

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020915\
 Data File : BM000464.D
 Acq On : 10 Feb 2015 17:59
 Operator : TP/IZ
 Sample : G1249-11DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FL9DL

Quant Time: Feb 11 03:50:30 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM020615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 11 03:41:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	109023	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	430509	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	281712	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	605063	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	629266	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	571808	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.89	99	127784	17.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	81221	18.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	110604	17.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	107919	17.99	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	53218	19.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	54889	18.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	115574	17.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	26580	4.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	354842	18.28	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	437473	16.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	52793	16.62	ng/ul	0.00
57) Fluorene-d10	15.37	176	327127	16.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	61645	19.25	ng/ul	0.00
70) Anthracene-d10	17.22	188	497072	18.06	ng/ul	0.00
76) Pyrene-d10	19.52	212	538542	18.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	482688	18.90	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.92	94	80103	10.70	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.15	93	186721	30.95	ng/ul	97
11) 2-Methylphenol	8.16	108	188048	32.23	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.53	70	153090	33.28	ng/ul#	95
16) 4-Methylphenol	8.49	108	201093	31.82	ng/ul	93
17) Hexachloroethane	8.80	117	55490	19.36	ng/ul	96
21) Isophorone	9.44	82	262493	21.33	ng/ul	99
24) 2,4-Dimethylphenol	9.69	107	188988	24.19	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.93	93	195810	26.01	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	55650	8.68	ng/ul	91
28) Naphthalene	10.56	128	272439	12.56	ng/ul	99
31) Hexachlorobutadiene	10.85	225	153851	31.11	ng/ul	96
32) Caprolactam	11.42	113	35850	25.53	ng/ul	84
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	178137	19.19	ng/ul	99
37) Hexachlorocyclopentadiene	12.53	237	97826	17.91	ng/ul	98
38) 2,4,6-Trichlorophenol	12.87	196	108736	21.94	ng/ul	96
39) 2,4,5-Trichlorophenol	12.87	196	108736	19.16	ng/ul	94
41) 2-Chloronaphthalene	13.24	162	173312	9.90	ng/ul	99
44) Dimethylphthalate	13.83	163	212887	9.98	ng/ul	98
47) Acenaphthylene	14.09	152	310220	11.21	ng/ul	99
48) 3-Nitroaniline	14.28	138	6923	1.95	ng/ul	97
49) Acenaphthene	14.44	153	307456	16.80	ng/ul	97
50) 2,4-Dinitrophenol	14.49	184	40468	21.09	ng/ul	98

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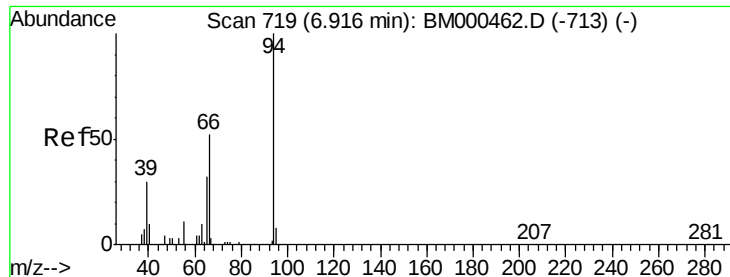
Instrument :
 BNA_M
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Quant Time: Feb 11 03:50:30 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM020615.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

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

53) Dibenzofuran	14.77	168	259180	9.71	ng/ul	95
58) Fluorene	15.42	166	84223	3.91	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.42	204	175467	15.66	ng/ul	96
60) 4-Nitroaniline	15.44	138	124162	31.30	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.50	198	132475	39.31	ng/ul#	96
68) Pentachlorophenol	16.77	266	150712	43.63	ng/ul	98
71) Anthracene	17.25	178	573490	17.34	ng/ul	98
72) Carbazole	17.52	167	591897	21.12	ng/ul	99
74) Fluoranthene	19.18	202	367898	10.19	ng/ul#	97
78) Butylbenzylphthalate	20.45	149	161544	12.53	ng/ul	96
80) Benzo(a)anthracene	21.35	228	585026	16.30	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.23	149	230246	12.60	ng/ul	100
82) Chrysene	21.35	228	585026	17.09	ng/ul	99
85) Benzo(b)fluoranthene	22.93	252	641770	18.91	ng/ul	97
86) Benzo(k)fluoranthene	22.93	252	702075	21.44	ng/ul	100
88) Benzo(a)pyrene	23.46	252	677829	21.05	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.81	276	284917	7.98	ng/ul	95

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



#6

Phenol

Concen: 10.70 ng/ul

RT: 6.92 min Scan# 719

Delta R.T. -0.00 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

Instrument :

BNA_M

ClientSampleId :

A4FL9DL

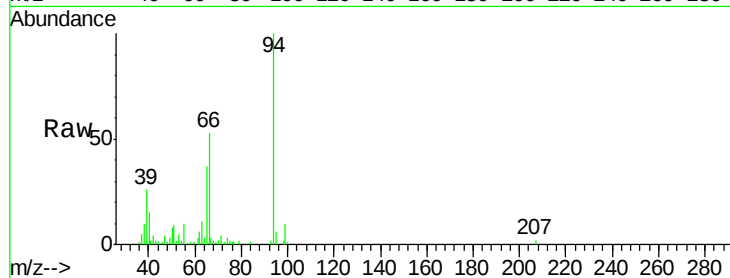
Tgt Ion: 94 Resp: 80103

Ion Ratio Lower Upper

94 100

65 37.0 27.0 40.4

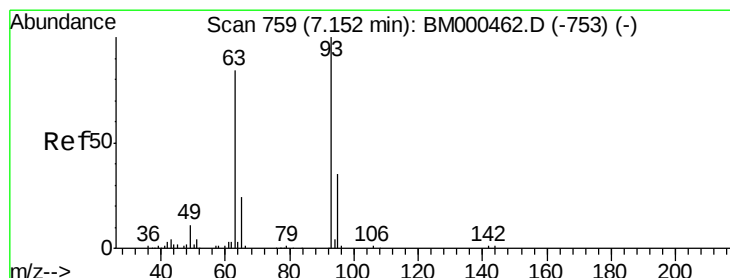
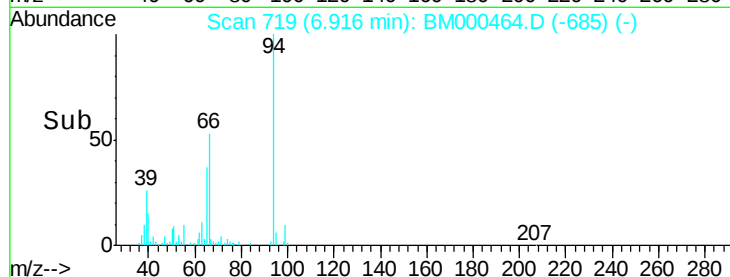
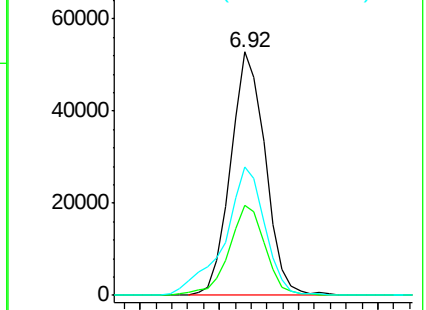
66 52.6 44.6 66.8



Abundance Ion 94.00 (93.70 to 94.70): BM000464.D (-685) (-)

Ion 65.00 (64.70 to 65.70): BM000464.D (-685) (-)

Ion 66.00 (65.70 to 66.70): BM000464.D (-685) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 30.95 ng/ul

RT: 7.15 min Scan# 759

Delta R.T. -0.00 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

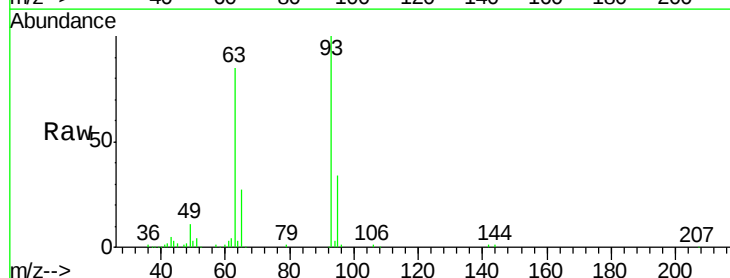
Tgt Ion: 93 Resp: 186721

Ion Ratio Lower Upper

93 100

63 84.8 68.9 103.3

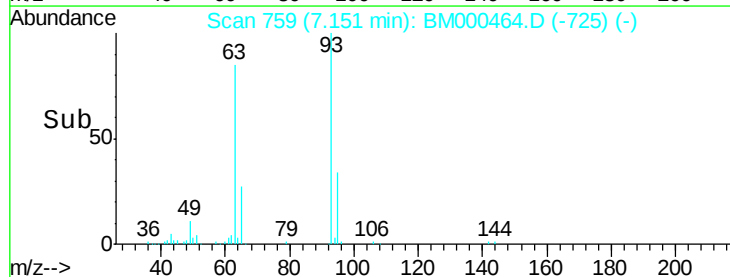
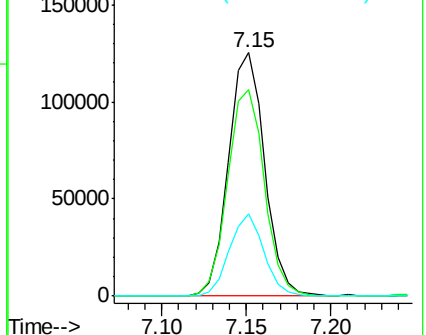
95 33.8 24.1 36.1

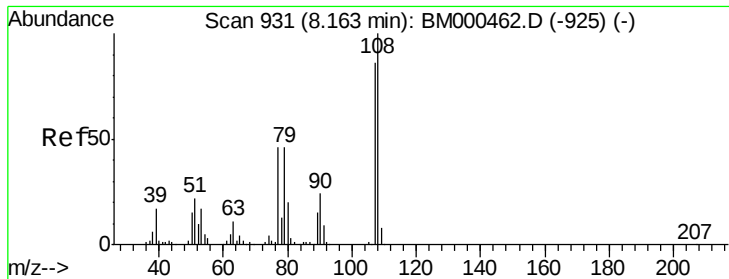


Abundance Ion 93.00 (92.70 to 93.70): BM000464.D (-725) (-)

Ion 63.00 (62.70 to 63.70): BM000464.D (-725) (-)

Ion 95.00 (94.70 to 95.70): BM000464.D (-725) (-)

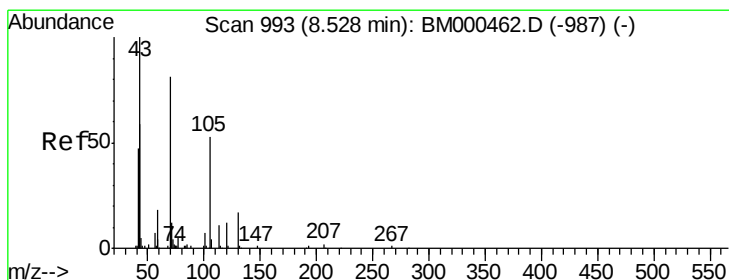
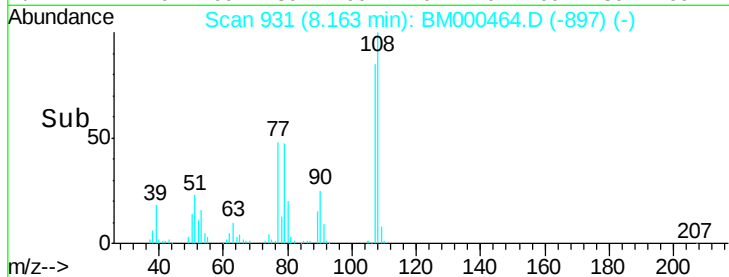
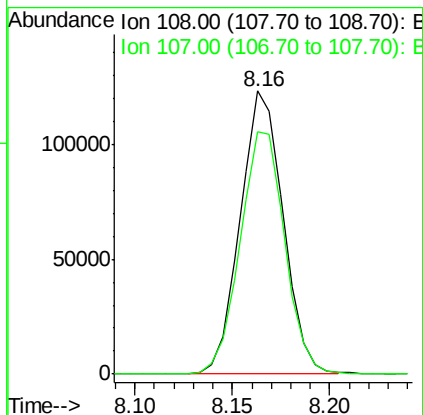
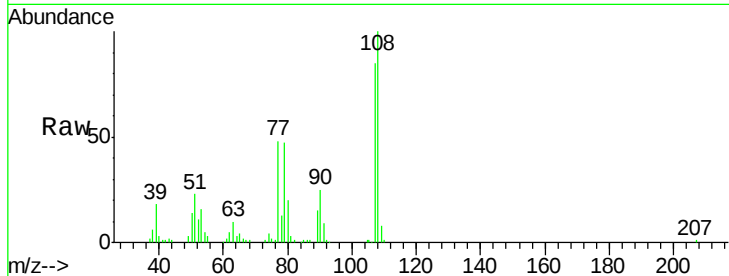




#11
 2-Methylphenol
 Concen: 32.23 ng/ul
 RT: 8.16 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BM000464.D
 Acq: 10 Feb 2015 17:59

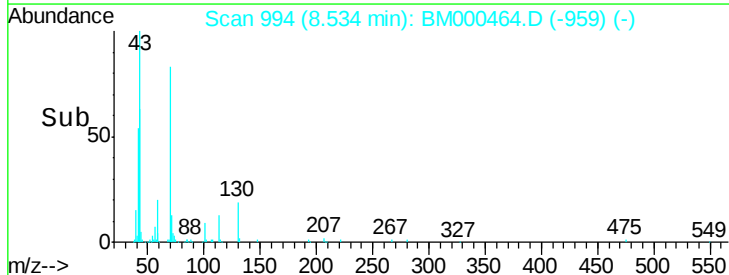
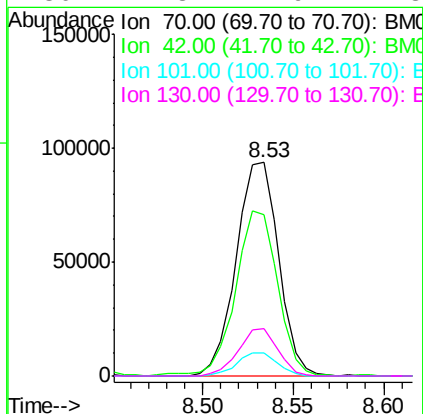
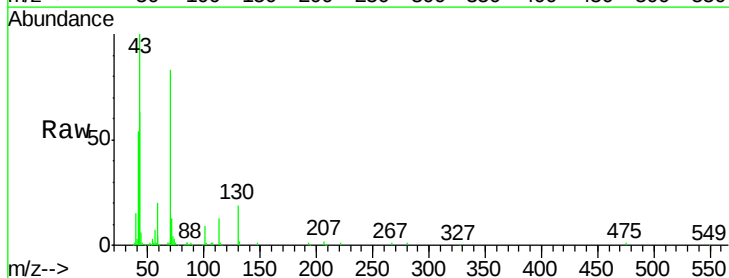
Instrument :
 BNA_M
 ClientSampleId :
 A4FL9DL

