

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010215\
 Data File : BM000106.D
 Acq On : 02 Jan 2015 10:16
 Operator : TP/IZ
 Sample : BLK-S-MDL-ML
 Misc : MDL-SOIL-BLK-ML
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Quant Time: Jan 03 04:38:41 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 31 02:57:11 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	325926	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1387775	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	992537	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	1951220	20.00	ng/ul	-0.01
75) Chrysene-d12	21.40	240	1661673	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	1443676	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	38464	6.84	ng/uL	-0.01
5) Phenol-d5	7.00	99	1082418	38.34	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	601039	34.82	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	771419	38.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	830709	37.24	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	364908	38.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	390266	39.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	795370	36.60	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.77	131	1001945	40.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2605721	35.60	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2995486	34.16	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	372803	31.53	ng/ul	0.00
57) Fluorene-d10	15.47	176	2107654	33.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	168943	17.46	ng/ul	0.00
70) Anthracene-d10	17.32	188	3177566	35.22	ng/ul	0.00
76) Pyrene-d10	19.61	212	3160695	41.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	2337016	35.87	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	639	0.08	ng/uL#	16
4) Benzaldehyde	7.00	77	3035	0.17	ng/ul#	5
6) Phenol	7.02	94	968	0.03	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.26	93	3856	0.17	ng/ul#	82
12) 2,2'-oxybis(1-Chloropropan	8.37	45	644	0.02	ng/ul#	70
14) Acetophenone	8.66	105	728	0.02	ng/ul#	59
15) N-Nitroso-di-n-propylamine	8.54	70	26479	1.33	ng/ul#	1
16) 4-Methylphenol	8.61	108	770	0.03	ng/ul	87
20) Nitrobenzene	9.03	77	653	0.02	ng/ul#	46
21) Isophorone	9.57	82	918	0.02	ng/ul#	68
24) 2,4-Dimethylphenol	9.80	107	527	0.02	ng/ul#	20
25) Bis(2-Chloroethoxy)methane	10.05	93	519	0.02	ng/ul#	49
28) Naphthalene	10.68	128	859	0.01	ng/ul#	69
30) 4-Chloroaniline	10.78	127	3720	0.15	ng/ul#	2
34) 2-Methylnaphthalene	12.29	142	686	0.01	ng/ul#	66
40) 1,1'-Biphenyl	13.31	154	937	0.01	ng/ul#	45
41) 2-Chloronaphthalene	13.34	162	664	0.01	ng/ul#	36
44) Dimethylphthalate	13.92	163	1080	0.01	ng/ul#	76
47) Acenaphthylene	14.20	152	1666	0.02	ng/ul#	53
49) Acenaphthene	14.54	153	1238	0.02	ng/ul#	90
52) 4-Nitrophenol	14.68	109	1385	0.09	ng/ul#	1
53) Dibenzofuran	14.87	168	1125	0.01	ng/ul#	34
56) Diethylphthalate	15.29	149	1502	0.02	ng/ul#	59

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010215\
 Data File : BM000106.D
 Acq On : 02 Jan 2015 10:16
 Operator : TP/IZ
 Sample : BLK-S-MDL-ML
 Misc : MDL-SOIL-BLK-ML
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Quant Time: Jan 03 04:38:41 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 31 02:57:11 2014
 Response via : Initial Calibration

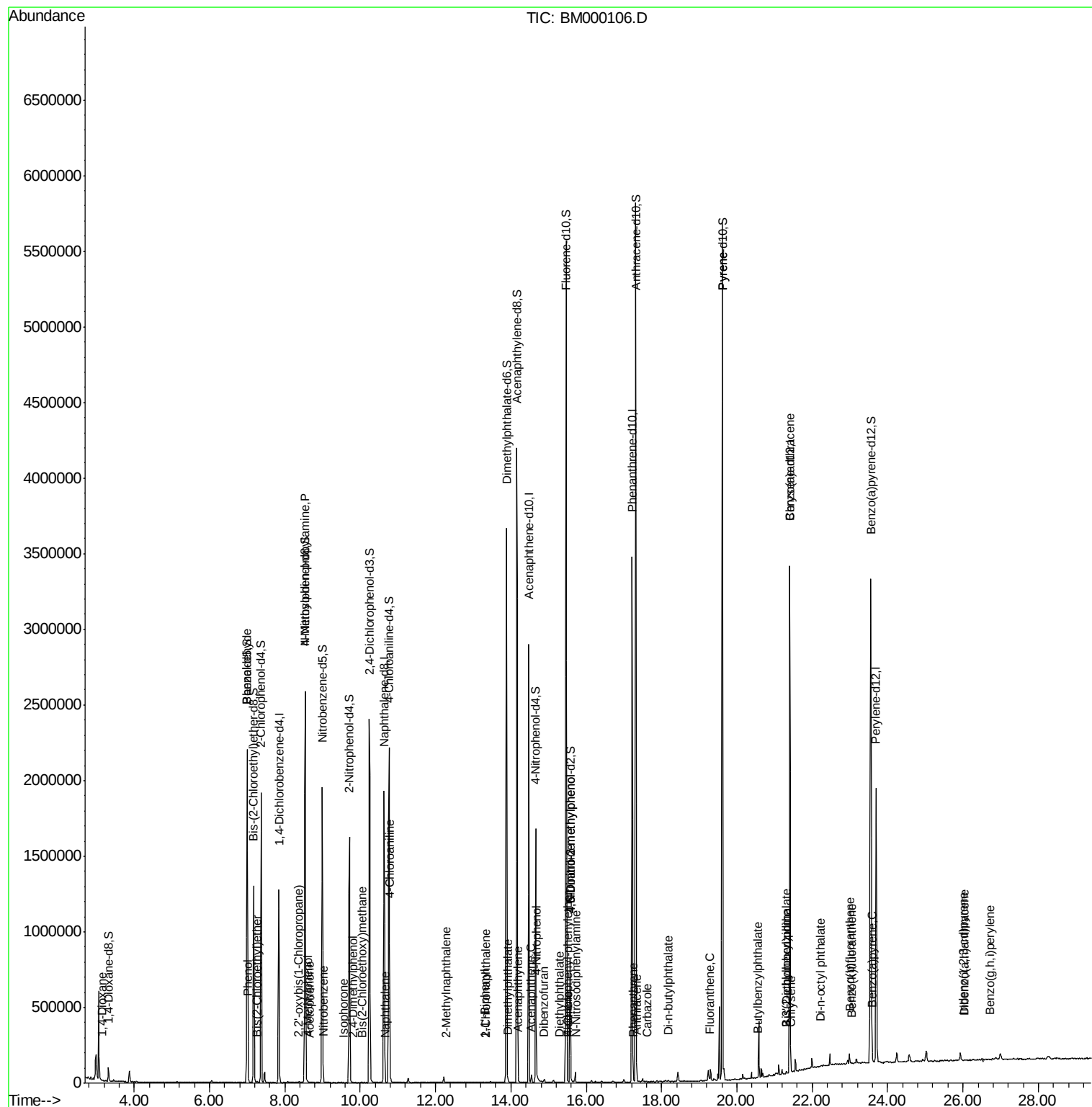
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	15.52	166	1070	0.02	ng/ul#	94
59) 4-Chlorophenyl-phenylether	15.51	204	658	0.02	ng/ul#	60
60) 4-Nitroaniline	15.58	138	826	0.05	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.58	198	600	0.06	ng/ul#	1
64) N-Nitrosodiphenylamine	15.73	169	831	0.01	ng/ul#	69
69) Phenanthrene	17.26	178	2103	0.02	ng/ul#	79
71) Anthracene	17.35	178	1784	0.02	ng/ul#	61
72) Carbazole	17.61	167	1142	0.01	ng/ul#	60
73) Di-n-butylphthalate	18.19	149	9864	0.08	ng/ul	98
74) Fluoranthene	19.27	202	1660	0.01	ng/ul#	80
77) Pyrene	19.61	202	3871	0.04	ng/ul#	1
78) Butylbenzylphthalate	20.54	149	1119	0.03	ng/ul#	56
79) 3,3'-Dichlorobenzidine	21.32	252	1707	0.06	ng/ul#	95
80) Benzo(a)anthracene	21.40	228	5449	0.06	ng/ul#	74
81) Bis(2-ethylhexyl)phthalate	21.32	149	2083	0.04	ng/ul#	86
82) Chrysene	21.44	228	1529	0.02	ng/ul#	51
84) Di-n-octyl phthalate	22.21	149	3919	0.04	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	2423	0.03	ng/ul#	15
86) Benzo(k)fluoranthene	23.04	252	1454	0.02	ng/ul#	56
88) Benzo(a)pyrene	23.59	252	1839	0.02	ng/ul#	45
89) Indeno(1,2,3-cd)pyrene	26.02	276	1841	0.02	ng/ul#	55
90) Dibenzo(a,h)anthracene	26.03	278	1433	0.02	ng/ul#	57
91) Benzo(g,h,i)perylene	26.72	276	990	0.01	ng/ul#	56

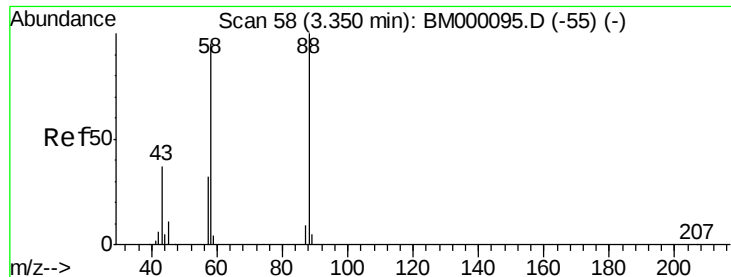
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010215\
Data File : BM000106.D
Acq On : 02 Jan 2015 10:16
Operator : TP/IZ
Sample : BLK-S-MDL-ML
Misc : MDL-SOIL-BLK-ML
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Quant Time: Jan 03 04:38:41 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 02:57:11 2014
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.08 ng/uL

RT: 3.16 min Scan# 41

Delta R.T. -0.21 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampleId :

MDL-04-S-ML

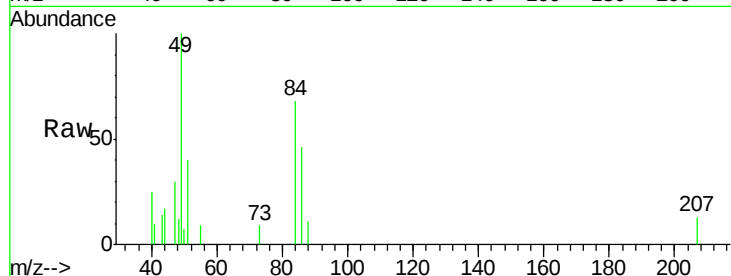
Tgt Ion: 88 Resp: 639

Ion Ratio Lower Upper

88 100

43 0.0 34.9 52.3#

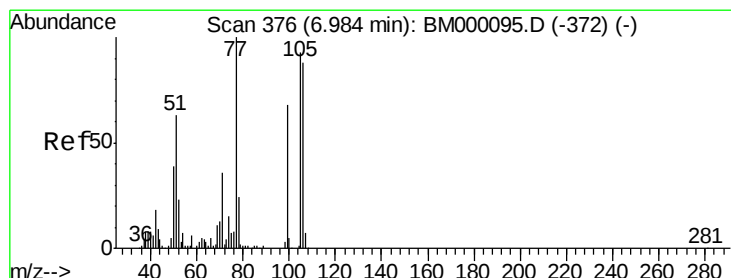
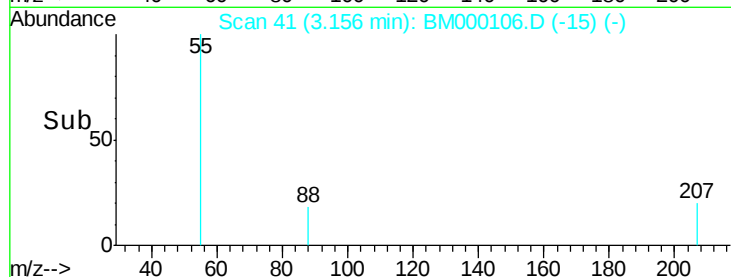
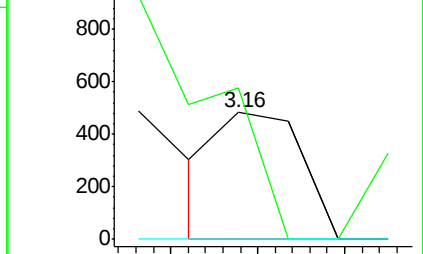
58 0.0 67.3 100.9#



Abundance Ion 88.00 (87.70 to 88.70): BM000106.D (-15) (-)

Ion 43.00 (42.70 to 43.70): BM000106.D (-15) (-)

Ion 58.00 (57.70 to 58.70): BM000106.D (-15) (-)



#4

Benzaldehyde

Concen: 0.17 ng/uL

RT: 7.00 min Scan# 377

Delta R.T. 0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

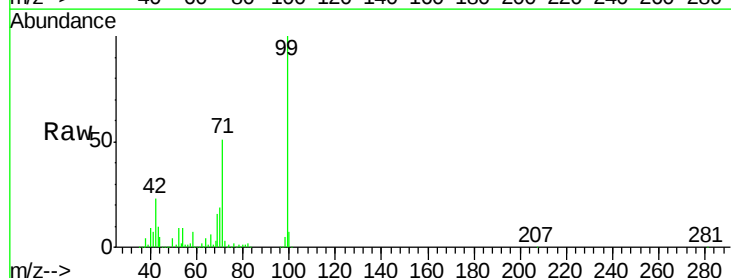
Tgt Ion: 77 Resp: 3035

Ion Ratio Lower Upper

77 100

105 0.0 73.5 110.3#

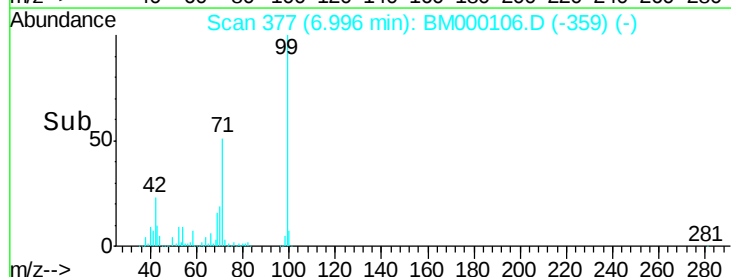
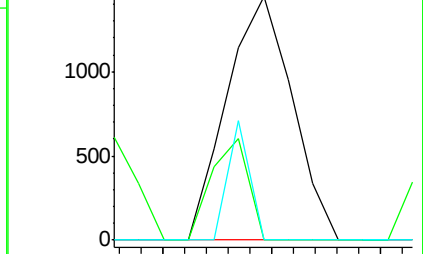
106 0.0 67.9 101.9#

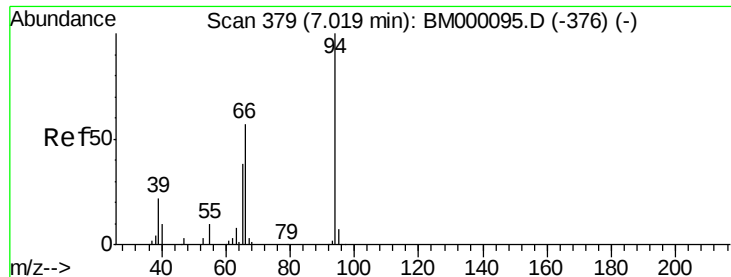


Abundance Ion 77.00 (76.70 to 77.70): BM000106.D (-359) (-)

Ion 105.00 (104.70 to 105.70): BM000106.D (-359) (-)

Ion 106.00 (105.70 to 106.70): BM000106.D (-359) (-)





#6

Phenol

Concen: 0.03 ng/ul

RT: 7.02 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampled :

