

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
 Data File : BM003681.D
 Acq On : 21 Dec 2015 15:30
 Operator : UM/SJ
 Sample : G4734-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KW6

Quant Time: Dec 22 11:15:34 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	28119	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	115046	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	61628	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	134580	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	153309	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	153863	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	3359	6.44	ng/uL	0.00
5) Phenol-d5	6.87	99	67997	28.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	37719	29.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	59752	30.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	56413	27.48	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	27273	32.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	29795	31.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	53441	31.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	48652	21.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	163198	32.04	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	192152	33.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	30004	30.24	ng/ul	0.00
58) Fluorene-d10	15.34	176	136711	32.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	28046	36.98	ng/ul	0.00
71) Anthracene-d10	17.19	188	211840	34.60	ng/ul	0.00
79) Pyrene-d10	19.50	212	235638	35.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	269601	35.27	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.89	94	42645	17.08	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	94841	51.43	ng/ul	100
11) 2-Methylphenol	8.14	108	96490	48.83	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.50	70	75340	48.51	ng/ul	100
16) 4-Methylphenol	8.46	108	103474	46.98	ng/ul	88
17) Hexachloroethane	8.76	117	27952	36.56	ng/ul	96
21) Isophorone	9.42	82	133649	34.78	ng/ul	100
24) 2,4-Dimethylphenol	9.67	107	86670	40.66	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	100831	43.54	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	26822	15.06	ng/ul	99
28) Naphthalene	10.53	128	134786	22.74	ng/ul	100
31) Hexachlorobutadiene	10.82	225	63884	58.26	ng/ul	98
32) Caprolactam	11.40	113	20398	30.65	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	74305	39.85	ng/ul	99
38) Hexachlorocyclopentadiene	12.50	237	37746	37.79	ng/ul	98
40) 2,4,5-Trichlorophenol	12.85	196	52653	37.83	ng/ul	98
42) 2-Chloronaphthalene	13.22	162	76026	20.22	ng/ul	100
45) Dimethylphthalate	13.80	163	98787	18.96	ng/ul	99
48) Acenaphthylene	14.07	152	143010	22.55	ng/ul	100
49) 3-Nitroaniline	14.26	138	43611	38.50	ng/ul	98
50) Acenaphthene	14.41	153	140728	33.23	ng/ul	99
51) 2,4-Dinitrophenol	14.47	184	26377	48.99	ng/ul	99
54) Dibenzofuran	14.74	168	114502	18.94	ng/ul	100

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

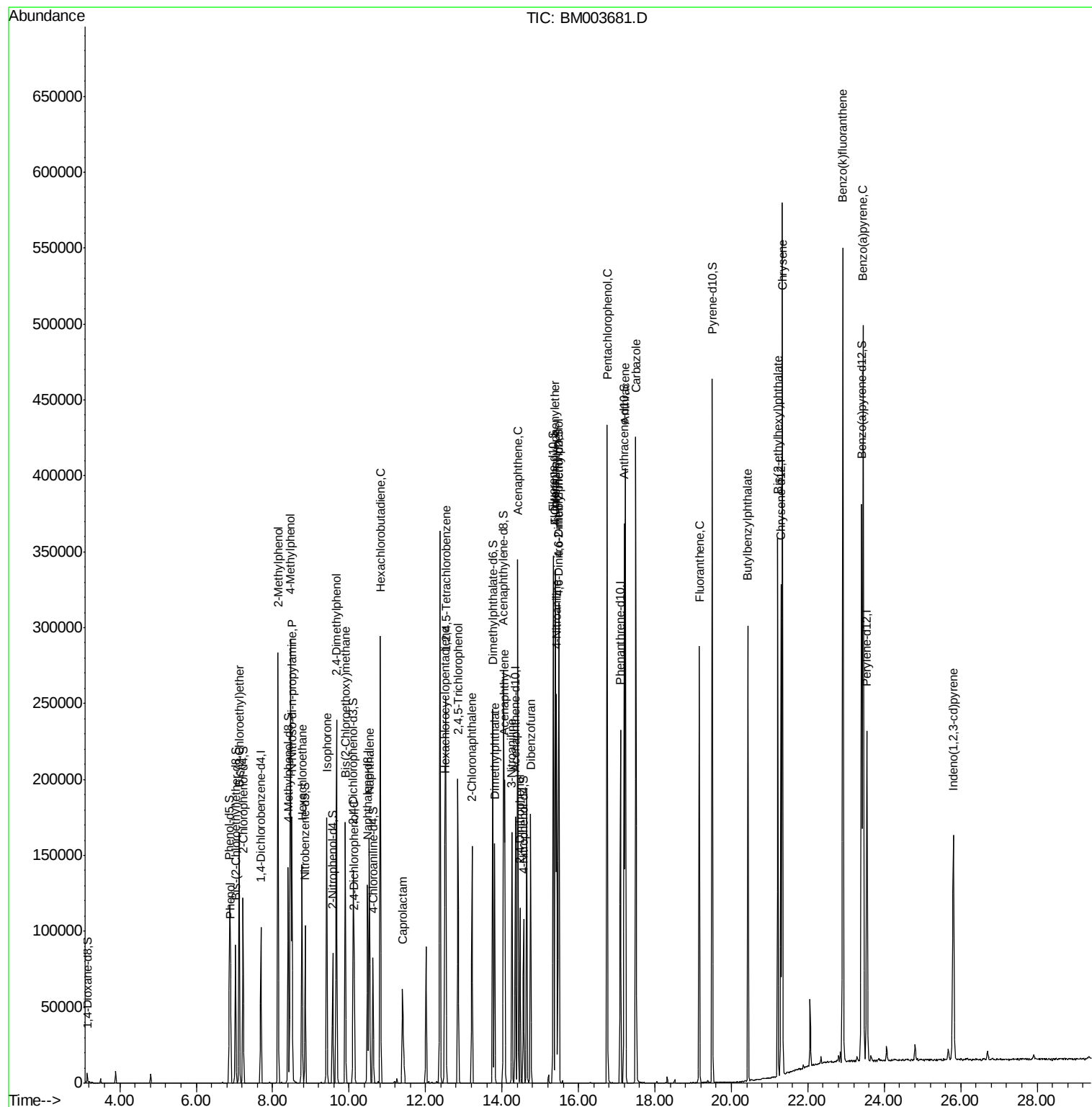
59) Fluorene	15.40	166	37744	7.78	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.39	204	73363	31.16	ng/ul	100
61) 4-Nitroaniline	15.43	138	71580	56.88	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.49	198	62490	76.91	ng/ul	99
69) Pentachlorophenol	16.75	266	69793	83.01	ng/ul	99
72) Anthracene	17.23	178	249352	32.84	ng/ul	100
75) Carbazole	17.50	167	272934	39.39	ng/ul	100
77) Fluoranthene	19.16	202	167434	19.57	ng/ul	99
81) Butylbenzylphthalate	20.43	149	90212	21.62	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.22	149	130051	20.94	ng/ul	99
85) Chrysene	21.34	228	278216	31.22	ng/ul	100
89) Benzo(k)fluoranthene	22.92	252	359007	40.85	ng/ul	99
91) Benzo(a)pyrene	23.45	252	351721	39.64	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.81	276	160964	16.86	ng/ul#	91

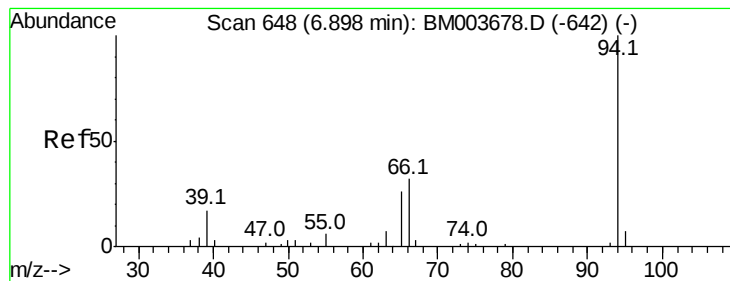
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 17.08 ng/ul

RT: 6.89 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

Instrument :

BNA_M

ClientSampleId :

A4KW6

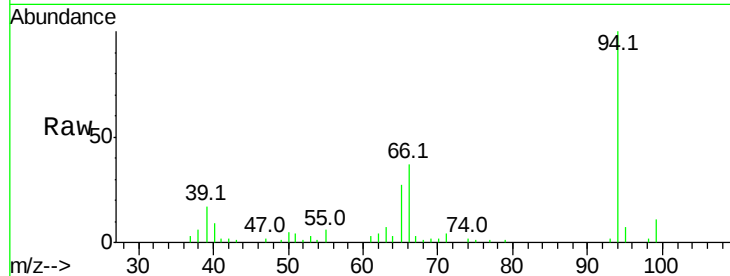
Tot Ion: 94 Resp: 42645

Ion Ratio Lower Upper

94 100

65 26.9 21.0 31.6

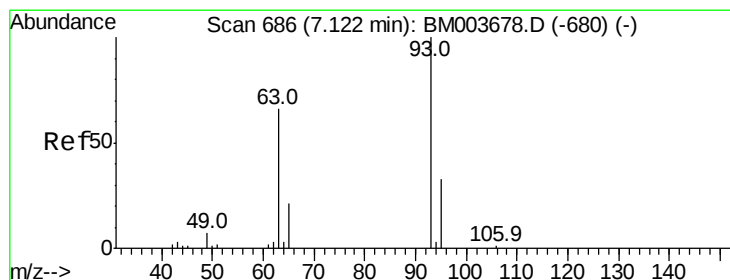
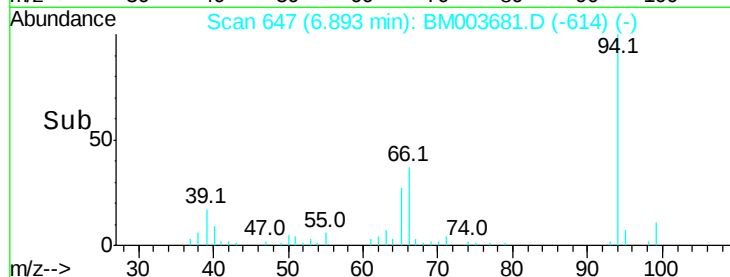
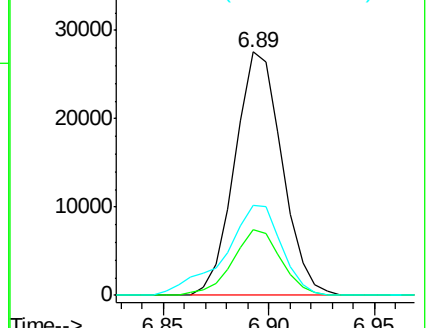
66 36.9 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM003678.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM003678.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM003678.D (-642) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 51.43 ng/ul

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

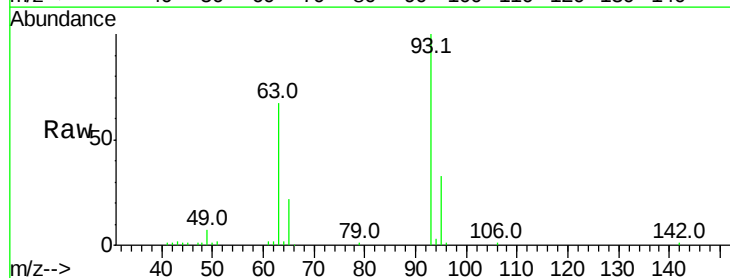
Tgt Ion: 93 Resp: 94841

Ion Ratio Lower Upper

93 100

63 67.4 53.5 80.3

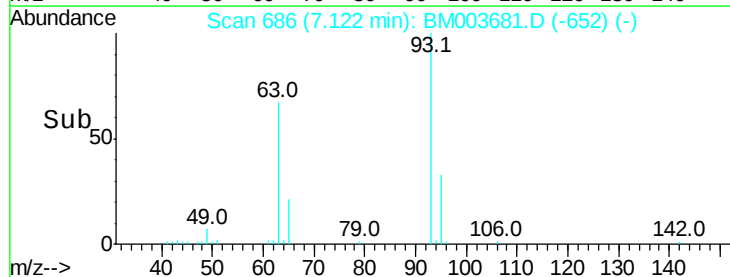
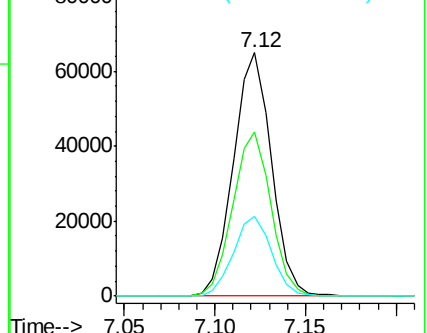
95 32.5 26.2 39.2

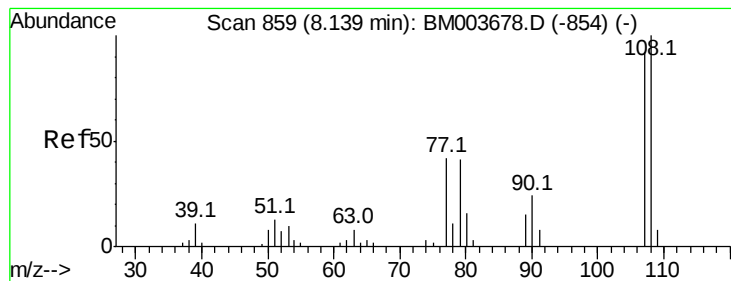


Abundance Ion 93.00 (92.70 to 93.70): BM003678.D (-680) (-)

Ion 63.00 (62.70 to 63.70): BM003678.D (-680) (-)

Ion 95.00 (94.70 to 95.70): BM003678.D (-680) (-)





