

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005245.D
 Acq On : 05 May 2016 21:28
 Operator : UM/SJ
 Sample : H2813-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7P2

Quant Time: May 06 04:20:45 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	7.78	152	83874	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	416303	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	267172	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	631155	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	777500	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	768496	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	2620	1.47	ng/uL	0.00
5) Phenol-d5	6.95	99	50505	6.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	129782	29.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	139628	24.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	101030	16.07	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	92664	31.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	106883	31.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	175015	27.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	13150	1.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	625689	29.22	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	749393	29.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	24064	6.16	ng/ul	0.00
57) Fluorene-d10	15.41	176	553814	29.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	110173	31.03	ng/ul	0.00
70) Anthracene-d10	17.27	188	857600	30.74	ng/ul	0.00
76) Pyrene-d10	19.56	212	1023440	28.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1052062	30.93	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	10102	3.11	ng/uL	97
4) Benzaldehyde	6.92	77	2205	0.60	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.20	93	641	0.11	ng/ul#	82
12) 2,2'-oxybis(1-Chloropropan	8.48	45	469	0.06	ng/ul#	67
14) Acetophenone	8.60	105	1497	0.16	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.48	70	2371	0.49	ng/ul#	1
17) Hexachloroethane	8.88	117	8160	3.69	ng/ul#	8
20) Nitrobenzene	8.95	77	3135	0.42	ng/ul#	1
21) Isophorone	9.65	82	8985	0.62	ng/ul#	71
28) Naphthalene	10.64	128	6764383	322.95	ng/ul	98
30) 4-Chloroaniline	10.64	127	937198	122.08	ng/ul#	18
34) 2-Methylnaphthalene	12.23	142	1808051	115.41	ng/ul	100
40) 1,1'-Biphenyl	13.25	154	744853	35.19	ng/ul	100
41) 2-Chloronaphthalene	13.25	162	868	0.05	ng/ul#	1
42) 2-Nitroaniline	13.55	65	787	0.16	ng/ul#	4
44) Dimethylphthalate	13.82	163	909	0.04	ng/ul#	1
47) Acenaphthylene	14.13	152	121360	4.57	ng/ul#	95
48) 3-Nitroaniline	14.48	138	1559	0.35	ng/ul#	1
49) Acenaphthene	14.49	153	1520847	86.84	ng/ul	99
52) 4-Nitrophenol	14.49	109	2483	0.76	ng/ul#	1
53) Dibenzofuran	14.82	168	1902636	74.88	ng/ul	97
54) 2,4-Dinitrotoluene	14.81	165	1323	0.21	ng/ul#	1
56) Diethylphthalate	15.23	149	1355	0.06	ng/ul#	75

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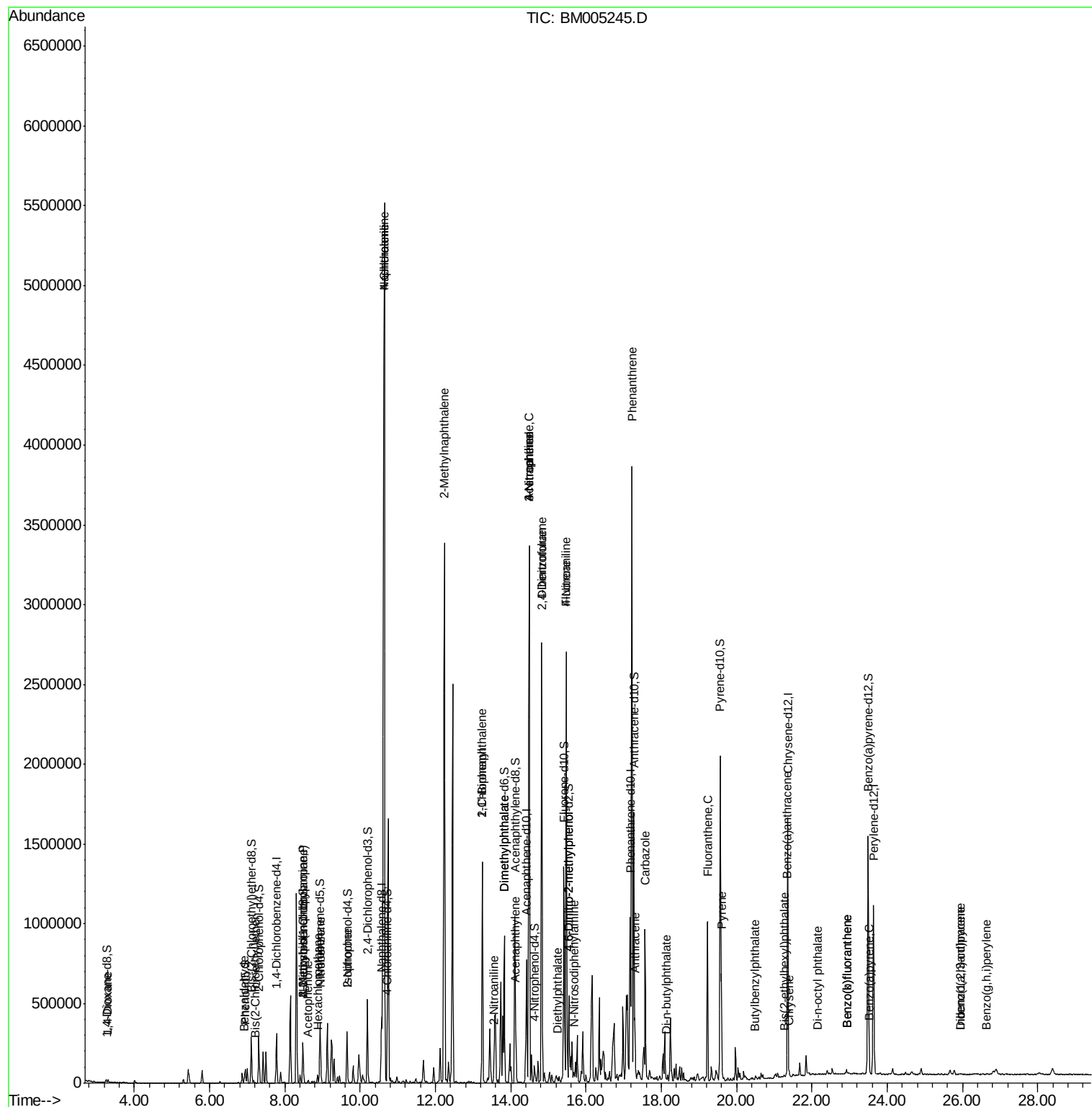
58) Fluorene	15.47	166	1234633	62.15	ng/ul	100
60) 4-Nitroaniline	15.47	138	14805	3.11	ng/ul#	18
63) 4,6-Dinitro-2-methylphenol	15.54	198	232	0.06	ng/ul#	1
64) N-Nitrosodiphenylamine	15.68	169	2975	0.17	ng/ul#	1
69) Phenanthrene	17.22	178	2617344	78.87	ng/ul	99
71) Anthracene	17.30	178	198390	6.00	ng/ul	100
72) Carbazole	17.57	167	595954	20.47	ng/ul	99
73) Di-n-butylphthalate	18.13	149	3420	0.10	ng/ul#	69
74) Fluoranthene	19.23	202	631059	17.16	ng/ul	98
77) Pyrene	19.59	202	399699	8.86	ng/ul	98
78) Butylbenzylphthalate	20.49	149	673	0.04	ng/ul#	1
80) Benzo(a)anthracene	21.34	228	27215	0.61	ng/ul#	96
81) Bis(2-ethylhexyl)phthalate	21.26	149	4610	0.18	ng/ul#	99
82) Chrysene	21.39	228	13870	0.33	ng/ul#	80
84) Di-n-octyl phthalate	22.16	149	294	0.01	ng/ul#	1
85) Benzo(b)fluoranthene	22.94	252	9843	0.22	ng/ul#	80
86) Benzo(k)fluoranthene	22.94	252	9843	0.23	ng/ul#	79
88) Benzo(a)pyrene	23.53	252	5851	0.14	ng/ul#	84
89) Indeno(1,2,3-cd)pyrene	25.93	276	2866	0.06	ng/ul#	49
90) Dibenzo(a,h)anthracene	25.94	278	1277	0.03	ng/ul#	55
91) Benzo(g,h,i)perylene	26.62	276	912	0.02	ng/ul#	52

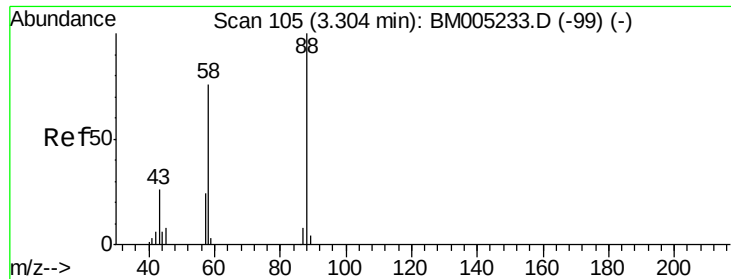
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 3.11 ng/uL

RT: 3.30 min Scan# 105

Delta R.T. 0.00 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Instrument :

BNA_M

ClientSampleId :

BC7P2

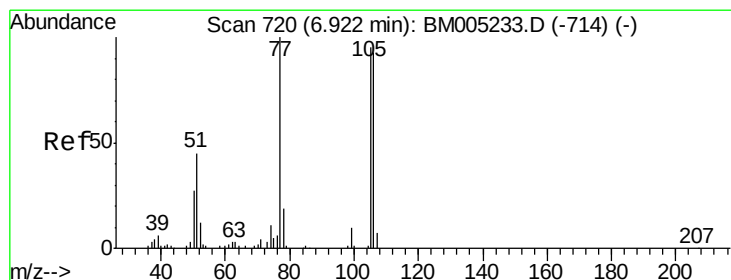
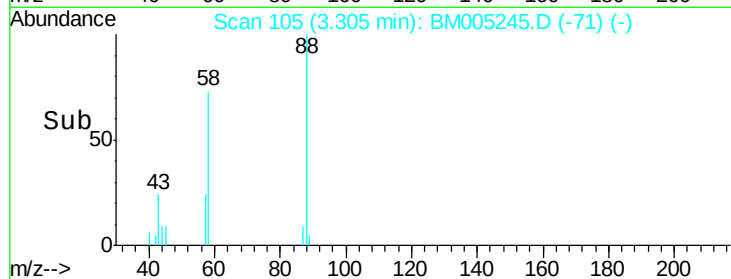
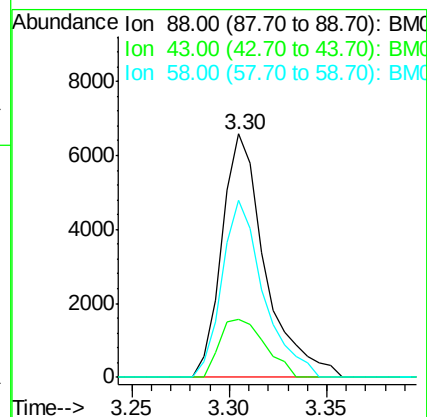
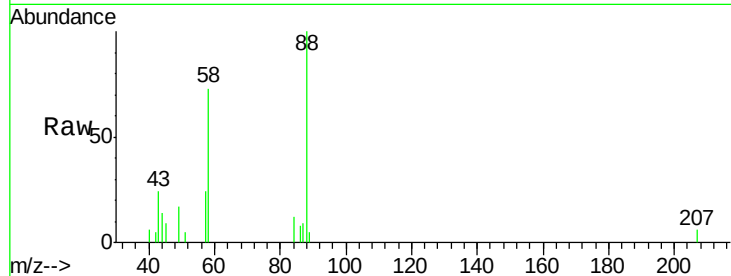
Tgt Ion: 88 Resp: 10102

Ion Ratio Lower Upper

88 100

43 24.9 19.3 28.9

58 69.9 57.9 86.9



#4

Benzaldehyde

Concen: 0.60 ng/uL

RT: 6.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

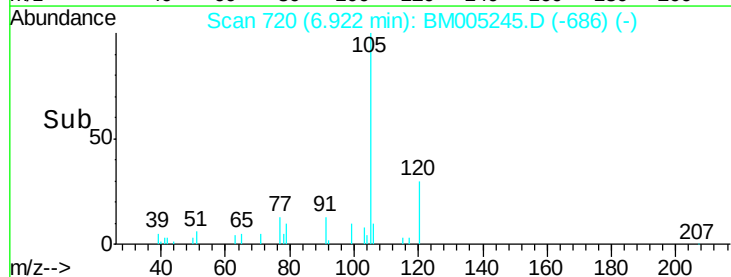
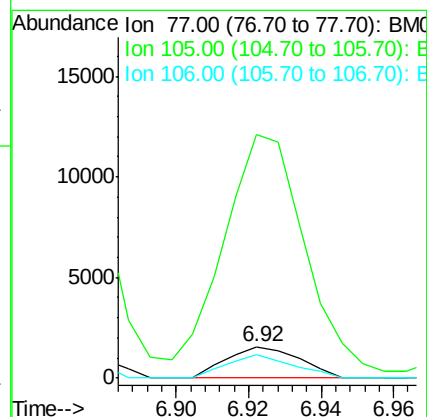
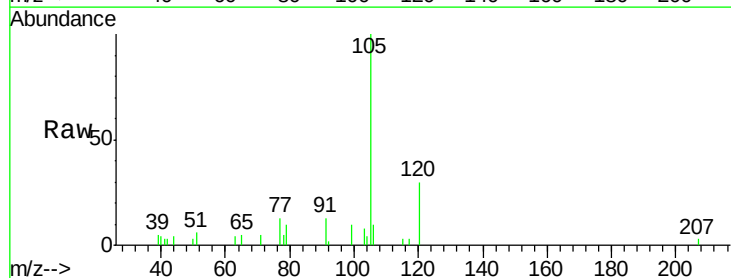
Tgt Ion: 77 Resp: 2205

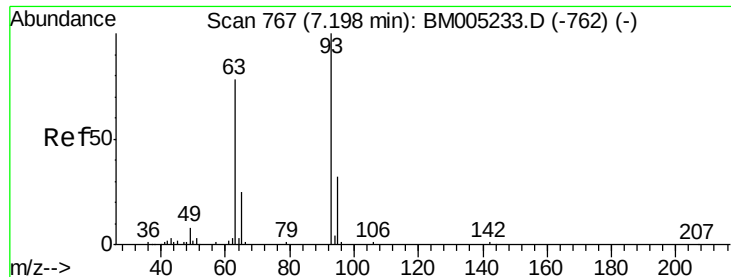
Ion Ratio Lower Upper

77 100

105 780.4 77.6 116.4#

106 76.7 77.9 116.9#





#8

Bis(2-Chloroethyl)ether

Concen: 0.11 ng/ul

RT: 7.20 min Scan# 768

Delta R.T. 0.01 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Instrument :

BNA_M

ClientSampleId :

BC7P2

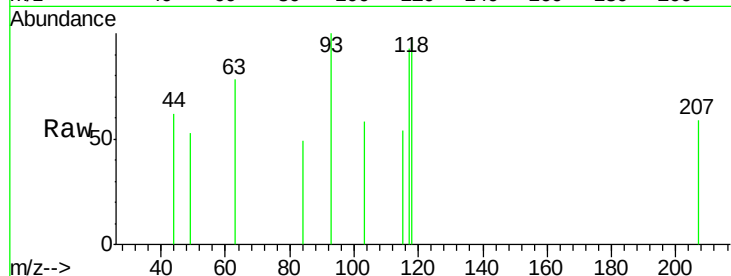
Tgt Ion: 93 Resp: 641

Ion Ratio Lower Upper

93 100

63 78.2 60.6 90.8

95 0.0 24.2 36.4#

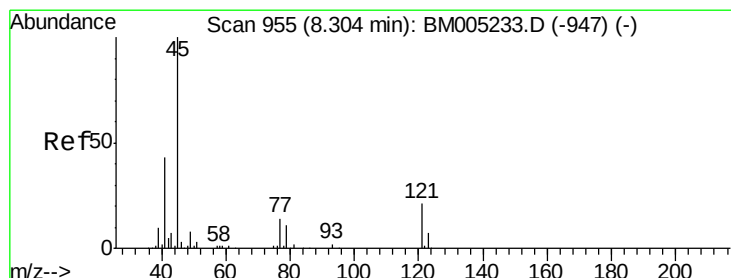
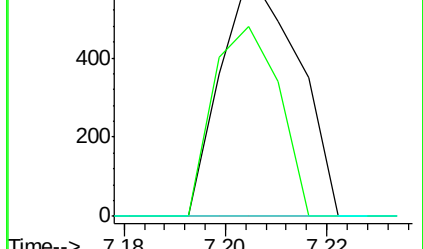
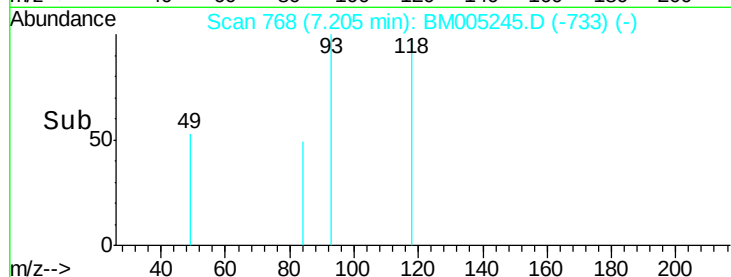


