

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
 Data File : BM000565.D
 Acq On : 20 Feb 2015 17:55
 Operator : TP/IZ
 Sample : MDL-06-W
 Misc : MDL-WATER-3PPM-SOM0
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-W

Quant Time: Feb 21 02:50:57 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 21 00:39:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	111576	20.00	ng/ul	0.00
16) Naphthalene-d8	10.46	136	490882	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.32	164	333181	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.07	188	748895	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	586593	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	419994	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) Phenol-d5	6.85	99	261078	32.14	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.01	67	167869	34.97	ng/ul	0.00
7) 2-Chlorophenol-d4	7.20	132	225609	32.65	ng/ul	0.00
11) 4-Methylphenol-d8	8.39	113	228616	33.20	ng/ul	0.00
17) Nitrobenzene-d5	8.83	128	115008	34.91	ng/ul	0.00
20) 2-Nitrophenol-d4	9.55	143	133173	34.92	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.08	165	250814	31.04	ng/ul	0.00
27) 4-Chloroaniline-d4	10.60	131	355272	49.30	ng/ul	0.00
41) Dimethylphthalate-d6	13.74	166	911215	37.79	ng/ul	0.00
44) Acenaphthylene-d8	14.02	160	1103704	34.16	ng/ul	0.00
49) 4-Nitrophenol-d4	14.53	143	131210	34.03	ng/ul	0.00
55) Fluorene-d10	15.32	176	825202	35.01	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.44	200	111767	25.68	ng/ul	0.00
68) Anthracene-d10	17.17	188	1282881	36.22	ng/ul	0.00
76) Pyrene-d10	19.47	212	1287957	37.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	721413	36.64	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Bis(2-Chloroethyl)ether	7.11	93	988	0.16	ng/ul#	84
13) N-Nitroso-di-n-propylamine	8.38	70	5972	1.13	ng/ul#	1
18) Nitrobenzene	8.83	77	954	0.11	ng/ul#	40
19) Isophorone	9.55	82	14340	0.98	ng/ul#	71
42) Dimethylphthalate	13.74	163	478	0.02	ng/ul#	1
43) 2,6-Dinitrotoluene	13.74	165	7372	1.57	ng/ul#	36
50) 4-Nitrophenol	14.54	109	248	0.06	ng/ul#	1
56) Fluorene	15.33	166	2185	0.08	ng/ul#	9
58) 4-Nitroaniline	15.44	138	287	0.06	ng/ul#	1
62) N-Nitrosodiphenylamine	15.46	169	672	0.03	ng/ul#	24
69) Anthracene	17.17	178	421	0.01	ng/ul#	1
70) 1,2,3,4-Tetrachlorobenzene	13.12	216	23190	2.09	ng/uL	90
71) Pentachlorobenzene	14.64	250	48217	4.54	ng/uL	98
77) Pyrene	19.47	202	1471	0.03	ng/ul#	1
78) Butylbenzylphthalate	20.40	149	140	0.01	ng/ul#	25
80) Benzo(a)anthracene	21.26	228	1282	0.04	ng/ul#	53
81) Bis(2-ethylhexyl)phthalate	21.17	149	820	0.04	ng/ul#	50
82) Chrysene	21.26	228	1282	0.04	ng/ul#	51
84) Di-n-octyl phthalate	22.06	149	217	0.01	ng/ul	100
85) Benzo(b)fluoranthene	22.81	252	127	0.00	ng/ul#	1
86) Benzo(k)fluoranthene	22.81	252	127	0.01	ng/ul#	1
88) Benzo(a)pyrene	23.34	252	3198	0.13	ng/ul#	34

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 21 00:39:15 2015
Response via : Initial Calibration

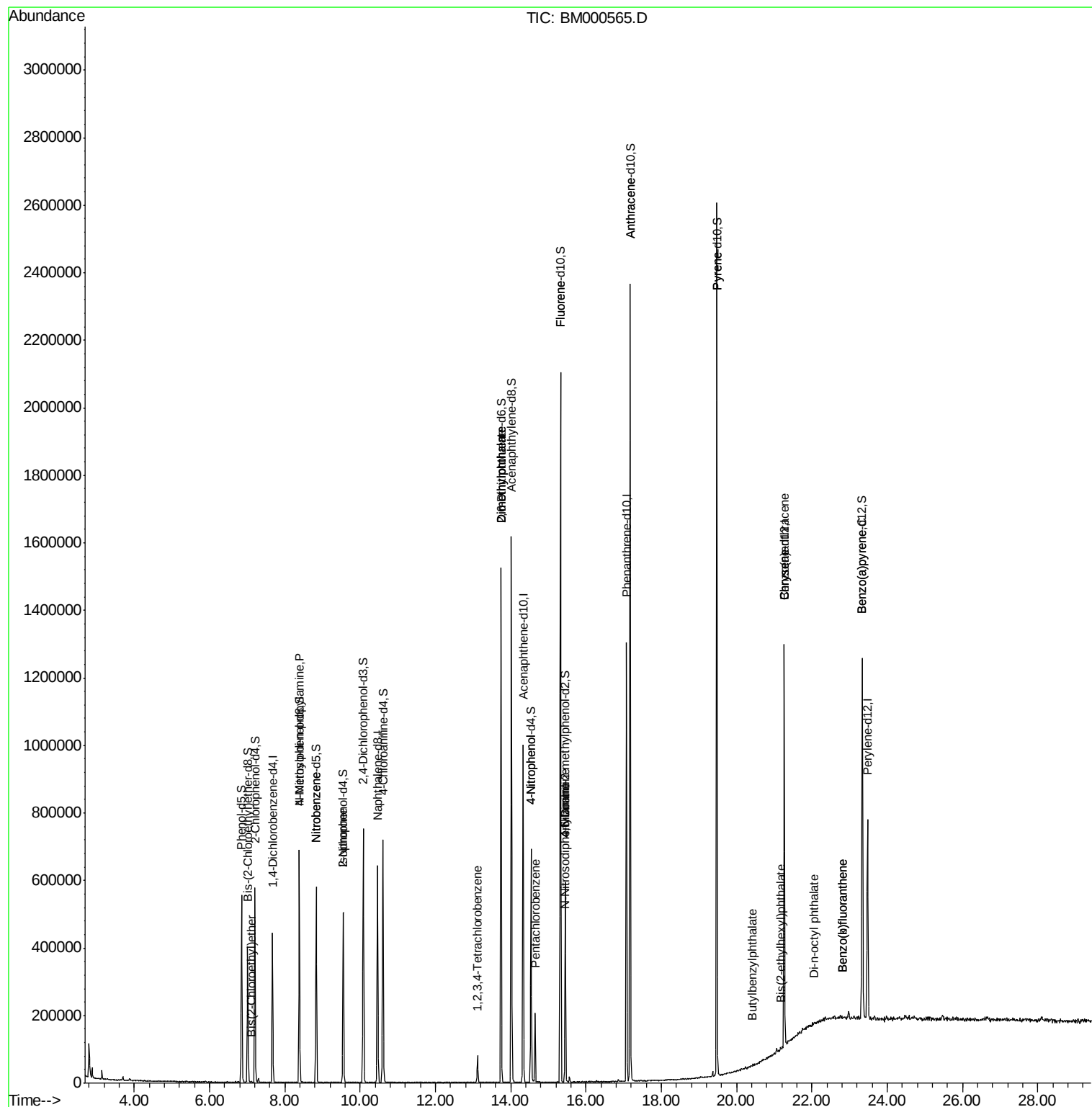
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

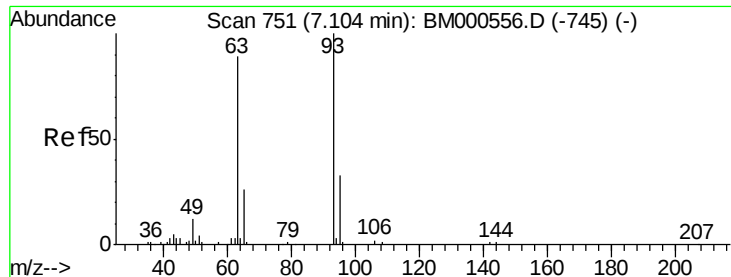
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Sample : MDL-06-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
MDL-06-W

Quant Time: Feb 21 02:50:57 2015
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QLast Update : Sat Feb 21 00:39:15 2015
Response via : Initial Calibration