MDL-04-S-ML

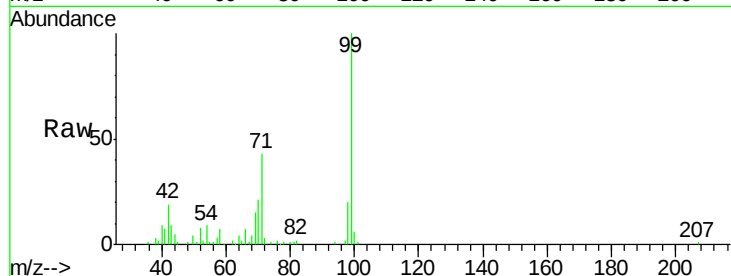
Tgt Ion: 94 Resp: 968

Ion Ratio Lower Upper

94 100

65 240.8 27.4 41.0#

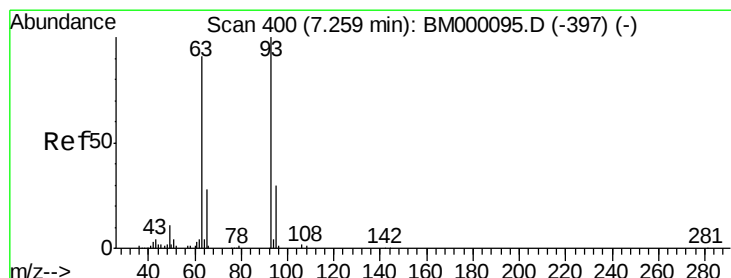
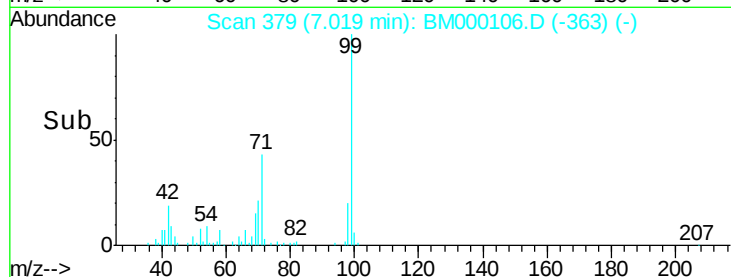
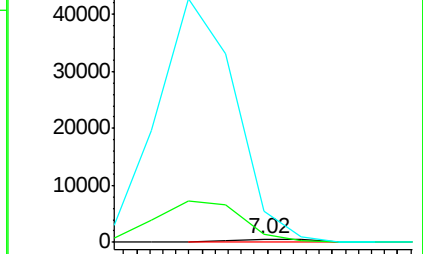
66 935.7 42.5 63.7#



Abundance Ion 94.00 (93.70 to 94.70): BM000095.D (-376) (-)

Ion 65.00 (64.70 to 65.70): BM000095.D (-376) (-)

Ion 66.00 (65.70 to 66.70): BM000095.D (-376) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 0.17 ng/ul

RT: 7.26 min Scan# 400

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

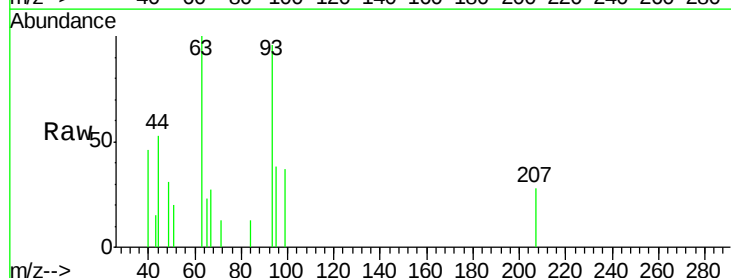
Tgt Ion: 93 Resp: 3856

Ion Ratio Lower Upper

93 100

63 104.0 68.9 103.3#

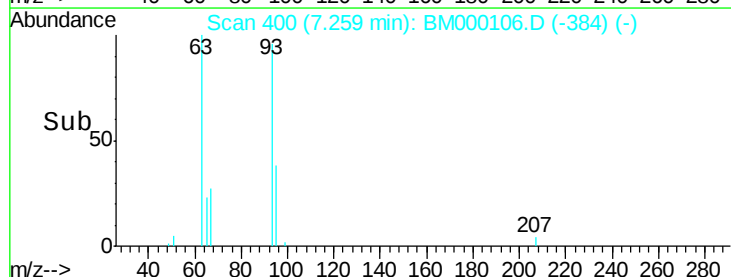
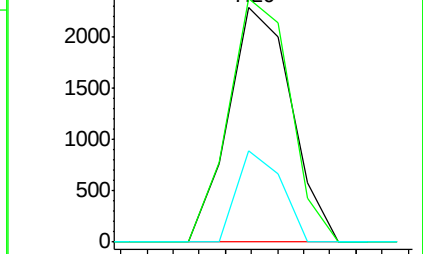
95 39.0 24.6 37.0#

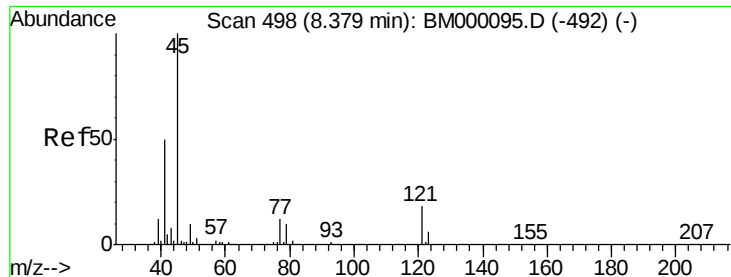


Abundance Ion 93.00 (92.70 to 93.70): BM000095.D (-397) (-)

Ion 63.00 (62.70 to 63.70): BM000095.D (-397) (-)

Ion 95.00 (94.70 to 95.70): BM000095.D (-397) (-)

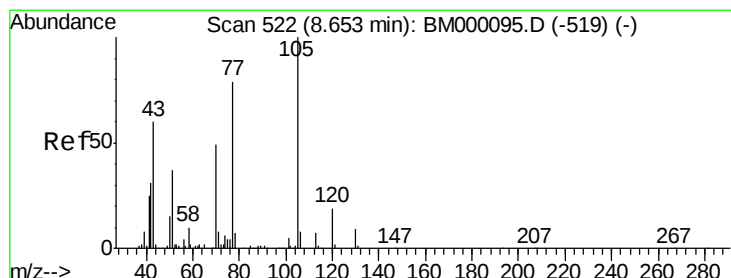
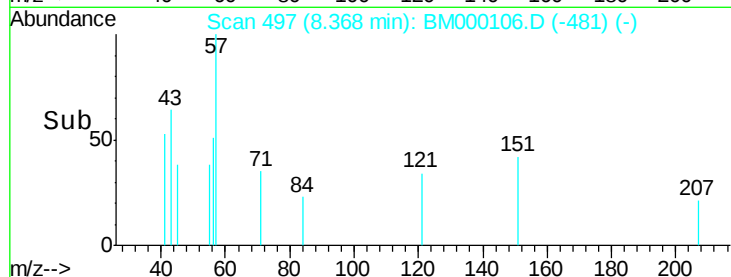
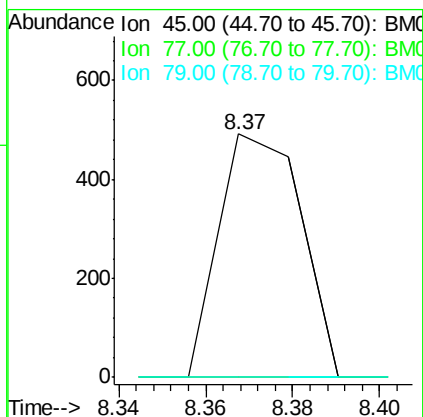
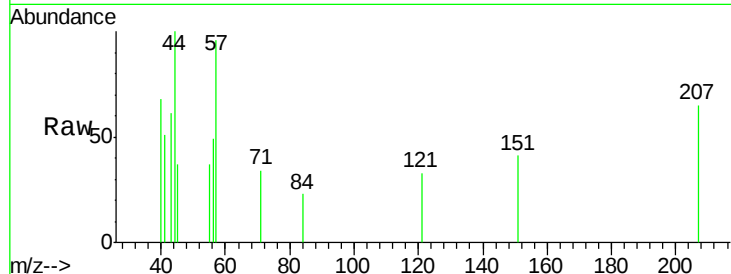




#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.02 ng/ul
RT: 8.37 min Scan# 497
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 10:16

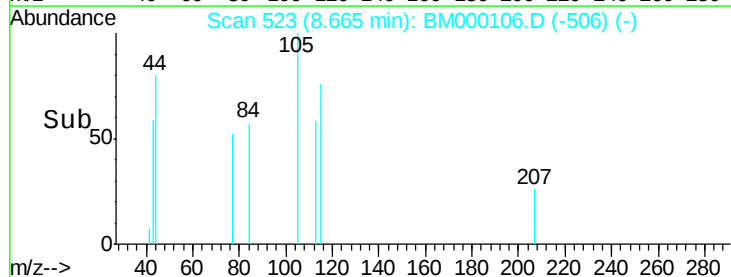
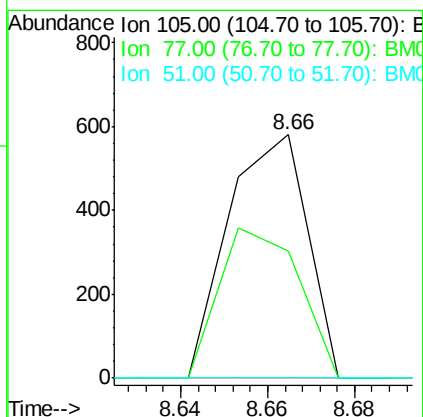
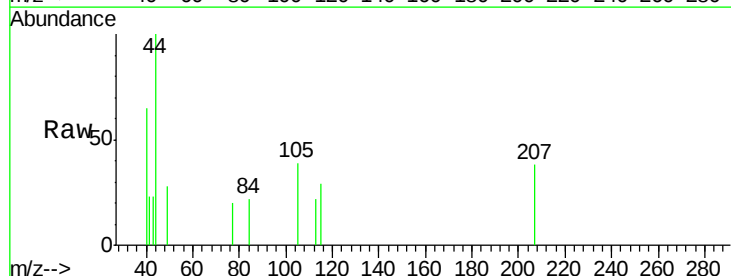
Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

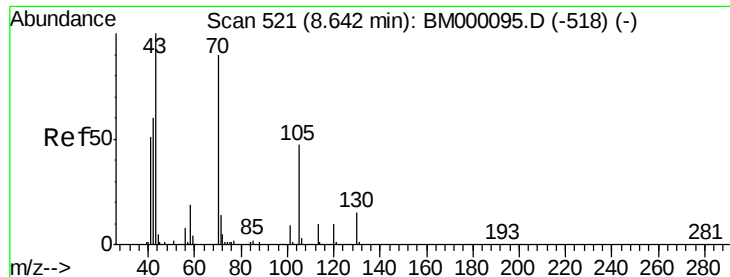
Tgt Ion: 45 Resp: 644
Ion Ratio Lower Upper
45 100
77 0.0 9.9 14.9#
79 0.0 8.3 12.5#



#14
Acetophenone
Concen: 0.02 ng/ul
RT: 8.66 min Scan# 523
Delta R.T. -0.00 min
Lab File: BM000106.D
Acq: 02 Jan 2015 10:16

Tgt Ion: 105 Resp: 728
Ion Ratio Lower Upper
105 100
77 52.3 66.3 99.5#
51 0.0 26.5 39.7#





#15

N-Nitroso-di-n-propylamine

Concen: 1.33 ng/ul

RT: 8.54 min Scan# 512

Delta R.T. -0.11 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampleId :

MDL-04-S-ML

Tgt Ion: 70 Resp: 26479

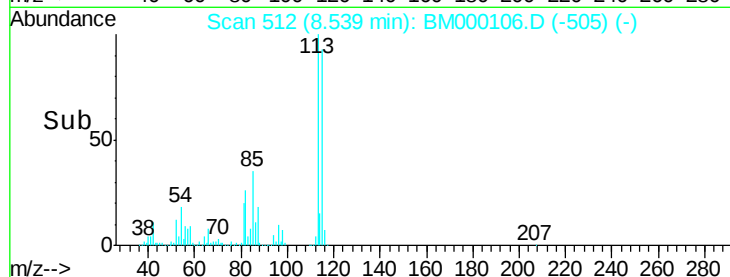
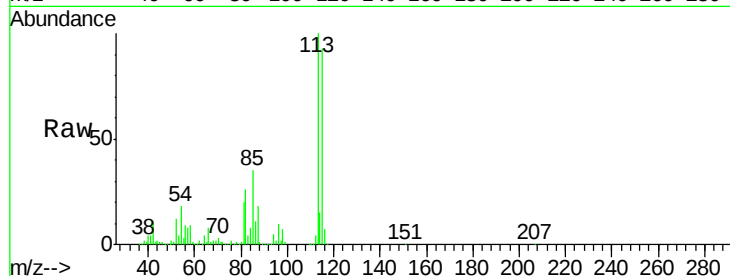
Ion Ratio Lower Upper

70 100

42 367.9 46.4 69.6#

101 0.0 7.8 11.8#

130 0.0 14.6 21.8#

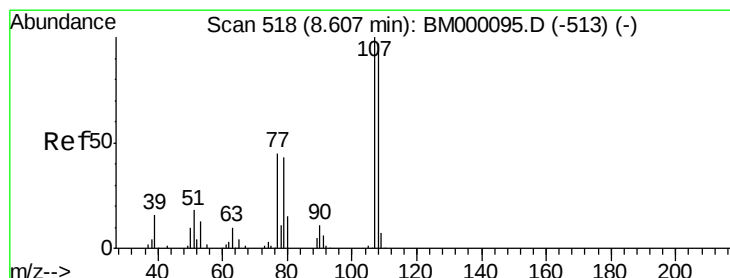
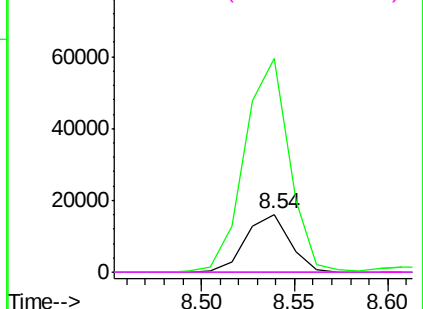


Abundance Ion 70.00 (69.70 to 70.70): BM0

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



#16

4-Methylphenol

Concen: 0.03 ng/ul

RT: 8.61 min Scan# 518

Delta R.T. -0.00 min

Lab File: BM000106.D

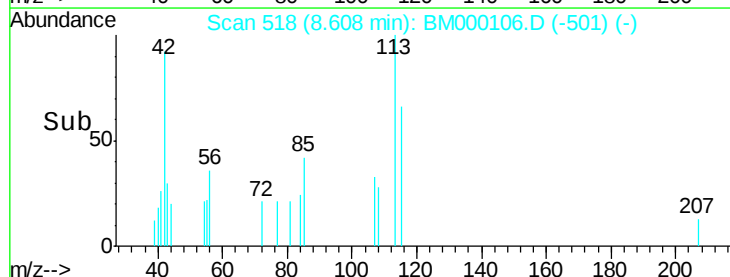
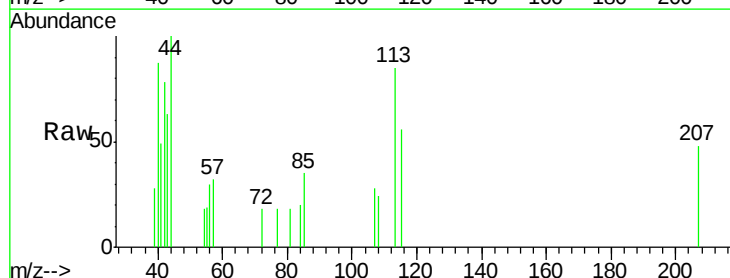
Acq: 02 Jan 2015 10:16

Tgt Ion: 108 Resp: 770

Ion Ratio Lower Upper

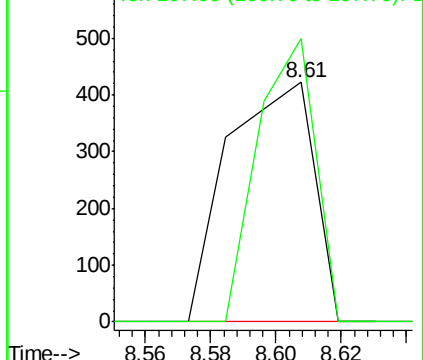
108 100

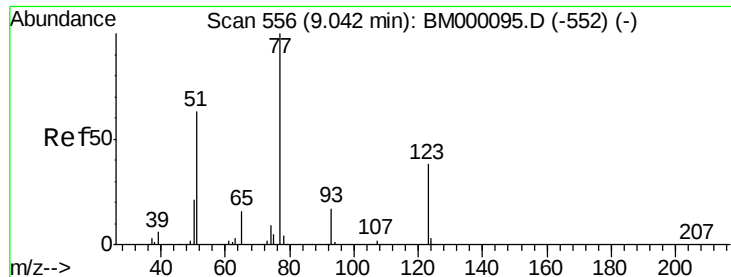
107 118.2 84.0 126.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

