

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122115\
 Data File : BM003682.D
 Acq On : 21 Dec 2015 17:46
 Operator : UM/SJ
 Sample : G4792-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N23

Quant Time: Dec 22 02:20:57 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 02:16:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	42854	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	183741	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	97710	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	207591	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	200764	20.00	ng/ul	0.01
86) Perylene-d12	23.56	264	193460	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	5858	7.36	ng/uL	0.00
5) Phenol-d5	6.86	99	114983	31.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	65251	33.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	101767	34.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	95165	30.42	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	48497	36.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	54587	36.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	94682	34.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	9546	2.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	280654	34.75	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	339555	36.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	50947	32.39	ng/ul	0.00
58) Fluorene-d10	15.34	176	229056	34.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	40451	34.57	ng/ul	0.00
71) Anthracene-d10	17.20	188	346586	36.69	ng/ul	0.00
79) Pyrene-d10	19.50	212	362654	41.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	354890	36.93	ng/ul	0.01

Target Compounds

						Qvalue
4) Benzaldehyde	6.83	77	5190	2.49	ng/ul	98
10) 2-Chlorophenol	7.26	128	119781	39.10	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.22	45	157509	55.53	ng/ul	99
14) Acetophenone	8.51	105	175245	35.86	ng/ul	99
17) Hexachloroethane	8.76	117	23583	20.24	ng/ul	99
20) Nitrobenzene	8.89	77	191003	62.04	ng/ul	100
23) 2-Nitrophenol	9.60	139	84505	50.80	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	69684	24.50	ng/ul	99
28) Naphthalene	10.53	128	154902	16.36	ng/ul	99
33) 4-Chloro-3-methylphenol	11.79	107	147258	44.12	ng/ul	99
35) 1-Methylnaphthalene	12.37	142	284707	42.40	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	64098	21.68	ng/ul	99
39) 2,4,6-Trichlorophenol	12.77	196	67671	33.87	ng/ul	99
40) 2,4,5-Trichlorophenol	12.77	196	67671	30.66	ng/ul	99
41) 1,1'-Biphenyl	13.18	154	328401	41.38	ng/ul	99
43) 2-Nitroaniline	13.43	65	46146	27.97	ng/ul	100
45) Dimethylphthalate	13.84	163	40227	4.87	ng/ul#	96
46) 2,6-Dinitrotoluene	13.93	165	68864	42.78	ng/ul	95
48) Acenaphthylene	14.07	152	520949	51.82	ng/ul	100
50) Acenaphthene	14.42	153	31373	4.67	ng/ul	98
53) 4-Nitrophenol	14.59	109	77185	57.98	ng/ul	96
54) Dibenzofuran	14.75	168	195009	20.35	ng/ul	100
55) 2,4-Dinitrotoluene	14.73	165	117000	47.86	ng/ul	99

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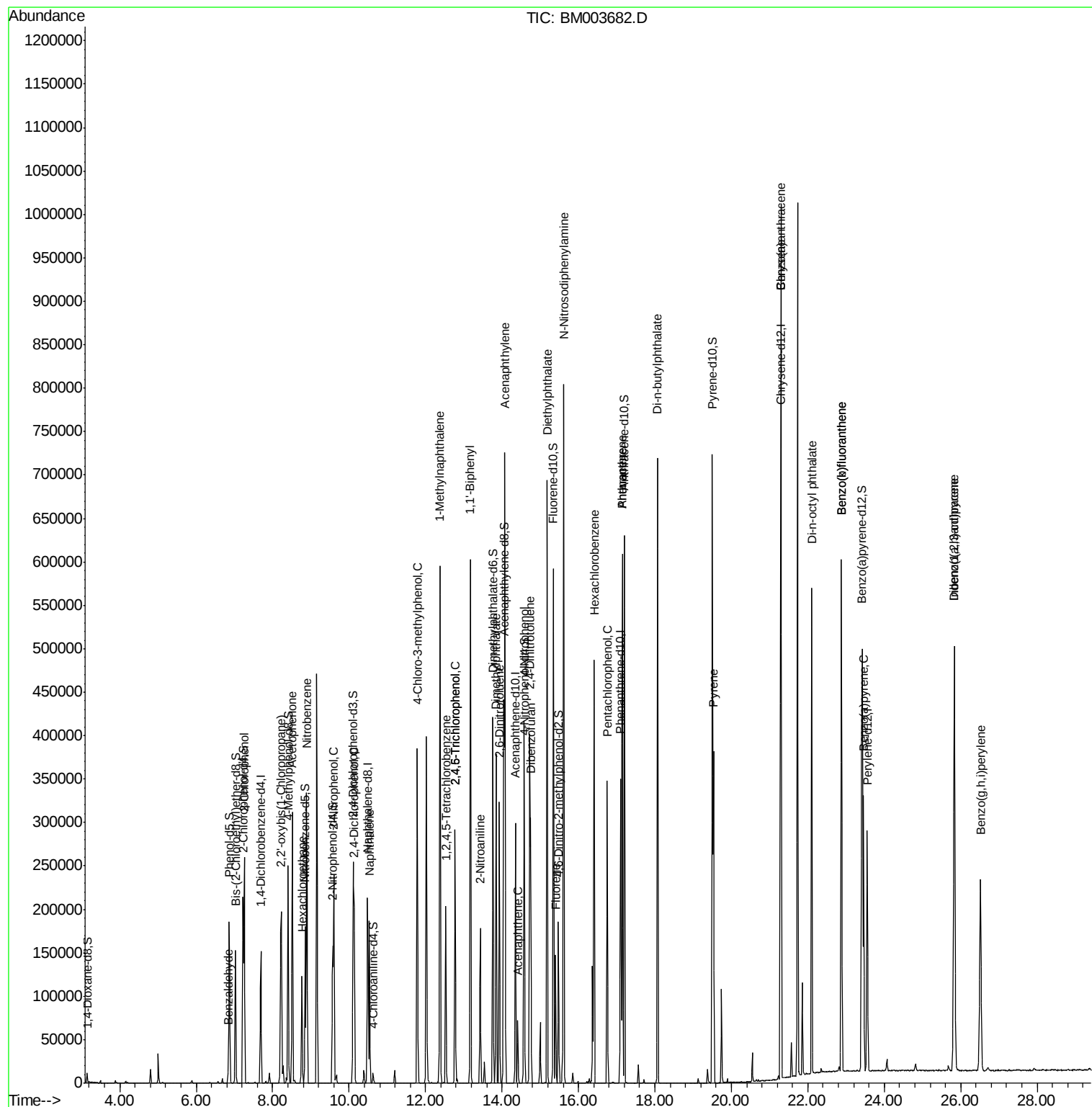
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) Diethylphthalate	15.18	149	386246	44.19	ng/ul	99
59) Fluorene	15.40	166	65659	8.54	ng/ul	100
65) N-Nitrosodiphenylamine	15.62	169	315740	51.96	ng/ul	99
67) Hexachlorobenzene	16.41	284	96861	42.13	ng/ul	99
69) Pentachlorophenol	16.76	266	56520	43.58	ng/ul	99
70) Phenanthrene	17.14	178	376996	32.83	ng/ul	99
72) Anthracene	17.14	178	376996	32.19	ng/ul	99
76) Di-n-butylphthalate	18.07	149	536346	38.57	ng/ul	100
80) Pyrene	19.53	202	222529	19.26	ng/ul	99
83) Benzo(a)anthracene	21.29	228	488931	40.40	ng/ul	100
85) Chrysene	21.29	228	488931	41.89	ng/ul	97
87) Di-n-octyl phthalate	22.10	149	400676	29.98	ng/ul	100
88) Benzo(b)fluoranthene	22.88	252	385775	33.07	ng/ul	99
89) Benzo(k)fluoranthene	22.88	252	300474	27.19	ng/ul	100
91) Benzo(a)pyrene	23.46	252	227353	20.38	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.83	276	119778	9.98	ng/ul#	71
93) Dibenzo(a,h)anthracene	25.83	278	513825	51.01	ng/ul	99
94) Benzo(g,h,i)perylene	26.52	276	269110	27.29	ng/ul	98

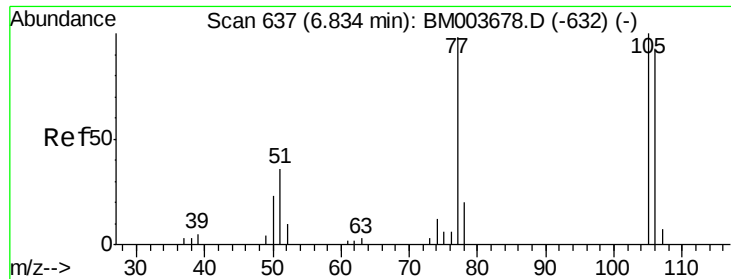
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 2.49 ng/ul

RT: 6.83 min Scan# 637

Delta R.T. 0.00 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

Instrument :

BNA_M

ClientSampleId :

D9N23

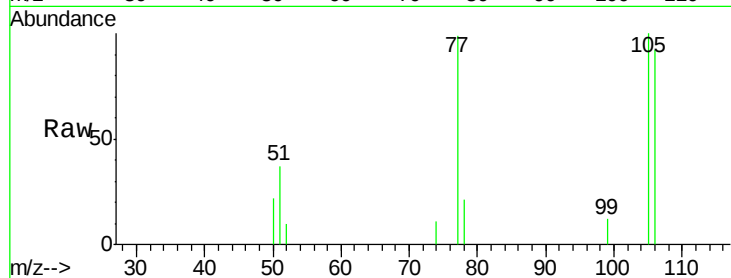
Tgt Ion: 77 Resp: 5190

Ion Ratio Lower Upper

77 100

105 101.5 80.6 120.8

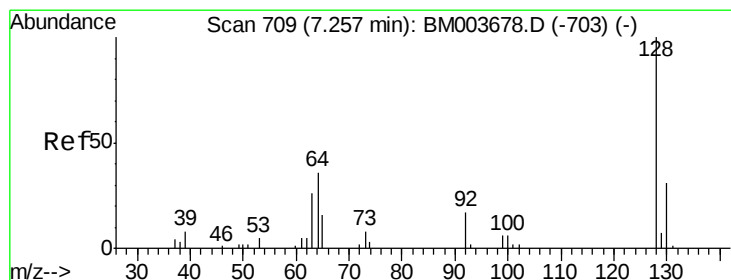
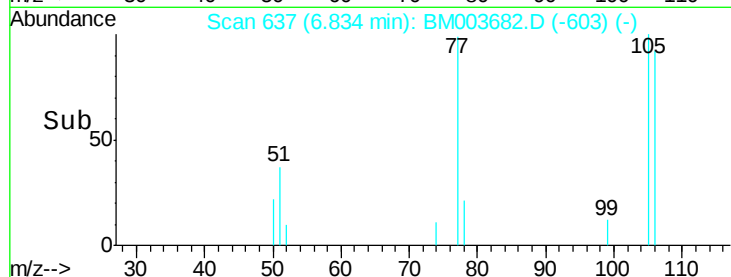
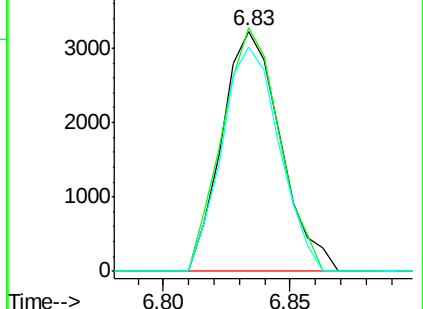
106 93.7 77.7 116.5



Abundance Ion 77.00 (76.70 to 77.70): BM003678.D (-632) (-)

Ion 105.00 (104.70 to 105.70): BM003678.D (-632) (-)

Ion 106.00 (105.70 to 106.70): BM003678.D (-632) (-)



#10

2-Chlorophenol

Concen: 39.10 ng/ul

RT: 7.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

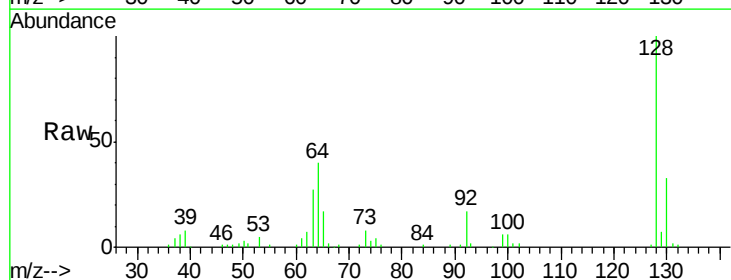
Tgt Ion: 128 Resp: 119781

Ion Ratio Lower Upper

128 100

64 39.7 31.9 47.9

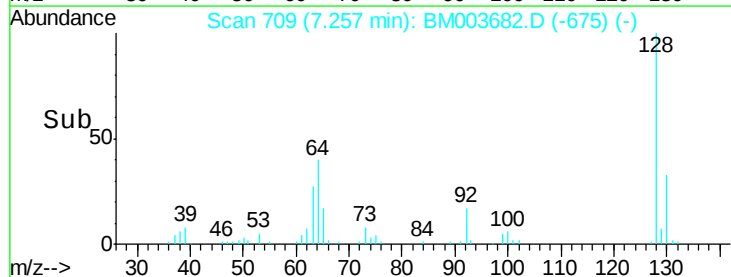
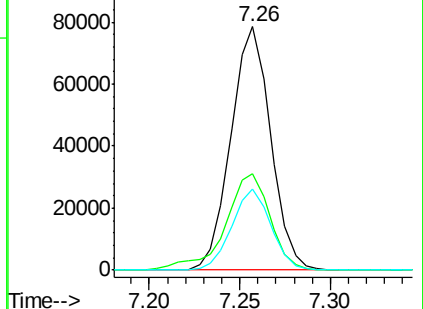
130 33.3 25.6 38.4

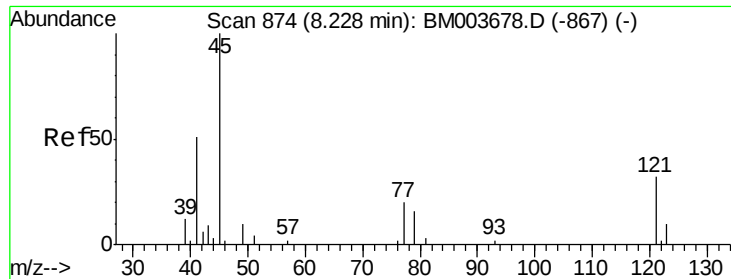


Abundance Ion 128.00 (127.70 to 128.70): BM003678.D (-703) (-)

Ion 64.00 (63.70 to 64.70): BM003678.D (-703) (-)

Ion 130.00 (129.70 to 130.70): BM003678.D (-703) (-)

