

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005243.D
 Acq On : 05 May 2016 20:15
 Operator : UM/SJ
 Sample : H2813-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7M6

Quant Time: May 06 04:20:03 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 06 04:17:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	77814	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	377824	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	241980	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	588412	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	698389	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	695375	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	2316	1.40	ng/uL	0.00
5) Phenol-d5	6.95	99	40482	5.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	108667	26.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	115086	21.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	81405	13.96	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	76367	28.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	86889	28.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	143401	25.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	6040	0.88	ng/ul	0.01
43) Dimethylphthalate-d6	13.83	166	528387	27.24	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	627274	27.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	18198	5.14	ng/ul	0.00
57) Fluorene-d10	15.41	176	464650	27.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	84098	25.41	ng/ul	0.00
70) Anthracene-d10	17.26	188	730380	28.08	ng/ul	0.00
76) Pyrene-d10	19.56	212	861008	26.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	872046	28.33	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	9337	3.09	ng/uL	98
4) Benzaldehyde	6.92	77	1700	0.50	ng/ul#	1
6) Phenol	6.98	94	558	0.08	ng/ul#	29
8) Bis(2-Chloroethyl)ether	7.21	93	453	0.08	ng/ul#	70
12) 2,2'-oxybis(1-Chloropropan	8.38	45	4753	0.64	ng/ul#	67
14) Acetophenone	8.57	105	1301	0.15	ng/ul#	21
15) N-Nitroso-di-n-propylamine	8.47	70	2104	0.47	ng/ul#	1
17) Hexachloroethane	8.87	117	4854	2.37	ng/ul#	8
20) Nitrobenzene	8.95	77	1698	0.25	ng/ul#	9
21) Isophorone	9.65	82	7457	0.57	ng/ul#	71
25) Bis(2-Chloroethoxy)methane	9.98	93	1411	0.17	ng/ul#	50
28) Naphthalene	10.65	128	8322424	437.80	ng/ul	98
30) 4-Chloroaniline	10.65	127	1156915	166.04	ng/ul#	19
34) 2-Methylnaphthalene	12.23	142	1821741	128.13	ng/ul	100
40) 1,1'-Biphenyl	13.25	154	462921	24.15	ng/ul	99
41) 2-Chloronaphthalene	13.25	162	226	0.02	ng/ul#	1
42) 2-Nitroaniline	13.47	65	265	0.06	ng/ul#	4
44) Dimethylphthalate	13.81	163	659	0.03	ng/ul#	1
47) Acenaphthylene	14.13	152	108465	4.51	ng/ul#	96
48) 3-Nitroaniline	14.48	138	986	0.24	ng/ul#	1
49) Acenaphthene	14.49	153	1025015	64.62	ng/ul	100
52) 4-Nitrophenol	14.48	109	1572	0.53	ng/ul#	1
53) Dibenzofuran	14.82	168	1287732	55.95	ng/ul	98

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005243.D
 Acq On : 05 May 2016 20:15
 Operator : UM/SJ
 Sample : H2813-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

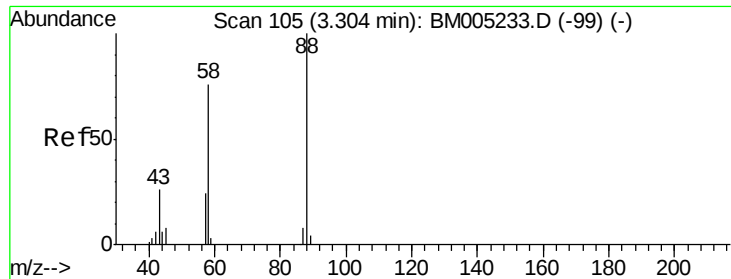
Instrument :
 BNA_M
 ClientSampleId :
 BC7M6

Quant Time: May 06 04:20:03 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 06 04:17:42 2016
 Response via : Initial Calibration

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

54) 2,4-Dinitrotoluene	14.77	165	1327	0.23	ng/ul#	7
56) Diethylphthalate	15.23	149	1060	0.05	ng/ul#	59
58) Fluorene	15.47	166	967693	53.78	ng/ul	100
60) 4-Nitroaniline	15.47	138	10936	2.53	ng/ul#	14
64) N-Nitrosodiphenylamine	15.68	169	2422	0.15	ng/ul#	1
69) Phenanthrene	17.21	178	1875010	60.60	ng/ul	99
71) Anthracene	17.30	178	143208	4.64	ng/ul	99
72) Carbazole	17.57	167	629651	23.20	ng/ul	100
73) Di-n-butylphthalate	18.13	149	2401	0.07	ng/ul#	8
74) Fluoranthene	19.23	202	341262	9.96	ng/ul	98
77) Pyrene	19.59	202	204607	5.05	ng/ul	99
78) Butylbenzylphthalate	20.49	149	543	0.03	ng/ul#	50
80) Benzo(a)anthracene	21.34	228	18846	0.47	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.26	149	5194	0.22	ng/ul#	93
82) Chrysene	21.34	228	18846	0.49	ng/ul	98
84) Di-n-octyl phthalate	22.16	149	343	0.01	ng/ul#	1
85) Benzo(b)fluoranthene	22.95	252	9605	0.24	ng/ul#	87
86) Benzo(k)fluoranthene	22.95	252	9605	0.25	ng/ul#	86
88) Benzo(a)pyrene	23.53	252	6509	0.17	ng/ul#	86
89) Indeno(1,2,3-cd)pyrene	25.93	276	3367	0.08	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.94	278	1871	0.05	ng/ul#	55
91) Benzo(g,h,i)perylene	26.64	276	1393	0.04	ng/ul#	52

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



#2

1,4-Dioxane

Concen: 3.09 ng/uL

RT: 3.30 min Scan# 105

Delta R.T. 0.00 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

Instrument :

BNA_M

ClientSampleId :

BC7M6

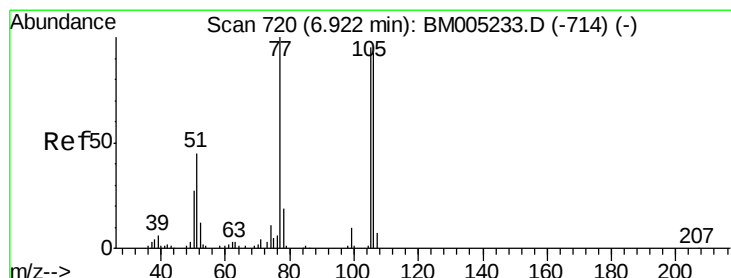
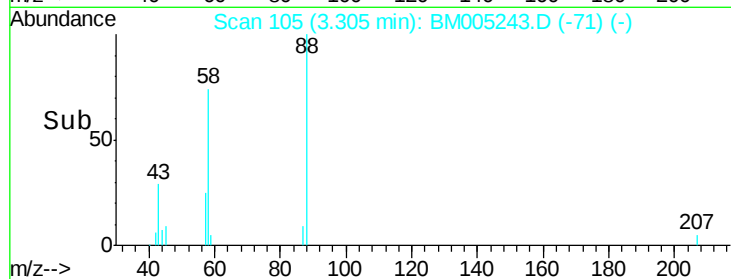
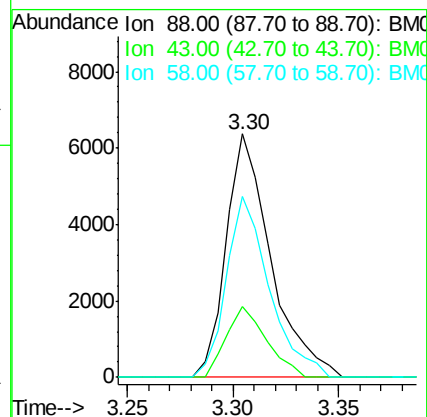
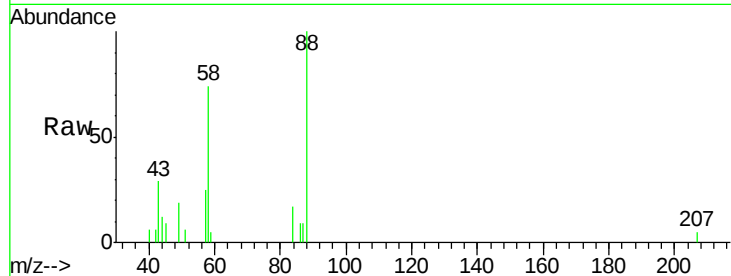
Tgt Ion: 88 Resp: 9337

Ion Ratio Lower Upper

88 100

43 26.1 19.3 28.9

58 71.4 57.9 86.9



#4

Benzaldehyde

Concen: 0.50 ng/uL

RT: 6.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

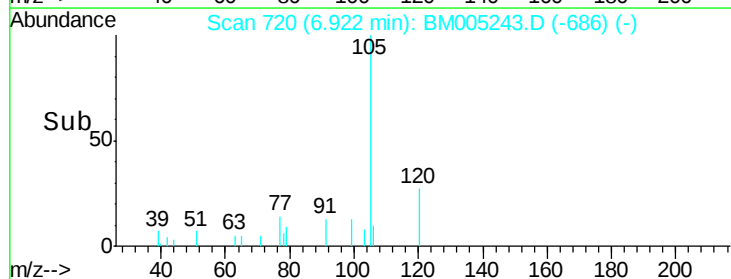
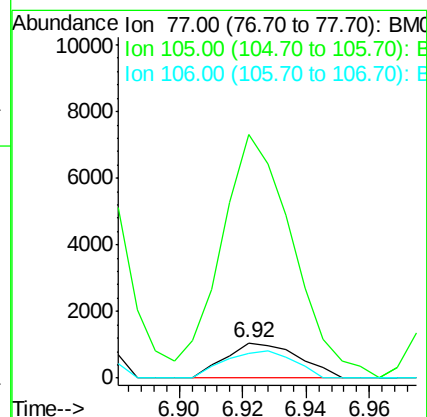
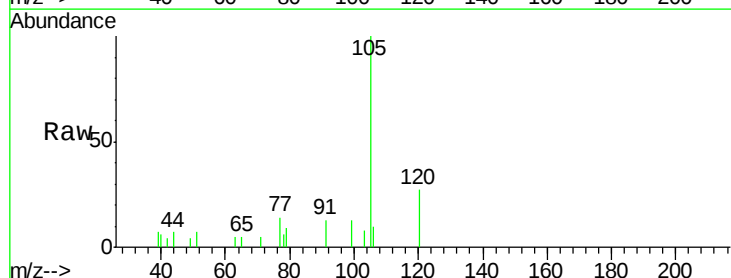
Tgt Ion: 77 Resp: 1700

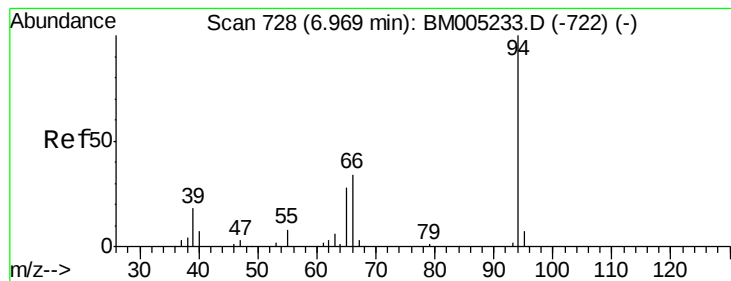
Ion Ratio Lower Upper

77 100

105 692.0 77.6 116.4#

106 72.1 77.9 116.9#





#6

Phenol

Concen: 0.08 ng/ul

RT: 6.98 min Scan# 730

Delta R.T. 0.01 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

Instrument :

BNA_M

ClientSampleId :

BC7M6

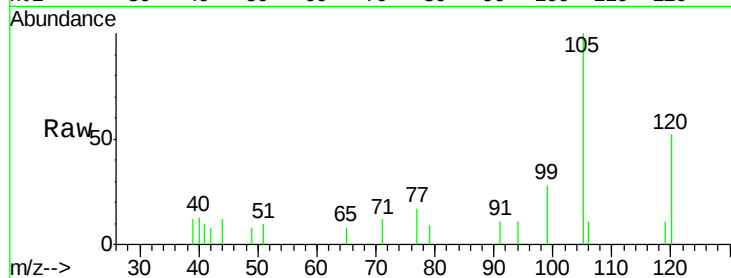
Tgt Ion: 94 Resp: 558

Ion Ratio Lower Upper

94 100

65 71.0 22.7 34.1#

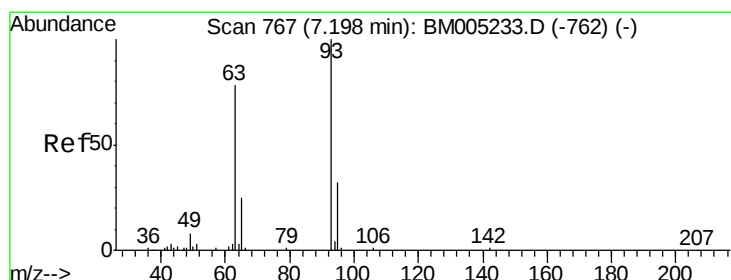
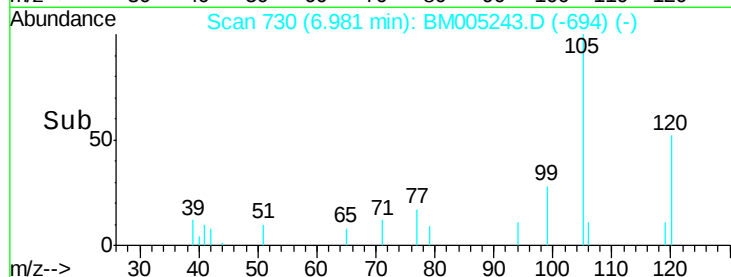
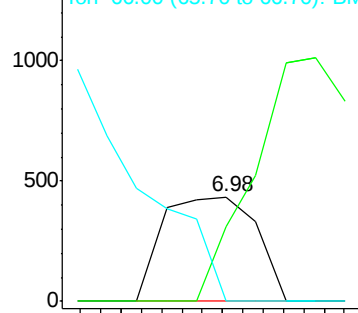
66 0.0 31.7 47.5#



Abundance Ion 94.00 (93.70 to 94.70): BM005233.D (-722) (-)

Ion 65.00 (64.70 to 65.70): BM005233.D (-722) (-)

Ion 66.00 (65.70 to 66.70): BM005233.D (-722) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 0.08 ng/ul

RT: 7.21 min Scan# 769

Delta R.T. 0.01 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

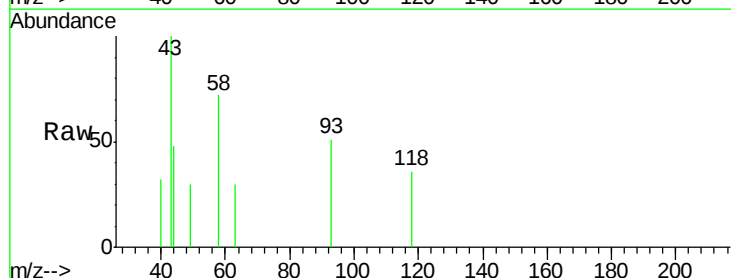
Tgt Ion: 93 Resp: 453

Ion Ratio Lower Upper

93 100

63 59.2 60.6 90.8#

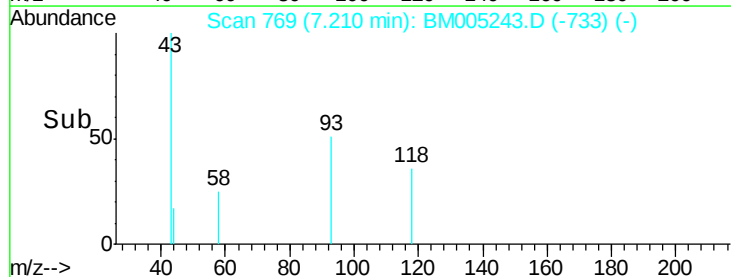
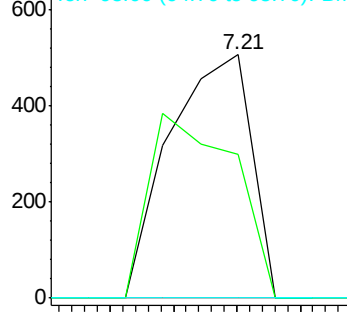
95 0.0 24.2 36.4#