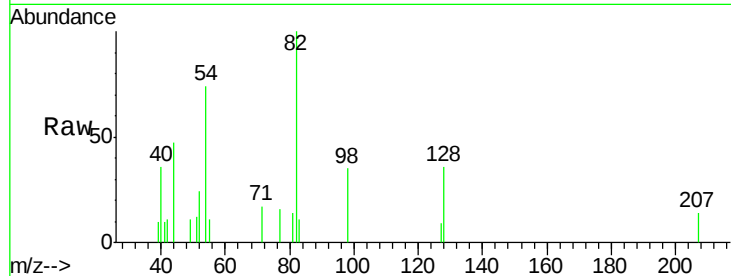




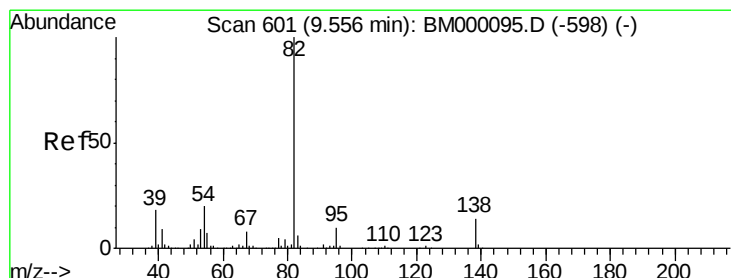
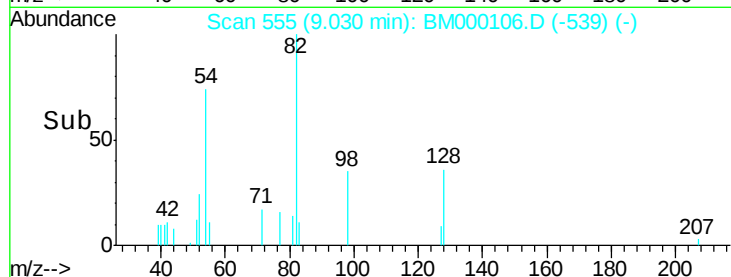
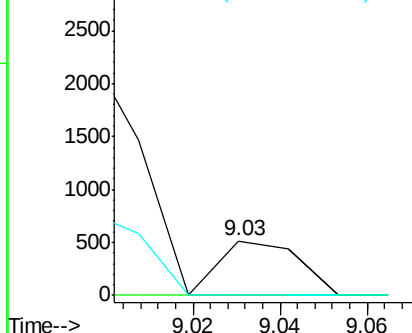
#20
Nitrobenzene
Concen: 0.02 ng/ul
RT: 9.03 min Scan# 555
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 10:16

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion: 77 Resp: 653
Ion Ratio Lower Upper
77 100
123 0.0 29.2 43.8#
65 0.0 12.4 18.6#

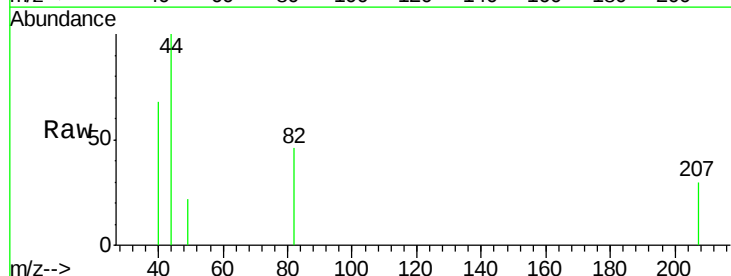


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BM0

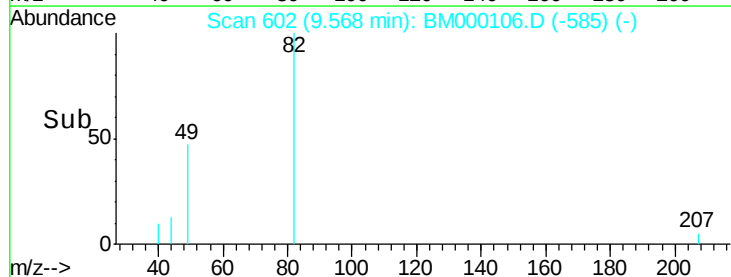
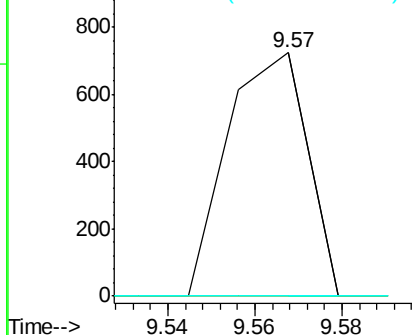


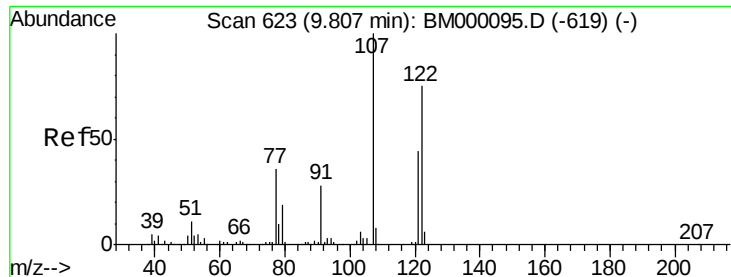
#21
Isophorone
Concen: 0.02 ng/ul
RT: 9.57 min Scan# 602
Delta R.T. -0.00 min
Lab File: BM000106.D
Acq: 02 Jan 2015 10:16

Tgt Ion: 82 Resp: 918
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 12.1 18.1#



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





#24

2,4-Dimethylphenol

Concen: 0.02 ng/ul

RT: 9.80 min Scan# 622

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampled :

MDL-04-S-ML

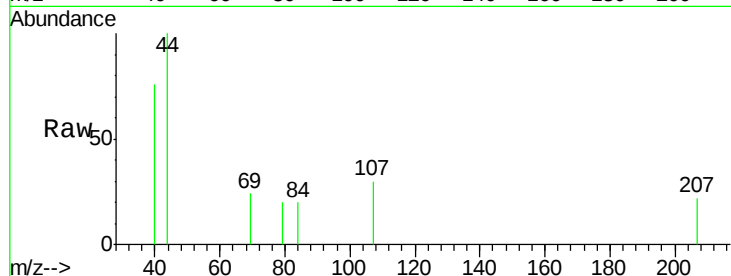
Tgt Ion: 107 Resp: 527

Ion Ratio Lower Upper

107 100

121 0.0 33.0 49.6#

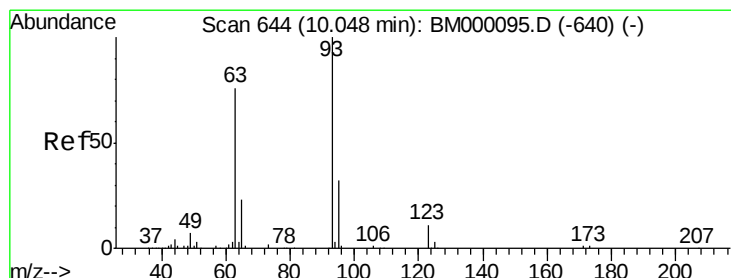
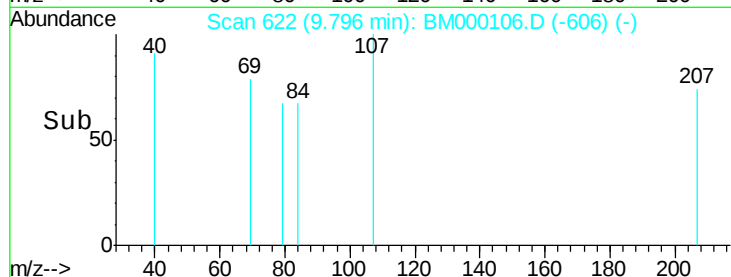
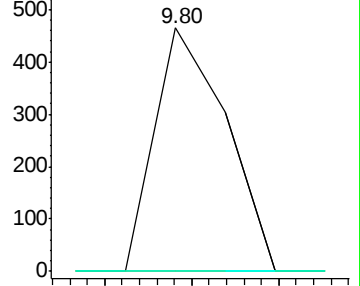
122 0.0 59.3 88.9#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 0.02 ng/ul

RT: 10.05 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

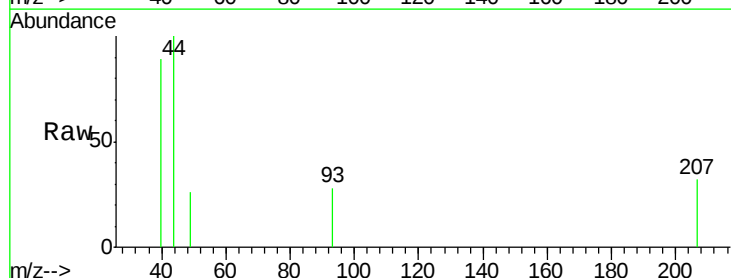
Tgt Ion: 93 Resp: 519

Ion Ratio Lower Upper

93 100

95 0.0 26.1 39.1#

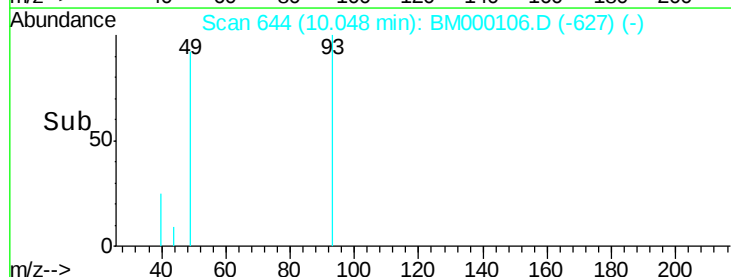
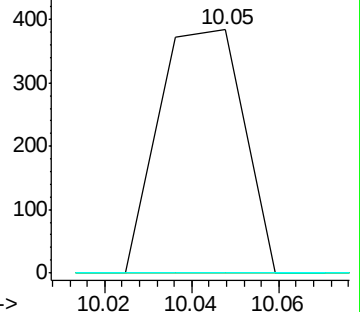
123 0.0 7.4 11.2#

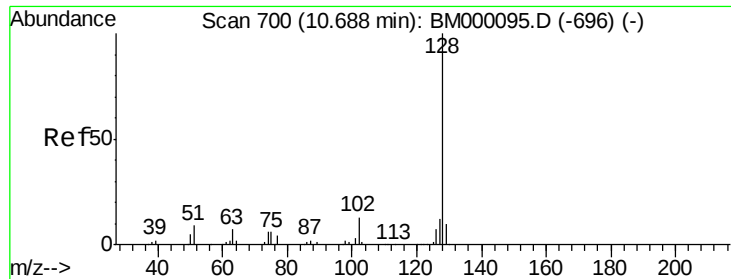


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

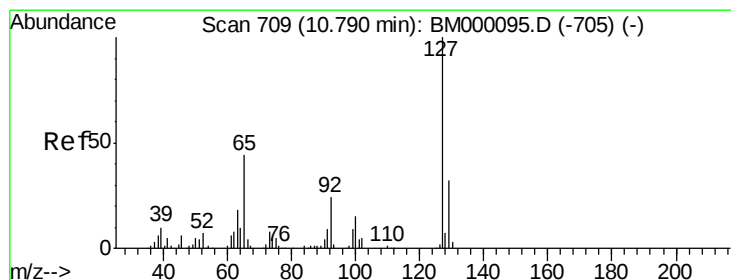
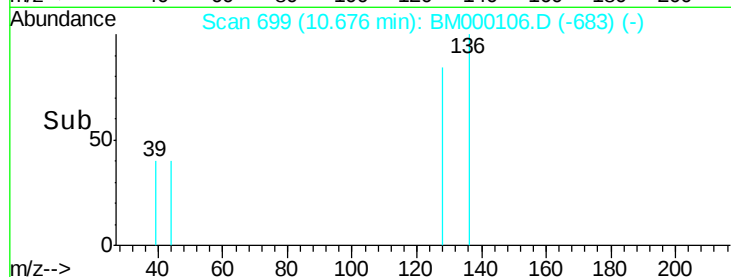
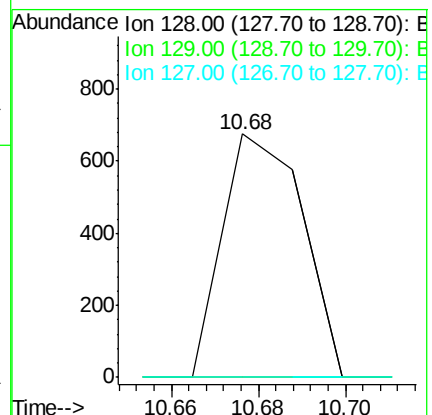
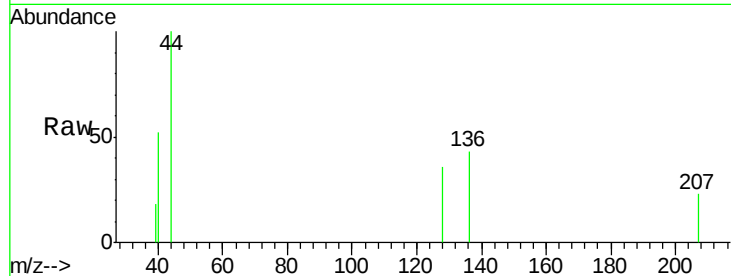




#28
Naphthalene
Concen: 0.01 ng/ul
RT: 10.68 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 10:16

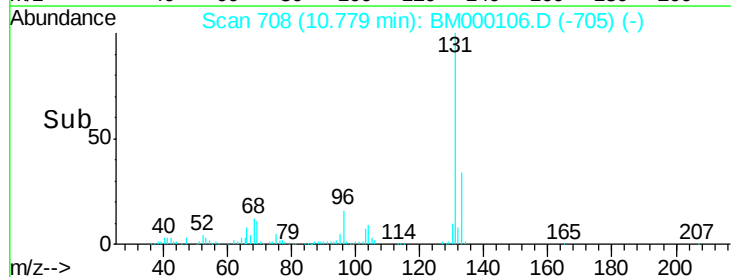
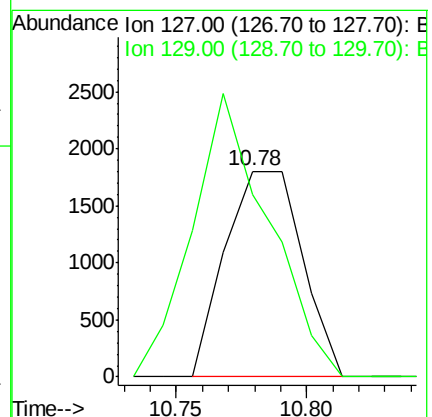
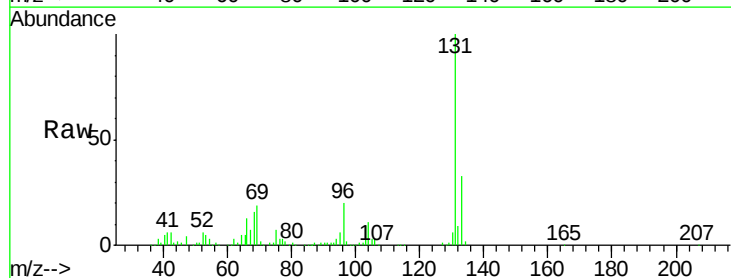
Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

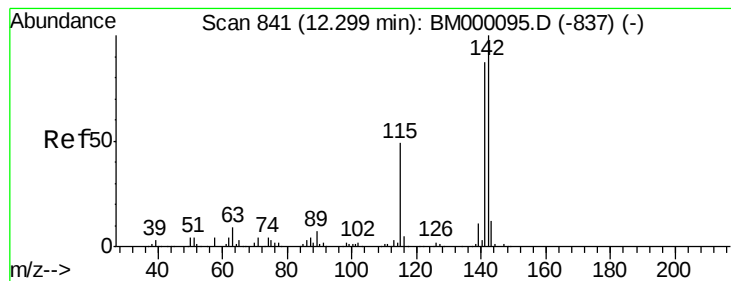
Tgt Ion:128 Resp: 859
Ion Ratio Lower Upper
128 100
129 0.0 8.6 13.0#
127 0.0 10.3 15.5#



#30
4-Chloroaniline
Concen: 0.15 ng/ul
RT: 10.78 min Scan# 708
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 10:16

Tgt Ion:127 Resp: 3720
Ion Ratio Lower Upper
127 100
129 88.3 26.5 39.7#





#34

2-Methylnaphthalene

Concen: 0.01 ng/ul

RT: 12.29 min Scan# 840

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampleId :

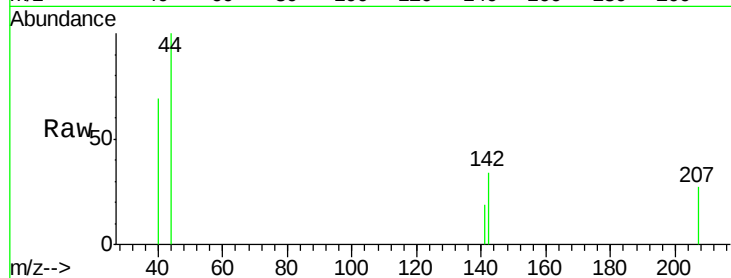
MDL-04-S-ML

Tgt Ion:142 Resp: 686

Ion Ratio Lower Upper

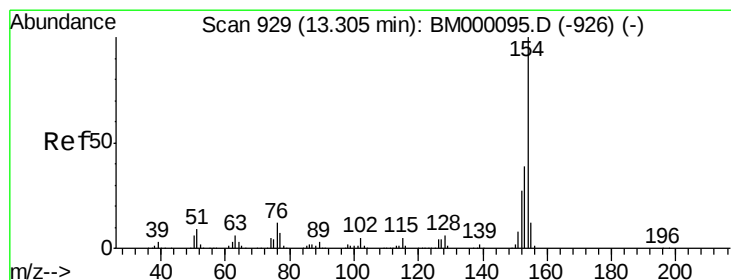
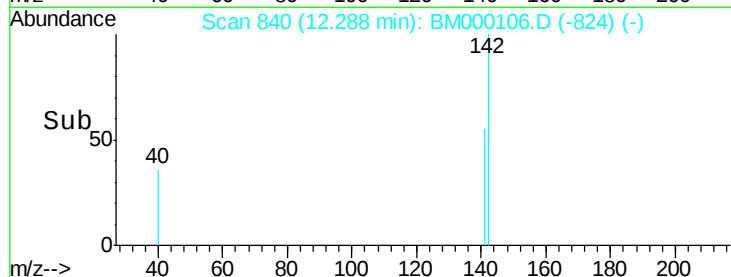
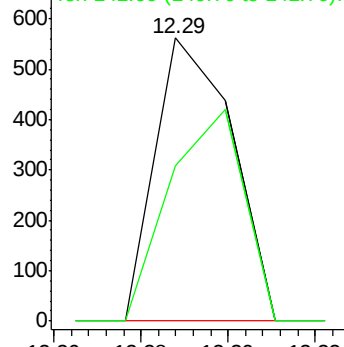
142 100

141 55.0 69.3 103.9#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#40

1,1'-Biphenyl

Concen: 0.01 ng/ul

RT: 13.31 min Scan# 929

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

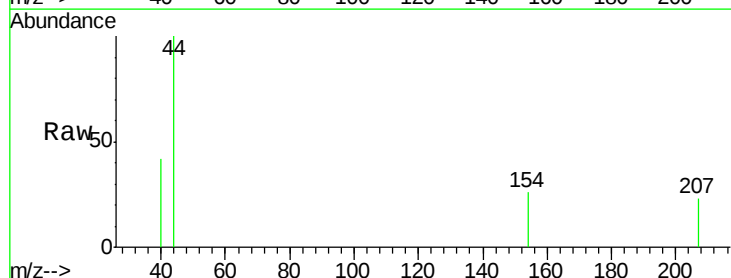
Tgt Ion:154 Resp: 937

Ion Ratio Lower Upper

154 100

153 0.0 30.5 45.7#

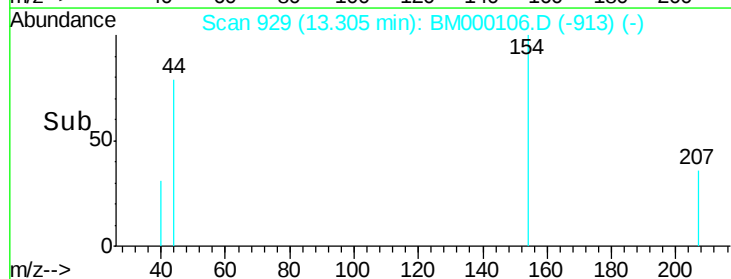
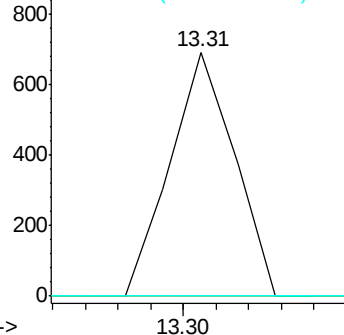
76 0.0 8.9 13.3#

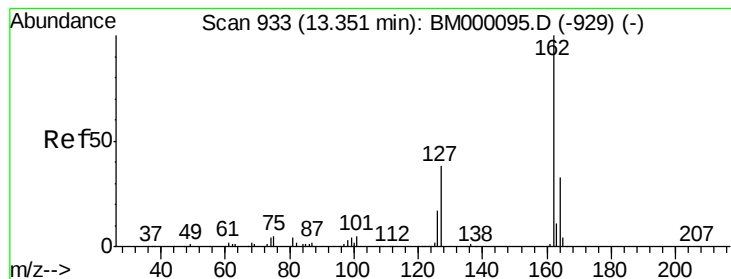


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





#41

2-Chloronaphthalene

Concen: 0.01 ng/ul

RT: 13.34 min Scan# 932

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampleId :

MDL-04-S-ML

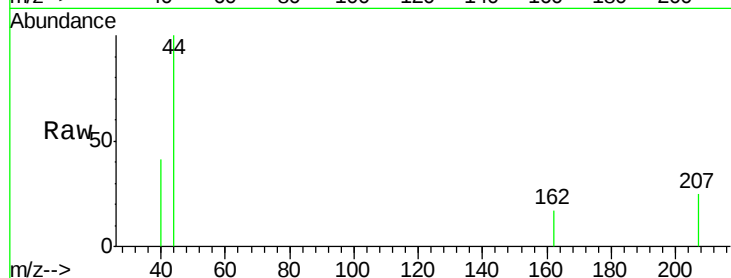
Tgt Ion:162 Resp: 664

Ion Ratio Lower Upper

162 100

164 0.0 25.8 38.6#

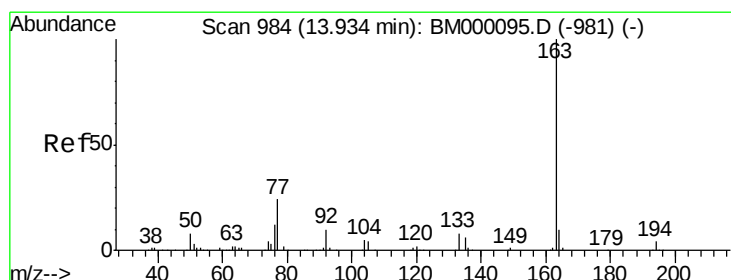
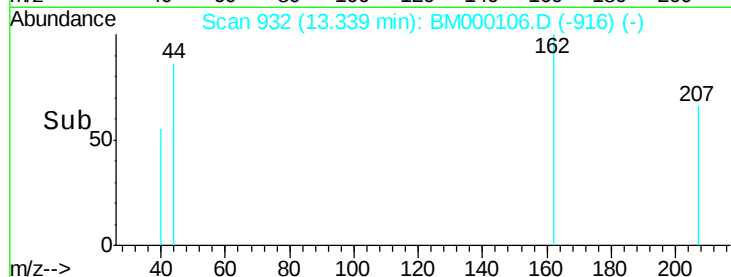
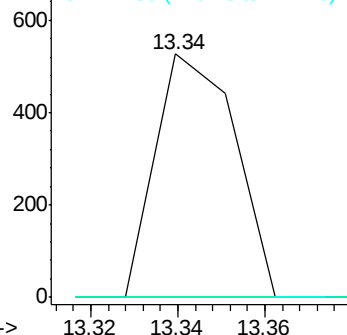
127 0.0 35.9 53.9#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#44

Dimethylphthalate

Concen: 0.01 ng/ul

RT: 13.92 min Scan# 983

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

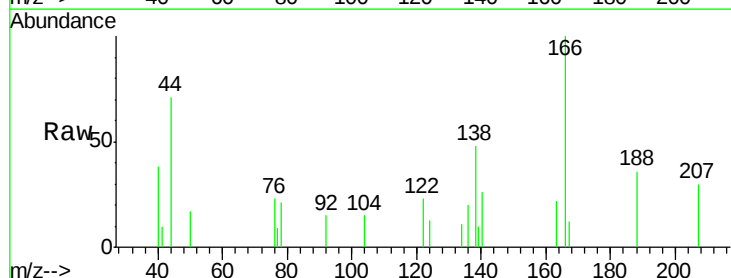
Tgt Ion:163 Resp: 1080

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

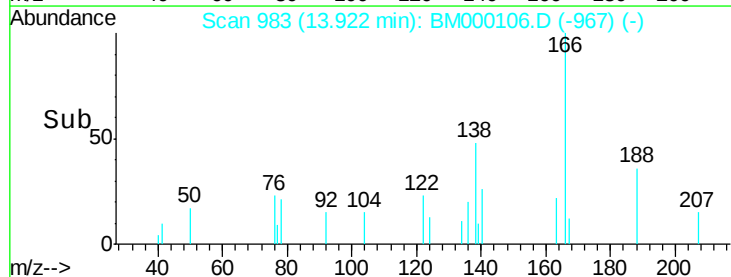
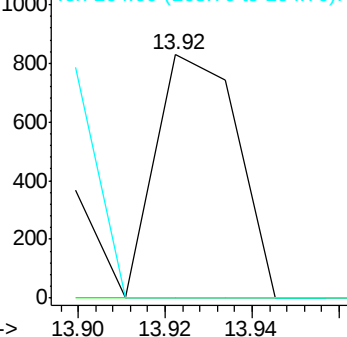
164 0.0 8.5 12.7#

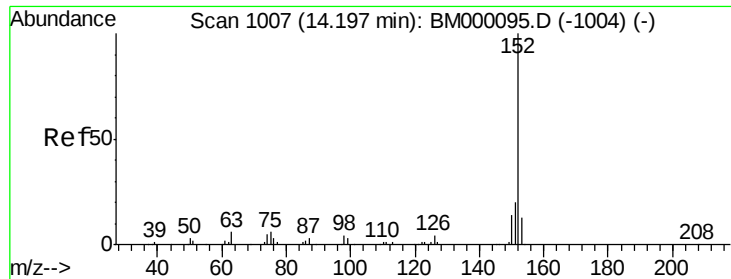


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.20 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampleId :

MDL-04-S-ML

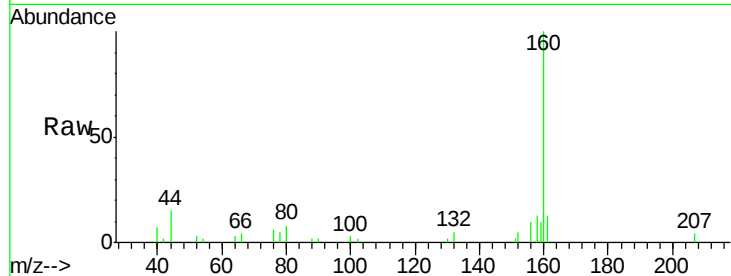
Tgt Ion:152 Resp: 1666

Ion Ratio Lower Upper

152 100

151 45.3 15.4 23.2#

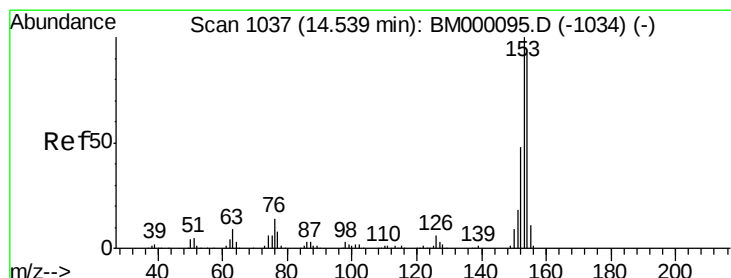
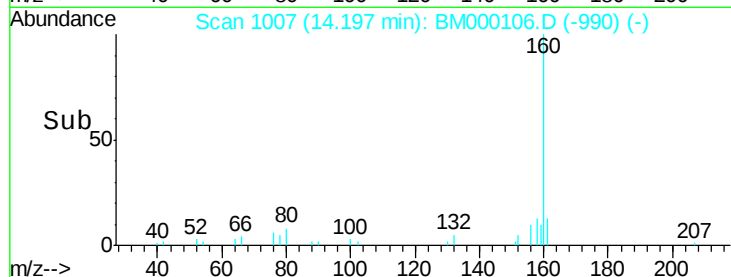
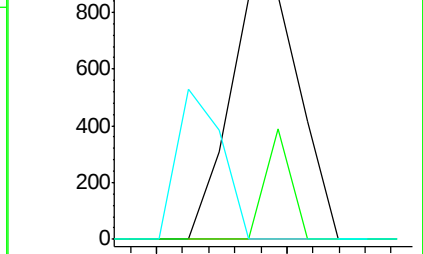
153 0.0 10.2 15.2#



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



#49

Acenaphthene

Concen: 0.02 ng/ul

RT: 14.54 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

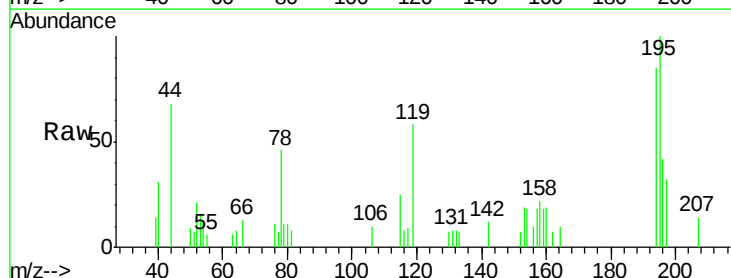
Tgt Ion:153 Resp: 1238

Ion Ratio Lower Upper

153 100

152 35.8 37.5 56.3#

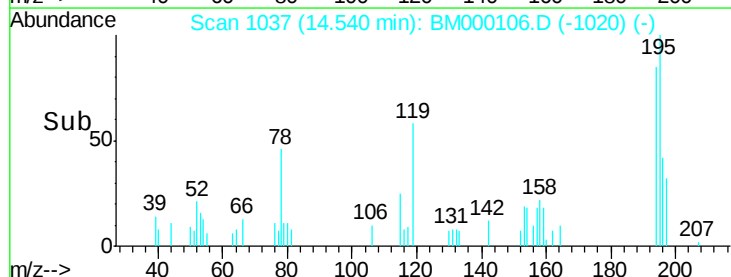
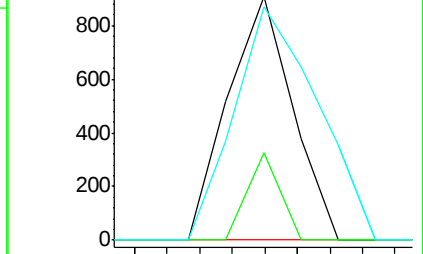
154 96.0 72.2 108.4

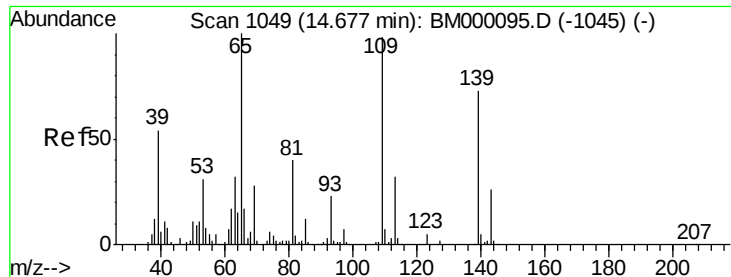


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 0.09 ng/ul

RT: 14.68 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampleId :

MDL-04-S-ML

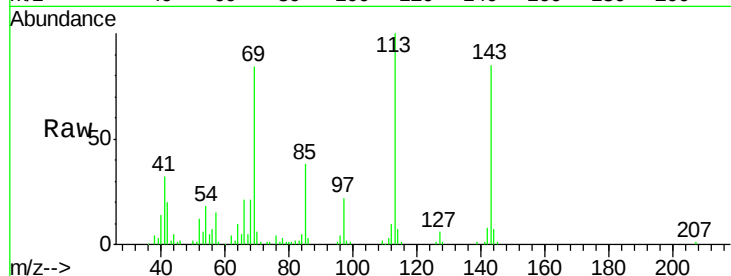
Tgt Ion:109 Resp: 1385

Ion Ratio Lower Upper

109 100

139 44.0 62.5 93.7#

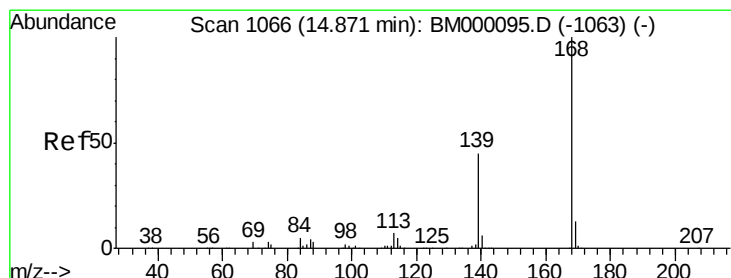
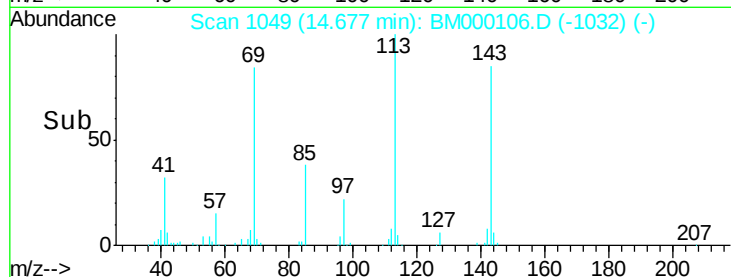
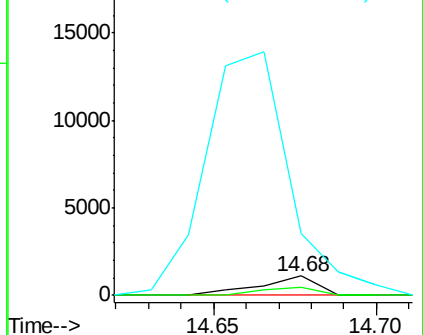
65 317.2 88.7 133.1#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 0.01 ng/ul

