

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005252.D
 Acq On : 06 May 2016 01:46
 Operator : UM/SJ
 Sample : H2813-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7S7

Quant Time: May 06 04:23:10 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	93446	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	449537	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	293052	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	678857	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	806889	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	799707	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	2425	1.22	ng/uL	0.00
5) Phenol-d5	6.95	99	45756	5.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	127599	26.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	135462	21.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	93747	13.38	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	91802	28.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	104208	28.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	170968	25.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	12721	1.56	ng/ul	0.01
43) Dimethylphthalate-d6	13.83	166	619825	26.39	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	733695	26.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	20974	4.89	ng/ul	0.00
57) Fluorene-d10	15.41	176	543319	26.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	106222	27.82	ng/ul	0.00
70) Anthracene-d10	17.27	188	832172	27.73	ng/ul	0.00
76) Pyrene-d10	19.56	212	976287	26.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	966649	27.31	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	10688	2.95	ng/uL	97
4) Benzaldehyde	6.92	77	3210	0.78	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.21	93	812	0.12	ng/ul#	77
11) 2-Methylphenol	8.31	108	241	0.04	ng/ul#	4
14) Acetophenone	8.60	105	1794	0.17	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.48	70	1961	0.36	ng/ul#	1
17) Hexachloroethane	8.87	117	10507	4.26	ng/ul#	8
20) Nitrobenzene	8.95	77	3940	0.49	ng/ul#	2
21) Isophorone	9.65	82	8886	0.57	ng/ul#	72
24) 2,4-Dimethylphenol	9.78	107	378	0.05	ng/ul#	73
28) Naphthalene	10.65	128	7745347	342.44	ng/ul	98
30) 4-Chloroaniline	10.65	127	1075822	129.77	ng/ul#	20
33) 4-Chloro-3-methylphenol	11.71	107	112	0.01	ng/ul#	1
34) 2-Methylnaphthalene	12.23	142	2106953	124.55	ng/ul	99
40) 1,1'-Biphenyl	13.24	154	879140	37.87	ng/ul	99
41) 2-Chloronaphthalene	13.25	162	991	0.06	ng/ul#	1
42) 2-Nitroaniline	13.44	65	2833	0.52	ng/ul#	22
44) Dimethylphthalate	13.81	163	1115	0.05	ng/ul#	1
47) Acenaphthylene	14.14	152	147775	5.07	ng/ul#	94
48) 3-Nitroaniline	14.49	138	1962	0.40	ng/ul#	1
49) Acenaphthene	14.49	153	1733745	90.26	ng/ul	99
52) 4-Nitrophenol	14.49	109	2867	0.80	ng/ul#	1
53) Dibenzofuran	14.82	168	2165530	77.70	ng/ul	96

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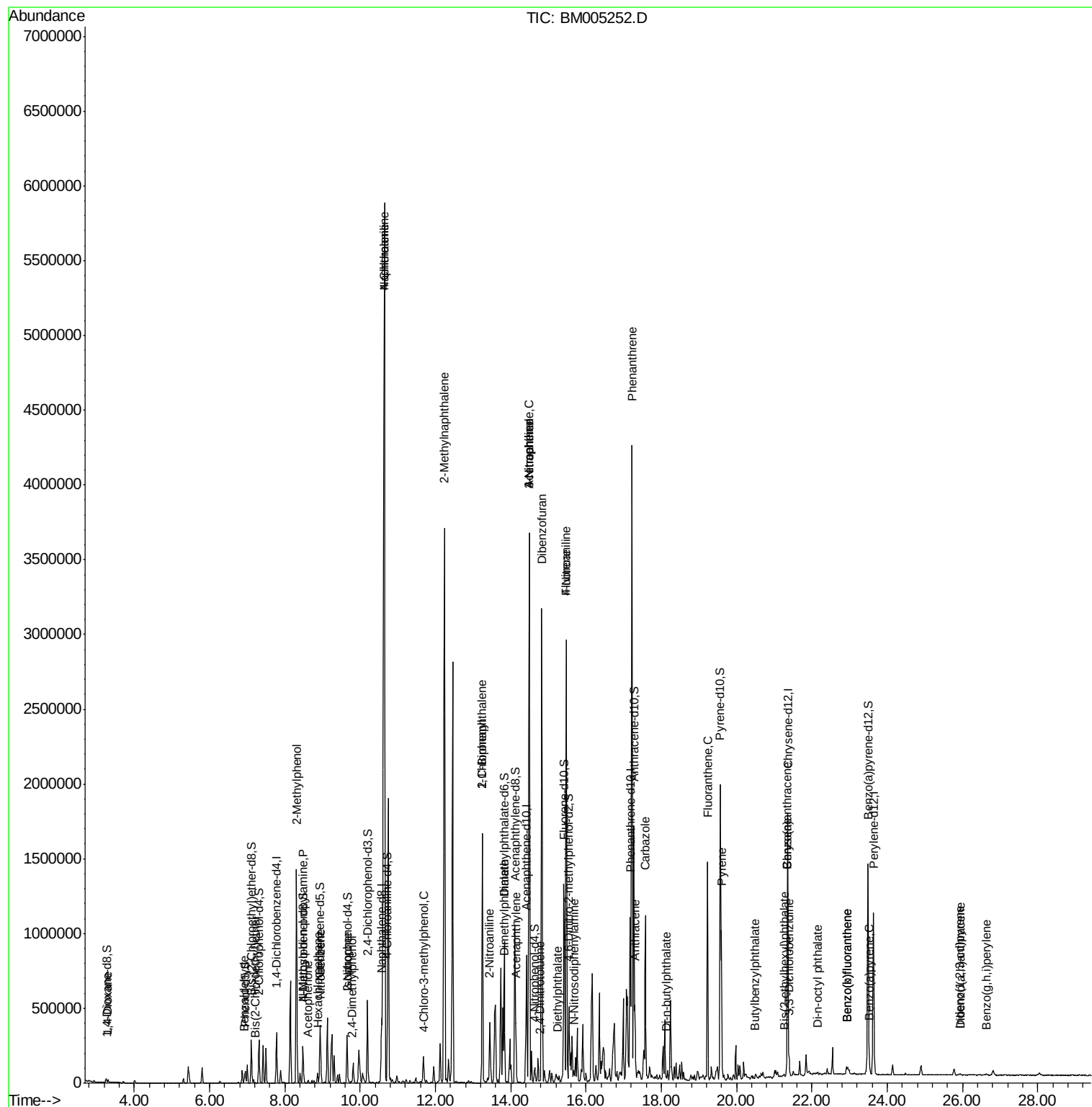
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) 2,4-Dinitrotoluene	14.77	165	2704	0.39	ng/ul#	47
56) Diethylphthalate	15.24	149	933	0.04	ng/ul#	65
58) Fluorene	15.47	166	1415675	64.97	ng/ul	99
60) 4-Nitroaniline	15.47	138	17001	3.25	ng/ul#	19
64) N-Nitrosodiphenylamine	15.67	169	3941	0.21	ng/ul#	1
69) Phenanthrene	17.22	178	3023004	84.69	ng/ul	98
71) Anthracene	17.30	178	268791	7.55	ng/ul	99
72) Carbazole	17.57	167	695967	22.23	ng/ul	99
73) Di-n-butylphthalate	18.13	149	11671	0.31	ng/ul#	86
74) Fluoranthene	19.23	202	905023	22.88	ng/ul	98
77) Pyrene	19.59	202	597393	12.76	ng/ul	98
78) Butylbenzylphthalate	20.49	149	1219	0.06	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.39	252	409	0.03	ng/ul#	42
80) Benzo(a)anthracene	21.34	228	86519	1.86	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.26	149	4875	0.18	ng/ul#	91
82) Chrysene	21.34	228	86519	1.96	ng/ul	96
84) Di-n-octyl phthalate	22.15	149	916	0.02	ng/ul#	1
85) Benzo(b)fluoranthene	22.94	252	43325	0.93	ng/ul	95
86) Benzo(k)fluoranthene	22.94	252	43325	0.98	ng/ul	95
88) Benzo(a)pyrene	23.53	252	30952	0.70	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.92	276	10862	0.23	ng/ul	98
90) Dibenzo(a,h)anthracene	25.93	278	4822	0.12	ng/ul#	85
91) Benzo(g,h,i)perylene	26.63	276	8415	0.21	ng/ul	95

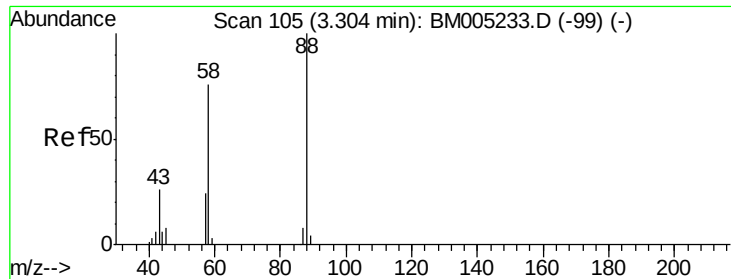
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.95 ng/uL

RT: 3.30 min Scan# 105

Delta R.T. -0.00 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampleId :

BC7S7

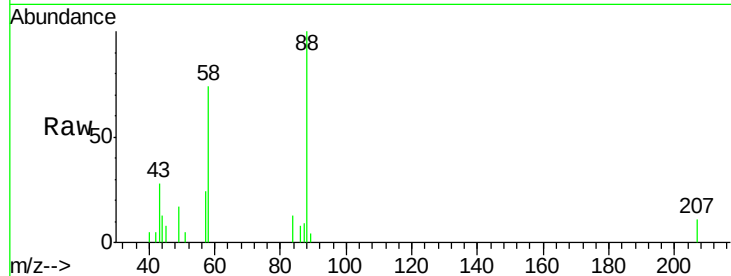
Tgt Ion: 88 Resp: 10688

Ion Ratio Lower Upper

88 100

43 25.6 19.3 28.9

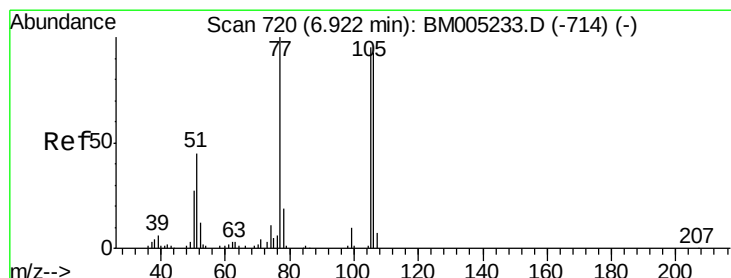
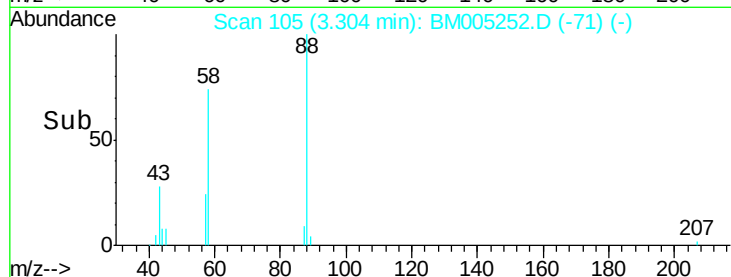
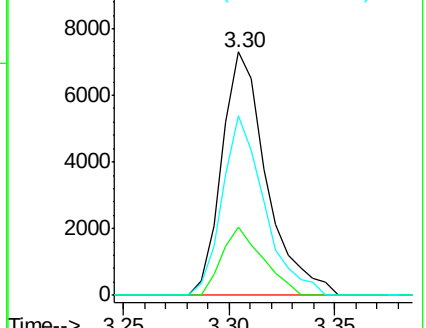
58 69.6 57.9 86.9