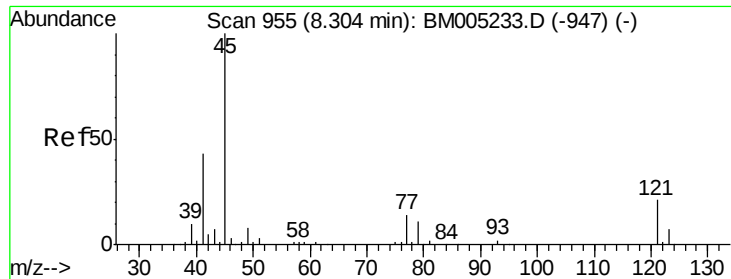


Abundance Ion 93.00 (92.70 to 93.70): BM005233.D (-762) (-)

Ion 63.00 (62.70 to 63.70): BM005233.D (-762) (-)

Ion 95.00 (94.70 to 95.70): BM005233.D (-762) (-)

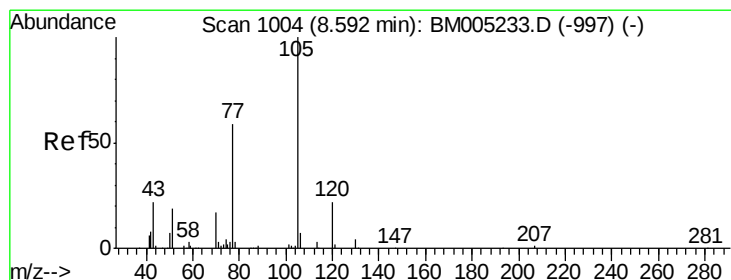
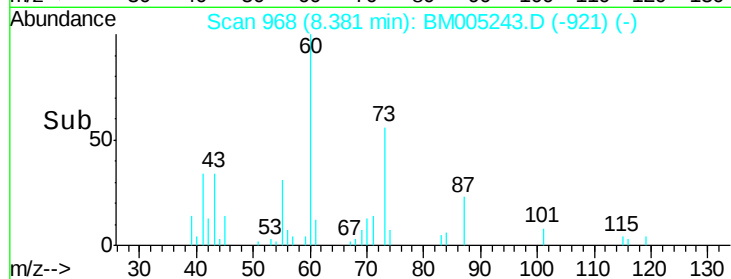
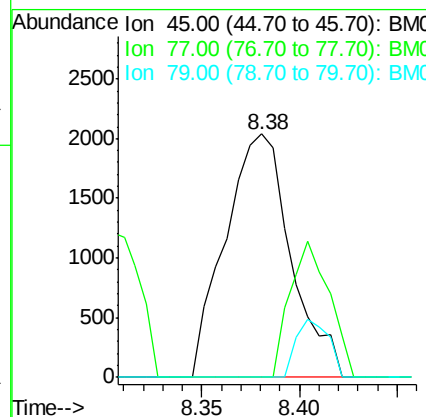
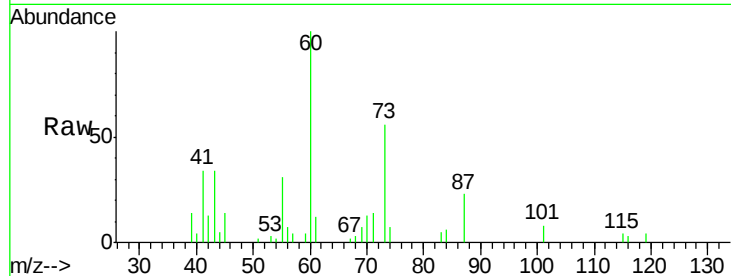




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.64 ng/ul
 RT: 8.38 min Scan# 968
 Delta R.T. 0.08 min
 Lab File: BM005243.D
 Acq: 05 May 2016 20:15

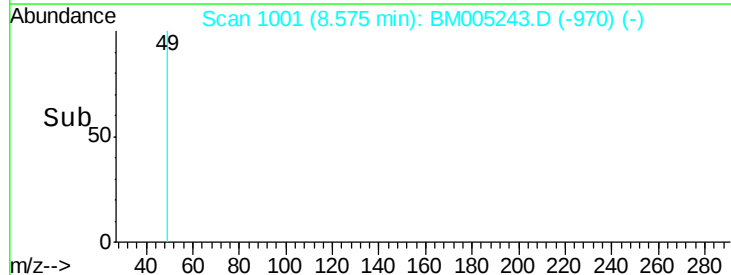
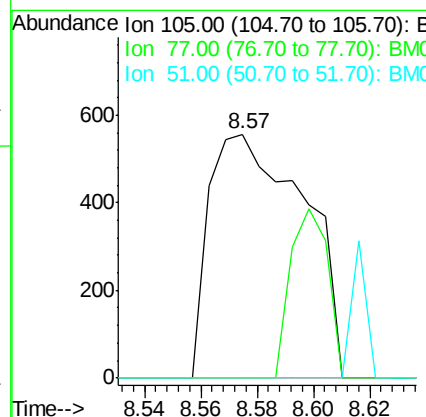
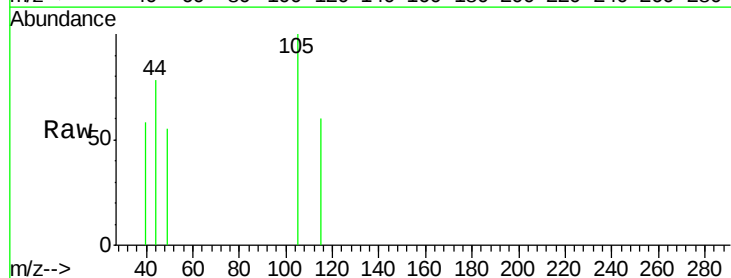
Instrument :
 BNA_M
 ClientSampleId :
 BC7M6

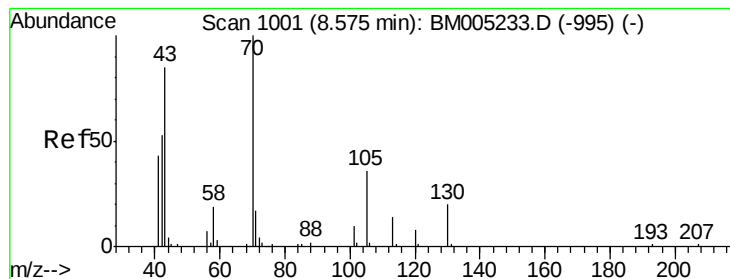
Tgt Ion: 45 Resp: 4753
 Ion Ratio Lower Upper
 45 100
 77 0.0 12.1 18.1#
 79 0.0 9.0 13.4#



#14
 Acetophenone
 Concen: 0.15 ng/ul
 RT: 8.57 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BM005243.D
 Acq: 05 May 2016 20:15

Tgt Ion: 105 Resp: 1301
 Ion Ratio Lower Upper
 105 100
 77 0.0 61.2 91.8#
 51 0.0 21.2 31.8#





#15

N-Nitroso-di-n-propylamine

Concen: 0.47 ng/ul

RT: 8.47 min Scan# 984

Delta R.T. -0.10 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

Instrument :

BNA_M

ClientSampleId :

BC7M6

Tgt Ion: 70 Resp: 2104

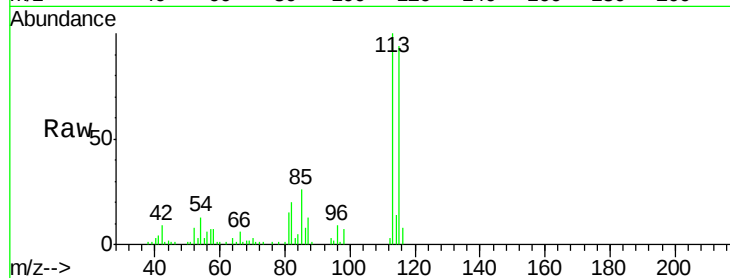
Ion Ratio Lower Upper

70 100

42 369.2 42.8 64.2#

101 0.0 7.8 11.6#

130 0.0 15.7 23.5#

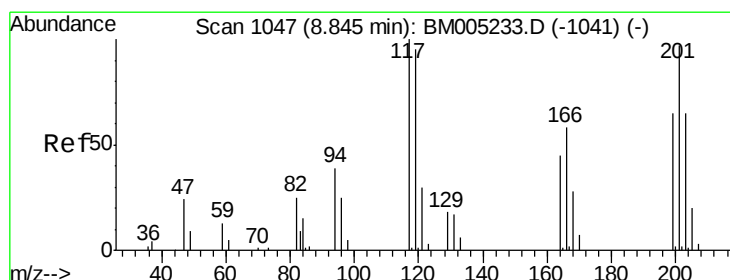
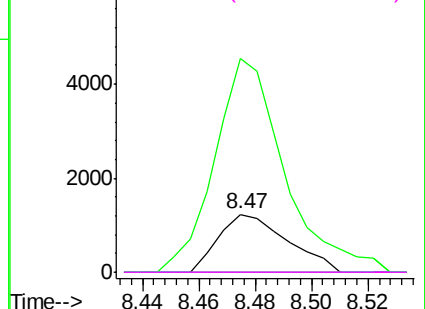
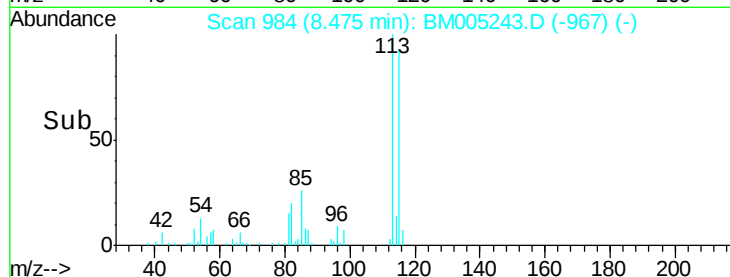


Abundance Ion 70.00 (69.70 to 70.70): BM0

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



#17

Hexachloroethane

Concen: 2.37 ng/ul

RT: 8.87 min Scan# 1052

Delta R.T. 0.03 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

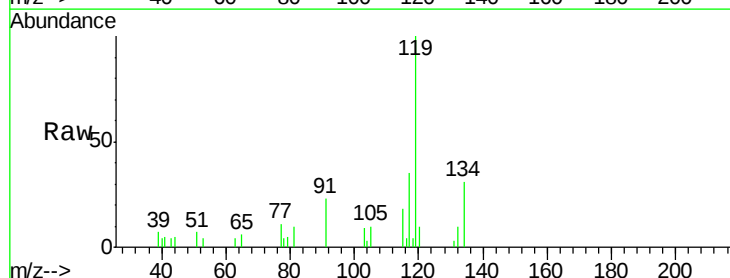
Tgt Ion: 117 Resp: 4854

Ion Ratio Lower Upper

117 100

201 0.0 78.1 117.1#

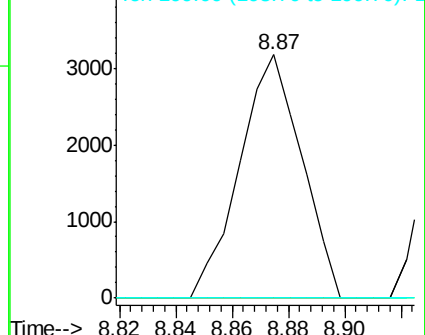
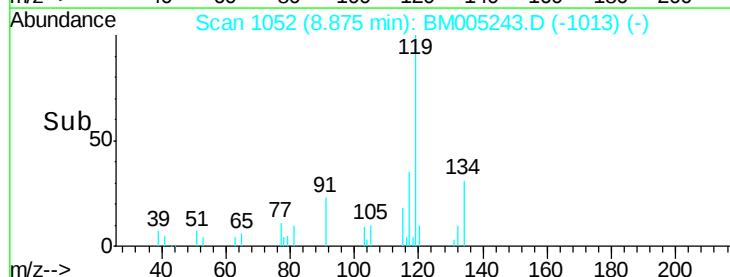
199 0.0 50.2 75.2#

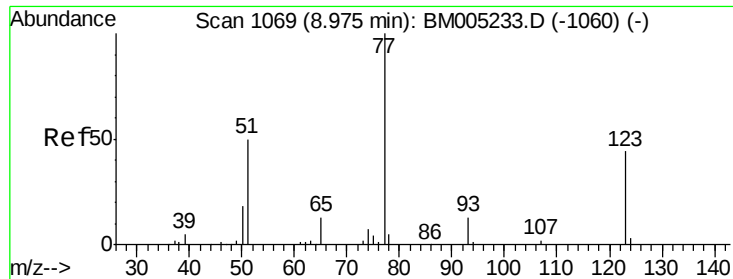


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

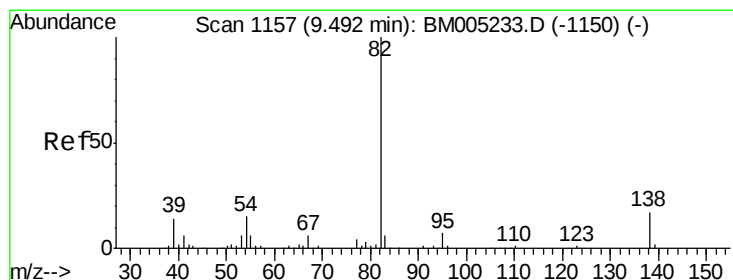
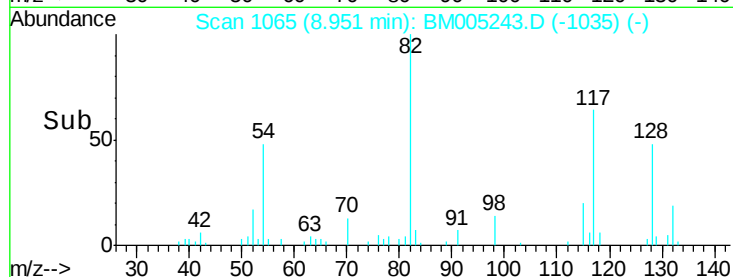
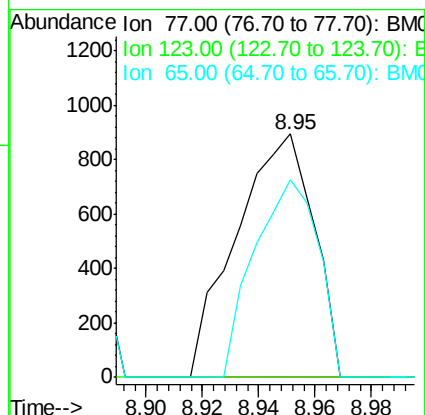
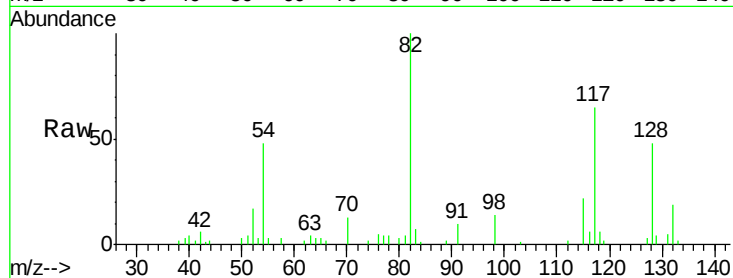




#20
 Nitrobenzene
 Concen: 0.25 ng/ul
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BM005243.D
 Acq: 05 May 2016 20:15

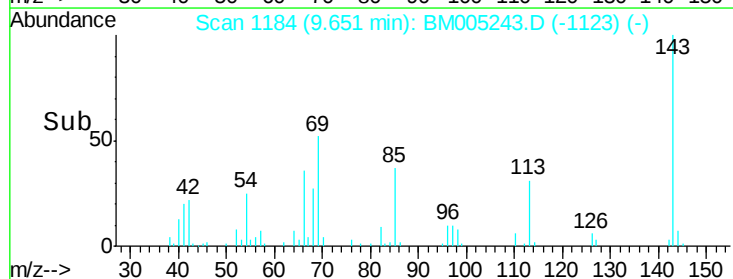
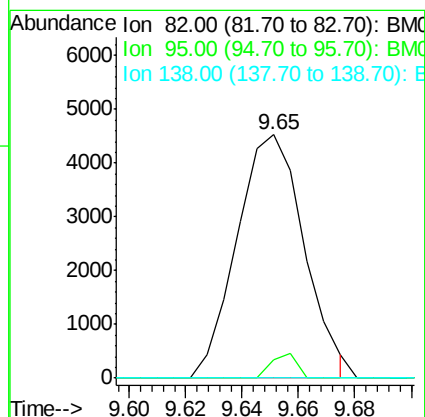
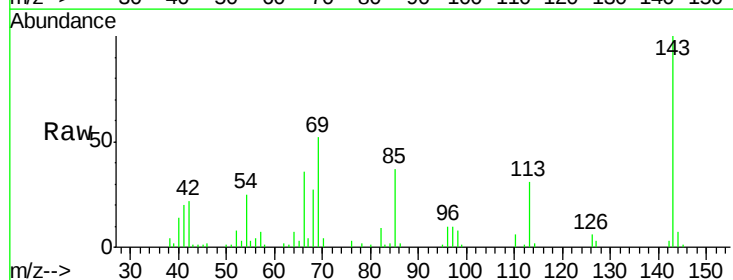
Instrument :
 BNA_M
 ClientSampleId :
 BC7M6