RT: 14.87 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BM000106.D

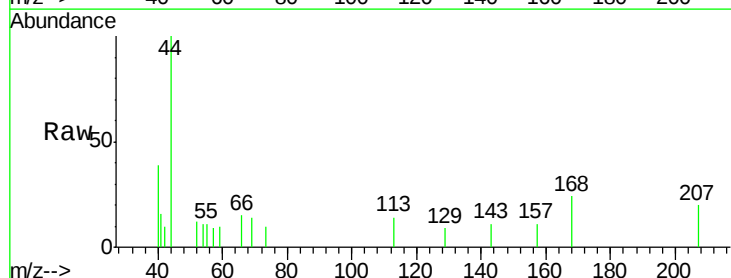
Acq: 02 Jan 2015 10:16

Tgt Ion:168 Resp: 1125

Ion Ratio Lower Upper

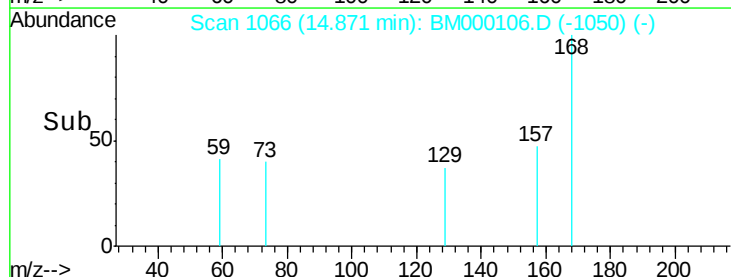
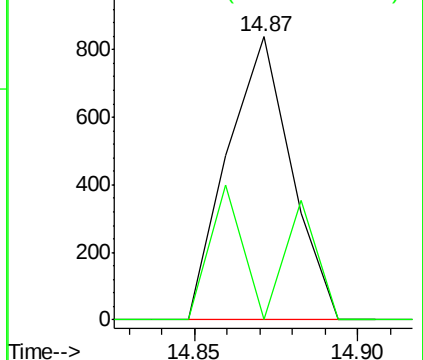
168 100

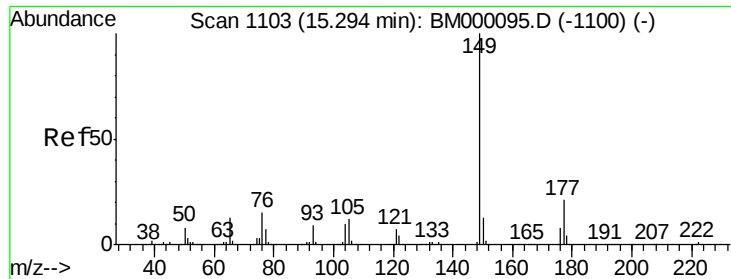
139 0.0 33.6 50.4#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

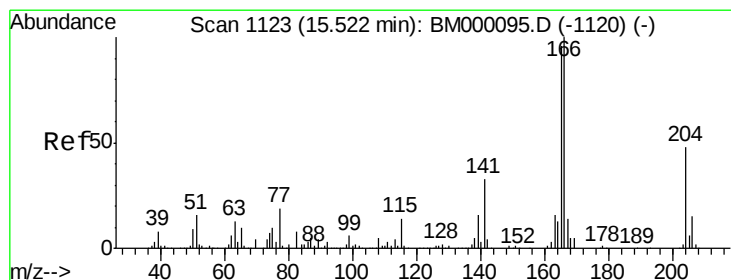
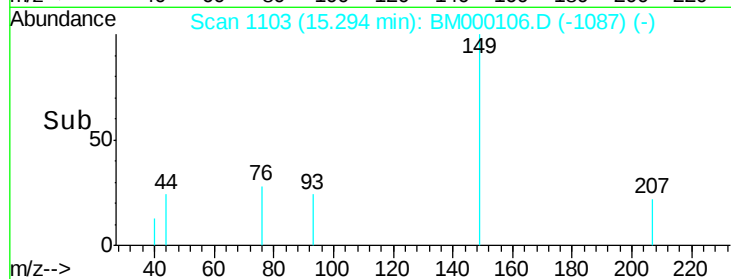
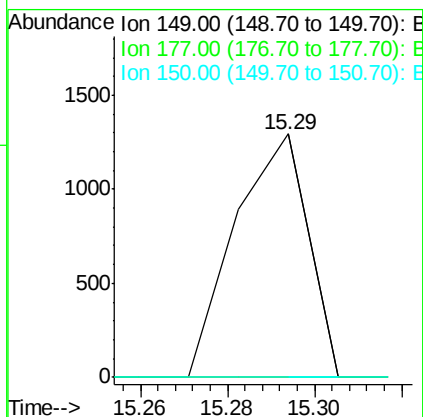
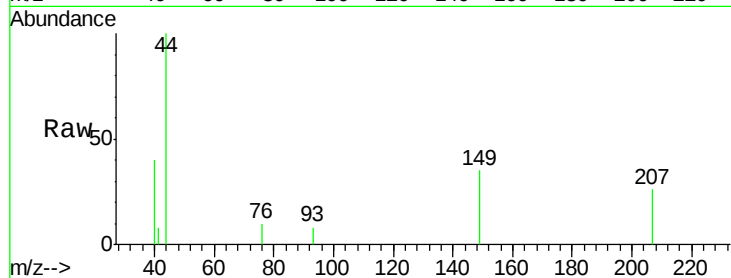




#56
Diethylphthalate
Concen: 0.02 ng/ul
RT: 15.29 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 10:16

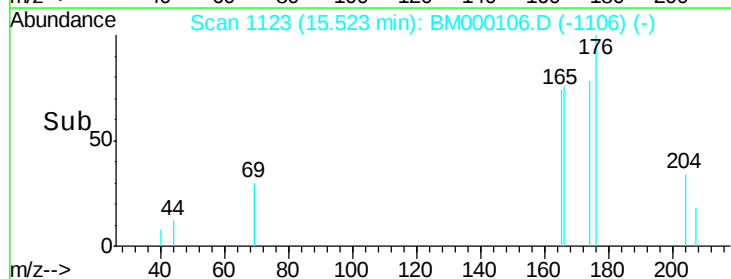
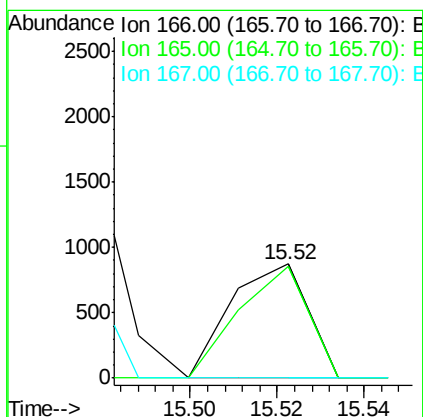
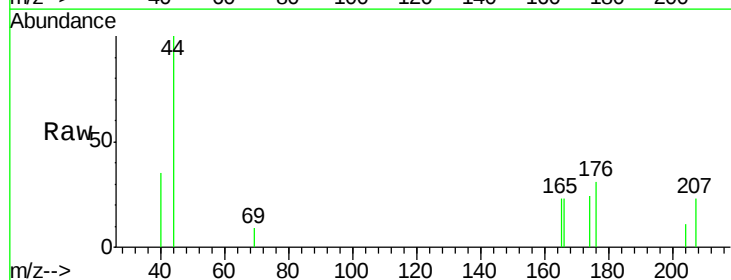
Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

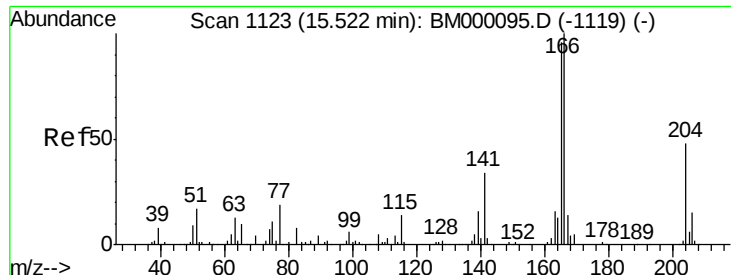
Tgt Ion:149 Resp: 1502
Ion Ratio Lower Upper
149 100
177 0.0 17.4 26.2#
150 0.0 10.5 15.7#



#58
Fluorene
Concen: 0.02 ng/ul
RT: 15.52 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BM000106.D
Acq: 02 Jan 2015 10:16

Tgt Ion:166 Resp: 1070
Ion Ratio Lower Upper
166 100
165 97.6 76.0 114.0
167 0.0 10.2 15.4#

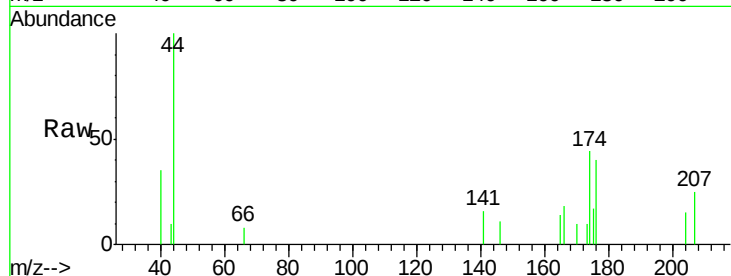




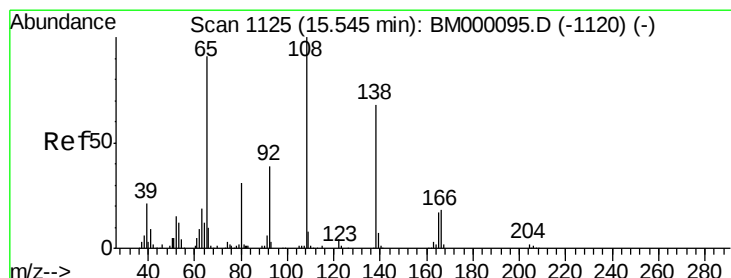
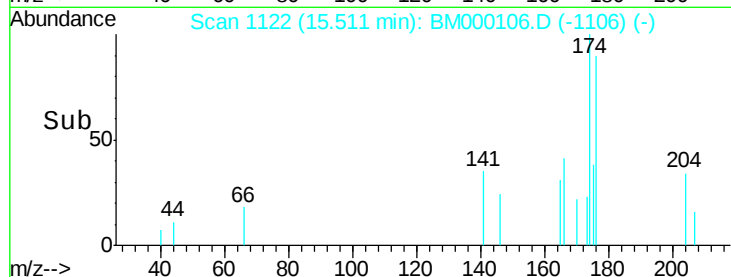
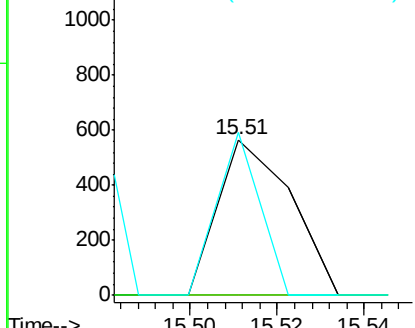
#59
4-Chlorophenyl-phenylether
Concen: 0.02 ng/ul
RT: 15.51 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BM000106.D
Acq: 02 Jan 2015 10:16

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Tgt Ion:204 Resp: 658
Ion Ratio Lower Upper
204 100
206 0.0 25.8 38.8#
141 104.4 61.3 91.9#

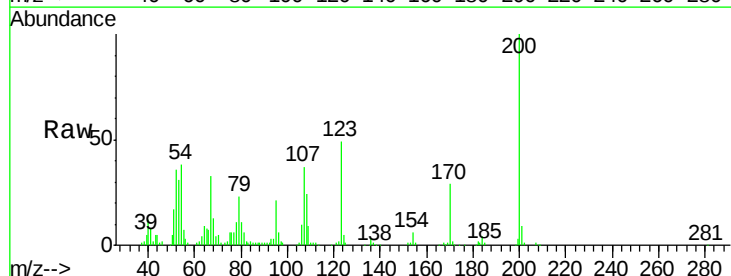


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

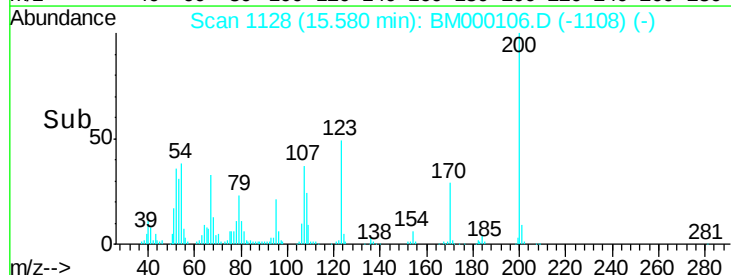
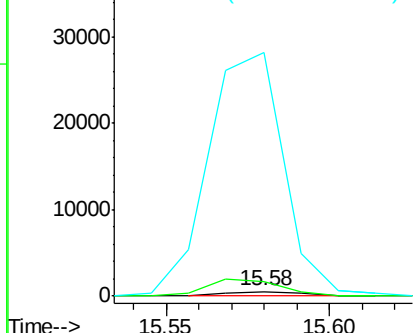


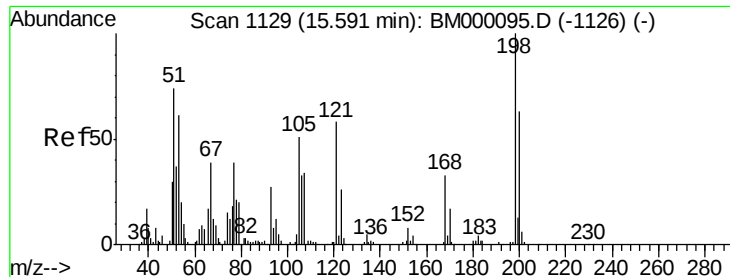
#60
4-Nitroaniline
Concen: 0.05 ng/ul
RT: 15.58 min Scan# 1128
Delta R.T. 0.03 min
Lab File: BM000106.D
Acq: 02 Jan 2015 10:16

Tgt Ion:138 Resp: 826
Ion Ratio Lower Upper
138 100
92 320.5 49.3 73.9#
108 5286.3 110.3 165.5#



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





#63

4,6-Dinitro-2-methylphenol

Concen: 0.06 ng/ul

RT: 15.58 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampleId :

MDL-04-S-ML

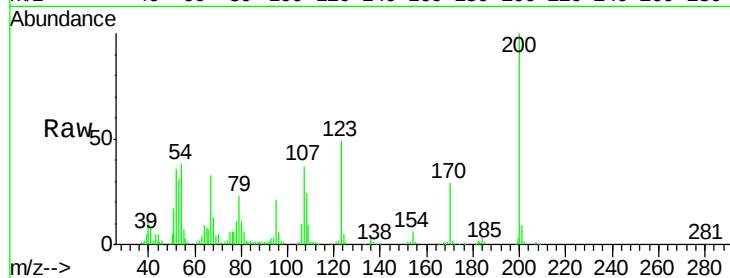
Tgt Ion:198 Resp: 600

Ion Ratio Lower Upper

198 100

182 444.0 2.6 4.0#

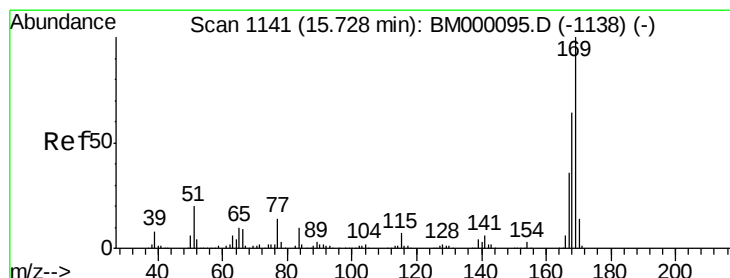
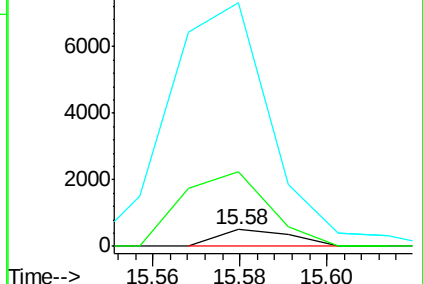
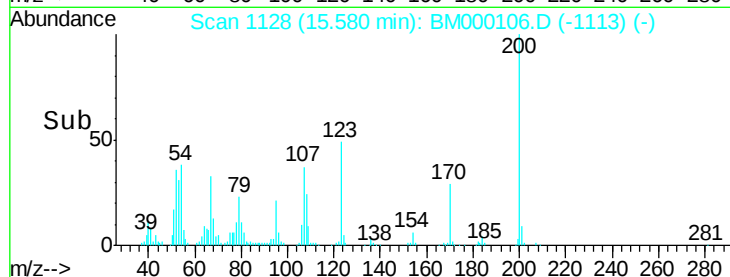
77 1457.0 25.2 37.8#