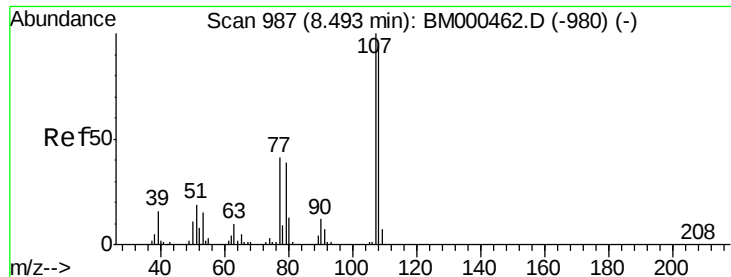
Tgt Ion: 108 Resp: 188048
 Ion Ratio Lower Upper
 108 100
 107 85.4 68.5 102.7



#15
 N-Nitroso-di-n-propylamine
 Concen: 33.28 ng/ul
 RT: 8.53 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: BM000464.D
 Acq: 10 Feb 2015 17:59

Tgt Ion: 70 Resp: 153090
 Ion Ratio Lower Upper
 70 100
 42 75.6 63.7 95.5
 101 11.0 8.7 13.1
 130 22.3 14.9 22.3#





#16

4-Methylphenol

Concen: 31.82 ng/ul

RT: 8.49 min Scan# 986

Delta R.T. -0.01 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

Instrument :

BNA_M

ClientSampleId :

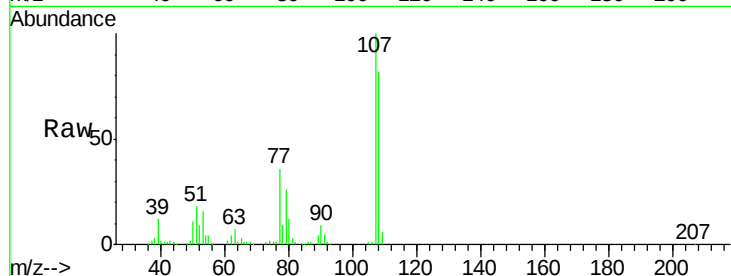
A4FL9DL

Tgt Ion:108 Resp: 201093

Ion Ratio Lower Upper

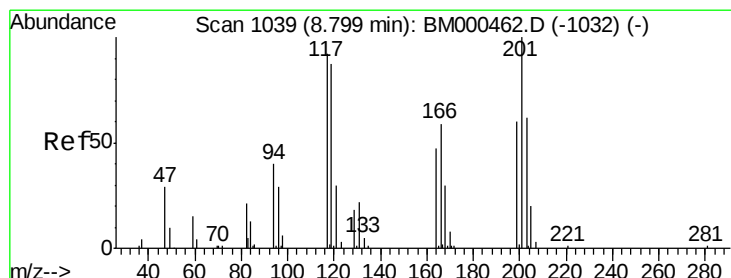
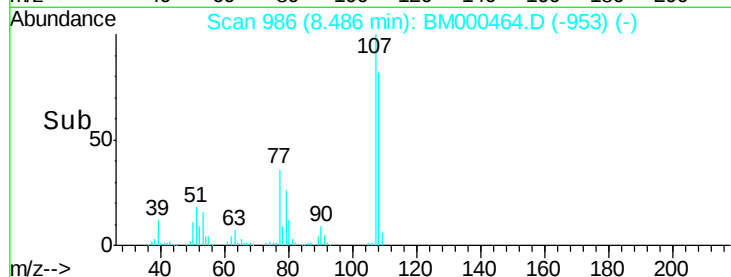
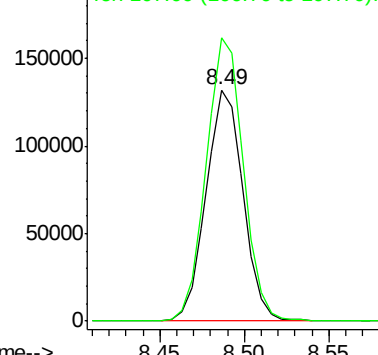
108 100

107 122.4 91.6 137.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 19.36 ng/ul

RT: 8.80 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

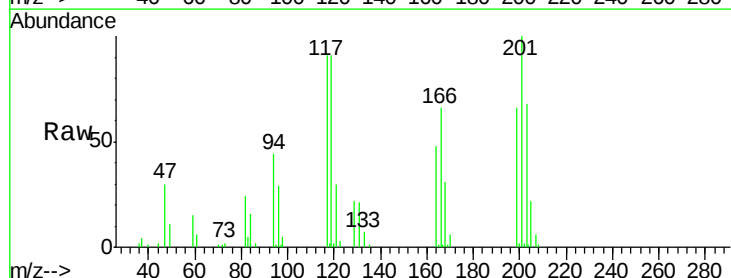
Tgt Ion:117 Resp: 55490

Ion Ratio Lower Upper

117 100

201 109.4 88.0 132.0

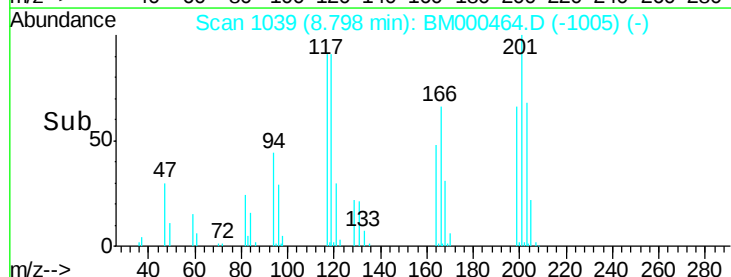
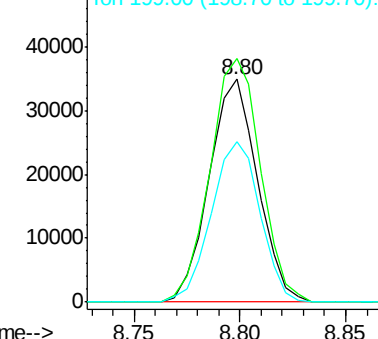
199 72.1 51.5 77.3

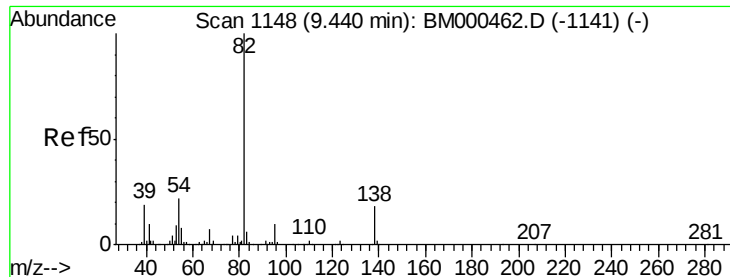


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#21

Isophorone

Concen: 21.33 ng/ul

RT: 9.44 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

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ClientSampleId :

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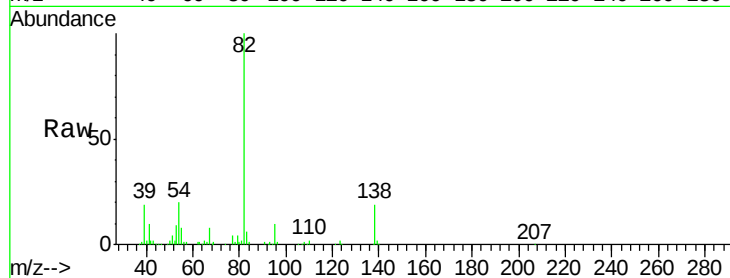
Tgt Ion: 82 Resp: 262493

Ion Ratio Lower Upper

82 100

95 9.5 7.7 11.5

138 18.7 14.2 21.4

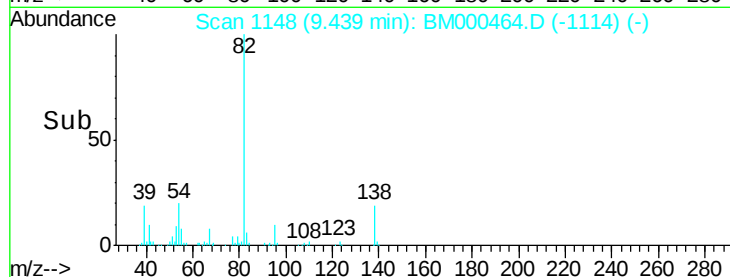


Abundance Ion 82.00 (81.70 to 82.70): BM000464.D (-1141) (-)

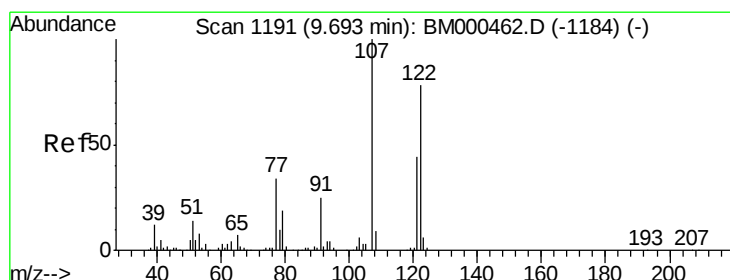
Ion 95.00 (94.70 to 95.70): BM000464.D (-1141) (-)

Ion 138.00 (137.70 to 138.70): BM000464.D (-1141) (-)

Time-->



Time-->



#24

2,4-Dimethylphenol

Concen: 24.19 ng/ul

RT: 9.69 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

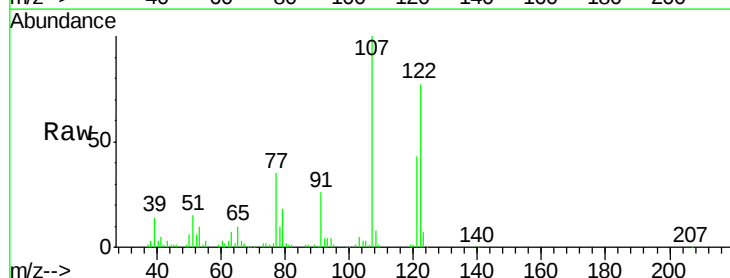
Tgt Ion: 107 Resp: 188988

Ion Ratio Lower Upper

107 100

121 43.0 33.6 50.4

122 77.1 62.4 93.6

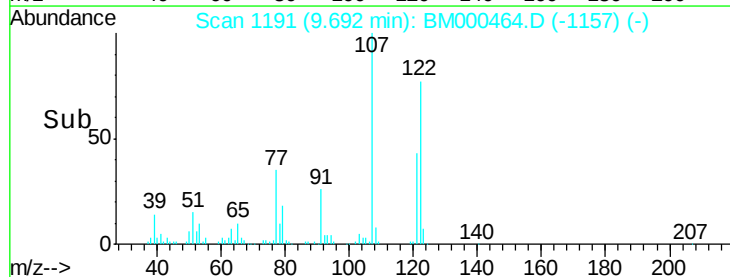


Abundance Ion 107.00 (106.70 to 107.70): BM000464.D (-1157) (-)

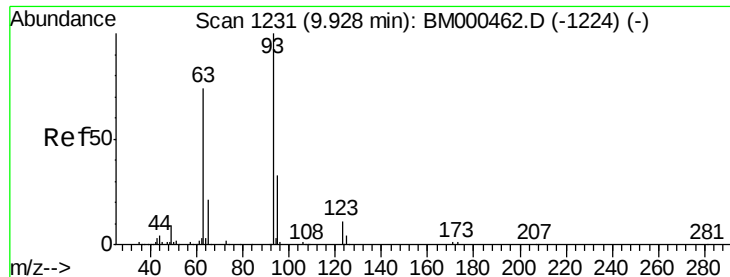
Ion 121.00 (120.70 to 121.70): BM000464.D (-1157) (-)

Ion 122.00 (121.70 to 122.70): BM000464.D (-1157) (-)

Time-->



Time-->



#25

Bis(2-Chloroethoxy)methane

Concen: 26.01 ng/ul

RT: 9.93 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

Instrument :

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ClientSampleId :

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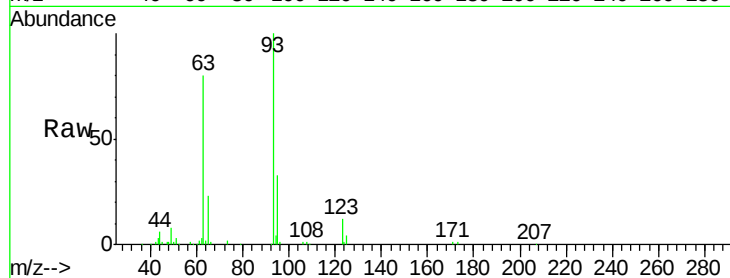
Tgt Ion: 93 Resp: 195810

Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

123 12.2 8.6 13.0

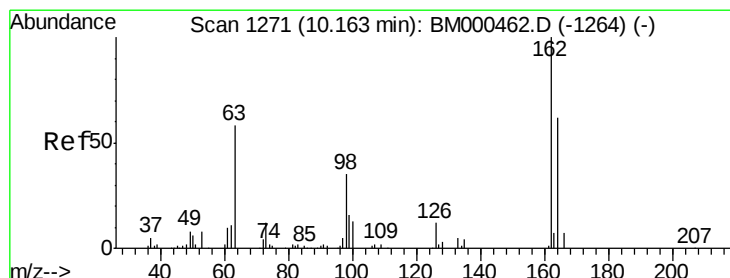
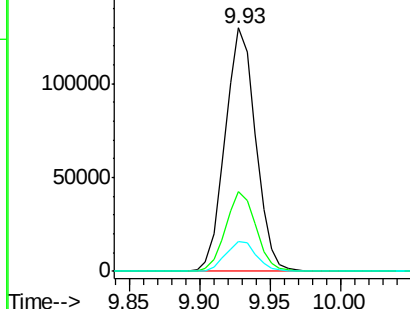
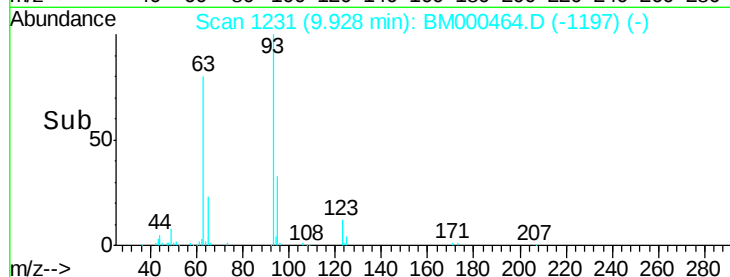