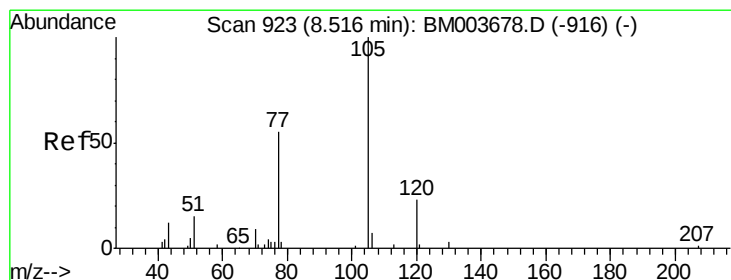
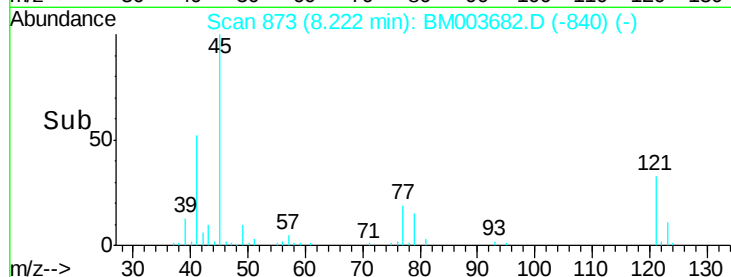
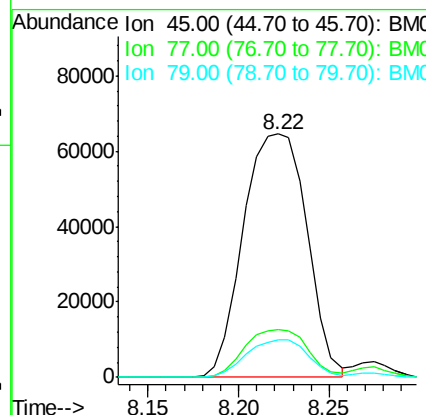
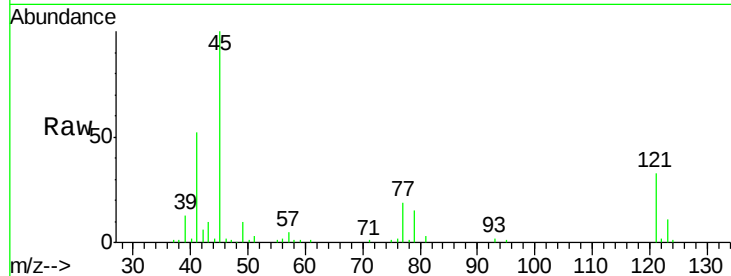




#12
2,2'-oxybis(1-Chloropropane)
Concen: 55.53 ng/ul
RT: 8.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BM003682.D
Acq: 21 Dec 2015 17:46

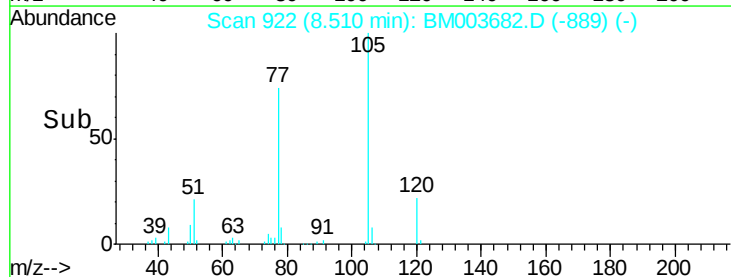
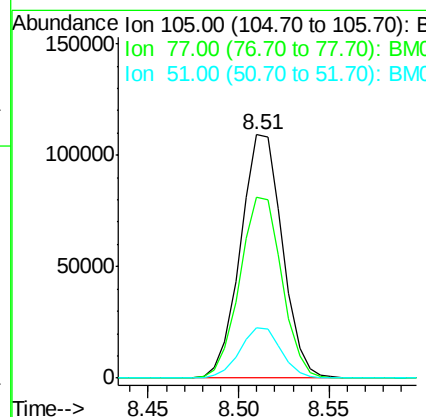
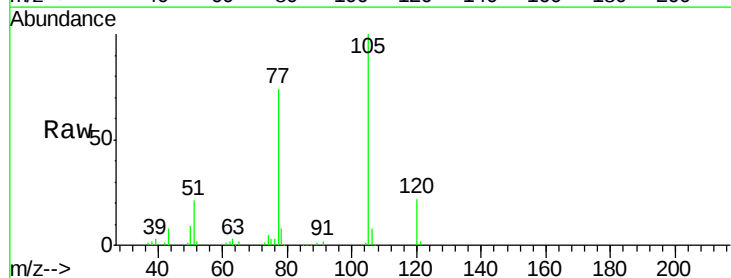
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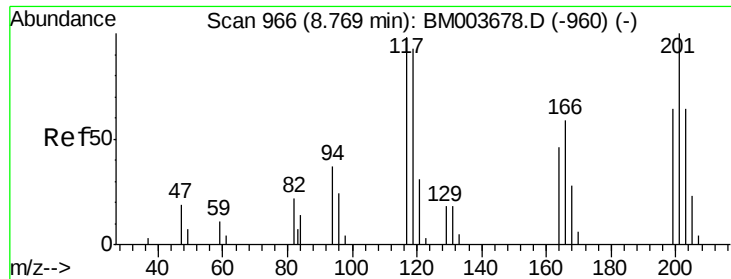
Tgt Ion: 45 Resp: 157509
Ion Ratio Lower Upper
45 100
77 19.4 15.9 23.9
79 15.2 12.5 18.7



#14
Acetophenone
Concen: 35.86 ng/ul
RT: 8.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BM003682.D
Acq: 21 Dec 2015 17:46

Tgt Ion: 105 Resp: 175245
Ion Ratio Lower Upper
105 100
77 74.5 59.0 88.4
51 20.7 16.4 24.6

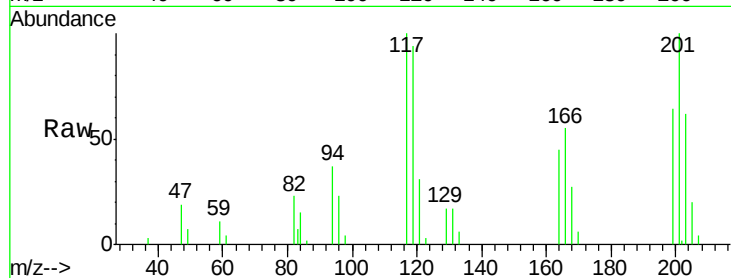




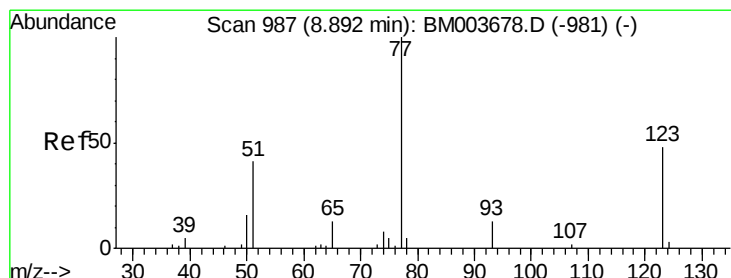
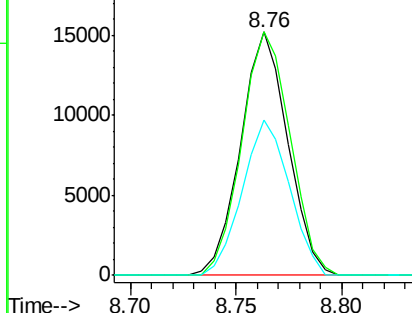
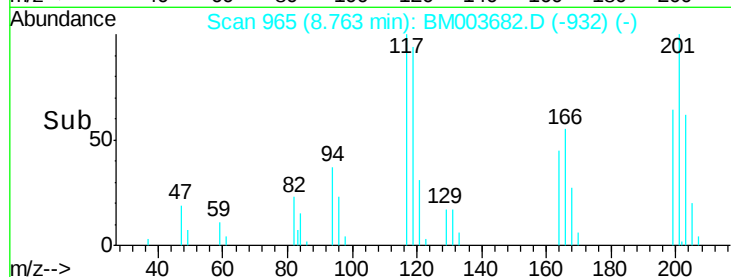
#17
Hexachloroethane
Concen: 20.24 ng/ul
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BM003682.D
Acq: 21 Dec 2015 17:46

Instrument :
BNA_M
ClientSampleId :
D9N23

Tgt Ion: 117 Resp: 23583
Ion Ratio Lower Upper
117 100
201 100.0 81.5 122.3
199 63.6 50.6 76.0

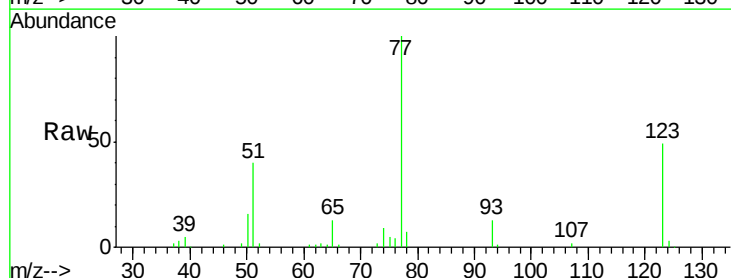


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

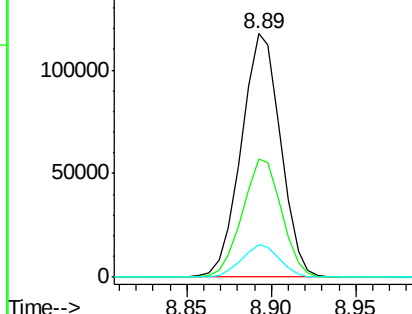
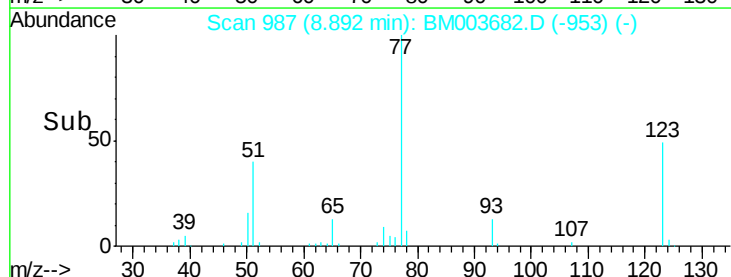


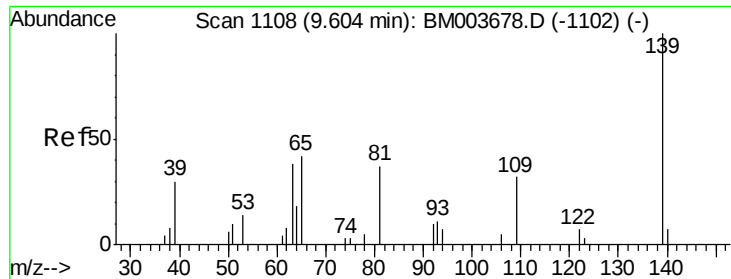
#20
Nitrobenzene
Concen: 62.04 ng/ul
RT: 8.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BM003682.D
Acq: 21 Dec 2015 17:46

Tgt Ion: 77 Resp: 191003
Ion Ratio Lower Upper
77 100
123 48.6 39.0 58.4
65 13.2 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM

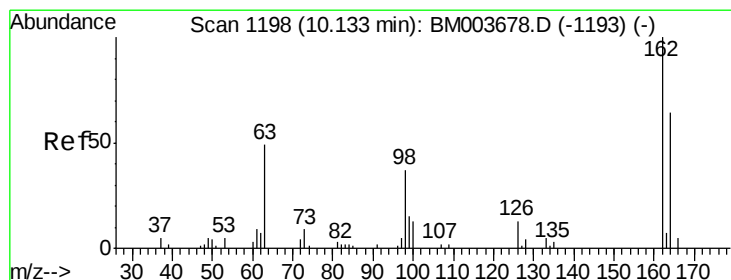
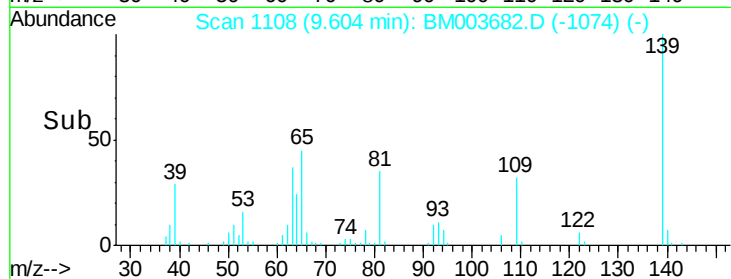
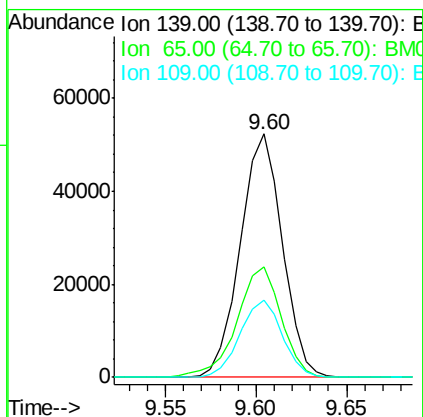
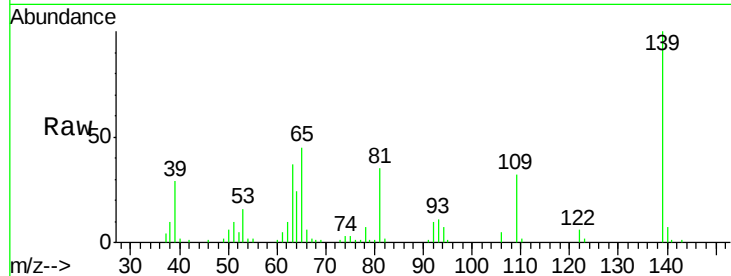




#23
2-Nitrophenol
Concen: 50.80 ng/ul
RT: 9.60 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BM003682.D
Acq: 21 Dec 2015 17:46

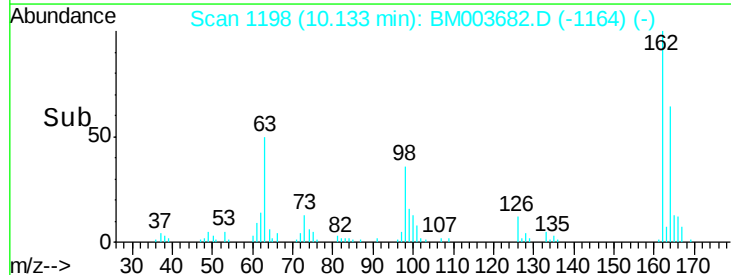
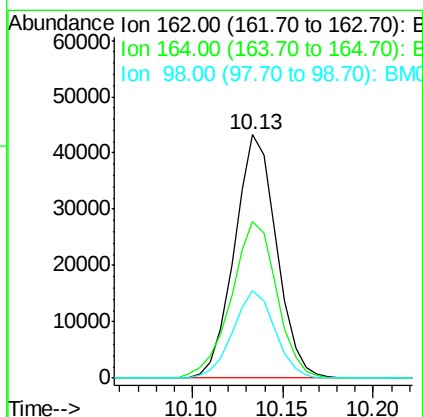
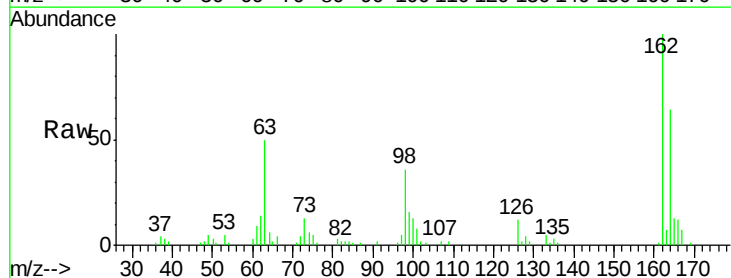
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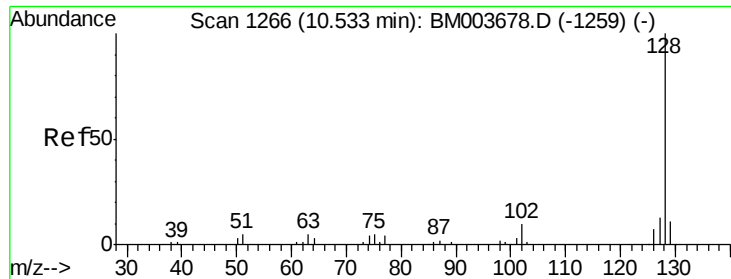
Tgt Ion	Ratio	Lower	Upper
139	100		
65	45.2	36.3	54.5
109	31.7	26.4	39.6