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): BM



#64

N-Nitrosodiphenylamine

Concen: 0.01 ng/ul

RT: 15.73 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

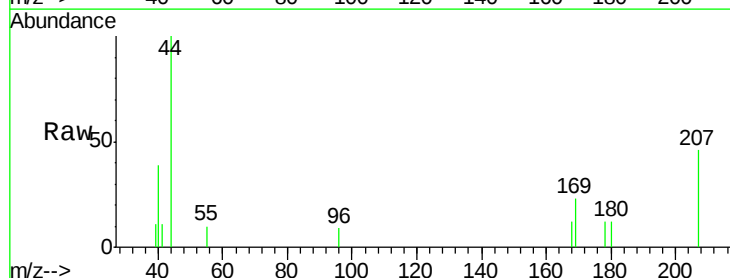
Tgt Ion:169 Resp: 831

Ion Ratio Lower Upper

169 100

168 53.0 51.8 77.6

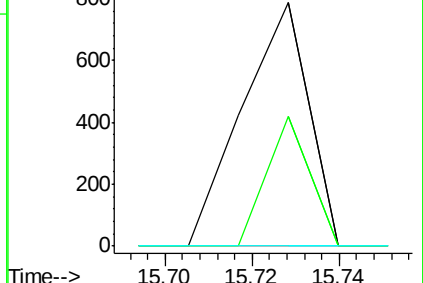
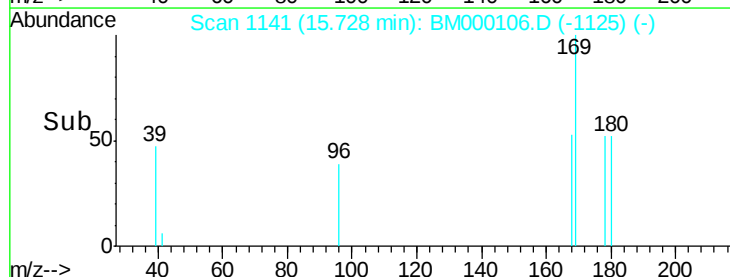
167 0.0 28.1 42.1#

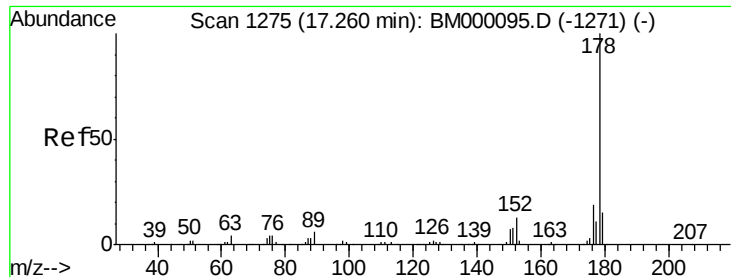


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 0.02 ng/ul

RT: 17.26 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampleId :

MDL-04-S-ML

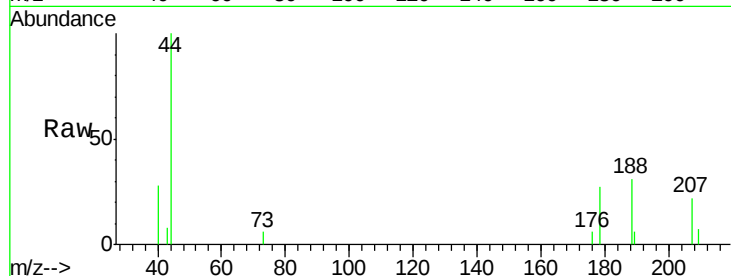
Tgt Ion:178 Resp: 2103

Ion Ratio Lower Upper

178 100

179 0.0 11.6 17.4#

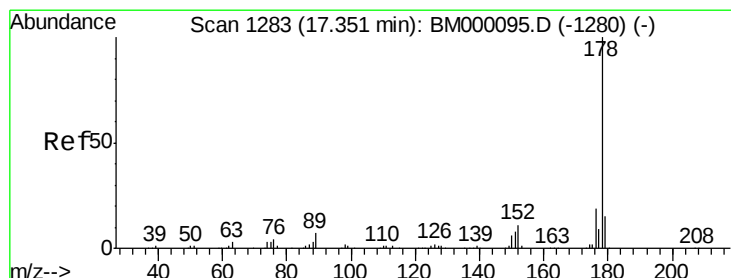
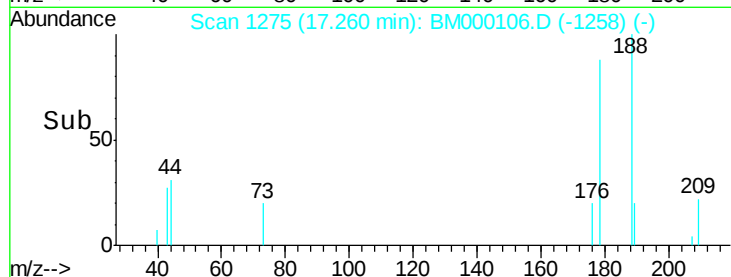
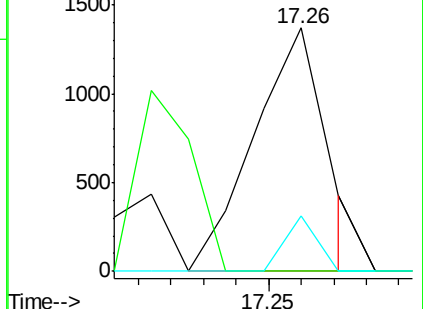
176 22.7 14.6 22.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 0.02 ng/ul

RT: 17.35 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

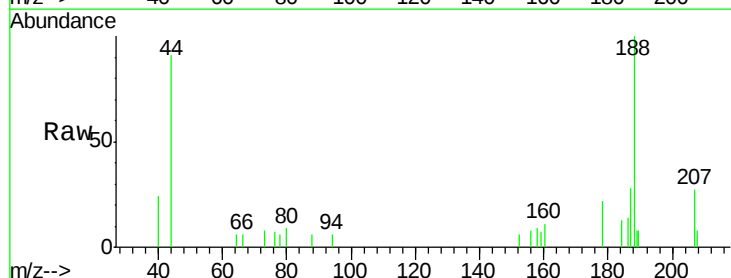
Tgt Ion:178 Resp: 1784

Ion Ratio Lower Upper

178 100

179 0.0 12.6 18.8#

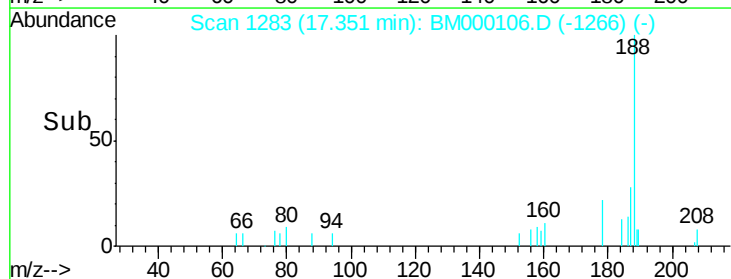
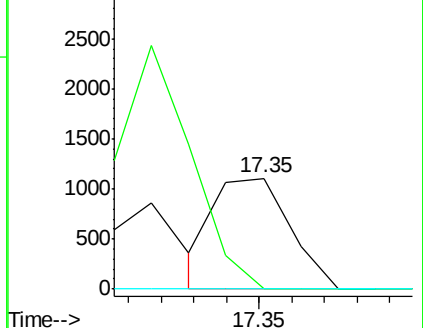
176 0.0 14.6 21.8#

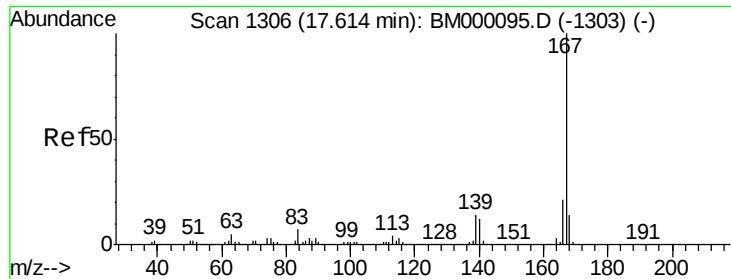


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 0.01 ng/ul

RT: 17.61 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampleId :

MDL-04-S-ML

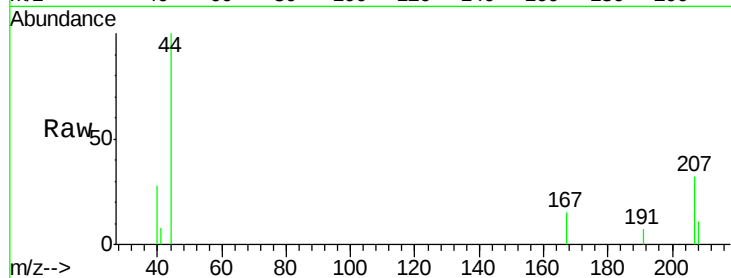
Tgt Ion:167 Resp: 1142

Ion Ratio Lower Upper

167 100

166 0.0 16.2 24.4#

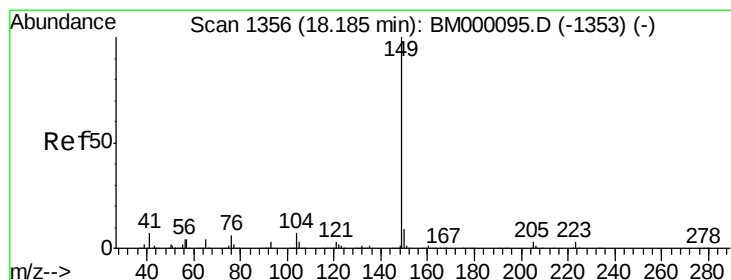
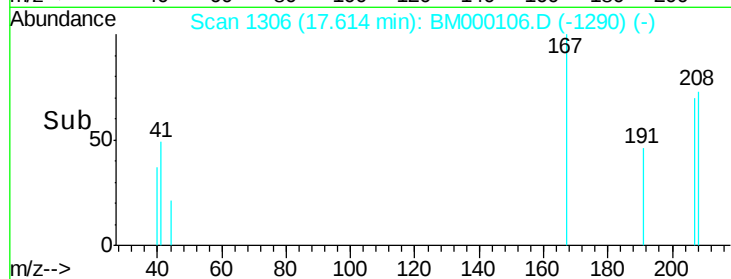
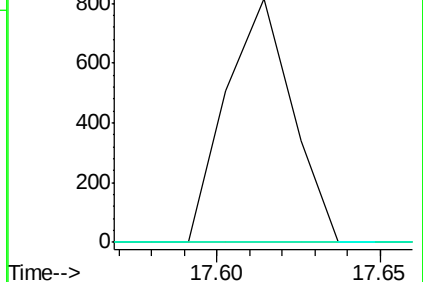
139 0.0 10.7 16.1#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.08 ng/ul

RT: 18.19 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

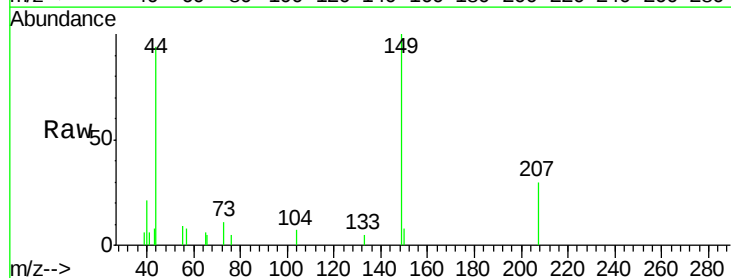
Tgt Ion:149 Resp: 9864

Ion Ratio Lower Upper

149 100

150 8.4 7.1 10.7

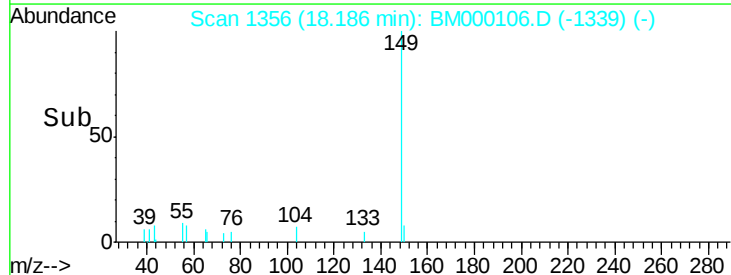
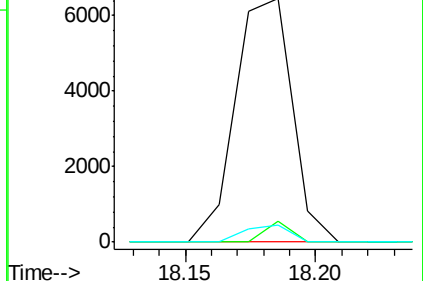
104 7.2 4.8 7.2

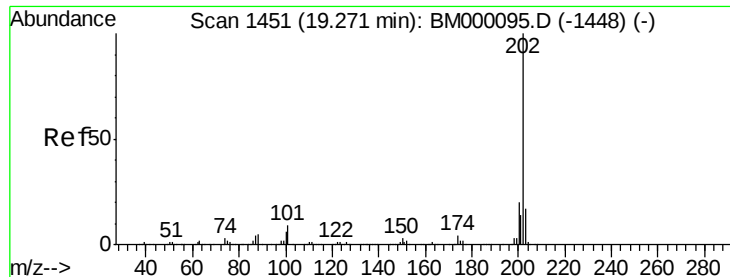


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.01 ng/ul

RT: 19.27 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampleId :

MDL-04-S-ML

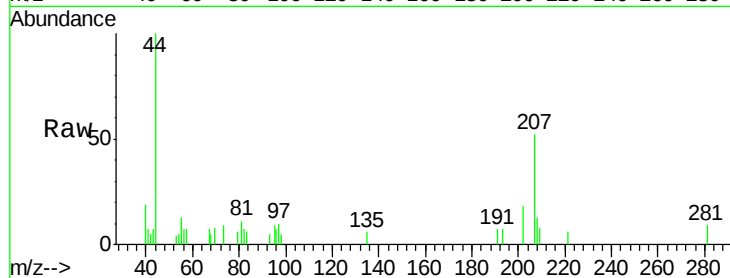
Tgt Ion:202 Resp: 1660

Ion Ratio Lower Upper

202 100

101 0.0 6.4 9.6#

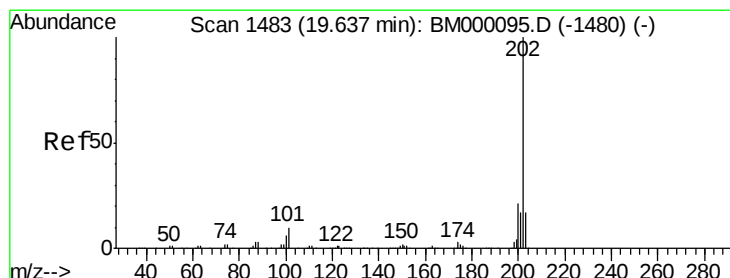
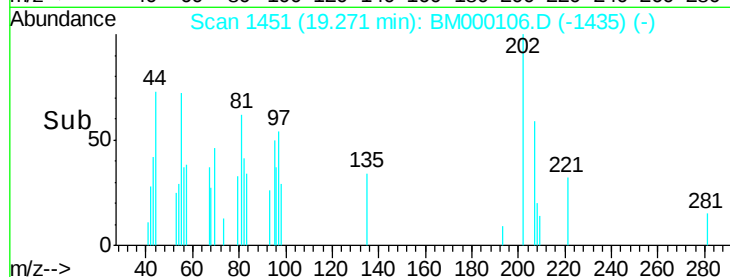
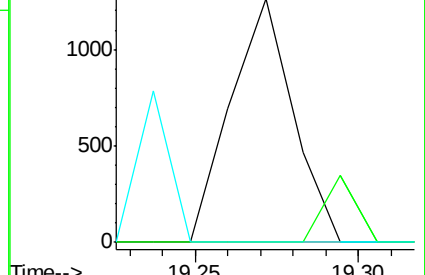
100 0.0 4.6 7.0#