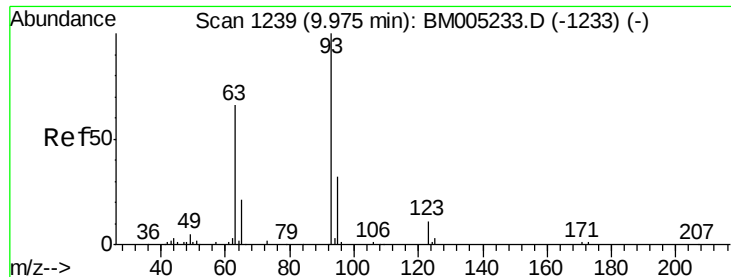
Tgt Ion: 77 Resp: 1698
 Ion Ratio Lower Upper
 77 100
 123 0.0 34.1 51.1#
 65 80.9 11.0 16.4#



#21
 Isophorone
 Concen: 0.57 ng/ul
 RT: 9.65 min Scan# 1184
 Delta R.T. 0.16 min
 Lab File: BM005243.D
 Acq: 05 May 2016 20:15

Tgt Ion: 82 Resp: 7457
 Ion Ratio Lower Upper
 82 100
 95 7.7 5.4 8.0
 138 0.0 13.4 20.2#





#25

Bis(2-Chloroethoxy)methane

Concen: 0.17 ng/ul

RT: 9.98 min Scan# 1240

Delta R.T. 0.01 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

Instrument :

BNA_M

ClientSampleId :

BC7M6

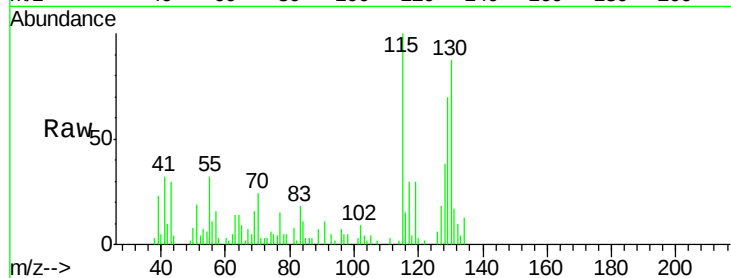
Tgt Ion: 93 Resp: 1411

Ion Ratio Lower Upper

93 100

95 0.0 25.2 37.8#

123 0.0 9.0 13.6#



Abundance Ion 93.00 (92.70 to 93.70): BM005233.D (-1233) (-)

Ion 95.00 (94.70 to 95.70): BM005233.D (-1233) (-)

Ion 123.00 (122.70 to 123.70): BM005233.D (-1233) (-)

Time-->

9.94 9.96 9.98 10.00

9.98

1200

1000

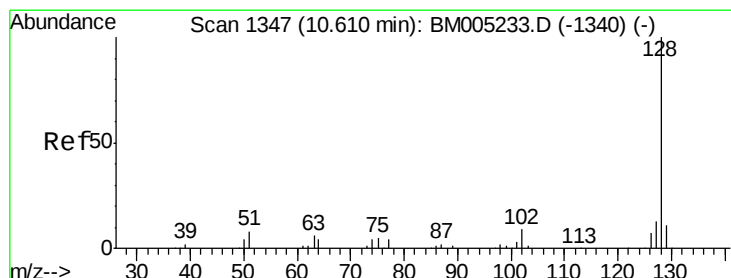
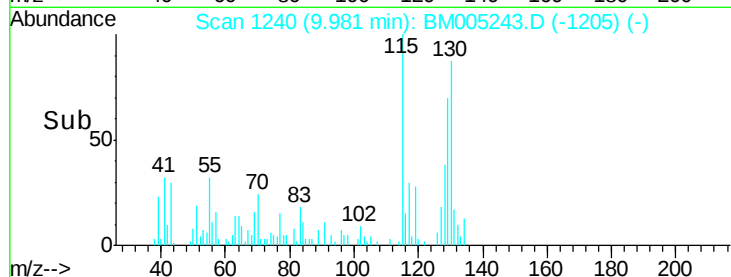
800

600

400

200

0



#28

Naphthalene

Concen: 437.80 ng/ul

RT: 10.65 min Scan# 1353

Delta R.T. 0.04 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

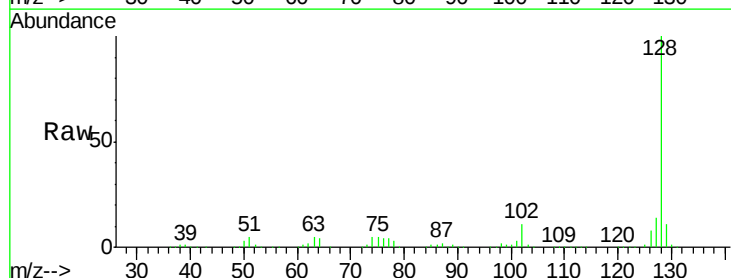
Tgt Ion: 128 Resp: 8322424

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

127 14.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): BM005233.D (-1340) (-)

Ion 129.00 (128.70 to 129.70): BM005233.D (-1340) (-)

Ion 127.00 (126.70 to 127.70): BM005233.D (-1340) (-)

Time-->

10.60 10.65 10.70

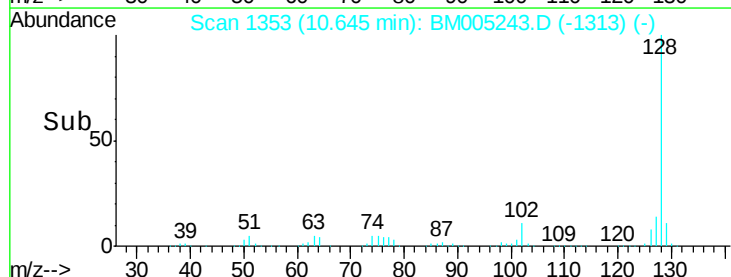
4000000

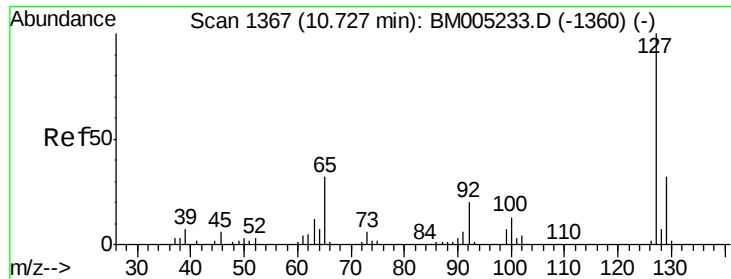
3000000

2000000

1000000

0





#30

4-Chloroaniline

Concen: 166.04 ng/ul

RT: 10.65 min Scan# 1353

Delta R.T. -0.08 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

Instrument :

BNA_M

ClientSampleId :

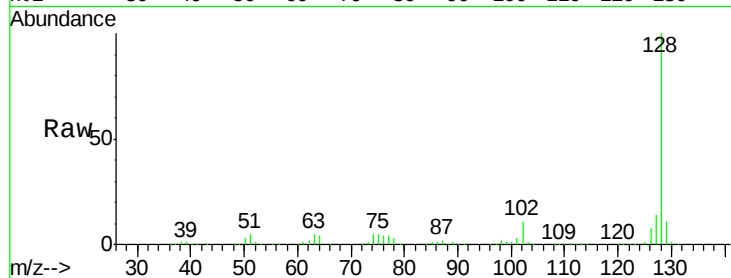
BC7M6

Tgt Ion:127 Resp: 1156915

Ion Ratio Lower Upper

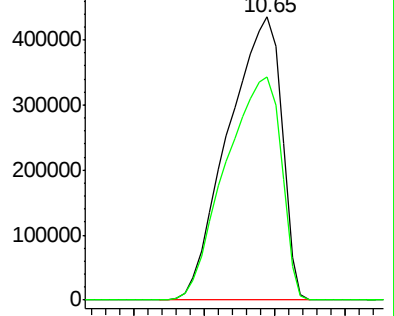
127 100

129 79.0 26.5 39.7#

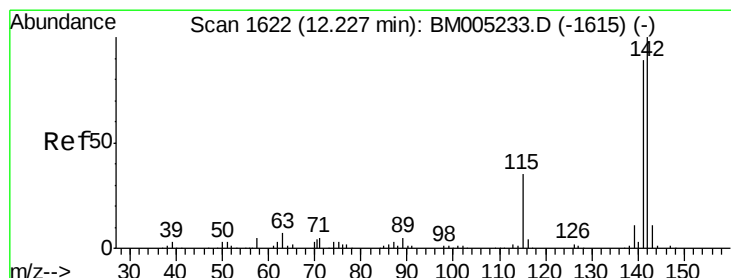
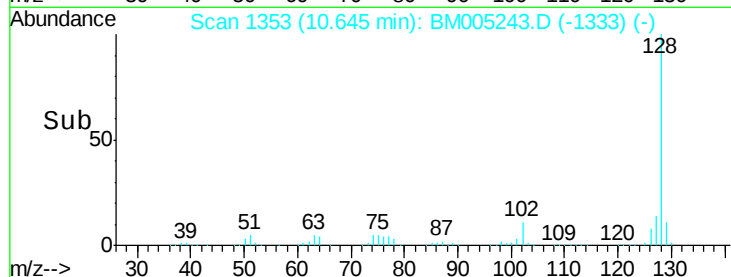


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



Time-->



#34

2-Methylnaphthalene

Concen: 128.13 ng/ul

RT: 12.23 min Scan# 1623

Delta R.T. 0.01 min

Lab File: BM005243.D

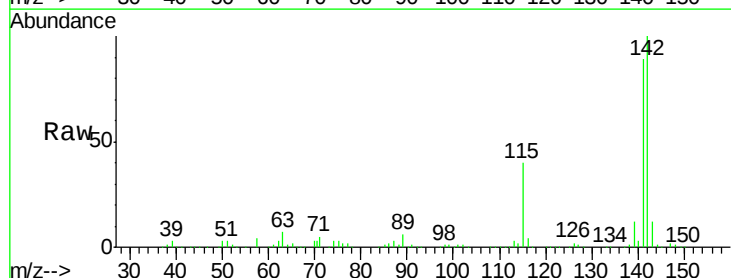
Acq: 05 May 2016 20:15

Tgt Ion:142 Resp: 1821741

Ion Ratio Lower Upper

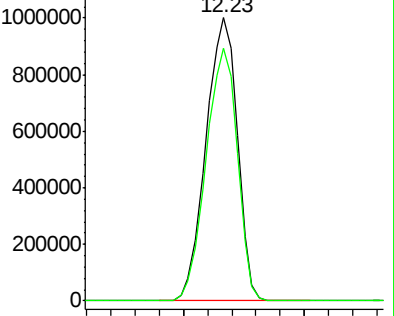
142 100

141 89.1 71.3 106.9

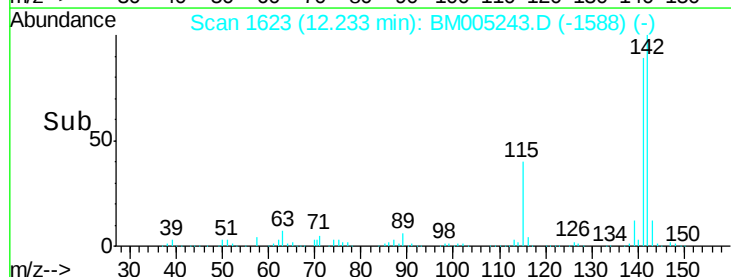


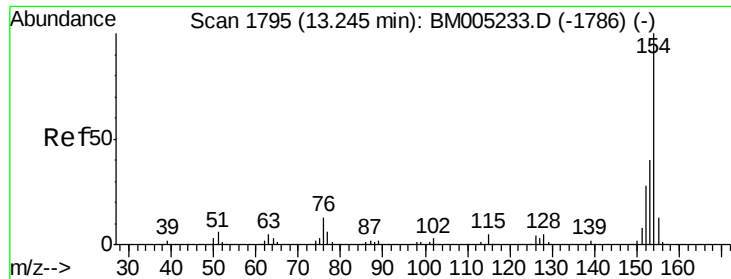
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

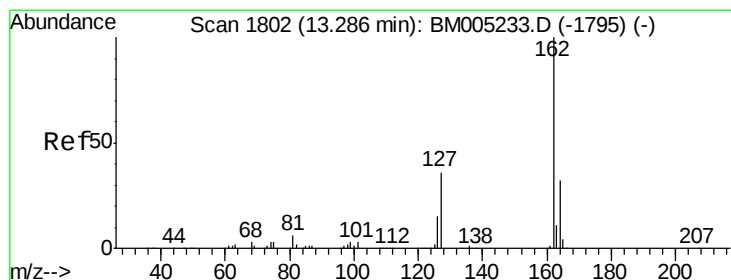
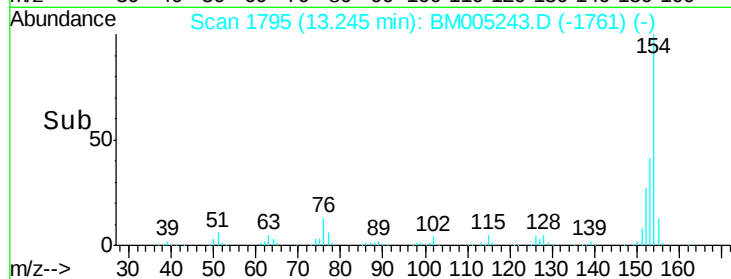
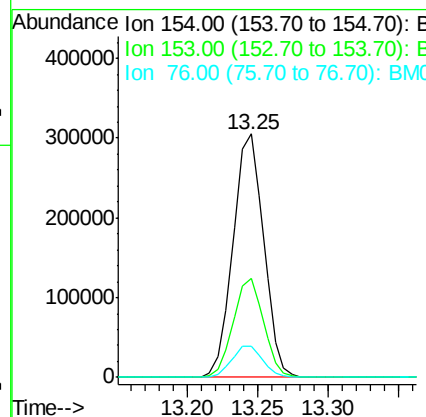
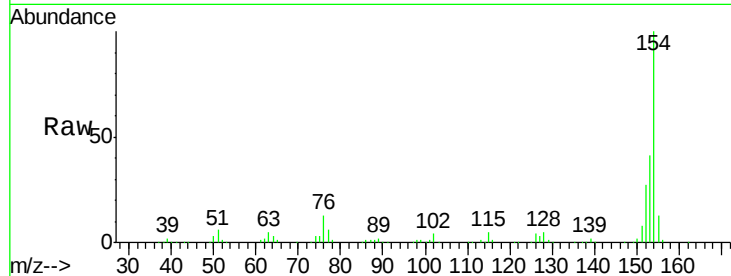




#40
 1,1'-Biphenyl
 Concen: 24.15 ng/ul
 RT: 13.25 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BM005243.D
 Acq: 05 May 2016 20:15

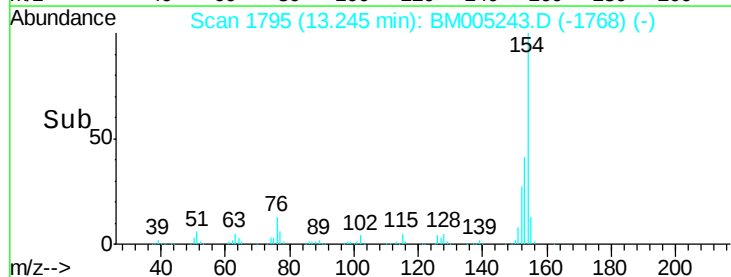
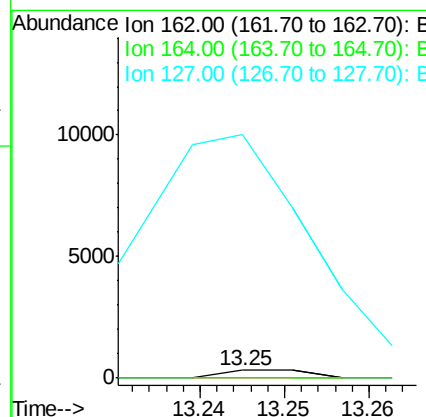
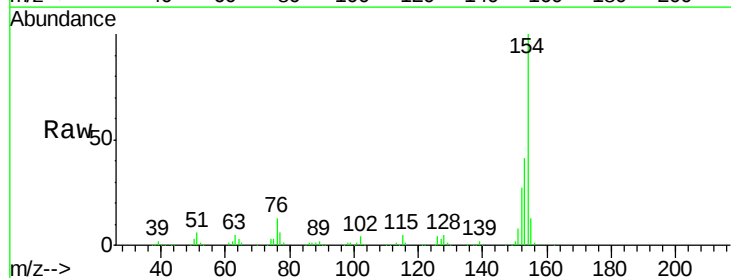
Instrument :
 BNA_M
 ClientSampleId :
 BC7M6