#11

2-Methylphenol

Concen: 48.83 ng/ul

RT: 8.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

Instrument :

BNA_M

ClientSampleId :

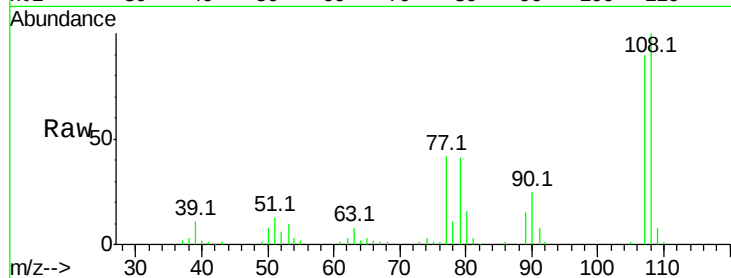
A4KW6

Tot Ion:108 Resp: 96490

Ion Ratio Lower Upper

108 100

107 90.4 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

60000

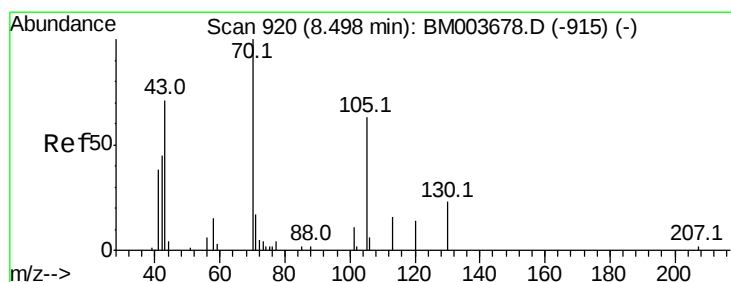
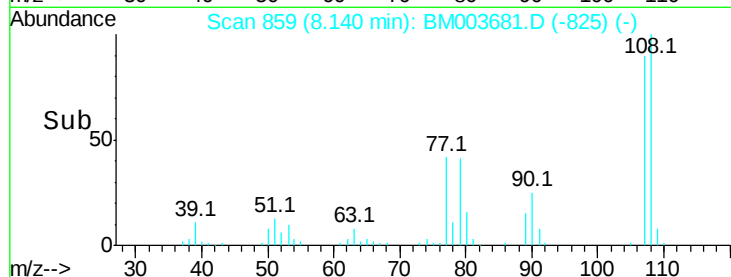
40000

20000

0

8.10 8.15 8.20

Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 48.51 ng/ul

RT: 8.50 min Scan# 921

Delta R.T. 0.01 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

Tgt Ion: 70 Resp: 75340

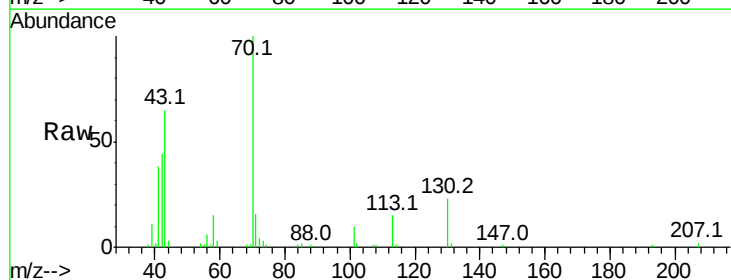
Ion Ratio Lower Upper

70 100

42 43.8 35.4 53.0

101 10.4 8.4 12.6

130 22.7 18.2 27.4



Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

60000

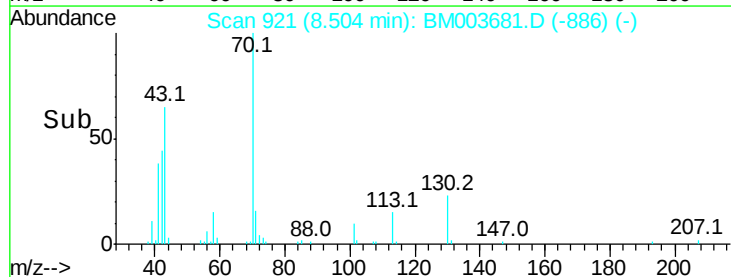
40000

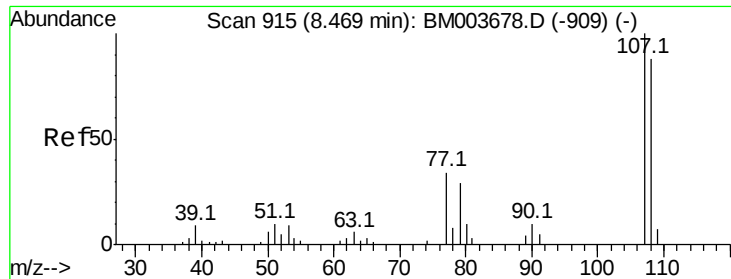
20000

0

8.45 8.50 8.55

Time-->

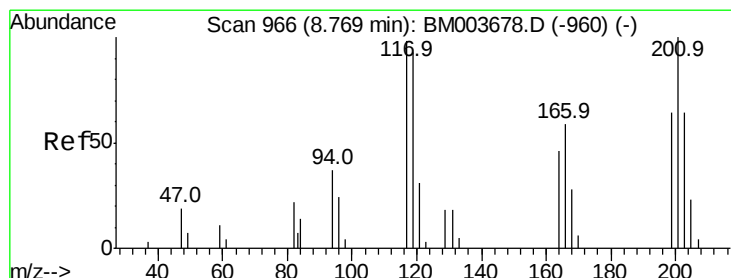
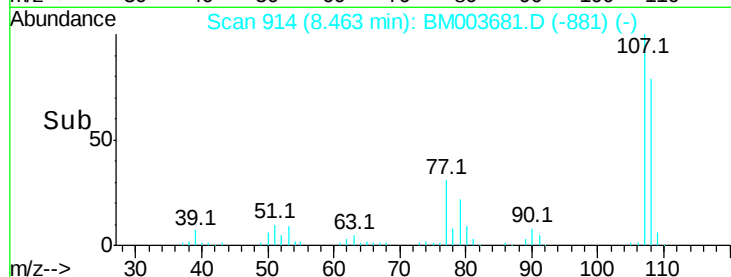
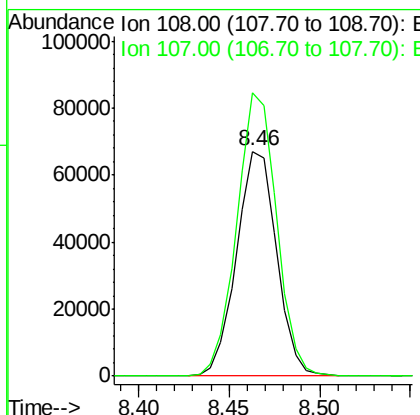
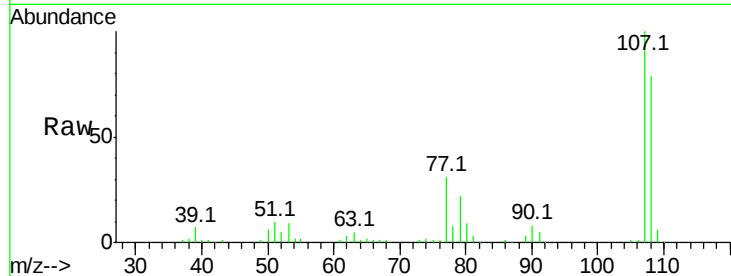




#16
4-Methylphenol
Concen: 46.98 ng/ul
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM003681.D
Acq: 21 Dec 2015 15:30

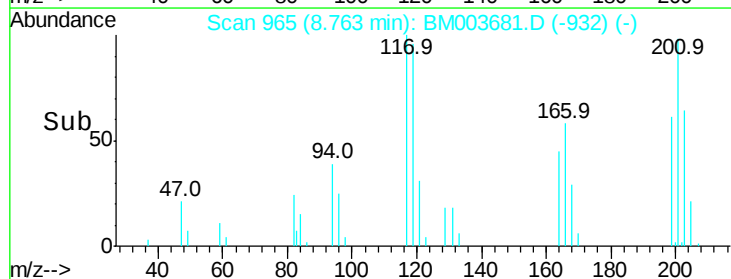
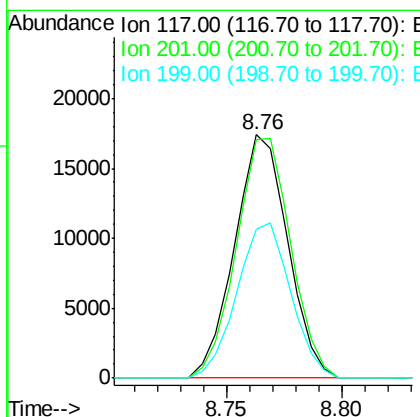
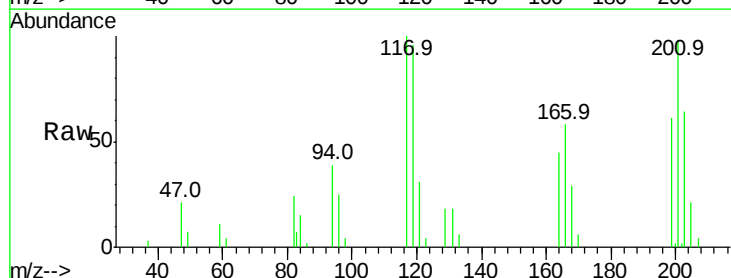
Instrument :
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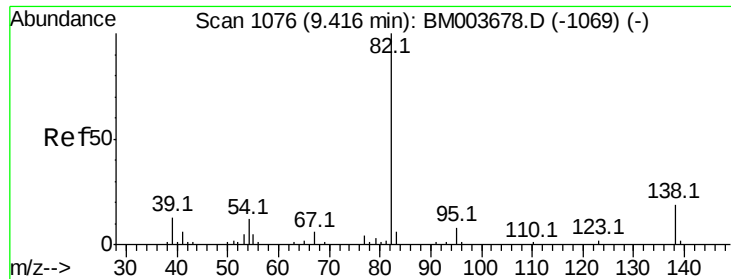
Tot Ion:108 Resp: 103474
Ion Ratio Lower Upper
108 100
107 125.8 90.3 135.5



#17
Hexachloroethane
Concen: 36.56 ng/ul
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BM003681.D
Acq: 21 Dec 2015 15:30

Tgt Ion:117 Resp: 27952
Ion Ratio Lower Upper
117 100
201 97.8 81.5 122.3
199 61.1 50.6 76.0





#21

Isophorone

Concen: 34.78 ng/ul

RT: 9.42 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

Instrument :

BNA_M

ClientSampled :

A4KW6

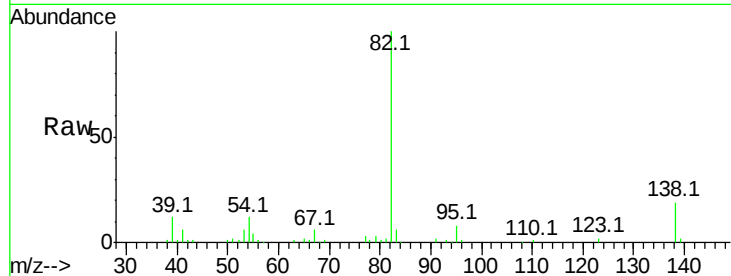
Tot Ion: 82 Resp: 133649

Ion Ratio Lower Upper

82 100

95 7.5 6.4 9.6

138 18.6 14.9 22.3

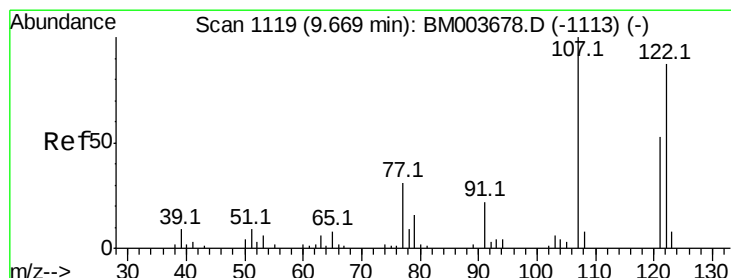
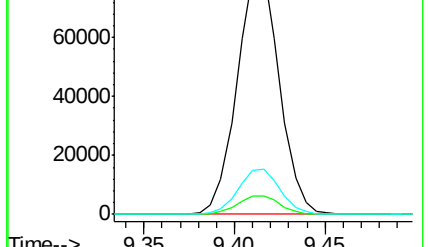
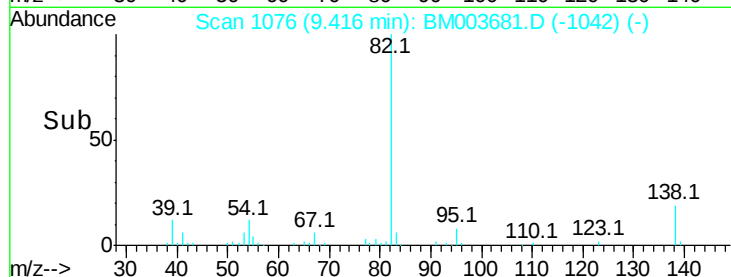


Abundance Ion 82.00 (81.70 to 82.70): BM003681.D (-1042) (-)

Ion 95.00 (94.70 to 95.70): BM003681.D (-1042) (-)

Ion 138.00 (137.70 to 138.70): BM003681.D (-1042) (-)