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



#77

Pyrene

Concen: 0.04 ng/ul

RT: 19.61 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

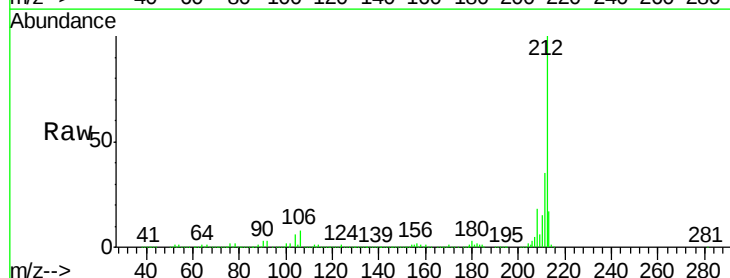
Tgt Ion:202 Resp: 3871

Ion Ratio Lower Upper

202 100

101 195.5 6.9 10.3#

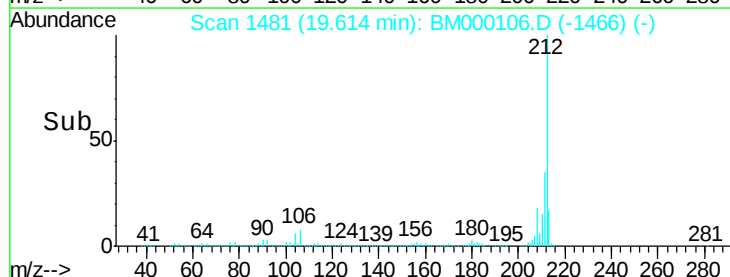
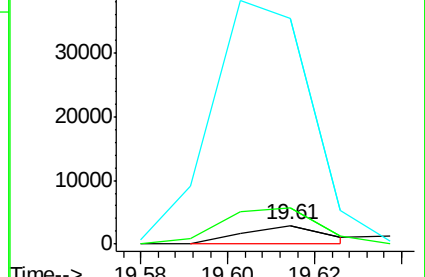
100 1223.9 5.5 8.3#

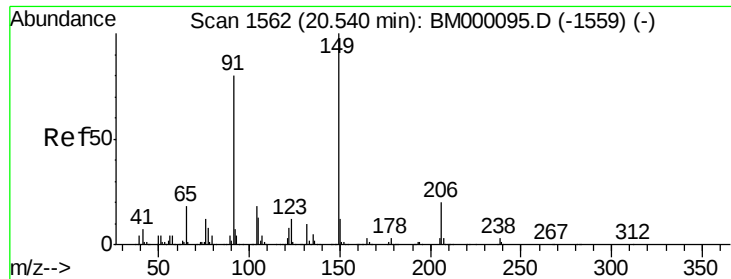


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 0.03 ng/ul

RT: 20.54 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampleId :

MDL-04-S-ML

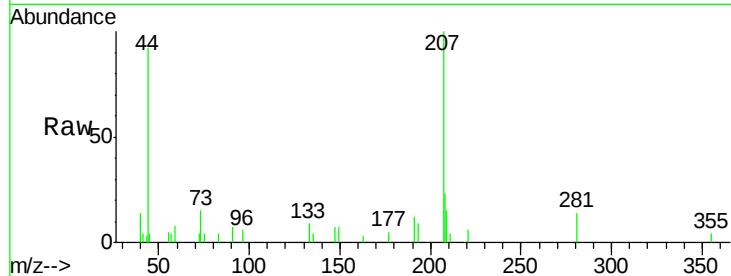
Tgt Ion:149 Resp: 1119

Ion Ratio Lower Upper

149 100

91 107.2 56.6 84.8#

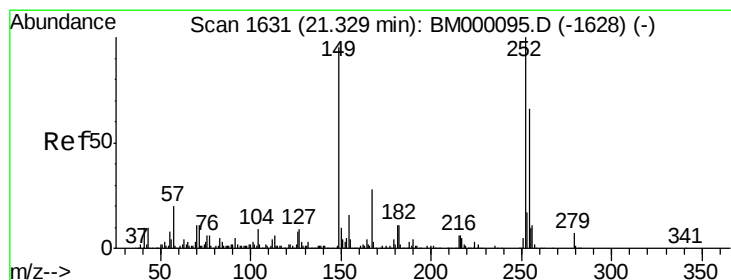
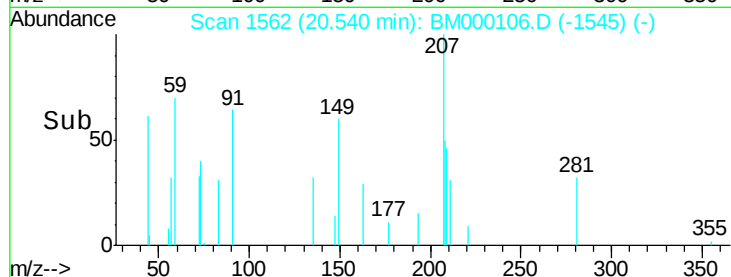
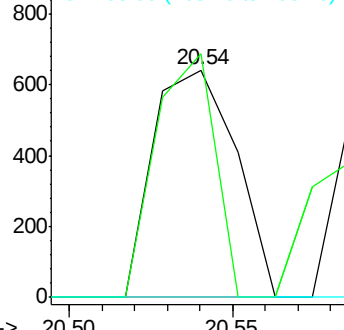
206 0.0 16.8 25.2#



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



#79

3,3'-Dichlorobenzidine

Concen: 0.06 ng/ul

RT: 21.32 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

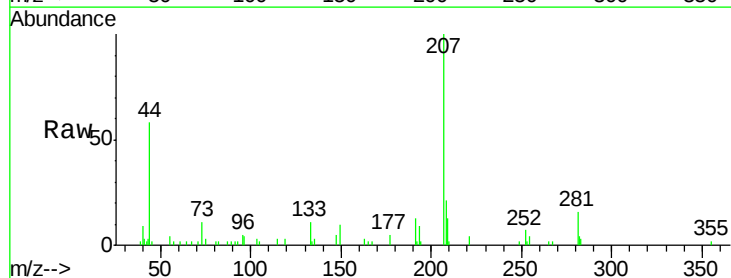
Tgt Ion:252 Resp: 1707

Ion Ratio Lower Upper

252 100

254 64.8 51.2 76.8

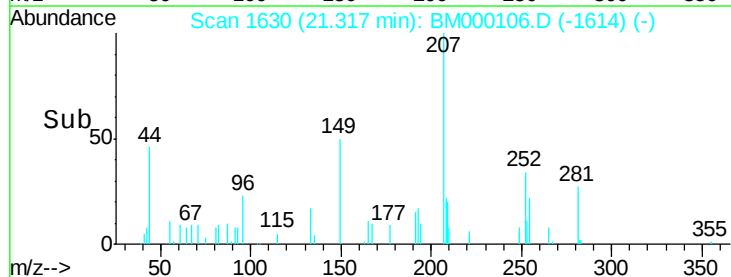
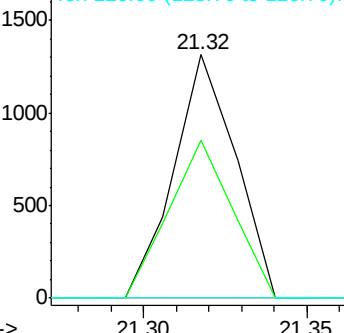
126 0.0 7.9 11.9#

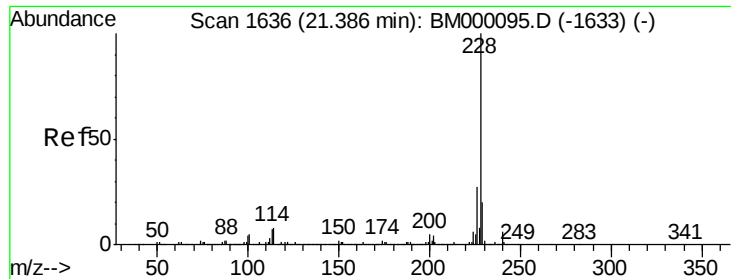


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 0.06 ng/ul

RT: 21.40 min Scan# 1637

Delta R.T. 0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampleId :

MDL-04-S-ML

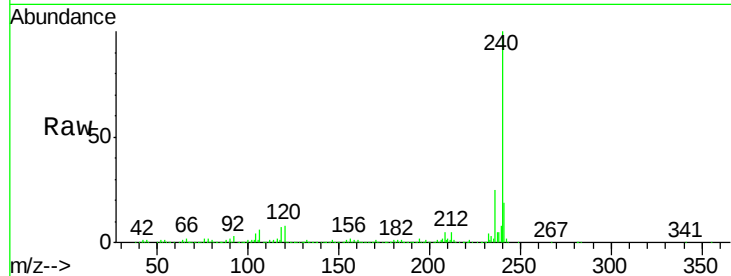
Tgt Ion:228 Resp: 5449

Ion Ratio Lower Upper

228 100

229 28.1 15.8 23.8#

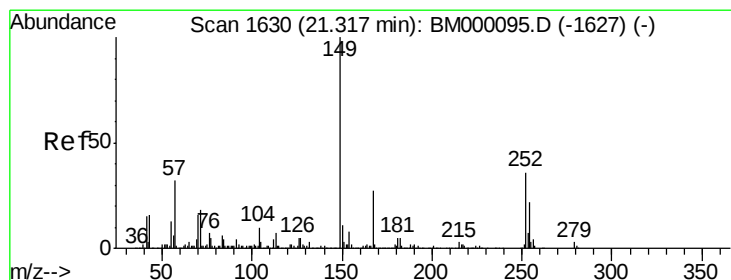
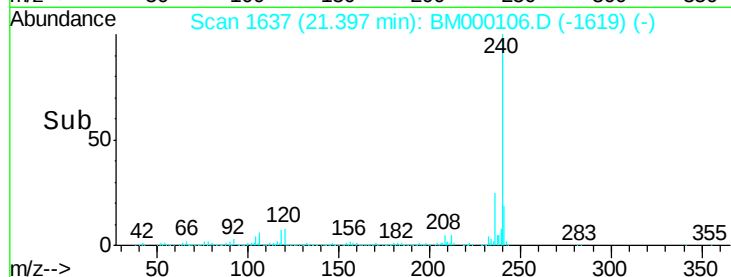
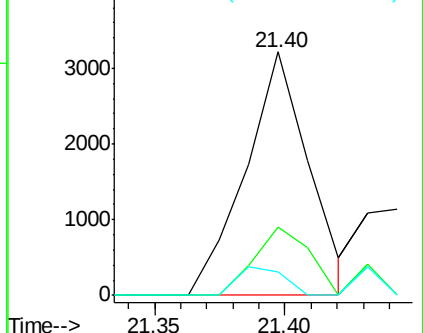
226 9.8 20.7 31.1#



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: 21.32 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

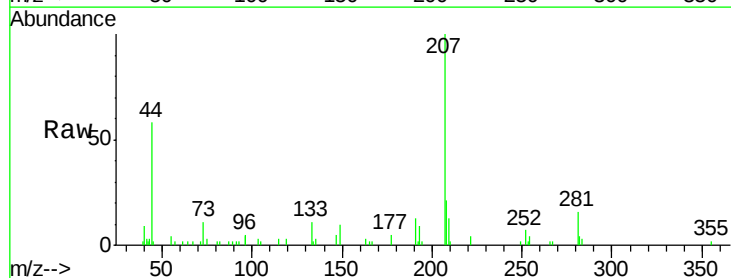
Tgt Ion:149 Resp: 2083

Ion Ratio Lower Upper

149 100

167 20.2 22.1 33.1#

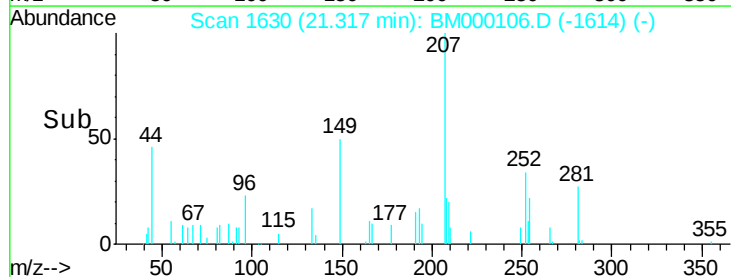
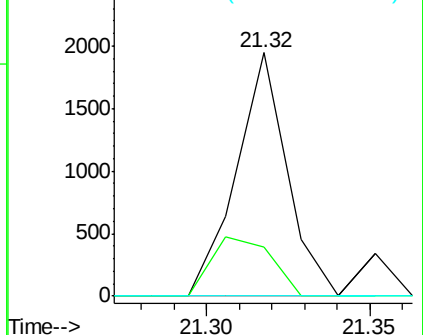
279 0.0 3.0 4.6#

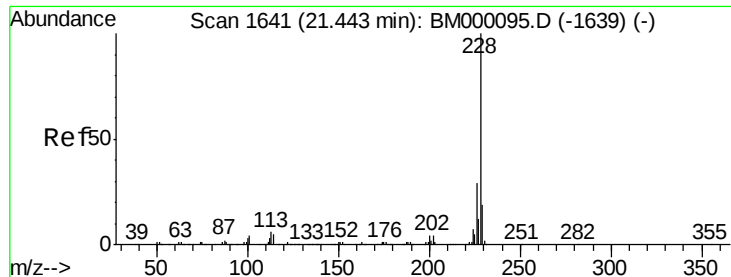


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 0.02 ng/ul

RT: 21.44 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampleId :

MDL-04-S-ML

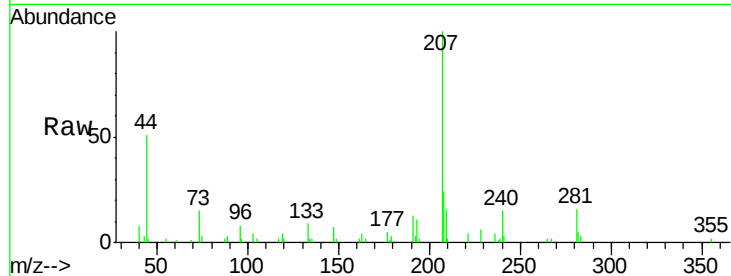
Tgt Ion:228 Resp: 1529

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.4#

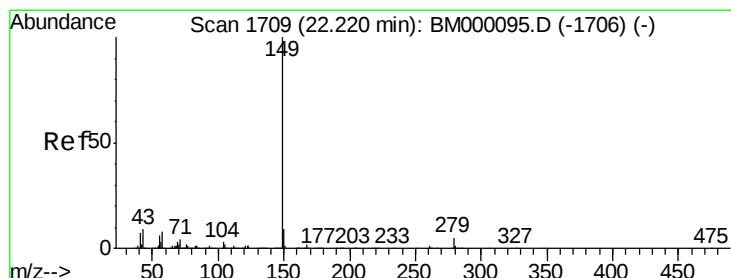
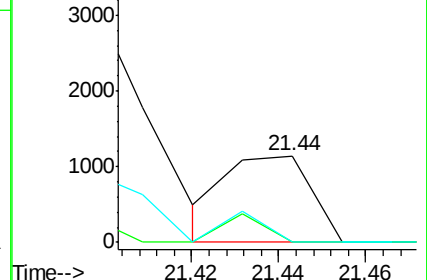
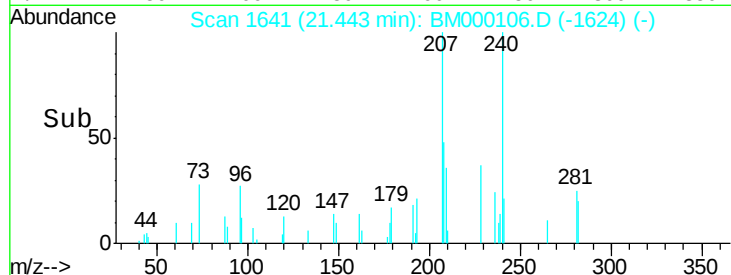
229 0.0 15.6 23.4#