#6

Bis(2-Chloroethyl)ether

Concen: 0.16 ng/ul

RT: 7.11 min Scan# 752

Delta R.T. 0.01 min

Lab File: BM000565.D

Acq: 20 Feb 2015 17:55

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

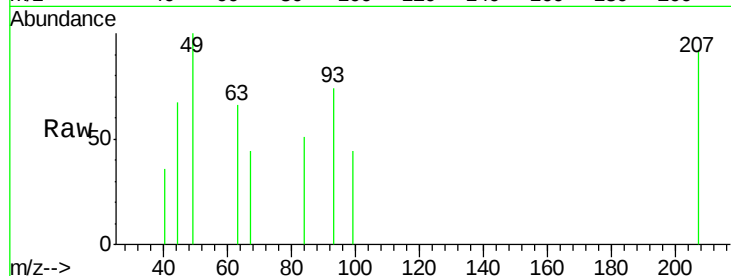
Tgt Ion: 93 Resp: 988

Ion Ratio Lower Upper

93 100

63 89.1 71.2 106.8

95 0.0 26.1 39.1#



Abundance Ion 93.00 (92.70 to 93.70): BM000556.D (-745) (-)

Ion 63.00 (62.70 to 63.70): BM000556.D (-745) (-)

Ion 95.00 (94.70 to 95.70): BM000556.D (-745) (-)

Time-->

7.08 7.10 7.12

7.11

7.10

7.11

7.12

7.11

7.10

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7.12

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7.11

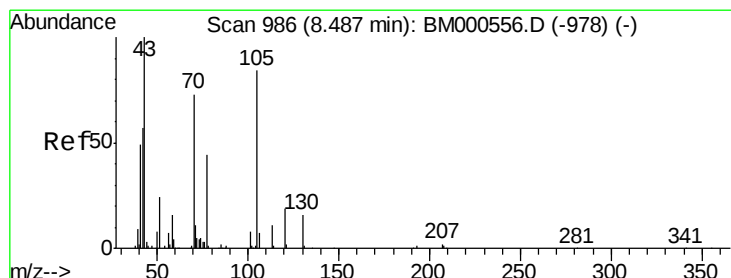
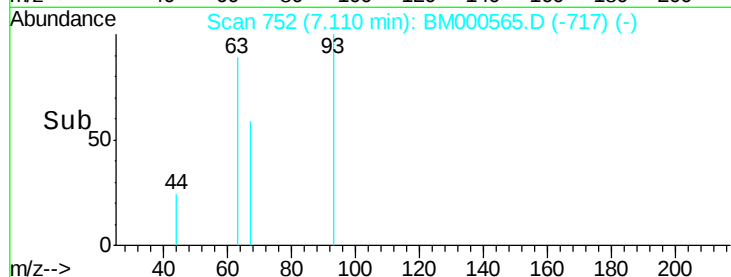
7.12

7.11

7.10

7.11

7.12



#13

N-Nitroso-di-n-propylamine

Concen: 1.13 ng/ul

RT: 8.38 min Scan# 968

Delta R.T. -0.11 min

Lab File: BM000565.D

Acq: 20 Feb 2015 17:55

Tgt Ion: 70 Resp: 5972

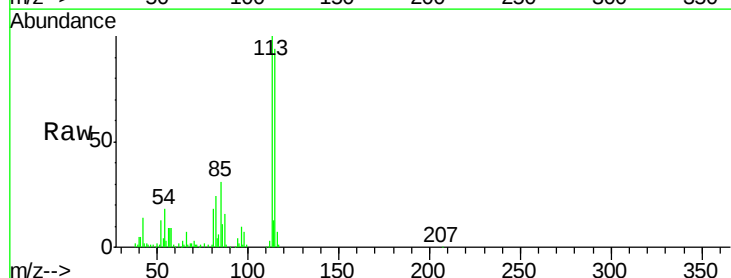
Ion Ratio Lower Upper

70 100

42 494.5 63.3 94.9#

101 0.0 8.2 12.4#

130 0.0 17.8 26.8#



Abundance Ion 70.00 (69.70 to 70.70): BM000556.D (-978) (-)

Ion 42.00 (41.70 to 42.70): BM000556.D (-978) (-)

Ion 101.00 (100.70 to 101.70): BM000556.D (-978) (-)

Ion 130.00 (129.70 to 130.70): BM000556.D (-978) (-)

Time-->

8.34 8.36 8.38 8.40 8.42

8.38

8.38

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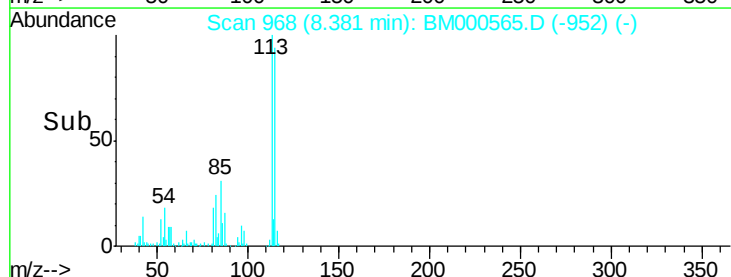
8.38

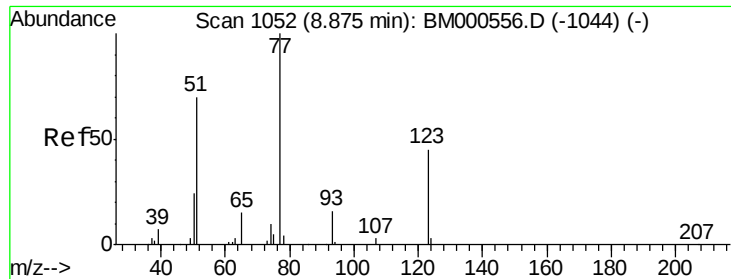
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8.38

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8.38

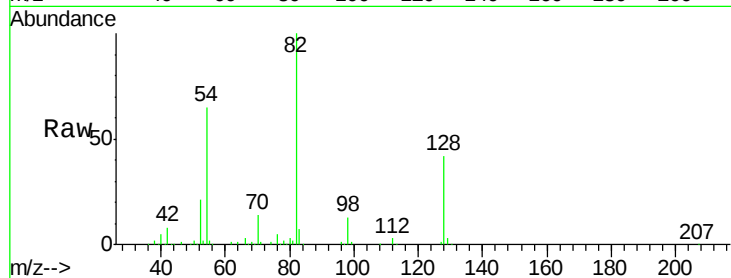




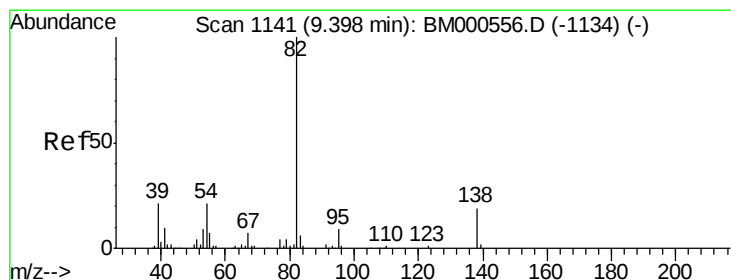
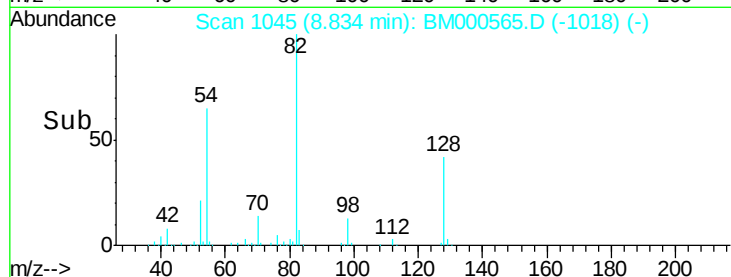
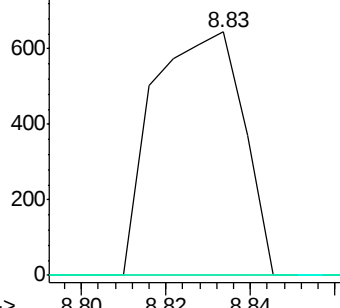
#18
 Nitrobenzene
 Concen: 0.11 ng/ul
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.04 min
 Lab File: BM000565.D
 Acq: 20 Feb 2015 17:55

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-W

Tgt Ion: 77 Resp: 954
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.7 53.5#
 65 0.0 12.3 18.5#

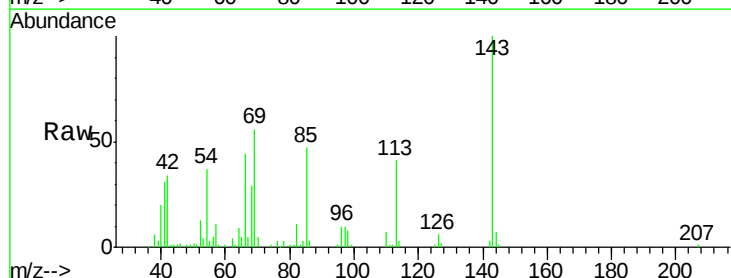


Abundance Ion 77.00 (76.70 to 77.70): BM0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BM0