Abundance Ion 93.00 (92.70 to 93.70): BM000462.D (-1224) (-)

Ion 95.00 (94.70 to 95.70): BM000462.D (-1224) (-)

Ion 123.00 (122.70 to 123.70): BM000462.D (-1224) (-)

Time-->



#27

2,4-Dichlorophenol

Concen: 8.68 ng/ul

RT: 10.16 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

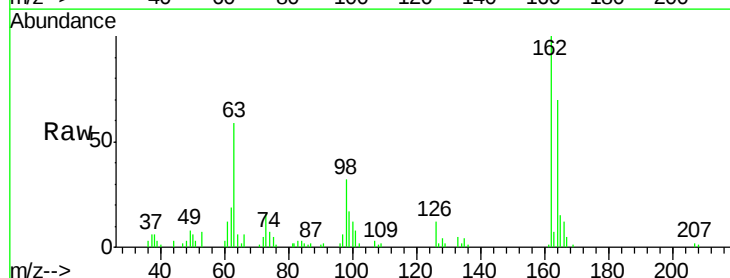
Tgt Ion: 162 Resp: 55650

Ion Ratio Lower Upper

162 100

164 70.4 50.8 76.2

98 31.9 29.4 44.2

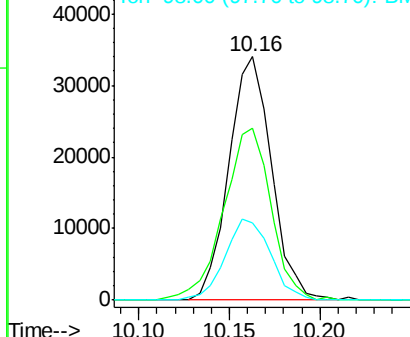
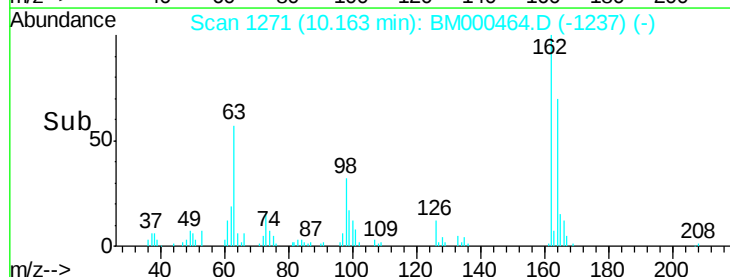


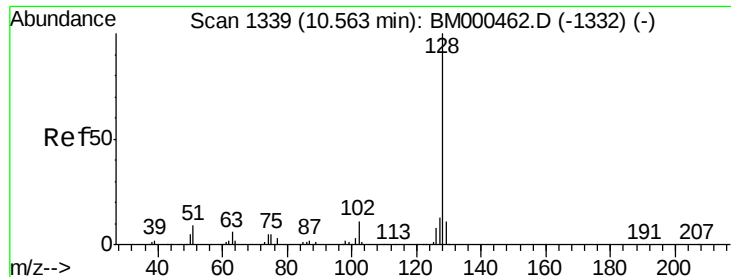
Abundance Ion 162.00 (161.70 to 162.70): BM000462.D (-1264) (-)

Ion 164.00 (163.70 to 164.70): BM000462.D (-1264) (-)

Ion 98.00 (97.70 to 98.70): BM000462.D (-1264) (-)

Time-->





#28

Naphthalene

Concen: 12.56 ng/ul

RT: 10.56 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

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ClientSampleId :

A4FL9DL

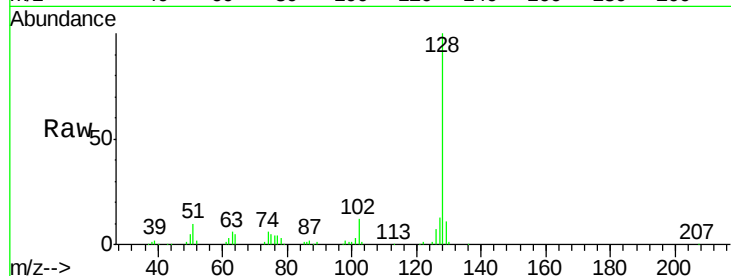
Tgt Ion:128 Resp: 272439

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

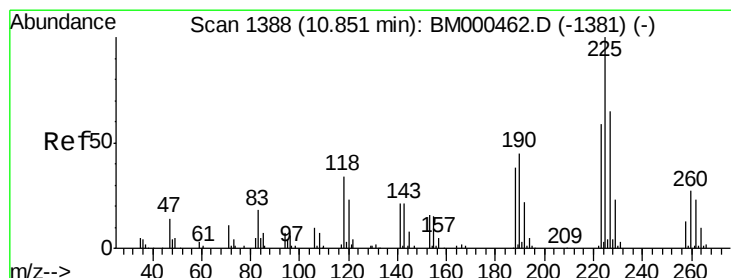
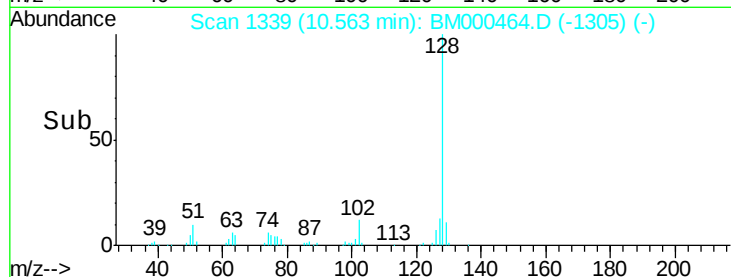
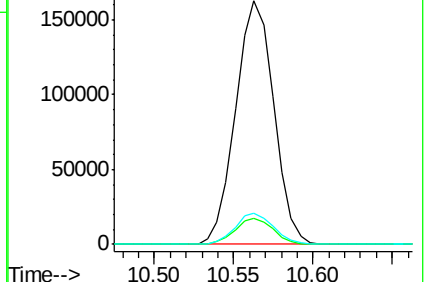
127 12.6 10.4 15.6



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: 31.11 ng/ul

RT: 10.85 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

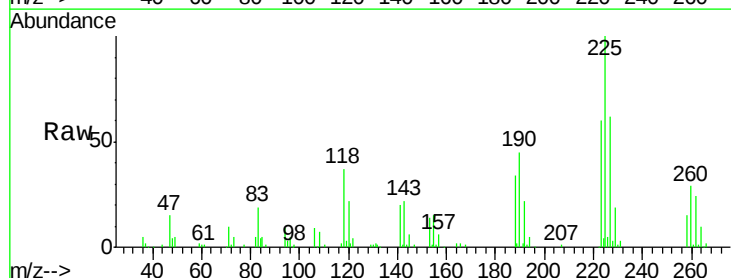
Tgt Ion:225 Resp: 153851

Ion Ratio Lower Upper

225 100

223 60.2 50.9 76.3

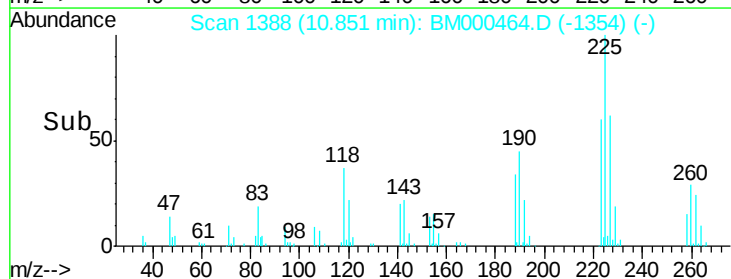
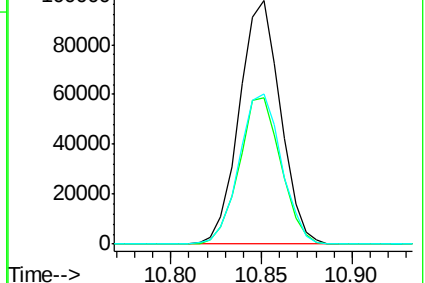
227 61.5 51.8 77.8

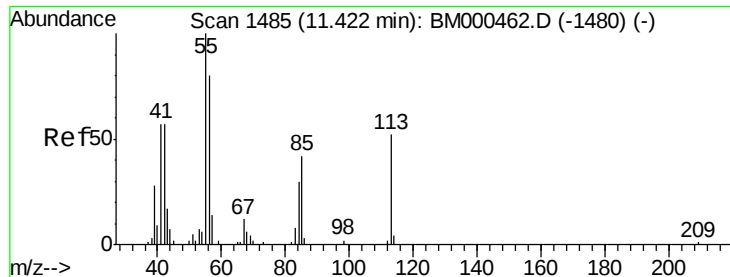


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 25.53 ng/ul

RT: 11.42 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

Instrument :

BNA_M

ClientSampleId :

A4FL9DL

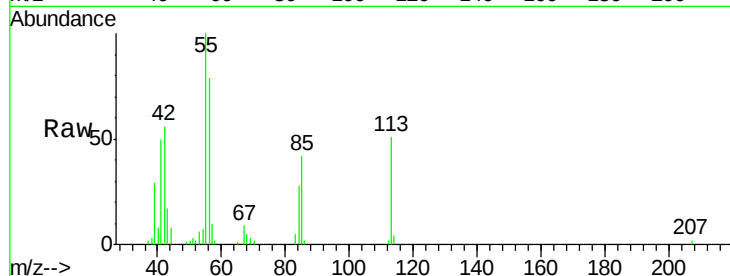
Tgt Ion:113 Resp: 35850

Ion Ratio Lower Upper

113 100

55 197.5 167.9 251.9

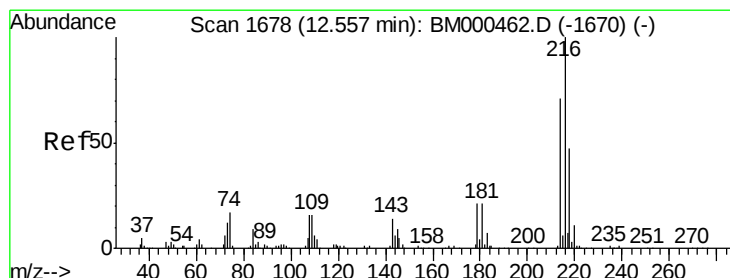
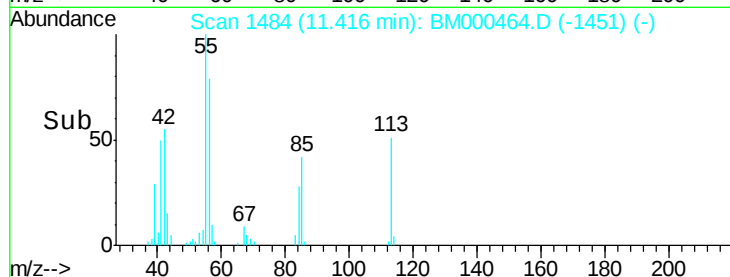
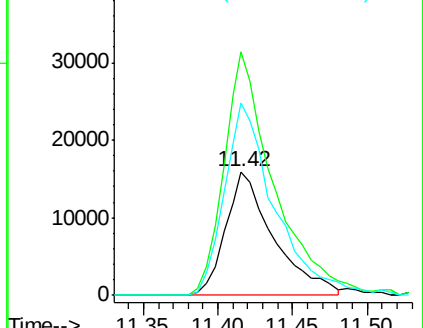
56 155.7 152.7 229.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.19 ng/ul

RT: 12.56 min Scan# 1678

Delta R.T. -0.00 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

Tgt Ion:216 Resp: 178137

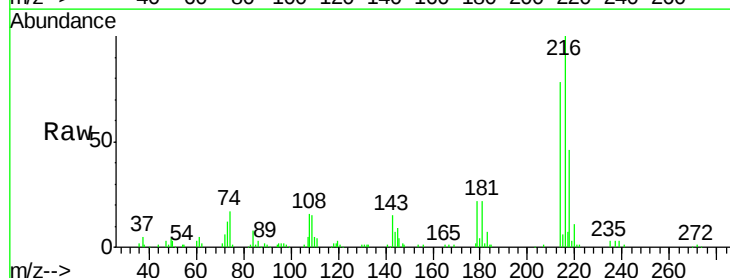
Ion Ratio Lower Upper

216 100

214 78.0 62.4 93.6

179 22.4 19.4 29.2

108 16.4 14.6 21.8

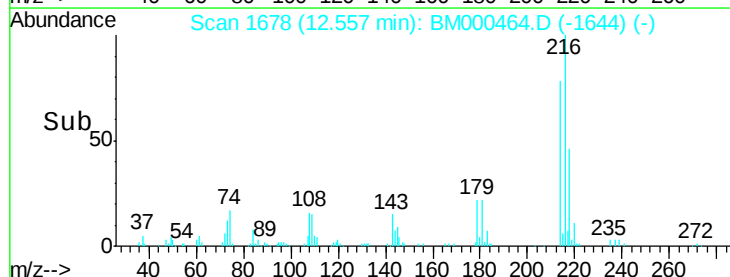
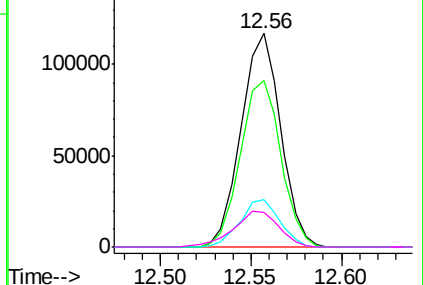


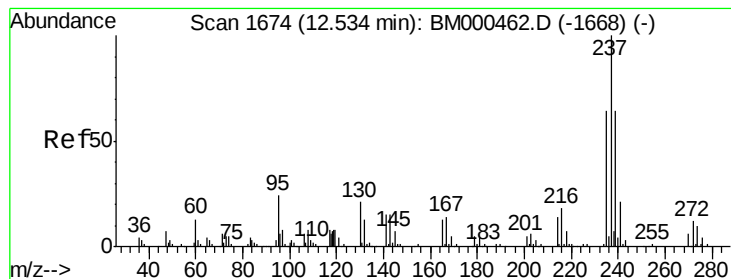
Abundance Ion 216.00 (215.70 to 216.70): E