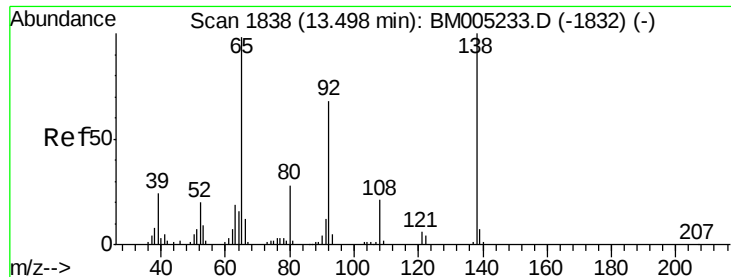
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.1	48.1
76	12.6	10.6	15.8



#41
 2-Chloronaphthalene
 Concen: 0.02 ng/ul
 RT: 13.25 min Scan# 1795
 Delta R.T. -0.04 min
 Lab File: BM005243.D
 Acq: 05 May 2016 20:15

Tgt Ion	Ratio	Lower	Upper
162	100		
164	0.0	25.5	38.3#
127	3121.2	31.9	47.9#





#42

2-Nitroaniline

Concen: 0.06 ng/ul

RT: 13.47 min Scan# 1833

Delta R.T. -0.03 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

Instrument :

BNA_M

ClientSampleId :

BC7M6

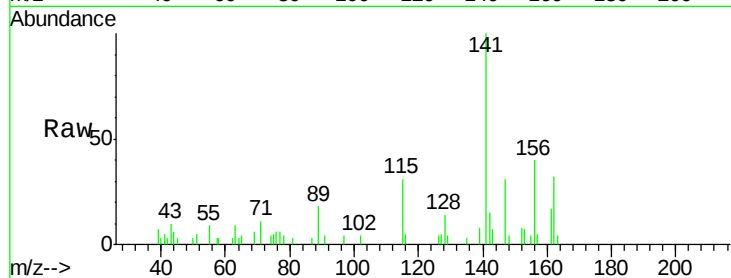
Tgt Ion: 65 Resp: 265

Ion Ratio Lower Upper

65 100

92 0.0 60.1 90.1#

138 0.0 84.0 126.0#

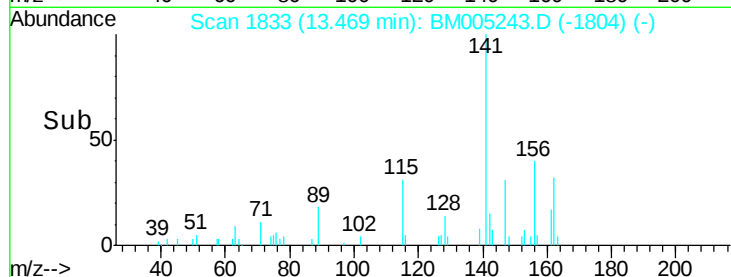


Abundance Ion 65.00 (64.70 to 65.70): BM005233.D (-1832) (-)

Ion 92.00 (91.70 to 92.70): BM005233.D (-1832) (-)

Ion 138.00 (137.70 to 138.70): BM005233.D (-1832) (-)

Time-->

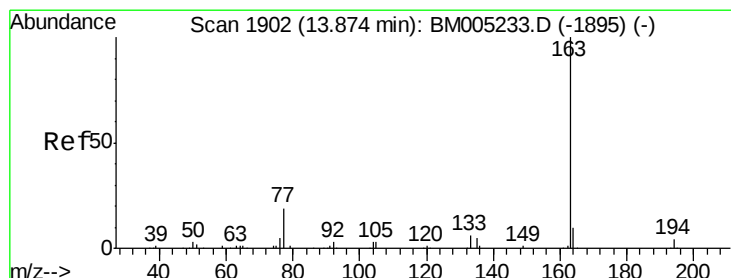


Abundance Ion 65.00 (64.70 to 65.70): BM005233.D (-1832) (-)

Ion 92.00 (91.70 to 92.70): BM005233.D (-1832) (-)

Ion 138.00 (137.70 to 138.70): BM005233.D (-1832) (-)

Time-->



#44

Dimethylphthalate

Concen: 0.03 ng/ul

RT: 13.81 min Scan# 1891

Delta R.T. -0.06 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

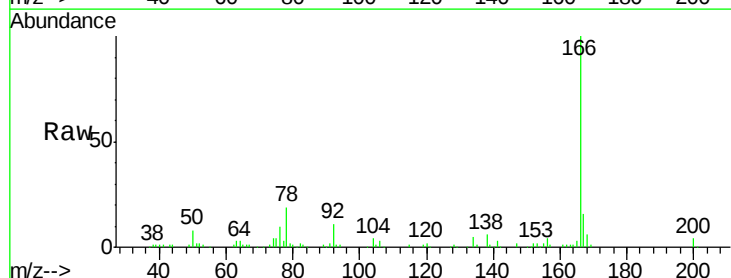
Tgt Ion: 163 Resp: 659

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

164 98.1 7.9 11.9#

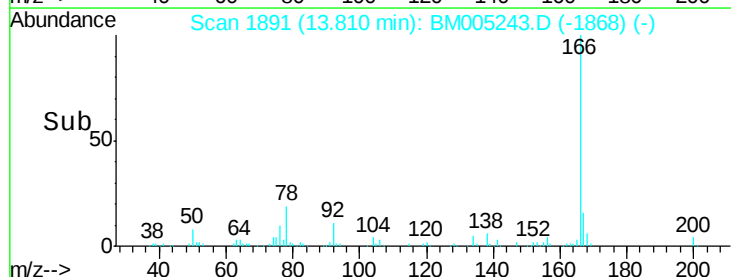


Abundance Ion 163.00 (162.70 to 163.70): BM005233.D (-1895) (-)

Ion 194.00 (193.70 to 194.70): BM005233.D (-1895) (-)

Ion 164.00 (163.70 to 164.70): BM005233.D (-1895) (-)

Time-->

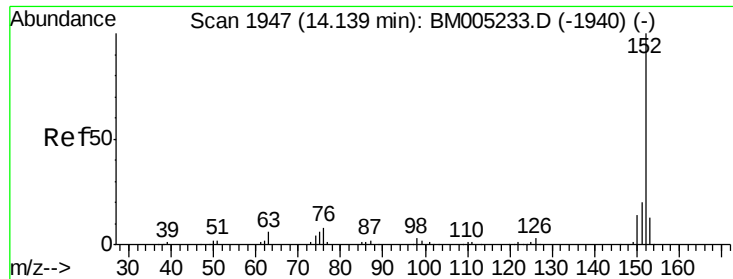


Abundance Ion 163.00 (162.70 to 163.70): BM005233.D (-1895) (-)

Ion 194.00 (193.70 to 194.70): BM005233.D (-1895) (-)

Ion 164.00 (163.70 to 164.70): BM005233.D (-1895) (-)

Time-->



#47

Acenaphthylene

Concen: 4.51 ng/ul

RT: 14.13 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

Instrument :

BNA_M

ClientSampleId :

BC7M6

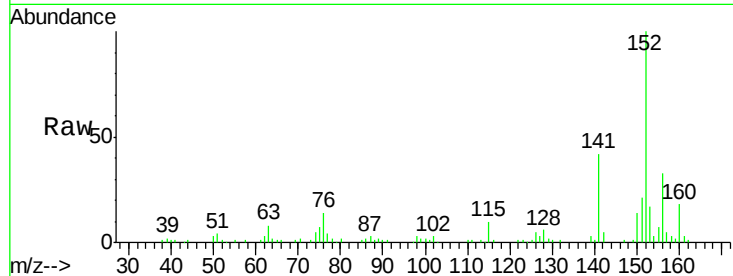
Tgt Ion:152 Resp: 108465

Ion Ratio Lower Upper

152 100

151 20.5 16.0 24.0

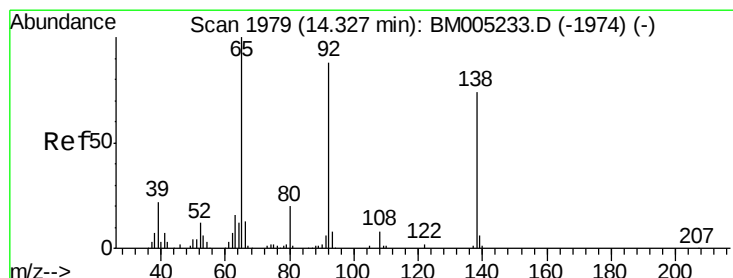
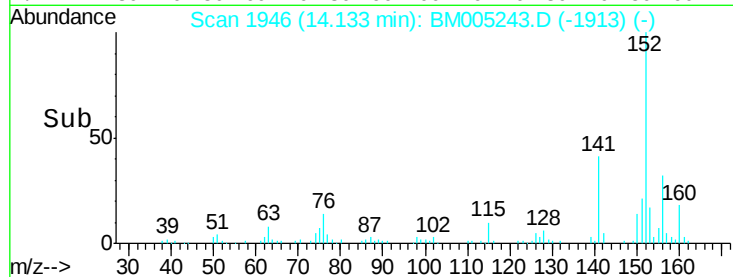
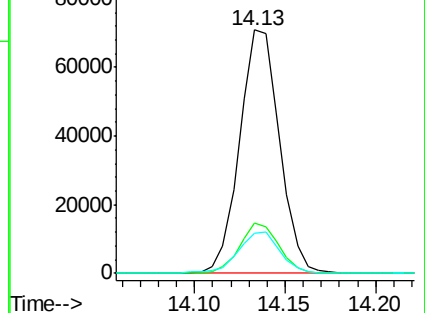
153 16.5 10.3 15.5#



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: 0.24 ng/ul

RT: 14.48 min Scan# 2005

Delta R.T. 0.15 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

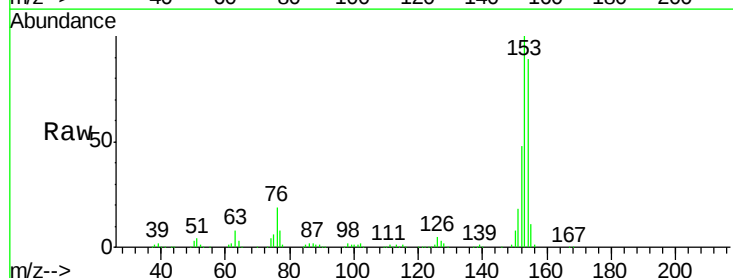
Tgt Ion:138 Resp: 986

Ion Ratio Lower Upper

138 100

108 0.0 8.6 13.0#

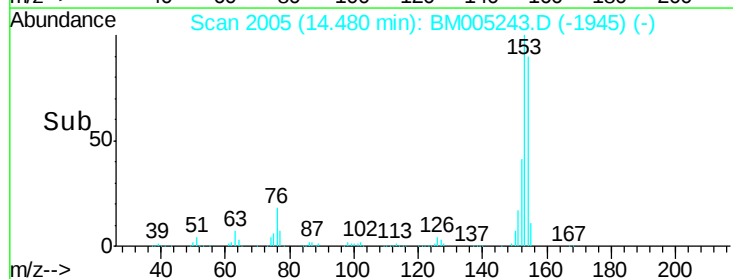
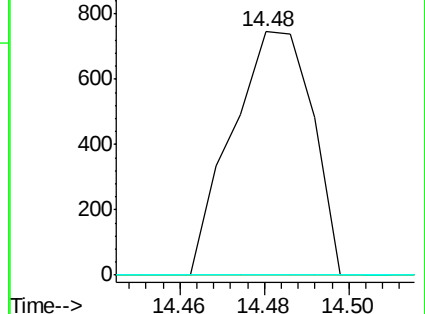
92 0.0 93.5 140.3#

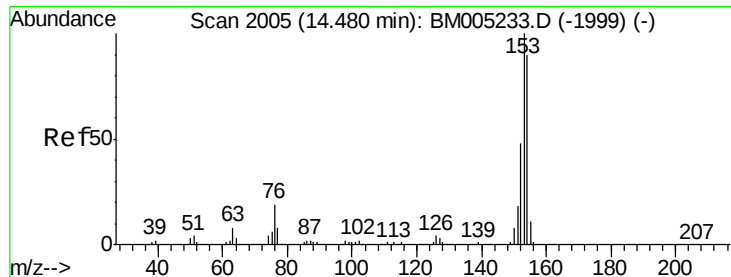


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 64.62 ng/ul

RT: 14.49 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

Instrument :

BNA_M

ClientSampleId :

BC7M6

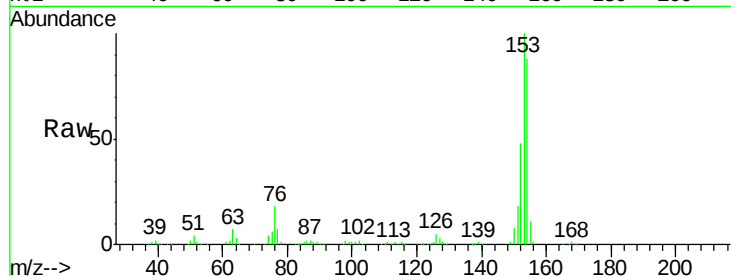
Tgt Ion:153 Resp: 1025015

Ion Ratio Lower Upper

153 100

152 48.0 38.9 58.3

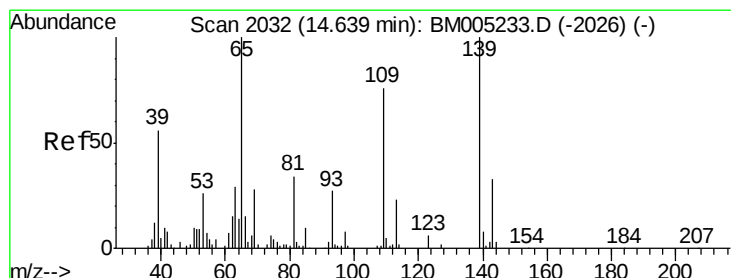
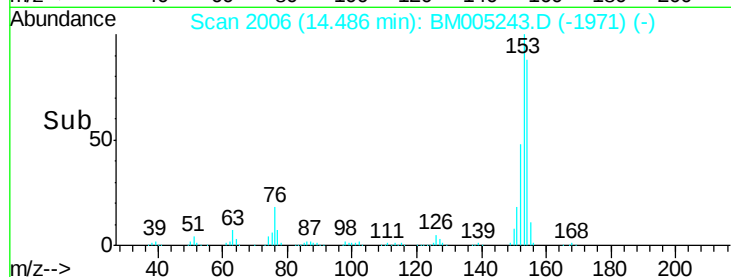
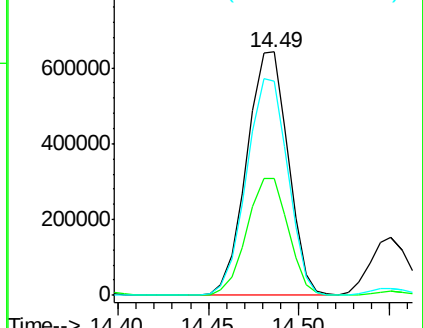
154 88.0 70.3 105.5