Abundance Ion 88.00 (87.70 to 88.70): BM005233.D (-99) (-)

Ion 43.00 (42.70 to 43.70): BM005233.D (-99) (-)

Ion 58.00 (57.70 to 58.70): BM005233.D (-99) (-)



#4

Benzaldehyde

Concen: 0.78 ng/uL

RT: 6.92 min Scan# 720

Delta R.T. -0.00 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

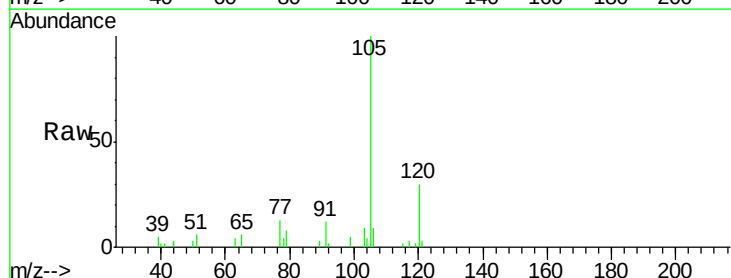
Tgt Ion: 77 Resp: 3210

Ion Ratio Lower Upper

77 100

105 785.5 77.6 116.4#

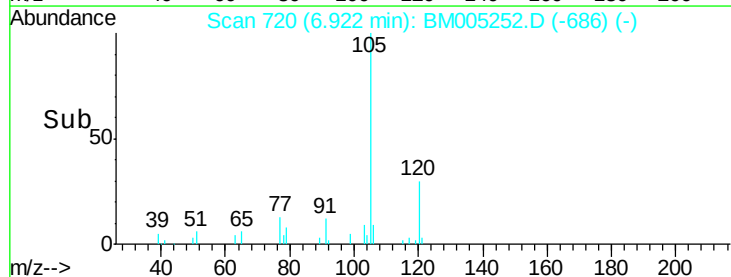
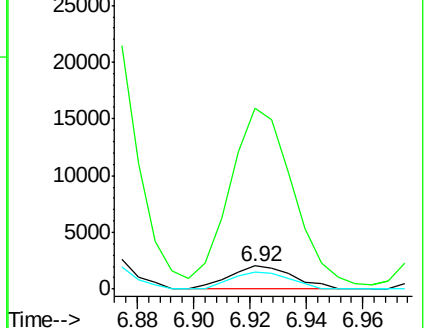
106 72.6 77.9 116.9#

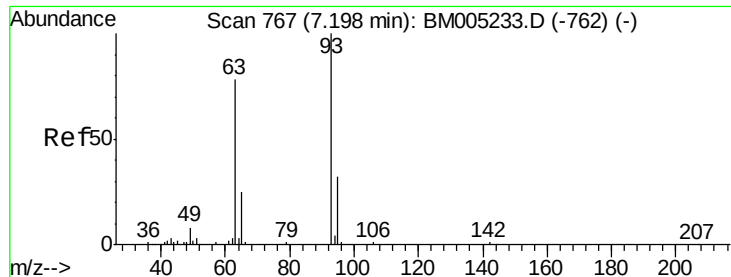


Abundance Ion 77.00 (76.70 to 77.70): BM005233.D (-714) (-)

Ion 105.00 (104.70 to 105.70): BM005233.D (-714) (-)

Ion 106.00 (105.70 to 106.70): BM005233.D (-714) (-)





#8

Bis(2-Chloroethyl)ether

Concen: 0.12 ng/ul

RT: 7.21 min Scan# 769

Delta R.T. 0.01 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

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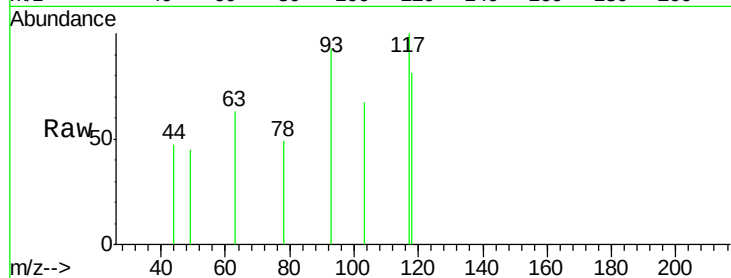
Tgt Ion: 93 Resp: 812

Ion Ratio Lower Upper

93 100

63 67.6 60.6 90.8

95 0.0 24.2 36.4#

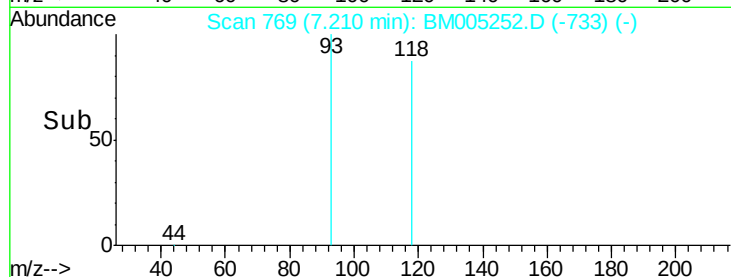


Abundance Ion 93.00 (92.70 to 93.70): BM005233.D (-762) (-)

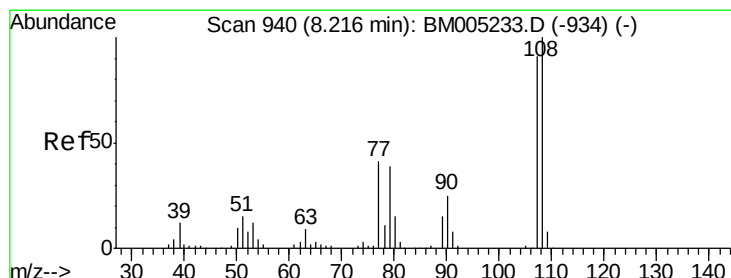
Ion 63.00 (62.70 to 63.70): BM005233.D (-762) (-)

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

Time-->



Time-->



#11

2-Methylphenol

Concen: 0.04 ng/ul

RT: 8.31 min Scan# 956

Delta R.T. 0.09 min

Lab File: BM005252.D

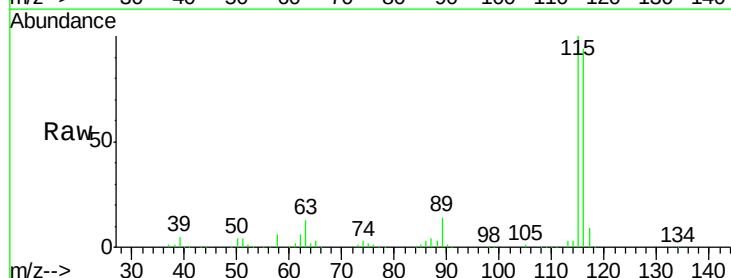
Acq: 06 May 2016 01:46

Tgt Ion: 108 Resp: 241

Ion Ratio Lower Upper

108 100

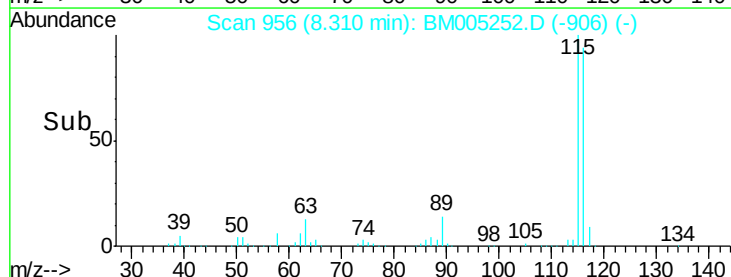
107 0.0 73.4 110.0#



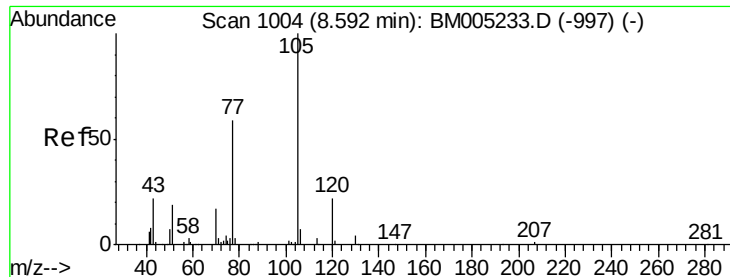
Abundance Ion 108.00 (107.70 to 108.70): BM005233.D (-934) (-)

Ion 107.00 (106.70 to 107.70): BM005233.D (-934) (-)

Time-->



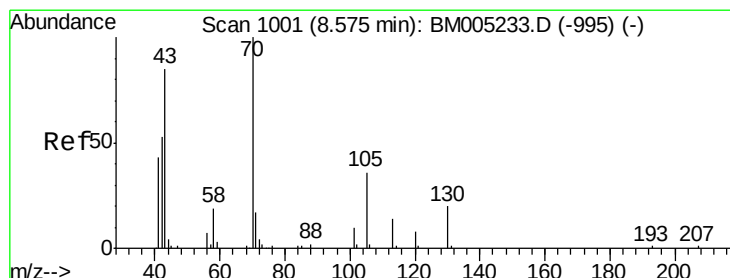
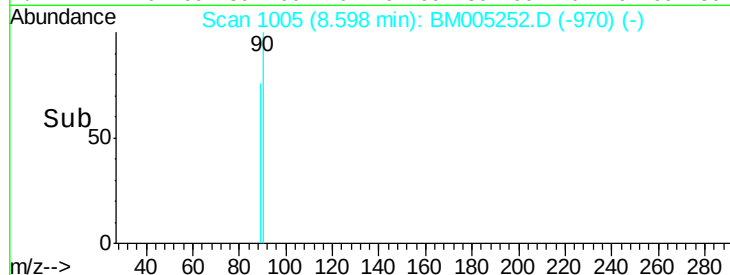
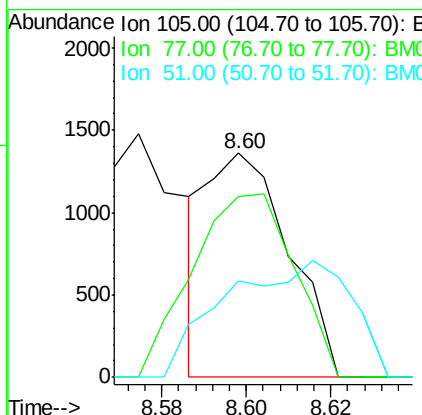
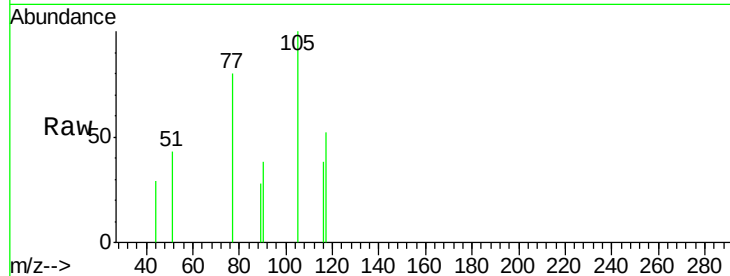
Time-->