Abundance Ion 93.00 (92.70 to 93.70): BM005233.D (-762) (-)

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

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

Time-->



#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.06 ng/ul

RT: 8.48 min Scan# 984

Delta R.T. 0.17 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

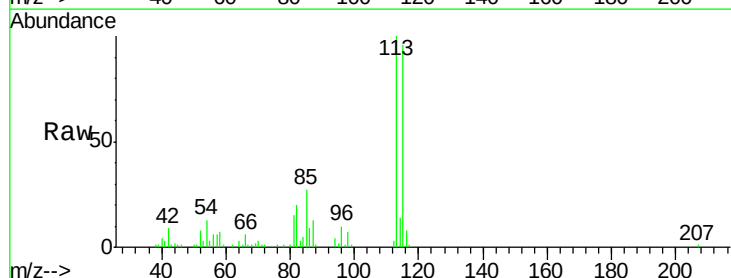
Tgt Ion: 45 Resp: 469

Ion Ratio Lower Upper

45 100

77 0.0 12.1 18.1#

79 0.0 9.0 13.4#

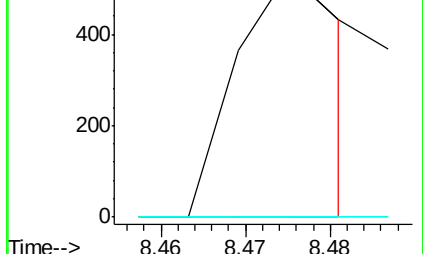
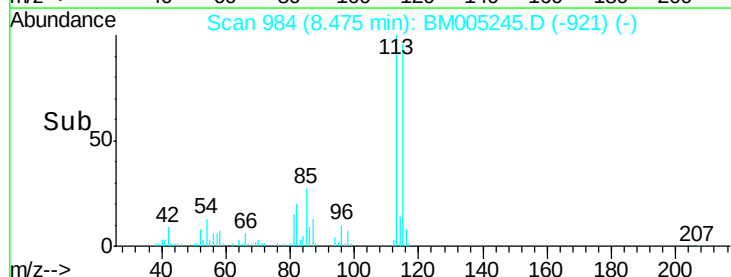


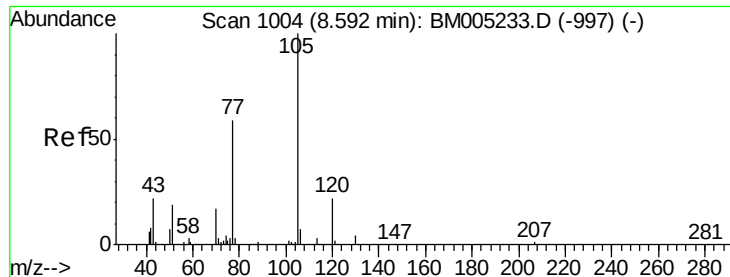
Abundance Ion 45.00 (44.70 to 45.70): BM005233.D (-947) (-)

Ion 77.00 (76.70 to 77.70): BM005233.D (-947) (-)

Ion 79.00 (78.70 to 79.70): BM005233.D (-947) (-)

Time-->

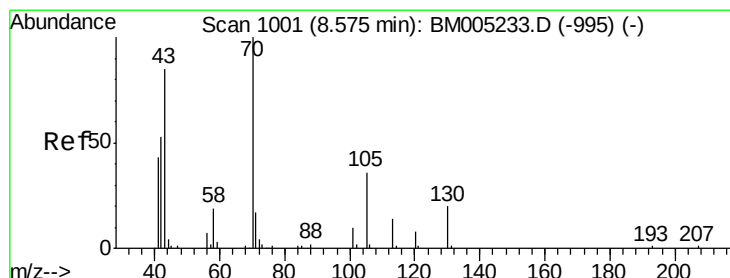
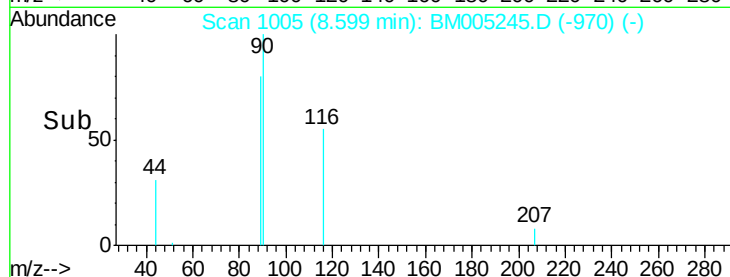
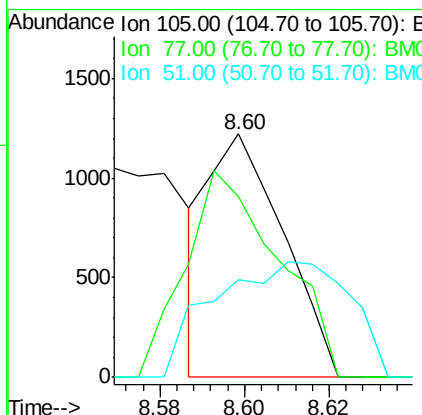
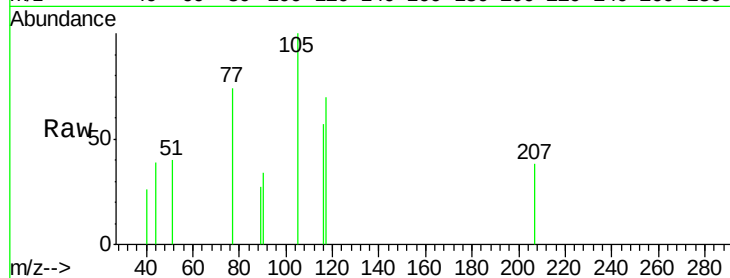




#14
Acetophenone
Concen: 0.16 ng/ul
RT: 8.60 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BM005245.D
Acq: 05 May 2016 21:28

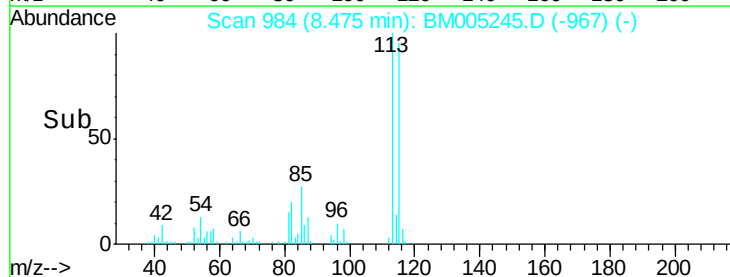
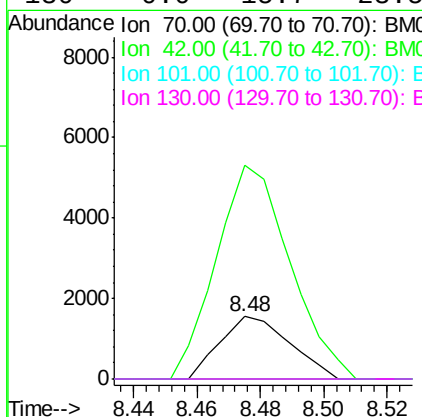
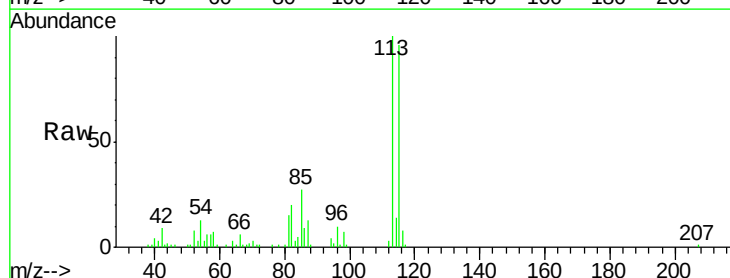
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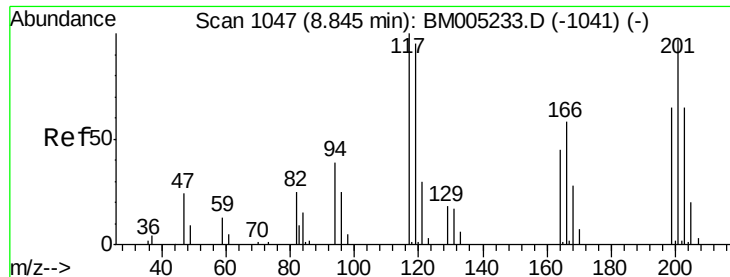
Tgt Ion: 105 Resp: 1497
Ion Ratio Lower Upper
105 100
77 74.1 61.2 91.8
51 40.3 21.2 31.8#



#15
N-Nitroso-di-n-propylamine
Concen: 0.49 ng/ul
RT: 8.48 min Scan# 984
Delta R.T. -0.10 min
Lab File: BM005245.D
Acq: 05 May 2016 21:28

Tgt Ion: 70 Resp: 2371
Ion Ratio Lower Upper
70 100
42 343.0 42.8 64.2#
101 0.0 7.8 11.6#
130 0.0 15.7 23.5#





#17

Hexachloroethane

Concen: 3.69 ng/ul

RT: 8.88 min Scan# 1052

Delta R.T. 0.03 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Instrument :

BNA_M

ClientSampleId :

BC7P2

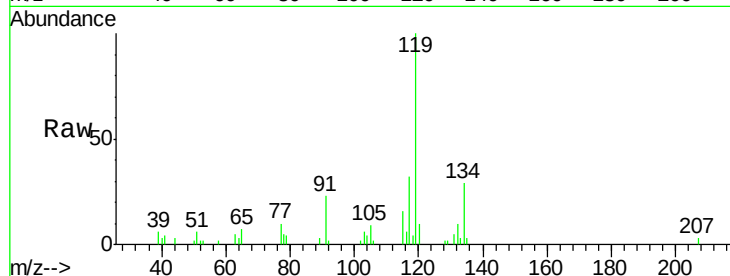
Tgt Ion:117 Resp: 8160

Ion Ratio Lower Upper

117 100

201 0.0 78.1 117.1#

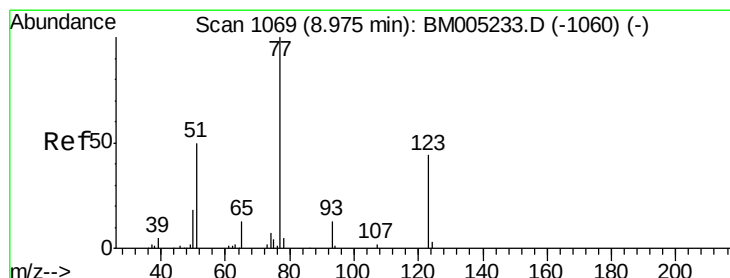
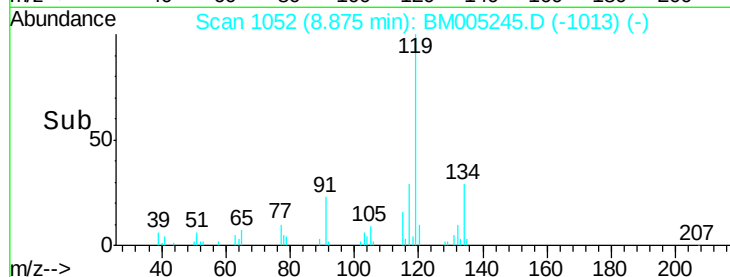
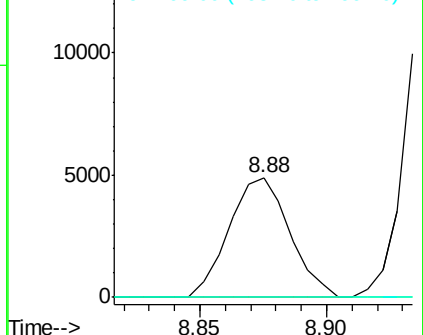
199 0.0 50.2 75.2#



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: 0.42 ng/ul

RT: 8.95 min Scan# 1064

Delta R.T. -0.03 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

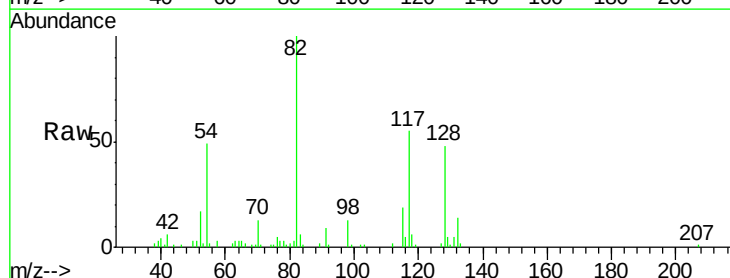
Tgt Ion: 77 Resp: 3135

Ion Ratio Lower Upper

77 100

123 0.0 34.1 51.1#

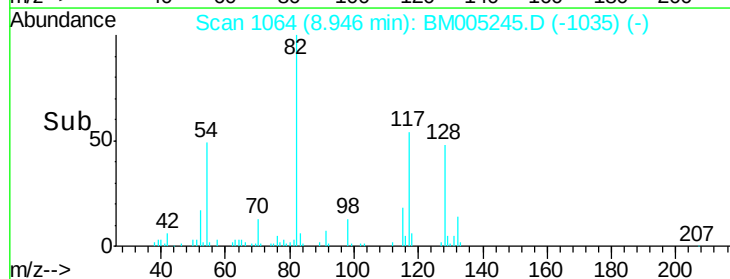
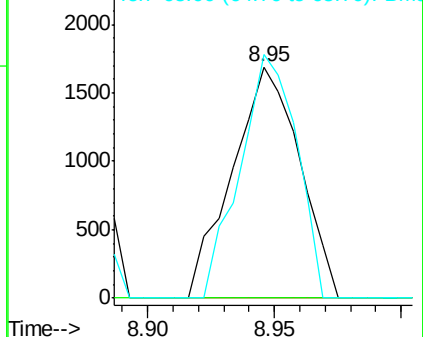
65 105.2 11.0 16.4#

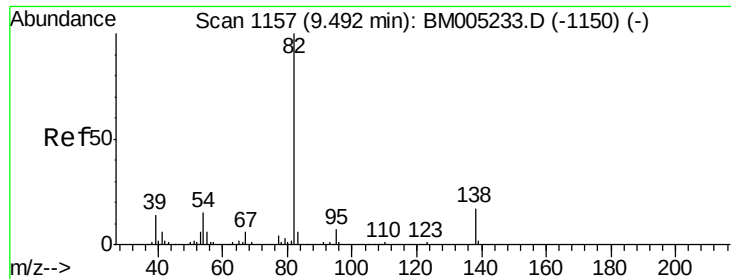


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 0.62 ng/ul

RT: 9.65 min Scan# 1184

Delta R.T. 0.16 min

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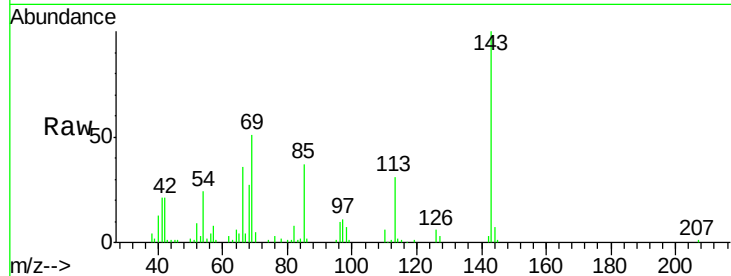
Tgt Ion: 82 Resp: 8985