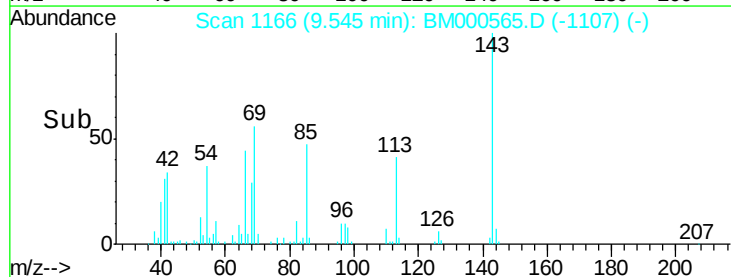
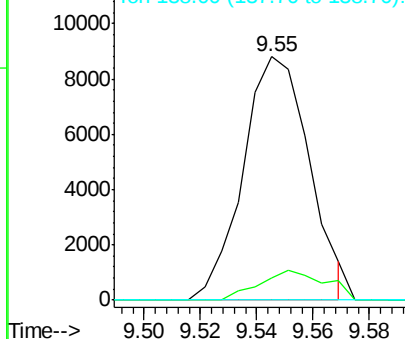


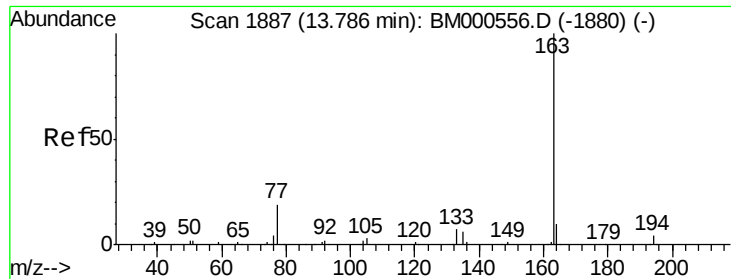
#19
 Isophorone
 Concen: 0.98 ng/ul
 RT: 9.55 min Scan# 1166
 Delta R.T. 0.15 min
 Lab File: BM000565.D
 Acq: 20 Feb 2015 17:55

Tgt Ion: 82 Resp: 14340
 Ion Ratio Lower Upper
 82 100
 95 9.1 7.0 10.4
 138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 138.00 (137.70 to 138.70): B





#42

Dimethylphthalate

Concen: 0.02 ng/ul

RT: 13.74 min Scan# 1879

Delta R.T. -0.05 min

Lab File: BM000565.D

Acq: 20 Feb 2015 17:55

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

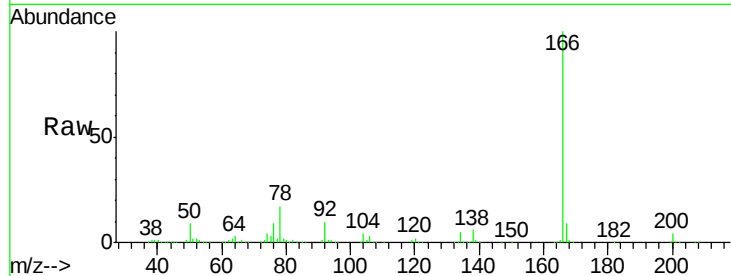
Tgt Ion:163 Resp: 478

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

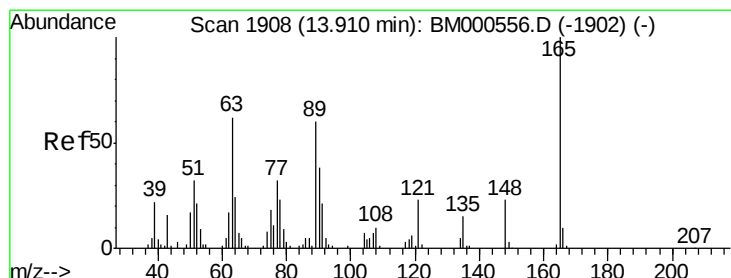
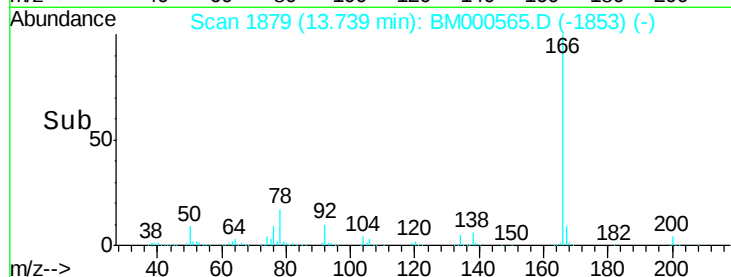
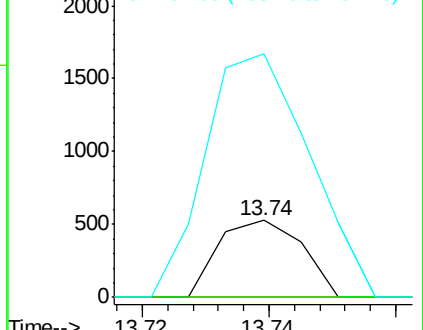
164 317.5 7.9 11.9#



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



#43

2,6-Dinitrotoluene

Concen: 1.57 ng/ul

RT: 13.74 min Scan# 1879

Delta R.T. -0.17 min

Lab File: BM000565.D

Acq: 20 Feb 2015 17:55

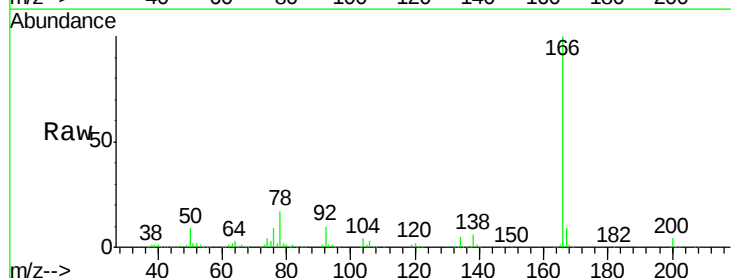
Tgt Ion:165 Resp: 7372

Ion Ratio Lower Upper

165 100

89 0.0 47.8 71.8#

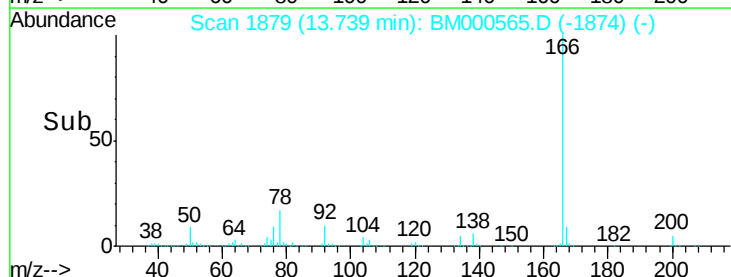
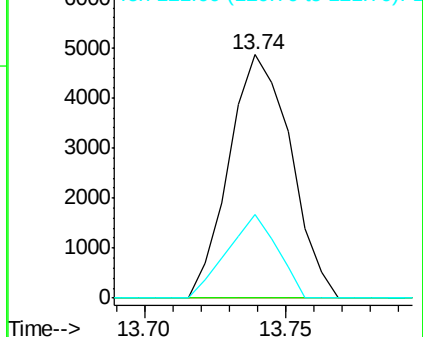
121 34.2 18.1 27.1#