Time-->



#24

2,4-Dimethylphenol

Concen: 40.66 ng/ul

RT: 9.67 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

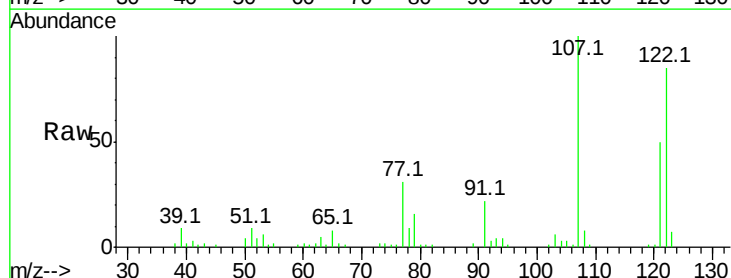
Tgt Ion:107 Resp: 86670

Ion Ratio Lower Upper

107 100

121 49.9 40.6 61.0

122 85.1 67.8 101.6

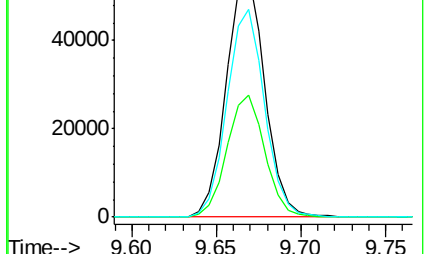
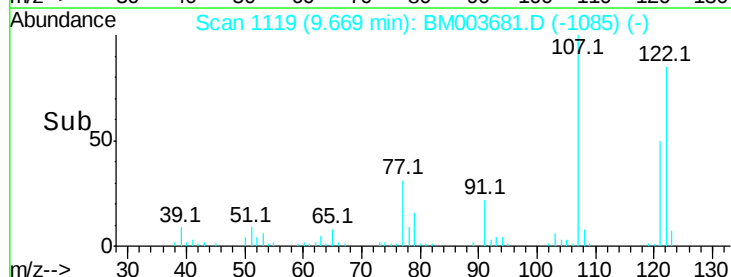


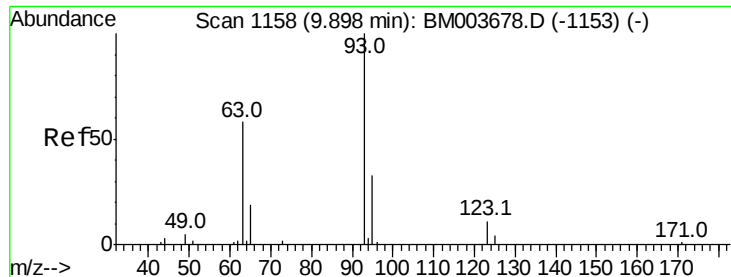
Abundance Ion 107.00 (106.70 to 107.70): BM003681.D (-1085) (-)

Ion 121.00 (120.70 to 121.70): BM003681.D (-1085) (-)

Ion 122.00 (121.70 to 122.70): BM003681.D (-1085) (-)

Time-->





#25

Bis(2-Chloroethoxy)methane

Concen: 43.54 ng/ul

RT: 9.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BM003681.D

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A4KW6

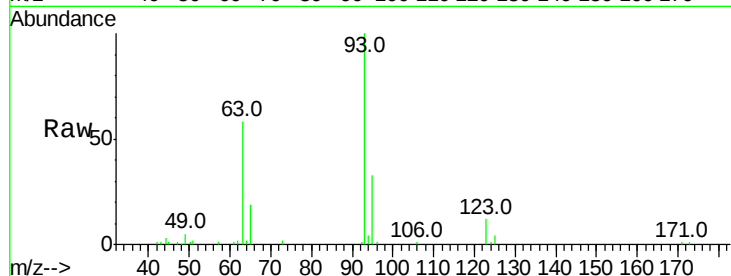
Tot Ion: 93 Resp: 100831

Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

123 11.8 9.8 14.8

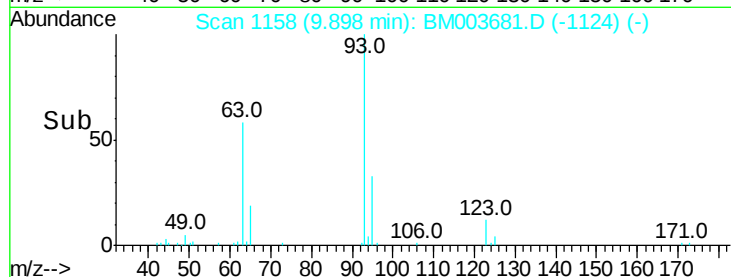


Abundance Ion 93.00 (92.70 to 93.70): BM003681.D (-1153) (-)

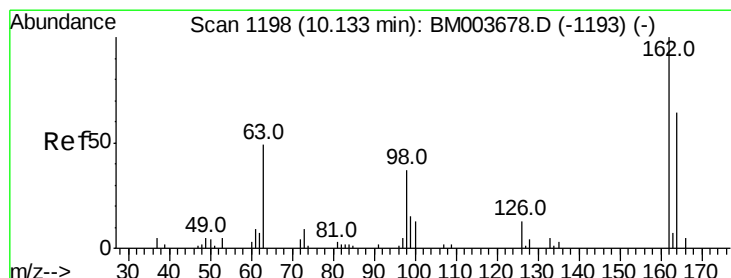
Ion 95.00 (94.70 to 95.70): BM003681.D (-1153) (-)

Ion 123.00 (122.70 to 123.70): BM003681.D (-1153) (-)

Time-->



Time-->



#27

2,4-Dichlorophenol

Concen: 15.06 ng/ul

RT: 10.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

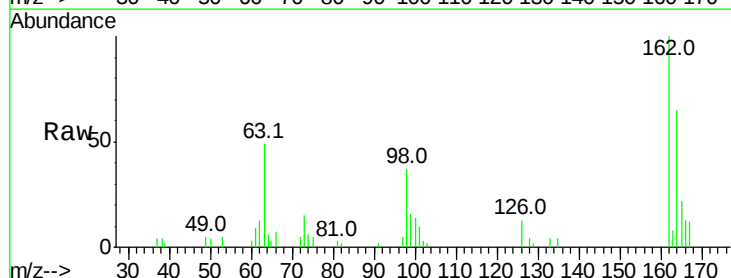
Tgt Ion:162 Resp: 26822

Ion Ratio Lower Upper

162 100

164 65.1 52.1 78.1

98 37.1 28.4 42.6

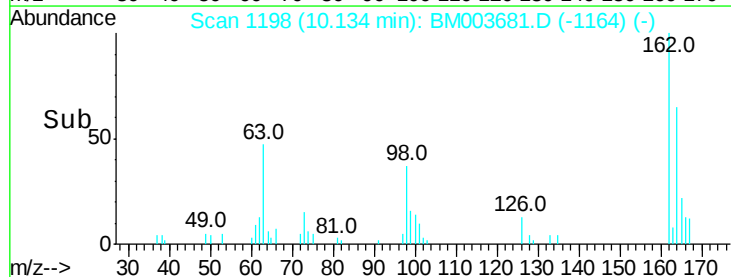


Abundance Ion 162.00 (161.70 to 162.70): BM003681.D (-1193) (-)

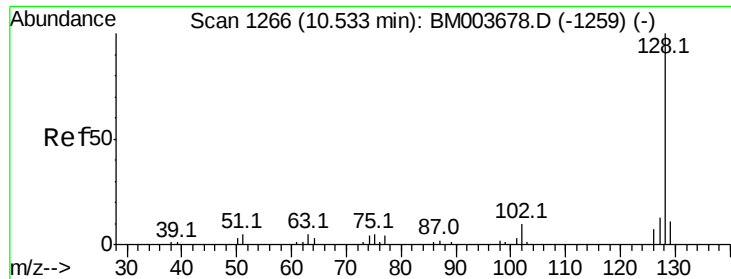
Ion 164.00 (163.70 to 164.70): BM003681.D (-1193) (-)

Ion 98.00 (97.70 to 98.70): BM003681.D (-1193) (-)

Time-->



Time-->



#28

Naphthalene

Concen: 22.74 ng/ul

RT: 10.53 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

Instrument :

BNA_M

ClientSampleId :

A4KW6

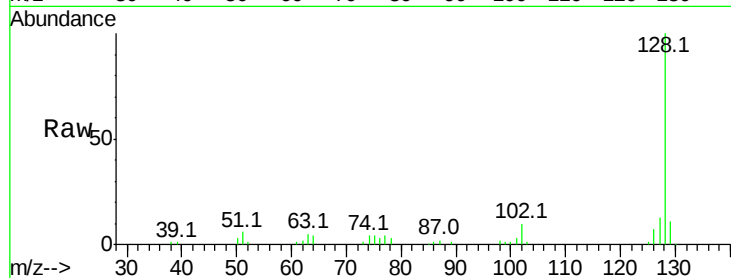
Tot Ion:128 Resp: 134786

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

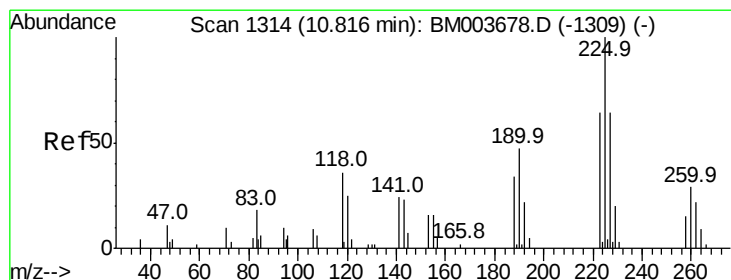
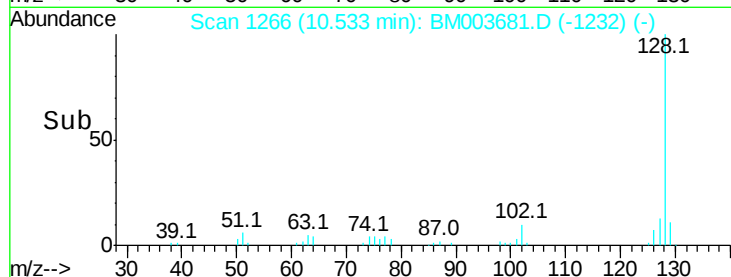
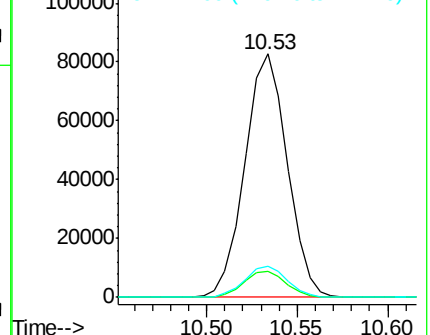
127 13.0 10.5 15.7



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



#31

Hexachlorobutadiene

Concen: 58.26 ng/ul

RT: 10.82 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

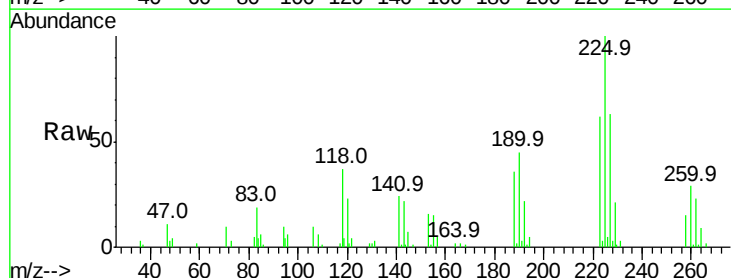
Tgt Ion:225 Resp: 63884

Ion Ratio Lower Upper

225 100

223 62.3 51.4 77.2

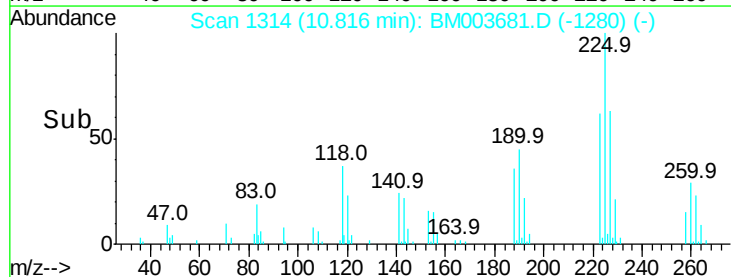
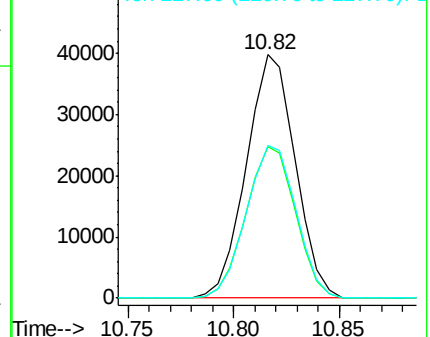
227 62.5 50.7 76.1

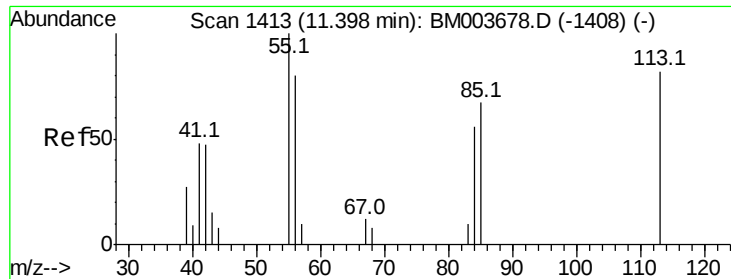


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 30.65 ng/ul

RT: 11.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

Instrument :

BNA_M

ClientSampleId :