Ion Ratio Lower Upper

82 100

95 8.5 5.4 8.0#

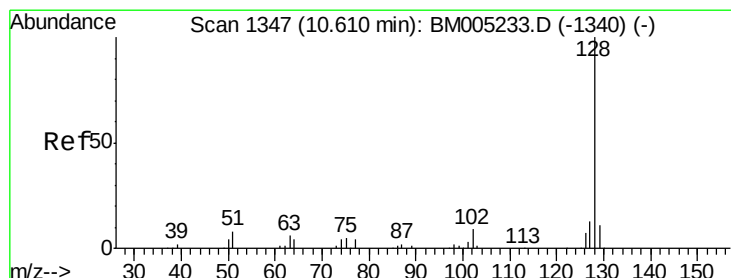
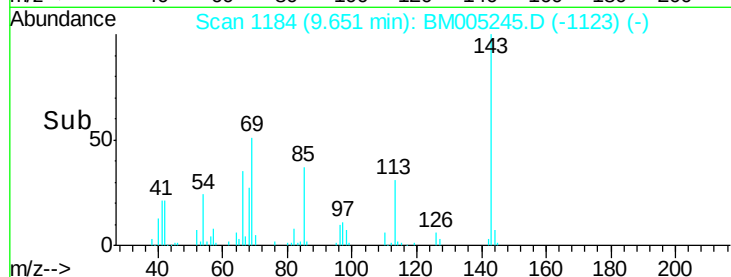
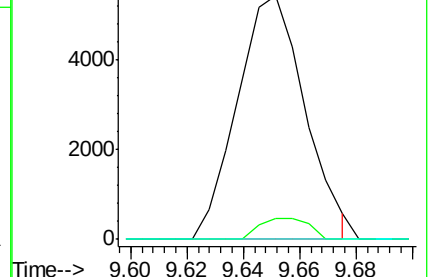
138 0.0 13.4 20.2#



Abundance Ion 82.00 (81.70 to 82.70): BM005233.D (-1150) (-)

Ion 95.00 (94.70 to 95.70): BM005233.D (-1150) (-)

Ion 138.00 (137.70 to 138.70): BM005233.D (-1150) (-)



#28

Naphthalene

Concen: 322.95 ng/ul

RT: 10.64 min Scan# 1352

Delta R.T. 0.03 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

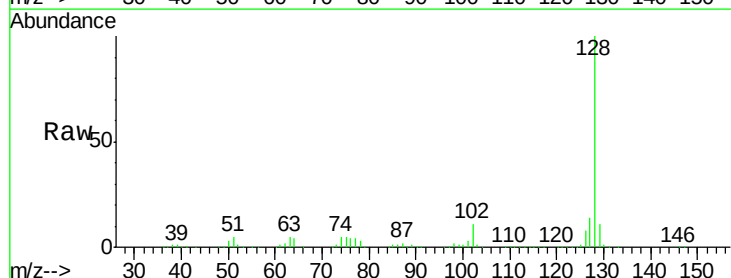
Tgt Ion: 128 Resp: 6764383

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

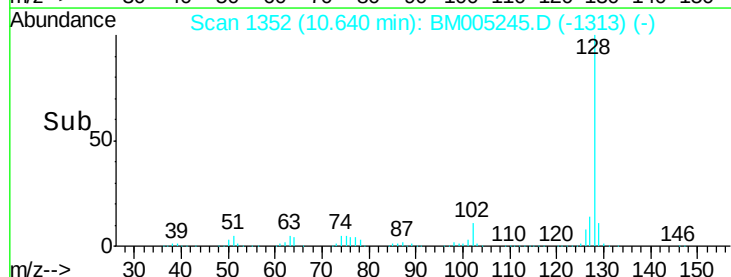
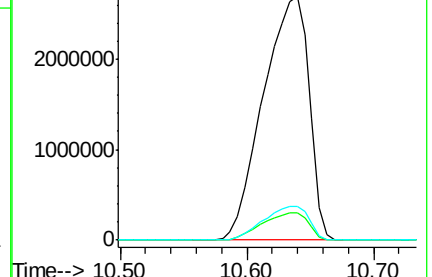
127 14.1 10.8 16.2

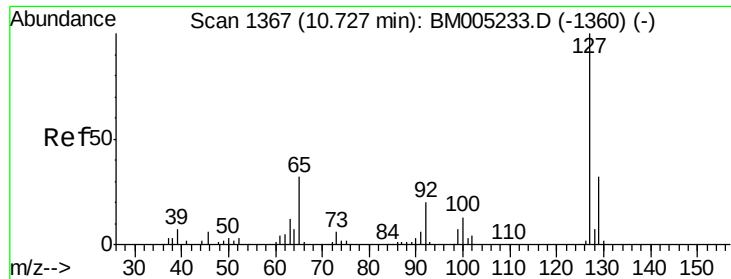


Abundance Ion 128.00 (127.70 to 128.70): BM005233.D (-1340) (-)

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

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

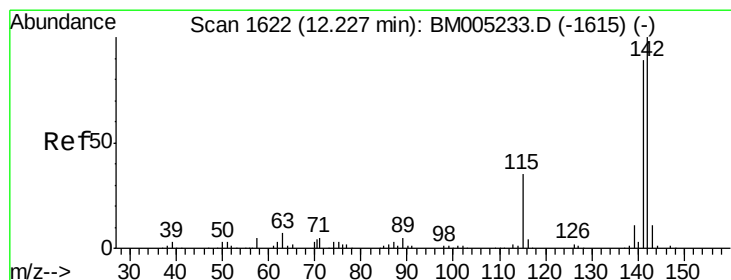
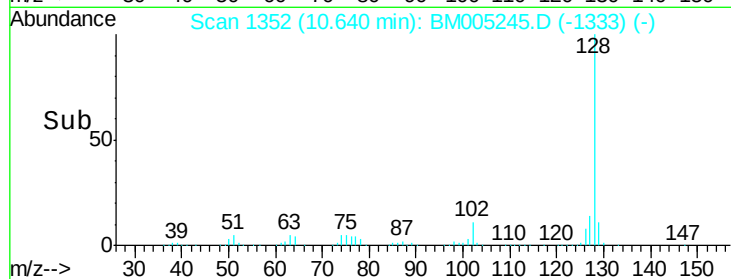
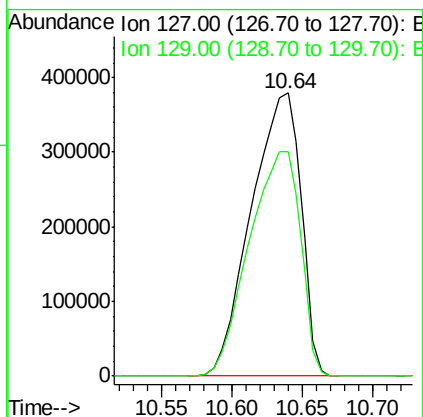
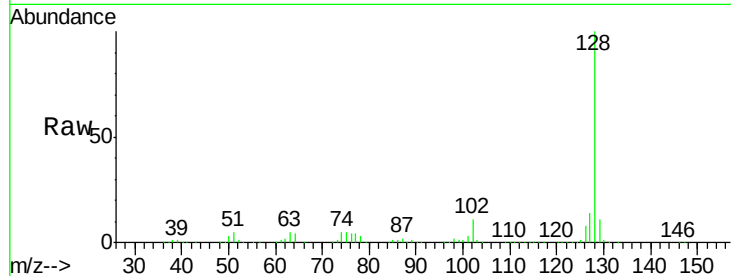




#30
 4-Chloroaniline
 Concen: 122.08 ng/ul
 RT: 10.64 min Scan# 1352
 Delta R.T. -0.09 min
 Lab File: BM005245.D
 Acq: 05 May 2016 21:28

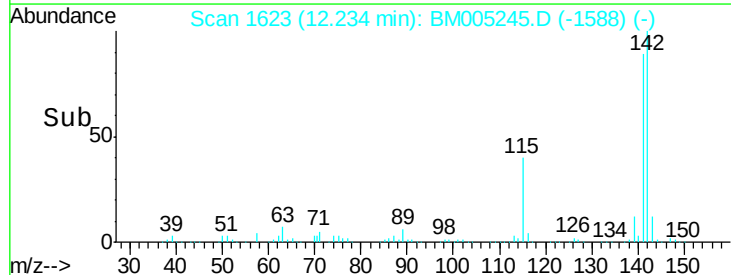
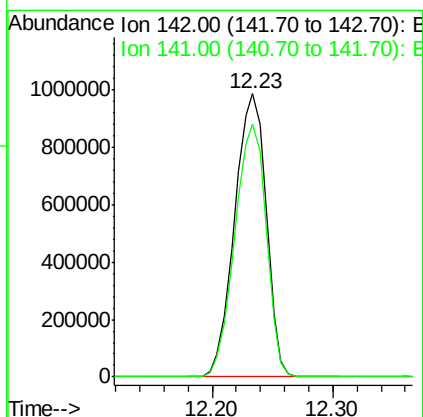
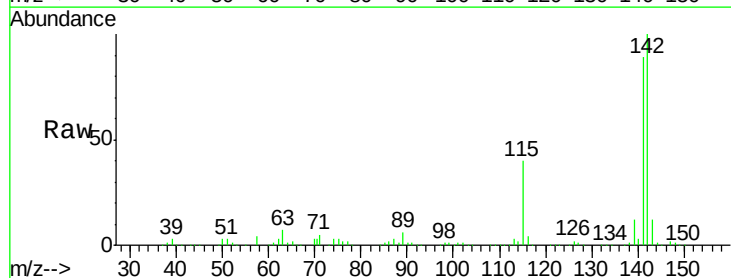
Instrument :
 BNA_M
 ClientSampleId :
 BC7P2

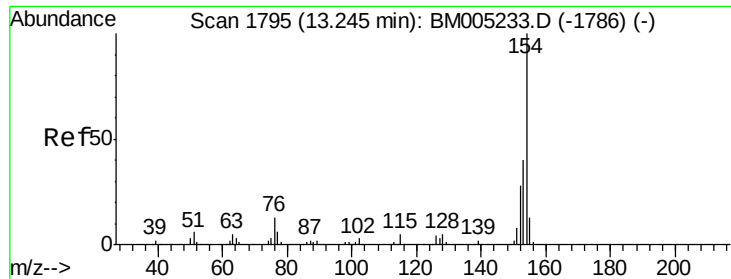
Tgt Ion:127 Resp: 937198
 Ion Ratio Lower Upper
 127 100
 129 79.3 26.5 39.7#



#34
 2-Methylnaphthalene
 Concen: 115.41 ng/ul
 RT: 12.23 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BM005245.D
 Acq: 05 May 2016 21:28

Tgt Ion:142 Resp: 1808051
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.3 106.9

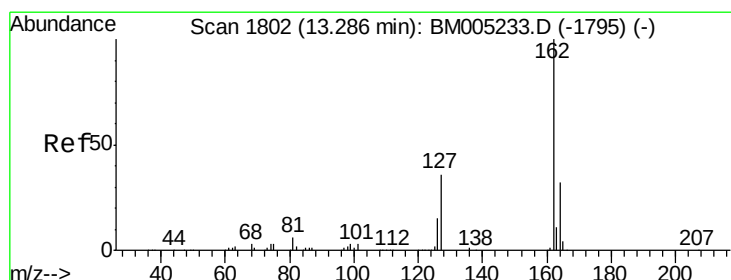
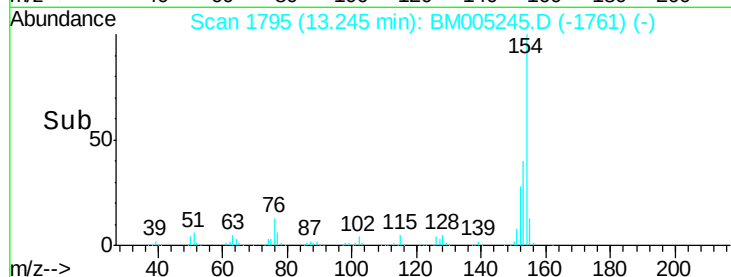
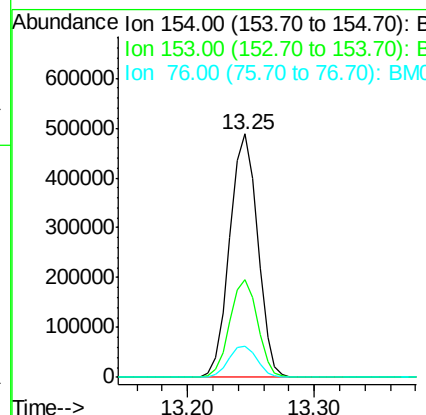
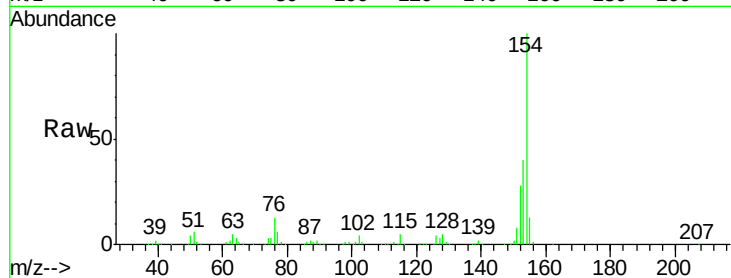




#40
 1,1'-Biphenyl
 Concen: 35.19 ng/ul
 RT: 13.25 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BM005245.D
 Acq: 05 May 2016 21:28

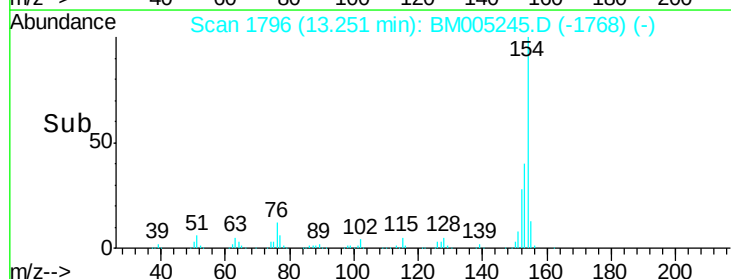
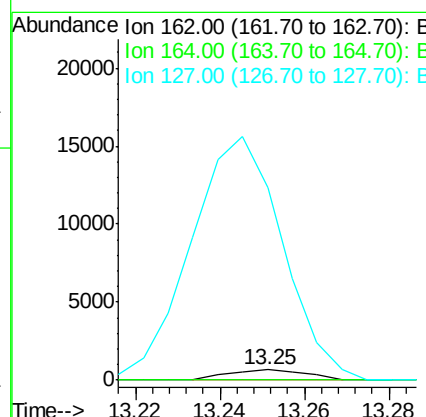
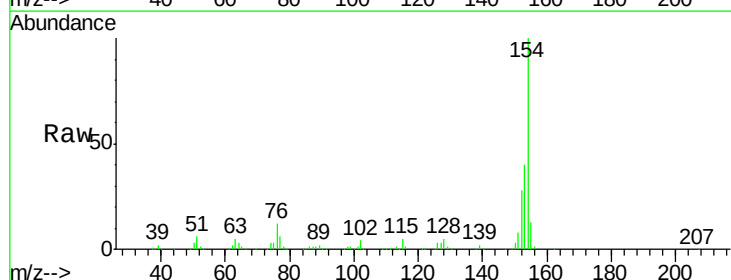
Instrument :
 BNA_M
 ClientSampleId :
 BC7P2

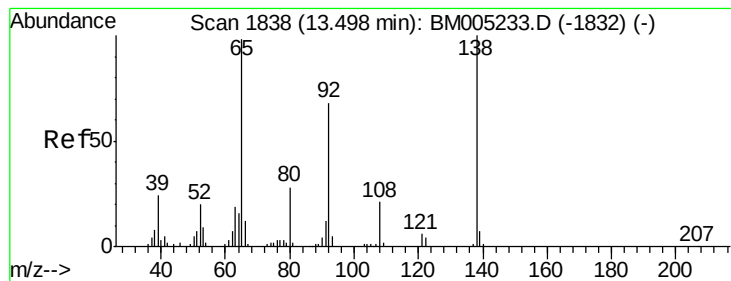
Tgt Ion:154 Resp: 744853
 Ion Ratio Lower Upper
 154 100
 153 40.0 32.1 48.1
 76 12.9 10.6 15.8