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





#37

Hexachlorocyclopentadiene

Concen: 17.91 ng/ul

RT: 12.53 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

Instrument :

BNA_M

ClientSampled :

A4FL9DL

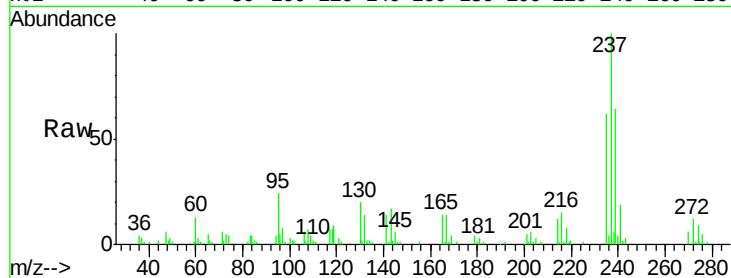
Tgt Ion:237 Resp: 97826

Ion Ratio Lower Upper

237 100

235 61.7 50.3 75.5

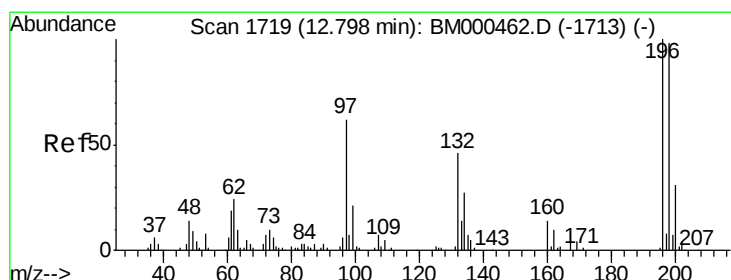
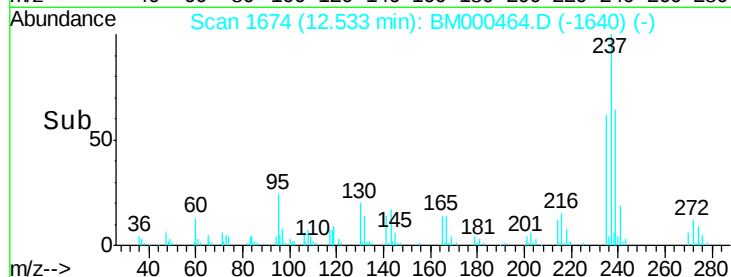
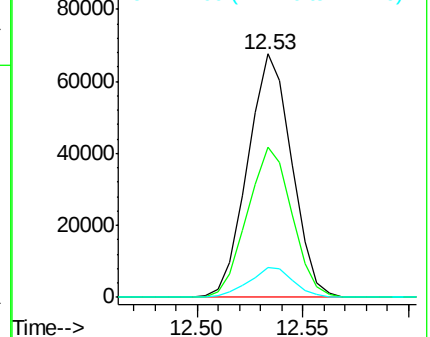
272 12.1 10.4 15.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 21.94 ng/ul

RT: 12.87 min Scan# 1731

Delta R.T. 0.07 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

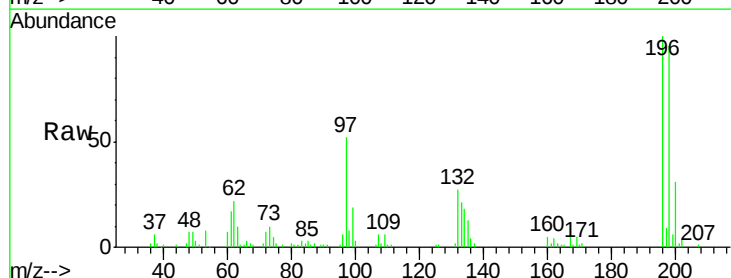
Tgt Ion:196 Resp: 108736

Ion Ratio Lower Upper

196 100

198 94.8 80.1 120.1

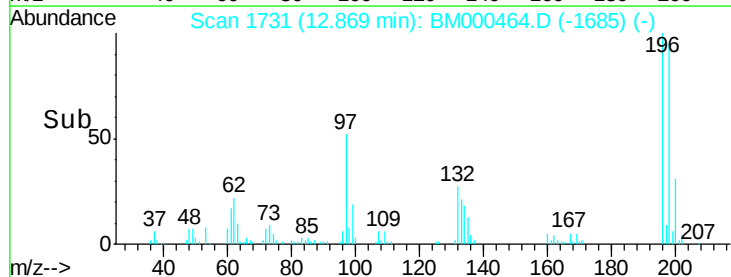
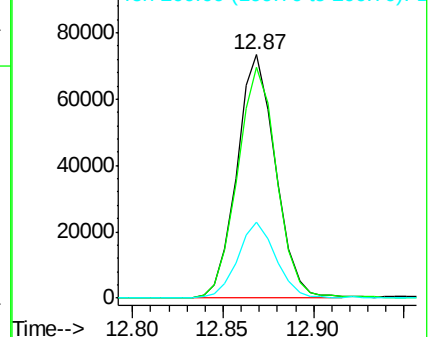
200 31.0 24.6 36.8

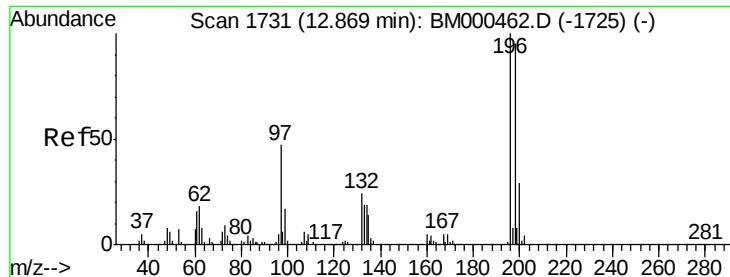


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

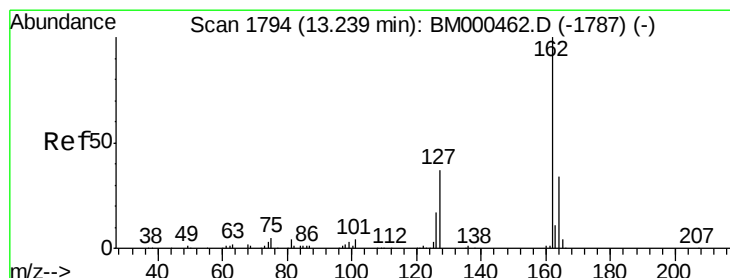
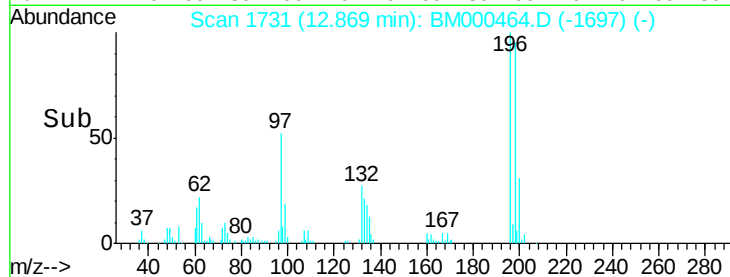
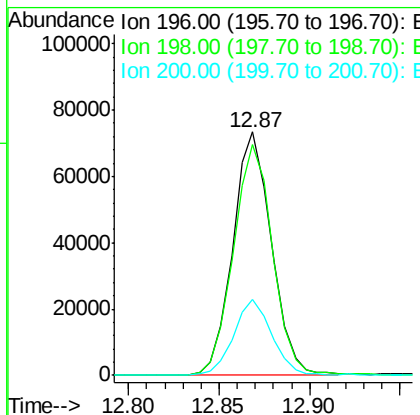
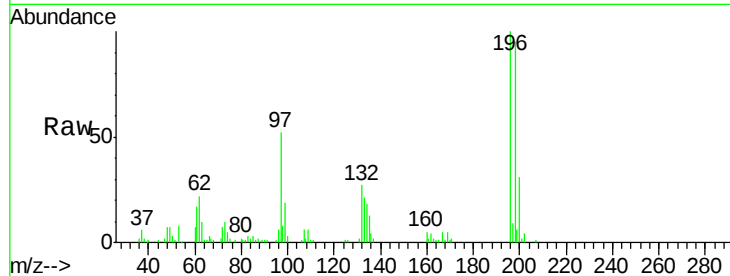




#39
 2,4,5-Trichlorophenol
 Concen: 19.16 ng/ul
 RT: 12.87 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BM000464.D
 Acq: 10 Feb 2015 17:59

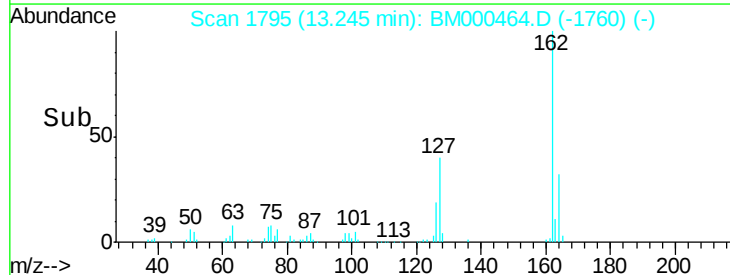
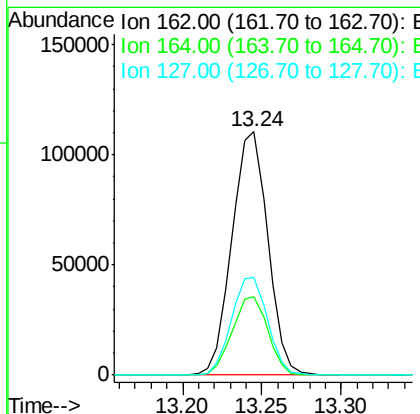
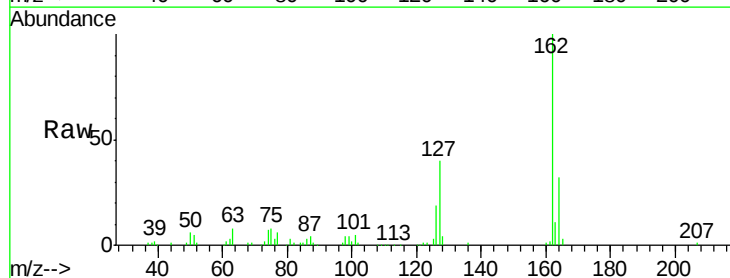
Instrument :
 BNA_M
 ClientSampleID :
 A4FL9DL

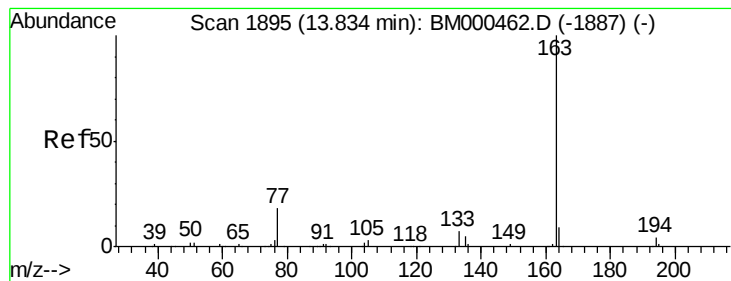
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	81.2	121.8
200	31.0	23.7	35.5



#41
 2-Chloronaphthalene
 Concen: 9.90 ng/ul
 RT: 13.24 min Scan# 1795
 Delta R.T. 0.01 min
 Lab File: BM000464.D
 Acq: 10 Feb 2015 17:59

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.3	26.0	39.0
127	40.2	33.0	49.4





#44

Dimethylphthalate

Concen: 9.98 ng/ul

RT: 13.83 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

Instrument :

BNA_M

ClientSampleId :

A4FL9DL

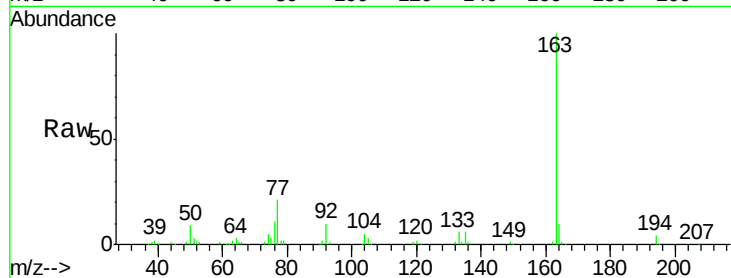
Tgt Ion:163 Resp: 212887

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

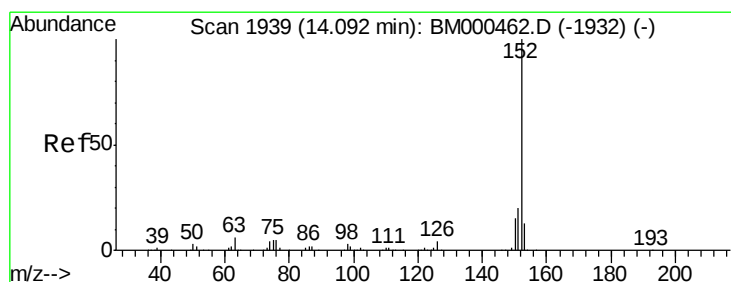
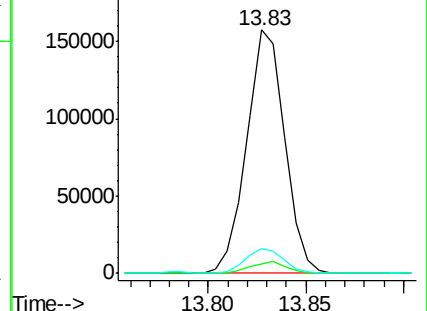
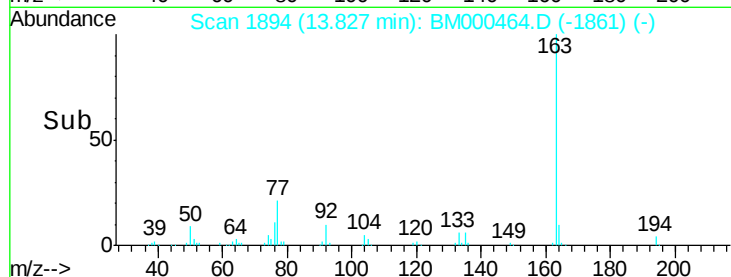
164 10.4 7.7 11.5