A4KW6

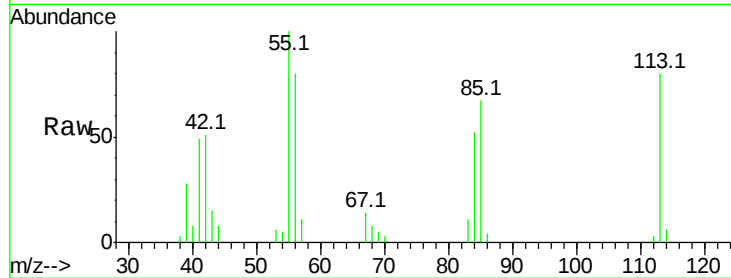
Tot Ion:113 Resp: 20398

Ion Ratio Lower Upper

113 100

55 125.3 101.9 152.9

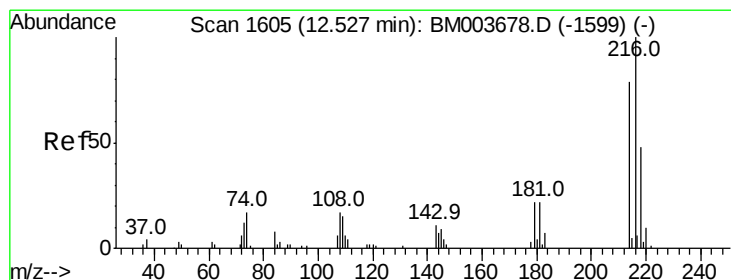
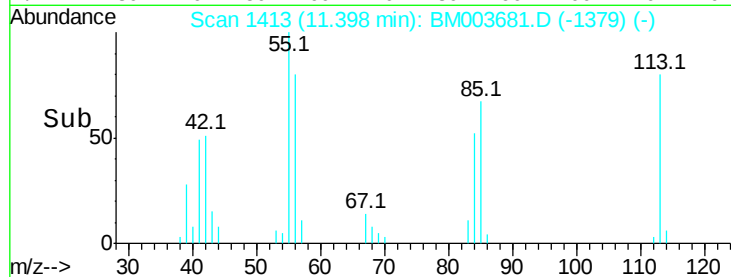
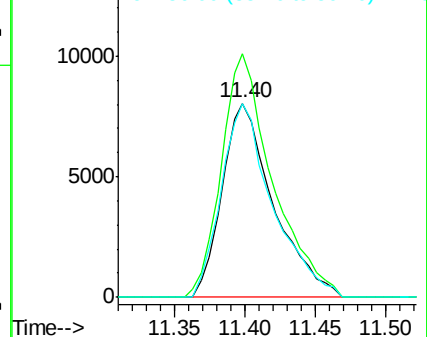
56 99.8 81.2 121.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#37

1,2,4,5-Tetrachlorobenzene

Concen: 39.85 ng/ul

RT: 12.53 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

Tgt Ion:216 Resp: 74305

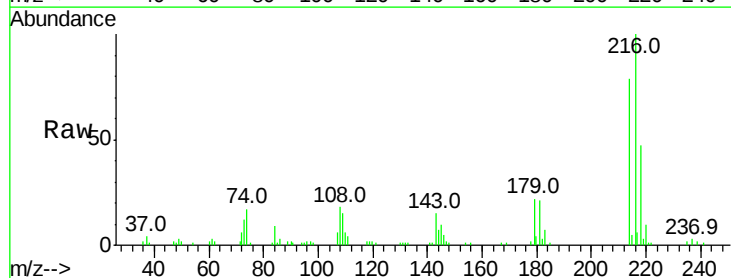
Ion Ratio Lower Upper

216 100

214 79.0 62.5 93.7

179 22.0 18.2 27.2

108 17.6 14.2 21.2

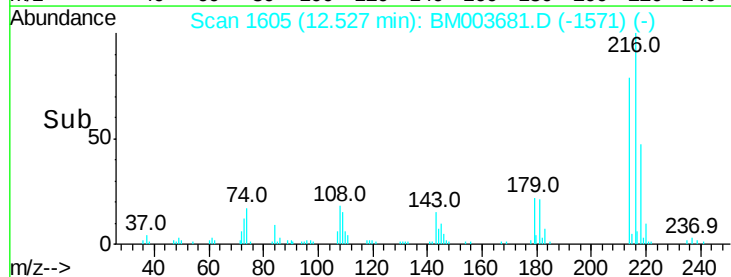
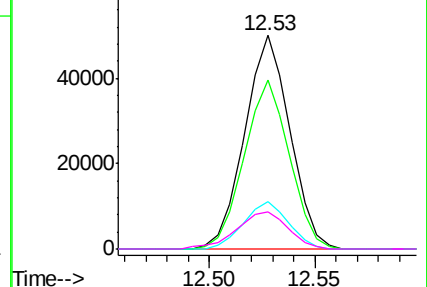


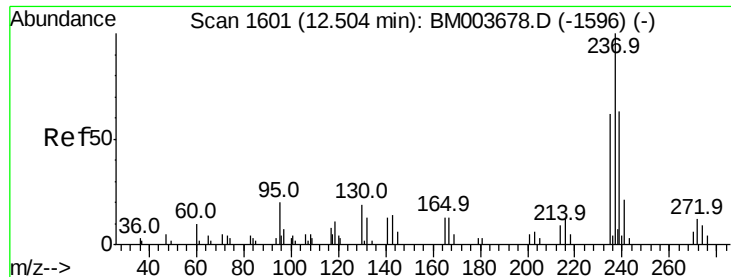
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

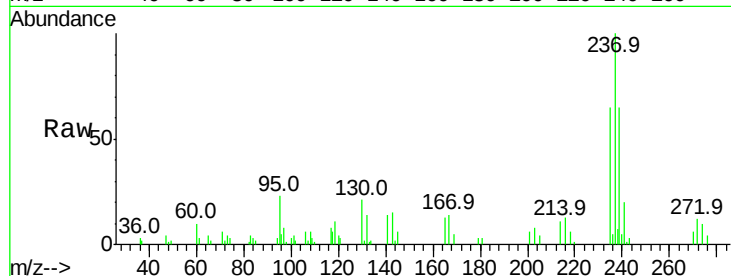




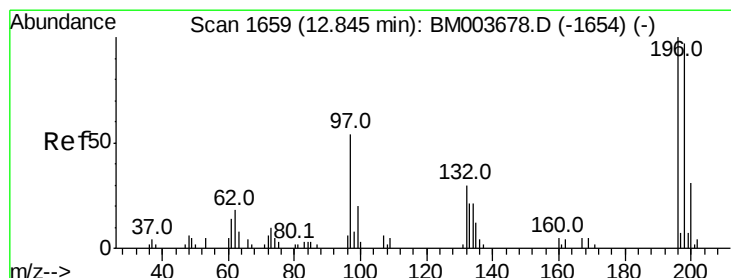
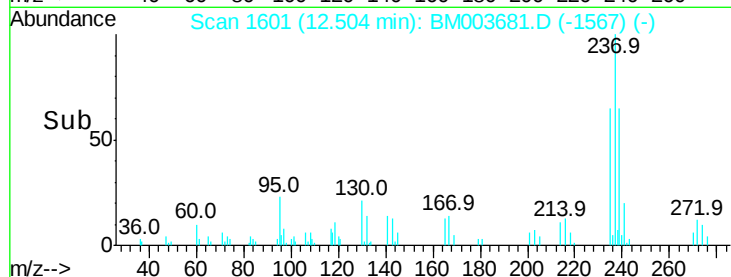
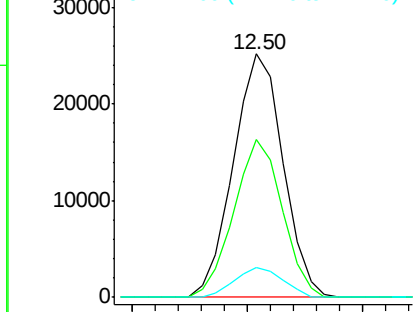
#38
Hexachlorocyclopentadiene
Concen: 37.79 ng/ul
RT: 12.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BM003681.D
Acq: 21 Dec 2015 15:30

Instrument :
BNA_M
ClientSampleId :
A4KW6

Tot Ion:237 Resp: 37746
Ion Ratio Lower Upper
237 100
235 64.6 50.4 75.6
272 12.4 9.6 14.4

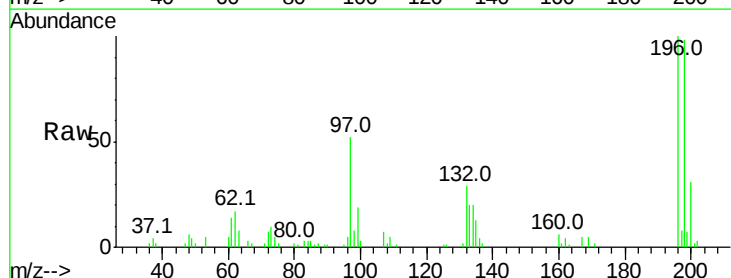


Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E

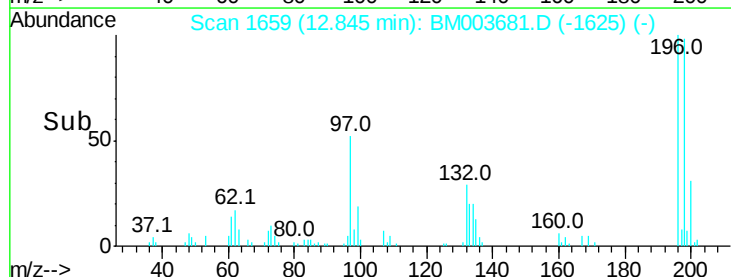
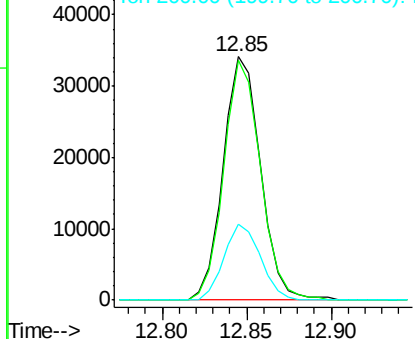


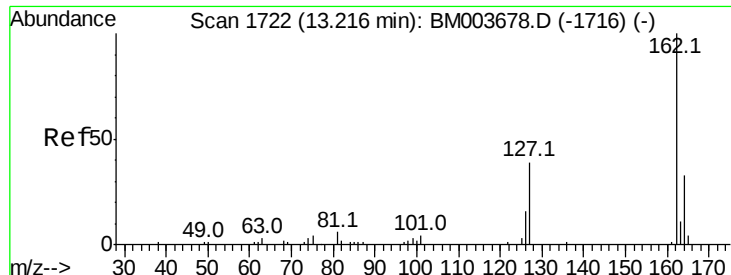
#40
2,4,5-Trichlorophenol
Concen: 37.83 ng/ul
RT: 12.85 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BM003681.D
Acq: 21 Dec 2015 15:30

Tgt Ion:196 Resp: 52653
Ion Ratio Lower Upper
196 100
198 98.5 76.9 115.3
200 31.4 25.0 37.4



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

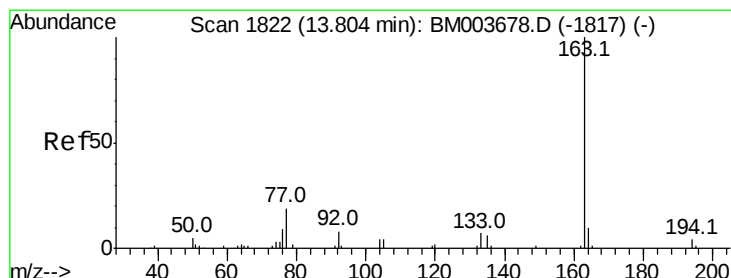
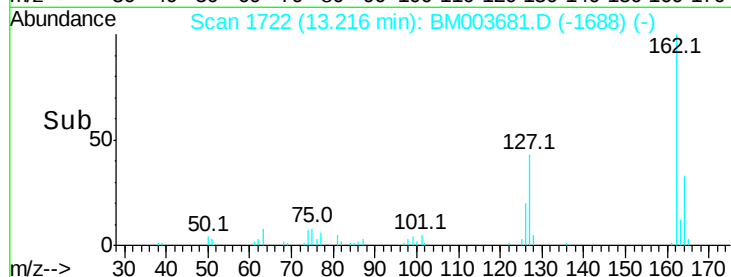
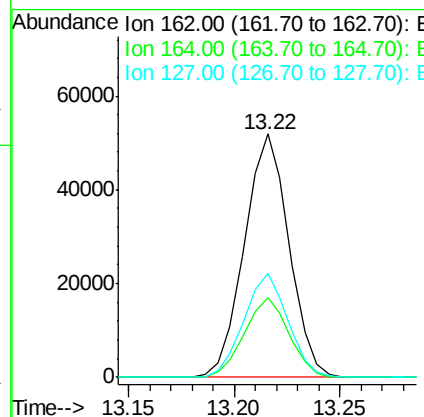
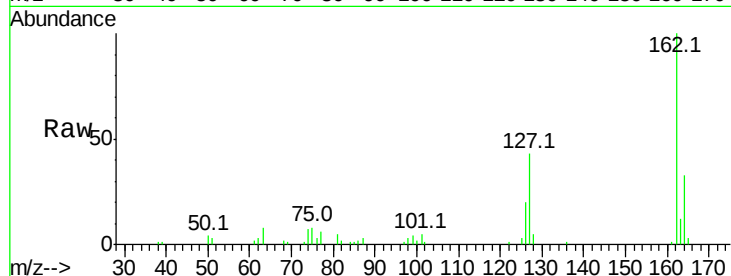




#42
 2-Chloronaphthalene
 Concen: 20.22 ng/ul
 RT: 13.22 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BM003681.D
 Acq: 21 Dec 2015 15:30