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: 0.53 ng/ul

RT: 14.48 min Scan# 2005

Delta R.T. -0.16 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

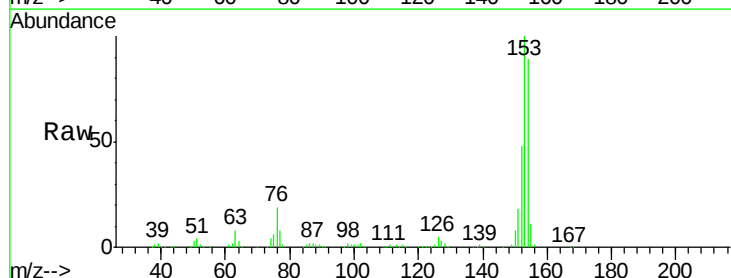
Tgt Ion:109 Resp: 1572

Ion Ratio Lower Upper

109 100

139 381.0 103.6 155.4#

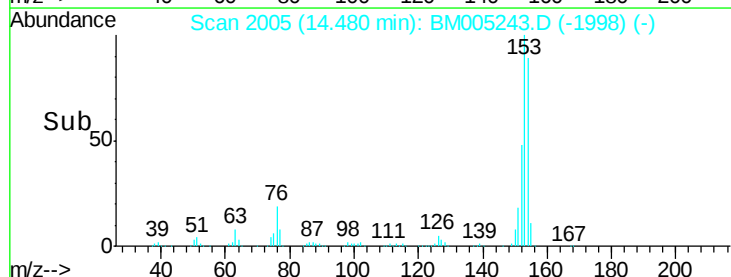
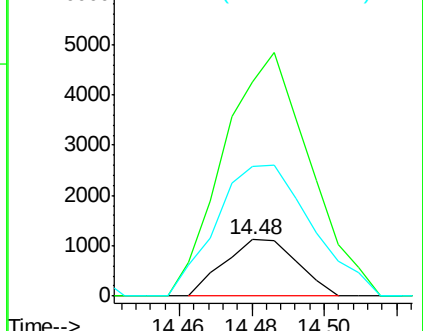
65 229.8 104.7 157.1#

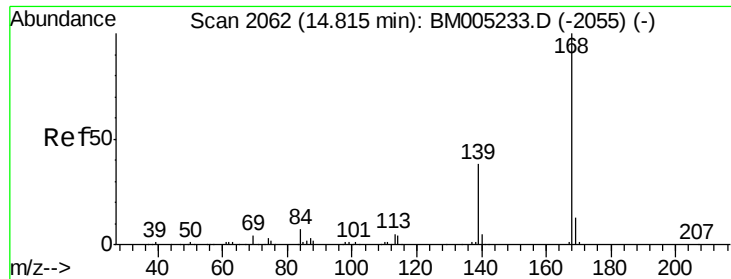


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

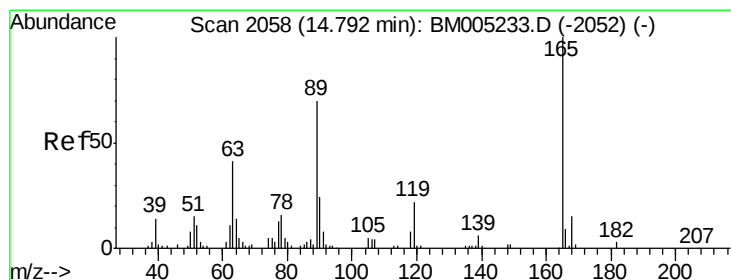
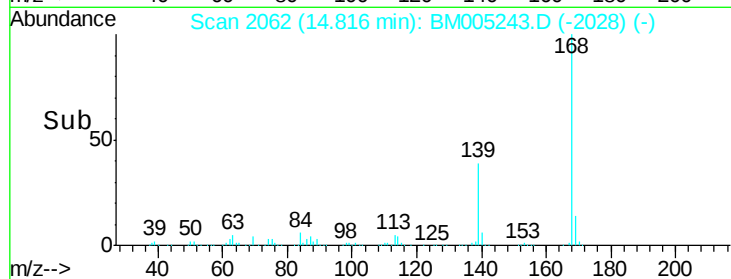
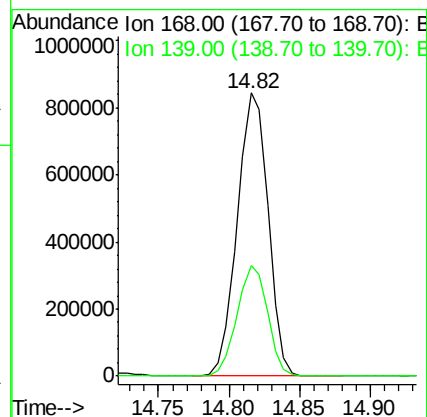
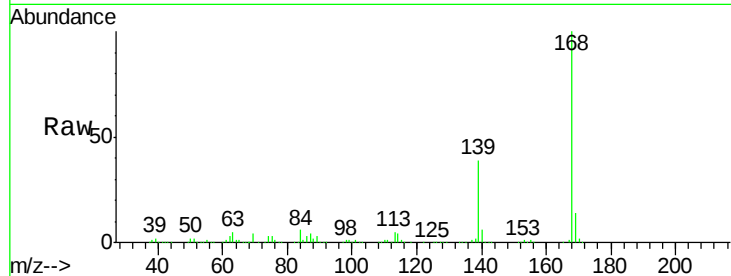




#53
Dibenzenofuran
Concen: 55.95 ng/ul
RT: 14.82 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BM005243.D
Acq: 05 May 2016 20:15

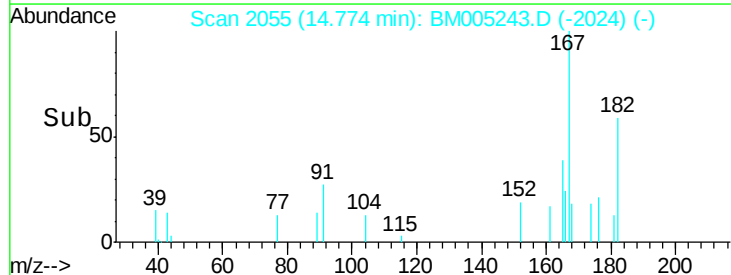
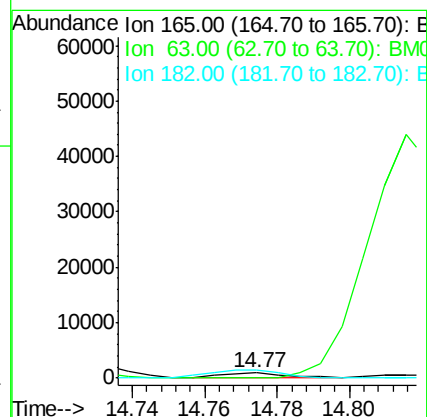
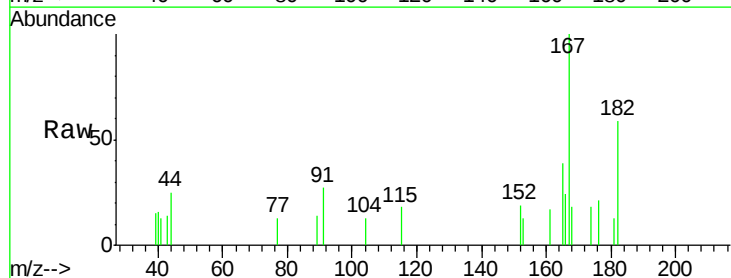
Instrument :
BNA_M
ClientSampleId :
BC7M6

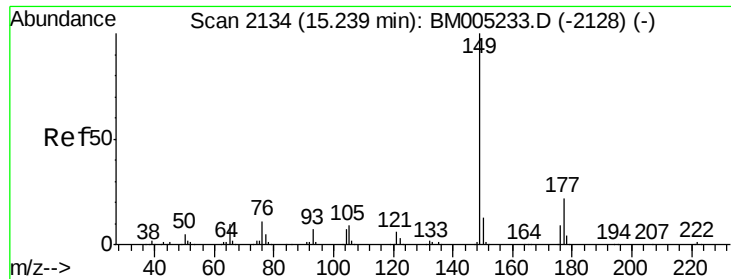
Tgt Ion:168 Resp: 1287732
Ion Ratio Lower Upper
168 100
139 39.2 30.3 45.5



#54
2,4-Dinitrotoluene
Concen: 0.23 ng/ul
RT: 14.77 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BM005243.D
Acq: 05 May 2016 20:15

Tgt Ion:165 Resp: 1327
Ion Ratio Lower Upper
165 100
63 0.0 36.2 54.4#
182 150.0 2.5 3.7#

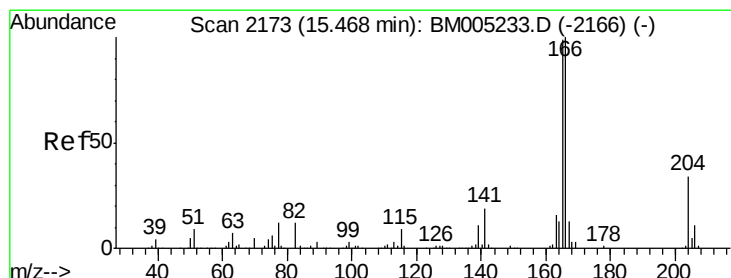
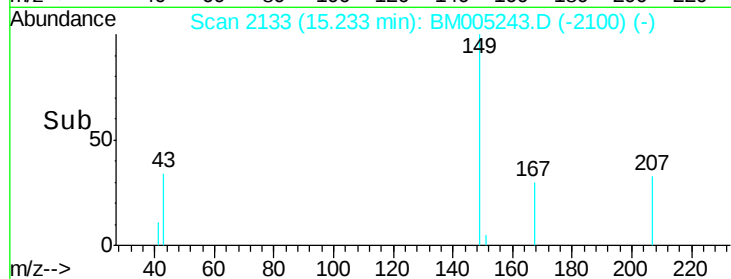
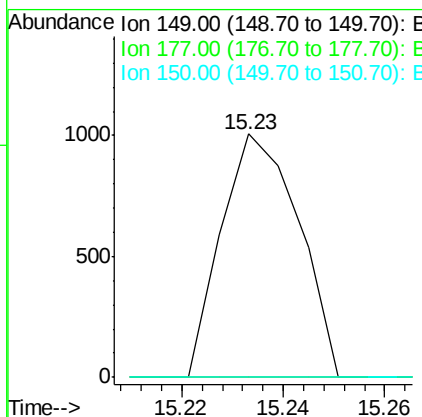
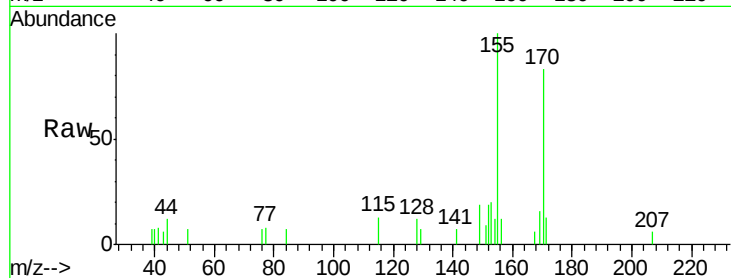




#56
Diethylphthalate
Concen: 0.05 ng/ul
RT: 15.23 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM005243.D
Acq: 05 May 2016 20:15

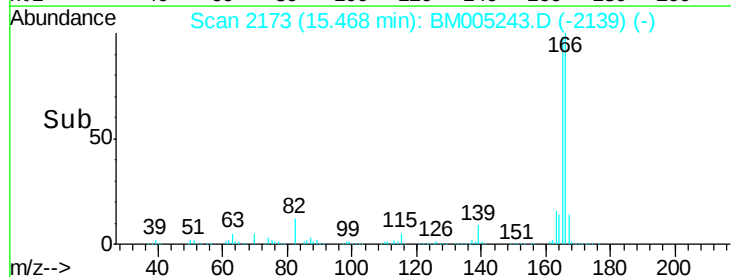
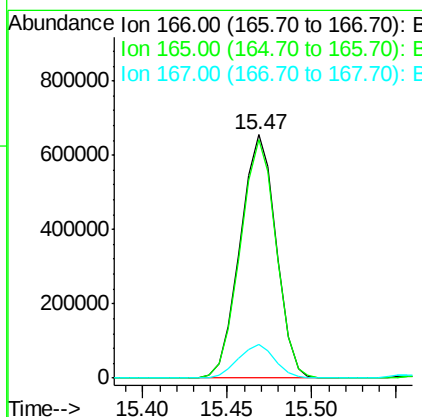
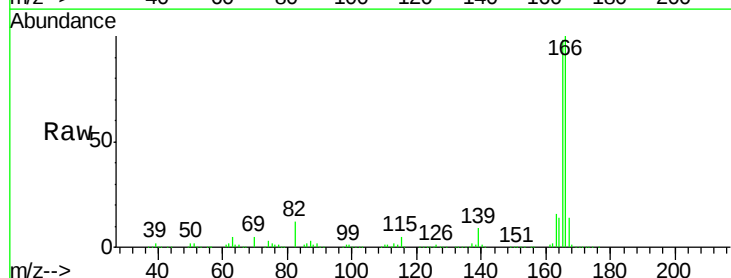
Instrument :
BNA_M
ClientSampleId :
BC7M6

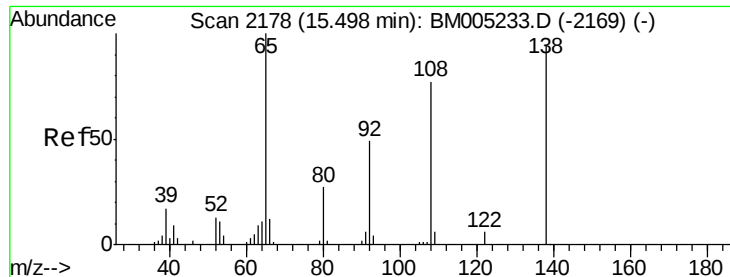
Tgt Ion:149 Resp: 1060
Ion Ratio Lower Upper
149 100
177 0.0 17.6 26.4#
150 0.0 9.8 14.8#



#58
Fluorene
Concen: 53.78 ng/ul
RT: 15.47 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BM005243.D
Acq: 05 May 2016 20:15

Tgt Ion:166 Resp: 967693
Ion Ratio Lower Upper
166 100
165 97.7 77.9 116.9
167 13.6 10.6 16.0

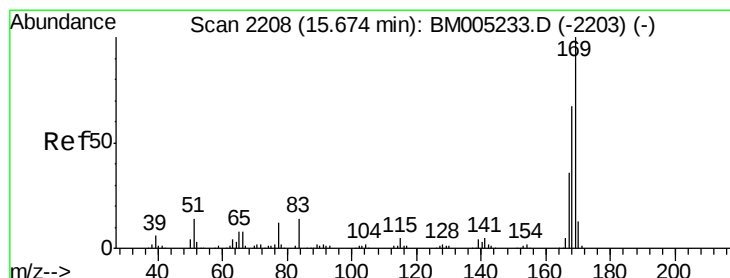
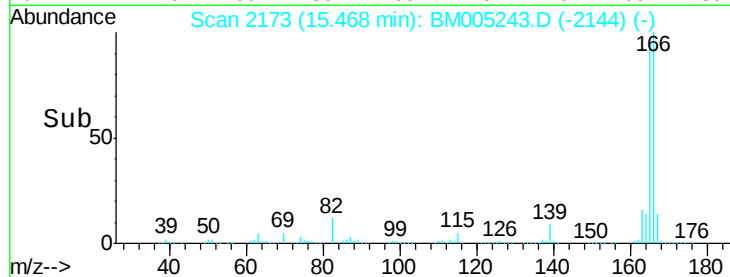
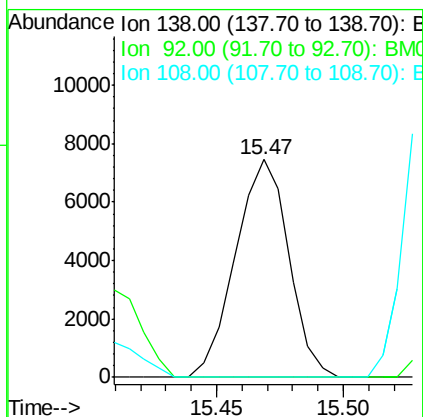
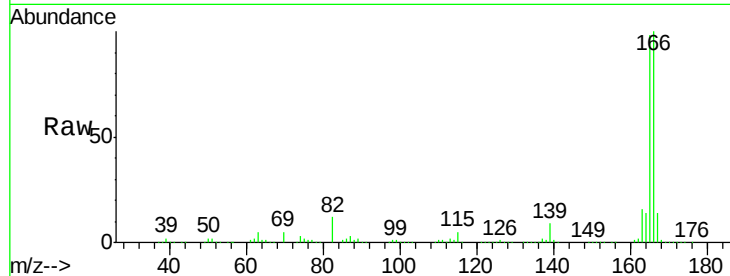




#60
4-Nitroaniline
Concen: 2.53 ng/ul
RT: 15.47 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BM005243.D
Acq: 05 May 2016 20:15