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



#47

Acenaphthylene

Concen: 11.21 ng/ul

RT: 14.09 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

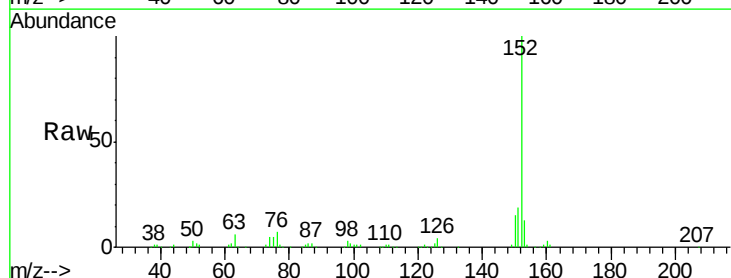
Tgt Ion:152 Resp: 310220

Ion Ratio Lower Upper

152 100

151 19.4 15.5 23.3

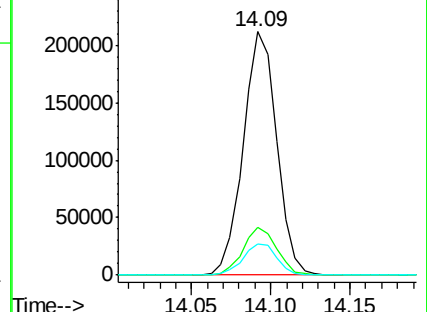
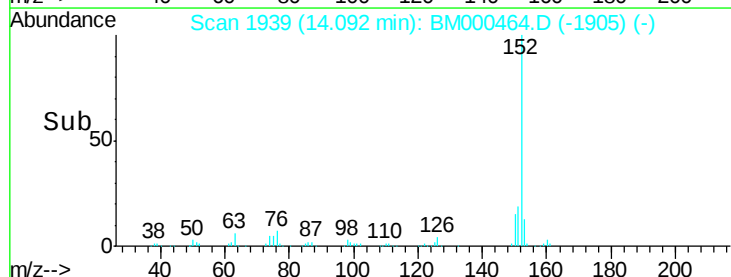
153 12.9 10.8 16.2

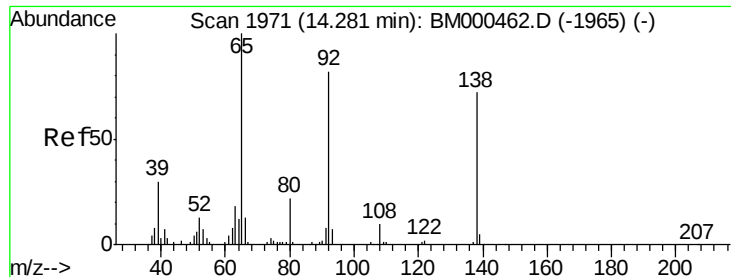


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

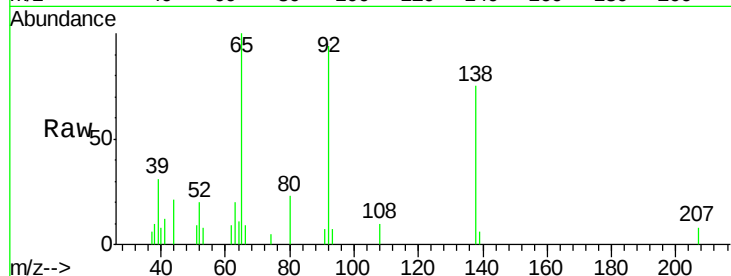




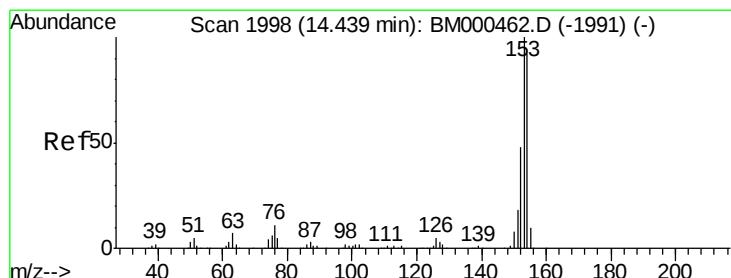
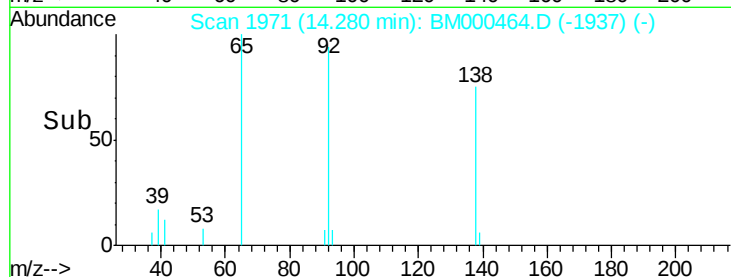
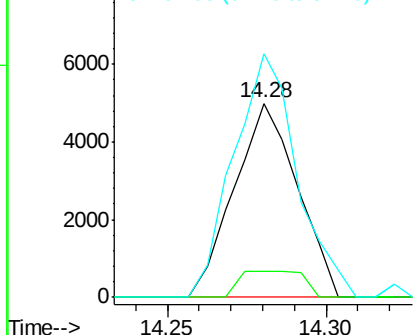
#48
3-Nitroaniline
Concen: 1.95 ng/ul
RT: 14.28 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BM000464.D
Acq: 10 Feb 2015 17:59

Instrument :
BNA_M
ClientSampleId :
A4FL9DL

Tgt Ion:138 Resp: 6923
Ion Ratio Lower Upper
138 100
108 13.7 10.3 15.5
92 125.5 97.7 146.5

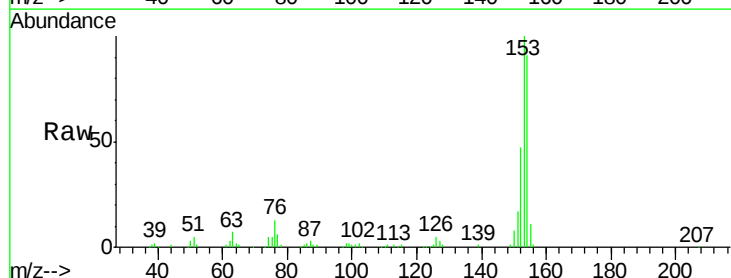


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

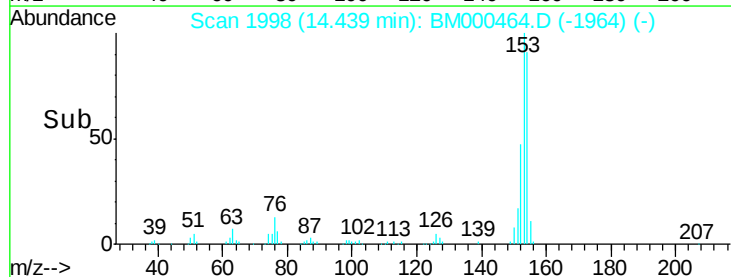
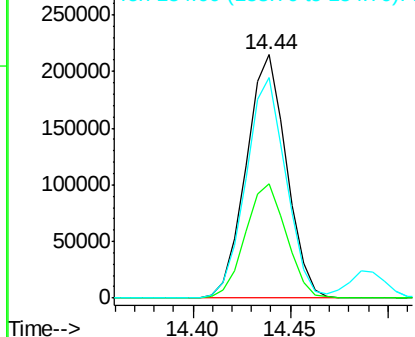


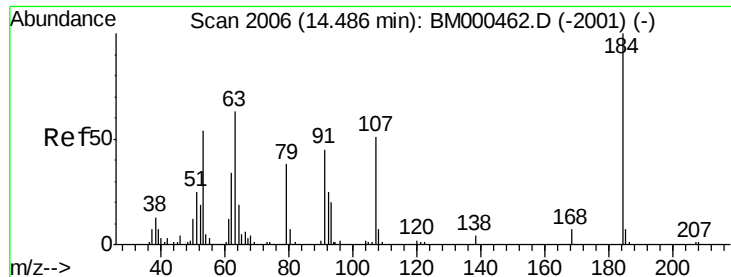
#49
Acenaphthene
Concen: 16.80 ng/ul
RT: 14.44 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BM000464.D
Acq: 10 Feb 2015 17:59

Tgt Ion:153 Resp: 307456
Ion Ratio Lower Upper
153 100
152 46.8 36.4 54.6
154 90.7 69.9 104.9



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

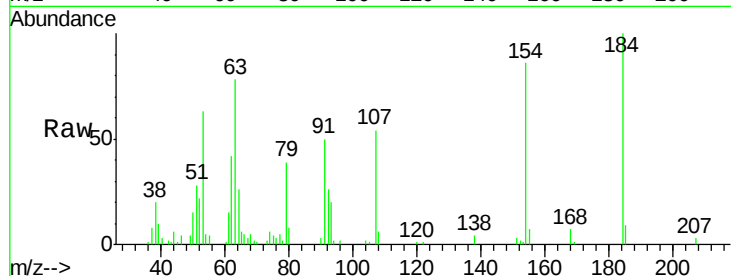




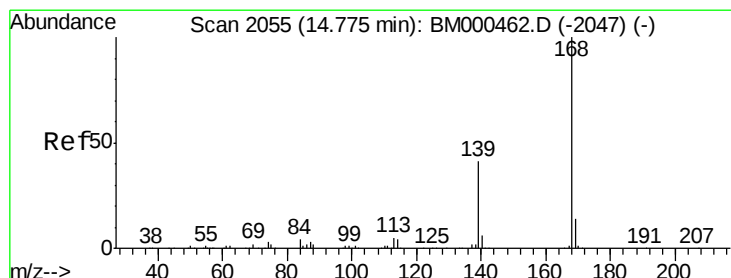
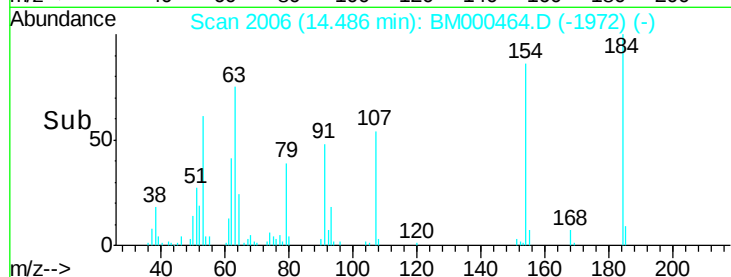
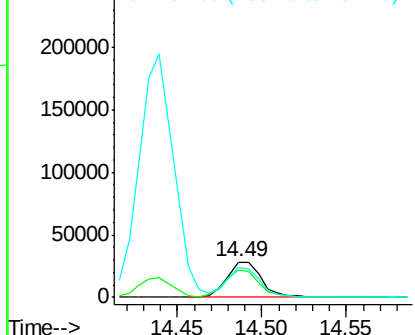
#50
2,4-Dinitrophenol
Concen: 21.09 ng/ul
RT: 14.49 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BM000464.D
Acq: 10 Feb 2015 17:59

Instrument :
BNA_M
ClientSampleId :
A4FL9DL

Tgt Ion:184 Resp: 40468
Ion Ratio Lower Upper
184 100
63 78.4 61.2 91.8
154 86.5 68.3 102.5

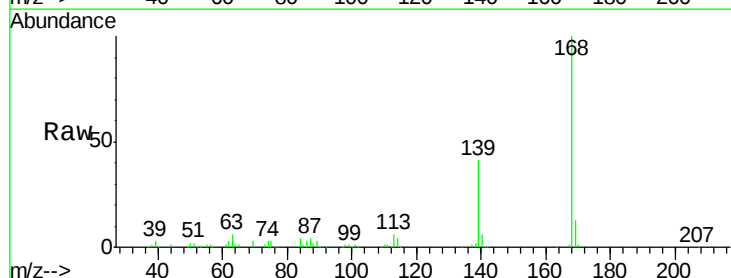


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

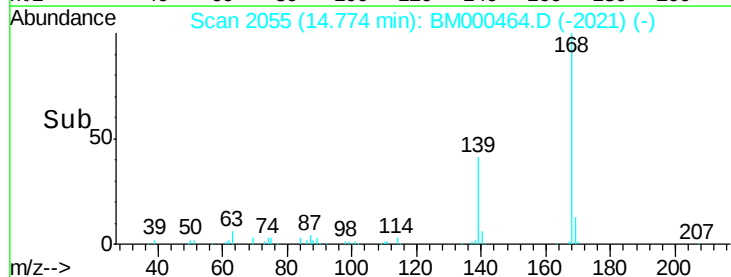
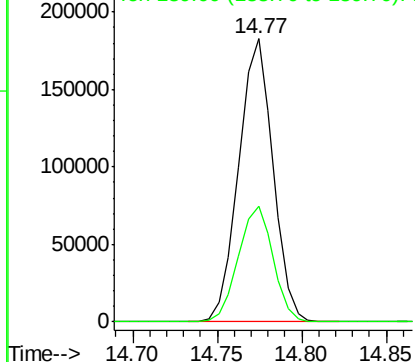


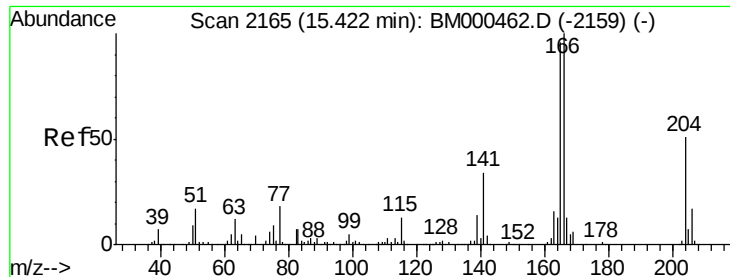
#53
Dibenzofuran
Concen: 9.71 ng/ul
RT: 14.77 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BM000464.D
Acq: 10 Feb 2015 17:59

Tgt Ion:168 Resp: 259180
Ion Ratio Lower Upper
168 100
139 41.0 35.3 52.9



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





#58

Fluorene

Concen: 3.91 ng/ul

RT: 15.42 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

Instrument :

BNA_M

ClientSampleId :