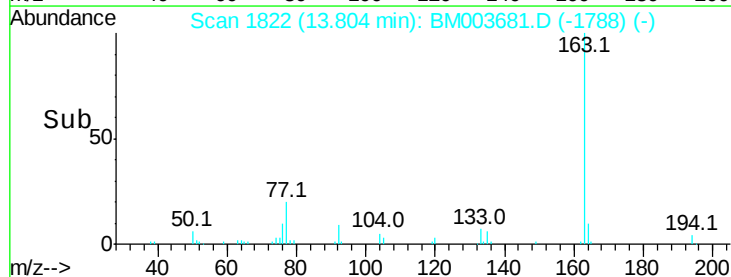
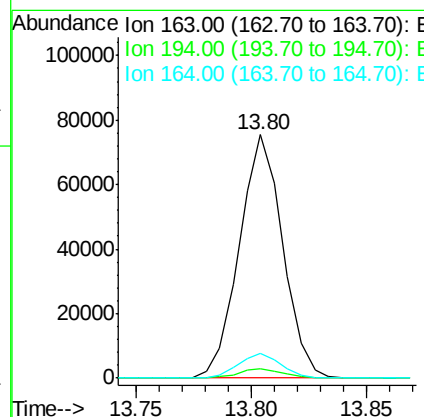
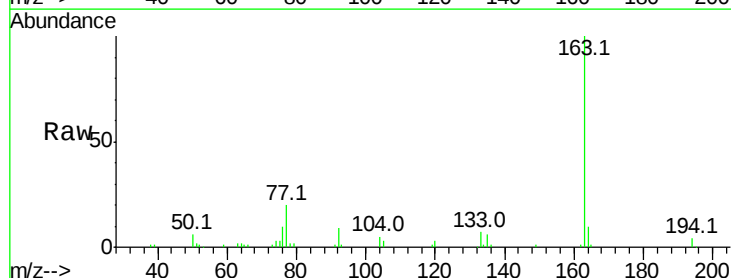
Instrument :
 BNA_M
 ClientSampleId :
 A4KW6

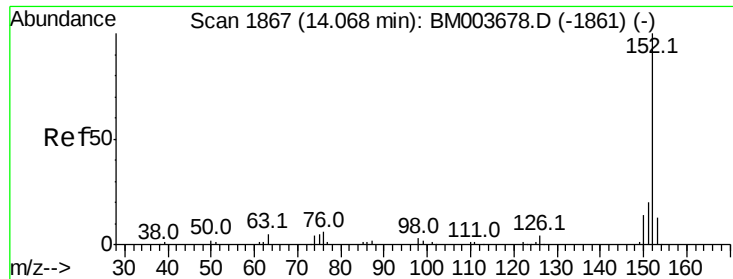
Tot Ion:162 Resp: 76026
 Ion Ratio Lower Upper
 162 100
 164 32.7 25.9 38.9
 127 42.6 34.1 51.1



#45
 Dimethylphthalate
 Concen: 18.96 ng/ul
 RT: 13.80 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BM003681.D
 Acq: 21 Dec 2015 15:30

Tgt Ion:163 Resp: 98787
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.2 4.8
 164 9.9 7.8 11.8





#48

Acenaphthylene

Concen: 22.55 ng/ul

RT: 14.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

Instrument :

BNA_M

ClientSampleId :

A4KW6

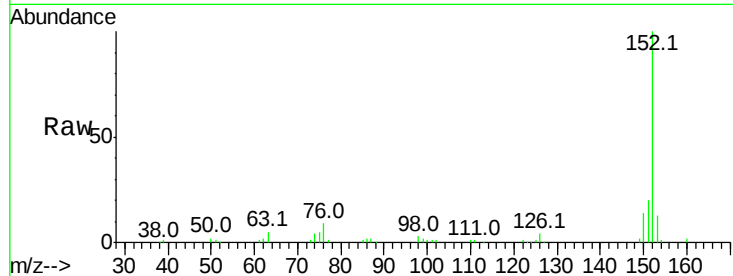
Tot Ion:152 Resp: 143010

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

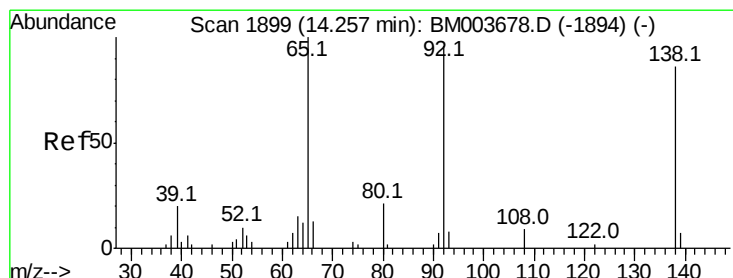
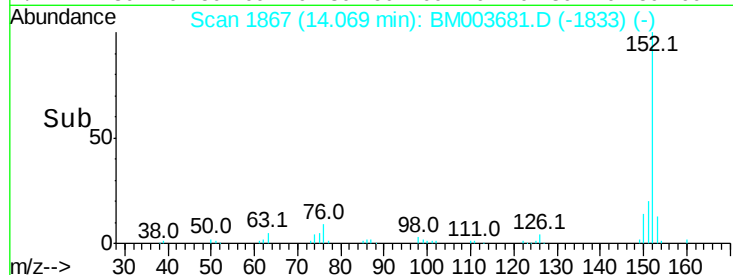
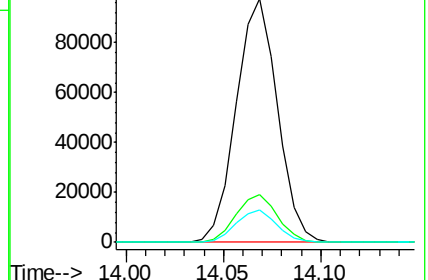
153 13.2 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

3-Nitroaniline

Concen: 38.50 ng/ul

RT: 14.26 min Scan# 1900

Delta R.T. 0.01 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

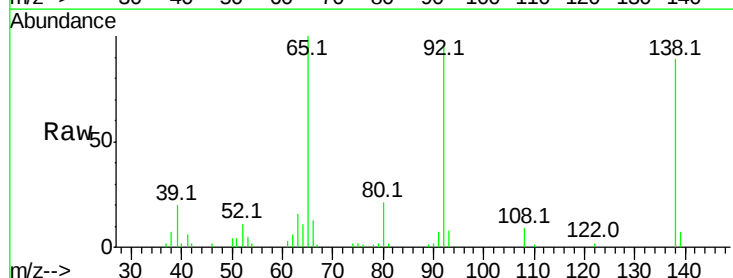
Tgt Ion:138 Resp: 43611

Ion Ratio Lower Upper

138 100

108 10.7 8.7 13.1

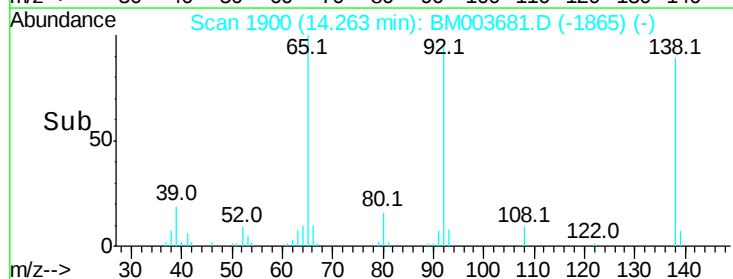
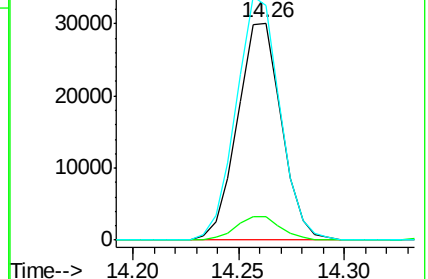
92 108.3 88.2 132.4

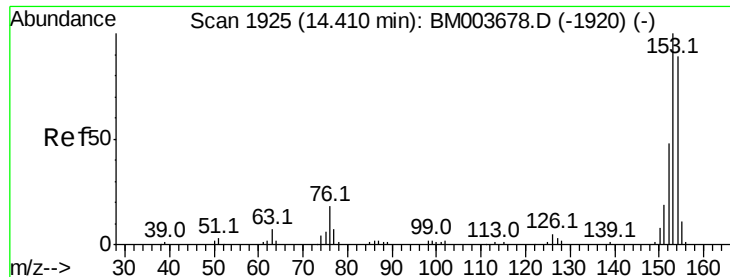


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#50

Acenaphthene

Concen: 33.23 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

Instrument :

BNA_M

ClientSampleId :

A4KW6

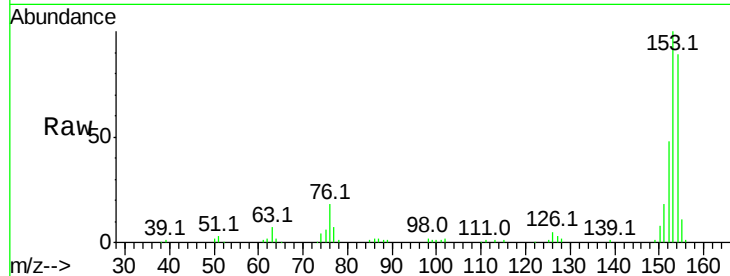
Tot Ion:153 Resp: 140728

Ion Ratio Lower Upper

153 100

152 47.9 38.3 57.5

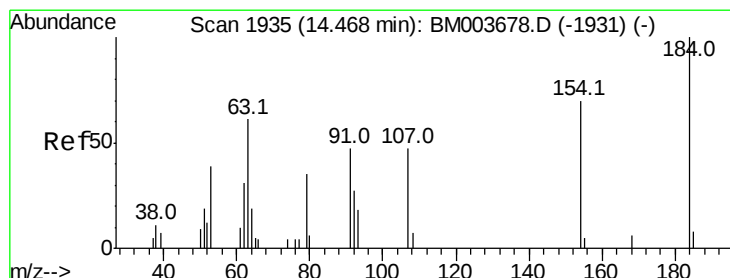
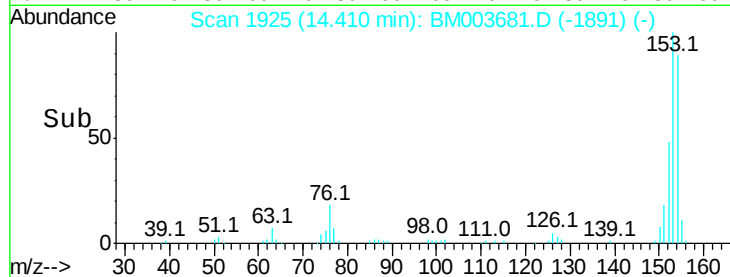
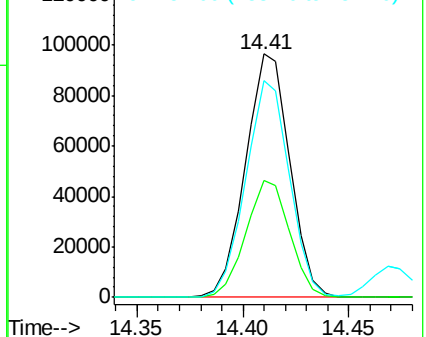
154 88.8 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#51

2,4-Dinitrophenol

Concen: 48.99 ng/ul

RT: 14.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

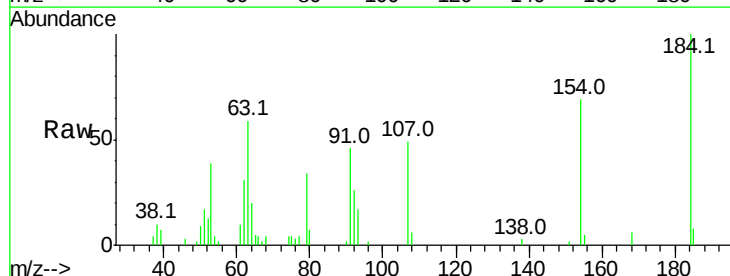
Tgt Ion:184 Resp: 26377

Ion Ratio Lower Upper

184 100

63 59.0 46.5 69.7

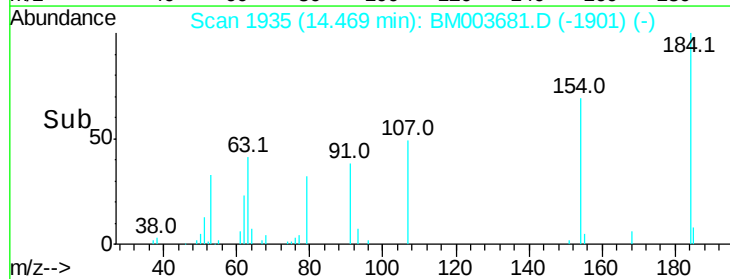
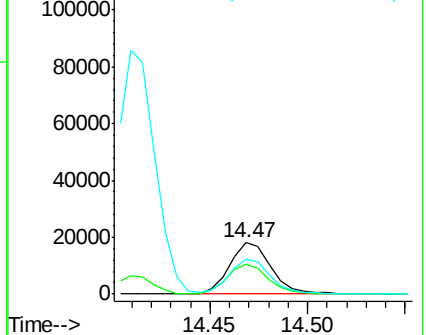
154 69.0 54.6 82.0

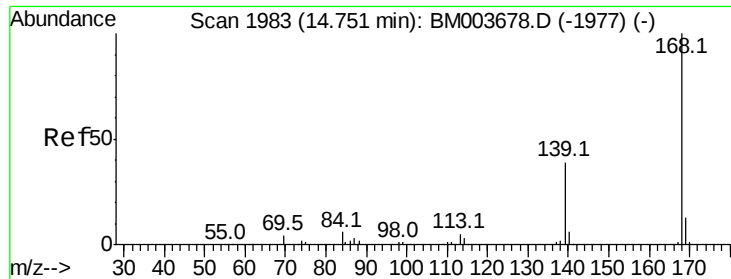


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 18.94 ng/ul

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

Instrument :