#27
2,4-Dichlorophenol
Concen: 24.50 ng/ul
RT: 10.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BM003682.D
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Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	52.1	78.1
98	36.1	28.4	42.6

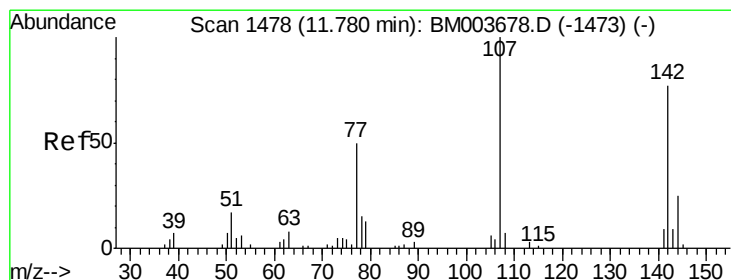
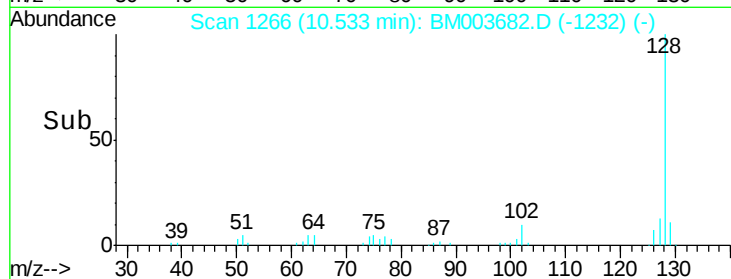
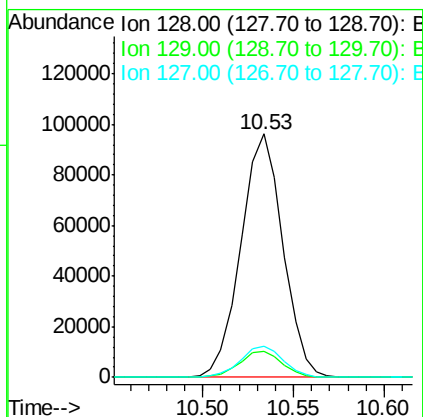
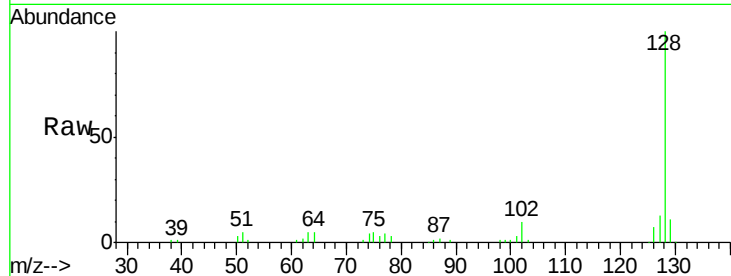




#28
Naphthalene
Concen: 16.36 ng/ul
RT: 10.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BM003682.D
Acq: 21 Dec 2015 17:46

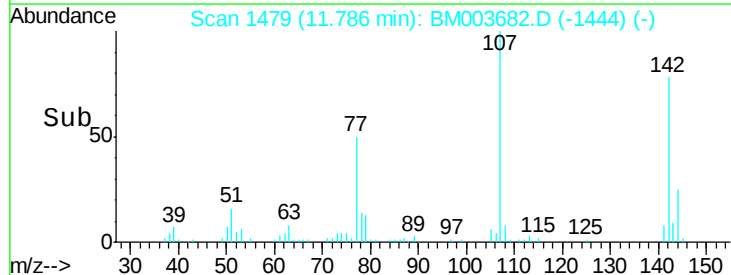
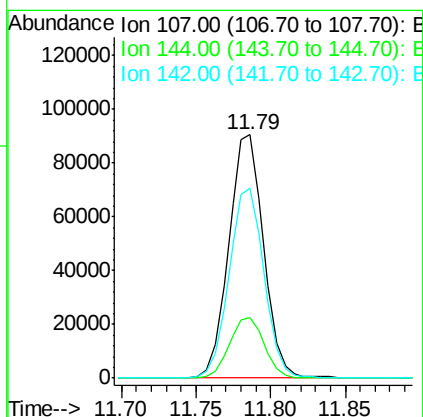
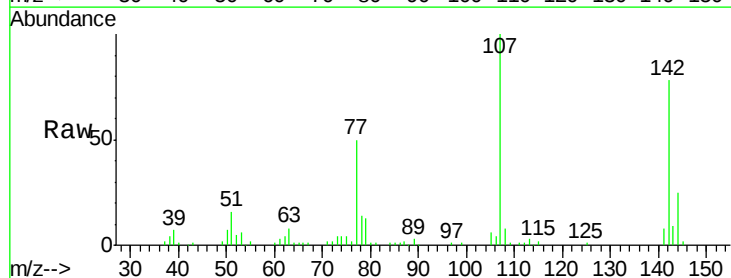
Instrument :
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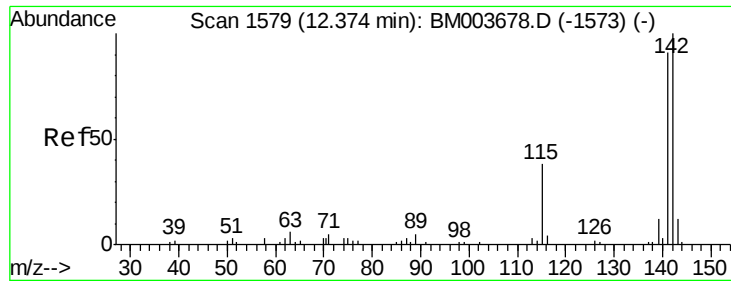
Tgt Ion:128 Resp: 154902
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.8 10.5 15.7



#33
4-Chloro-3-methylphenol
Concen: 44.12 ng/ul
RT: 11.79 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BM003682.D
Acq: 21 Dec 2015 17:46

Tgt Ion:107 Resp: 147258
Ion Ratio Lower Upper
107 100
144 25.1 20.4 30.6
142 77.7 62.5 93.7

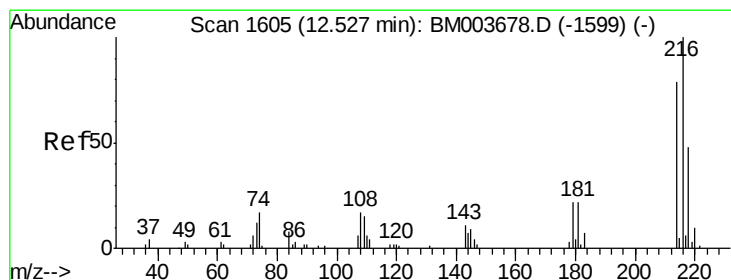
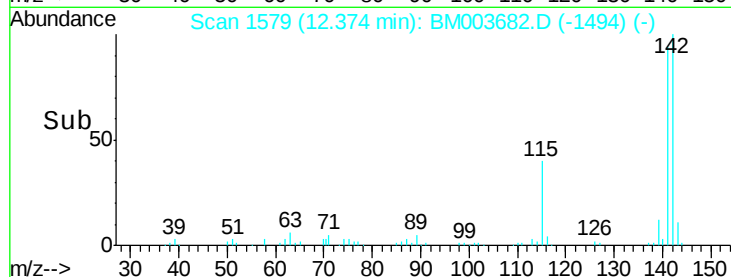
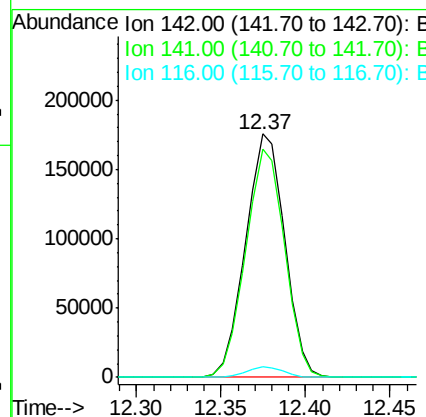
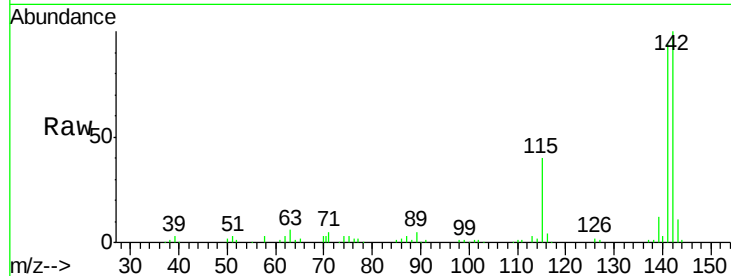




#35
 1-Methylnaphthalene
 Concen: 42.40 ng/ul
 RT: 12.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BM003682.D
 Acq: 21 Dec 2015 17:46

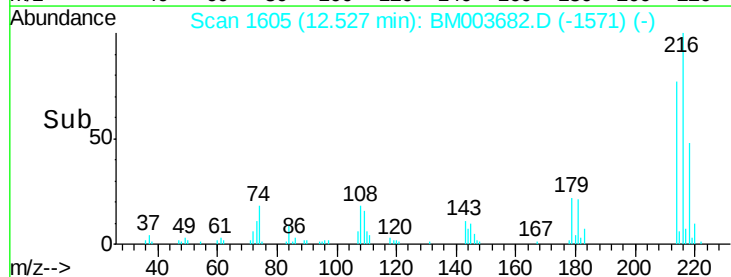
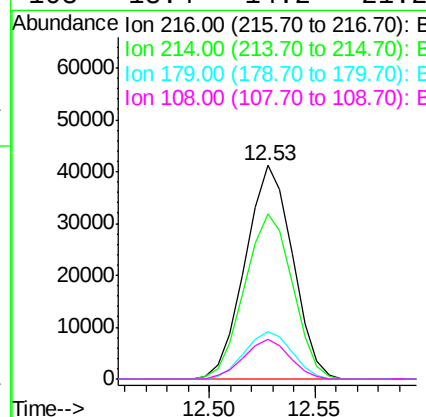
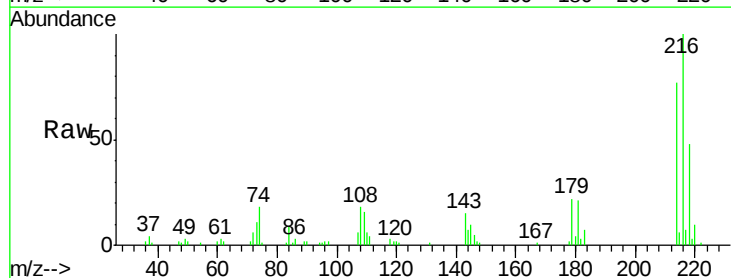
Instrument :
 BNA_M
 ClientSampleId :
 D9N23

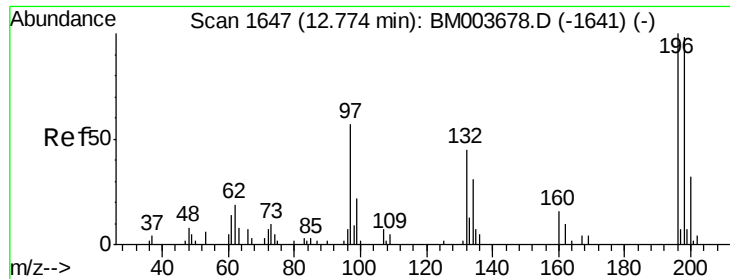
Tgt Ion:142 Resp: 284707
 Ion Ratio Lower Upper
 142 100
 141 93.5 74.9 112.3
 116 4.2 3.1 4.7



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.68 ng/ul
 RT: 12.53 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BM003682.D
 Acq: 21 Dec 2015 17:46

Tgt Ion:216 Resp: 64098
 Ion Ratio Lower Upper
 216 100
 214 77.1 62.5 93.7
 179 22.5 18.2 27.2
 108 18.4 14.2 21.2

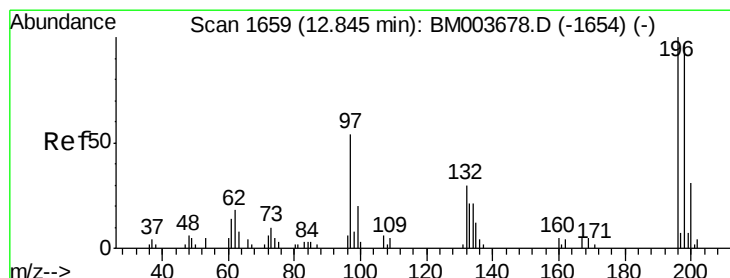
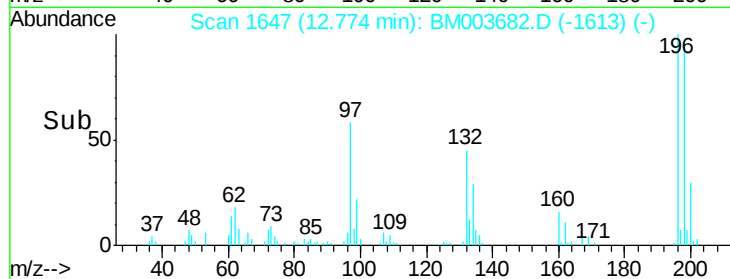
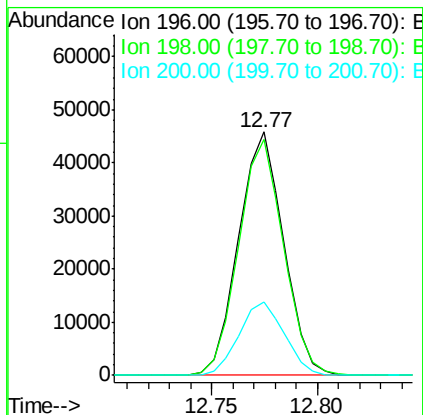
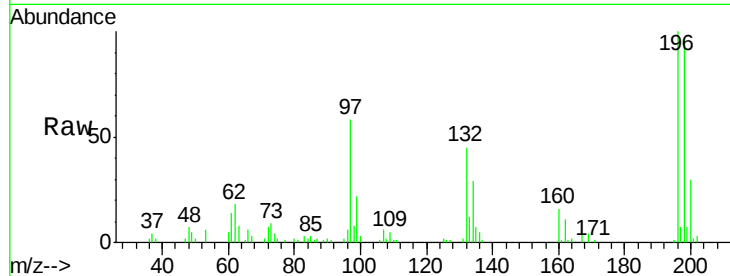




#39
 2,4,6-Trichlorophenol
 Concen: 33.87 ng/ul
 RT: 12.77 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BM003682.D
 Acq: 21 Dec 2015 17:46