A4FL9DL

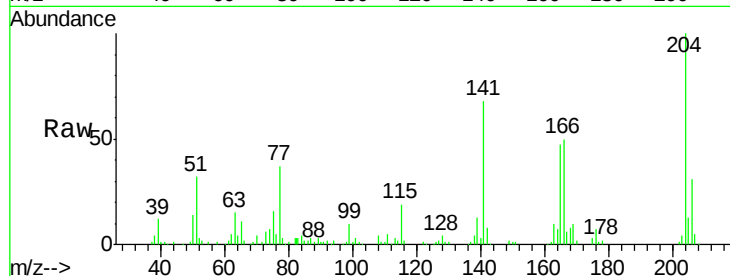
Tgt Ion:166 Resp: 84223

Ion Ratio Lower Upper

166 100

165 93.9 78.8 118.2

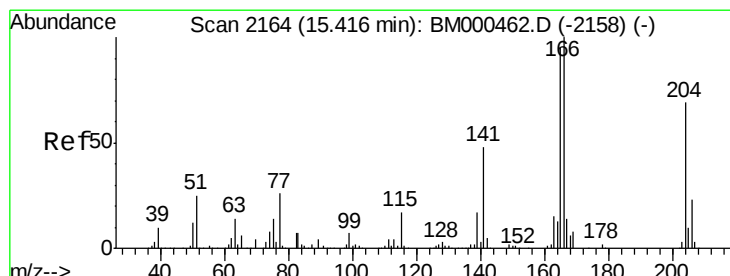
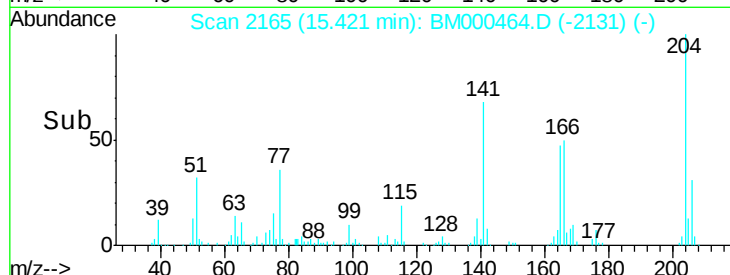
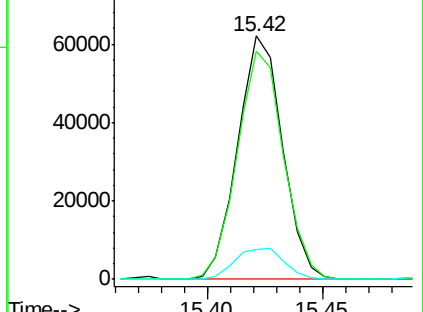
167 12.2 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

4-Chlorophenyl-phenylether

Concen: 15.66 ng/ul

RT: 15.42 min Scan# 2165

Delta R.T. 0.01 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

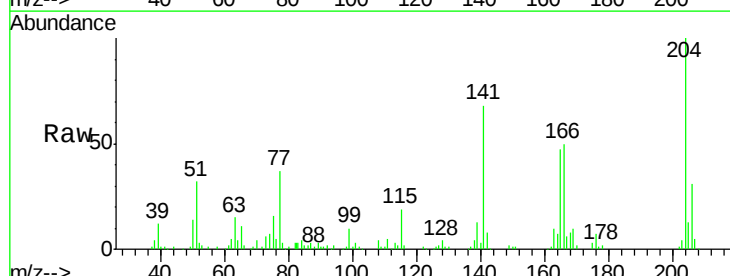
Tgt Ion:204 Resp: 175467

Ion Ratio Lower Upper

204 100

206 31.4 26.1 39.1

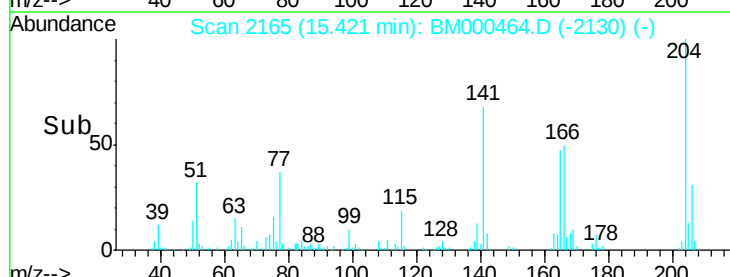
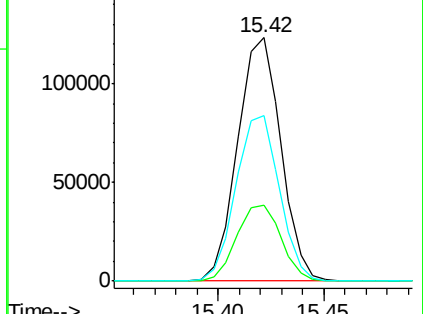
141 67.8 57.4 86.0

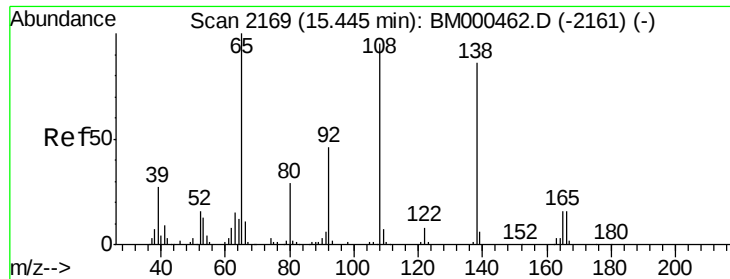


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

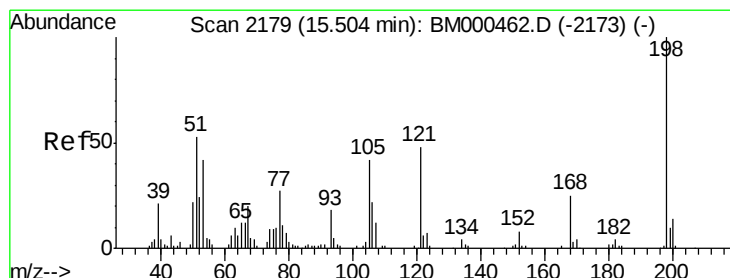
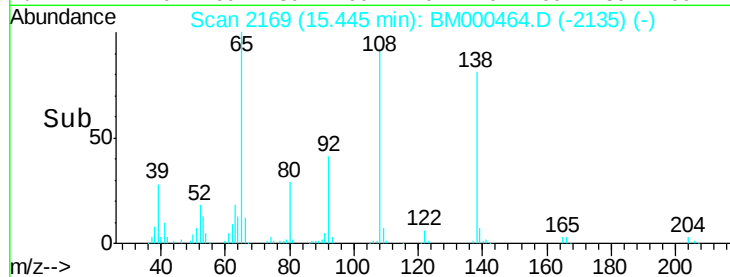
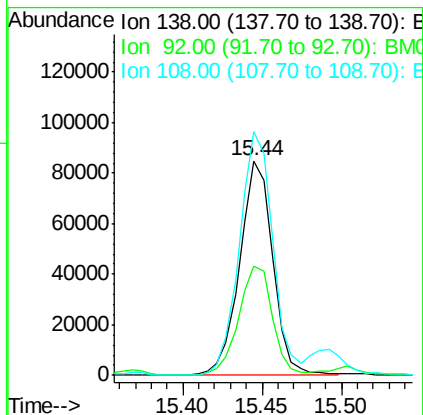
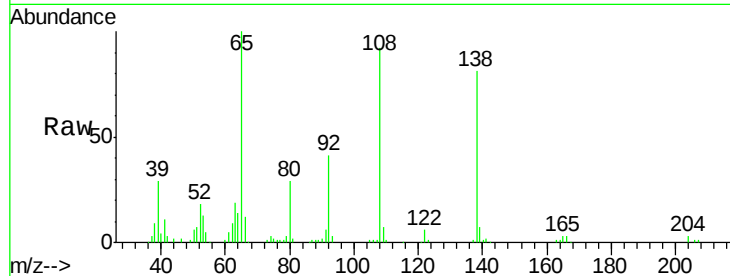




#60
4-Nitroaniline
Concen: 31.30 ng/ul
RT: 15.44 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BM000464.D
Acq: 10 Feb 2015 17:59

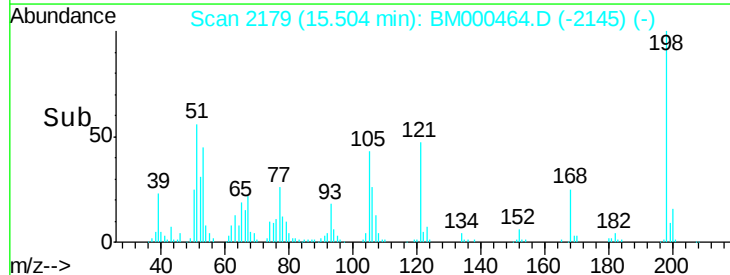
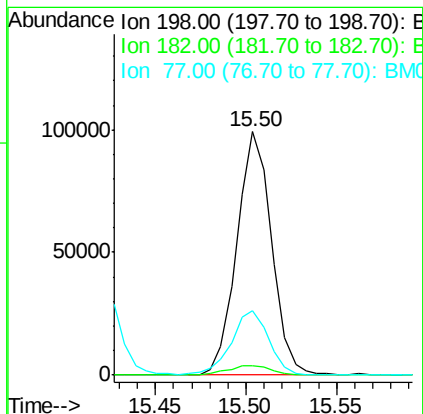
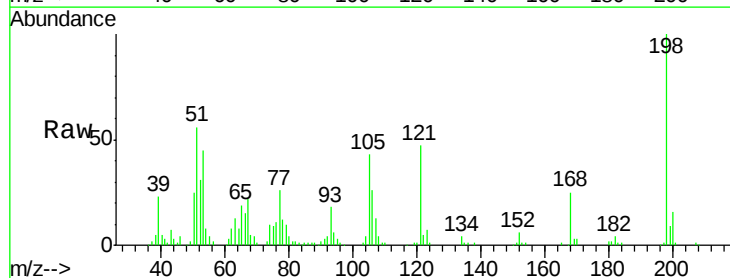
Instrument :
BNA_M
ClientSampleId :
A4FL9DL

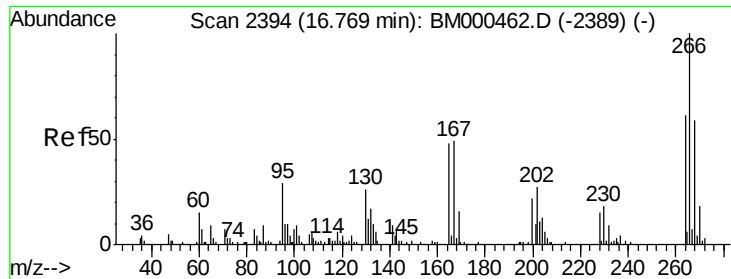
Tgt Ion:138 Resp: 124162
Ion Ratio Lower Upper
138 100
92 51.2 42.6 63.8
108 113.5 94.4 141.6



#63
4,6-Dinitro-2-methylphenol
Concen: 39.31 ng/ul
RT: 15.50 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BM000464.D
Acq: 10 Feb 2015 17:59

Tgt Ion:198 Resp: 132475
Ion Ratio Lower Upper
198 100
182 3.8 4.2 6.4#
77 26.5 23.0 34.6





#68

Pentachlorophenol

Concen: 43.63 ng/ul

RT: 16.77 min Scan# 2395

Delta R.T. 0.01 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

Instrument :

BNA_M

ClientSampleId :

A4FL9DL

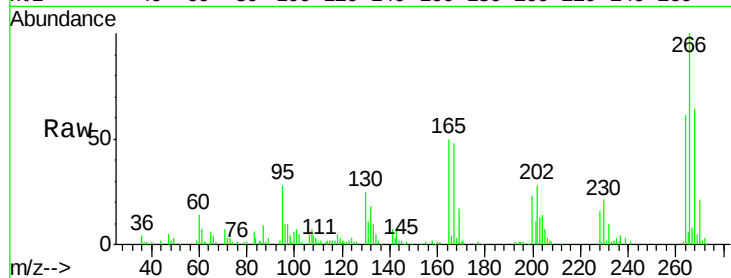
Tgt Ion:266 Resp: 150712

Ion Ratio Lower Upper

266 100

264 60.9 49.9 74.9

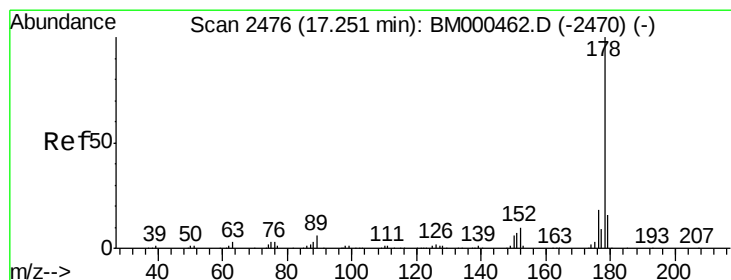
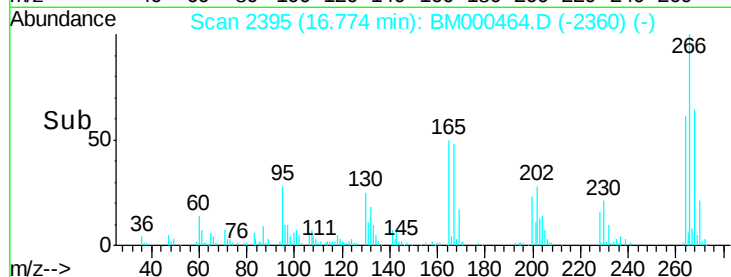
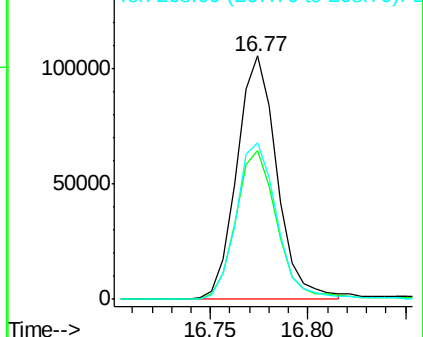
268 64.1 52.2 78.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#71