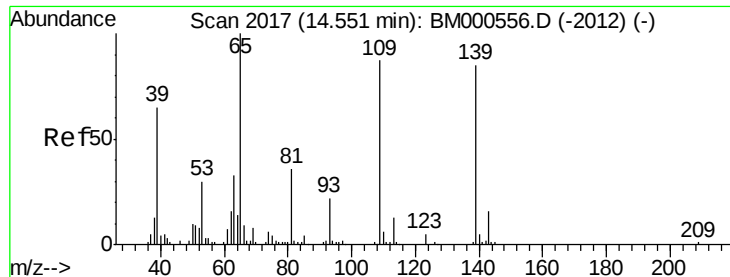


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

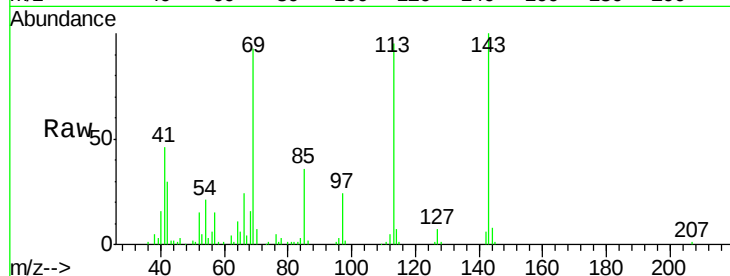




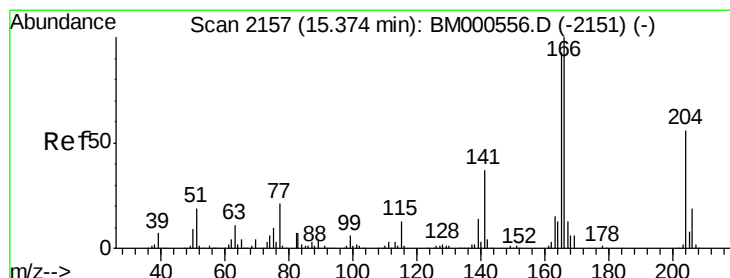
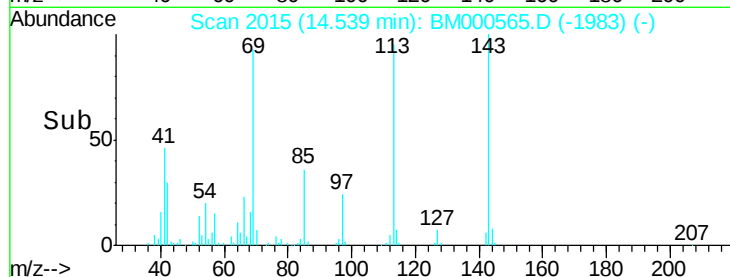
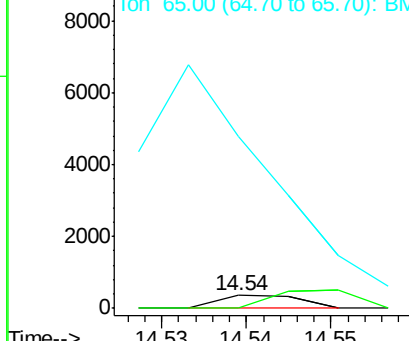
#50
4-Nitrophenol
Concen: 0.06 ng/ul
RT: 14.54 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM000565.D
Acq: 20 Feb 2015 17:55

Instrument :
BNA_M
ClientSampleId :
MDL-06-W

Tgt Ion:109 Resp: 248
Ion Ratio Lower Upper
109 100
139 0.0 78.2 117.4#
65 1311.8 93.7 140.5#

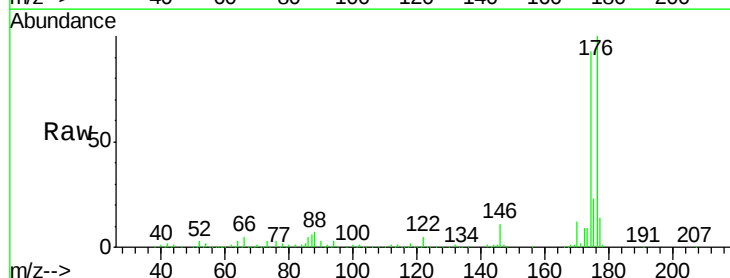


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BMC

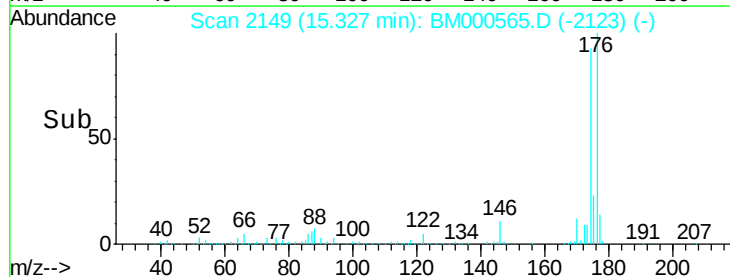
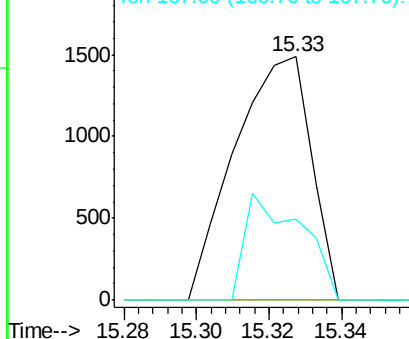


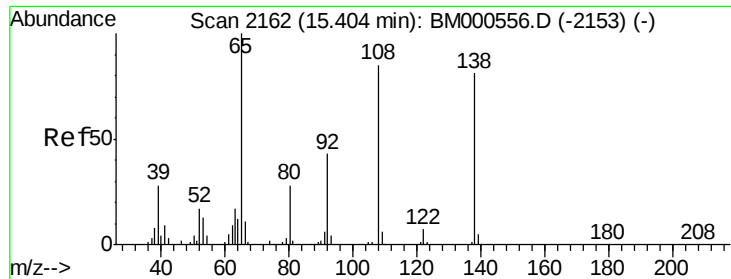
#56
Fluorene
Concen: 0.08 ng/ul
RT: 15.33 min Scan# 2149
Delta R.T. -0.05 min
Lab File: BM000565.D
Acq: 20 Feb 2015 17:55

Tgt Ion:166 Resp: 2185
Ion Ratio Lower Upper
166 100
165 0.0 74.4 111.6#
167 33.2 10.2 15.4#



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

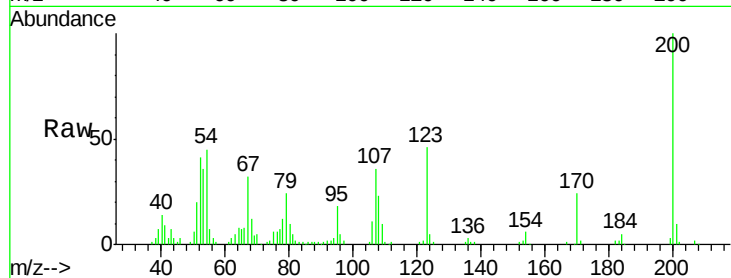




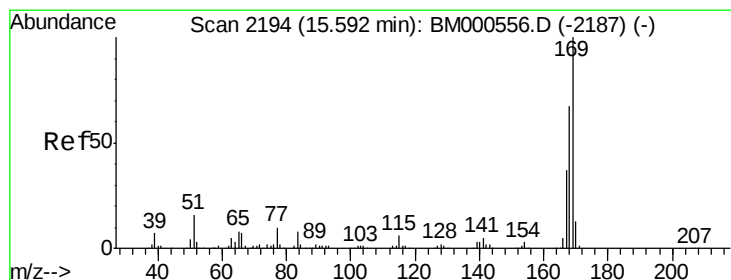
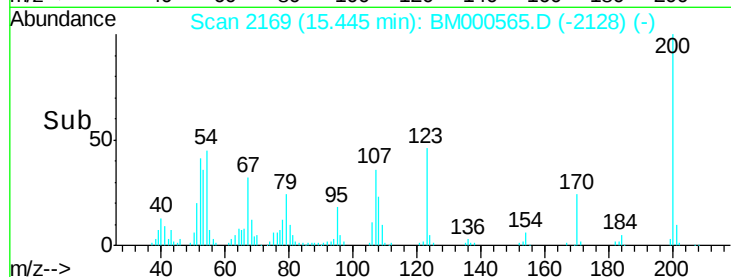
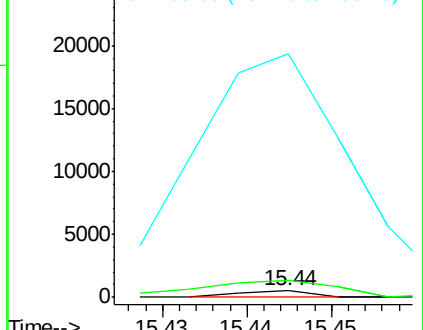
#58
4-Nitroaniline
Concen: 0.06 ng/ul
RT: 15.44 min Scan# 2169
Delta R.T. 0.04 min
Lab File: BM000565.D
Acq: 20 Feb 2015 17:55

Instrument :
BNA_M
ClientSampleId :
MDL-06-W

Tgt Ion:138 Resp: 287
Ion Ratio Lower Upper
138 100
92 277.1 42.2 63.2#
108 3822.9 83.5 125.3#