#14
Acetophenone
Concen: 0.17 ng/ul
RT: 8.60 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BM005252.D
Acq: 06 May 2016 01:46

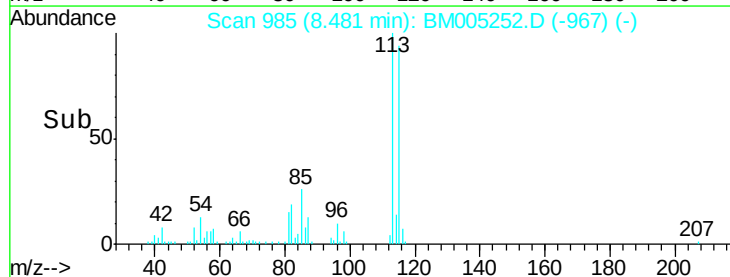
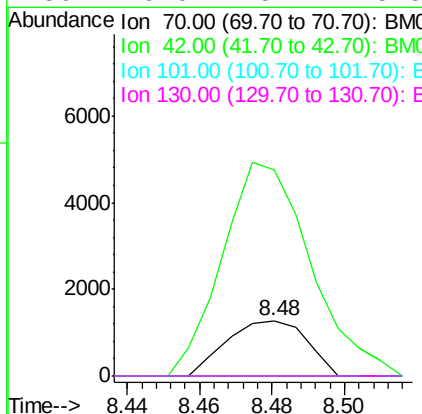
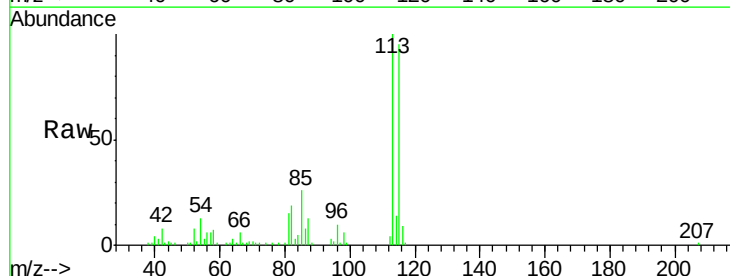
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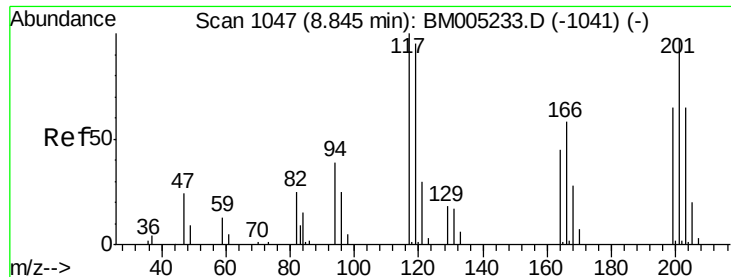
Tgt Ion: 105 Resp: 1794
Ion Ratio Lower Upper
105 100
77 80.4 61.2 91.8
51 42.8 21.2 31.8#



#15
N-Nitroso-di-n-propylamine
Concen: 0.36 ng/ul
RT: 8.48 min Scan# 985
Delta R.T. -0.09 min
Lab File: BM005252.D
Acq: 06 May 2016 01:46

Tgt Ion: 70 Resp: 1961
Ion Ratio Lower Upper
70 100
42 370.9 42.8 64.2#
101 0.0 7.8 11.6#
130 0.0 15.7 23.5#





#17

Hexachloroethane

Concen: 4.26 ng/ul

RT: 8.87 min Scan# 1052

Delta R.T. 0.03 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampleId :

BC7S7

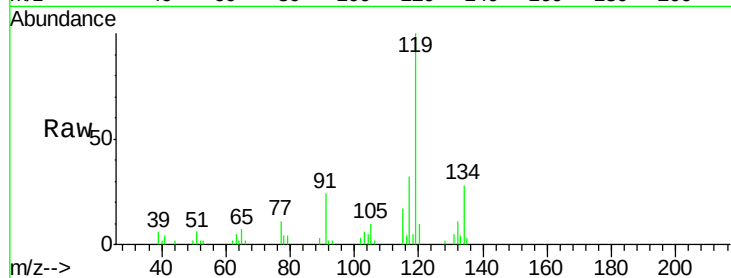
Tgt Ion:117 Resp: 10507

Ion Ratio Lower Upper

117 100

201 0.0 78.1 117.1#

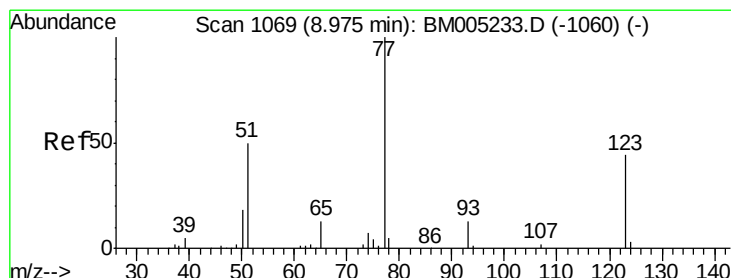
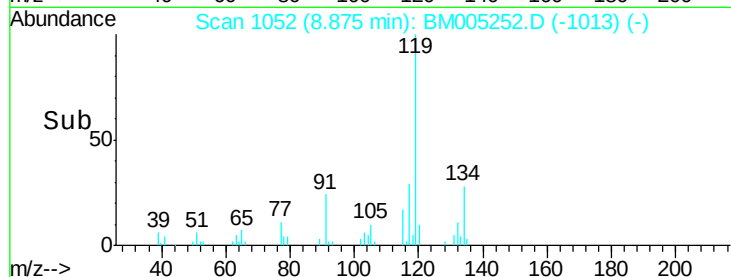
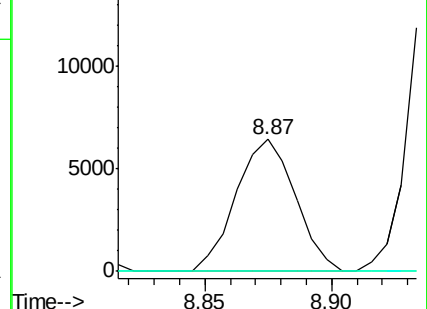
199 0.0 50.2 75.2#



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: 0.49 ng/ul

RT: 8.95 min Scan# 1065

Delta R.T. -0.02 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

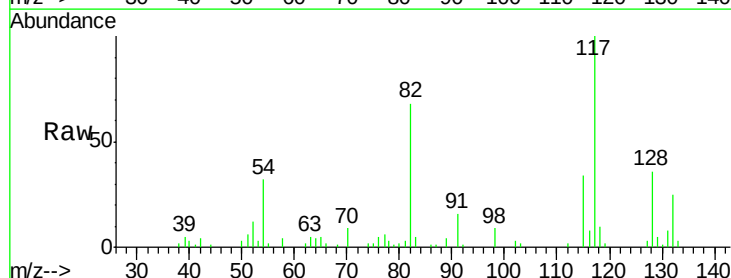
Tgt Ion: 77 Resp: 3940

Ion Ratio Lower Upper

77 100

123 0.0 34.1 51.1#

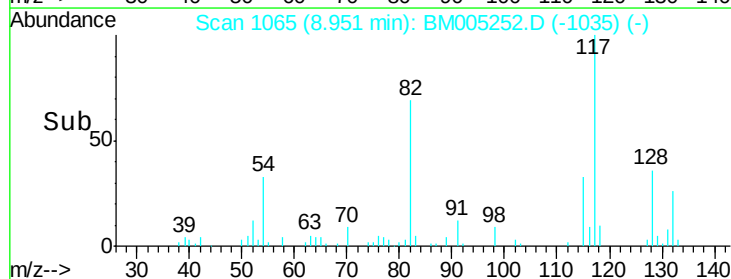
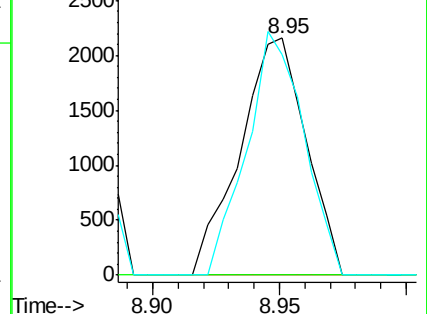
65 92.9 11.0 16.4#

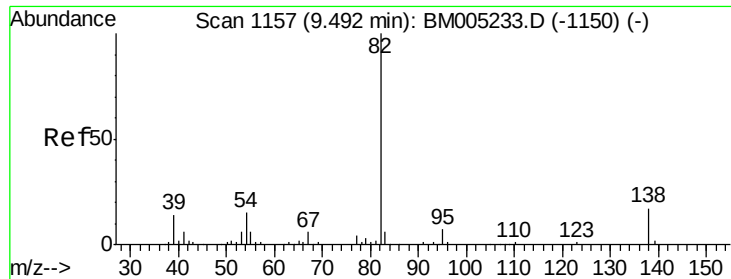


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 0.57 ng/ul

RT: 9.65 min Scan# 1184

Delta R.T. 0.16 min

Lab File: BM005252.D

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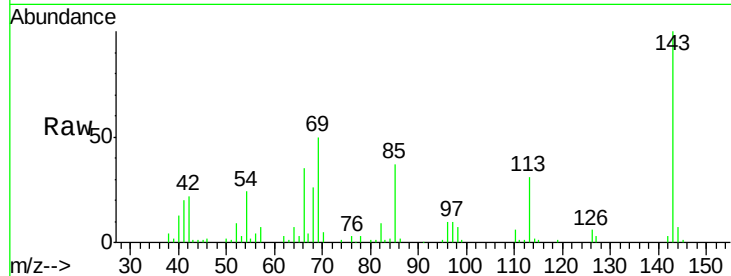
Tgt Ion: 82 Resp: 8886