BNA_M

ClientSampleId :

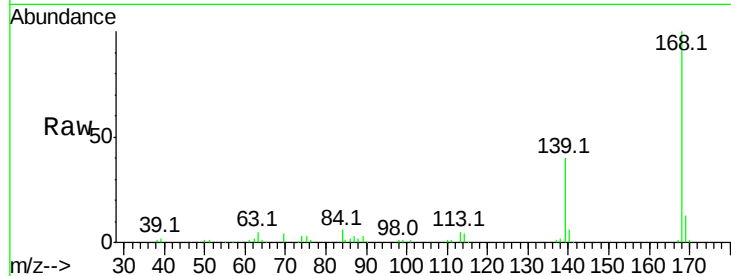
A4KW6

Tot Ion:168 Resp: 114502

Ion Ratio Lower Upper

168 100

139 40.3 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.74

80000

60000

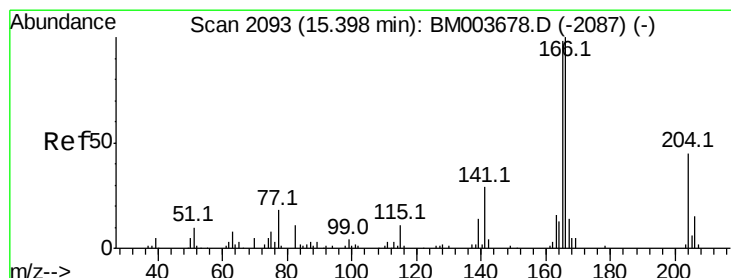
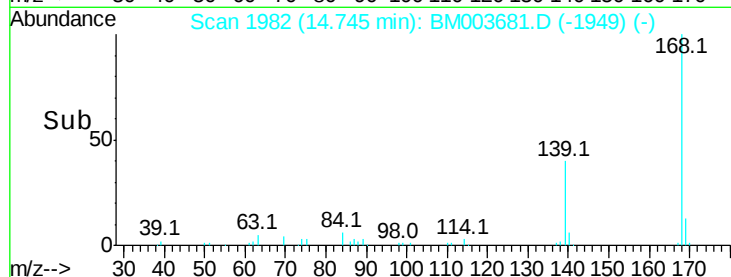
40000

20000

0

Time-->

14.70 14.75 14.80



#59

Fluorene

Concen: 7.78 ng/ul

RT: 15.40 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

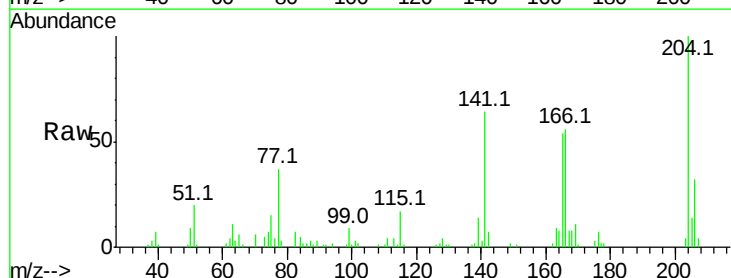
Tgt Ion:166 Resp: 37744

Ion Ratio Lower Upper

166 100

165 96.4 78.5 117.7

167 13.7 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

15.40

30000

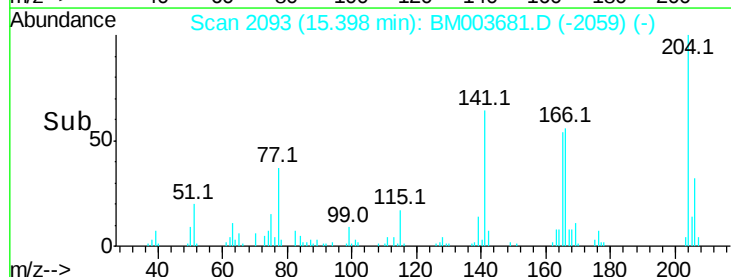
20000

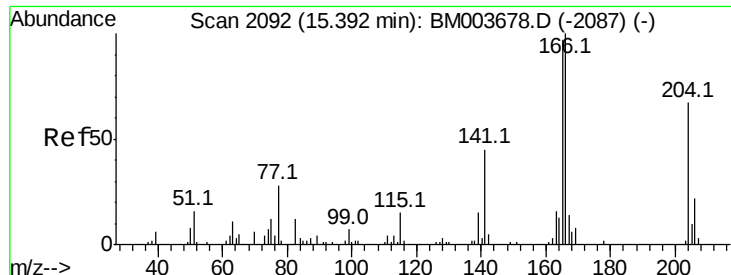
10000

0

Time-->

15.35 15.40

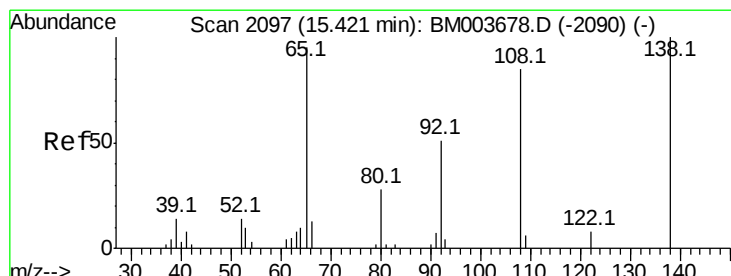
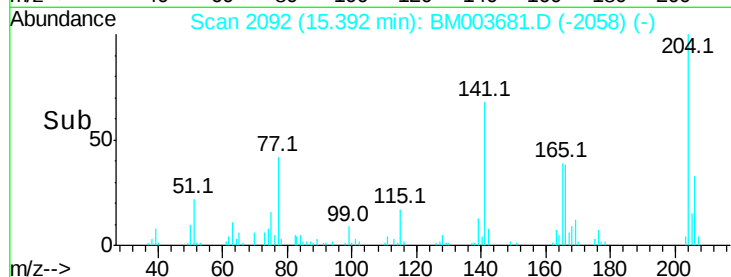
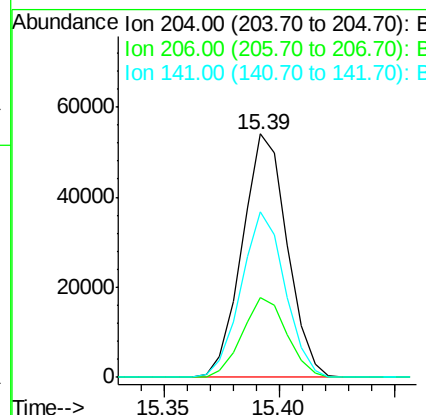
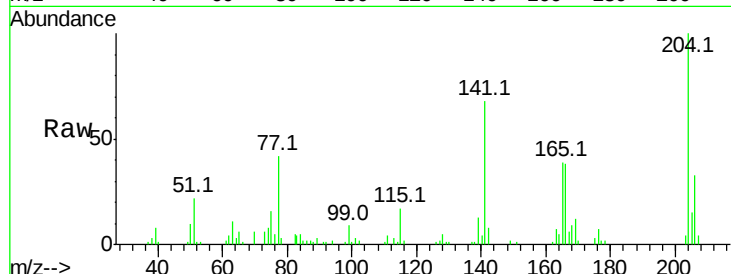




#60
4-Chlorophenyl-phenylether
Concen: 31.16 ng/ul
RT: 15.39 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BM003681.D
Acq: 21 Dec 2015 15:30

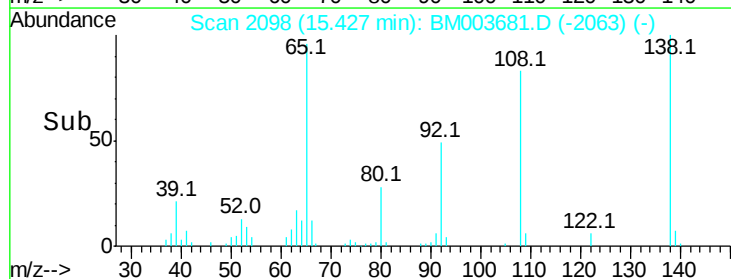
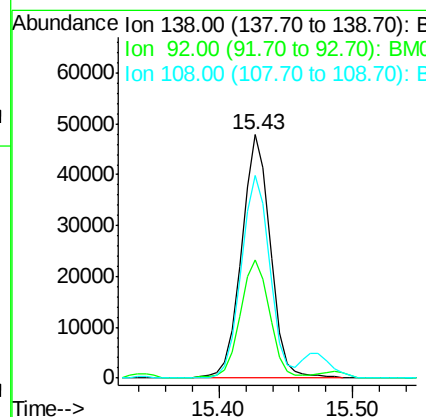
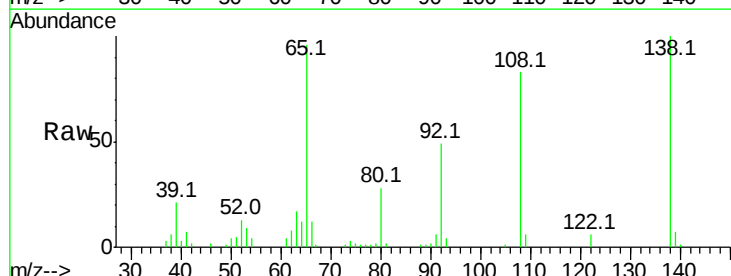
Instrument :
BNA_M
ClientSampleId :
A4KW6

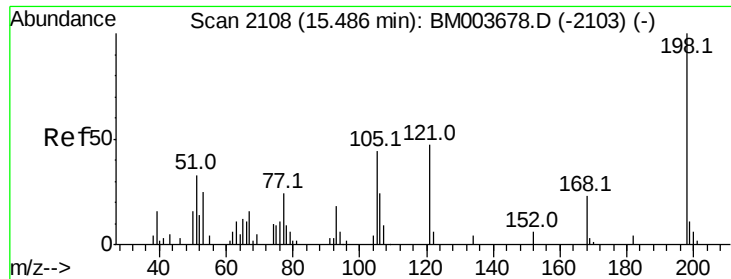
Tot Ion:204 Resp: 73363
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 68.0 54.6 81.8



#61
4-Nitroaniline
Concen: 56.88 ng/ul
RT: 15.43 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BM003681.D
Acq: 21 Dec 2015 15:30

Tgt Ion:138 Resp: 71580
Ion Ratio Lower Upper
138 100
92 48.8 40.6 60.8
108 83.1 67.0 100.6





#64

4,6-Dinitro-2-methylphenol

Concen: 76.91 ng/ul

RT: 15.49 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

Instrument :

BNA_M

ClientSampleId :

A4KW6

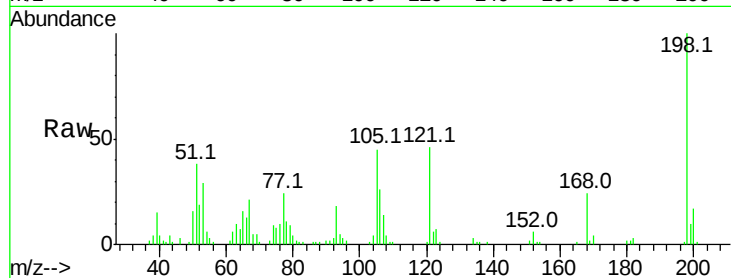
Tot Ion:198 Resp: 62490

Ion Ratio Lower Upper

198 100

182 3.4 3.1 4.7

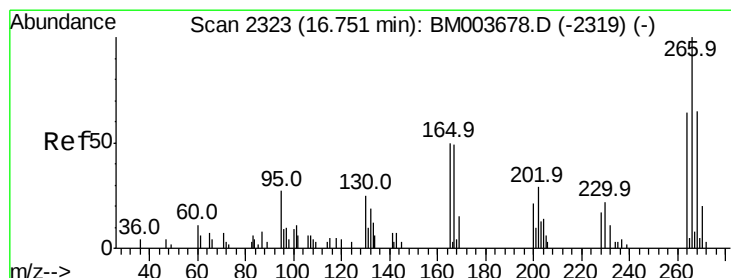
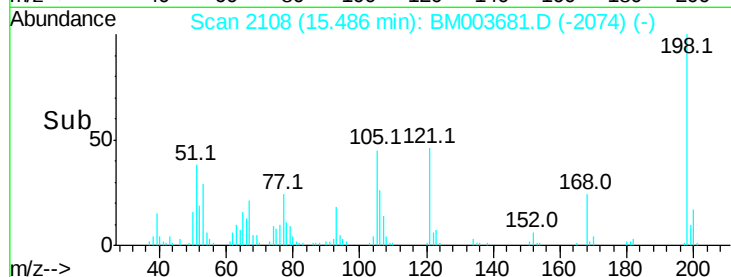
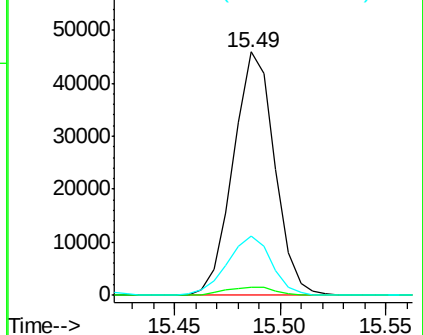
77 24.4 20.1 30.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): B