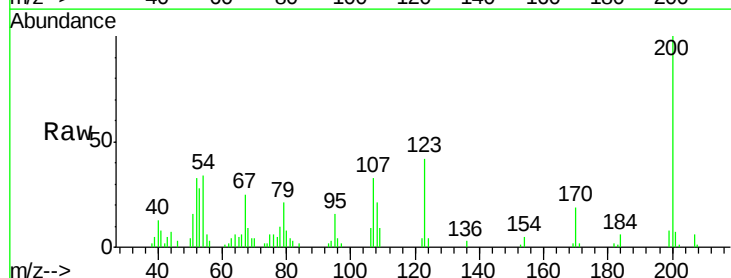


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

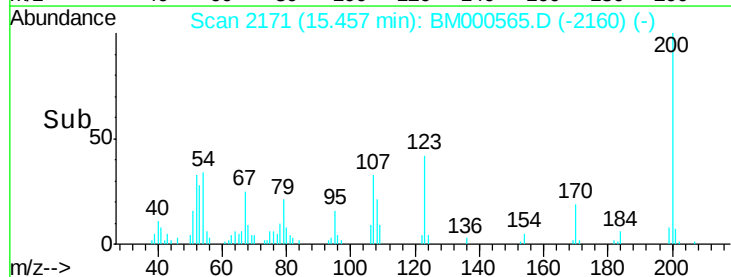
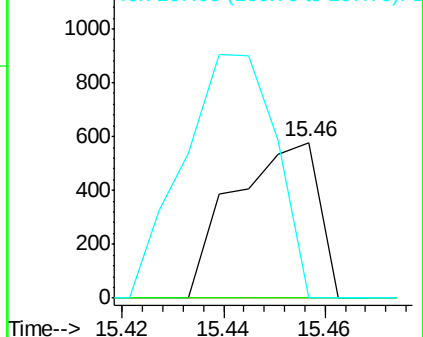


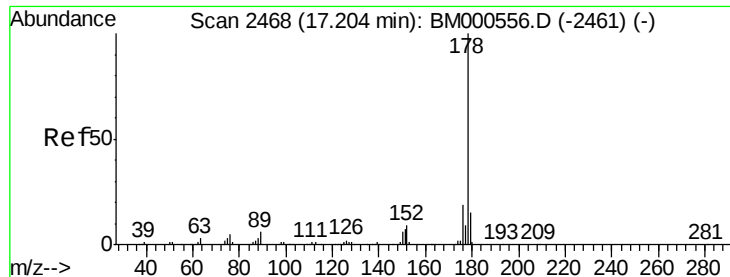
#62
N-Nitrosodiphenylamine
Concen: 0.03 ng/ul
RT: 15.46 min Scan# 2171
Delta R.T. -0.14 min
Lab File: BM000565.D
Acq: 20 Feb 2015 17:55

Tgt Ion:169 Resp: 672
Ion Ratio Lower Upper
169 100
168 0.0 53.3 79.9#
167 0.0 29.4 44.2#



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





#69

Anthracene

Concen: 0.01 ng/uL

RT: 17.17 min Scan# 2462

Delta R.T. -0.04 min

Lab File: BM000565.D

Acq: 20 Feb 2015 17:55

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

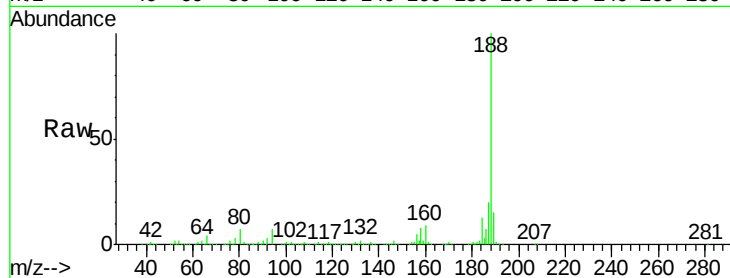
Tgt Ion:178 Resp: 421

Ion Ratio Lower Upper

178 100

179 217.4 12.2 18.4#

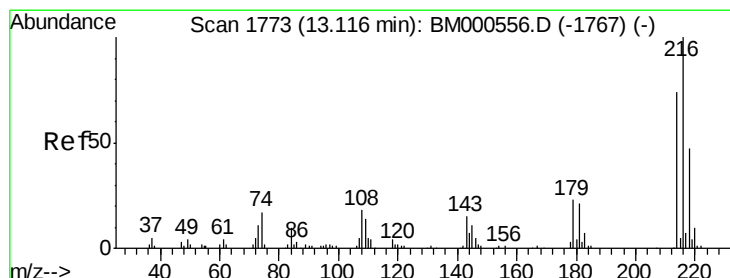
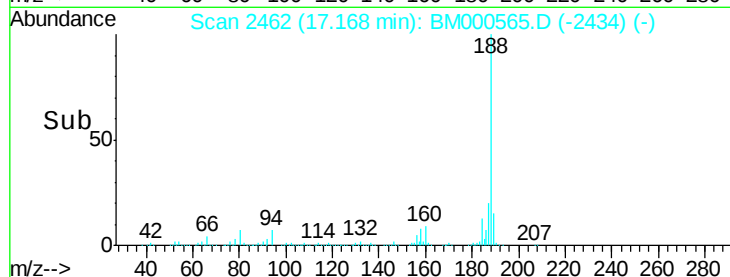
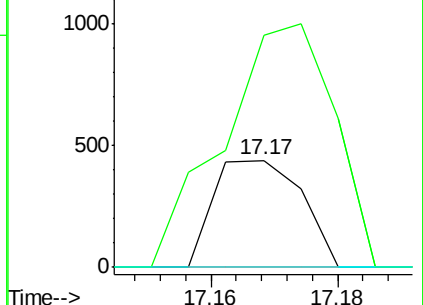
176 0.0 15.0 22.6#



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



#70

1,2,3,4-Tetrachlorobenzene

Concen: 2.09 ng/uL

RT: 13.12 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BM000565.D

Acq: 20 Feb 2015 17:55

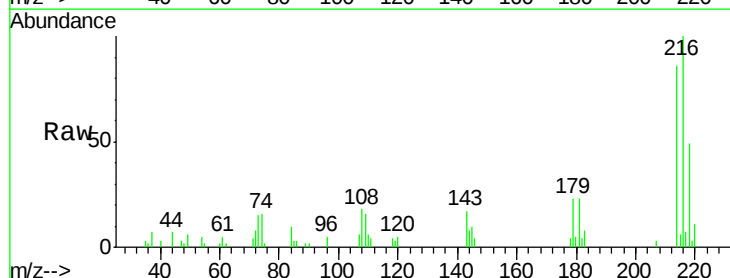
Tgt Ion:216 Resp: 23190

Ion Ratio Lower Upper

216 100

214 85.7 59.1 88.7

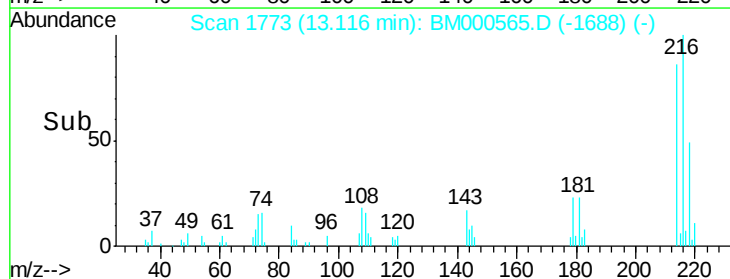
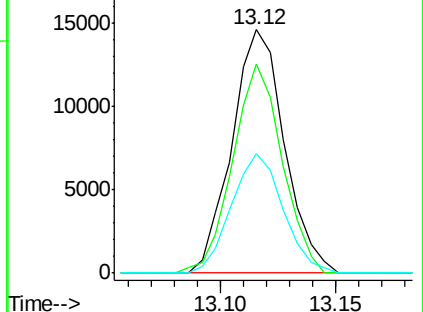
218 49.0 37.6 56.4