Anthracene

Concen: 17.34 ng/ul

RT: 17.25 min Scan# 2476

Delta R.T. -0.00 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

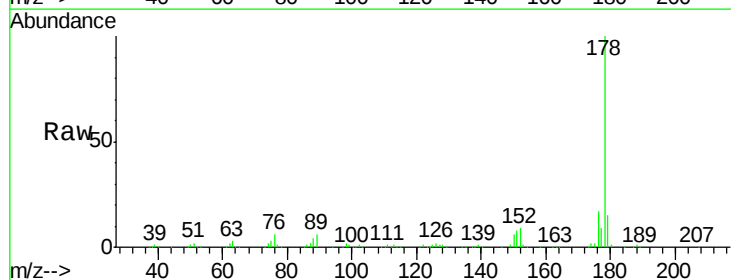
Tgt Ion:178 Resp: 573490

Ion Ratio Lower Upper

178 100

179 14.9 12.9 19.3

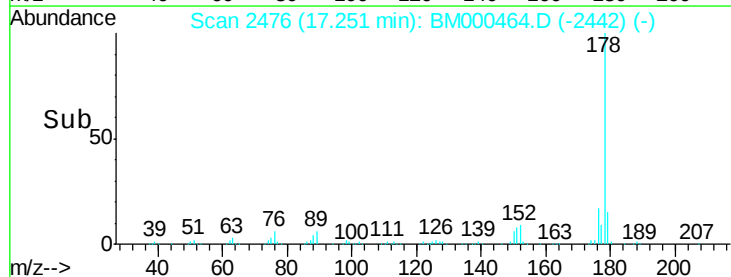
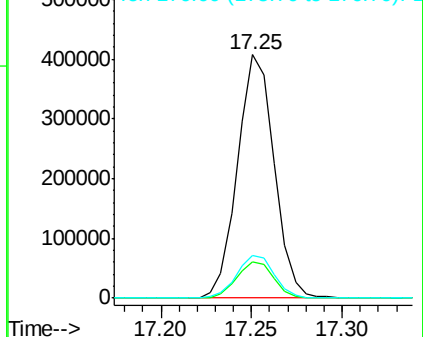
176 17.4 14.6 21.8

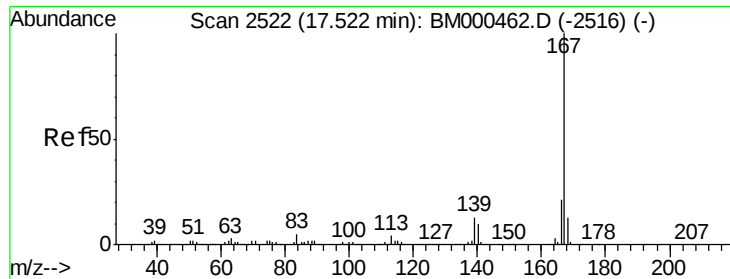


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

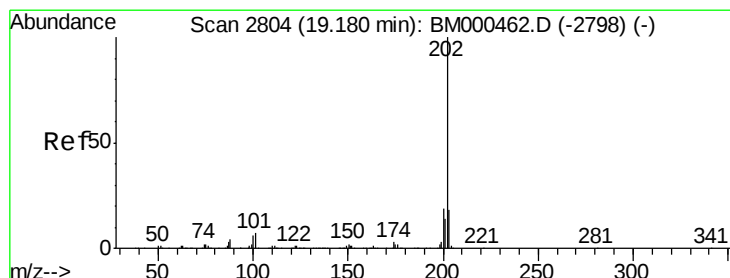
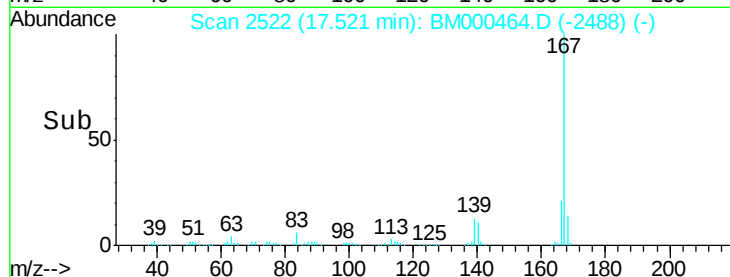
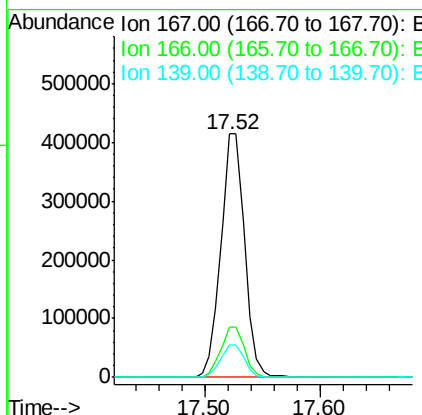
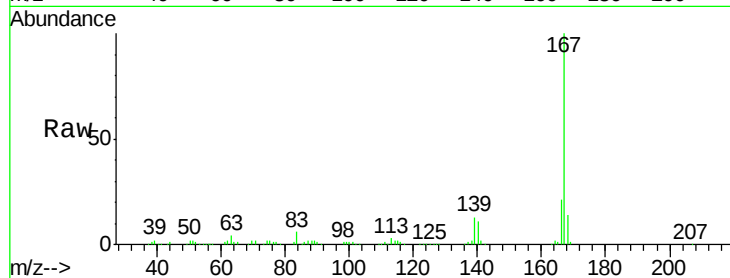




#72
 Carbazole
 Concen: 21.12 ng/ul
 RT: 17.52 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: BM000464.D
 Acq: 10 Feb 2015 17:59

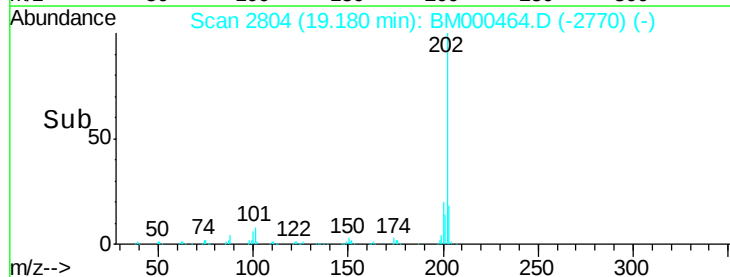
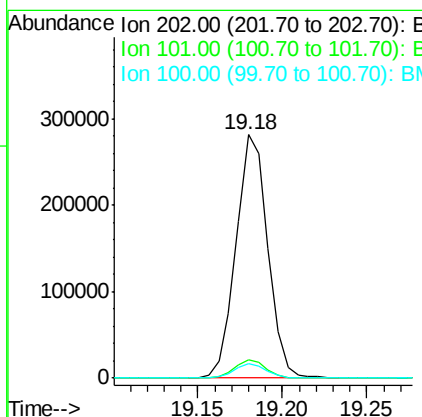
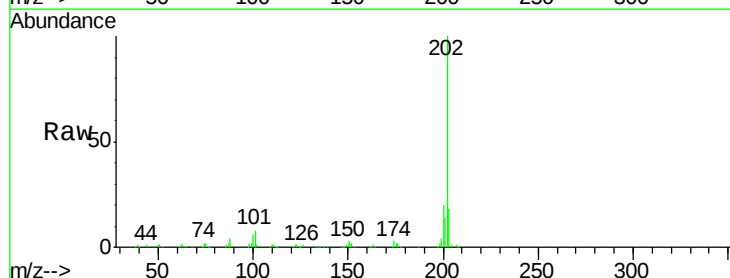
Instrument :
 BNA_M
 ClientSampled :
 A4FL9DL

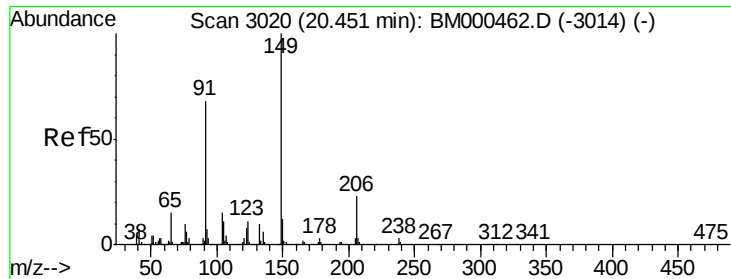
Tgt Ion:167 Resp: 591897
 Ion Ratio Lower Upper
 167 100
 166 20.6 16.9 25.3
 139 13.2 10.7 16.1



#74
 Fluoranthene
 Concen: 10.19 ng/ul
 RT: 19.18 min Scan# 2804
 Delta R.T. -0.00 min
 Lab File: BM000464.D
 Acq: 10 Feb 2015 17:59

Tgt Ion:202 Resp: 367898
 Ion Ratio Lower Upper
 202 100
 101 7.7 5.1 7.7#
 100 6.0 4.2 6.2

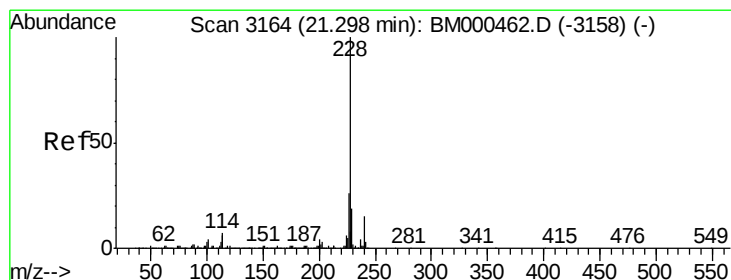
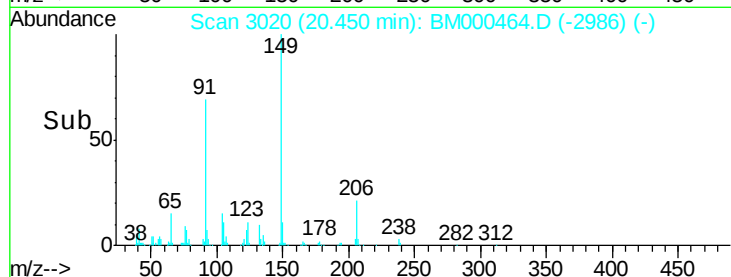
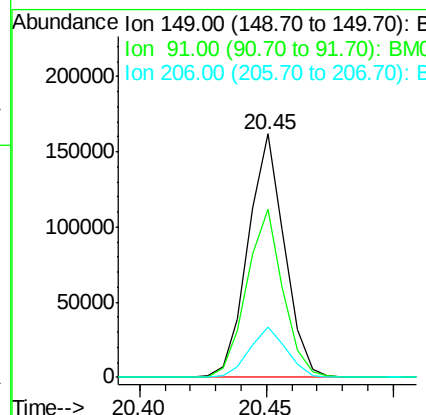
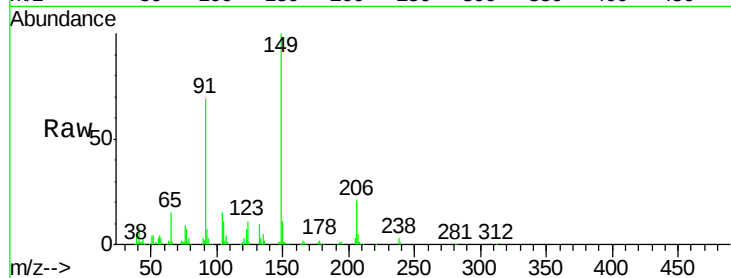




#78
Butylbenzylphthalate
Concen: 12.53 ng/ul
RT: 20.45 min Scan# 3020
Delta R.T. -0.00 min
Lab File: BM000464.D
Acq: 10 Feb 2015 17:59

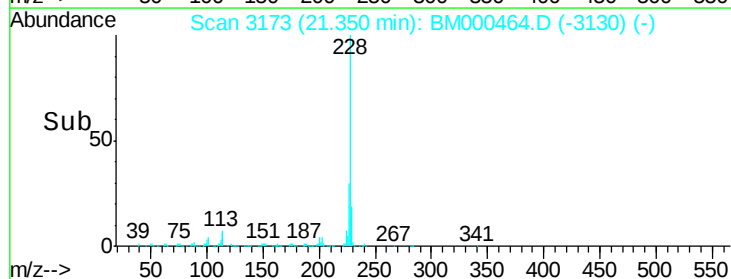
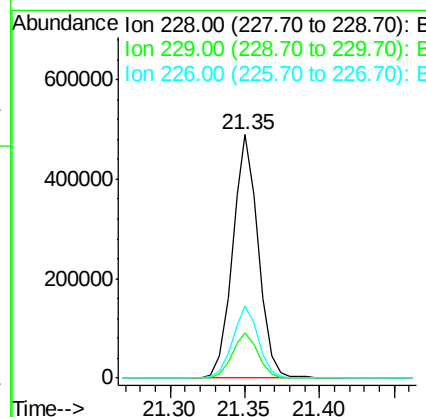
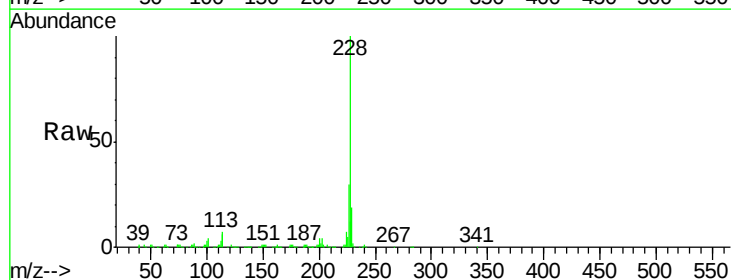
Instrument :
BNA_M
ClientSampleId :
A4FL9DL

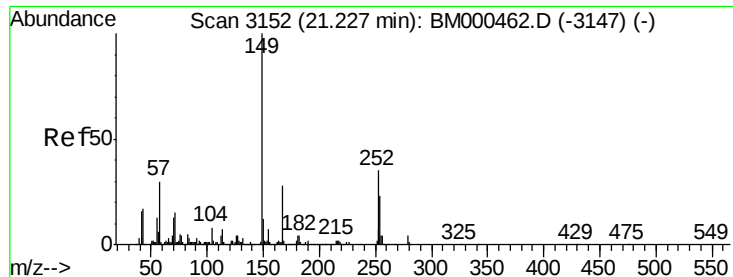
Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.1	52.1	78.1
206	20.9	17.1	25.7



#80
Benzo(a)anthracene
Concen: 16.30 ng/ul
RT: 21.35 min Scan# 3173
Delta R.T. 0.05 min
Lab File: BM000464.D
Acq: 10 Feb 2015 17:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.7	16.0	24.0
226	29.6	21.8	32.6