#69

Pentachlorophenol

Concen: 83.01 ng/ul

RT: 16.75 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

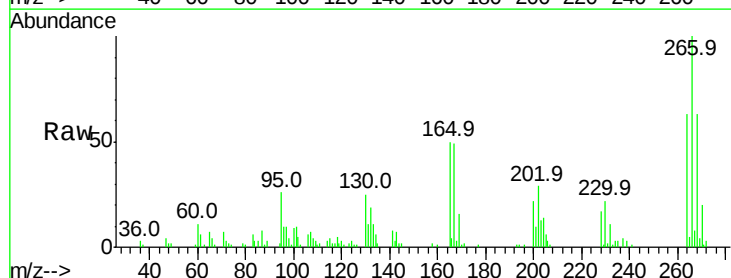
Tgt Ion:266 Resp: 69793

Ion Ratio Lower Upper

266 100

264 62.6 50.5 75.7

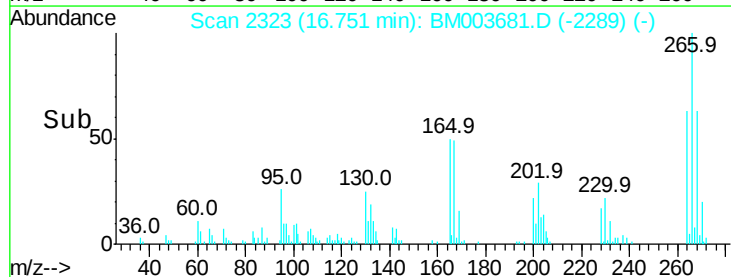
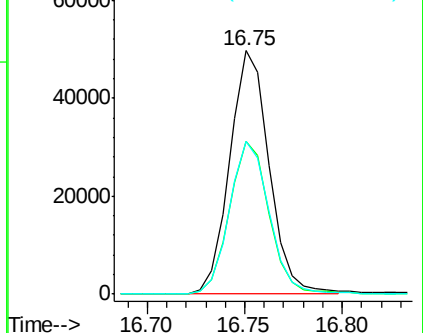
268 62.8 50.9 76.3

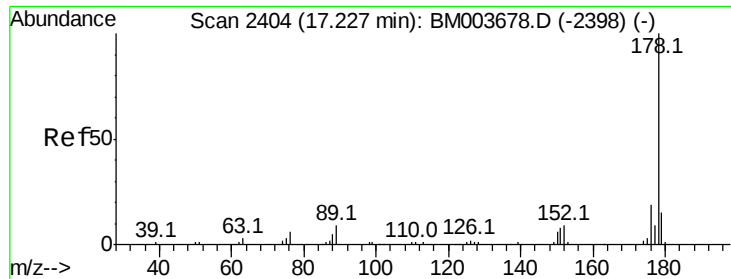


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

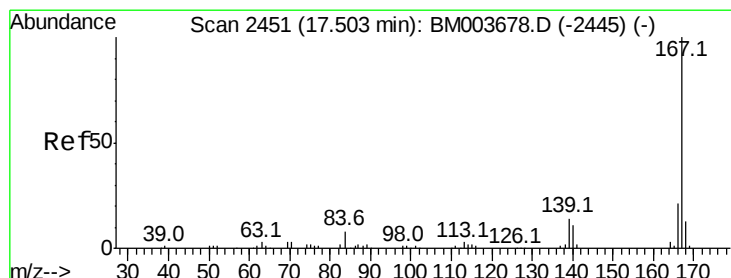
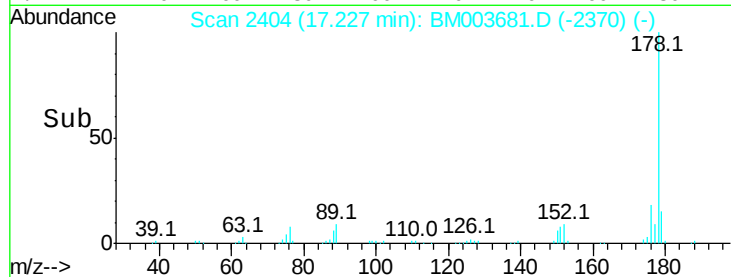
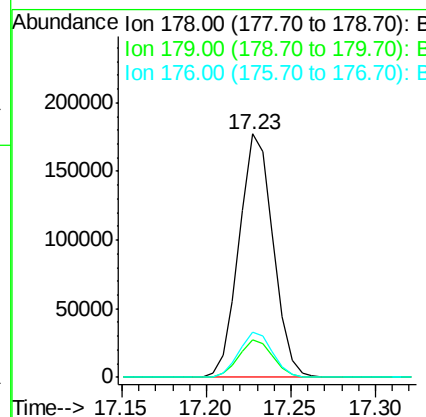
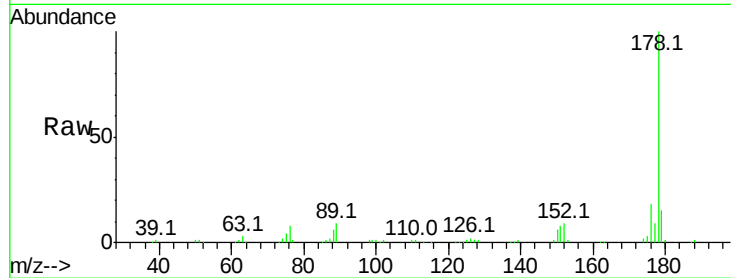




#72
 Anthracene
 Concen: 32.84 ng/ul
 RT: 17.23 min Scan# 2404
 Delta R.T. 0.00 min
 Lab File: BM003681.D
 Acq: 21 Dec 2015 15:30

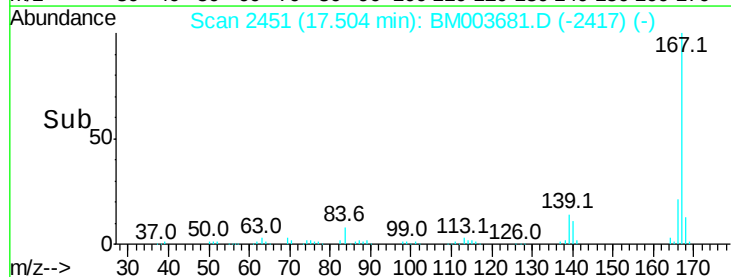
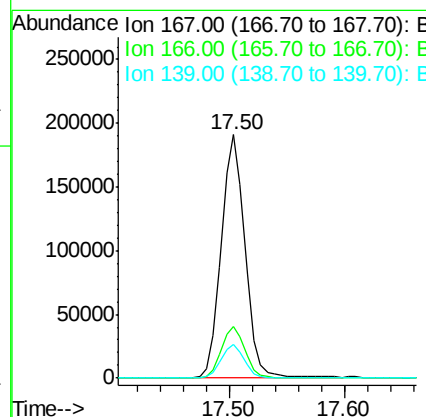
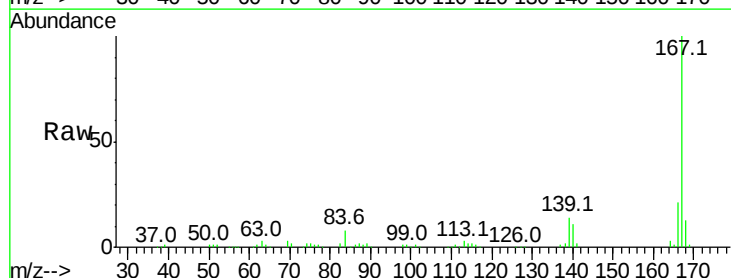
Instrument :
 BNA_M
 ClientSampleId :
 A4KW6

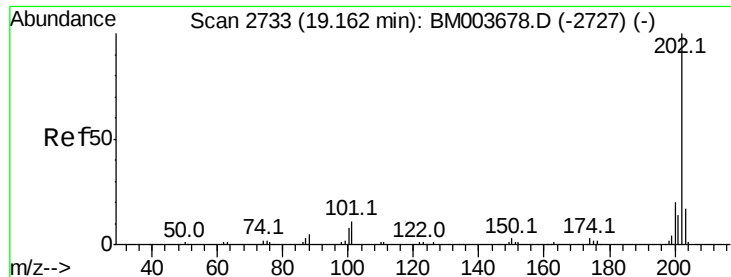
Tot Ion:178 Resp: 249352
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.1 18.1
 176 18.4 14.8 22.2



#75
 Carbazole
 Concen: 39.39 ng/ul
 RT: 17.50 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BM003681.D
 Acq: 21 Dec 2015 15:30

Tgt Ion:167 Resp: 272934
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 13.9 11.0 16.4

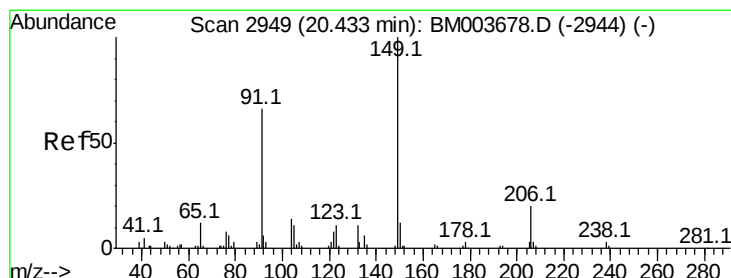
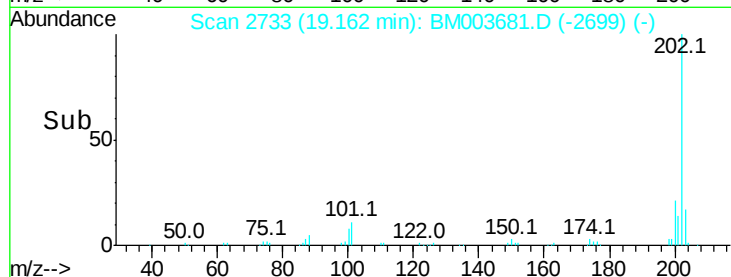
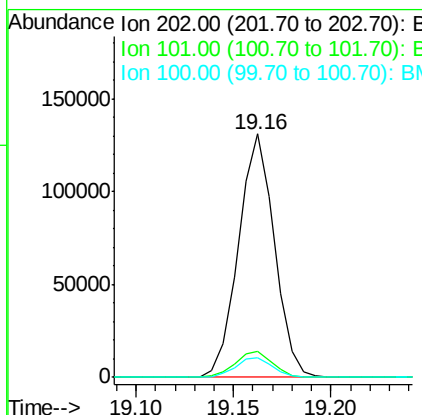
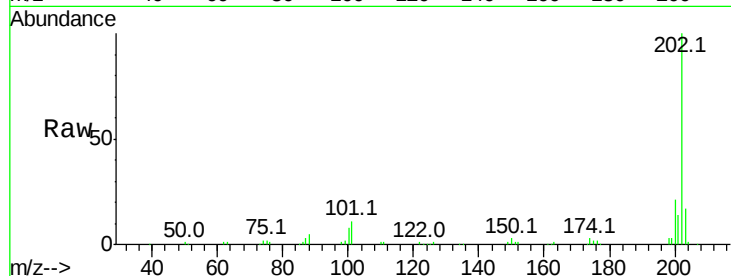




#77
Fluoranthene
 Concen: 19.57 ng/ul
 RT: 19.16 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: BM003681.D
 Acq: 21 Dec 2015 15:30

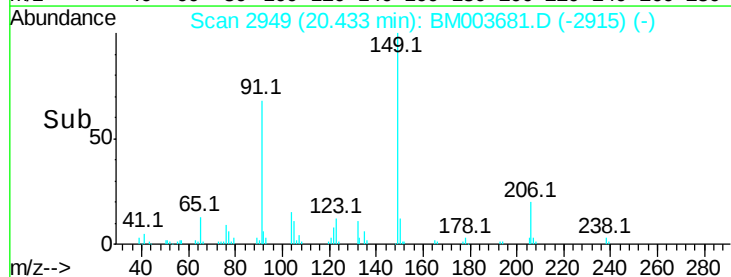
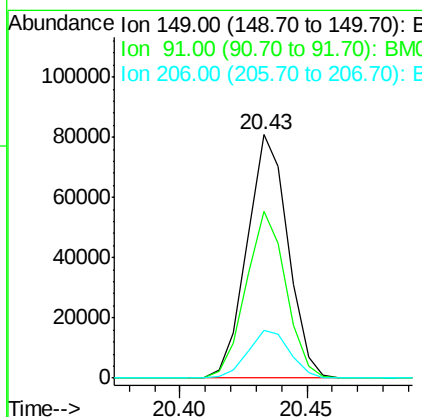
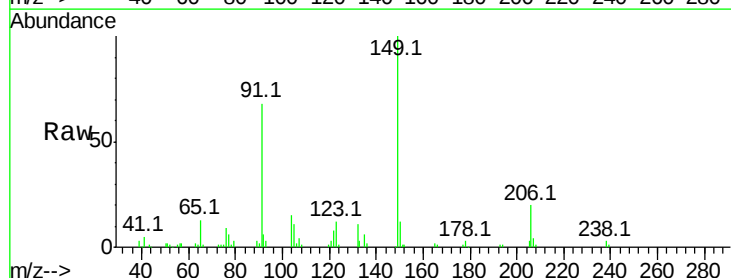
Instrument :
 BNA_M
 ClientSampleId :
 A4KW6

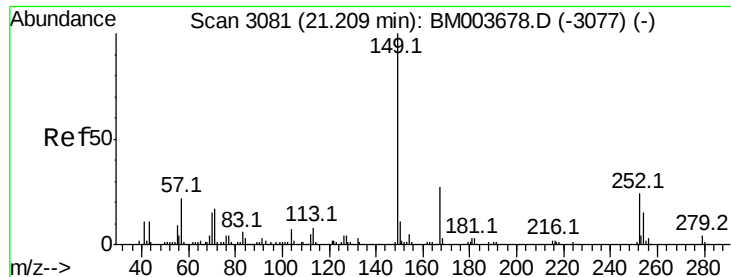
Tot Ion:202 Resp: 167434
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.8 13.2
 100 8.2 6.6 9.8