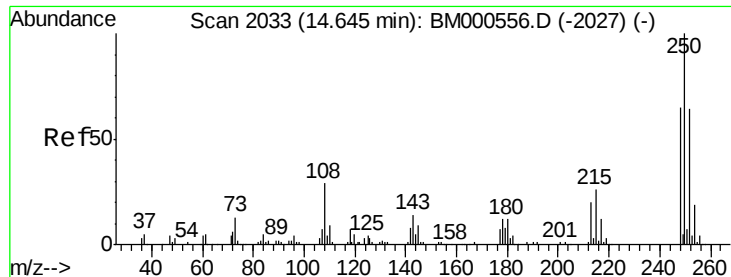


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

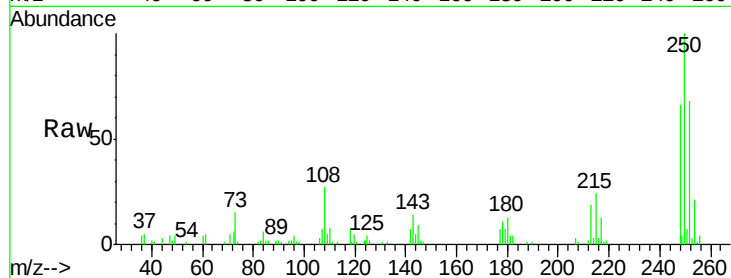




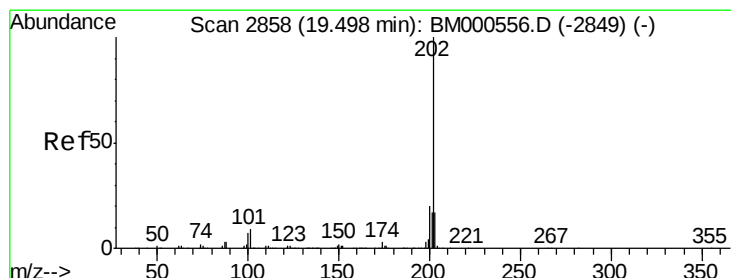
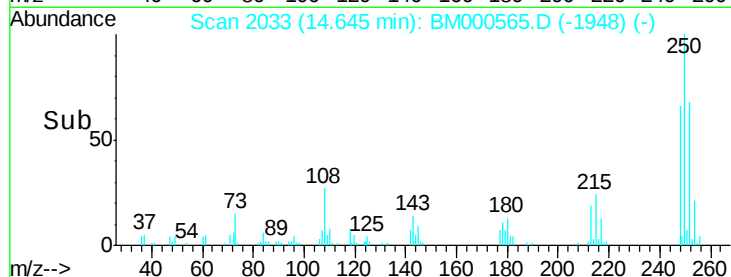
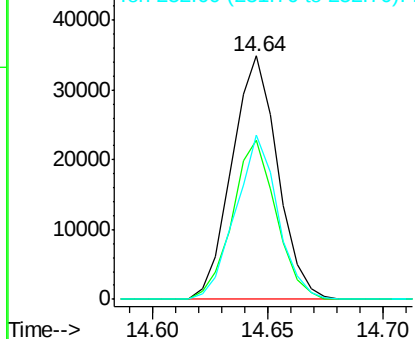
#71
 Pentachlorobenzene
 Concen: 4.54 ng/uL
 RT: 14.64 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BM000565.D
 Acq: 20 Feb 2015 17:55

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-W

Tgt Ion:250 Resp: 48217
 Ion Ratio Lower Upper
 250 100
 248 65.6 52.4 78.6
 252 67.7 51.5 77.3

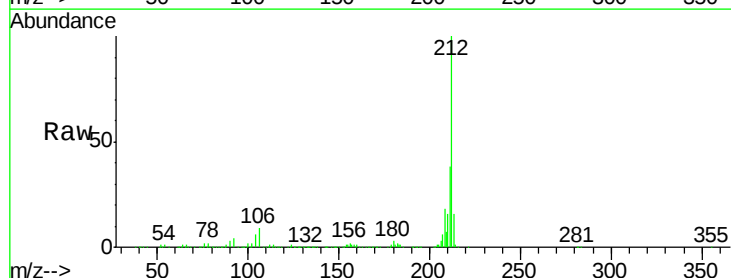


Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

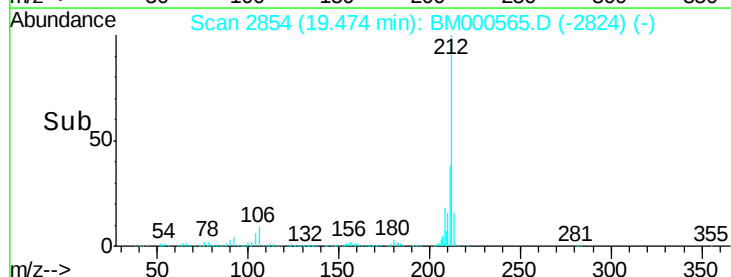
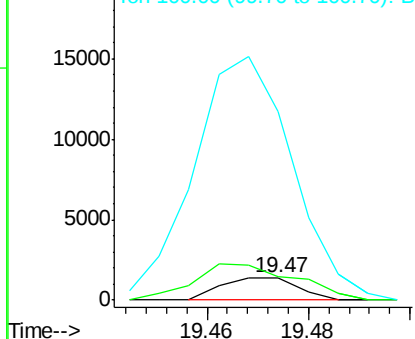


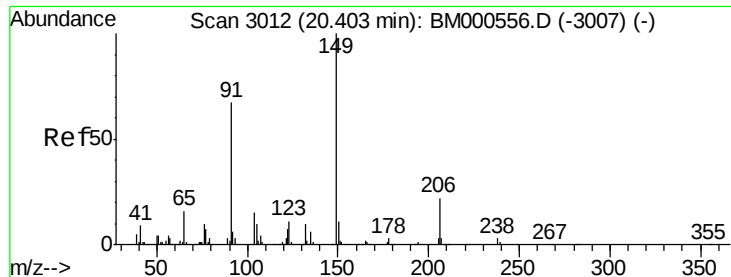
#77
 Pyrene
 Concen: 0.03 ng/uL
 RT: 19.47 min Scan# 2854
 Delta R.T. -0.02 min
 Lab File: BM000565.D
 Acq: 20 Feb 2015 17:55

Tgt Ion:202 Resp: 1471
 Ion Ratio Lower Upper
 202 100
 101 104.3 7.2 10.8#
 100 843.6 5.9 8.9#



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 0.01 ng/ul

RT: 20.40 min Scan# 3012

Delta R.T. 0.00 min

Lab File: BM000565.D

Acq: 20 Feb 2015 17:55

Instrument :

BNA_M

ClientSampled :

MDL-06-W

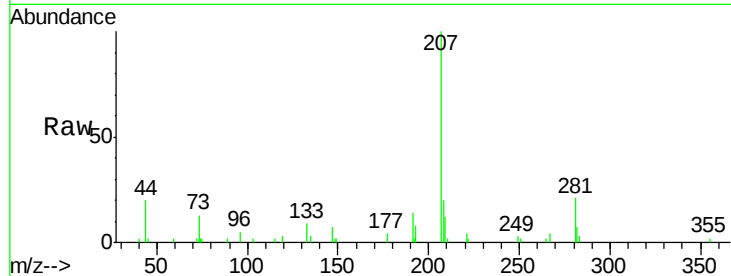
Tgt Ion:149 Resp: 140

Ion Ratio Lower Upper

149 100

91 0.0 53.9 80.9#

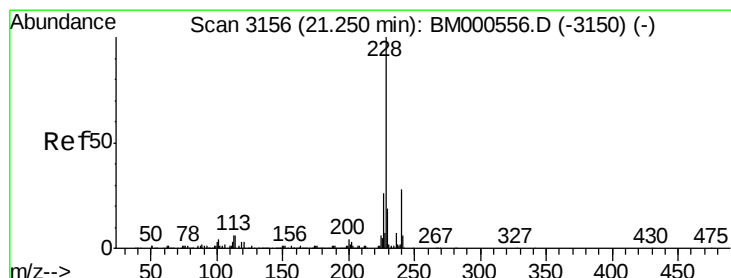
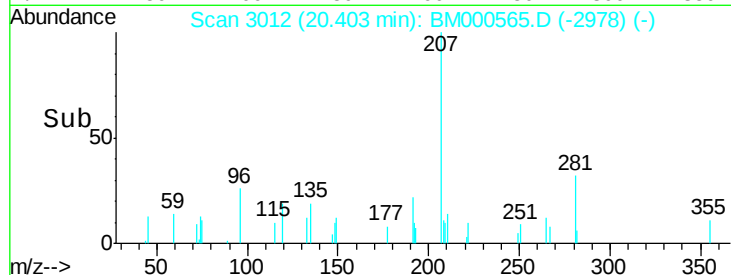
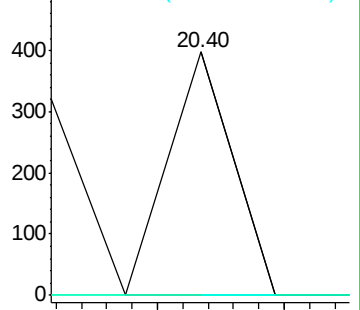
206 0.0 17.2 25.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.26 min Scan# 3158