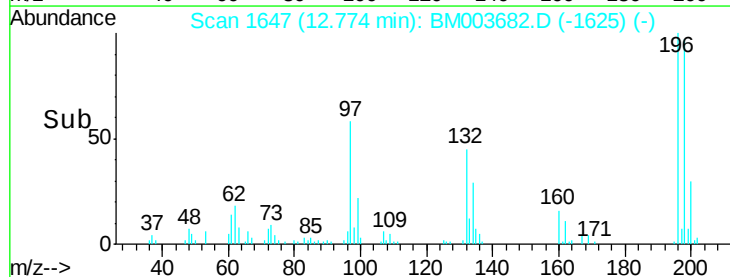
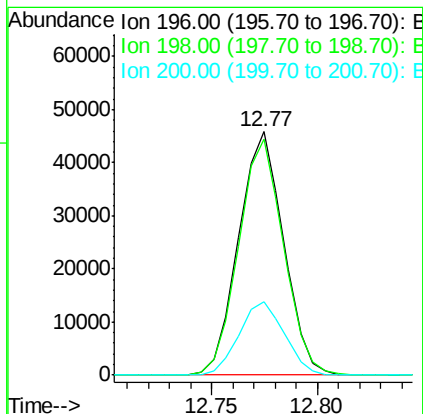
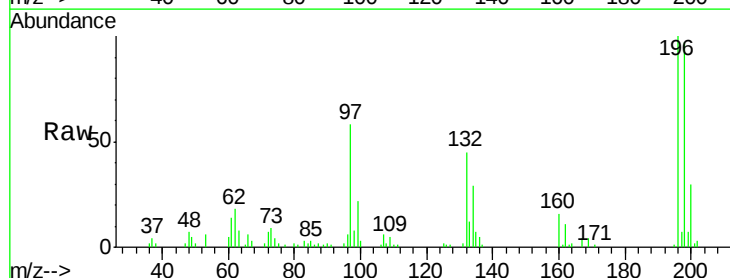
Instrument :
 BNA_M
 ClientSampleID :
 D9N23

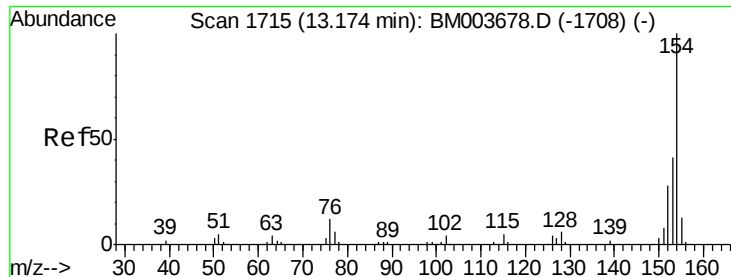
Tgt Ion:196 Resp: 67671
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.6 114.8
 200 30.0 24.7 37.1



#40
 2,4,5-Trichlorophenol
 Concen: 30.66 ng/ul
 RT: 12.77 min Scan# 1647
 Delta R.T. -0.07 min
 Lab File: BM003682.D
 Acq: 21 Dec 2015 17:46

Tgt Ion:196 Resp: 67671
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.9 115.3
 200 30.0 25.0 37.4

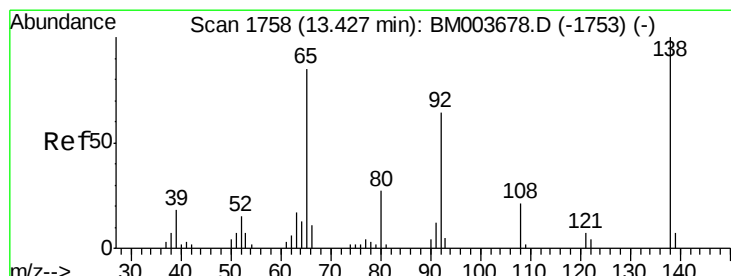
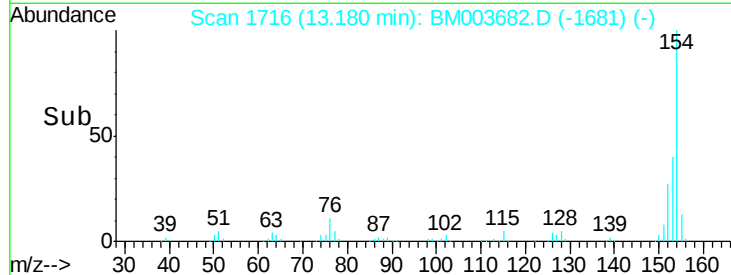
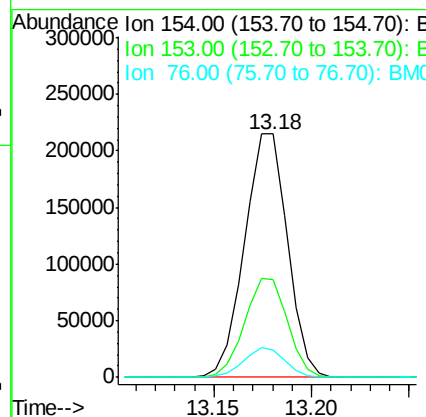
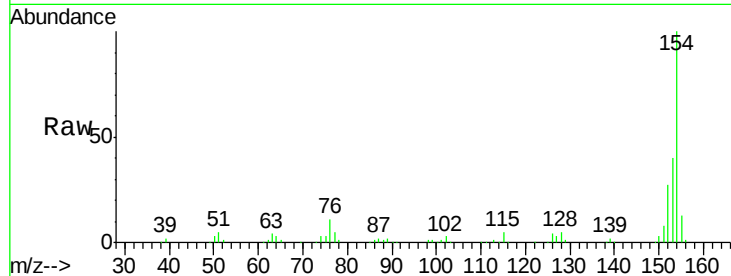




#41
 1,1'-Biphenyl
 Concen: 41.38 ng/ul
 RT: 13.18 min Scan# 1716
 Delta R.T. 0.01 min
 Lab File: BM003682.D
 Acq: 21 Dec 2015 17:46

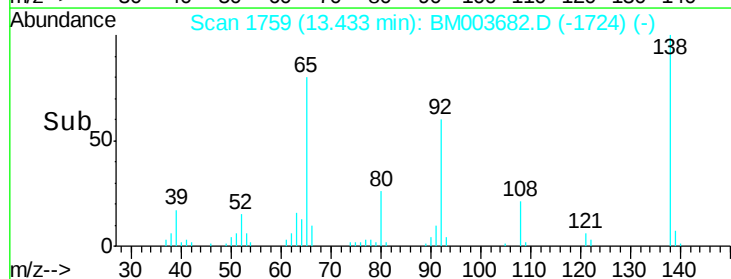
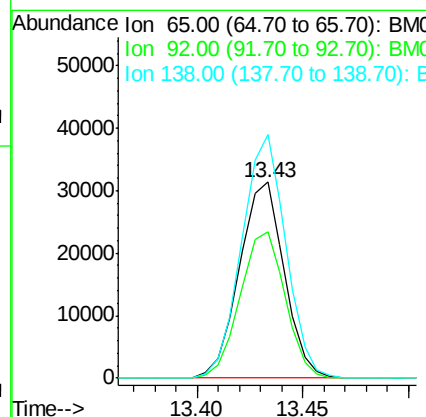
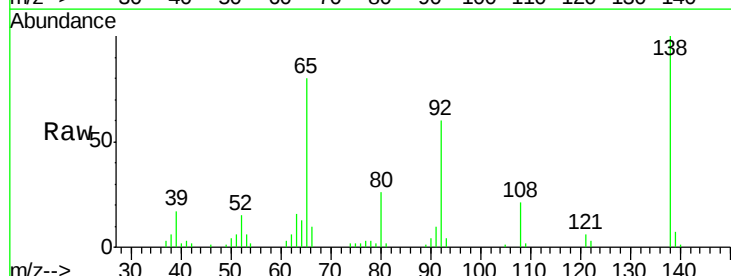
Instrument :
 BNA_M
 ClientSampled :
 D9N23

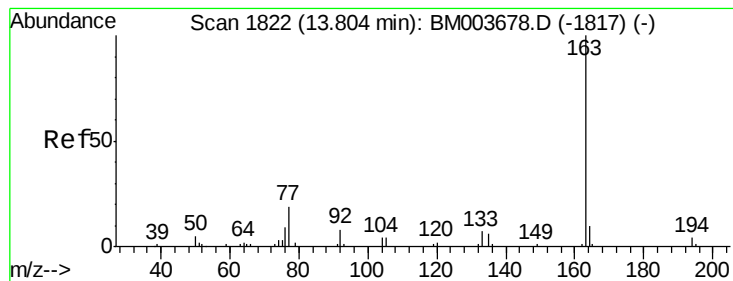
Tgt Ion:	154	Resp:	328401
Ion	Ratio	Lower	Upper
154	100		
153	40.3	32.1	48.1
76	11.4	9.5	14.3



#43
 2-Nitroaniline
 Concen: 27.97 ng/ul
 RT: 13.43 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: BM003682.D
 Acq: 21 Dec 2015 17:46

Tgt Ion:	65	Resp:	46146
Ion	Ratio	Lower	Upper
65	100		
92	74.8	60.4	90.6
138	124.4	99.8	149.6





#45

Dimethylphthalate

Concen: 4.87 ng/ul

RT: 13.84 min Scan# 1829

Delta R.T. 0.04 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

Instrument :

BNA_M

ClientSampleId :

D9N23

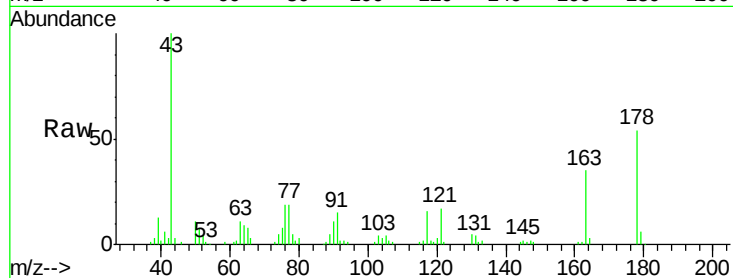
Tgt Ion:163 Resp: 40227

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

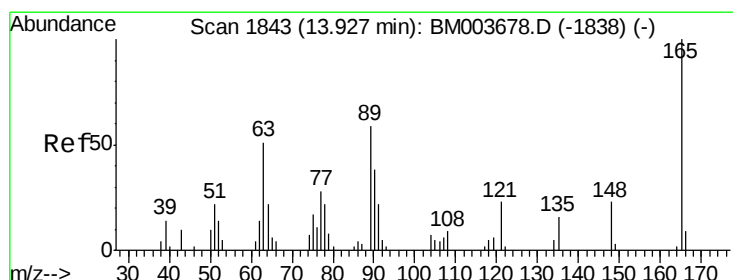
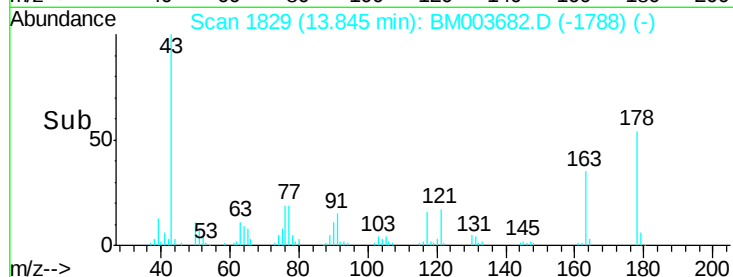
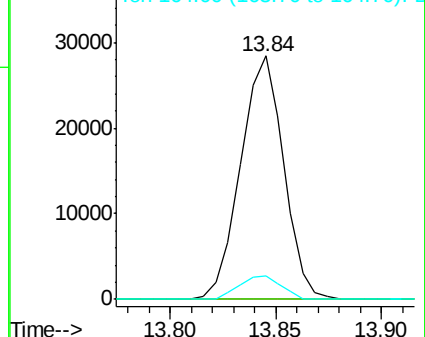
164 9.7 7.8 11.8



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



#46

2,6-Dinitrotoluene

Concen: 42.78 ng/ul

RT: 13.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

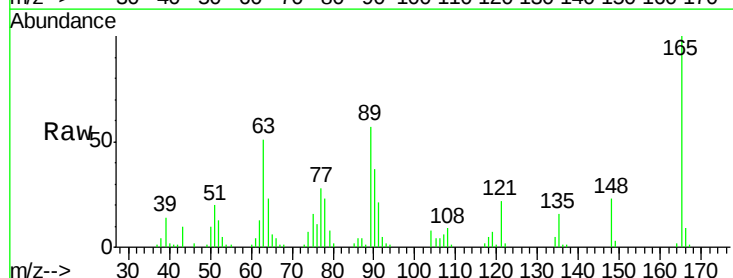
Tgt Ion:165 Resp: 68864

Ion Ratio Lower Upper

165 100

89 57.0 42.4 63.6

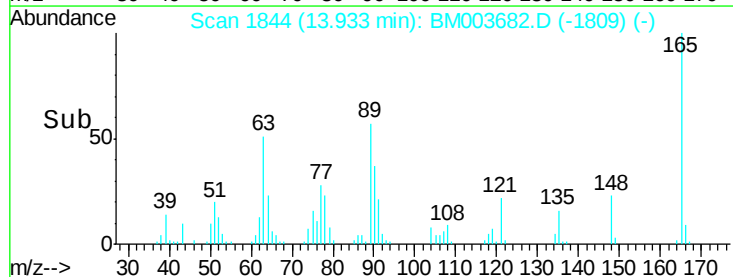
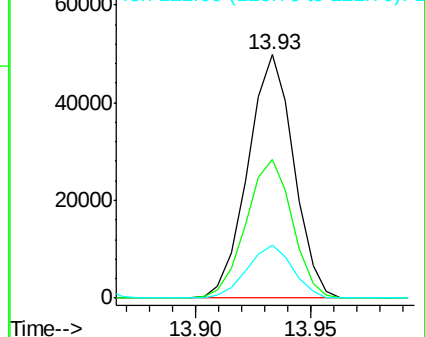
121 21.9 16.6 24.8

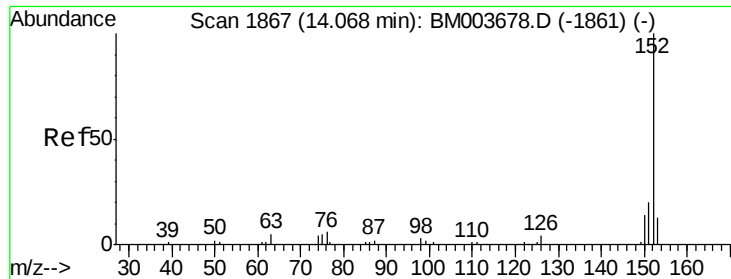


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 51.82 ng/ul

RT: 14.07 min Scan# 1868

Delta R.T. 0.01 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

Instrument :

BNA_M

ClientSampleId :

D9N23

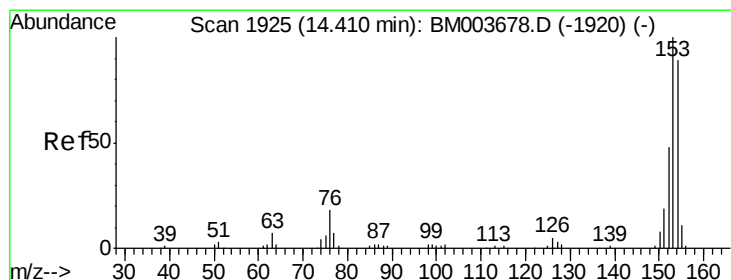
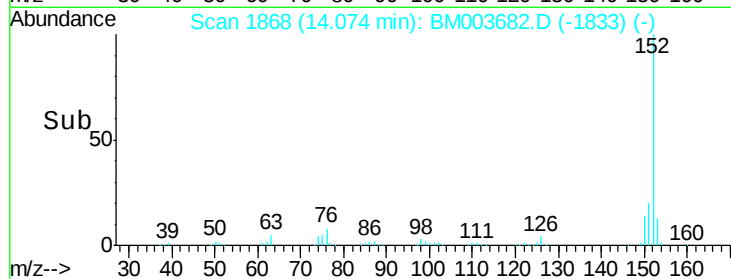
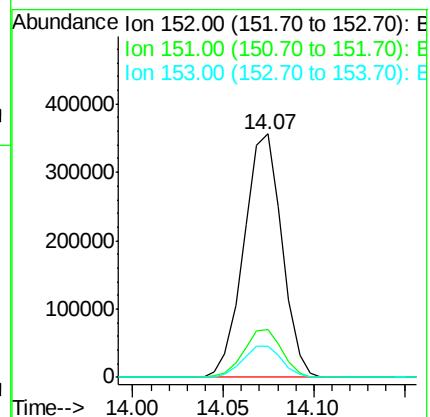
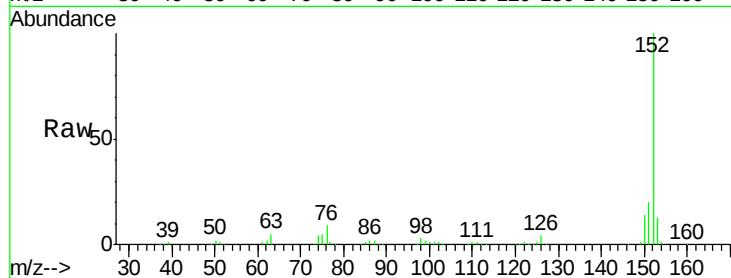
Tgt Ion:152 Resp: 520949