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



#84

Di-n-octyl phthalate

Concen: 0.04 ng/ul

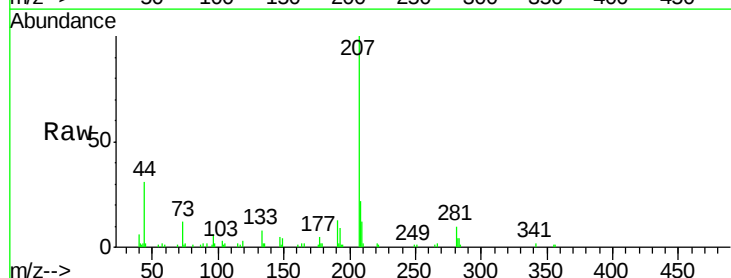
RT: 22.21 min Scan# 1708

Delta R.T. -0.01 min

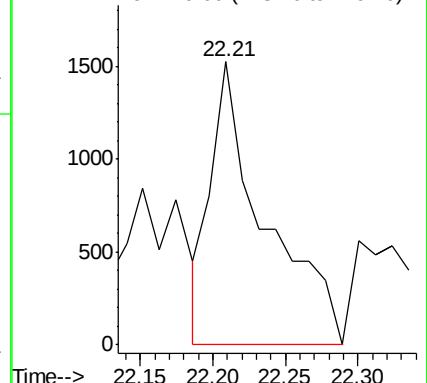
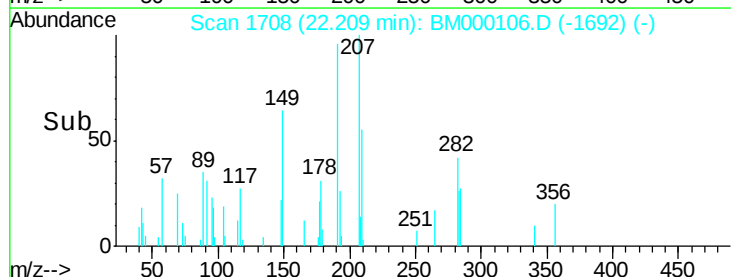
Lab File: BM000106.D

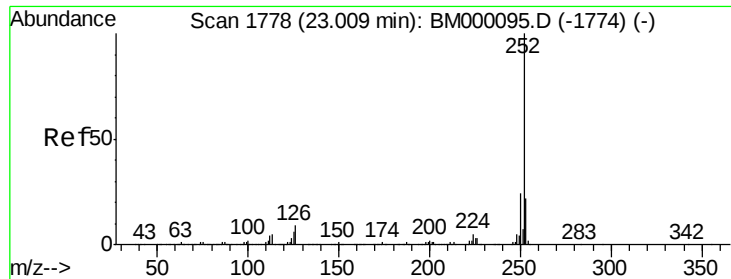
Acq: 02 Jan 2015 10:16

Tgt Ion:149 Resp: 3919



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 0.03 ng/ul

RT: 23.00 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampleId :

MDL-04-S-ML

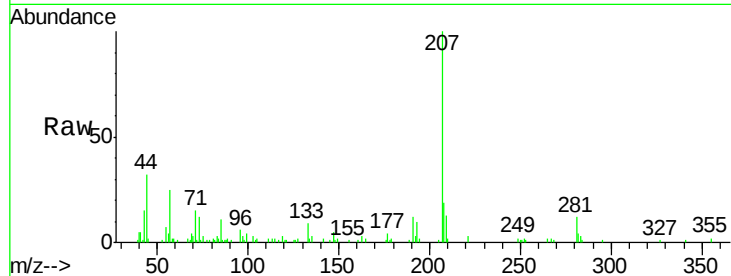
Tgt Ion:252 Resp: 2423

Ion Ratio Lower Upper

252 100

253 58.8 17.1 25.7#

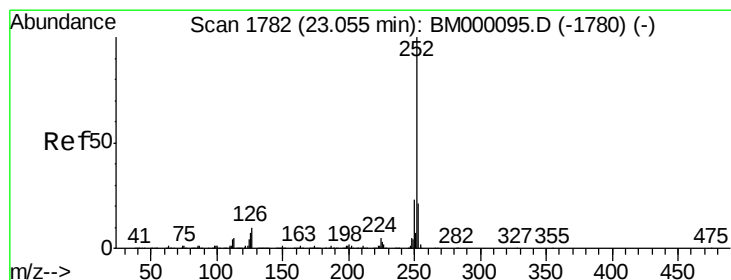
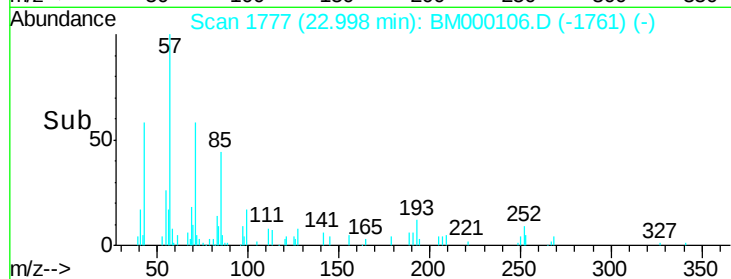
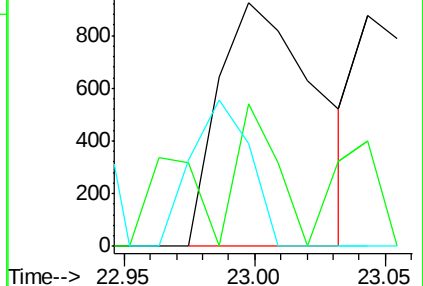
125 42.0 4.8 7.2#



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: 0.02 ng/ul

RT: 23.04 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

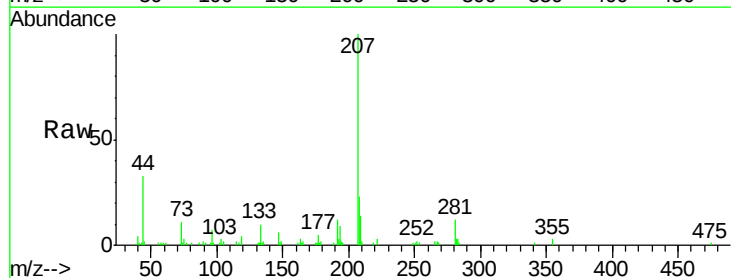
Tgt Ion:252 Resp: 1454

Ion Ratio Lower Upper

252 100

253 45.6 17.2 25.8#

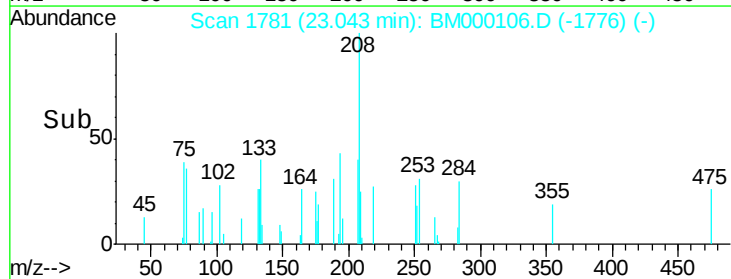
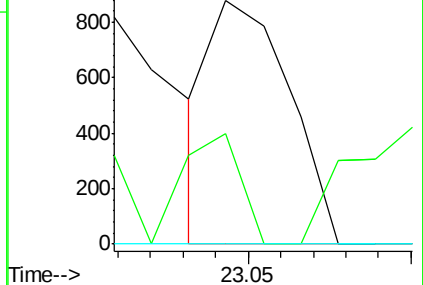
125 0.0 4.9 7.3#

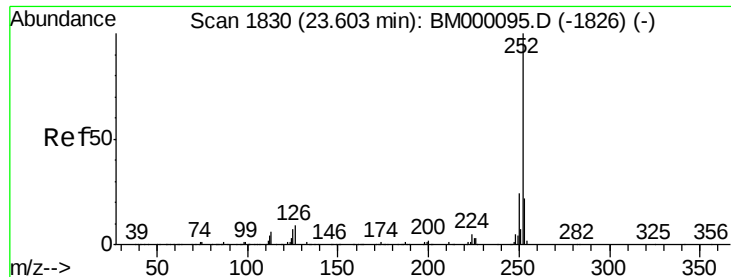


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 0.02 ng/ul

RT: 23.59 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampled :

MDL-04-S-ML

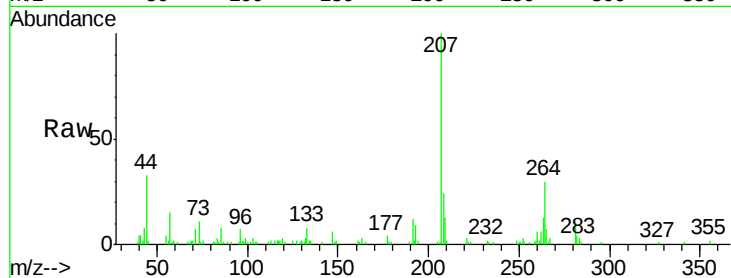
Tgt Ion: 252 Resp: 1839

Ion Ratio Lower Upper

252 100

253 34.2 17.0 25.6#

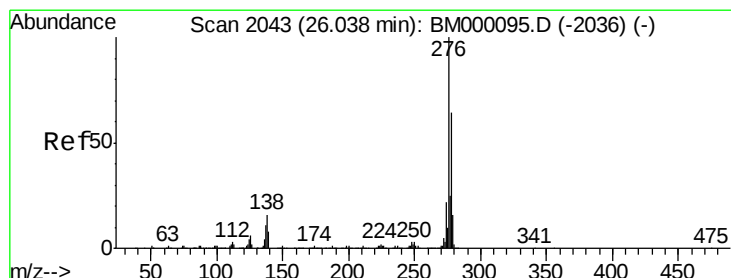
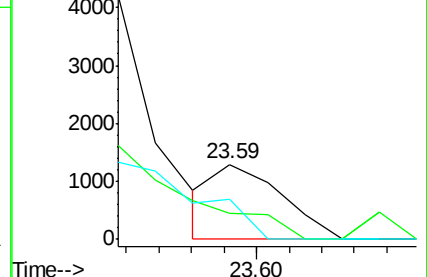
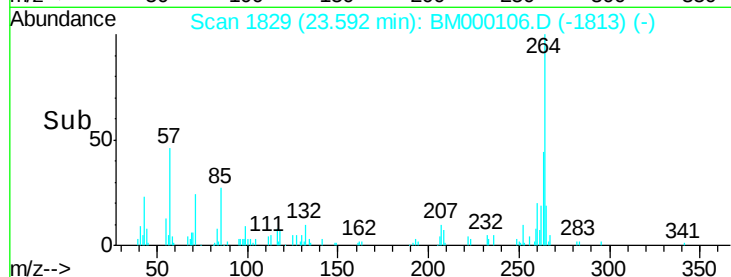
125 54.1 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng/ul

RT: 26.02 min Scan# 2041

Delta R.T. -0.03 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

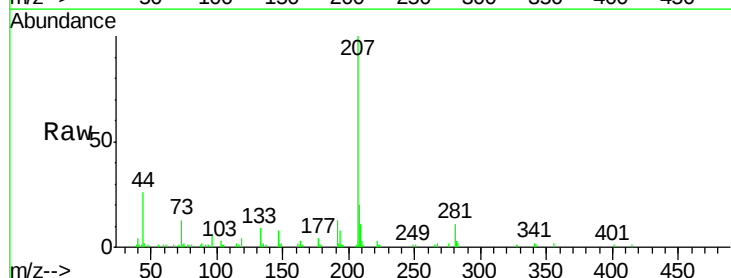
Tgt Ion: 276 Resp: 1841

Ion Ratio Lower Upper

276 100

138 0.0 14.2 21.2#

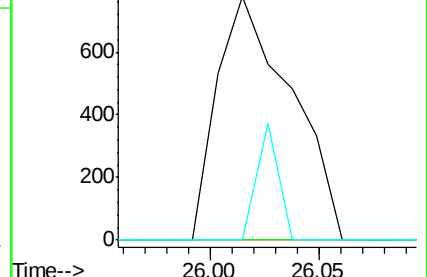
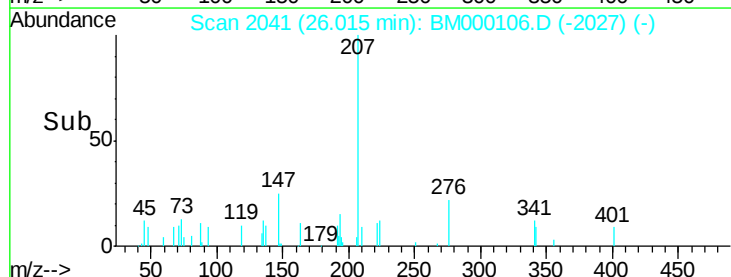
277 0.0 18.8 28.2#

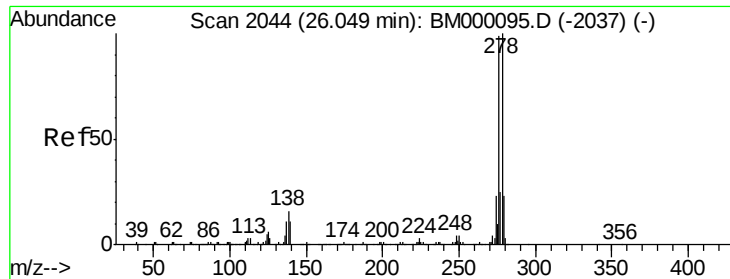


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.02 ng/ul

RT: 26.03 min Scan# 2042

Delta R.T. -0.03 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

Instrument :

BNA_M

ClientSampleId :

MDL-04-S-ML

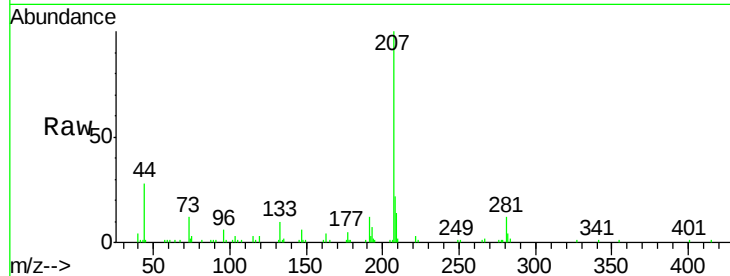
Tgt Ion: 278 Resp: 1433

Ion Ratio Lower Upper

278 100

139 0.0 10.2 15.2#

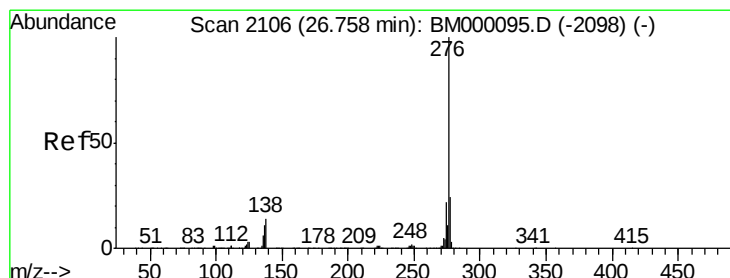
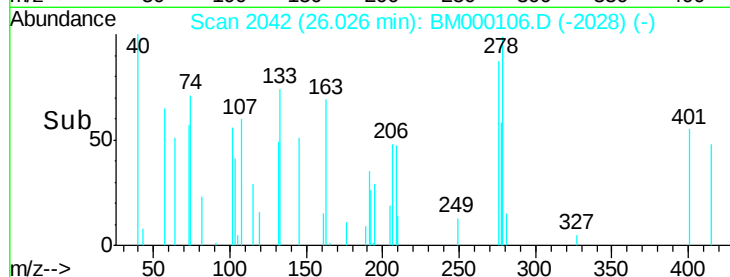
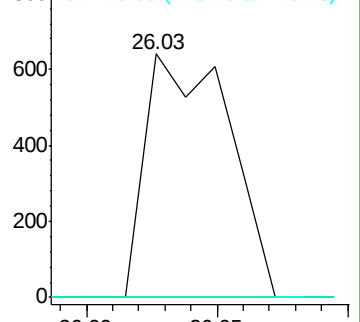
279 0.0 19.2 28.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.01 ng/ul

RT: 26.72 min Scan# 2103

Delta R.T. -0.03 min

Lab File: BM000106.D

Acq: 02 Jan 2015 10:16

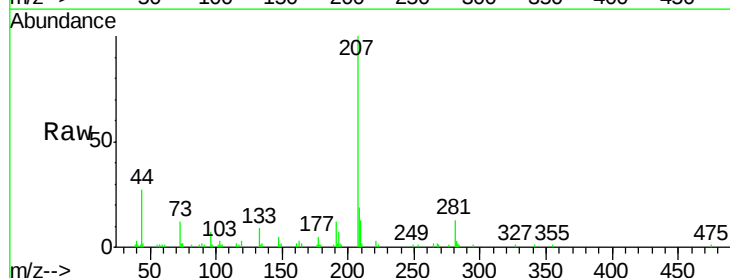
Tgt Ion: 276 Resp: 990

Ion Ratio Lower Upper

276 100

138 0.0 12.1 18.1#

277 0.0 19.0 28.4#



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

