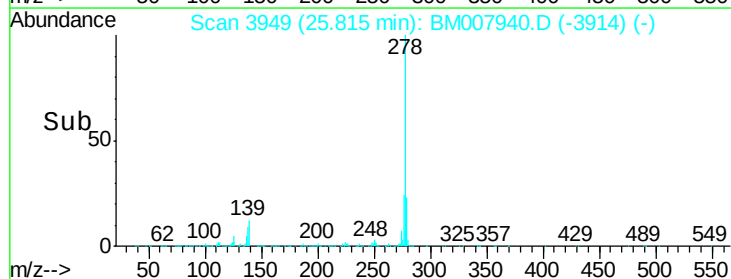
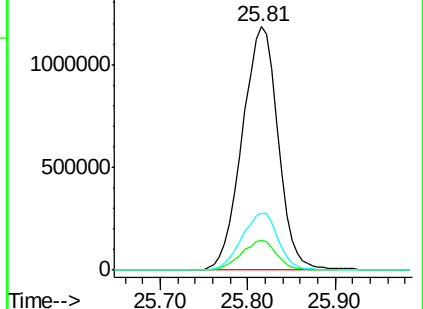
279 23.5 19.1 28.7

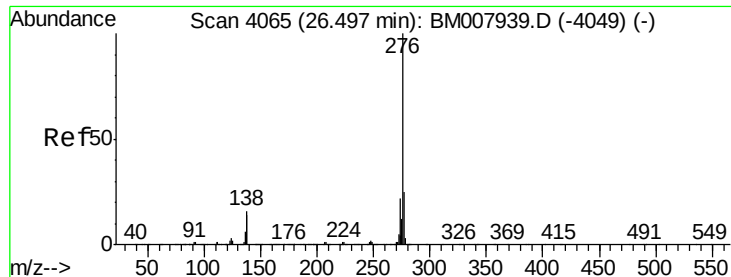


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 28.57 ng/ul

RT: 26.50 min Scan# 4065

Delta R.T. 0.00 min

Lab File: BM007940.D

Acq: 17 Nov 2016 15:35

Instrument :

BNA_M

ClientSampleId :

A4WK2

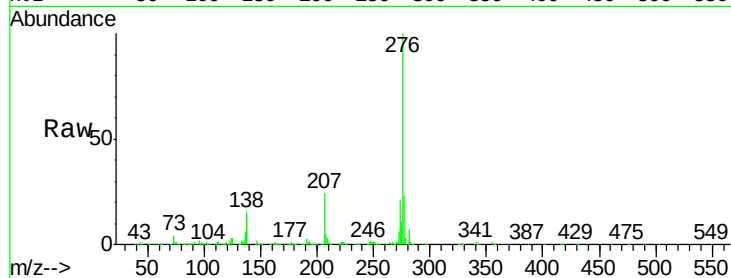
Tgt Ion:276 Resp: 1742756

Ion Ratio Lower Upper

276 100

138 15.5 13.5 20.3

277 23.0 19.3 28.9



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