#41
 2-Chloronaphthalene
 Concen: 0.05 ng/ul
 RT: 13.25 min Scan# 1796
 Delta R.T. -0.03 min
 Lab File: BM005245.D
 Acq: 05 May 2016 21:28

Tgt Ion:162 Resp: 868
 Ion Ratio Lower Upper
 162 100
 164 0.0 25.5 38.3#
 127 1875.8 31.9 47.9#





#42

2-Nitroaniline

Concen: 0.16 ng/ul

RT: 13.55 min Scan# 1846

Delta R.T. 0.05 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Instrument :

BNA_M

ClientSampleId :

BC7P2

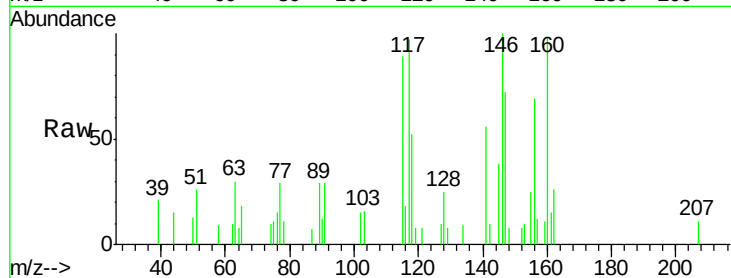
Tgt Ion: 65 Resp: 787

Ion Ratio Lower Upper

65 100

92 0.0 60.1 90.1#

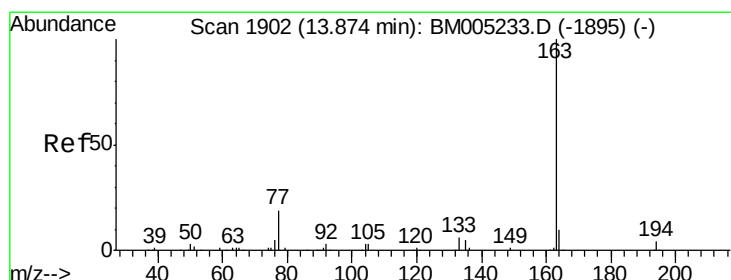
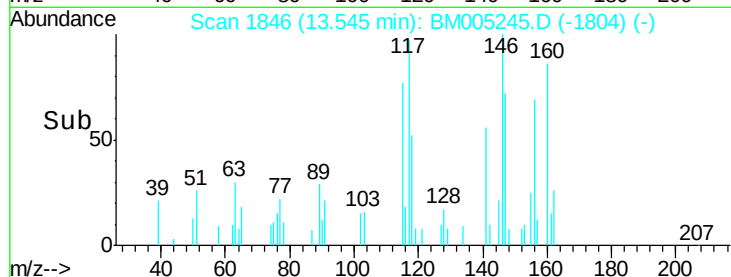
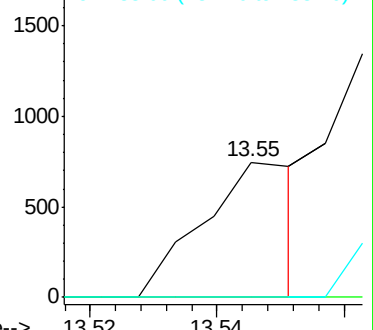
138 0.0 84.0 126.0#



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) (-)



#44

Dimethylphthalate

Concen: 0.04 ng/ul

RT: 13.82 min Scan# 1893

Delta R.T. -0.05 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

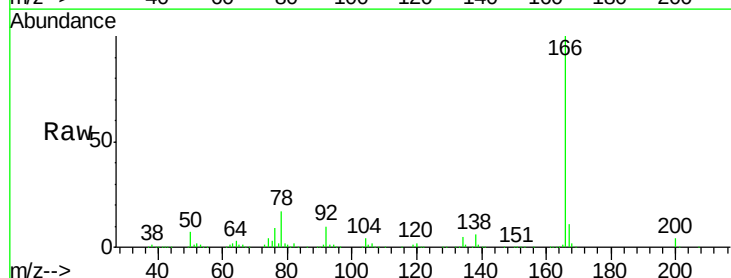
Tgt Ion: 163 Resp: 909

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

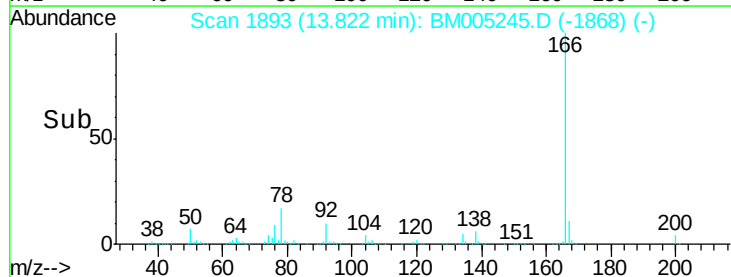
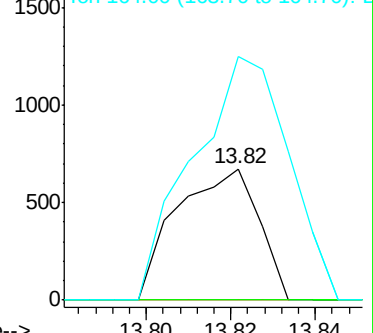
164 185.4 7.9 11.9#

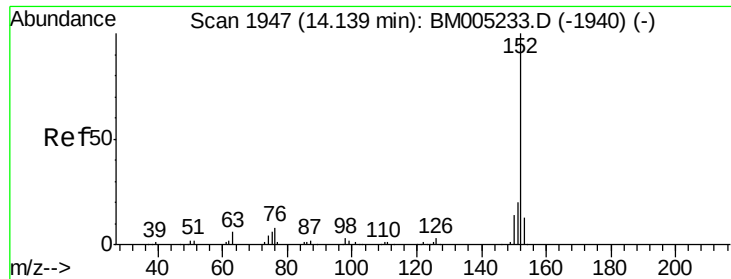


Abundance Ion 163.00 (162.70 to 163.70): BM005233.D (-1895) (-)

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

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





#47

Acenaphthylene

Concen: 4.57 ng/ul

RT: 14.13 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Instrument :

BNA_M

ClientSampleId :

BC7P2

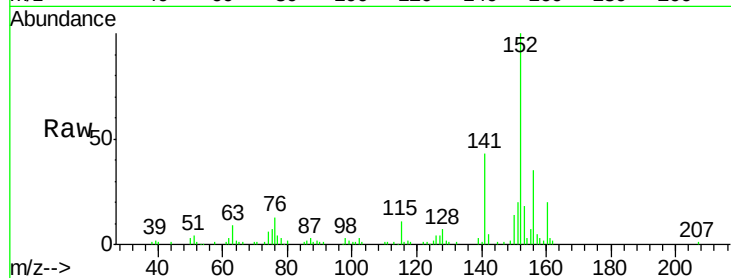
Tgt Ion:152 Resp: 121360

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

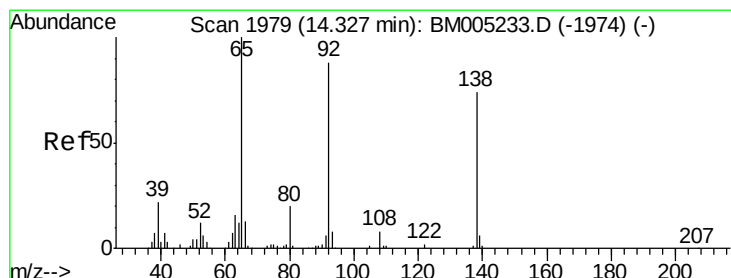
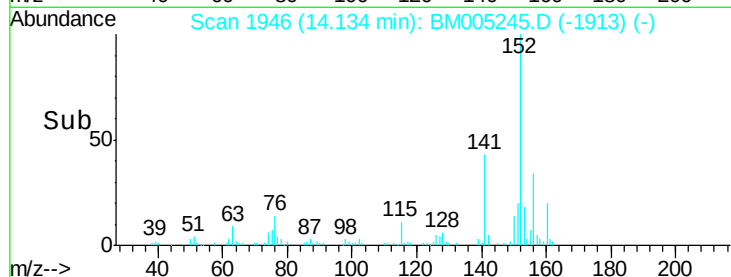
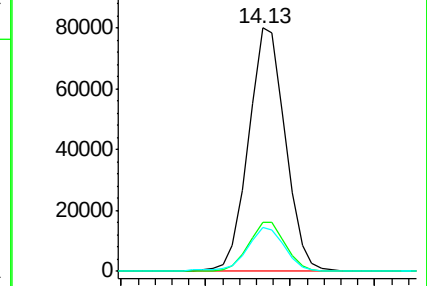
153 17.8 10.3 15.5#



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: 0.35 ng/ul

RT: 14.48 min Scan# 2005

Delta R.T. 0.15 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

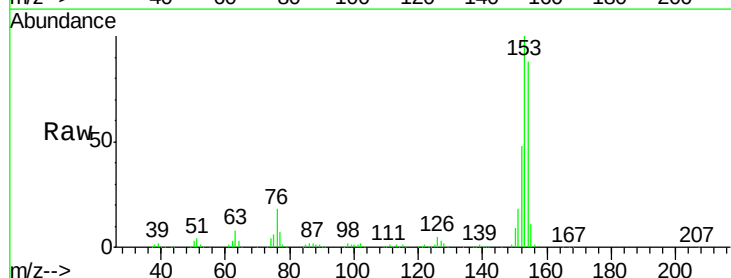
Tgt Ion:138 Resp: 1559

Ion Ratio Lower Upper

138 100

108 0.0 8.6 13.0#

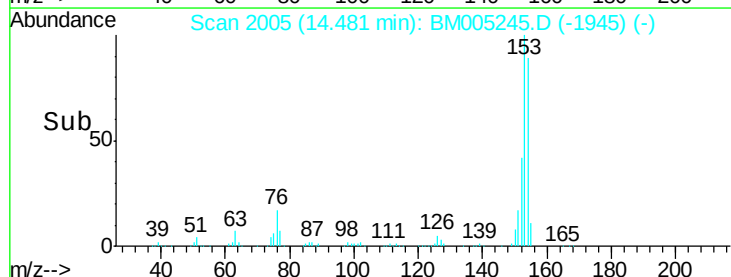
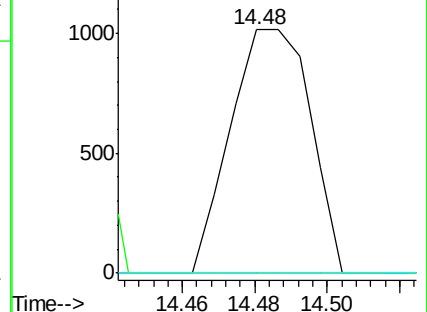
92 0.0 93.5 140.3#

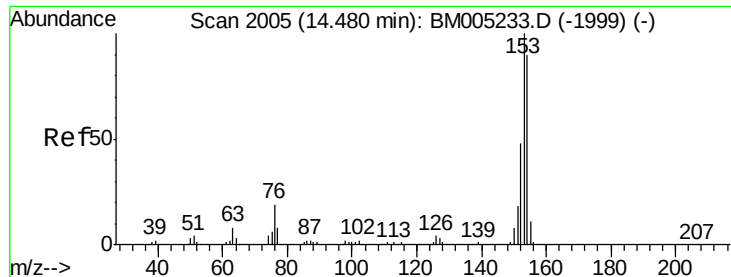


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 86.84 ng/ul

RT: 14.49 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Instrument :

BNA_M

ClientSampleId :

BC7P2

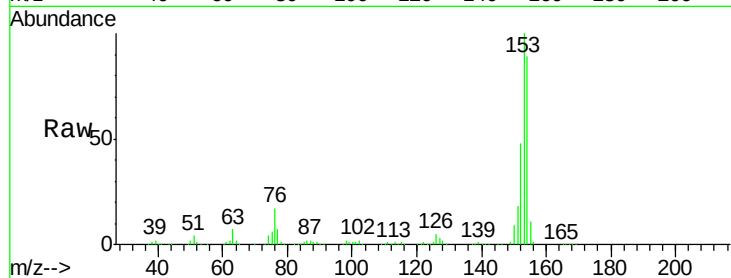
Tgt Ion:153 Resp: 1520847

Ion Ratio Lower Upper

153 100

152 47.6 38.9 58.3

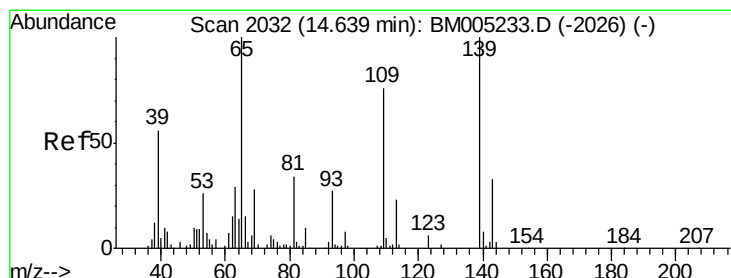
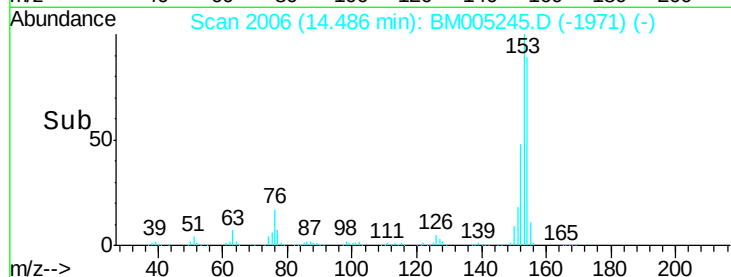
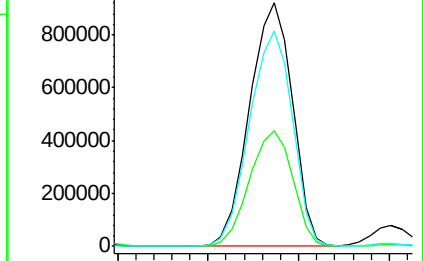
154 88.7 70.3 105.5



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: 0.76 ng/ul

RT: 14.49 min Scan# 2006

Delta R.T. -0.15 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

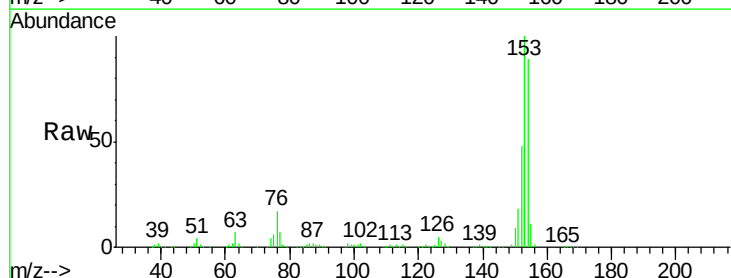
Tgt Ion:109 Resp: 2483

Ion Ratio Lower Upper

109 100

139 389.7 103.6 155.4#

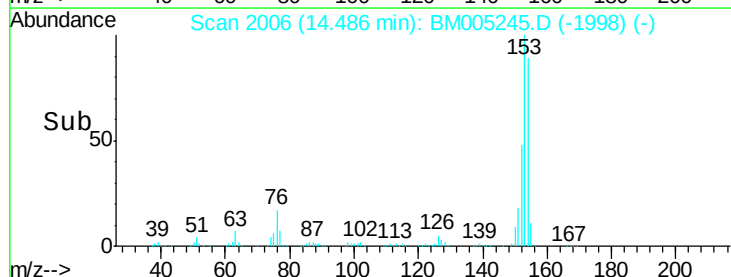
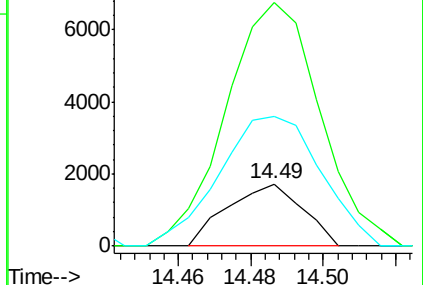
65 207.7 104.7 157.1#