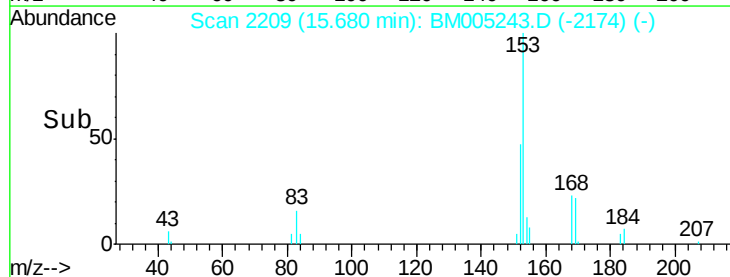
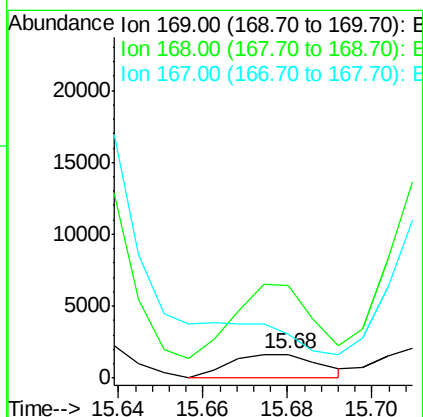
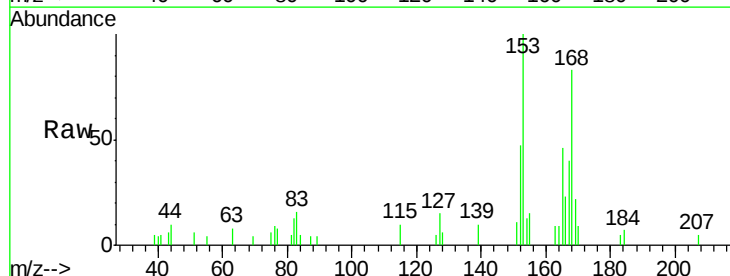
Instrument :
BNA_M
ClientSampleId :
BC7M6

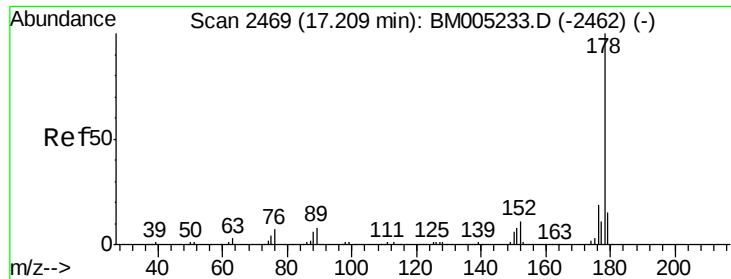
Tgt Ion	Ratio	Lower	Upper
138	100		
92	0.0	44.3	66.5#
108	0.0	66.3	99.5#



#64
N-Nitrosodiphenylamine
Concen: 0.15 ng/ul
RT: 15.68 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BM005243.D
Acq: 05 May 2016 20:15

Tgt Ion	Ratio	Lower	Upper
169	100		
168	387.9	52.9	79.3#
167	187.1	28.2	42.4#





#69

Phenanthrene

Concen: 60.60 ng/ul

RT: 17.21 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

Instrument :

BNA_M

ClientSampleId :

BC7M6

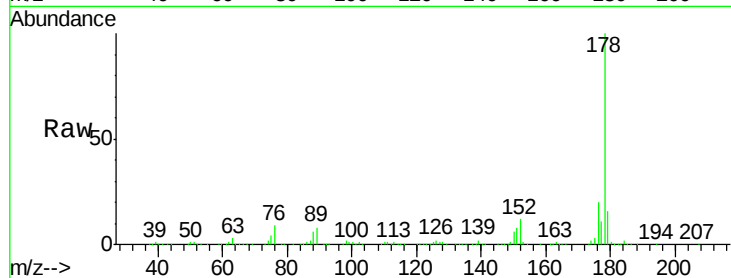
Tgt Ion:178 Resp: 1875010

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

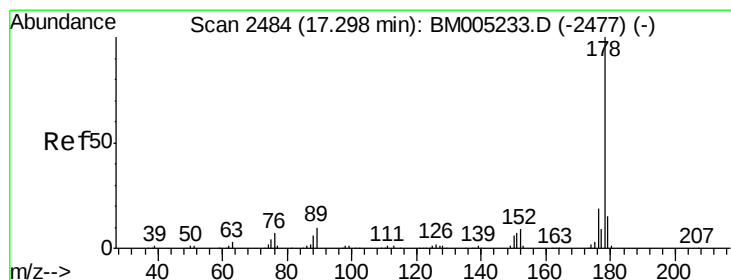
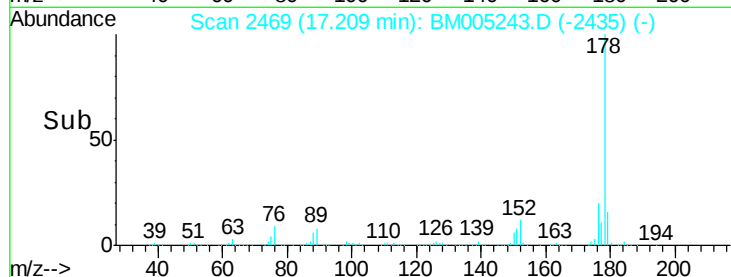
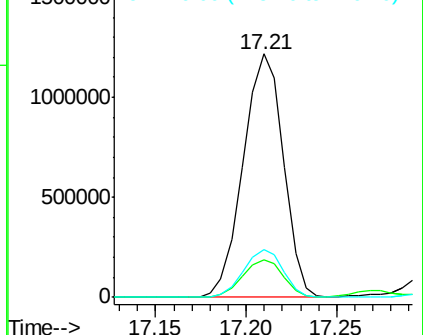
176 19.8 15.2 22.8



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



#71

Anthracene

Concen: 4.64 ng/ul

RT: 17.30 min Scan# 2484

Delta R.T. 0.00 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

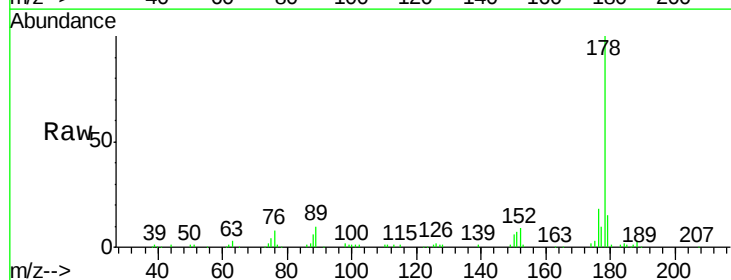
Tgt Ion:178 Resp: 143208

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

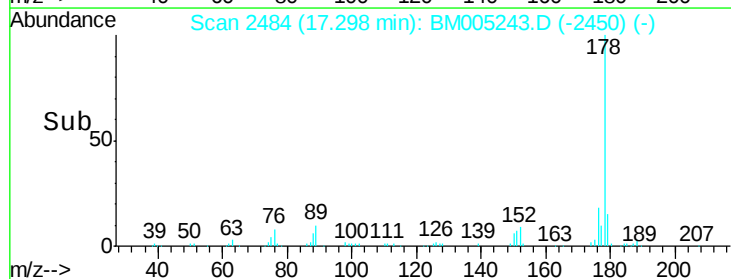
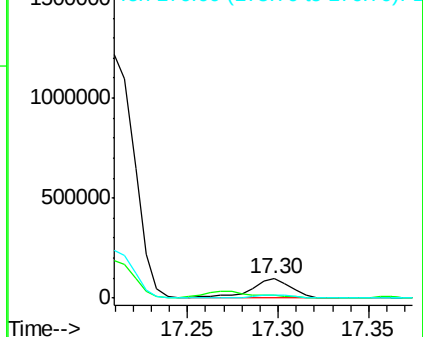
176 18.5 15.1 22.7

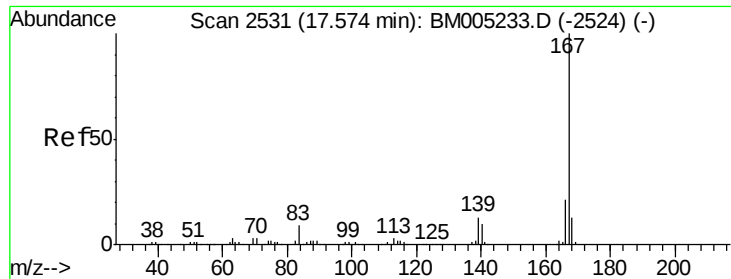


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

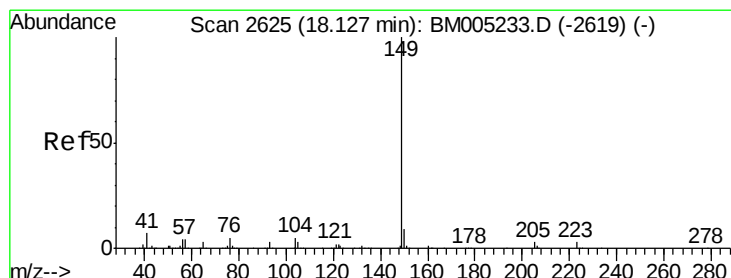
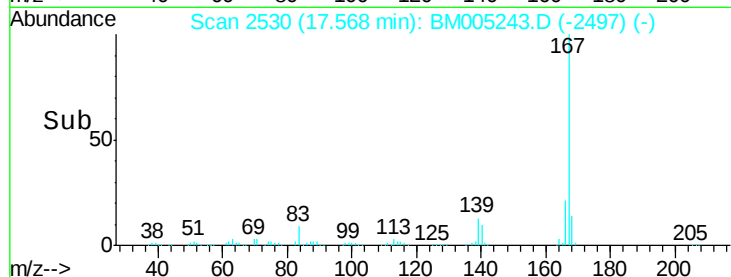
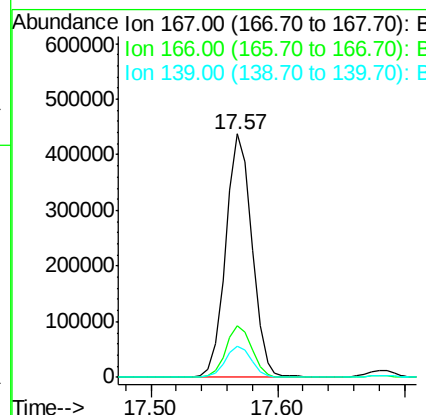
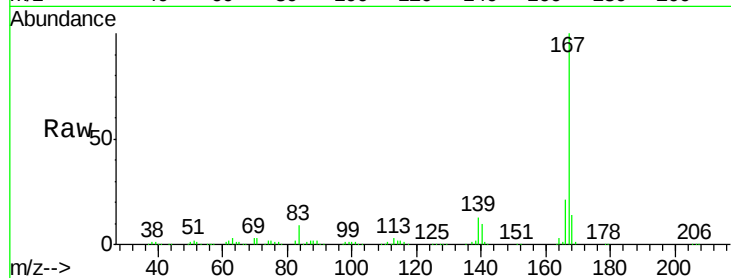




#72
 Carbazole
 Concen: 23.20 ng/ul
 RT: 17.57 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BM005243.D
 Acq: 05 May 2016 20:15

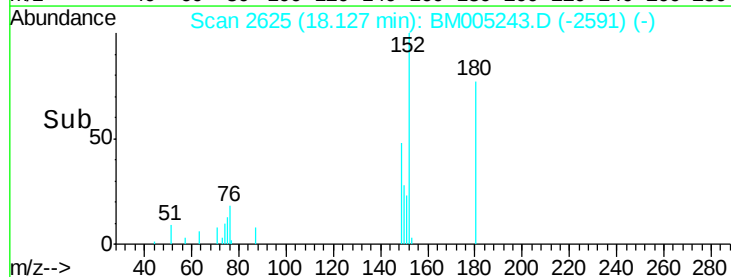
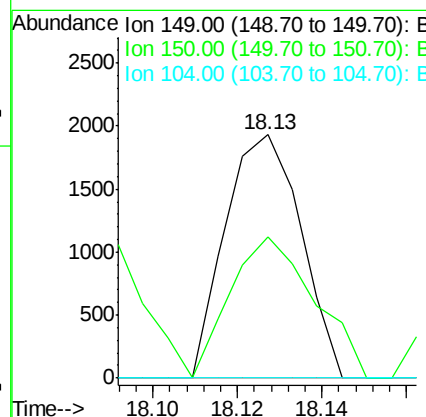
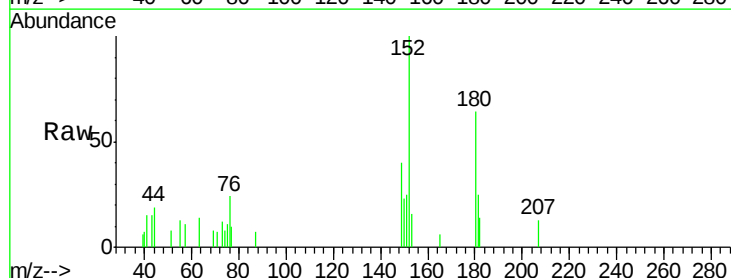
Instrument :
 BNA_M
 ClientSampleId :
 BC7M6

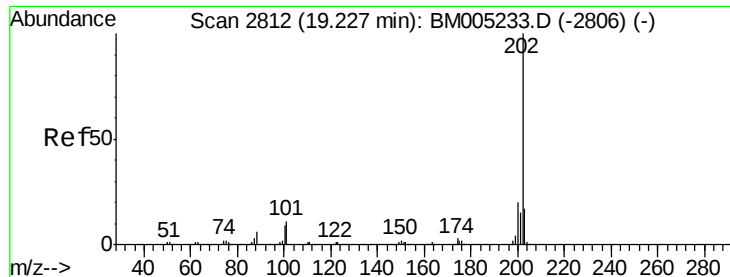
Tgt Ion:167 Resp: 629651
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 13.0 10.2 15.2



#73
 Di-n-butylphthalate
 Concen: 0.07 ng/ul
 RT: 18.13 min Scan# 2625
 Delta R.T. 0.00 min
 Lab File: BM005243.D
 Acq: 05 May 2016 20:15

Tgt Ion:149 Resp: 2401
 Ion Ratio Lower Upper
 149 100
 150 57.9 7.3 10.9#
 104 0.0 4.1 6.1#





#74

Fluoranthene

Concen: 9.96 ng/ul

RT: 19.23 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

Instrument :

BNA_M

ClientSampleId :

BC7M6

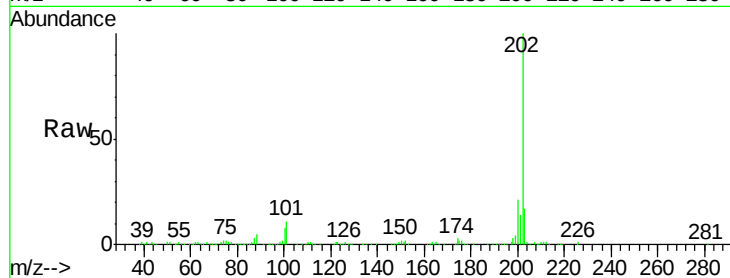
Tgt Ion:202 Resp: 341262

Ion Ratio Lower Upper

202 100

101 10.6 9.2 13.8

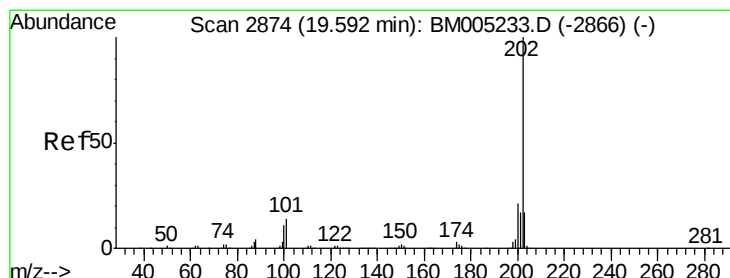
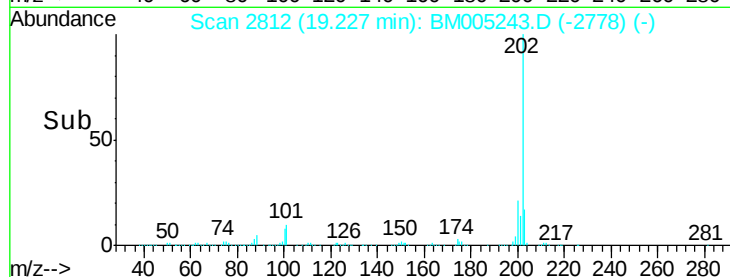
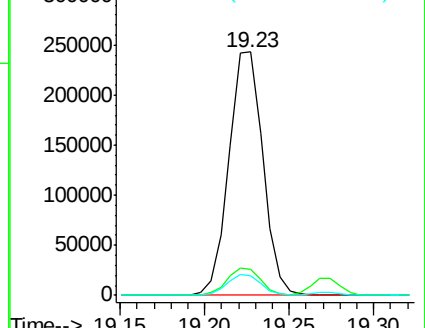
100 8.1 7.1 10.7