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 12.8 10.5 15.7



#50

Acenaphthene

Concen: 4.67 ng/ul

RT: 14.42 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

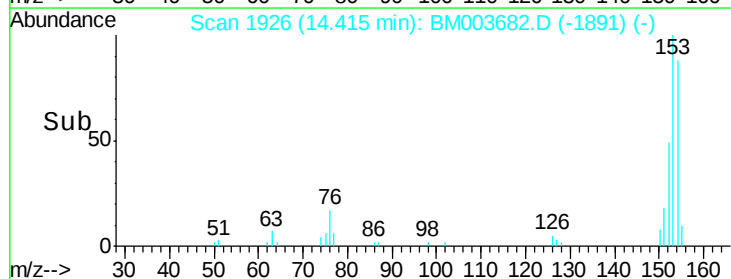
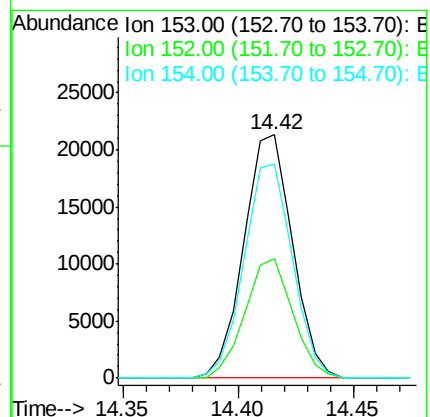
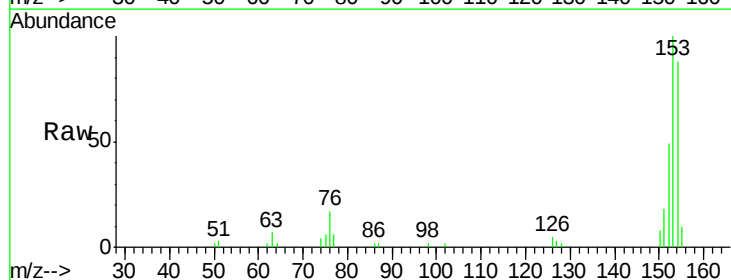
Tgt Ion:153 Resp: 31373

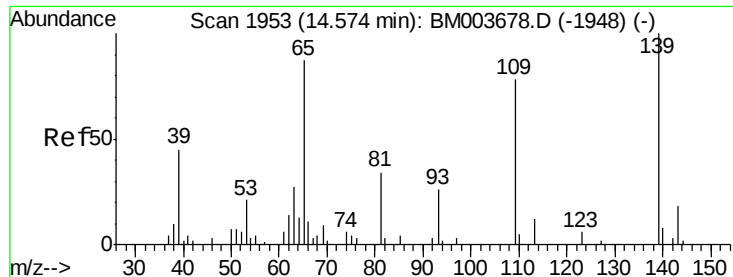
Ion Ratio Lower Upper

153 100

152 49.0 38.3 57.5

154 88.2 71.8 107.8





#53

4-Nitrophenol

Concen: 57.98 ng/ul

RT: 14.59 min Scan# 1955

Delta R.T. 0.01 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

Instrument :

BNA_M

ClientSampleId :

D9N23

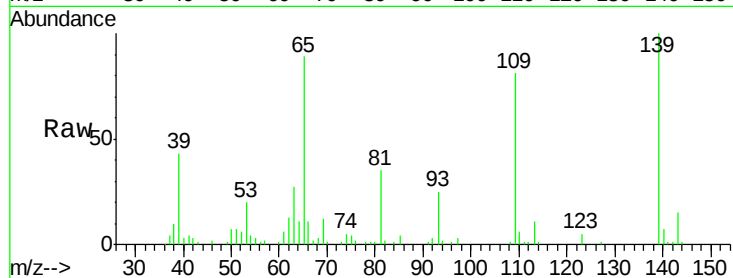
Tgt Ion:109 Resp: 77185

Ion Ratio Lower Upper

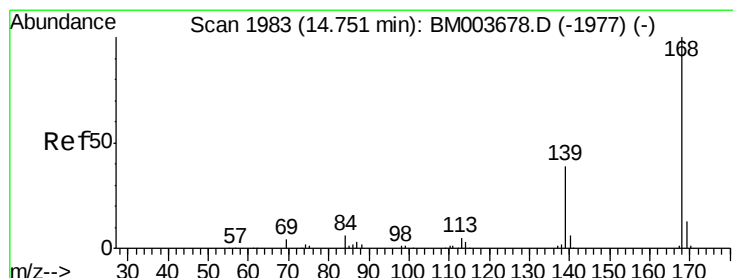
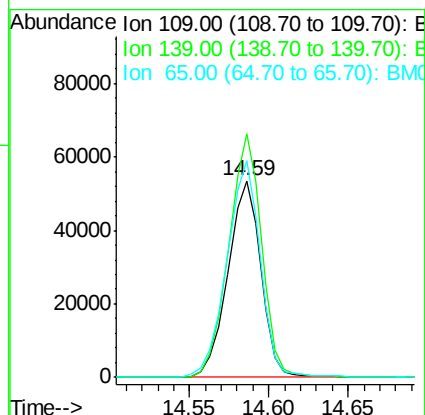
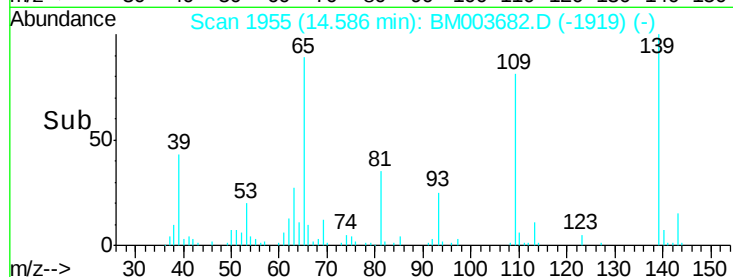
109 100

139 123.7 103.7 155.5

65 109.9 89.4 134.2



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): BM



#54

Dibenzofuran

Concen: 20.35 ng/ul

RT: 14.75 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BM003682.D

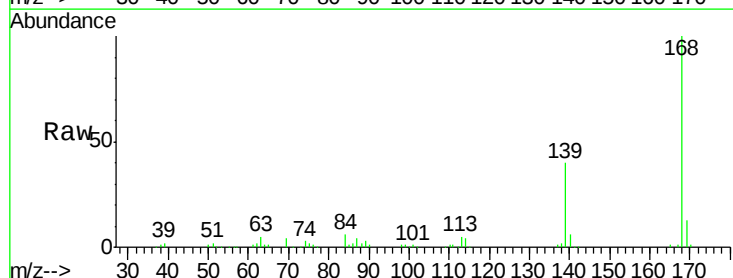
Acq: 21 Dec 2015 17:46

Tgt Ion:168 Resp: 195009

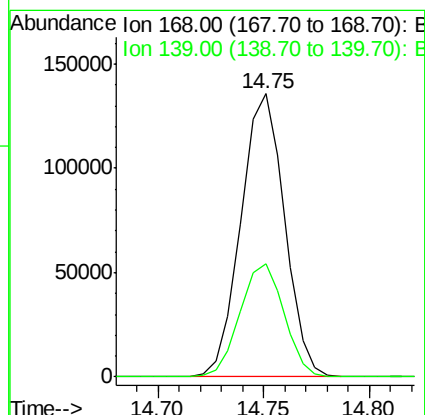
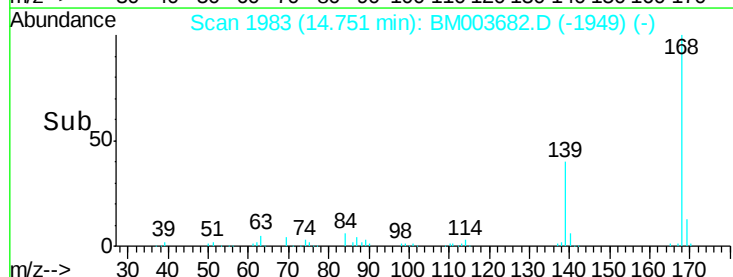
Ion Ratio Lower Upper

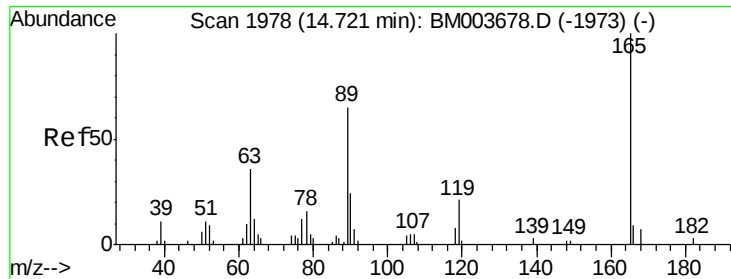
168 100

139 40.2 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

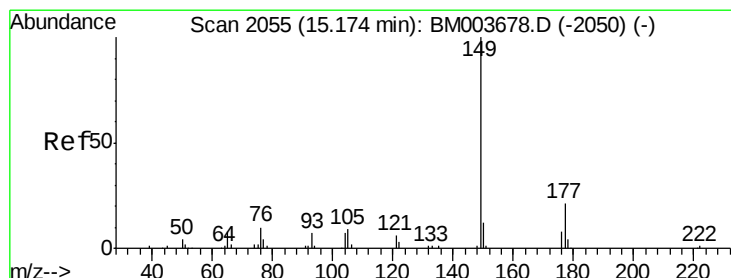
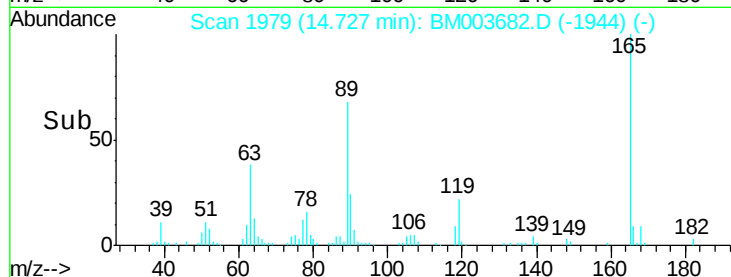
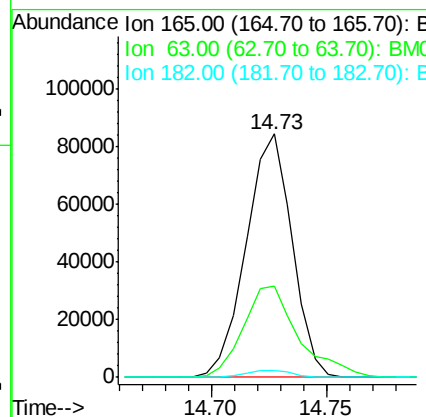
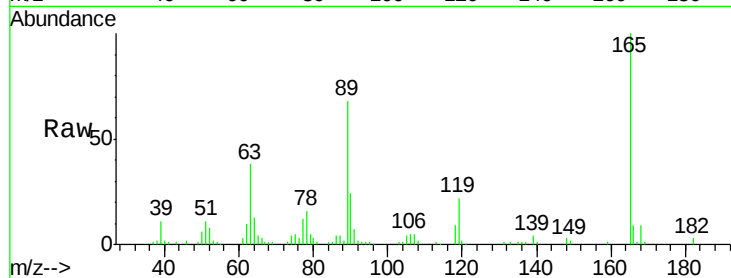




#55
2,4-Dinitrotoluene
Concen: 47.86 ng/ul
RT: 14.73 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BM003682.D
Acq: 21 Dec 2015 17:46

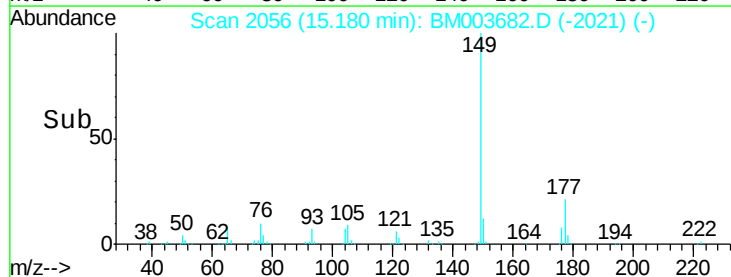
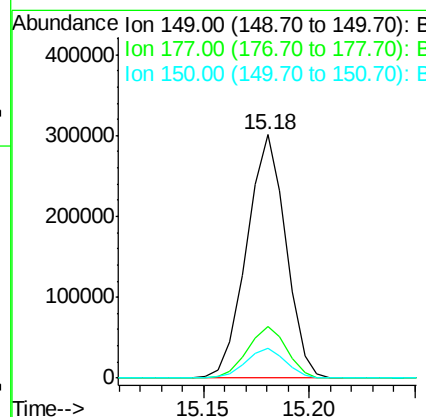
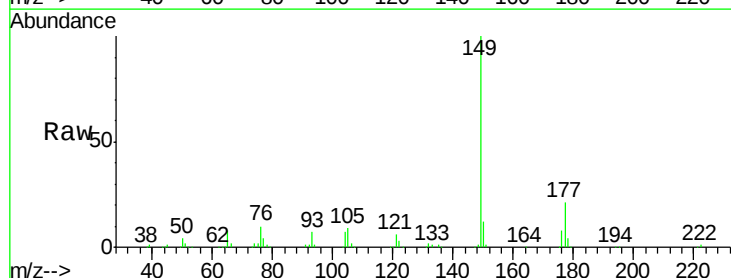
Instrument :
BNA_M
ClientSampleId :
D9N23

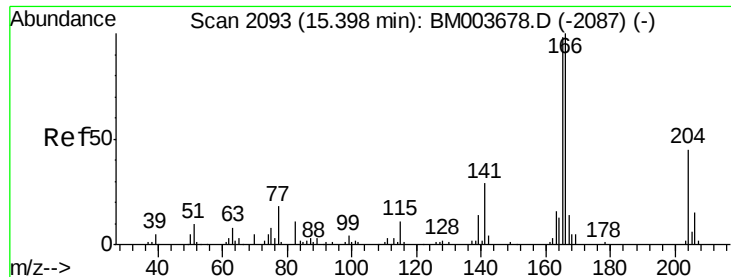
Tgt Ion:165 Resp: 117000
Ion Ratio Lower Upper
165 100
63 37.6 29.8 44.6
182 2.8 2.2 3.4



#57
Diethylphthalate
Concen: 44.19 ng/ul
RT: 15.18 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BM003682.D
Acq: 21 Dec 2015 17:46