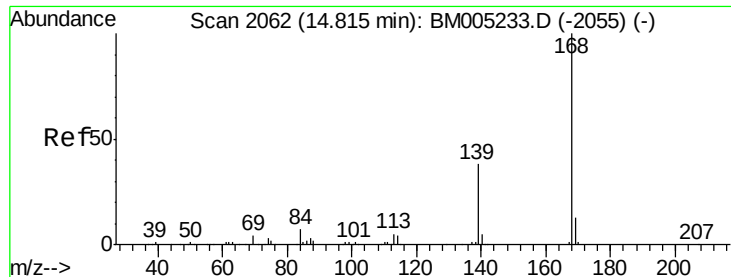


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

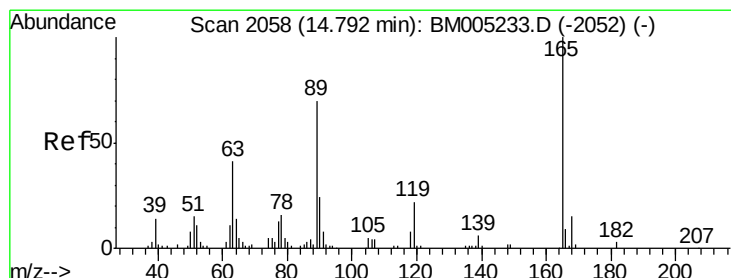
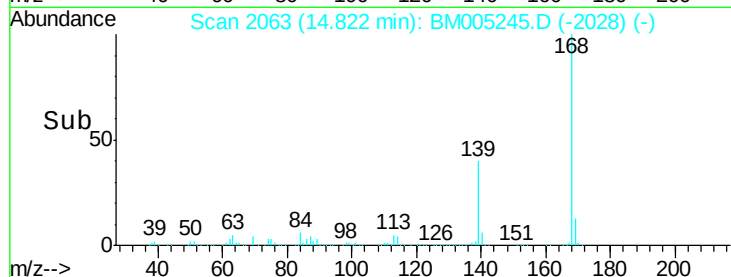
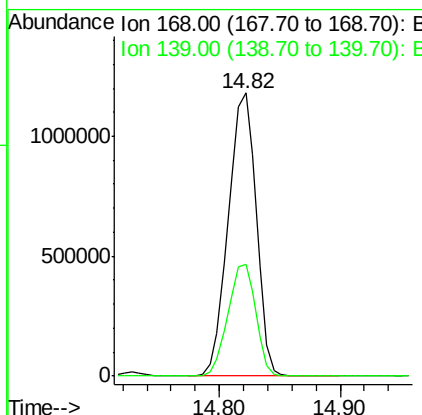
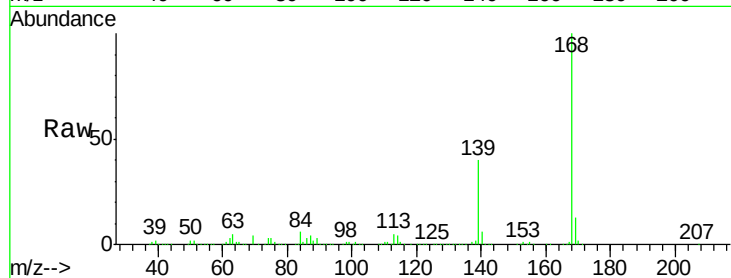




#53
Dibenzofuran
Concen: 74.88 ng/ul
RT: 14.82 min Scan# 2063
Delta R.T. 0.01 min
Lab File: BM005245.D
Acq: 05 May 2016 21:28

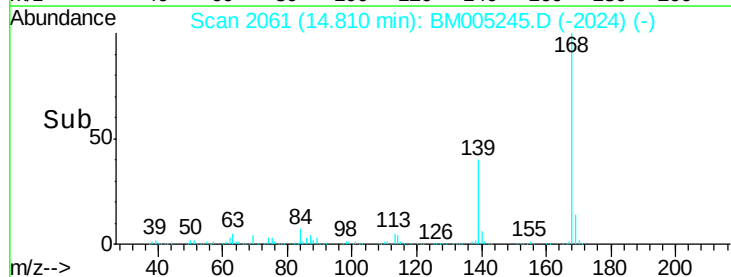
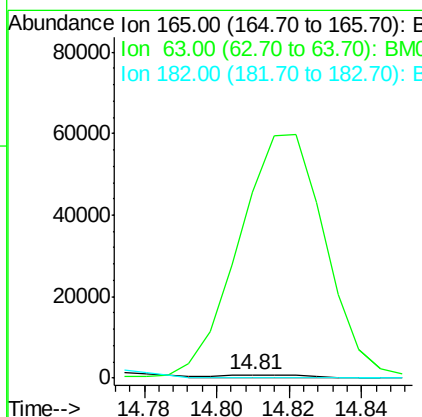
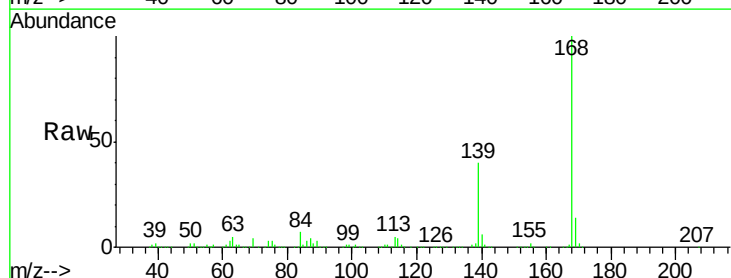
Instrument :
BNA_M
ClientSampleId :
BC7P2

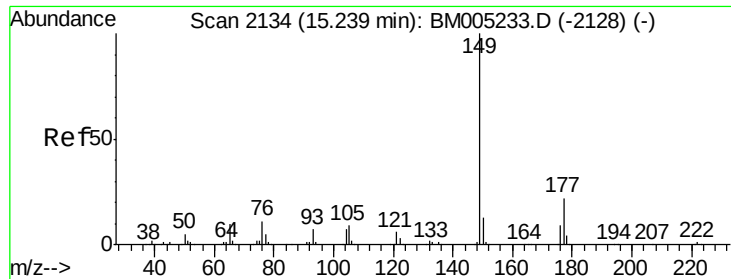
Tgt Ion:168 Resp: 1902636
Ion Ratio Lower Upper
168 100
139 39.6 30.3 45.5



#54
2,4-Dinitrotoluene
Concen: 0.21 ng/ul
RT: 14.81 min Scan# 2061
Delta R.T. 0.02 min
Lab File: BM005245.D
Acq: 05 May 2016 21:28

Tgt Ion:165 Resp: 1323
Ion Ratio Lower Upper
165 100
63 5625.7 36.2 54.4#
182 0.0 2.5 3.7#

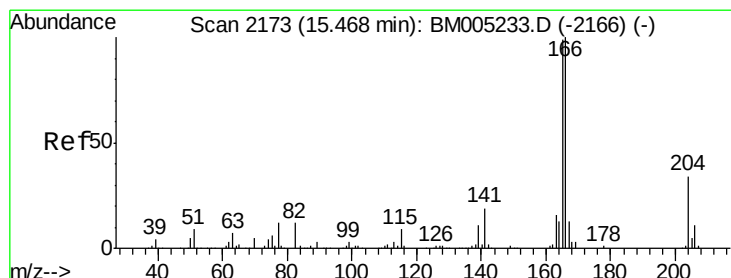
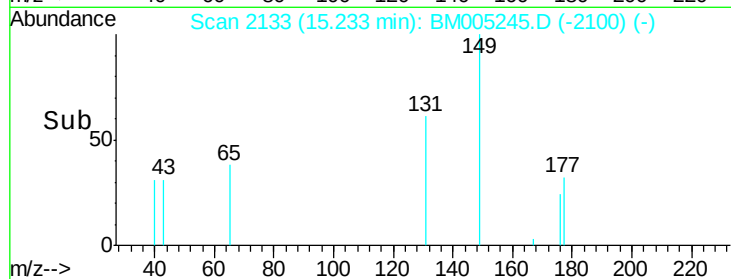
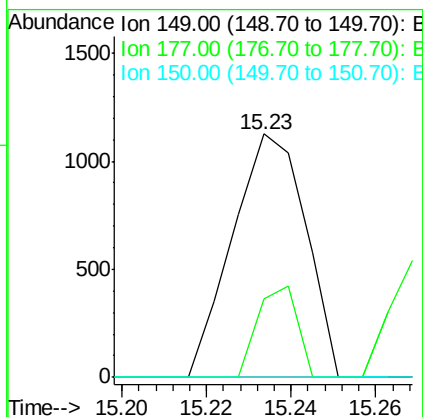
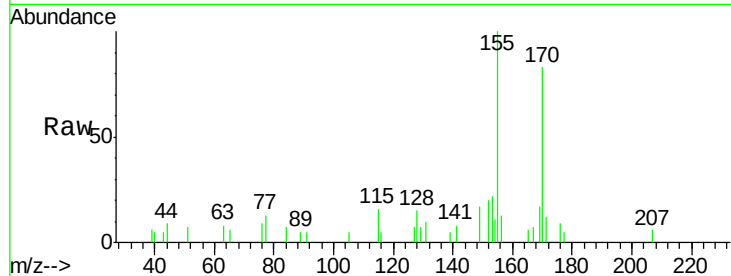




#56
Diethylphthalate
Concen: 0.06 ng/ul
RT: 15.23 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM005245.D
Acq: 05 May 2016 21:28

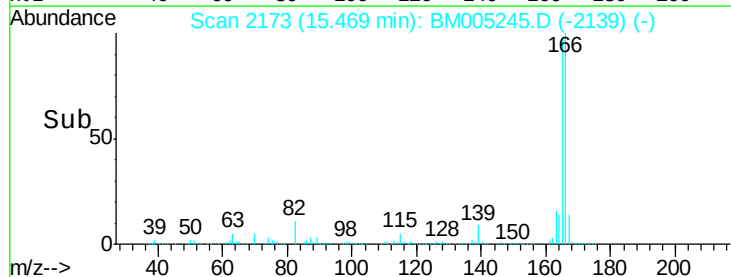
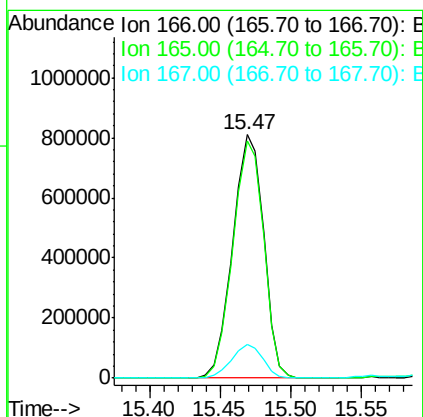
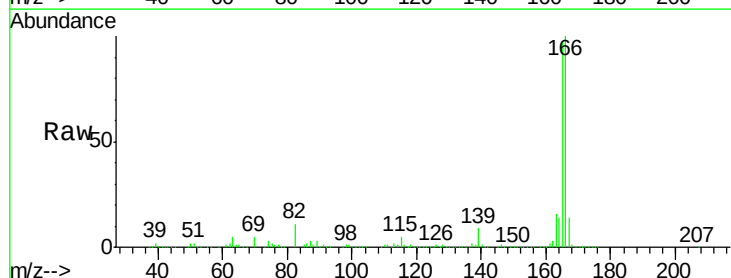
Instrument :
BNA_M
ClientSampleId :
BC7P2

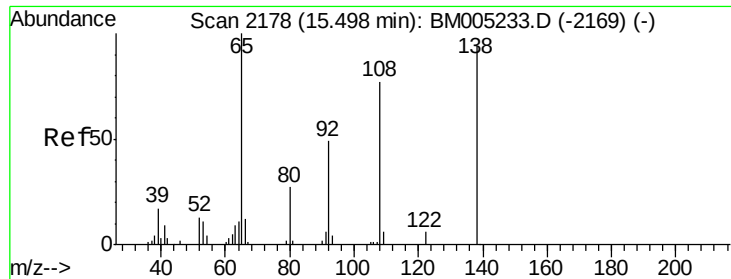
Tgt Ion:149 Resp: 1355
Ion Ratio Lower Upper
149 100
177 32.5 17.6 26.4#
150 0.0 9.8 14.8#



#58
Fluorene
Concen: 62.15 ng/ul
RT: 15.47 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BM005245.D
Acq: 05 May 2016 21:28

Tgt Ion:166 Resp: 1234633
Ion Ratio Lower Upper
166 100
165 97.5 77.9 116.9
167 13.9 10.6 16.0

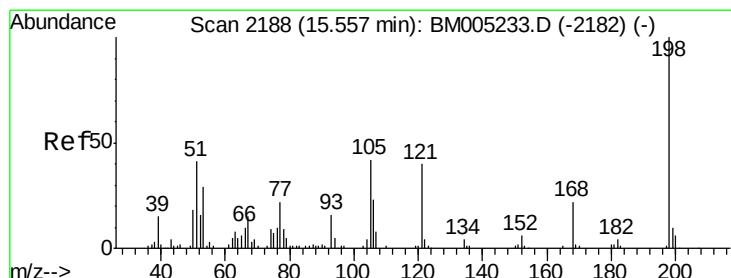
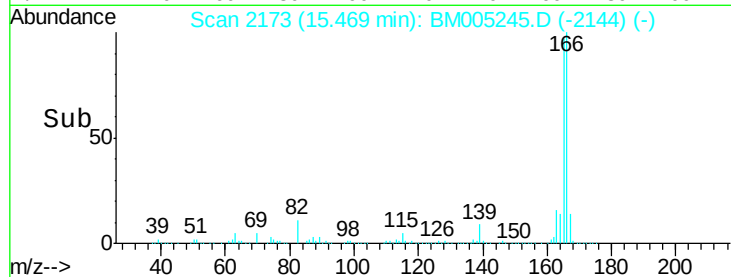
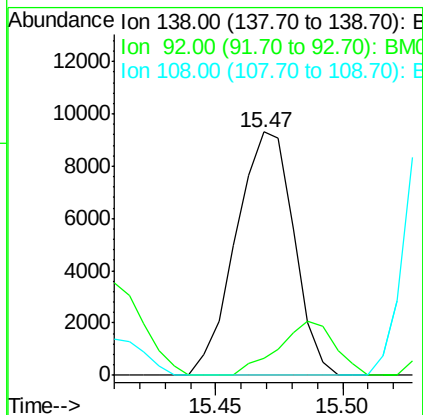
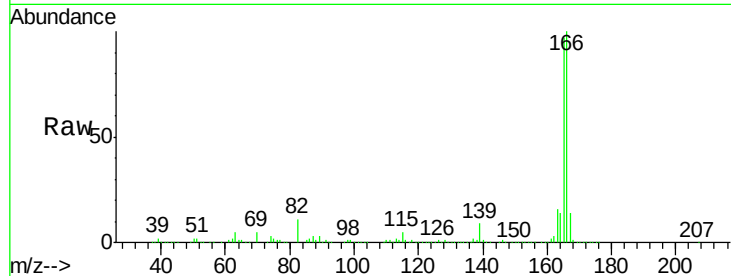




#60
4-Nitroaniline
Concen: 3.11 ng/ul
RT: 15.47 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BM005245.D
Acq: 05 May 2016 21:28