#81
Butylbenzylphthalate
 Concen: 21.62 ng/ul
 RT: 20.43 min Scan# 2949
 Delta R.T. 0.00 min
 Lab File: BM003681.D
 Acq: 21 Dec 2015 15:30

Tgt Ion:149 Resp: 90212
 Ion Ratio Lower Upper
 149 100
 91 68.3 53.4 80.2
 206 19.7 16.6 24.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 20.94 ng/ul

RT: 21.22 min Scan# 3082

Delta R.T. 0.01 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

Instrument :

BNA_M

ClientSampleId :

A4KW6

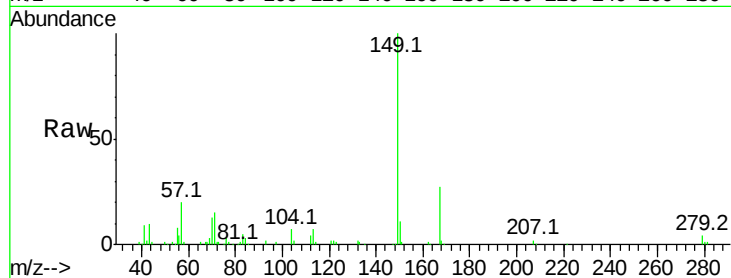
Tot Ion:149 Resp: 130051

Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

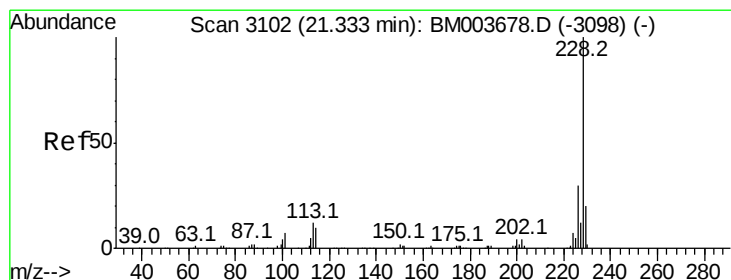
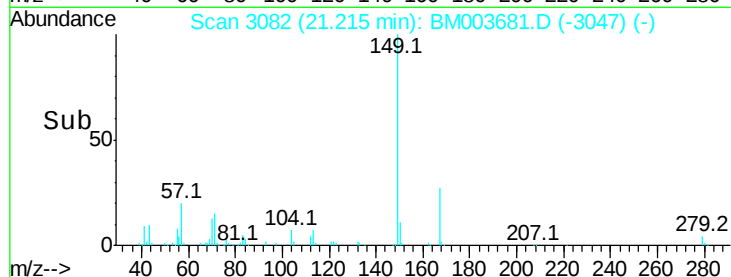
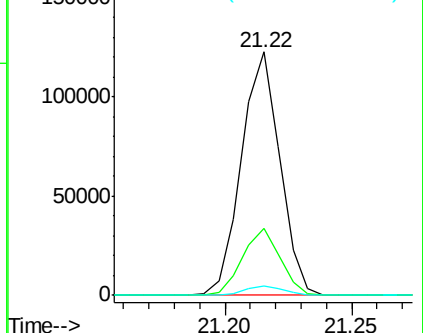
279 3.8 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 31.22 ng/ul

RT: 21.34 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BM003681.D

Acq: 21 Dec 2015 15:30

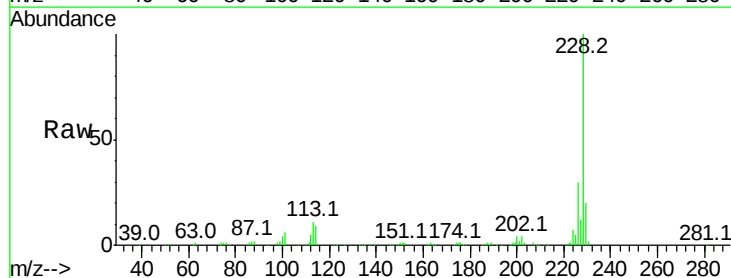
Tgt Ion:228 Resp: 278216

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

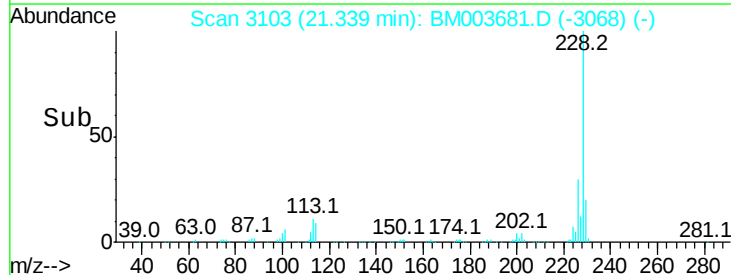
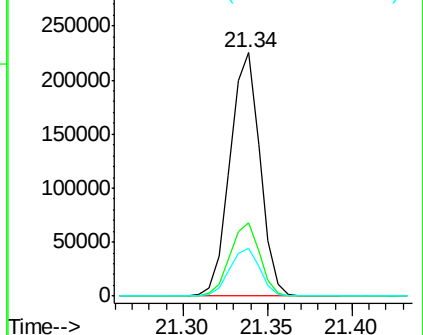
229 19.7 15.6 23.4

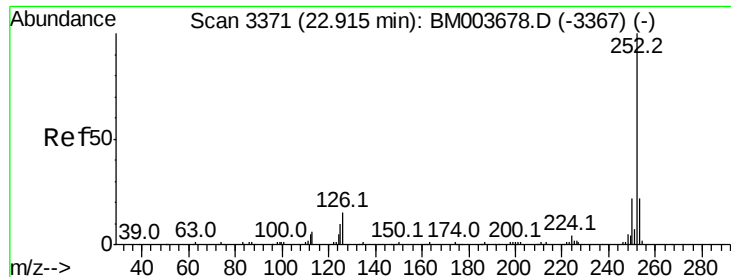


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

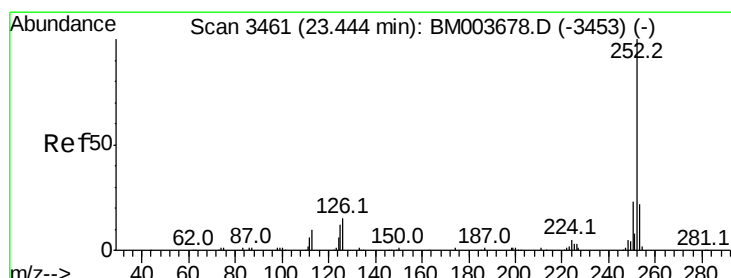
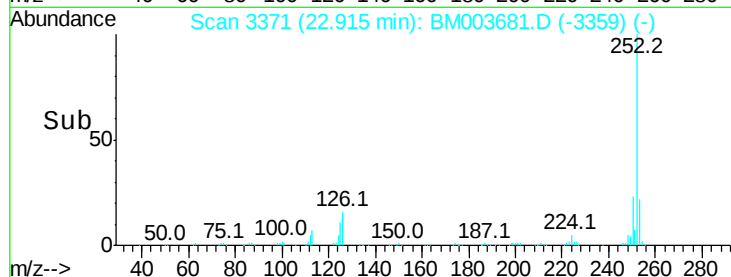
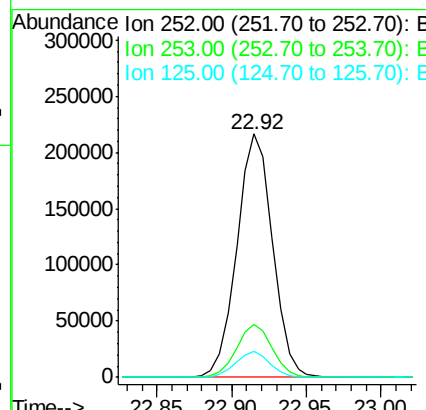
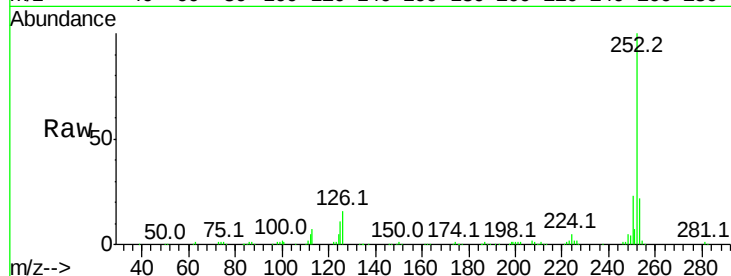




#89
Benzo(k)fluoranthene
Concen: 40.85 ng/ul
RT: 22.92 min Scan# 3371
Delta R.T. 0.00 min
Lab File: BM003681.D
Acq: 21 Dec 2015 15:30

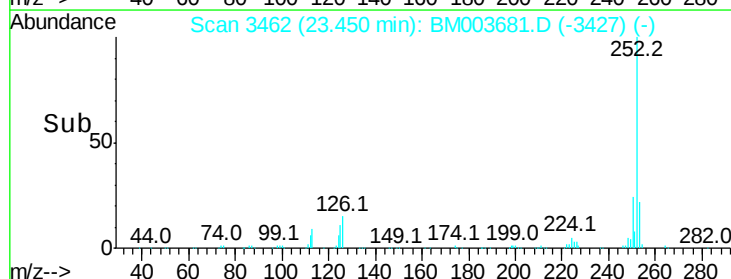
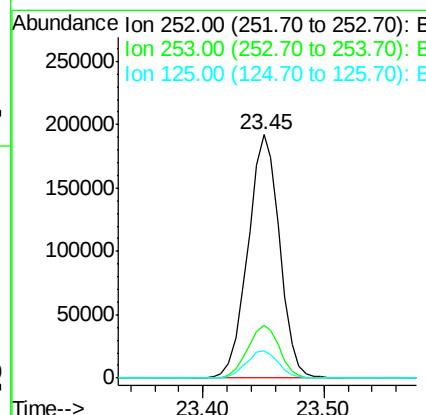
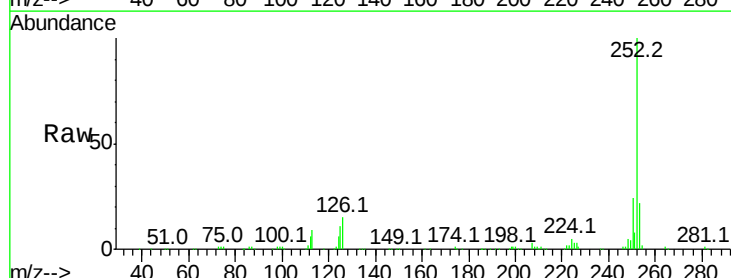
Instrument :
BNA_M
ClientSampleId :
A4KW6

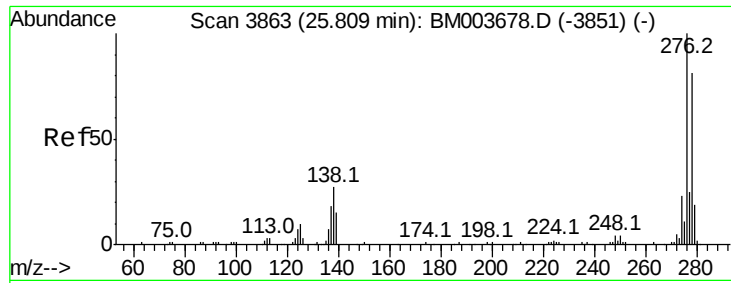
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	10.7	8.2	12.2



#91
Benzo(a)pyrene
Concen: 39.64 ng/ul
RT: 23.45 min Scan# 3462
Delta R.T. 0.01 min
Lab File: BM003681.D
Acq: 21 Dec 2015 15:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.5	9.0	13.6





#92

Indeno(1,2,3-cd)pyrene

Concen: 16.86 ng/ul

RT: 25.81 min Scan# 3863

Delta R.T. 0.00 min

Lab File: BM003681.D

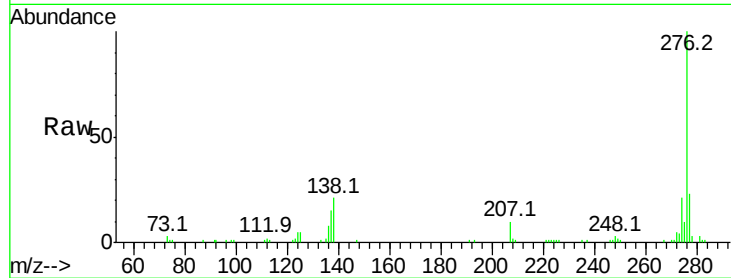
Acq: 21 Dec 2015 15:30

Instrument :

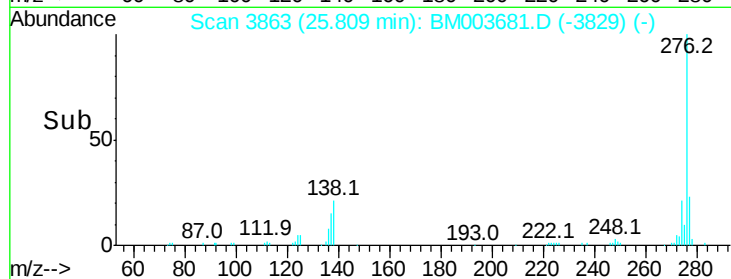
BNA_M

ClientSampleId :

A4KW6



Tot Ion:	276	Resp:	160964
Ion	Ratio	Lower	Upper
276	100		
138	20.6	22.3	33.5#
277	23.4	20.2	30.2



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