Tgt Ion:149 Resp: 386246
Ion Ratio Lower Upper
149 100
177 21.3 17.4 26.2
150 12.3 10.0 15.0





#59

Fluorene

Concen: 8.54 ng/ul

RT: 15.40 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

Instrument :

BNA_M

ClientSampleId :

D9N23

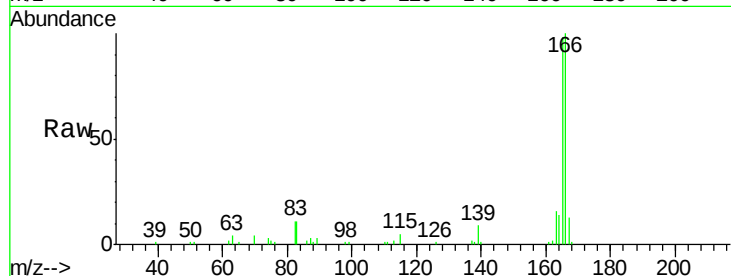
Tgt Ion:166 Resp: 65659

Ion Ratio Lower Upper

166 100

165 97.6 78.5 117.7

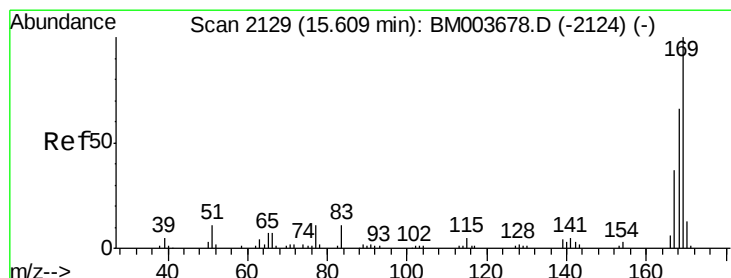
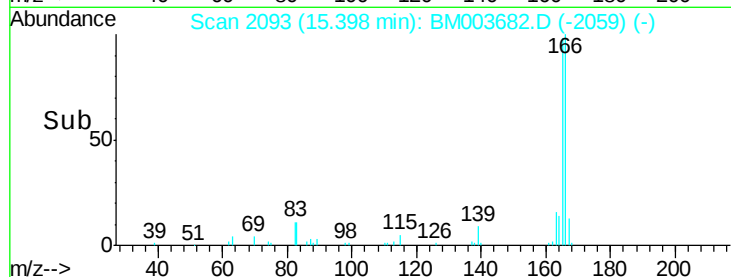
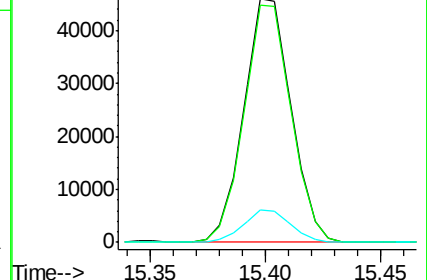
167 13.3 10.7 16.1



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



#65

N-Nitrosodiphenylamine

Concen: 51.96 ng/ul

RT: 15.62 min Scan# 2130

Delta R.T. 0.01 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

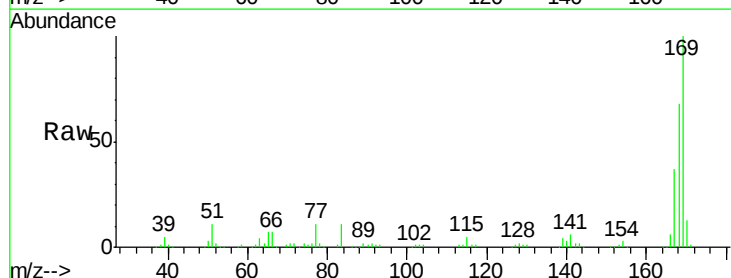
Tgt Ion:169 Resp: 315740

Ion Ratio Lower Upper

169 100

168 67.8 53.8 80.8

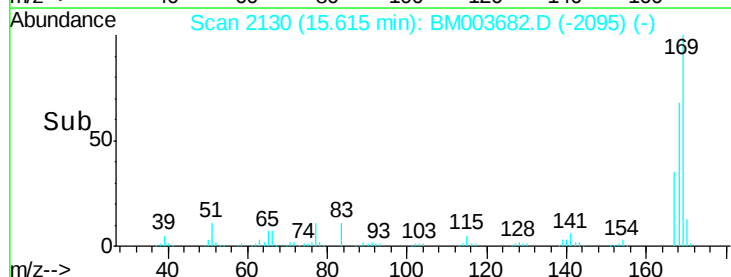
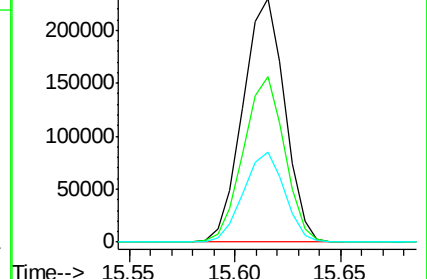
167 37.0 29.3 43.9

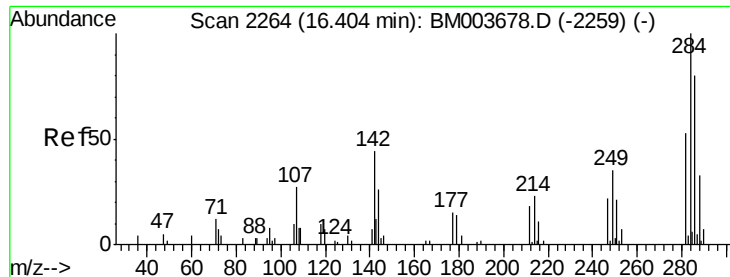


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

Hexachlorobenzene

Concen: 42.13 ng/ul

RT: 16.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

Instrument :

BNA_M

ClientSampleId :

D9N23

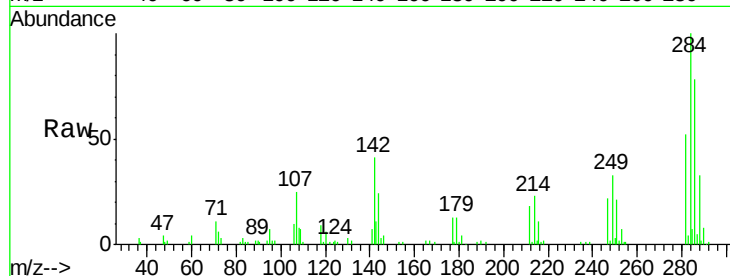
Tgt Ion:284 Resp: 96861

Ion Ratio Lower Upper

284 100

142 40.7 33.1 49.7

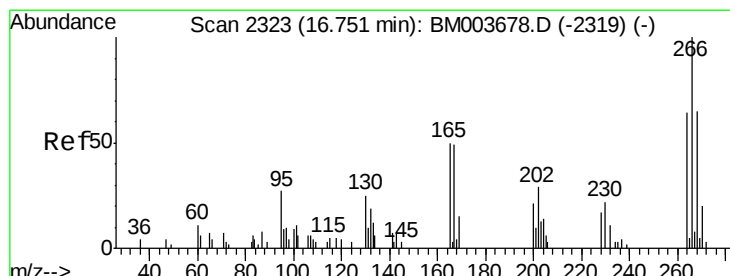
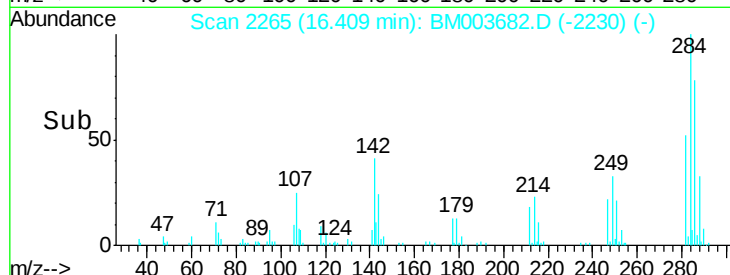
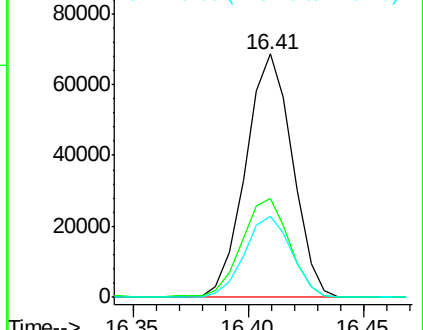
249 33.3 27.1 40.7



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



#69

Pentachlorophenol

Concen: 43.58 ng/ul

RT: 16.76 min Scan# 2324

Delta R.T. 0.01 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

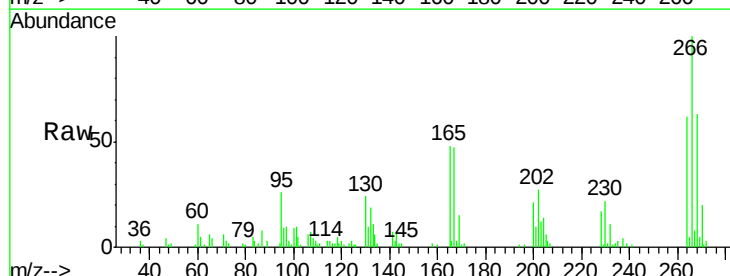
Tgt Ion:266 Resp: 56520

Ion Ratio Lower Upper

266 100

264 61.8 50.5 75.7

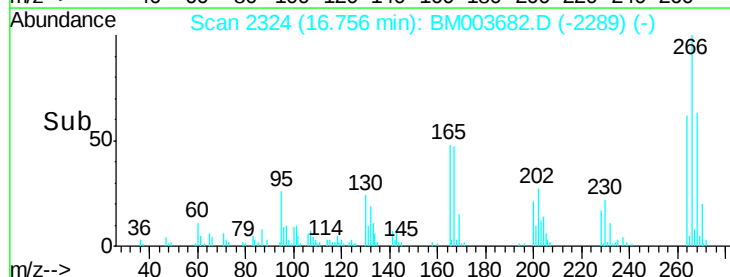
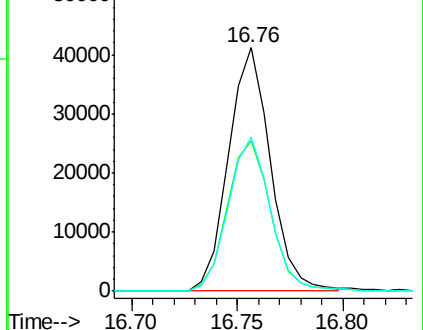
268 63.0 50.9 76.3

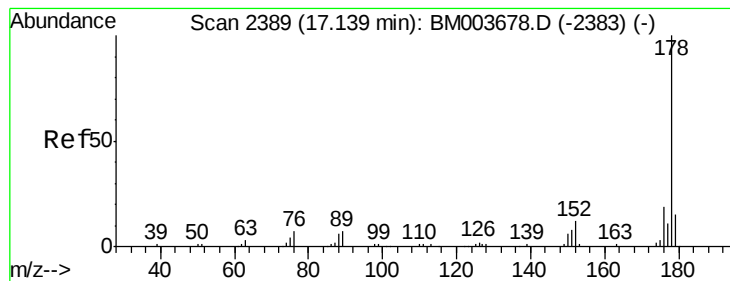


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 32.83 ng/ul

RT: 17.14 min Scan# 2390

Delta R.T. 0.01 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

Instrument :

BNA_M

ClientSampleId :

D9N23

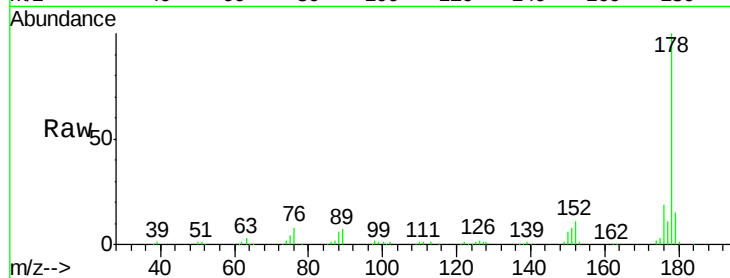
Tgt Ion:178 Resp: 376996

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

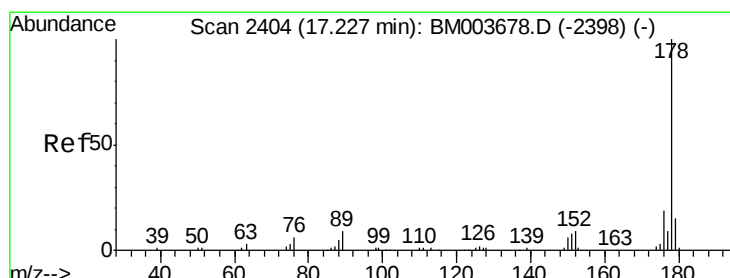
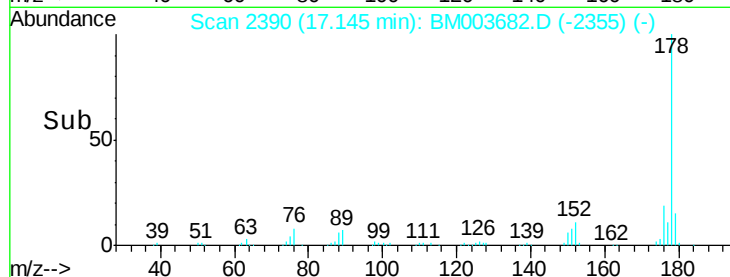
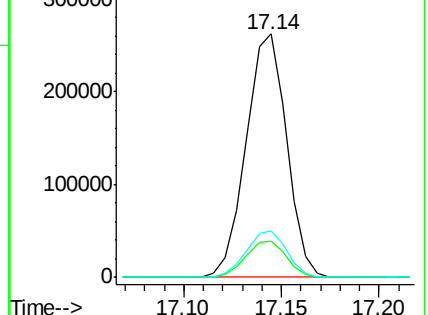
176 19.1 15.6 23.4



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

Anthracene

Concen: 32.19 ng/ul

RT: 17.14 min Scan# 2390

Delta R.T. -0.08 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

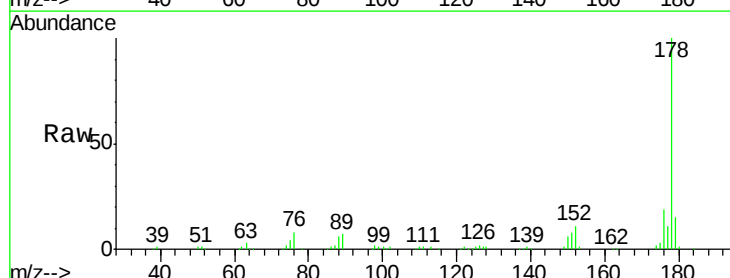
Tgt Ion:178 Resp: 376996

Ion Ratio Lower Upper

178 100

179 15.1 12.1 18.1

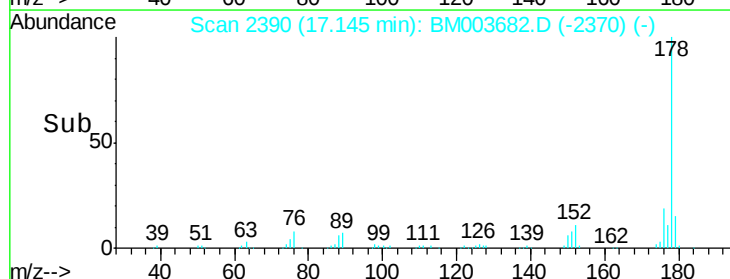
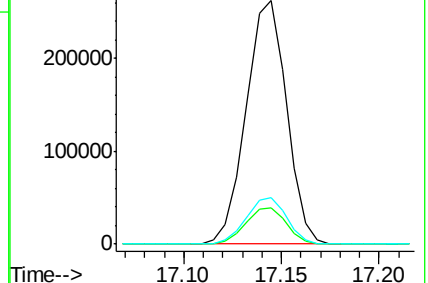
176 19.1 14.8 22.2