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.0

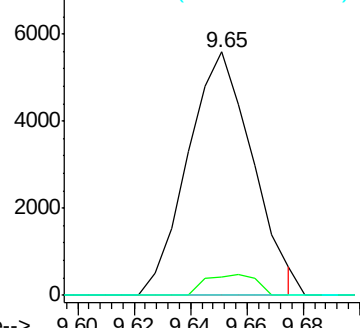
138 0.0 13.4 20.2#



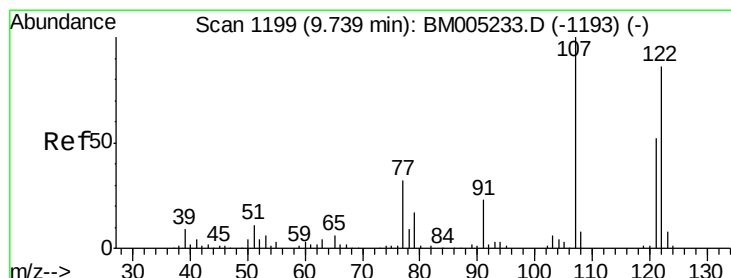
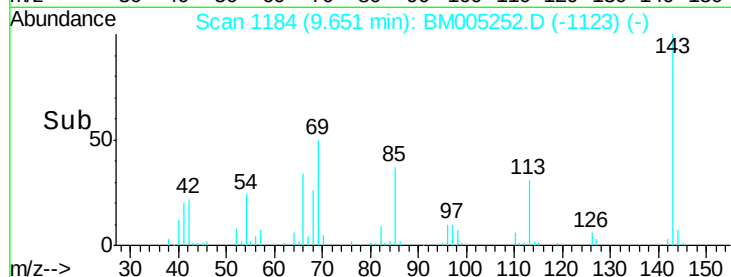
Abundance Ion 82.00 (81.70 to 82.70): BM005233.D (-1150) (-)

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

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



Time-->



#24

2,4-Dimethylphenol

Concen: 0.05 ng/ul

RT: 9.78 min Scan# 1206

Delta R.T. 0.04 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

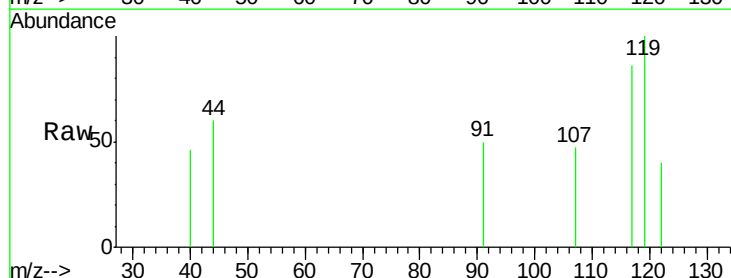
Tgt Ion: 107 Resp: 378

Ion Ratio Lower Upper

107 100

121 0.0 39.1 58.7#

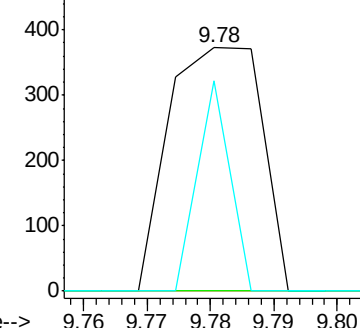
122 86.3 67.8 101.6



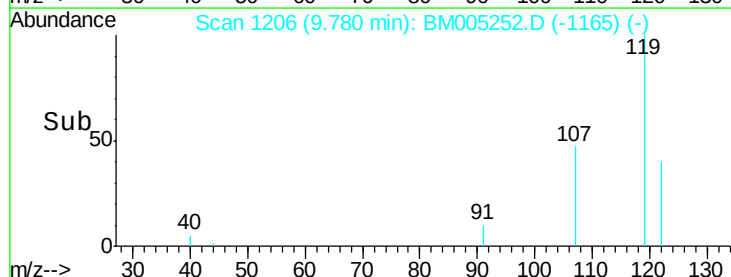
Abundance Ion 107.00 (106.70 to 107.70): BM005233.D (-1193) (-)

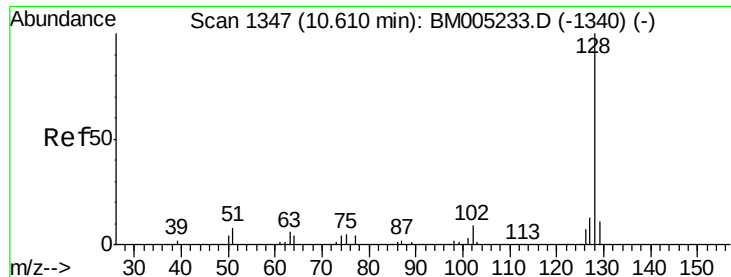
Ion 121.00 (120.70 to 121.70): BM005233.D (-1193) (-)

Ion 122.00 (121.70 to 122.70): BM005233.D (-1193) (-)



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#28

Naphthalene

Concen: 342.44 ng/ul

RT: 10.65 min Scan# 1353

Delta R.T. 0.04 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Instrument :

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ClientSampleId :

BC7S7

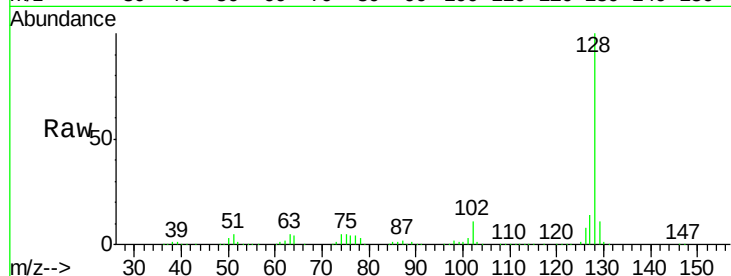
Tgt Ion:128 Resp: 7745347

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

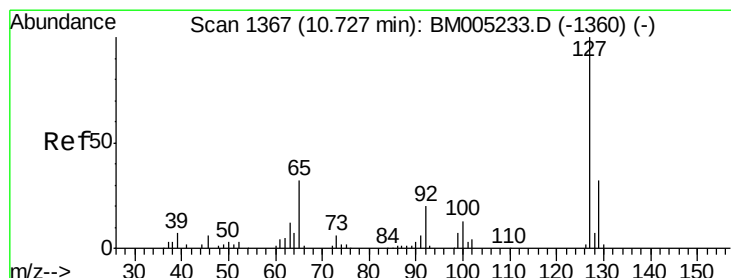
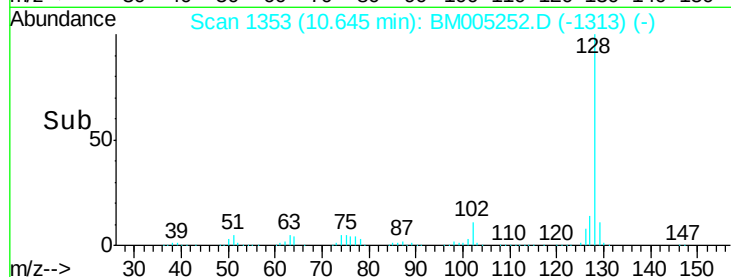
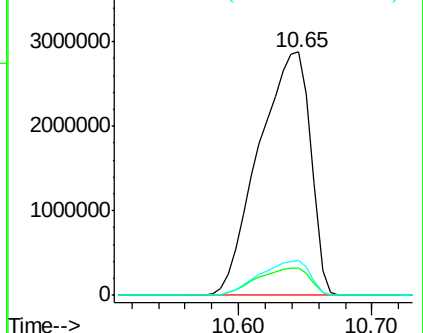
127 14.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 129.77 ng/ul

RT: 10.65 min Scan# 1353

Delta R.T. -0.08 min

Lab File: BM005252.D

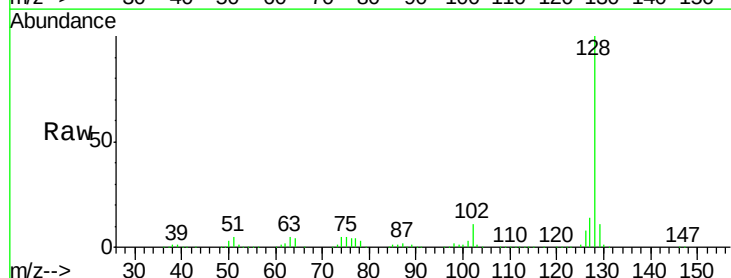
Acq: 06 May 2016 01:46

Tgt Ion:127 Resp: 1075822

Ion Ratio Lower Upper

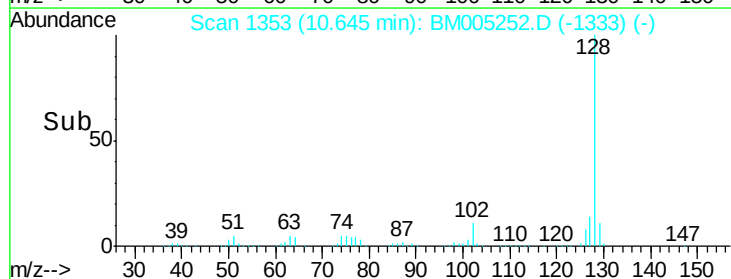
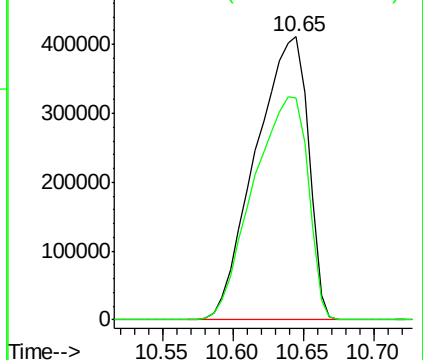
127 100

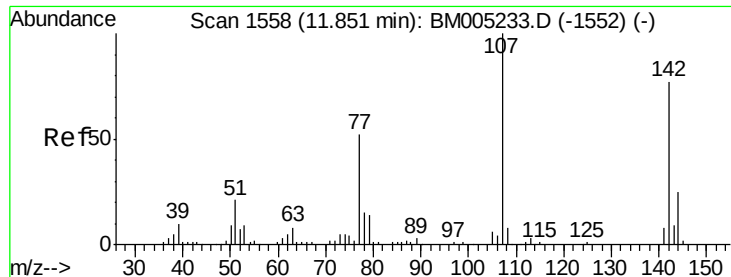
129 78.5 26.5 39.7#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