Delta R.T. 0.01 min

Lab File: BM000565.D

Acq: 20 Feb 2015 17:55

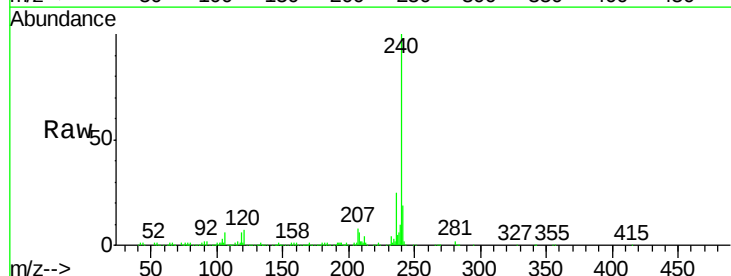
Tgt Ion:228 Resp: 1282

Ion Ratio Lower Upper

228 100

229 0.0 15.1 22.7#

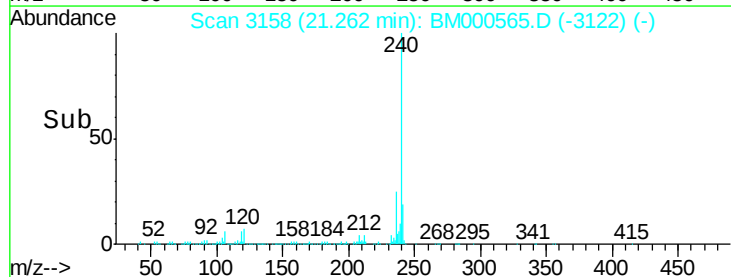
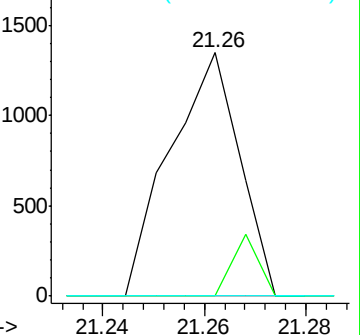
226 0.0 20.4 30.6#

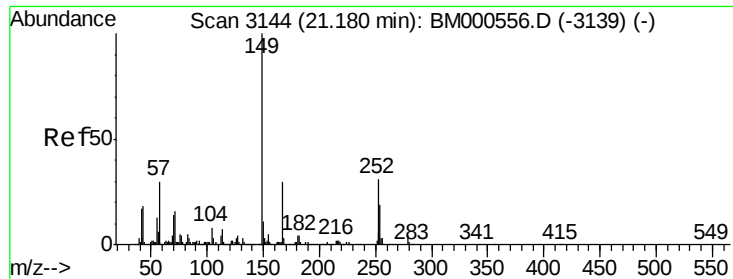


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 0.04 ng/ul

RT: 21.17 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BM000565.D

Acq: 20 Feb 2015 17:55

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

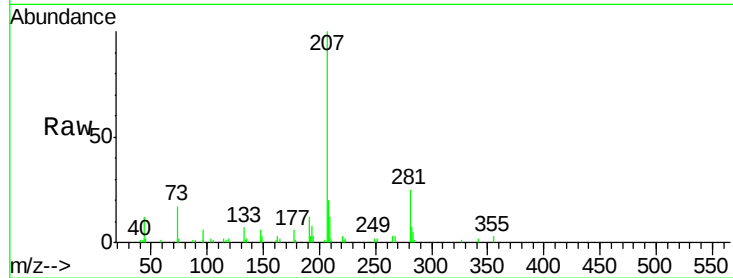
Tgt Ion:149 Resp: 820

Ion Ratio Lower Upper

149 100

167 0.0 23.8 35.6#

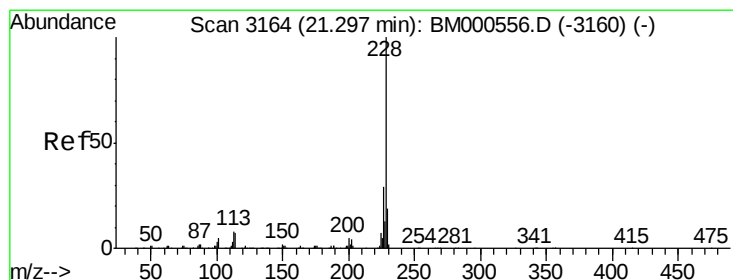
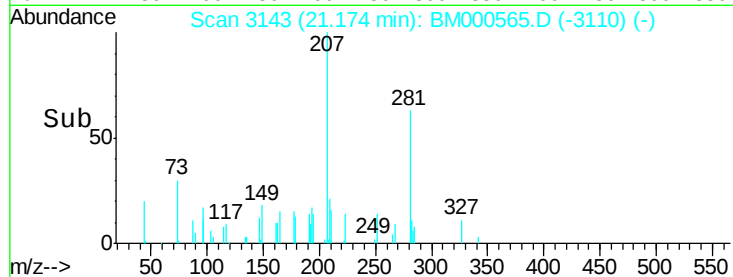
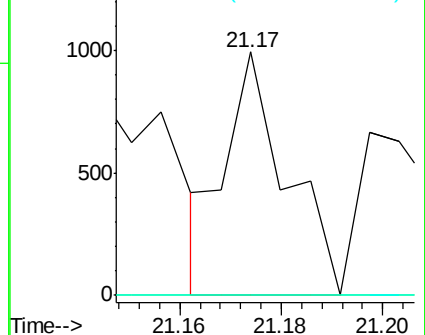
279 0.0 3.4 5.2#



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



#82

Chrysene

Concen: 0.04 ng/ul

RT: 21.26 min Scan# 3158

Delta R.T. -0.04 min

Lab File: BM000565.D

Acq: 20 Feb 2015 17:55

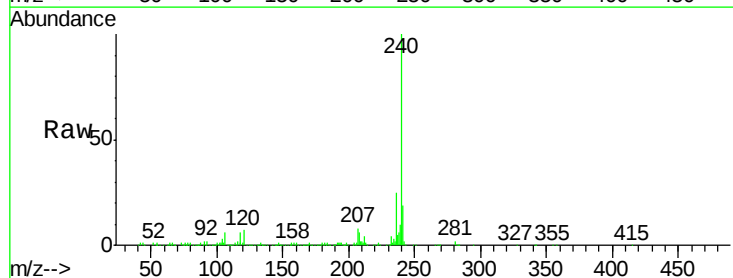
Tgt Ion:228 Resp: 1282

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

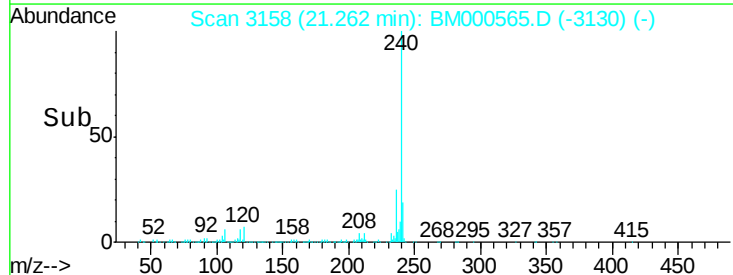
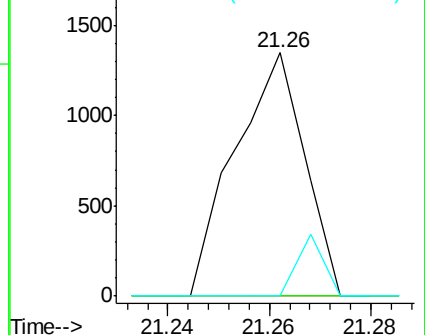
229 0.0 15.3 22.9#

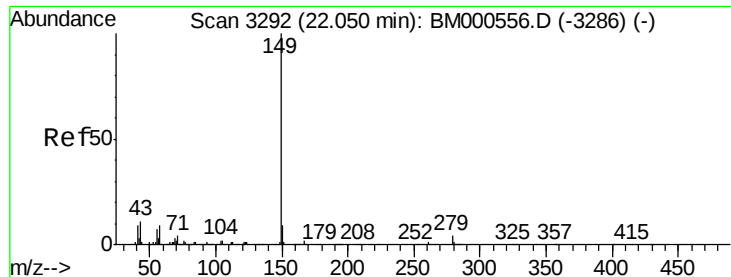


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 0.01 ng/ul

RT: 22.06 min Scan# 3293

Delta R.T. 0.01 min

Lab File: BM000565.D

Acq: 20 Feb 2015 17:55

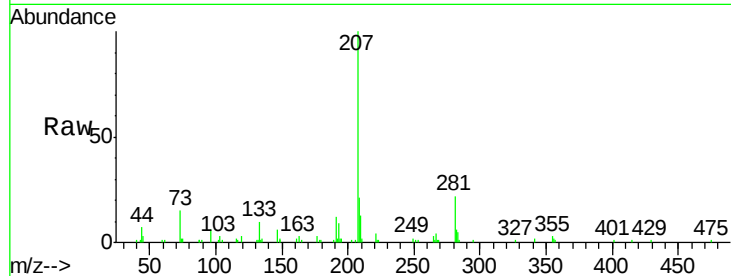
Instrument :