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: 5.05 ng/ul

RT: 19.59 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

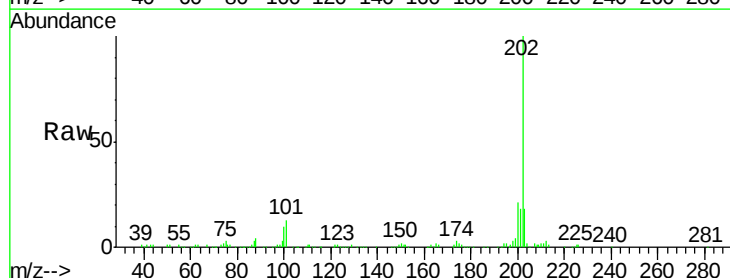
Tgt Ion:202 Resp: 204607

Ion Ratio Lower Upper

202 100

101 13.1 10.8 16.2

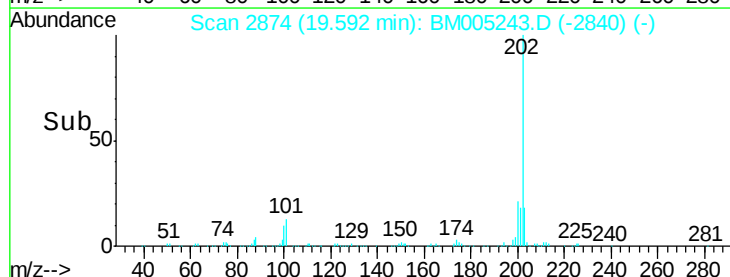
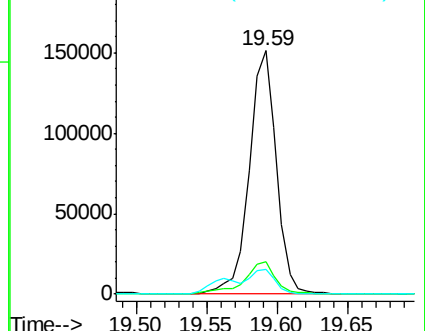
100 10.0 8.4 12.6

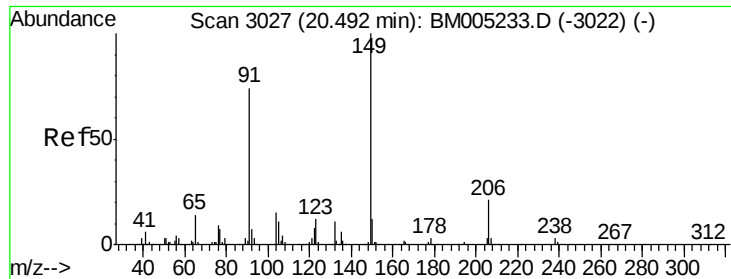


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

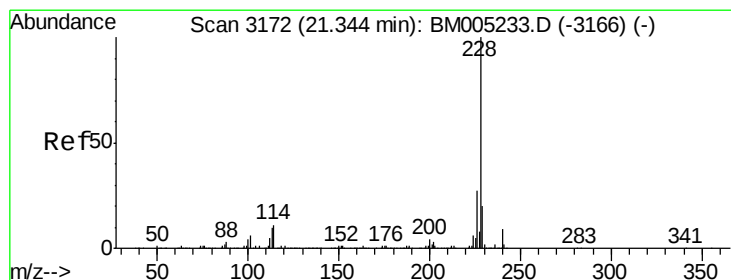
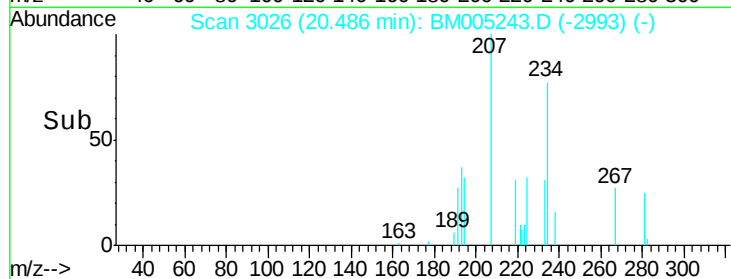
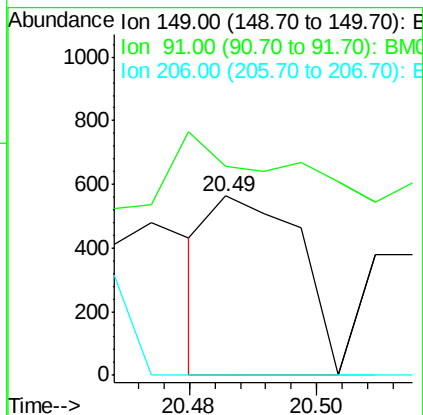
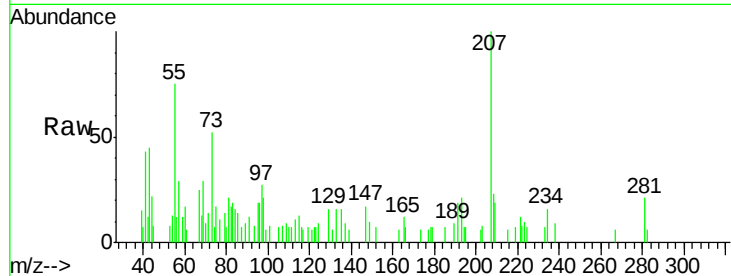




#78
Butylbenzylphthalate
Concen: 0.03 ng/ul
RT: 20.49 min Scan# 3026
Delta R.T. -0.01 min
Lab File: BM005243.D
Acq: 05 May 2016 20:15

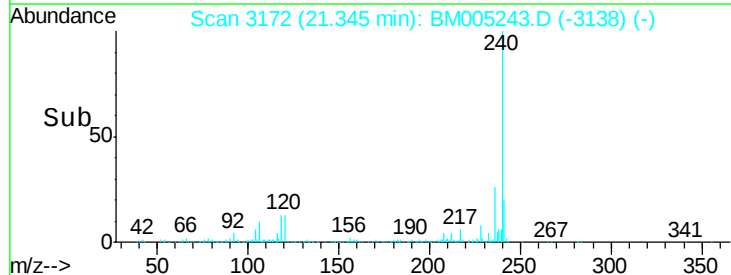
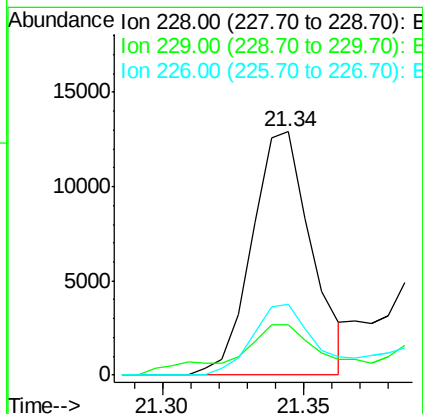
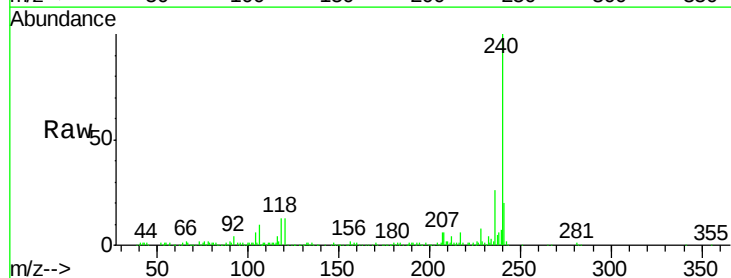
Instrument :
BNA_M
ClientSampleId :
BC7M6

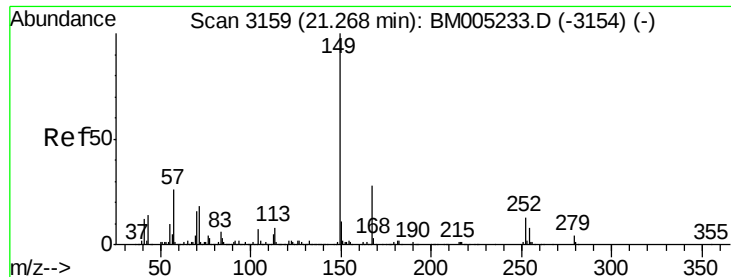
Tgt Ion:149 Resp: 543
Ion Ratio Lower Upper
149 100
91 116.1 58.4 87.6#
206 0.0 17.3 25.9#



#80
Benzo(a)anthracene
Concen: 0.47 ng/ul
RT: 21.34 min Scan# 3172
Delta R.T. 0.00 min
Lab File: BM005243.D
Acq: 05 May 2016 20:15

Tgt Ion:228 Resp: 18846
Ion Ratio Lower Upper
228 100
229 20.5 15.5 23.3
226 28.8 21.8 32.8





#81

Bis(2-ethylhexyl)phthalate

Concen: 0.22 ng/ul

RT: 21.26 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

Instrument :

BNA_M

ClientSampleId :

BC7M6

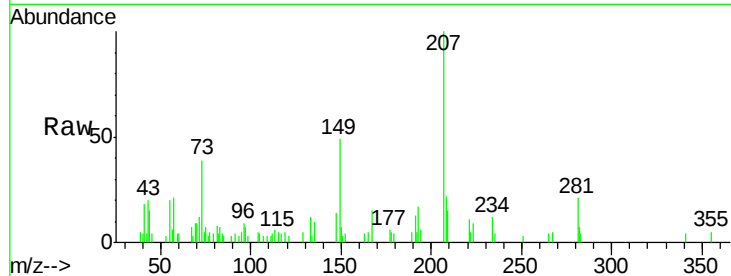
Tgt Ion:149 Resp: 5194

Ion Ratio Lower Upper

149 100

167 30.6 21.9 32.9

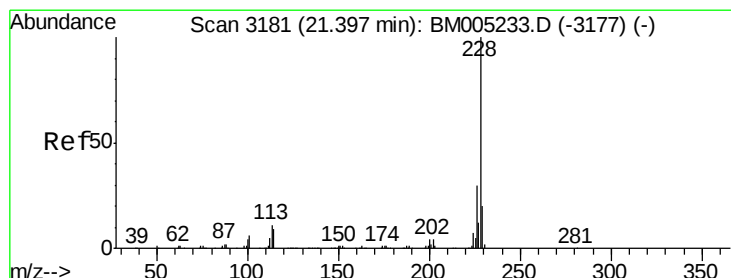
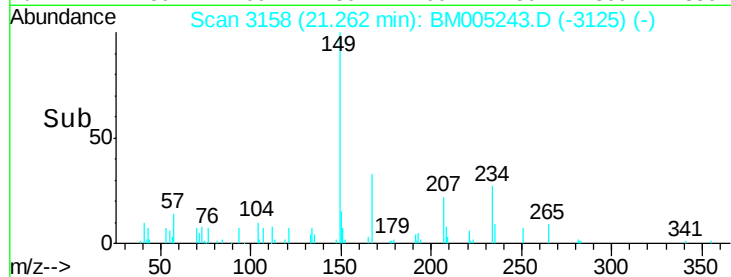
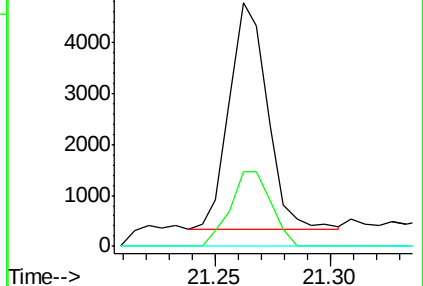
279 0.0 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 0.49 ng/ul

RT: 21.34 min Scan# 3172

Delta R.T. -0.05 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

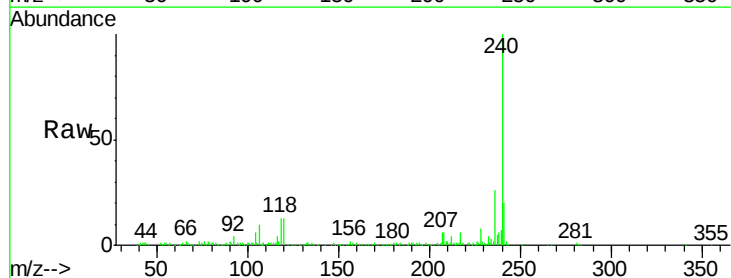
Tgt Ion:228 Resp: 18846

Ion Ratio Lower Upper

228 100

226 28.8 23.6 35.4

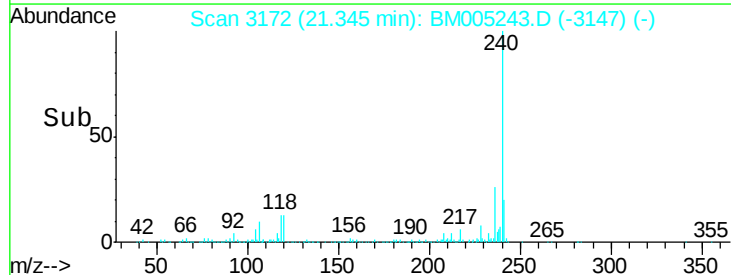
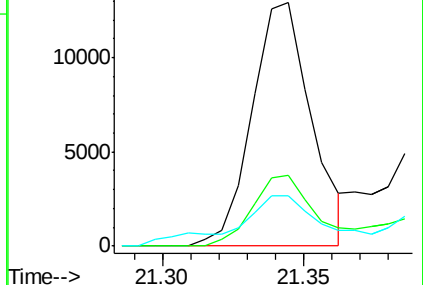
229 20.5 15.4 23.0

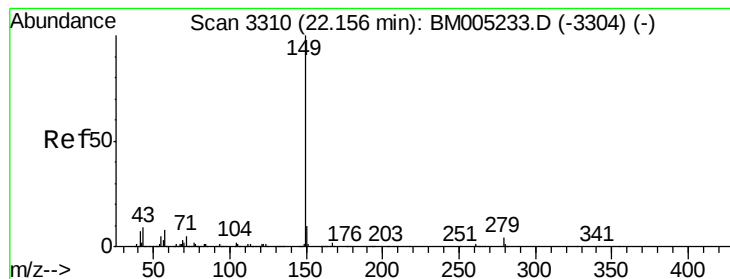


Abundance Ion 228.00 (227.70 to 228.70): E

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: 22.16 min Scan# 3310

Delta R.T. 0.00 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

Instrument :

BNA_M

ClientSampleId :

BC7M6

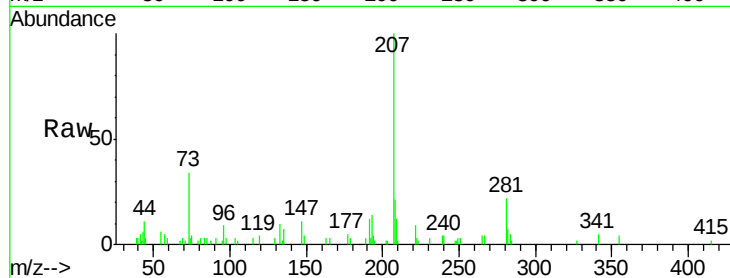
Tgt Ion:149 Resp: 343

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

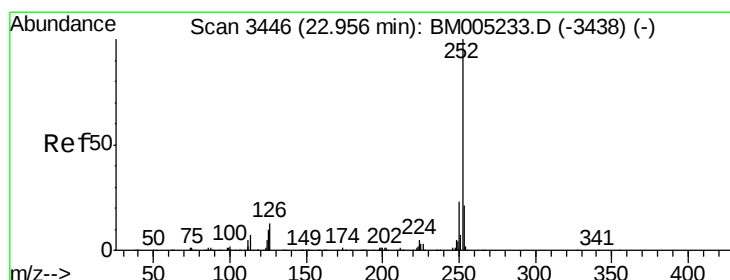
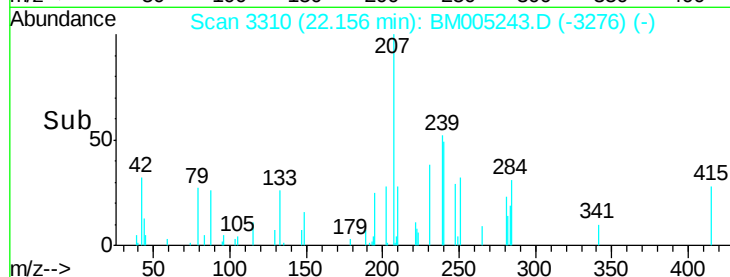
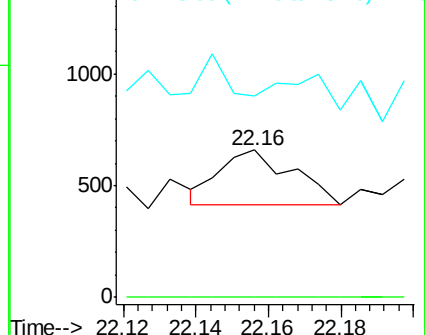
43 137.1 7.4 11.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#85