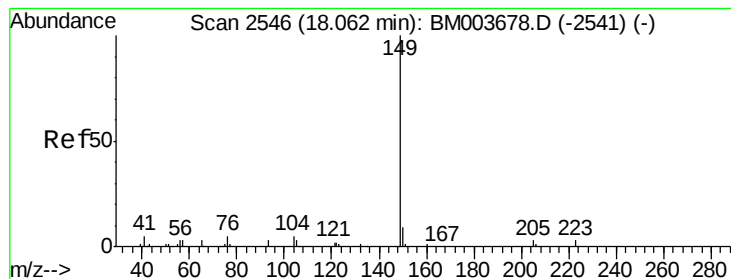


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Di-n-butylphthalate

Concen: 38.57 ng/ul

RT: 18.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

Instrument :

BNA_M

ClientSampleId :

D9N23

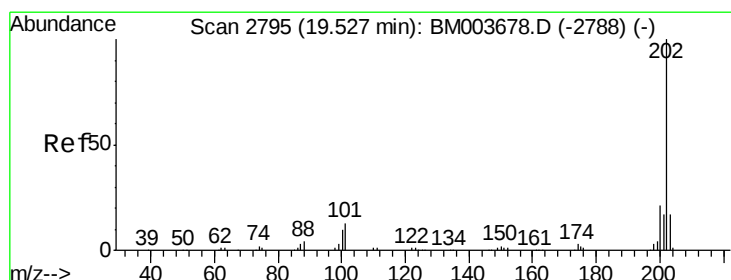
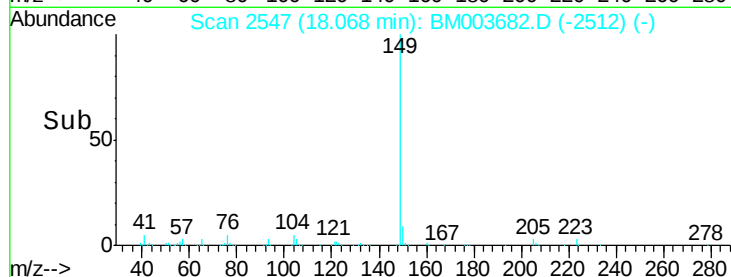
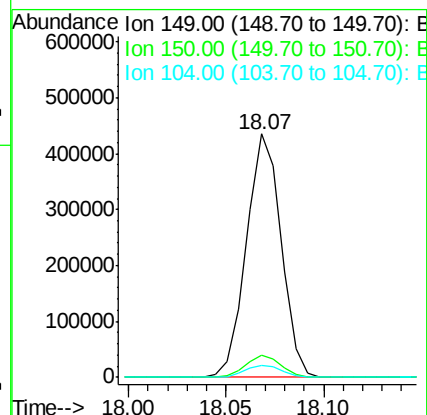
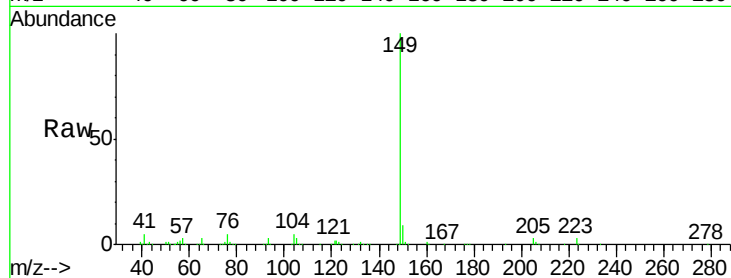
Tgt Ion:149 Resp: 536346

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.1 4.0 6.0



#80

Pyrene

Concen: 19.26 ng/ul

RT: 19.53 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

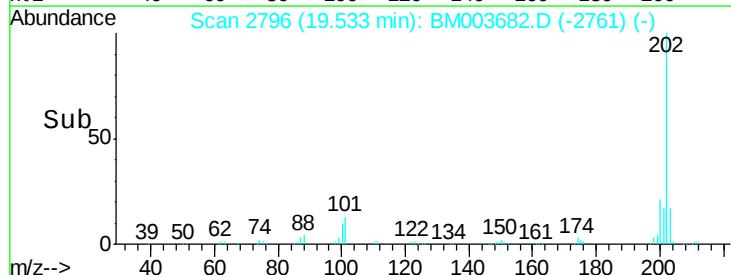
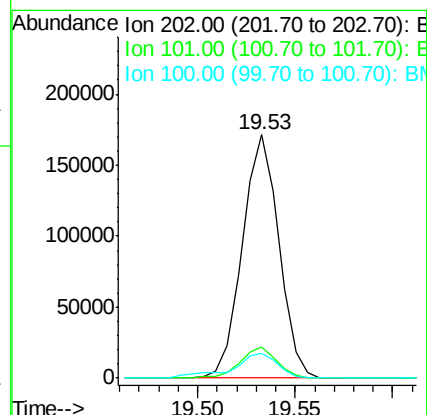
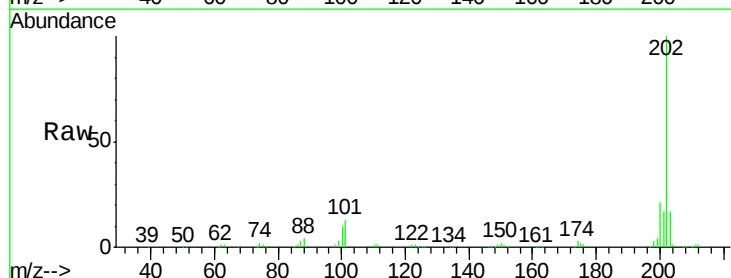
Tgt Ion:202 Resp: 222529

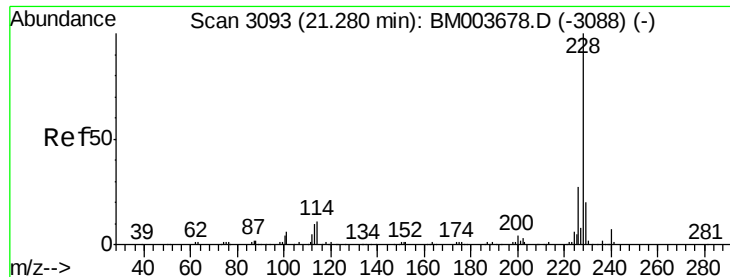
Ion Ratio Lower Upper

202 100

101 12.6 10.2 15.2

100 10.0 8.5 12.7





#83

Benzo(a)anthracene

Concen: 40.40 ng/ul

RT: 21.29 min Scan# 3095

Delta R.T. 0.01 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

Instrument :

BNA_M

ClientSampleId :

D9N23

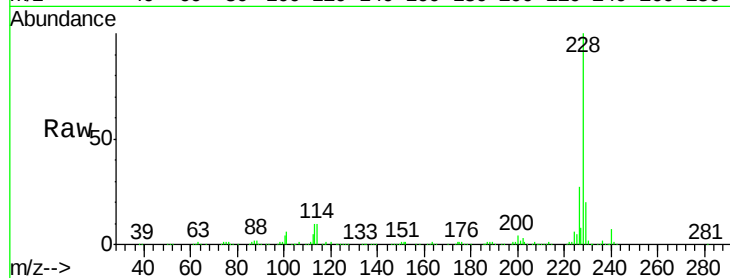
Tgt Ion:228 Resp: 488931

Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

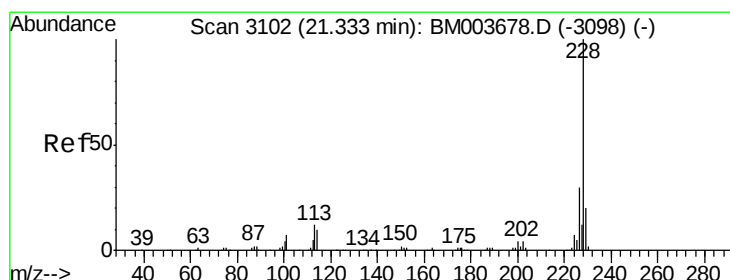
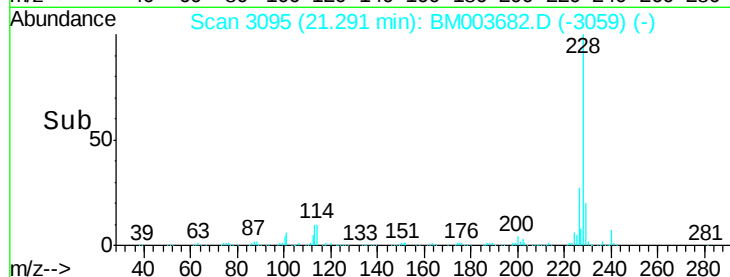
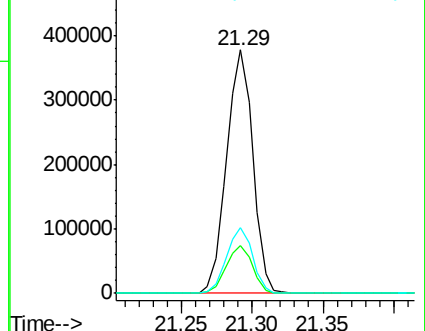
226 27.1 21.8 32.6



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



#85

Chrysene

Concen: 41.89 ng/ul

RT: 21.29 min Scan# 3095

Delta R.T. -0.04 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

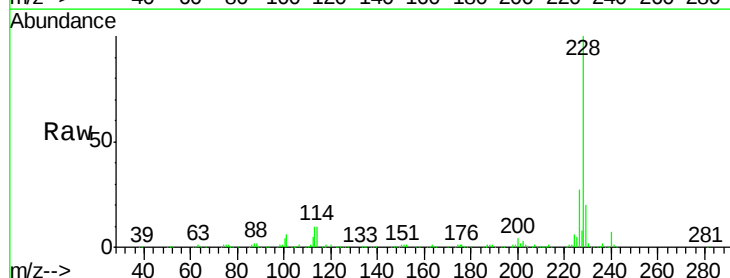
Tgt Ion:228 Resp: 488931

Ion Ratio Lower Upper

228 100

226 27.1 24.0 36.0

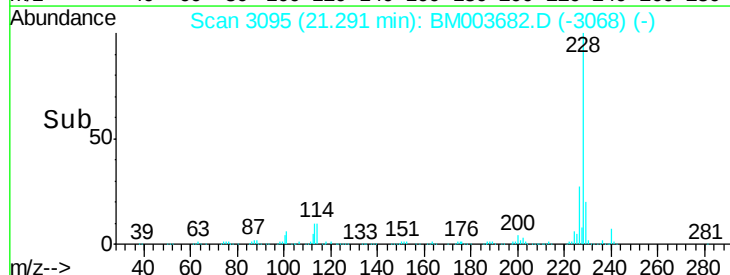
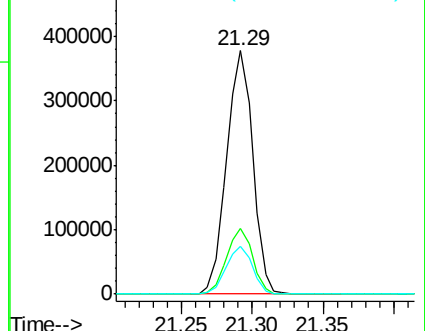
229 19.7 15.6 23.4

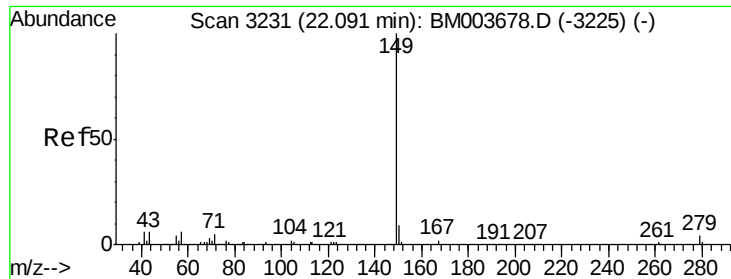


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

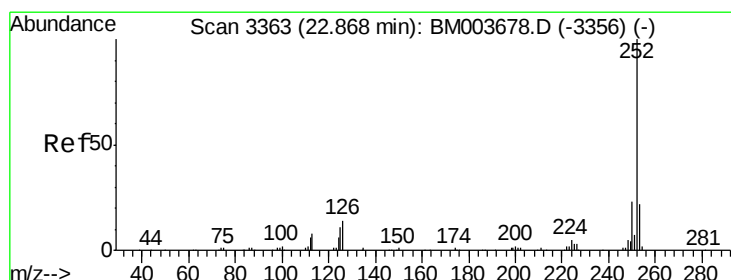
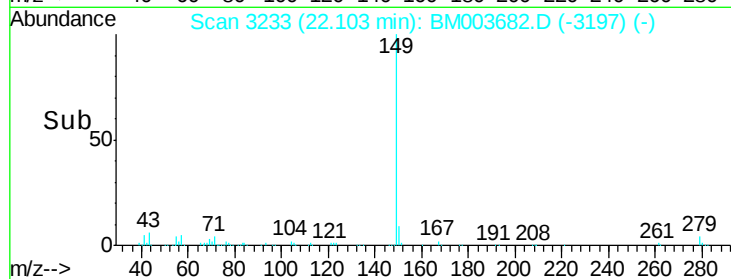
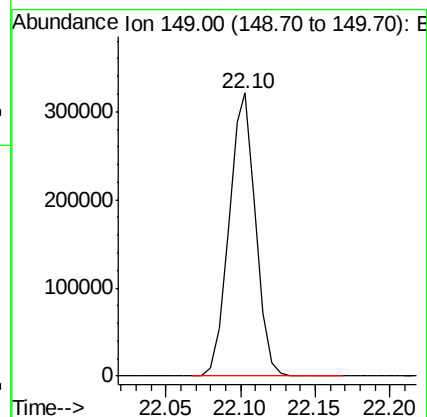
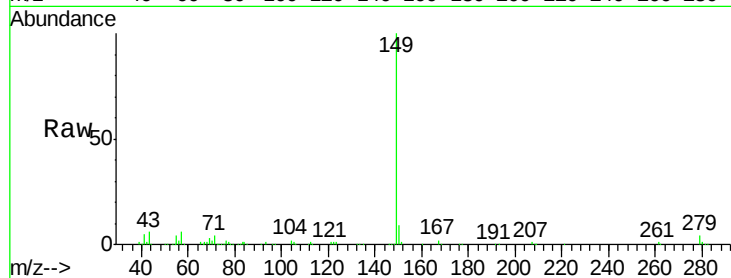




#87
 Di-n-octyl phthalate
 Concen: 29.98 ng/ul
 RT: 22.10 min Scan# 3233
 Delta R.T. 0.01 min
 Lab File: BM003682.D
 Acq: 21 Dec 2015 17:46