BNA_M

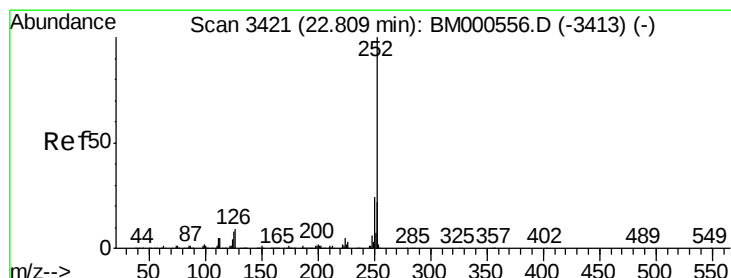
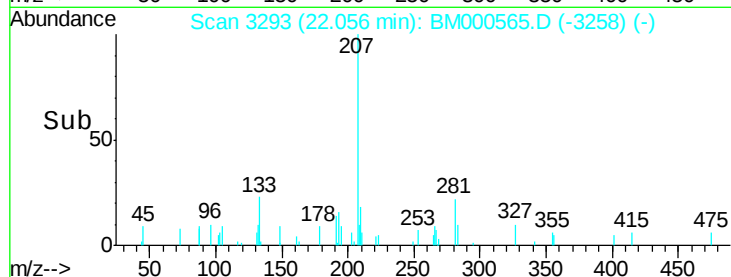
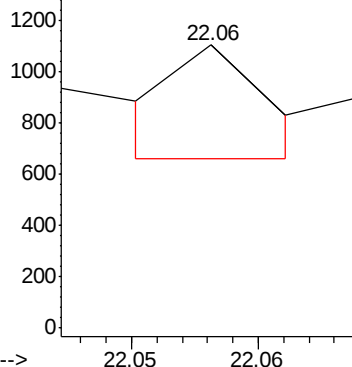
ClientSampleId :

MDL-06-W

Tgt Ion:149 Resp: 217



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.81 min Scan# 3422

Delta R.T. 0.01 min

Lab File: BM000565.D

Acq: 20 Feb 2015 17:55

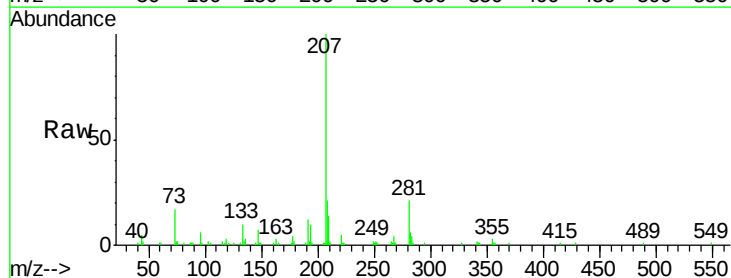
Tgt Ion:252 Resp: 127

Ion Ratio Lower Upper

252 100

253 115.8 17.4 26.0#

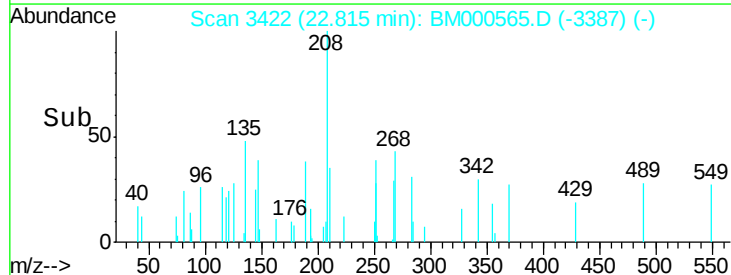
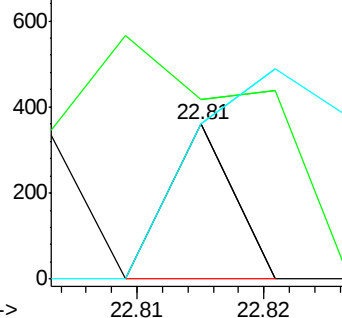
125 100.0 6.2 9.2#

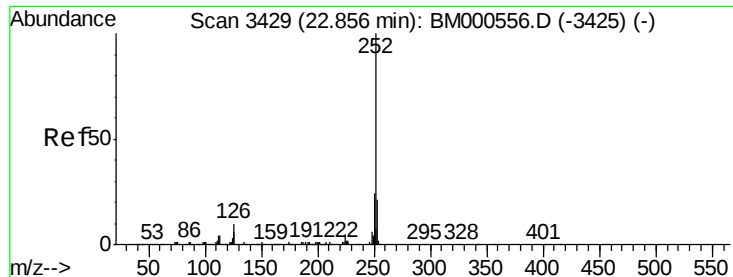


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

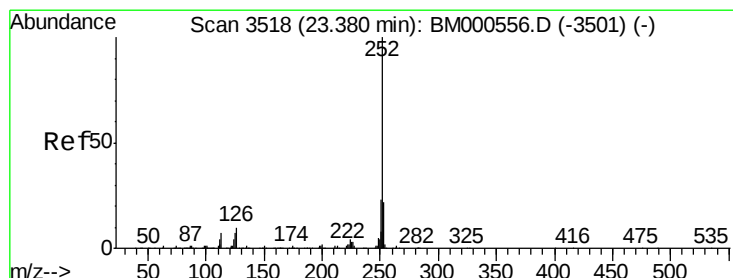
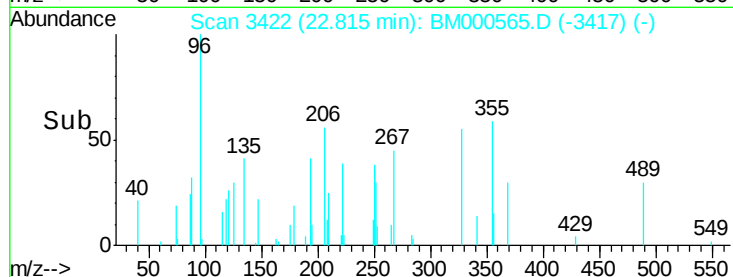
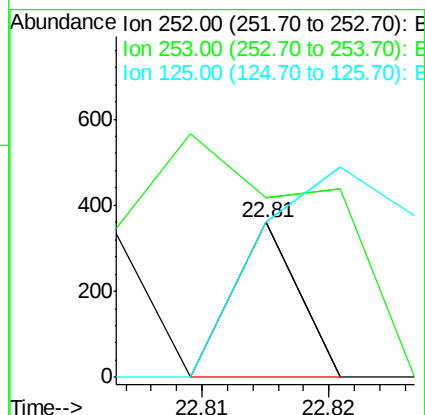
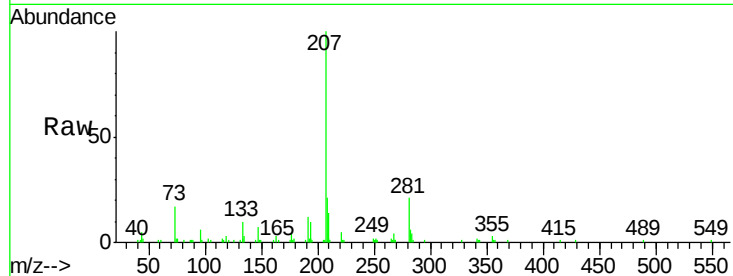




#86
Benzo(k)fluoranthene
Concen: 0.01 ng/ul
RT: 22.81 min Scan# 3422
Delta R.T. -0.04 min
Lab File: BM000565.D
Acq: 20 Feb 2015 17:55

Instrument :
BNA_M
ClientSampleId :
MDL-06-W

Tgt Ion:252 Resp: 127
Ion Ratio Lower Upper
252 100
253 115.8 17.1 25.7#
125 100.0 5.3 7.9#



#88
Benzo(a)pyrene
Concen: 0.13 ng/ul
RT: 23.34 min Scan# 3511
Delta R.T. -0.04 min
Lab File: BM000565.D
Acq: 20 Feb 2015 17:55

Tgt Ion:252 Resp: 3198
Ion Ratio Lower Upper
252 100
253 49.5 17.5 26.3#
125 37.5 5.4 8.0#