Benzo(b)fluoranthene

Concen: 0.24 ng/ul

RT: 22.95 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

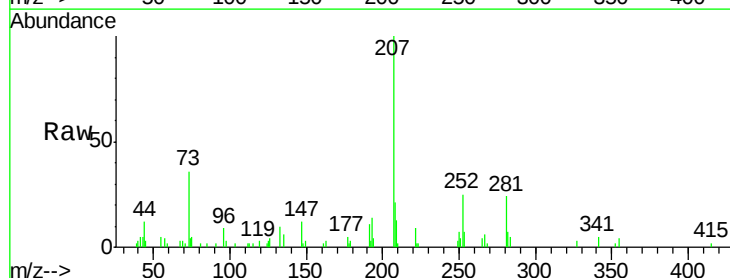
Tgt Ion:252 Resp: 9605

Ion Ratio Lower Upper

252 100

253 29.9 17.4 26.2#

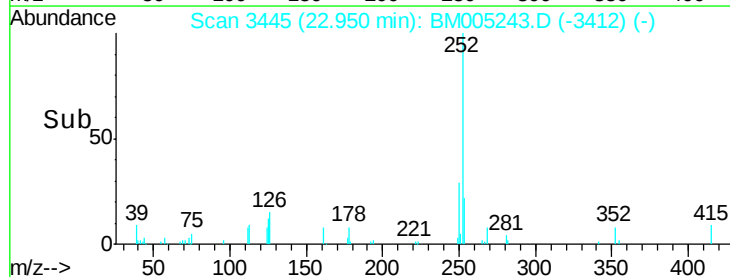
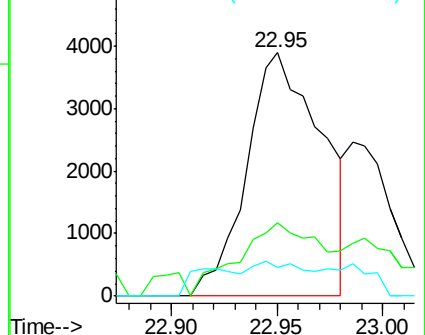
125 11.8 8.4 12.6

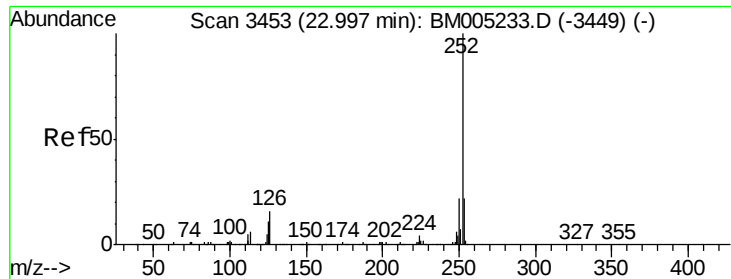


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 0.25 ng/ul

RT: 22.95 min Scan# 3445

Delta R.T. -0.05 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

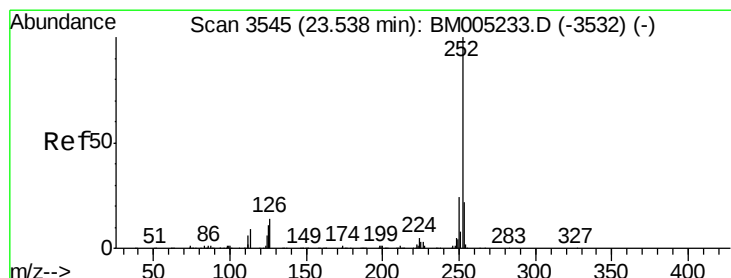
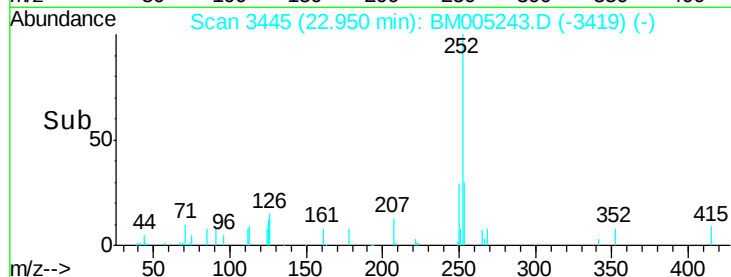
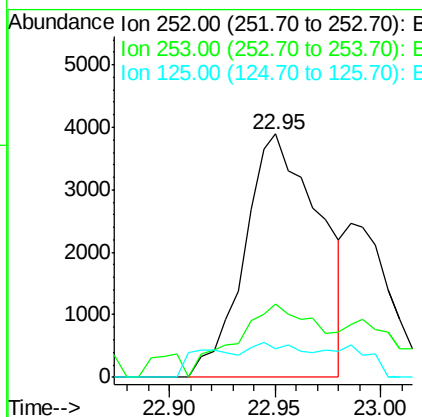
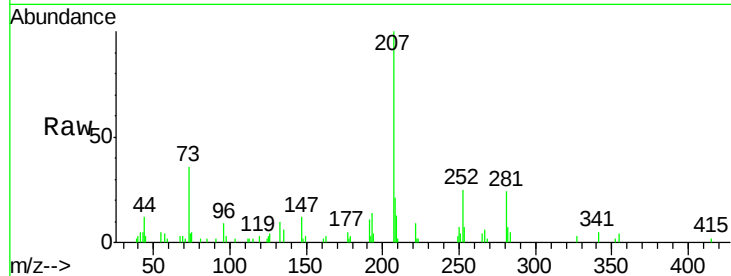
Instrument :

BNA_M

ClientSampleId :

BC7M6

Tgt Ion:	252	Resp:	9605
Ion Ratio	Lower	Upper	
252	100		
253	29.9	17.3	25.9#
125	11.8	8.0	12.0



#88

Benzo(a)pyrene

Concen: 0.17 ng/ul

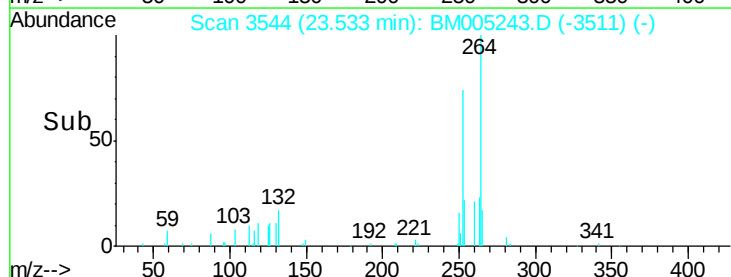
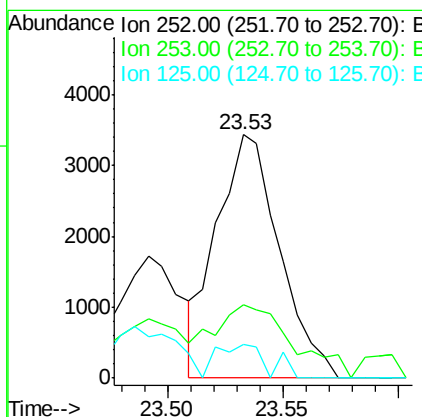
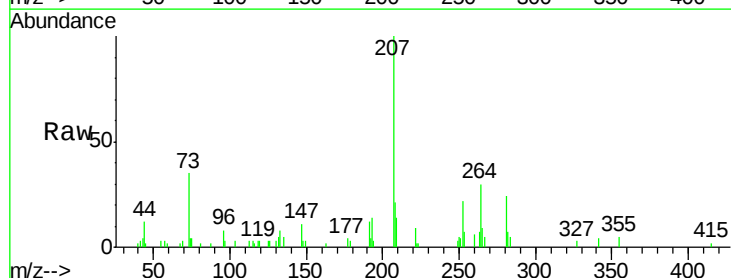
RT: 23.53 min Scan# 3544

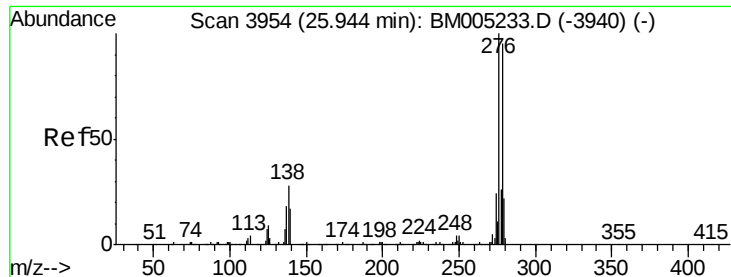
Delta R.T. -0.01 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

Tgt Ion:	252	Resp:	6509
Ion Ratio	Lower	Upper	
252	100		
253	29.9	17.5	26.3#
125	13.9	8.7	13.1#





#89

Indeno(1,2,3-cd)pyrene

Concen: 0.08 ng/ul

RT: 25.93 min Scan# 3952

Delta R.T. -0.01 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

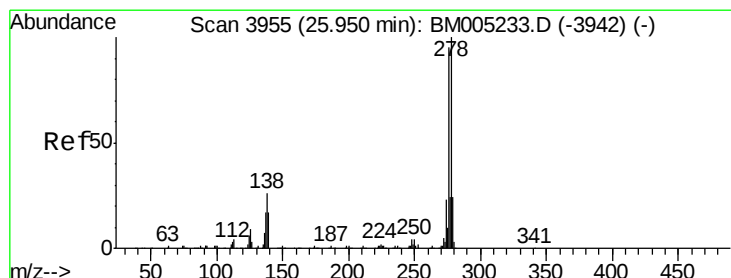
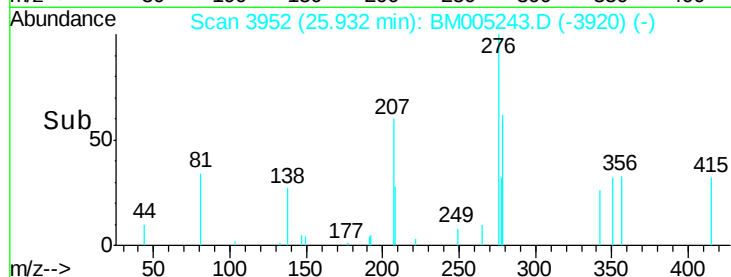
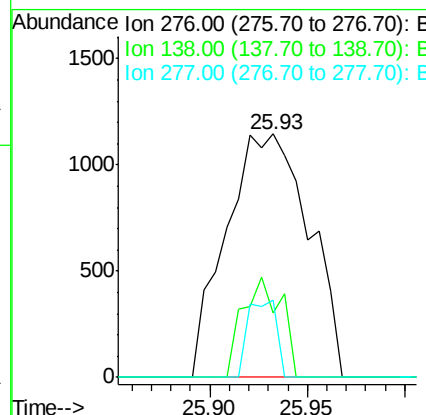
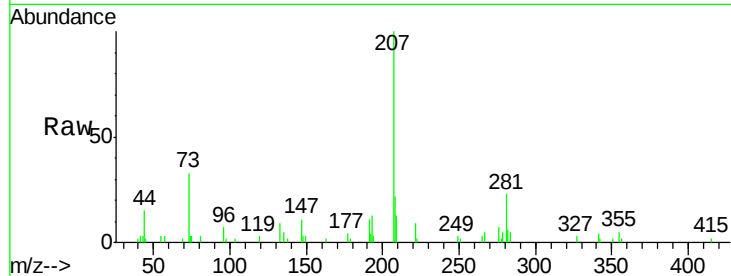
Instrument :

BNA_M

ClientSampleId :

BC7M6

Tgt Ion:	276	Resp:	3367
Ion Ratio		Lower	Upper
276	100		
138	26.5	21.0	31.6
277	31.8	19.9	29.9#



#90

Dibenzo(a,h)anthracene

Concen: 0.05 ng/ul

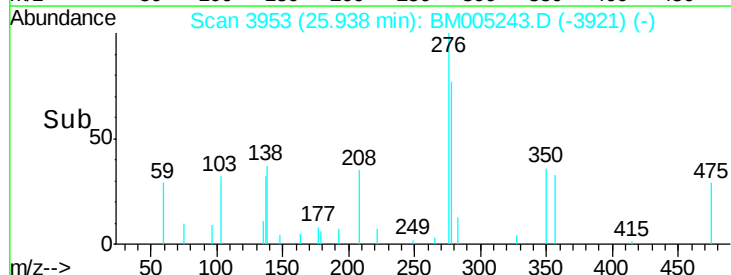
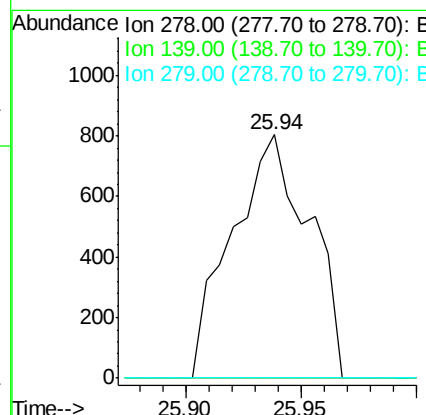
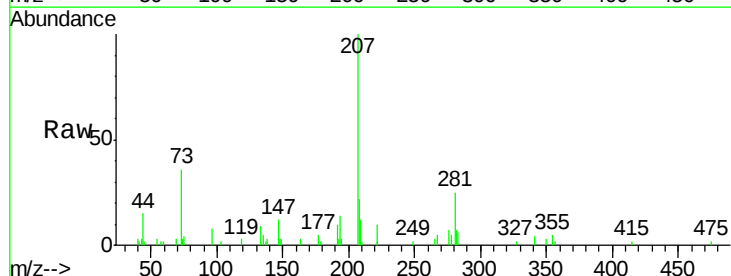
RT: 25.94 min Scan# 3953

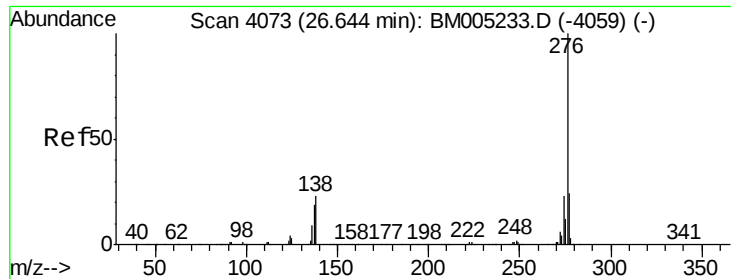
Delta R.T. -0.01 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

Tgt Ion:	278	Resp:	1871
Ion Ratio		Lower	Upper
278	100		
139	0.0	13.8	20.6#
279	0.0	18.9	28.3#





#91

Benzo(g,h,i)perylene

Concen: 0.04 ng/ul

RT: 26.64 min Scan# 4073

Delta R.T. 0.00 min

Lab File: BM005243.D

Acq: 05 May 2016 20:15

Instrument :

BNA_M

ClientSampleId :

BC7M6

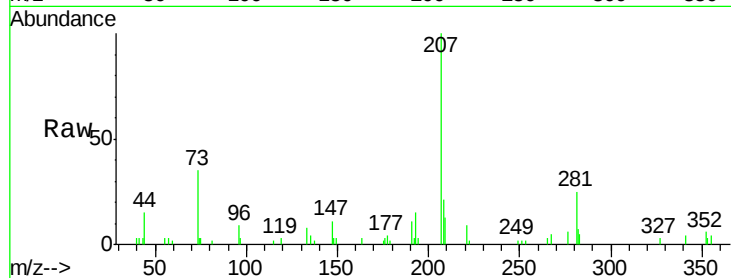
Tgt Ion: 276 Resp: 1393

Ion Ratio Lower Upper

276 100

138 0.0 18.2 27.4#

277 0.0 19.4 29.2#



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