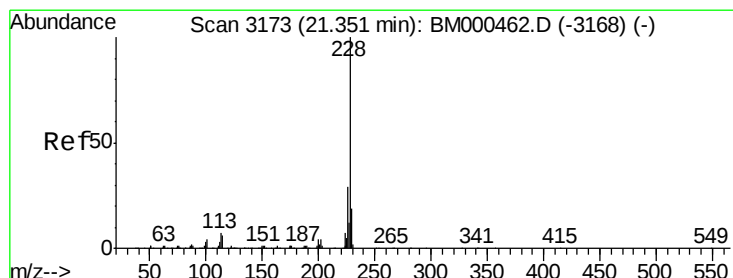
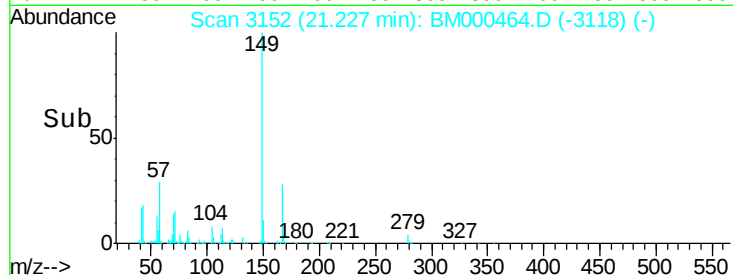
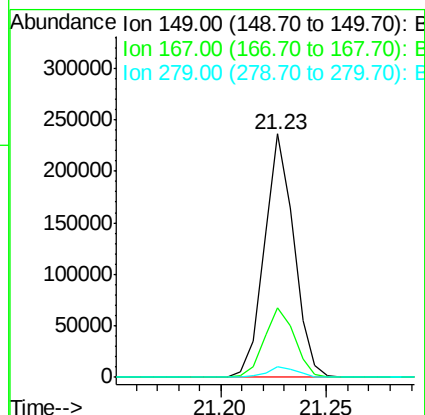
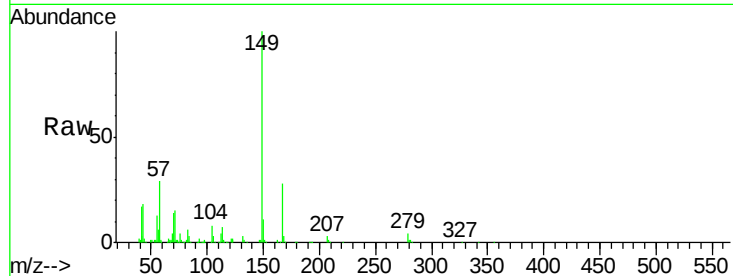




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 12.60 ng/ul
 RT: 21.23 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: BM000464.D
 Acq: 10 Feb 2015 17:59

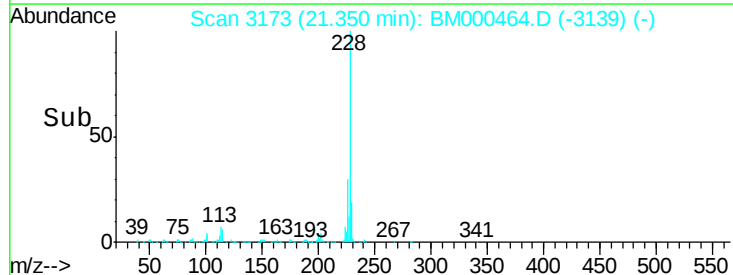
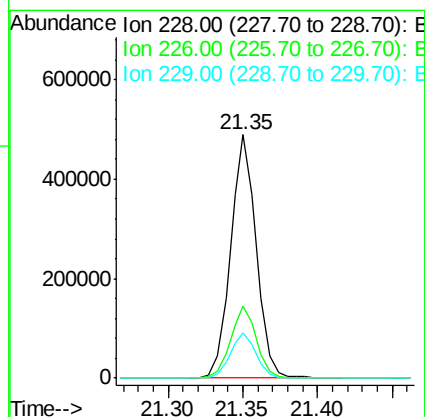
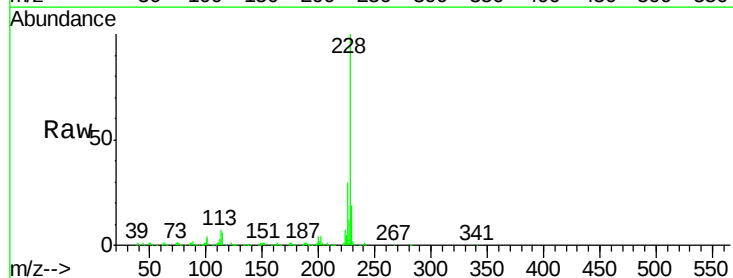
Instrument :
 BNA_M
 ClientSampleId :
 A4FL9DL

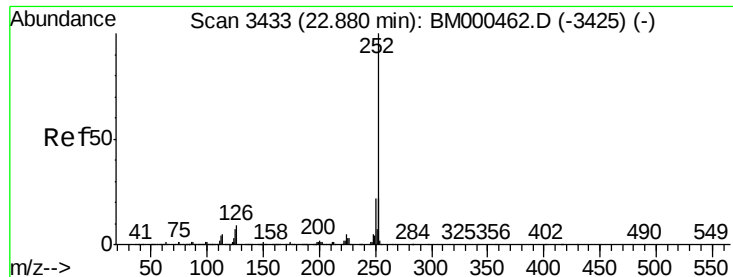
Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	4.1	3.4	5.2



#82
 Chrysene
 Concen: 17.09 ng/ul
 RT: 21.35 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: BM000464.D
 Acq: 10 Feb 2015 17:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.1	34.7
229	18.7	15.1	22.7

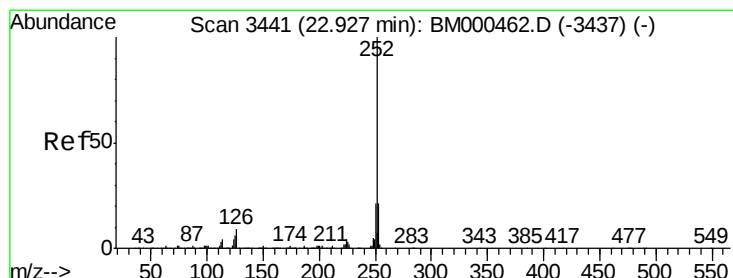
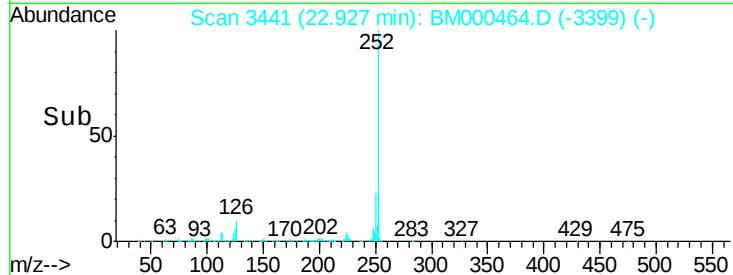
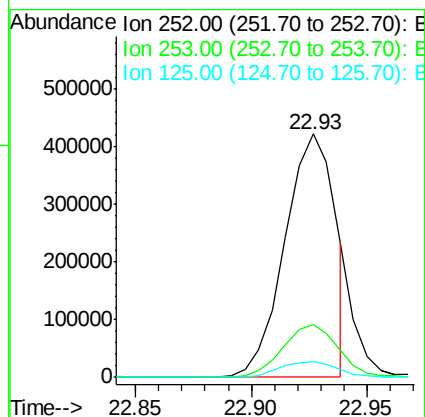
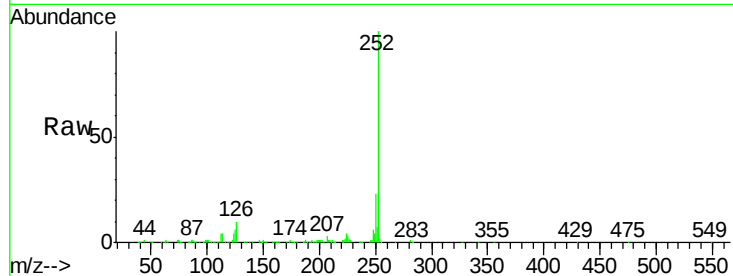




#85
Benzo(b)fluoranthene
Concen: 18.91 ng/ul
RT: 22.93 min Scan# 3441
Delta R.T. 0.05 min
Lab File: BM000464.D
Acq: 10 Feb 2015 17:59

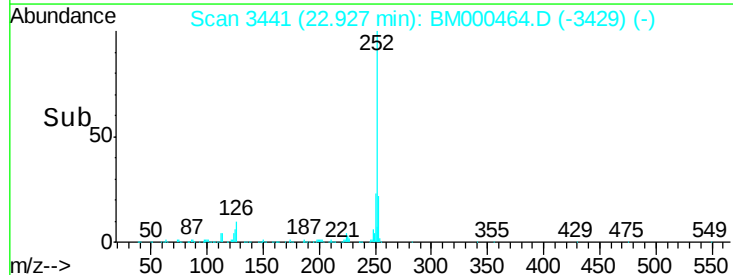
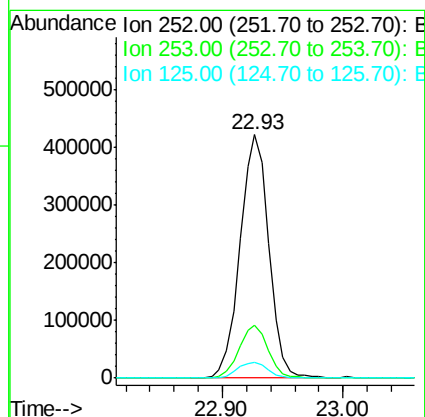
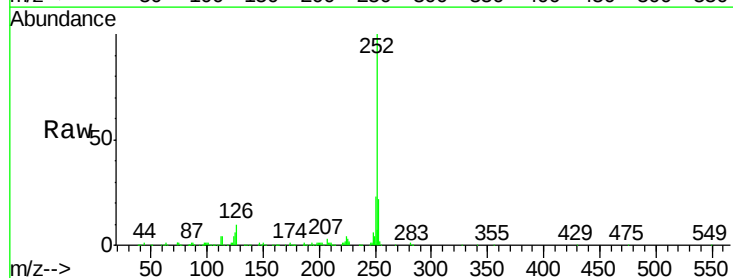
Instrument :
BNA_M
ClientSampleId :
A4FL9DL

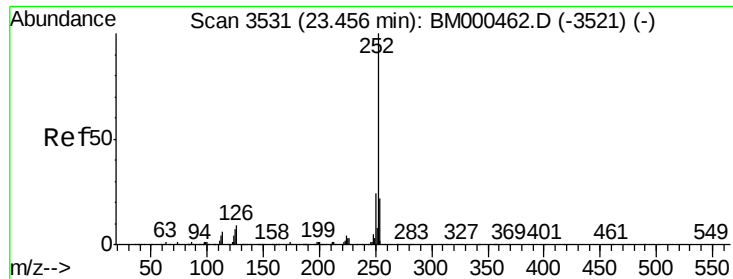
Tgt Ion:252 Resp: 641770
Ion Ratio Lower Upper
252 100
253 21.8 18.6 28.0
125 6.5 5.6 8.4



#86
Benzo(k)fluoranthene
Concen: 21.44 ng/ul
RT: 22.93 min Scan# 3441
Delta R.T. -0.00 min
Lab File: BM000464.D
Acq: 10 Feb 2015 17:59

Tgt Ion:252 Resp: 702075
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 6.5 4.8 7.2





#88

Benzo(a)pyrene

Concen: 21.05 ng/ul

RT: 23.46 min Scan# 3532

Delta R.T. 0.01 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

Instrument :

BNA_M

ClientSampleId :

A4FL9DL

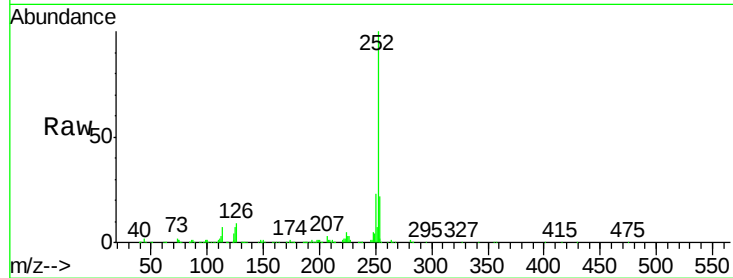
Tgt Ion:252 Resp: 677829

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

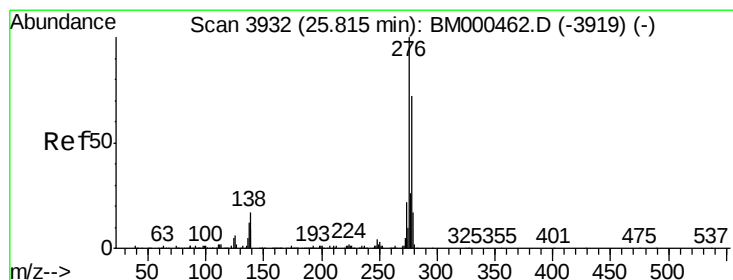
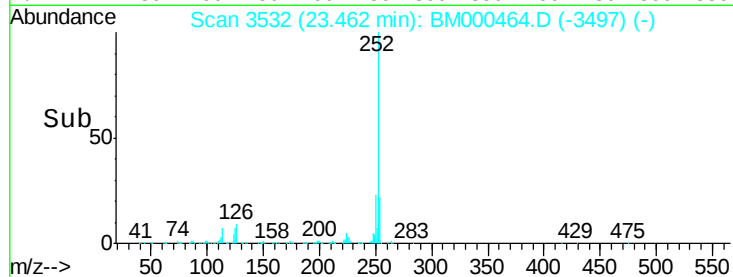
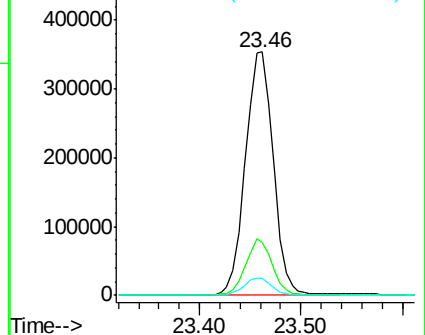
125 7.0 5.3 7.9



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: 7.98 ng/ul

RT: 25.81 min Scan# 3932

Delta R.T. -0.00 min

Lab File: BM000464.D

Acq: 10 Feb 2015 17:59

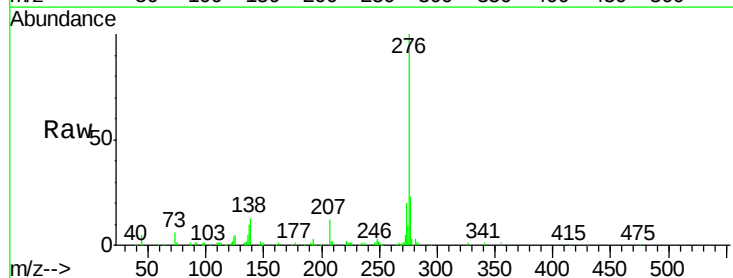
Tgt Ion:276 Resp: 284917

Ion Ratio Lower Upper

276 100

138 13.4 12.6 19.0

277 23.1 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