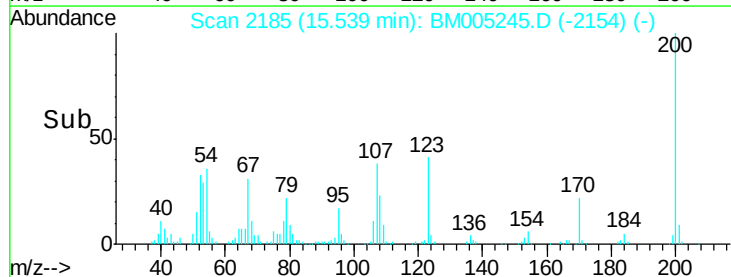
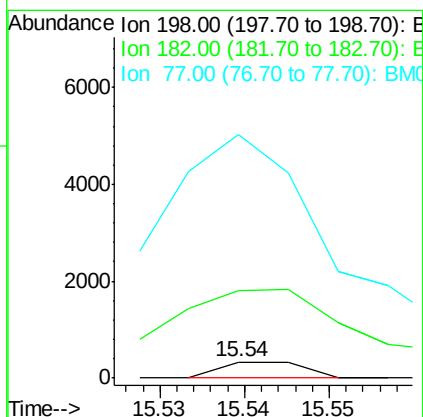
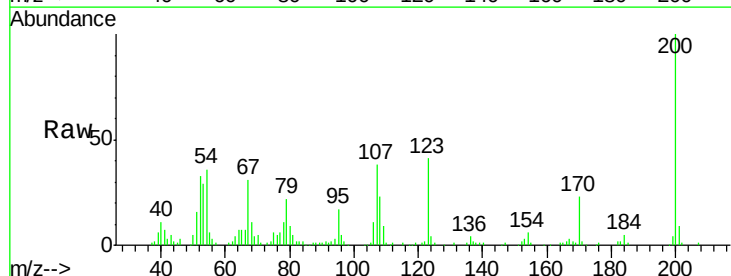
Instrument :
BNA_M
ClientSampleId :
BC7P2

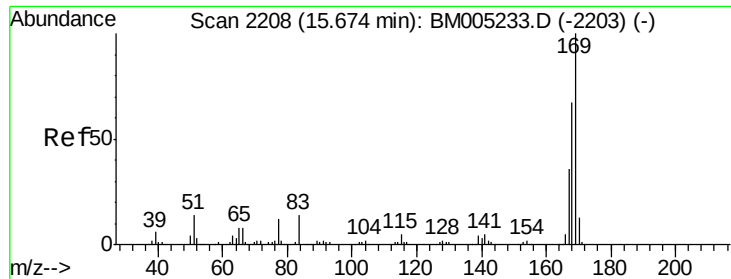
Tgt Ion:138 Resp: 14805
Ion Ratio Lower Upper
138 100
92 7.3 44.3 66.5#
108 0.0 66.3 99.5#



#63
4,6-Dinitro-2-methylphenol
Concen: 0.06 ng/ul
RT: 15.54 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BM005245.D
Acq: 05 May 2016 21:28

Tgt Ion:198 Resp: 232
Ion Ratio Lower Upper
198 100
182 548.5 5.5 8.3#
77 1523.0 24.2 36.2#

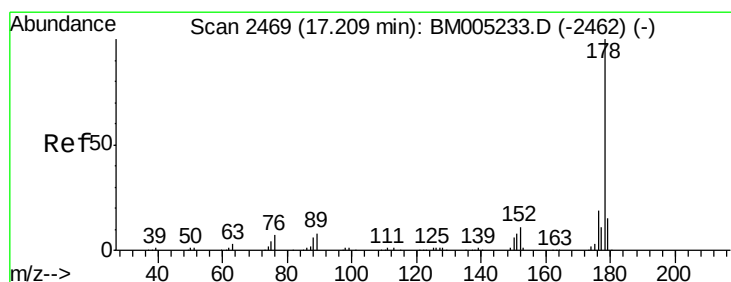
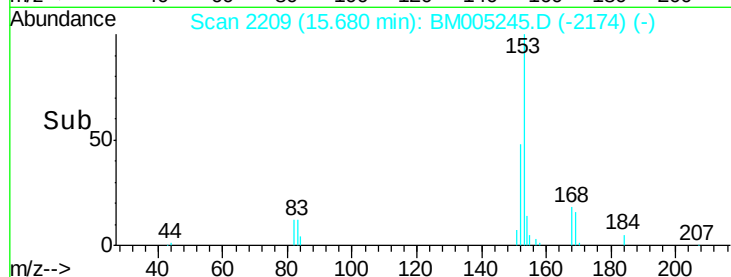
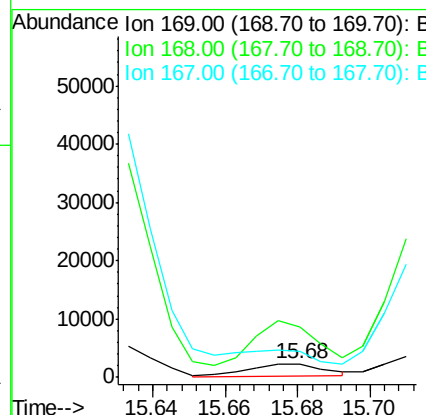




#64
N-Nitrosodiphenylamine
Concen: 0.17 ng/ul
RT: 15.68 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BM005245.D
Acq: 05 May 2016 21:28

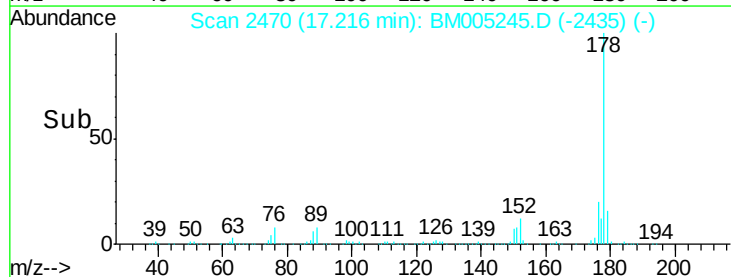
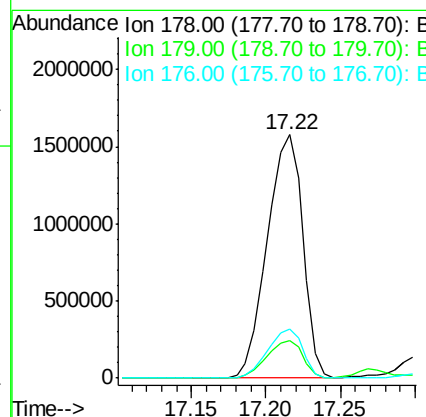
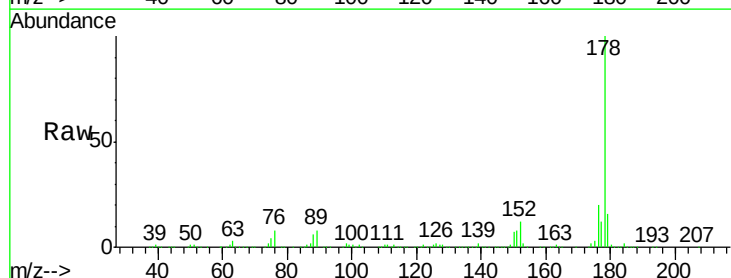
Instrument :
BNA_M
ClientSampled :
BC7P2

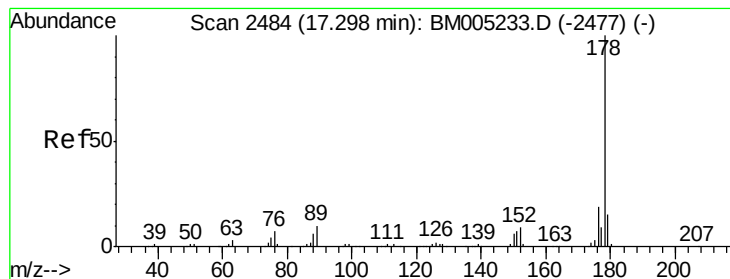
Tgt Ion:169 Resp: 2975
Ion Ratio Lower Upper
169 100
168 384.4 52.9 79.3#
167 192.0 28.2 42.4#



#69
Phenanthrene
Concen: 78.87 ng/ul
RT: 17.22 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BM005245.D
Acq: 05 May 2016 21:28

Tgt Ion:178 Resp: 2617344
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.9 15.2 22.8





#71

Anthracene

Concen: 6.00 ng/ul

RT: 17.30 min Scan# 2484

Delta R.T. 0.00 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Instrument :

BNA_M

ClientSampleId :

BC7P2

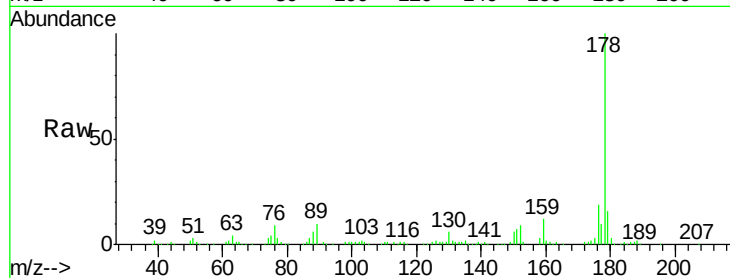
Tgt Ion:178 Resp: 198390

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

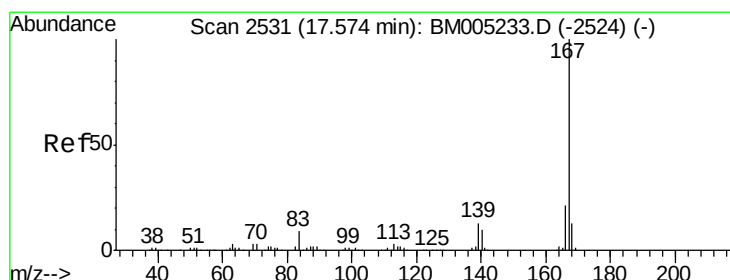
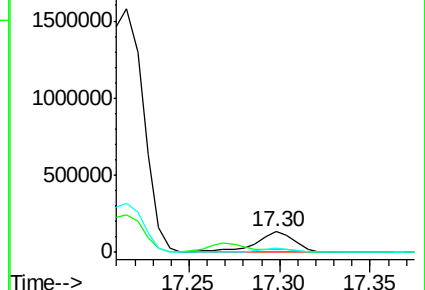
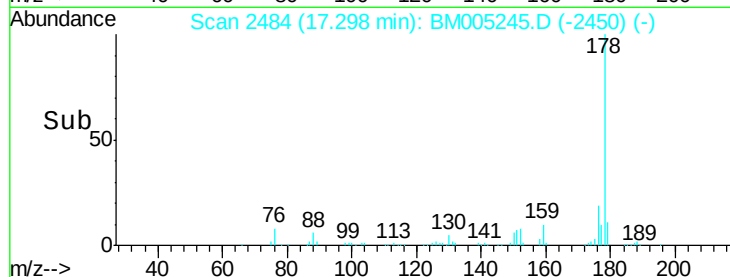
176 18.9 15.1 22.7



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: 20.47 ng/ul

RT: 17.57 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

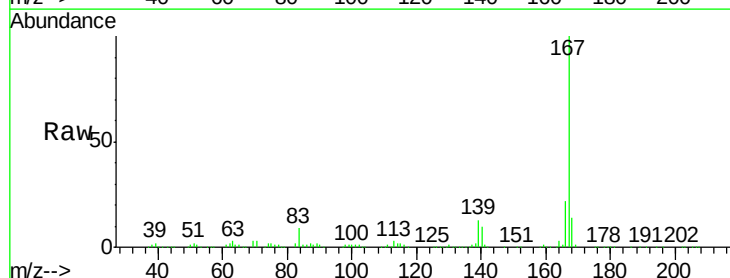
Tgt Ion:167 Resp: 595954

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

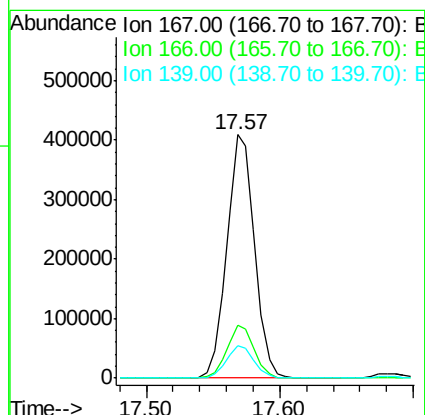
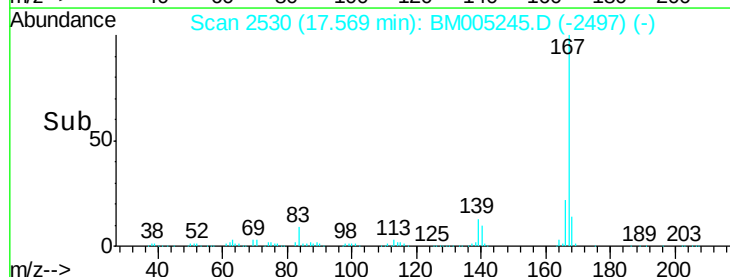
139 13.2 10.2 15.2

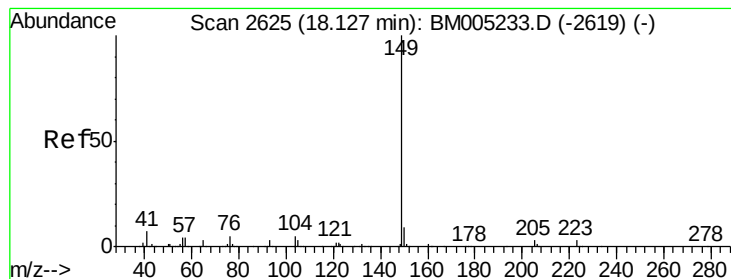


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.10 ng/ul

RT: 18.13 min Scan# 2625

Delta R.T. 0.00 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Instrument :

BNA_M

ClientSampleId :

BC7P2

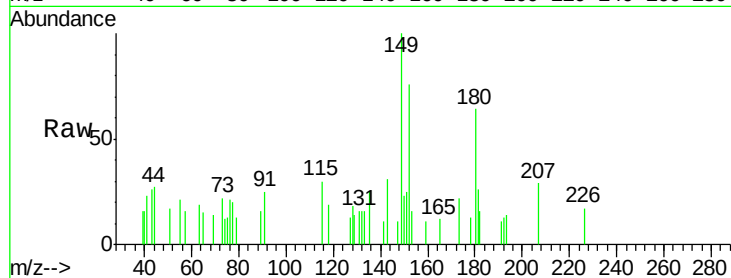
Tgt Ion:149 Resp: 3420

Ion Ratio Lower Upper

149 100

150 23.3 7.3 10.9#

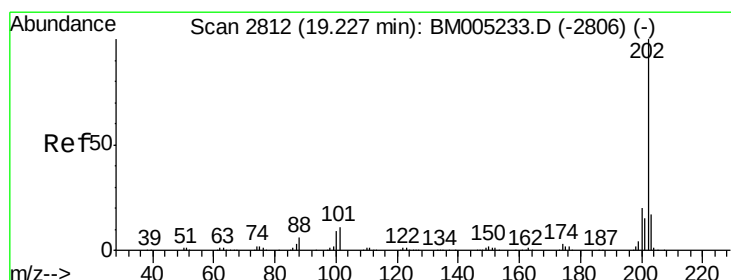
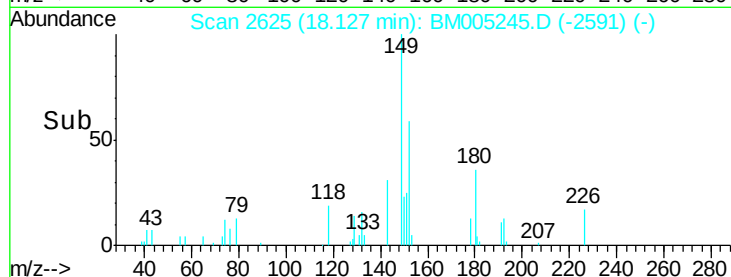
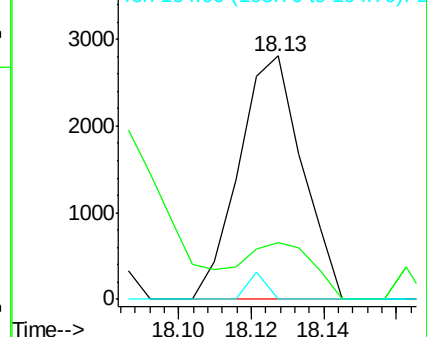
104 0.0 4.1 6.1#