Instrument :
 BNA_M
 ClientSampleId :
 D9N23

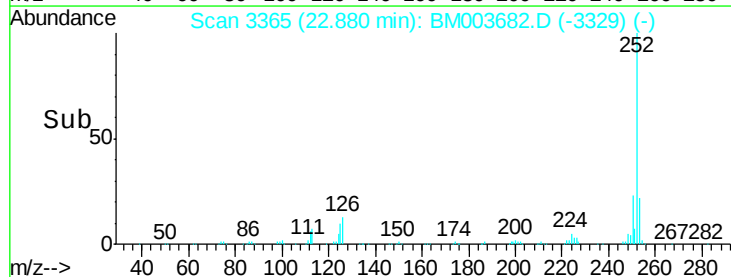
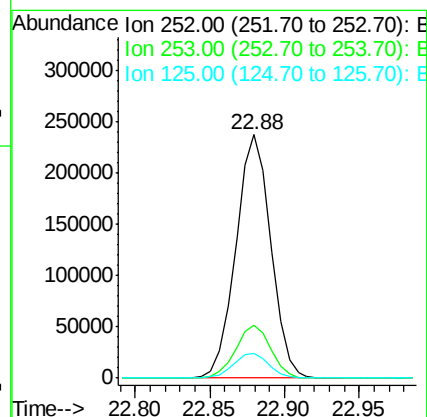
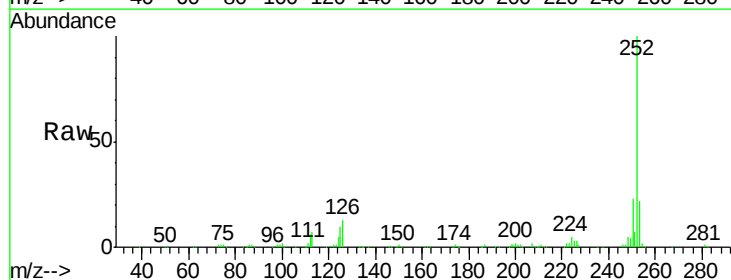
Tgt Ion:149 Resp: 400676

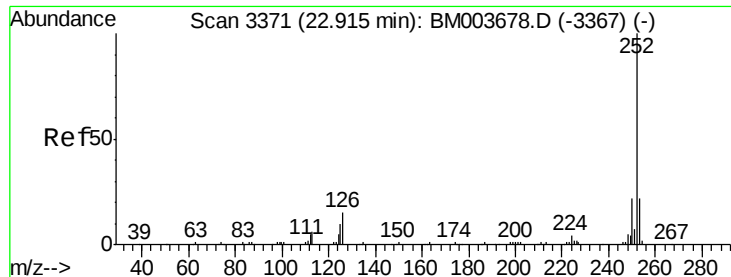


#88
 Benzo(b)fluoranthene
 Concen: 33.07 ng/ul
 RT: 22.88 min Scan# 3365
 Delta R.T. 0.01 min
 Lab File: BM003682.D
 Acq: 21 Dec 2015 17:46

Tgt Ion:252 Resp: 385775

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.2	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 27.19 ng/u1

RT: 22.88 min Scan# 3365

Delta R.T. -0.04 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

Instrument :

BNA_M

ClientSampleId :

D9N23

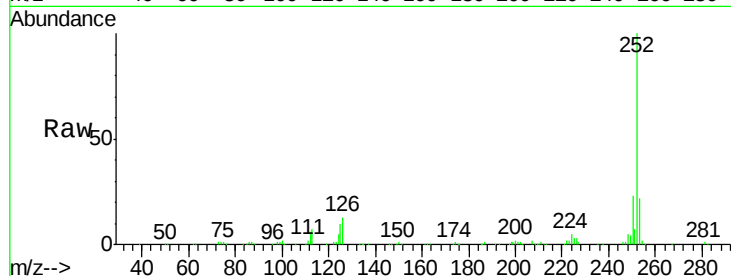
Tgt Ion:252 Resp: 300474

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

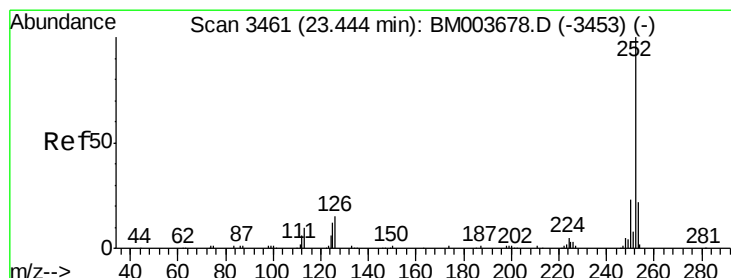
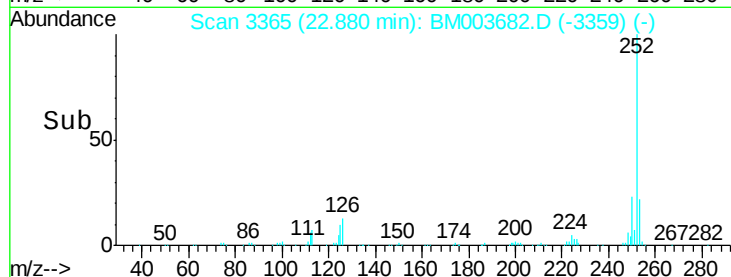
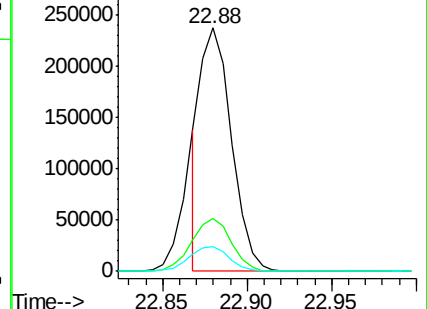
125 10.2 8.2 12.2



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: 20.38 ng/u1

RT: 23.46 min Scan# 3463

Delta R.T. 0.01 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

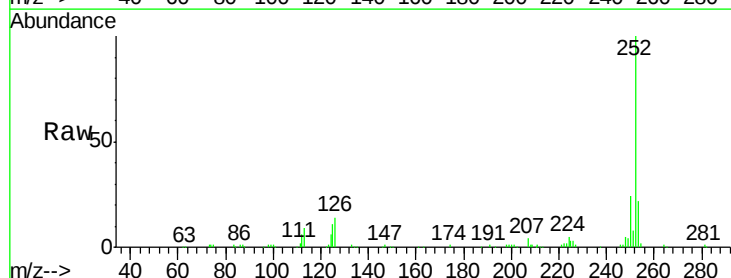
Tgt Ion:252 Resp: 227353

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

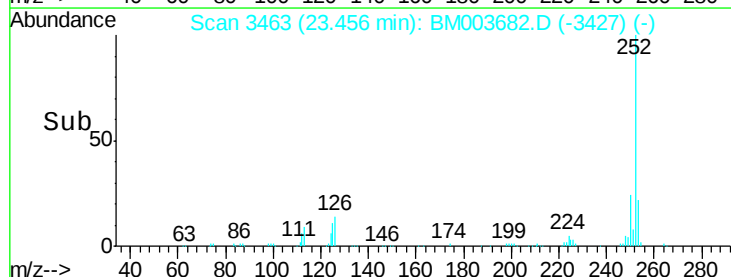
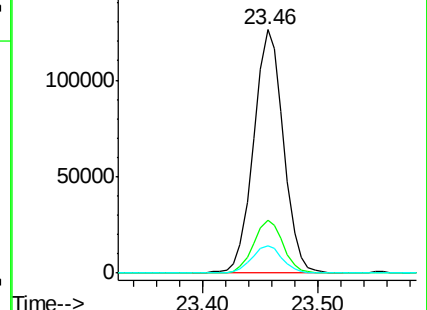
125 11.1 9.0 13.6

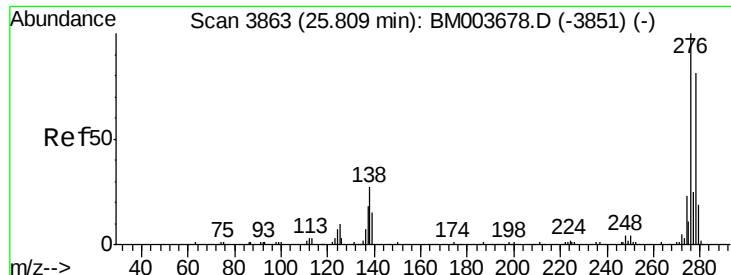


Abundance Ion 252.00 (251.70 to 252.70): E

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: 9.98 ng/ul

RT: 25.83 min Scan# 3867

Delta R.T. 0.02 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

Instrument :

BNA_M

ClientSampleId :

D9N23

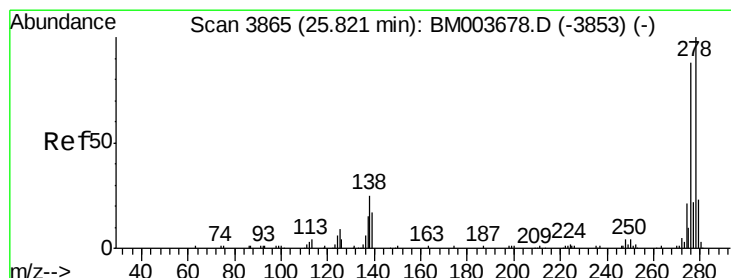
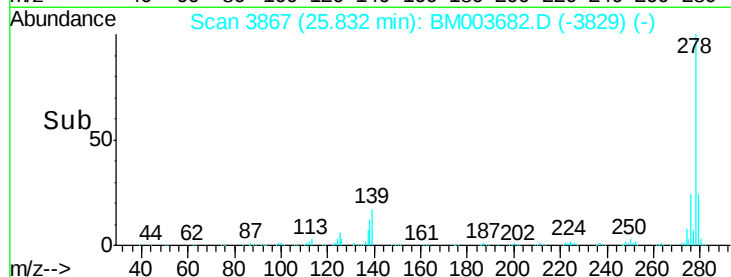
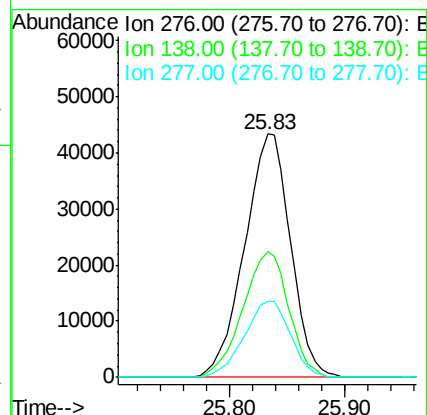
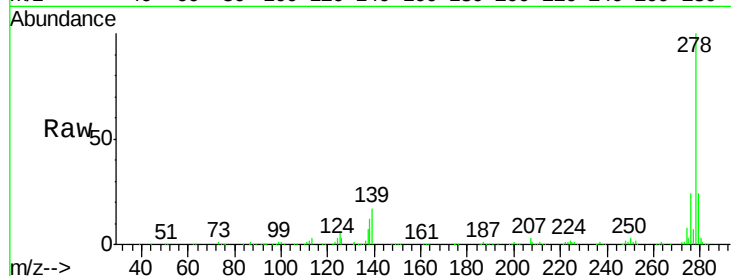
Tgt Ion:276 Resp: 119778

Ion Ratio Lower Upper

276 100

138 51.6 22.3 33.5#

277 31.0 20.2 30.2#



#93

Dibenzo(a,h)anthracene

Concen: 51.01 ng/ul

RT: 25.83 min Scan# 3867

Delta R.T. 0.01 min

Lab File: BM003682.D

Acq: 21 Dec 2015 17:46

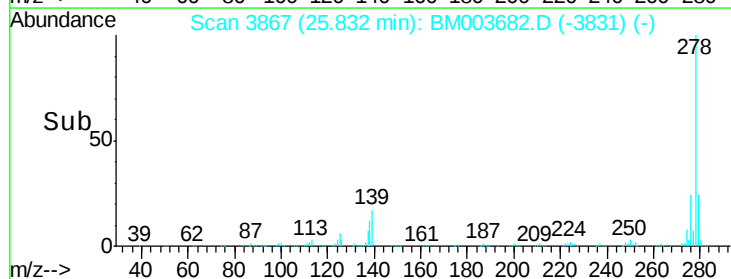
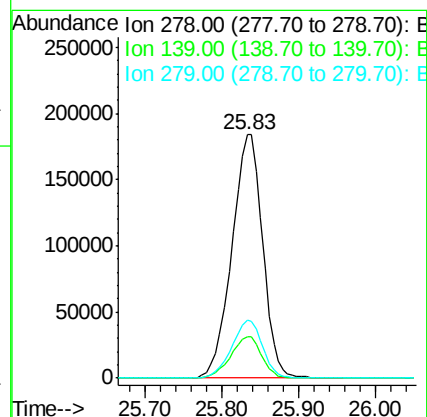
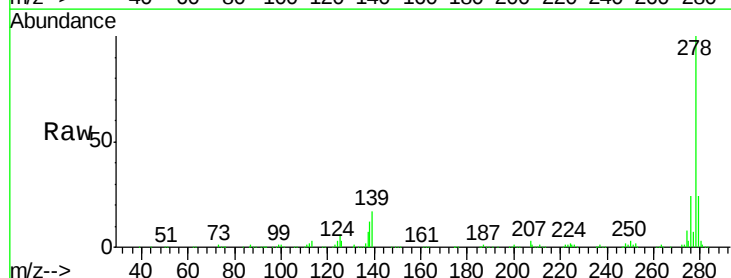
Tgt Ion:278 Resp: 513825

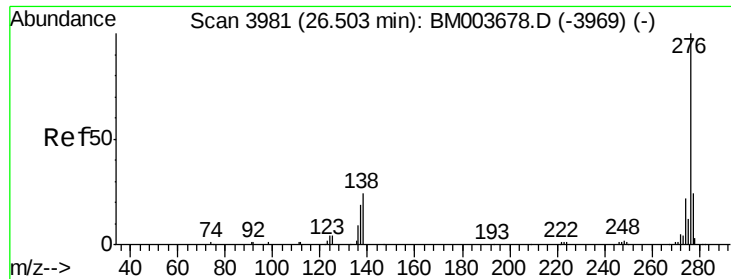
Ion Ratio Lower Upper

278 100

139 17.3 13.9 20.9

279 24.0 19.0 28.4





#94

Benzo(g,h,i)perylene

Concen: 27.29 ng/ul

RT: 26.52 min Scan# 3984

Delta R.T. 0.02 min

Lab File: BM003682.D

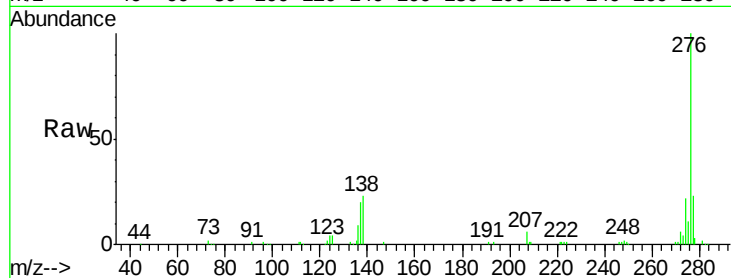
Acq: 21 Dec 2015 17:46

Instrument :

BNA_M

ClientSampleId :

D9N23



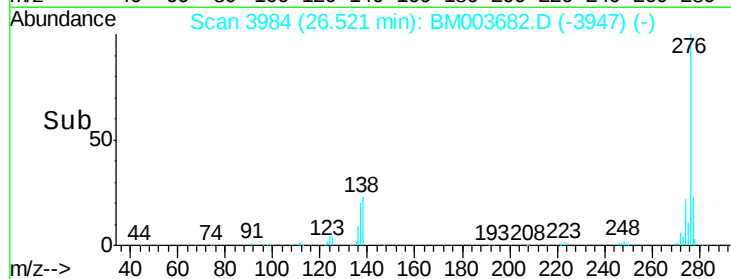
Tgt Ion: 276 Resp: 269110

Ion Ratio Lower Upper

276 100

138 22.6 18.9 28.3

277 23.3 19.2 28.8



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