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: 17.16 ng/ul

RT: 19.23 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

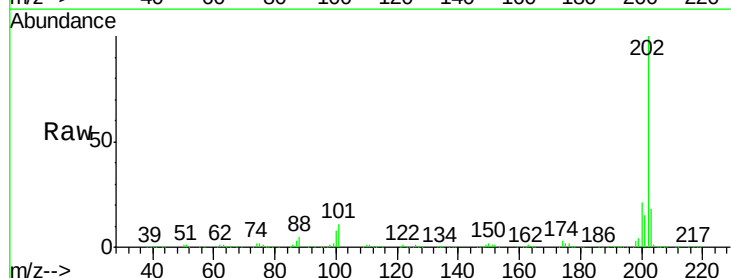
Tgt Ion:202 Resp: 631059

Ion Ratio Lower Upper

202 100

101 10.9 9.2 13.8

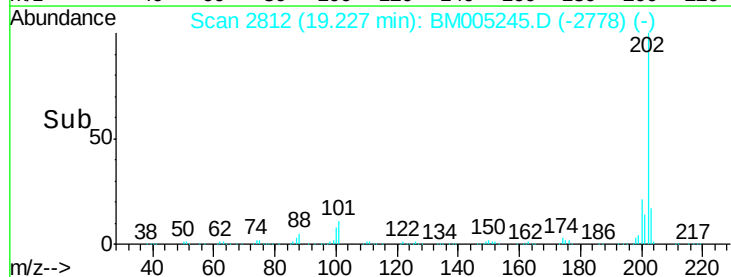
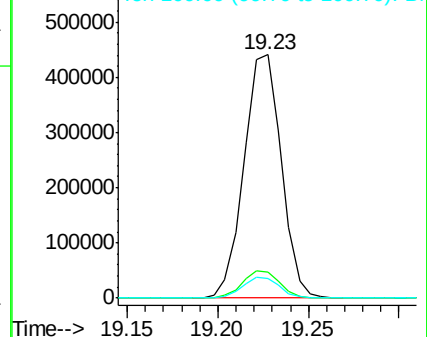
100 8.2 7.1 10.7

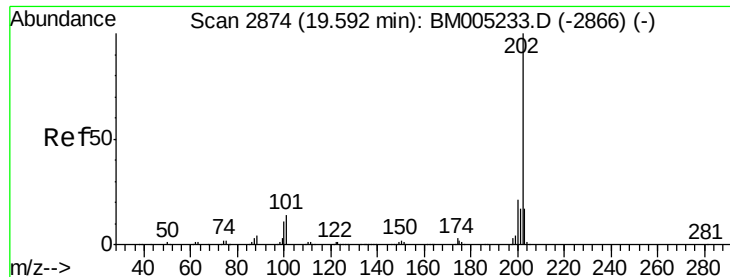


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 8.86 ng/ul

RT: 19.59 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

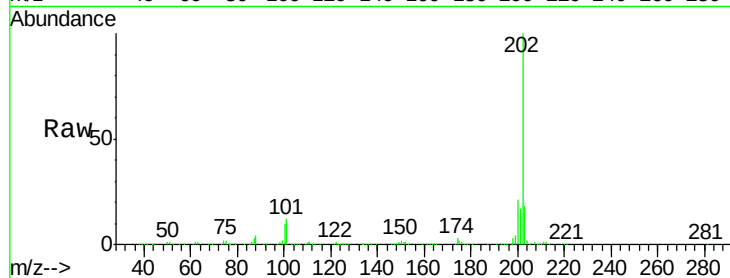
Instrument :

BNA_M

ClientSampleId :

BC7P2

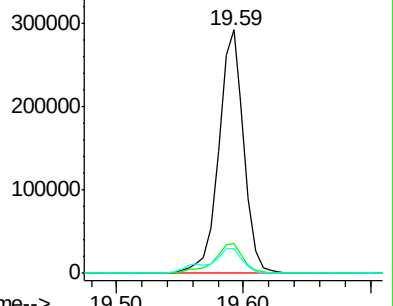
Tgt Ion:	202	Resp:	399699
Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.8	16.2
100	10.2	8.4	12.6



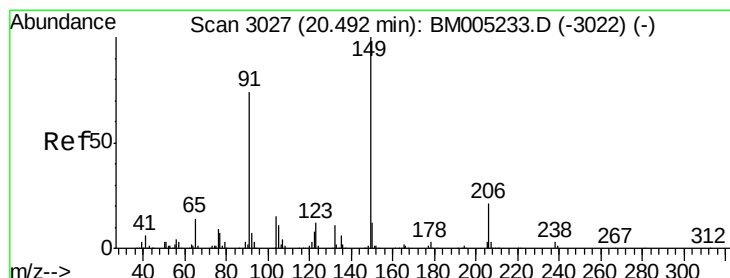
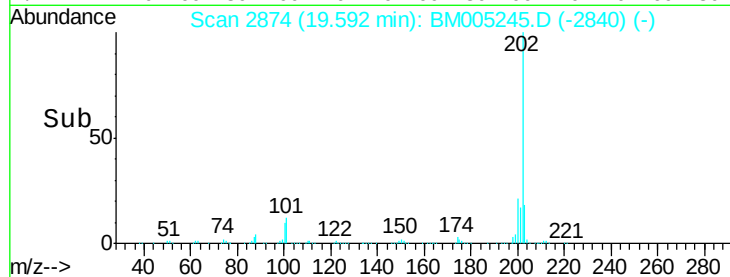
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#78

Butylbenzylphthalate

Concen: 0.04 ng/ul

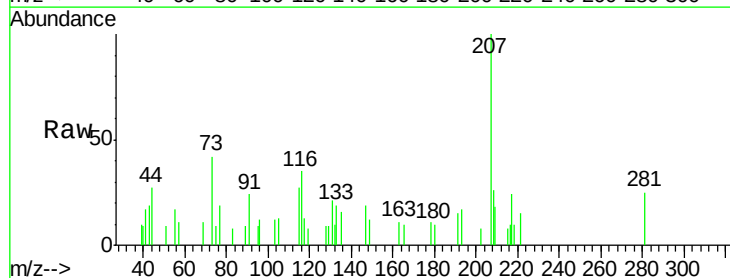
RT: 20.49 min Scan# 3026

Delta R.T. -0.01 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

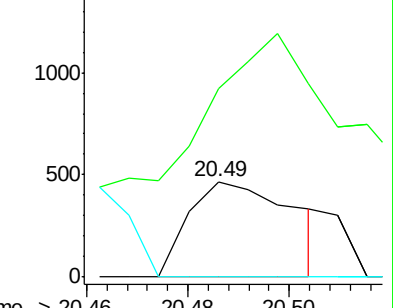
Tgt Ion:	149	Resp:	673
Ion	Ratio	Lower	Upper
149	100		
91	197.2	58.4	87.6#
206	0.0	17.3	25.9#



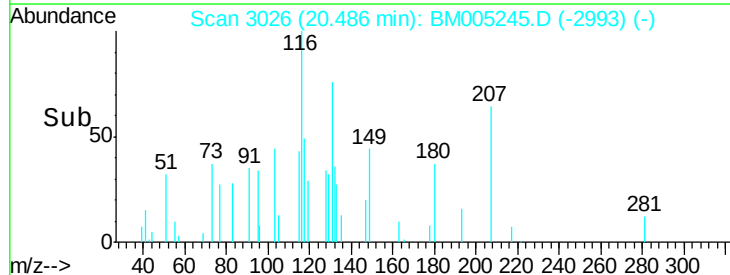
Abundance Ion 149.00 (148.70 to 149.70): E

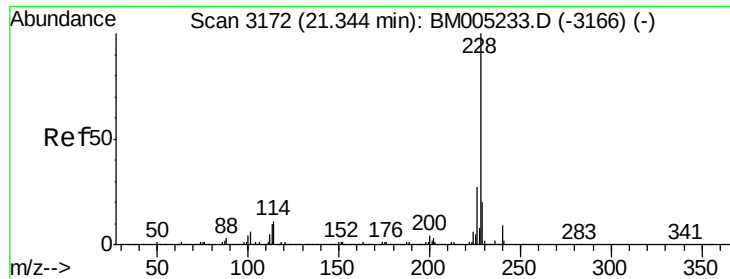
Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E



Time-->





#80

Benzo(a)anthracene

Concen: 0.61 ng/ul

RT: 21.34 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Instrument :

BNA_M

ClientSampleId :

BC7P2

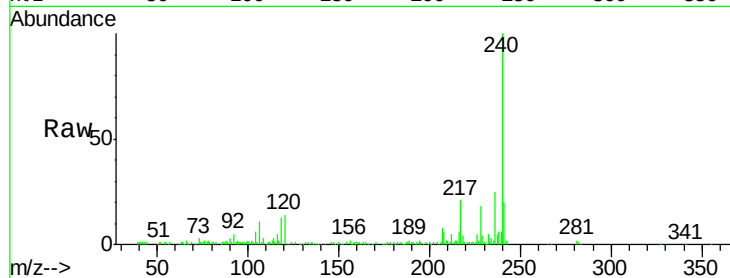
Tgt Ion:228 Resp: 27215

Ion Ratio Lower Upper

228 100

229 23.5 15.5 23.3#

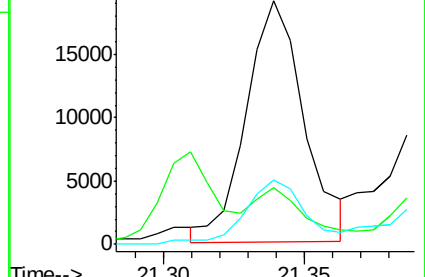
226 26.7 21.8 32.8



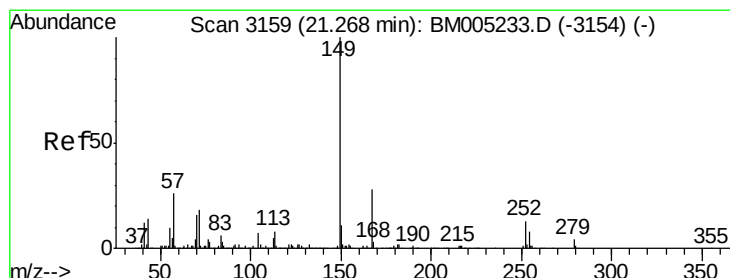
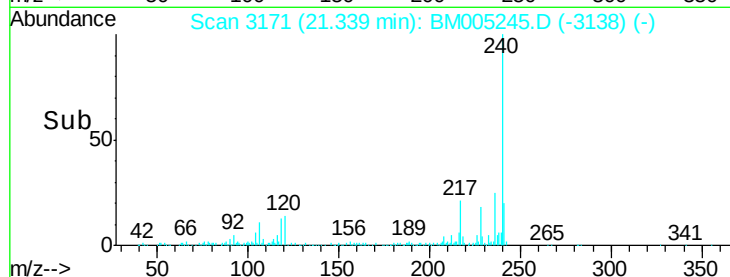
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#81

Bis(2-ethylhexyl)phthalate

Concen: 0.18 ng/ul

RT: 21.26 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

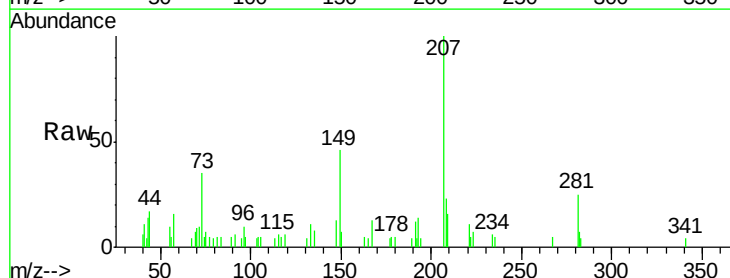
Tgt Ion:149 Resp: 4610

Ion Ratio Lower Upper

149 100

167 27.4 21.9 32.9

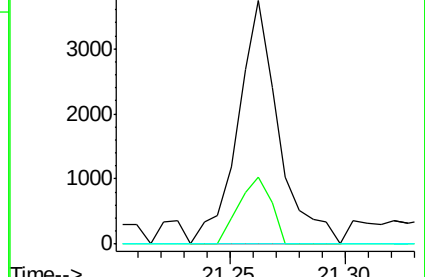
279 0.0 3.0 4.4#



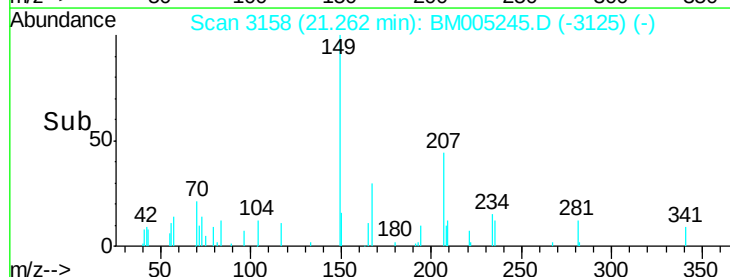
Abundance Ion 149.00 (148.70 to 149.70): E

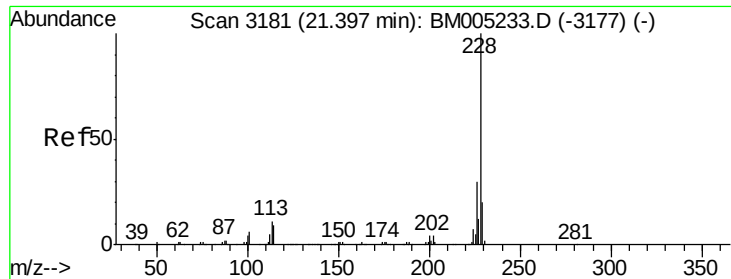
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#82

Chrysene

Concen: 0.33 ng/ul

RT: 21.39 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Instrument :

BNA_M

ClientSampleId :

BC7P2

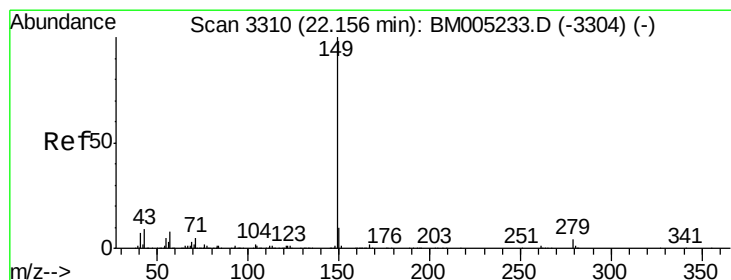
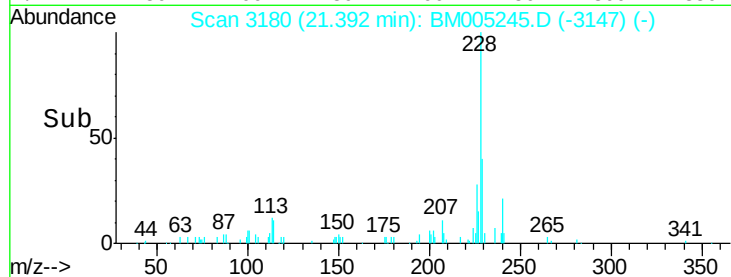
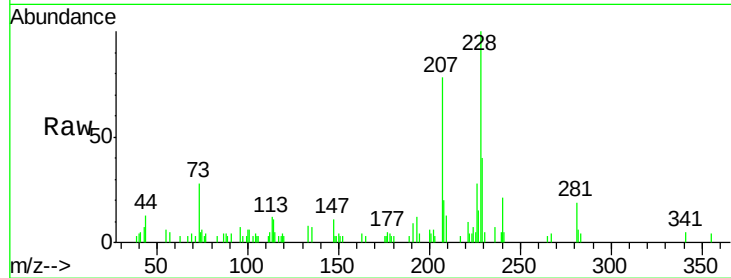
Tgt Ion:228 Resp: 13870

Ion Ratio Lower Upper

228 100

226 27.5 23.6 35.4

229 39.7 15.4 23.0#



#84

Di-n-octyl phthalate

Concen: 0.01 ng/ul

RT: 22.16 min Scan# 3310

Delta R.T. 0.00 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

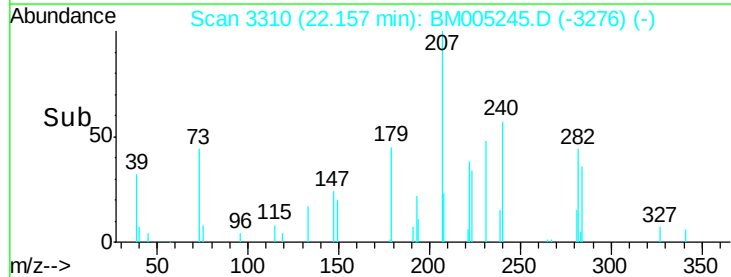
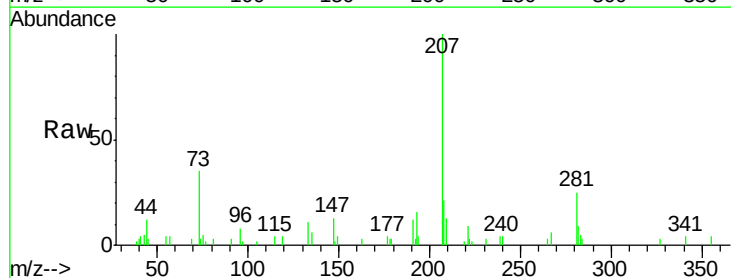
Tgt Ion:149 Resp: 294

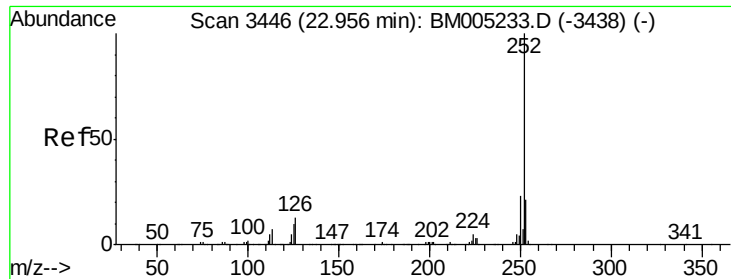
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 117.5 7.4 11.0#

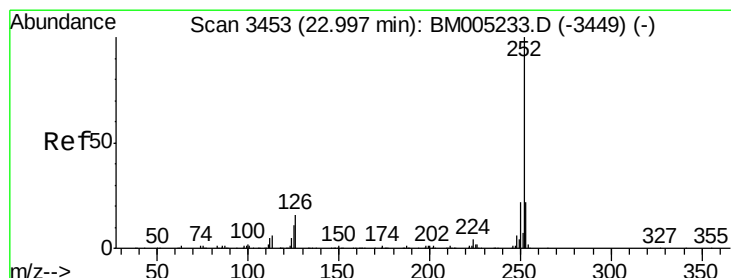
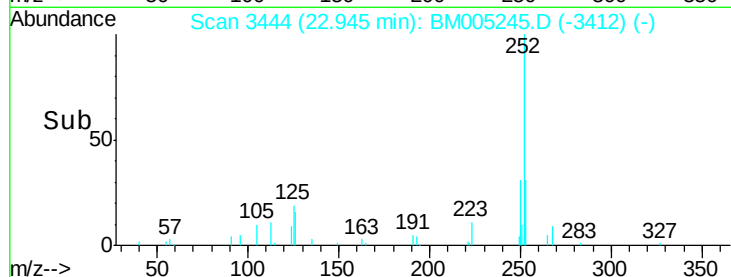
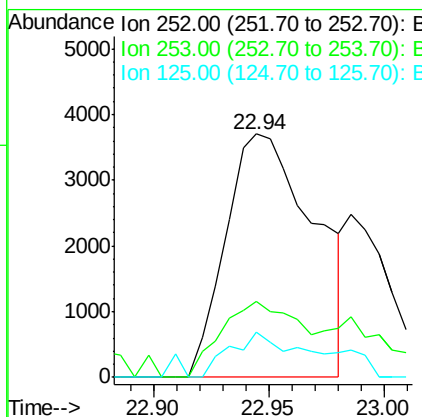
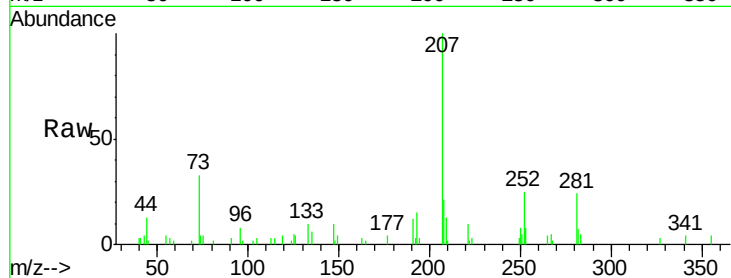




#85
Benzo(b)fluoranthene
Concen: 0.22 ng/ul
RT: 22.94 min Scan# 3444
Delta R.T. -0.01 min
Lab File: BM005245.D
Acq: 05 May 2016 21:28

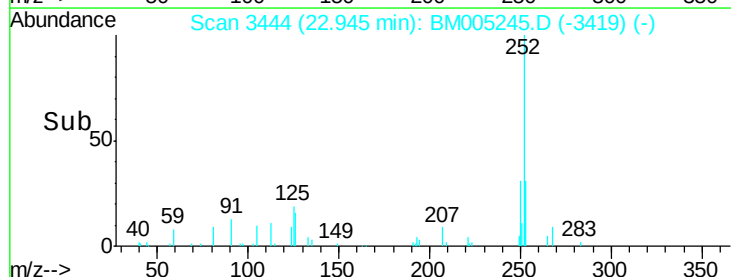
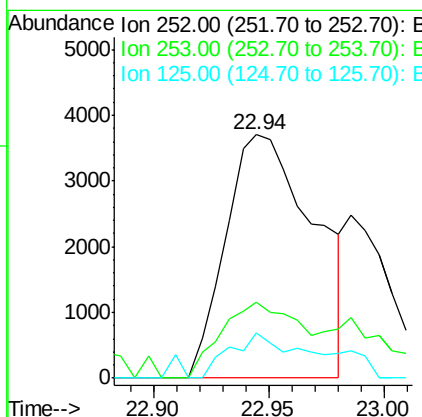
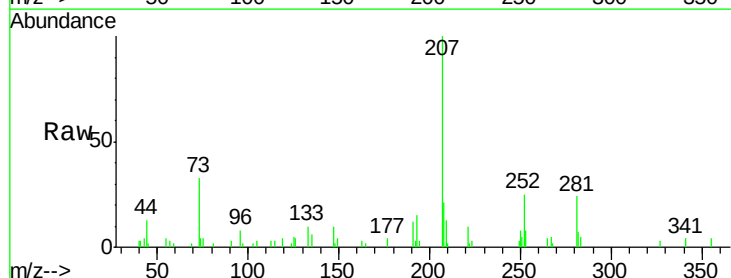
Instrument :
BNA_M
ClientSampled :
BC7P2

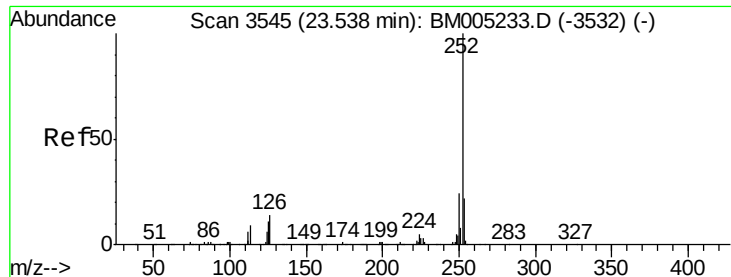
Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.4	26.2#
125	18.6	8.4	12.6#



#86
Benzo(k)fluoranthene
Concen: 0.23 ng/ul
RT: 22.94 min Scan# 3444
Delta R.T. -0.05 min
Lab File: BM005245.D
Acq: 05 May 2016 21:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.3	25.9#
125	18.6	8.0	12.0#





#88

Benzo(a)pyrene

Concen: 0.14 ng/ul

RT: 23.53 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

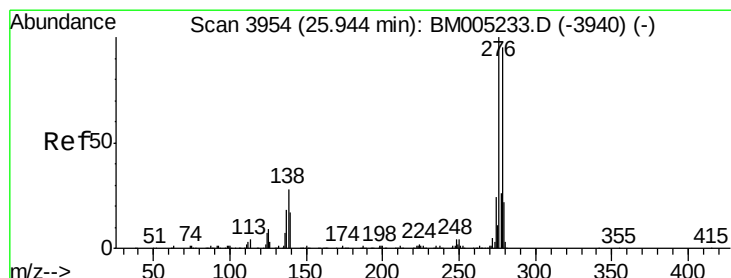
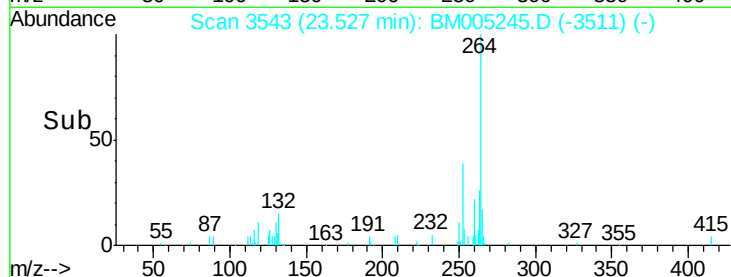
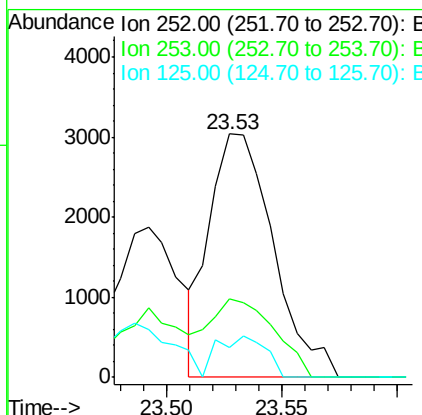
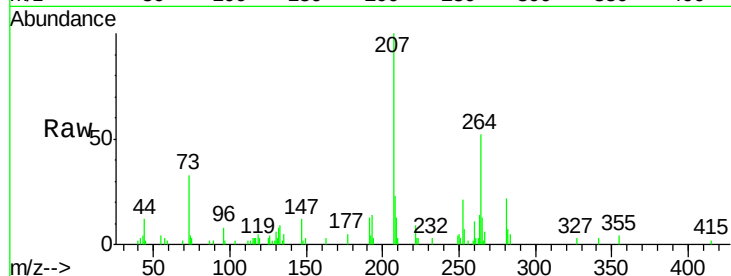
Instrument :

BNA_M

ClientSampleId :

BC7P2

Tgt Ion:	252	Resp:	5851
Ion Ratio	Lower	Upper	
252	100		
253	32.5	17.5	26.3#
125	12.4	8.7	13.1



#89

Indeno(1,2,3-cd)pyrene

Concen: 0.06 ng/ul

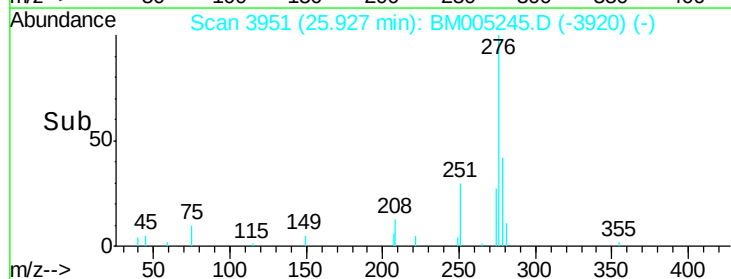
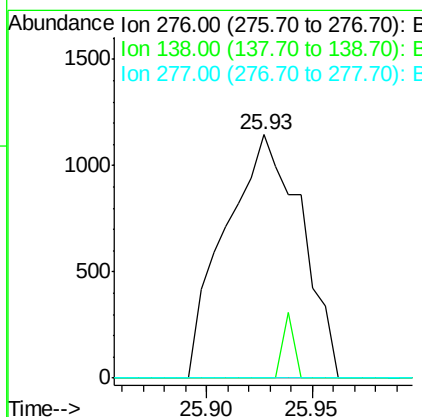
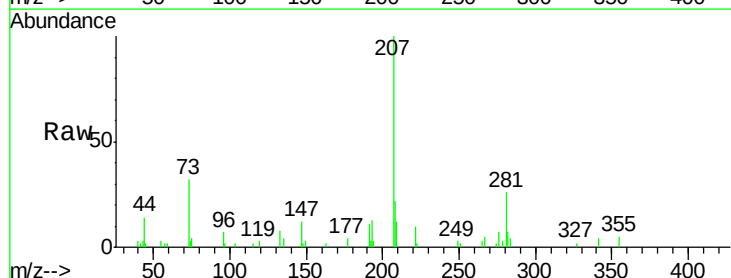
RT: 25.93 min Scan# 3951

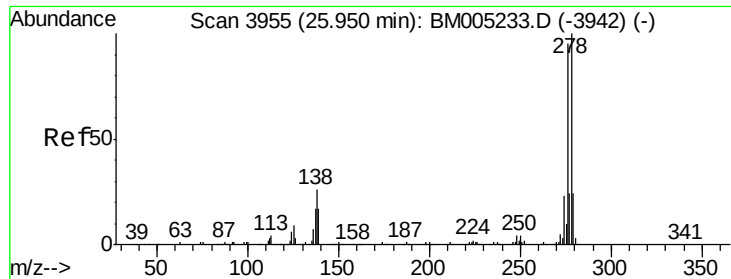
Delta R.T. -0.02 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Tgt Ion:	276	Resp:	2866
Ion Ratio	Lower	Upper	
276	100		
138	0.0	21.0	31.6#
277	0.0	19.9	29.9#





#90

Dibenzo(a,h)anthracene

Concen: 0.03 ng/ul

RT: 25.94 min Scan# 3953

Delta R.T. -0.01 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Instrument :

BNA_M

ClientSampleId :

BC7P2

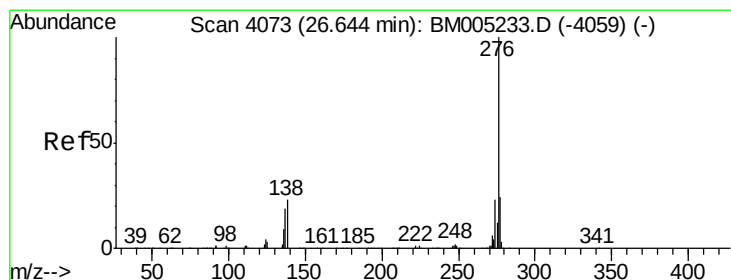
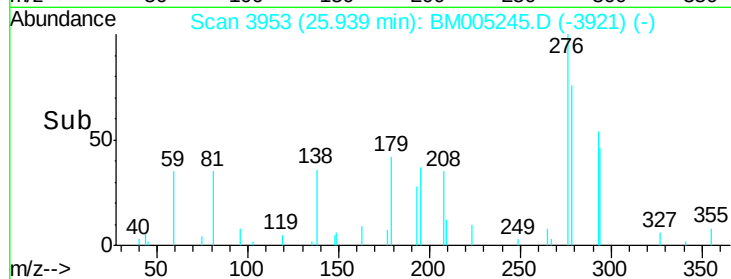
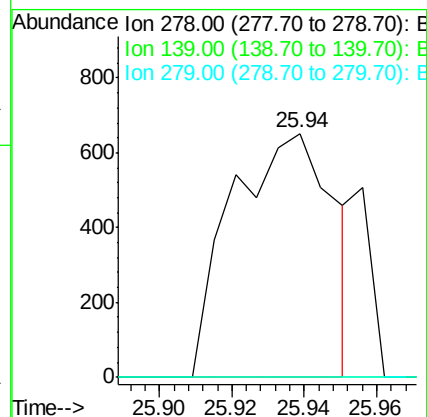
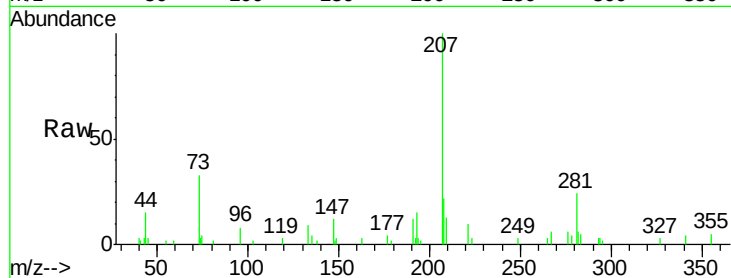
Tgt Ion: 278 Resp: 1277

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: 0.02 ng/ul

RT: 26.62 min Scan# 4069

Delta R.T. -0.02 min

Lab File: BM005245.D

Acq: 05 May 2016 21:28

Tgt Ion: 276 Resp: 912

Ion Ratio Lower Upper

276 100

138 0.0 18.2 27.4#

277 0.0 19.4 29.2#