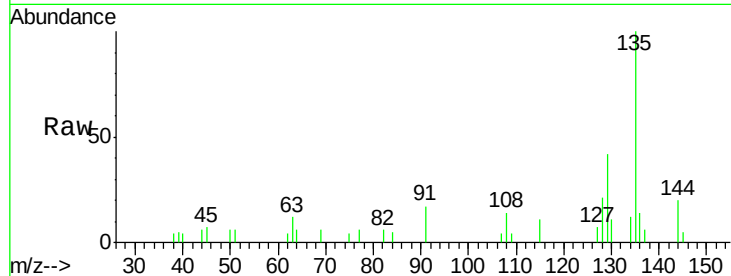




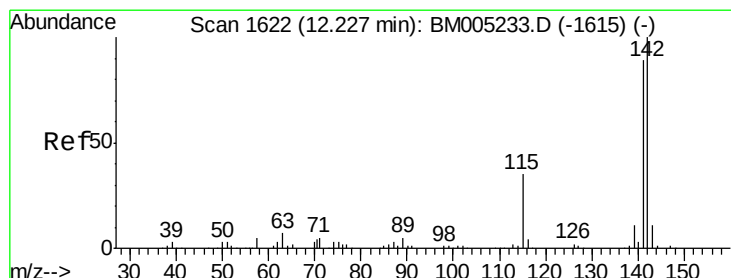
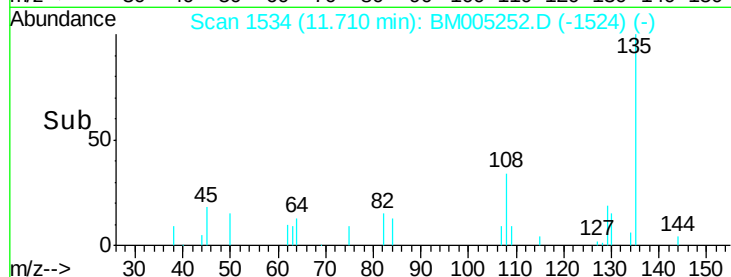
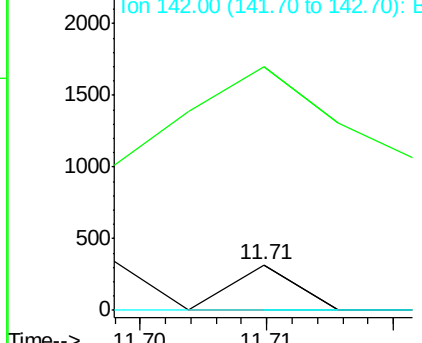
#33
 4-Chloro-3-methylphenol
 Concen: 0.01 ng/ul
 RT: 11.71 min Scan# 1534
 Delta R.T. -0.14 min
 Lab File: BM005252.D
 Acq: 06 May 2016 01:46

Instrument :
 BNA_M
 ClientSampleId :
 BC7S7

Tgt Ion:107 Resp: 112
 Ion Ratio Lower Upper
 107 100
 144 537.7 19.3 28.9#
 142 0.0 60.8 91.2#

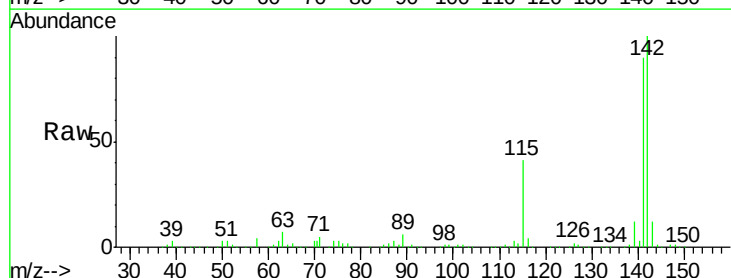


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

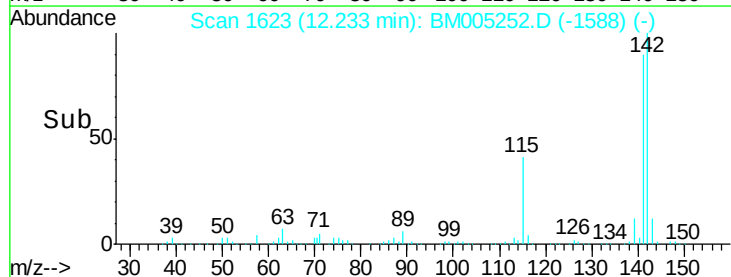
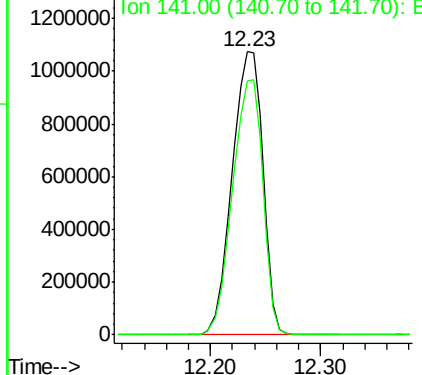


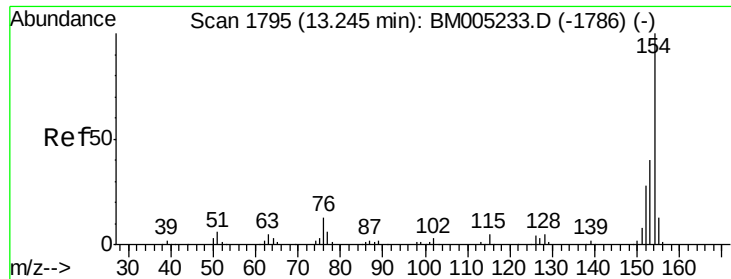
#34
 2-Methylnaphthalene
 Concen: 124.55 ng/ul
 RT: 12.23 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BM005252.D
 Acq: 06 May 2016 01:46

Tgt Ion:142 Resp: 2106953
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.3 106.9



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E





#40

1,1'-Biphenyl

Concen: 37.87 ng/ul

RT: 13.24 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampleId :

BC7S7

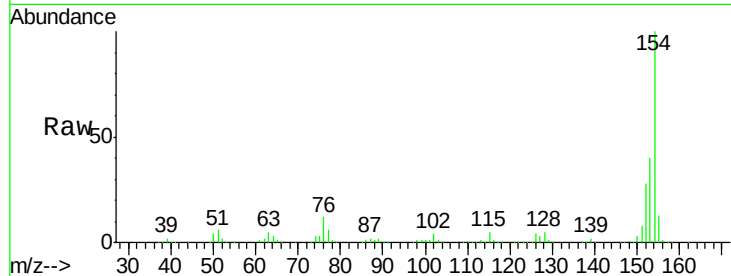
Tgt Ion:154 Resp: 879140

Ion Ratio Lower Upper

154 100

153 40.4 32.1 48.1

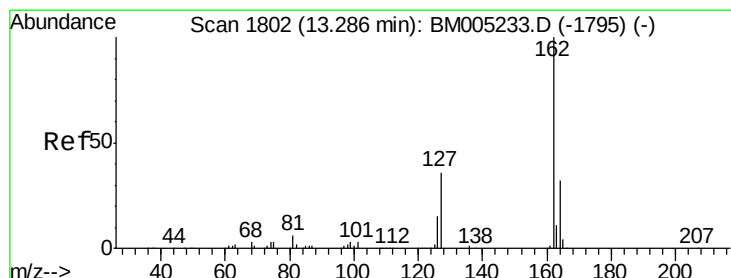
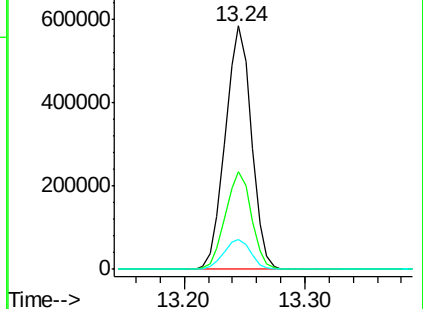
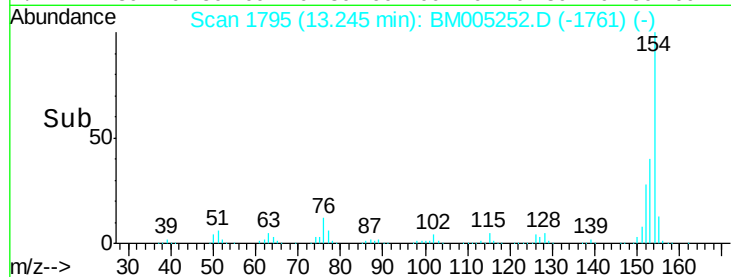
76 12.4 10.6 15.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#41

2-Chloronaphthalene

Concen: 0.06 ng/ul

RT: 13.25 min Scan# 1796

Delta R.T. -0.04 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

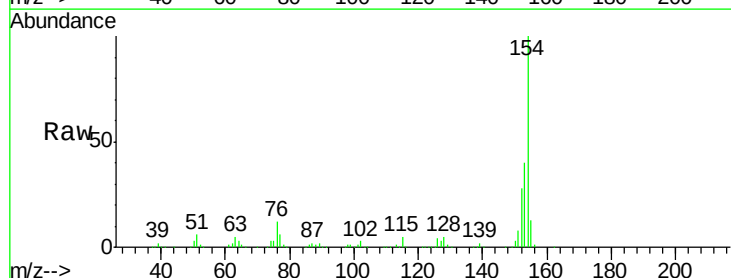
Tgt Ion:162 Resp: 991

Ion Ratio Lower Upper

162 100

164 0.0 25.5 38.3#

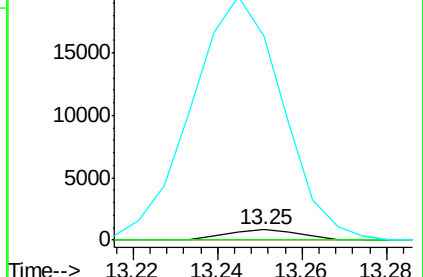
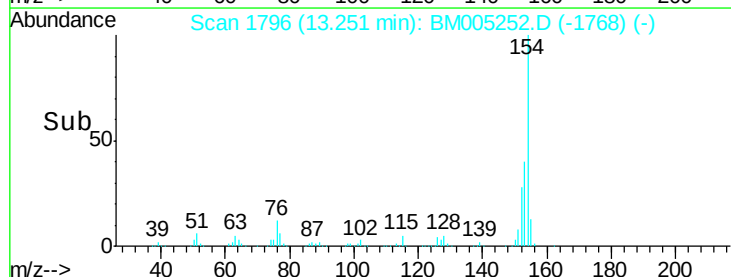
127 1950.4 31.9 47.9#

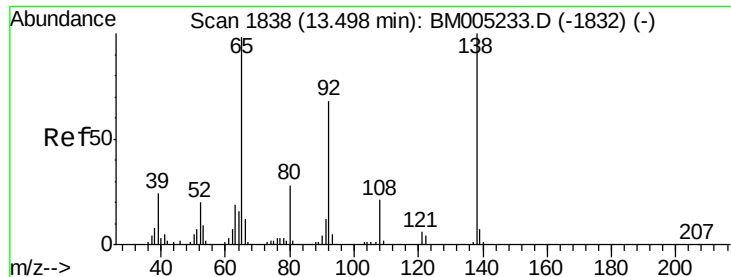


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E





#42

2-Nitroaniline

Concen: 0.52 ng/ul

RT: 13.44 min Scan# 1829

Delta R.T. -0.05 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampleId :

BC7S7

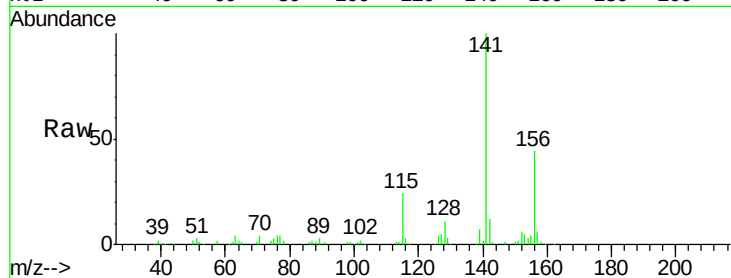
Tgt Ion: 65 Resp: 2833

Ion Ratio Lower Upper

65 100

92 0.0 60.1 90.1#

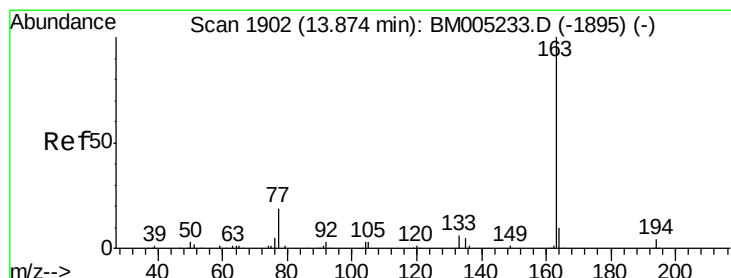
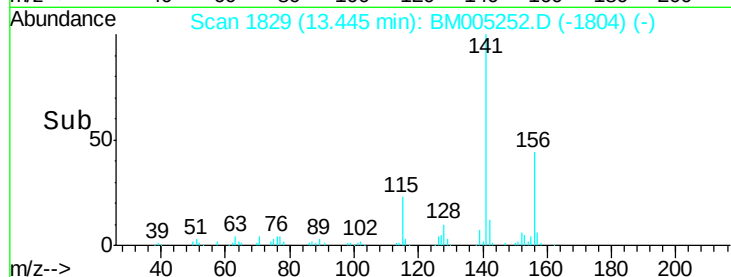
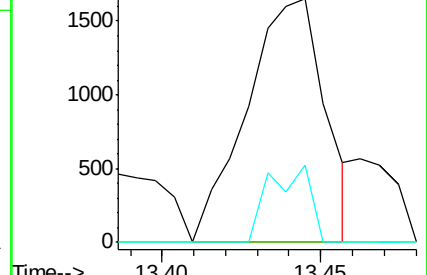
138 31.6 84.0 126.0#



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: 0.05 ng/ul

RT: 13.81 min Scan# 1891

Delta R.T. -0.06 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

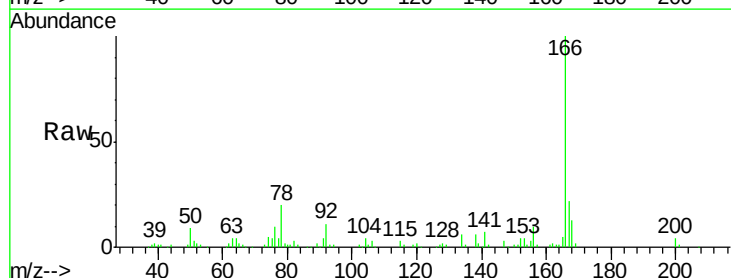
Tgt Ion: 163 Resp: 1115

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

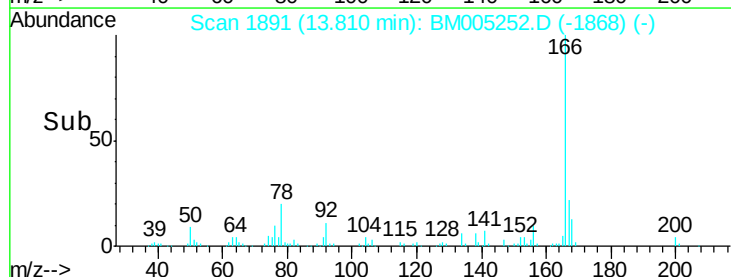
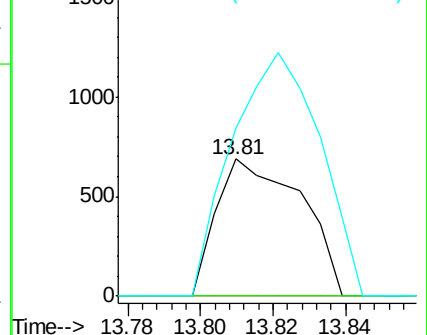
164 122.4 7.9 11.9#

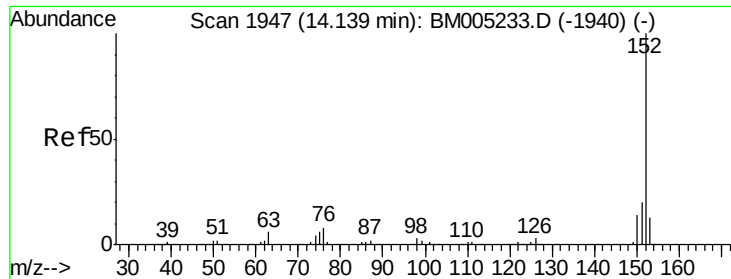


Abundance Ion 163.00 (162.70 to 163.70): BM005233.D (-1895) (-)

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: 5.07 ng/ul

RT: 14.14 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampleId :

BC7S7

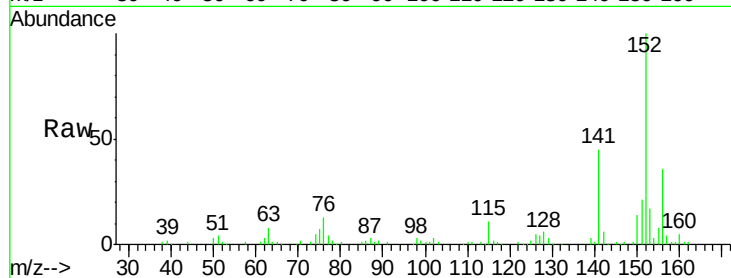
Tgt Ion:152 Resp: 147775

Ion Ratio Lower Upper

152 100

151 20.9 16.0 24.0

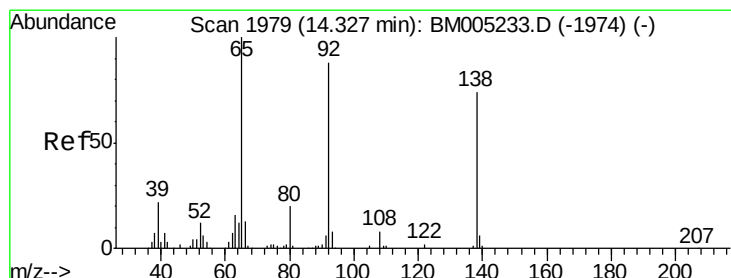
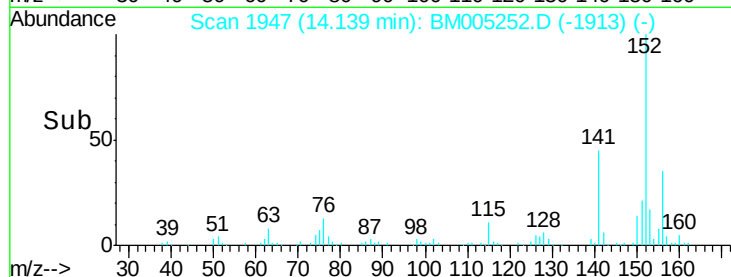
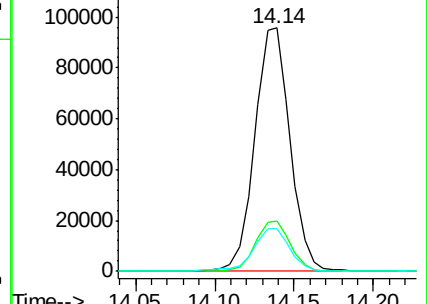
153 17.4 10.3 15.5#



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: 0.40 ng/ul

RT: 14.49 min Scan# 2007

Delta R.T. 0.16 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

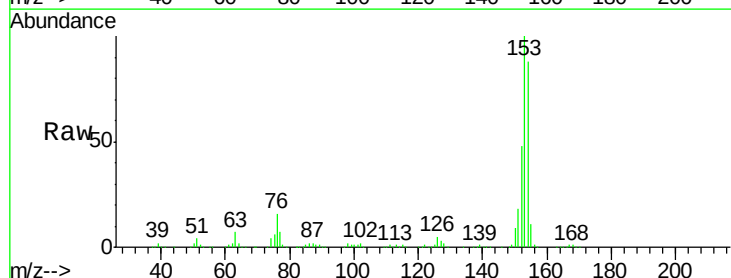
Tgt Ion:138 Resp: 1962

Ion Ratio Lower Upper

138 100

108 0.0 8.6 13.0#

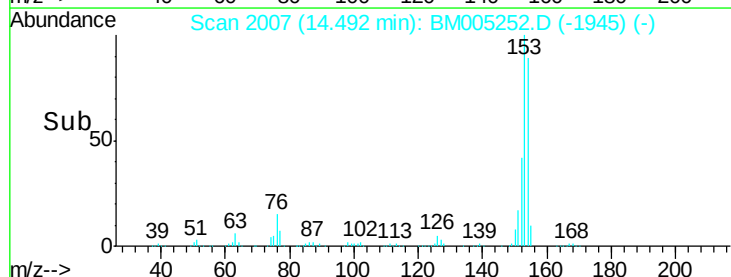
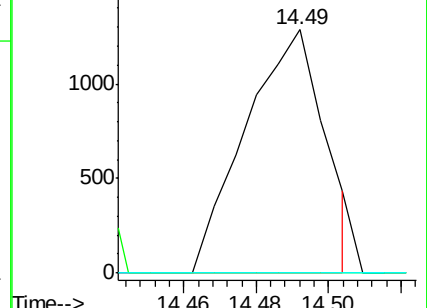
92 0.0 93.5 140.3#

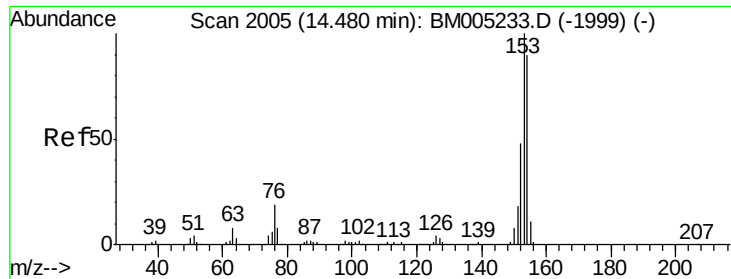


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 90.26 ng/ul

RT: 14.49 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampleId :

BC7S7

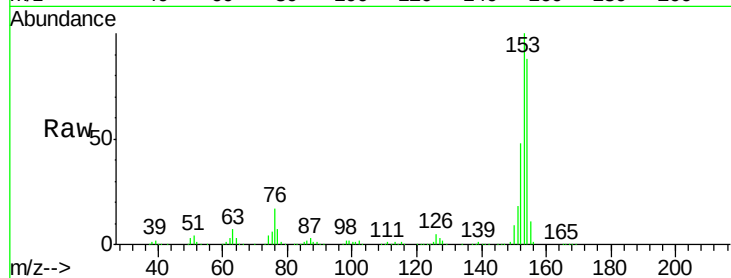
Tgt Ion:153 Resp: 1733745

Ion Ratio Lower Upper

153 100

152 48.1 38.9 58.3

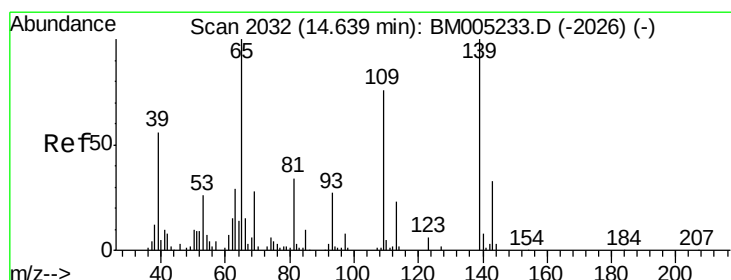
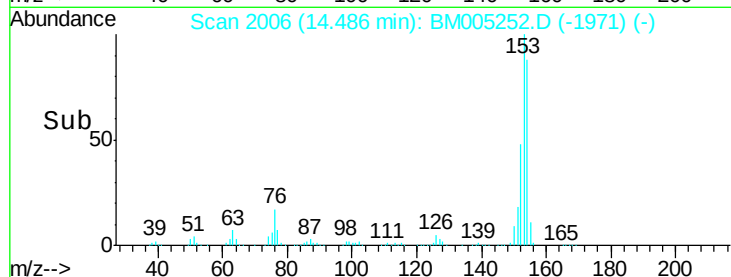
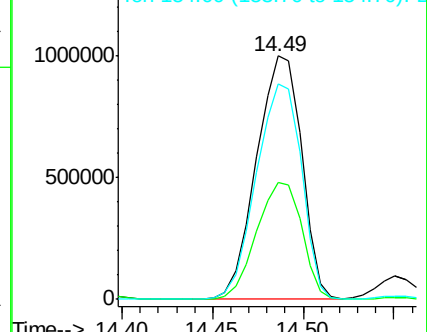
154 88.5 70.3 105.5



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: 0.80 ng/ul

RT: 14.49 min Scan# 2007

Delta R.T. -0.15 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

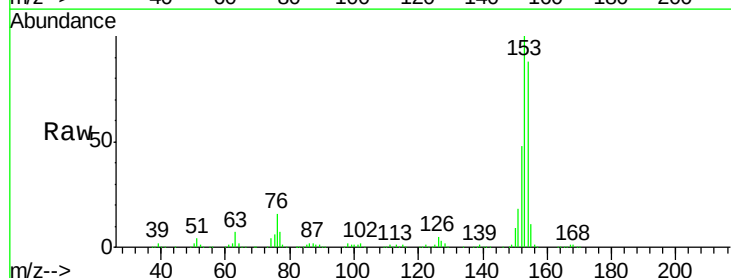
Tgt Ion:109 Resp: 2867

Ion Ratio Lower Upper

109 100

139 421.6 103.6 155.4#

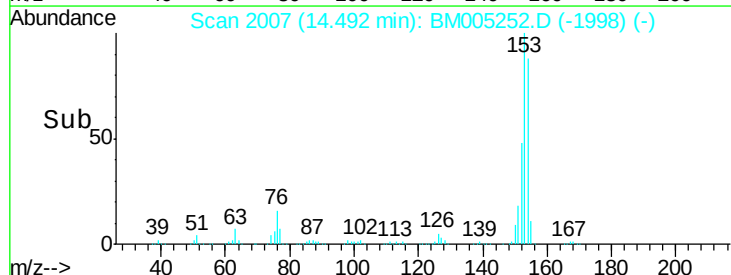
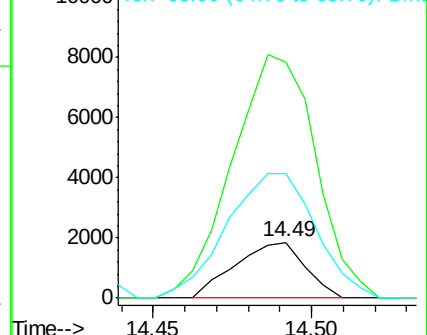
65 222.9 104.7 157.1#

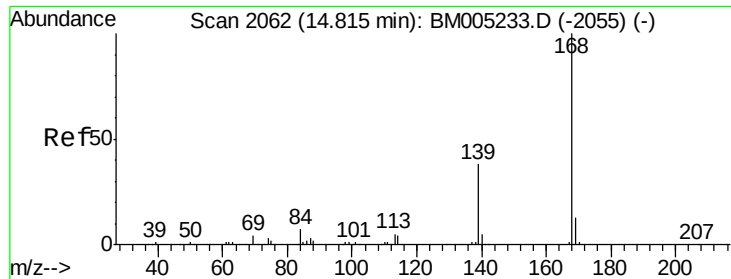


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#53

Dibenzenofuran

Concen: 77.70 ng/ul

RT: 14.82 min Scan# 2063

Delta R.T. 0.01 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampled :

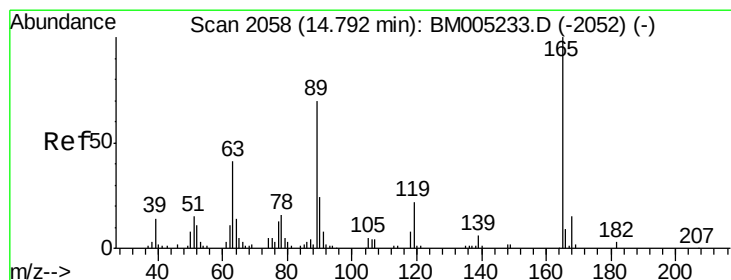
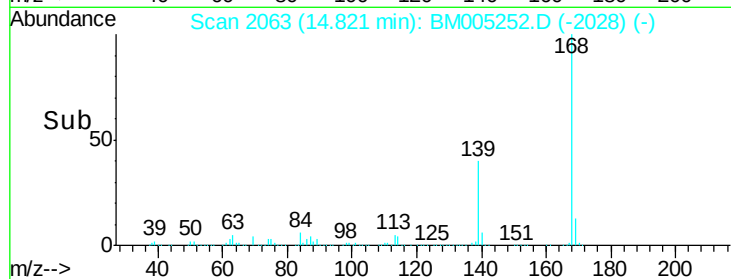
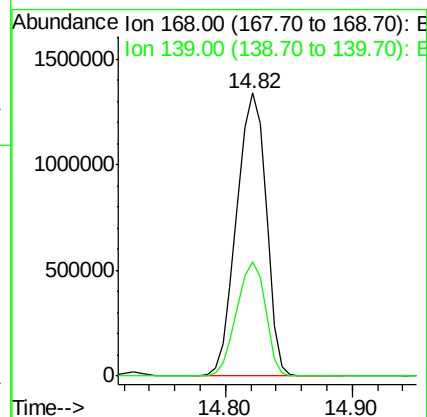
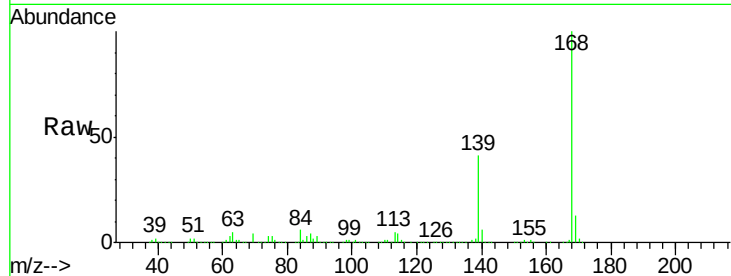
BC7S7

Tgt Ion:168 Resp: 2165530

Ion Ratio Lower Upper

168 100

139 40.5 30.3 45.5



#54

2,4-Dinitrotoluene

Concen: 0.39 ng/ul

RT: 14.77 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

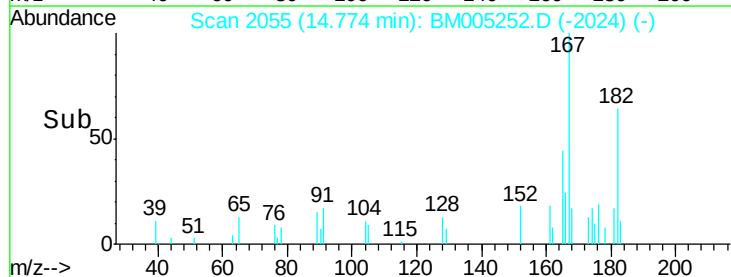
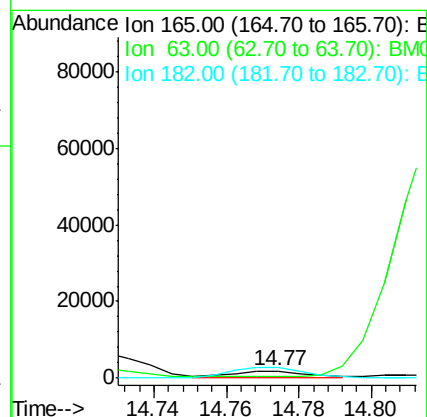
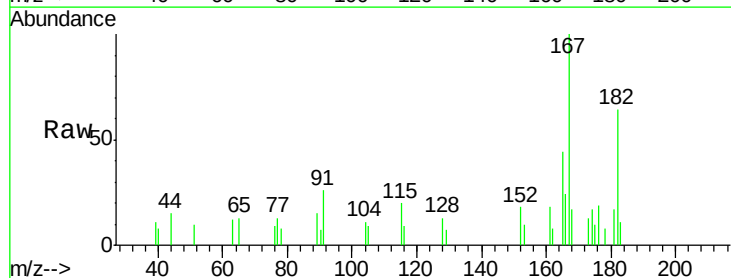
Tgt Ion:165 Resp: 2704

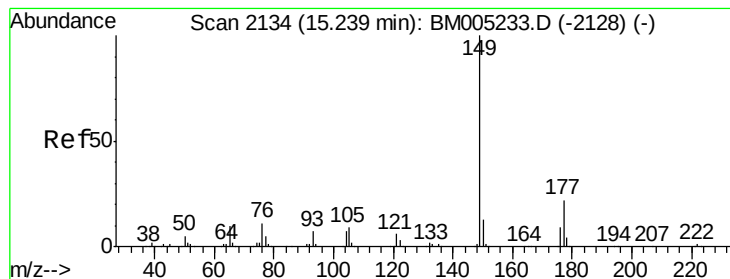
Ion Ratio Lower Upper

165 100

63 27.8 36.2 54.4#

182 146.3 2.5 3.7#





#56

Diethylphthalate

Concen: 0.04 ng/ul

RT: 15.24 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampled :

BC7S7

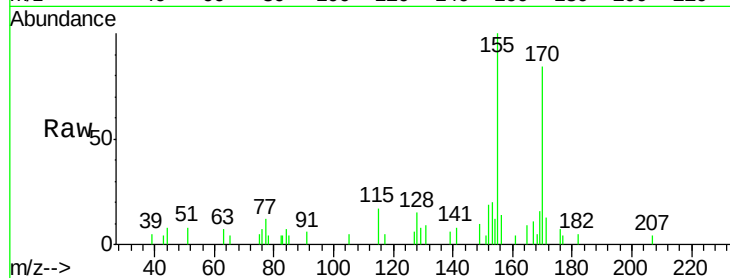
Tgt Ion:149 Resp: 933

Ion Ratio Lower Upper

149 100

177 39.9 17.6 26.4#

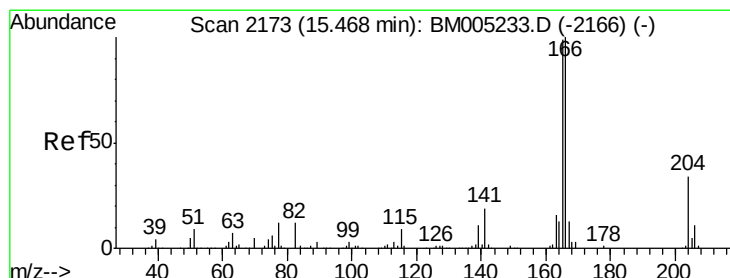
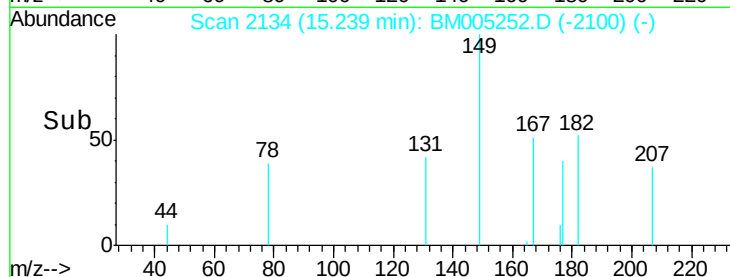
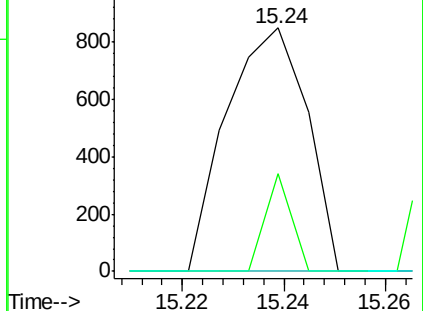
150 0.0 9.8 14.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 64.97 ng/ul

RT: 15.47 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

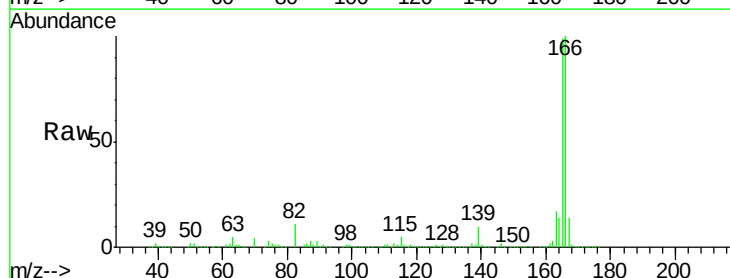
Tgt Ion:166 Resp: 1415675

Ion Ratio Lower Upper

166 100

165 98.9 77.9 116.9

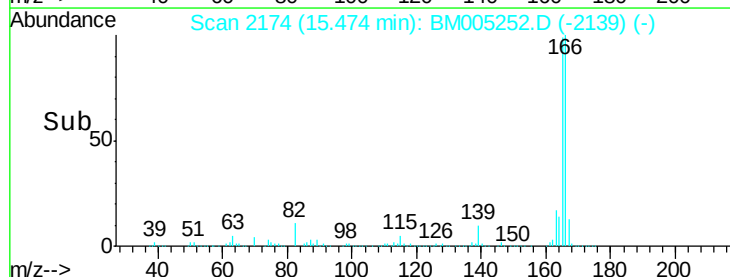
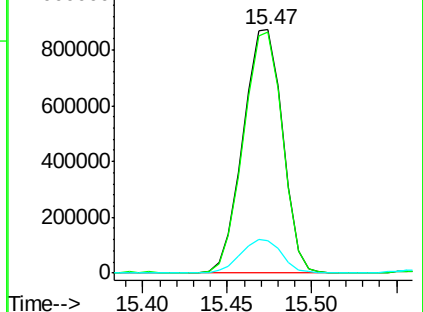
167 13.5 10.6 16.0

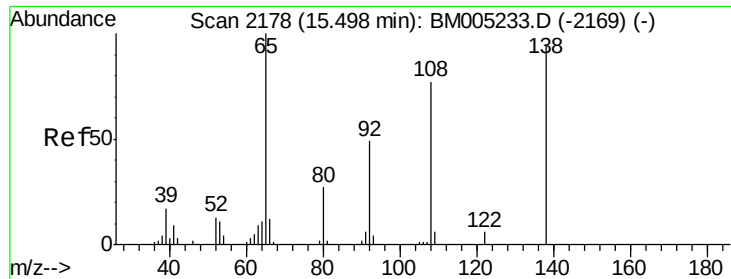


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

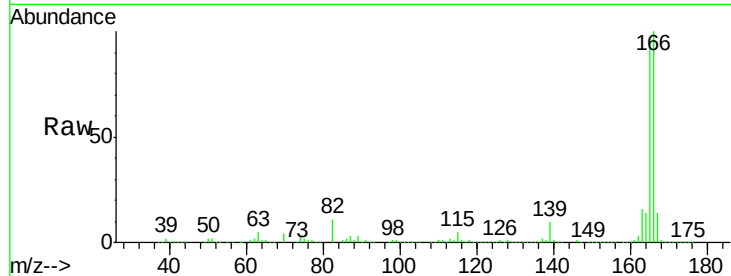




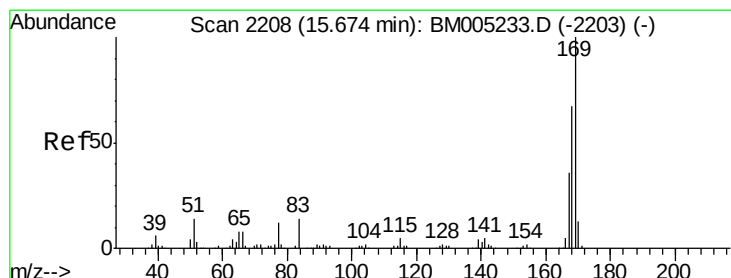
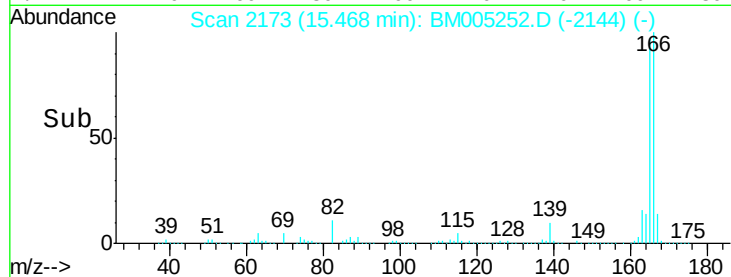
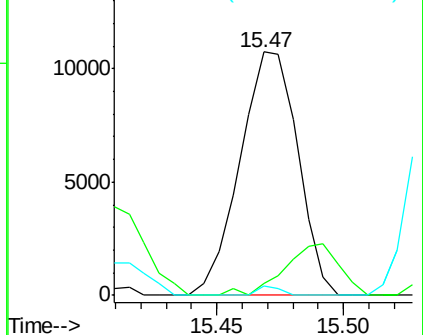
#60
4-Nitroaniline
Concen: 3.25 ng/ul
RT: 15.47 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BM005252.D
Acq: 06 May 2016 01:46

Instrument :
BNA_M
ClientSampleId :
BC7S7

Tgt Ion:138 Resp: 17001
Ion Ratio Lower Upper
138 100
92 4.7 44.3 66.5#
108 3.7 66.3 99.5#

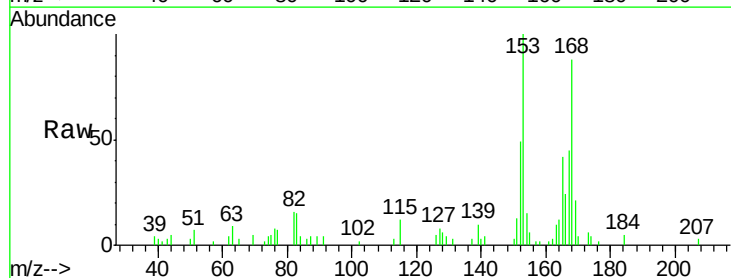


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM005233.D (-2169) (-)
Ion 108.00 (107.70 to 108.70): E

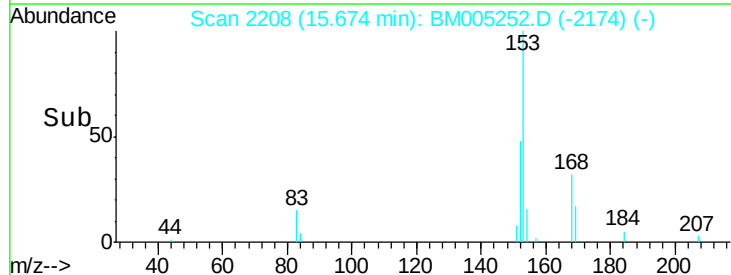
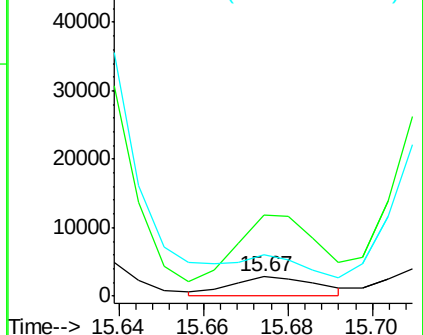


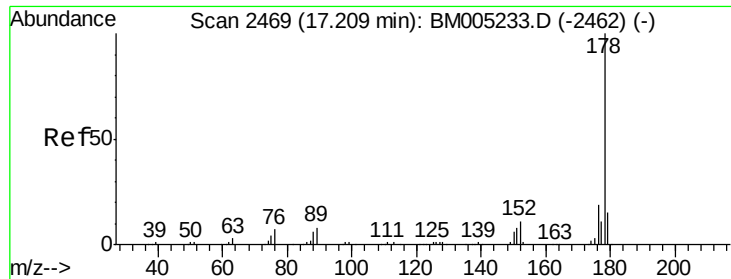
#64
N-Nitrosodiphenylamine
Concen: 0.21 ng/ul
RT: 15.67 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BM005252.D
Acq: 06 May 2016 01:46

Tgt Ion:169 Resp: 3941
Ion Ratio Lower Upper
169 100
168 421.9 52.9 79.3#
167 214.4 28.2 42.4#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 84.69 ng/ul

RT: 17.22 min Scan# 2470

Delta R.T. 0.01 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampleId :

BC7S7

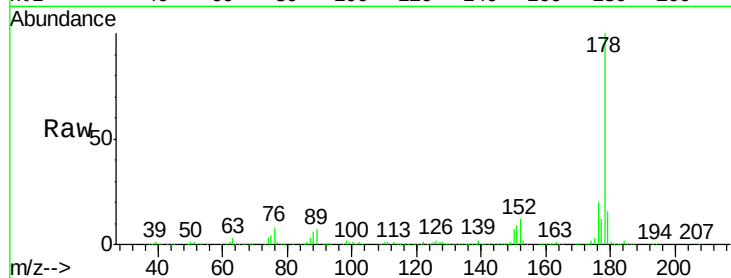
Tgt Ion:178 Resp: 3023004

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

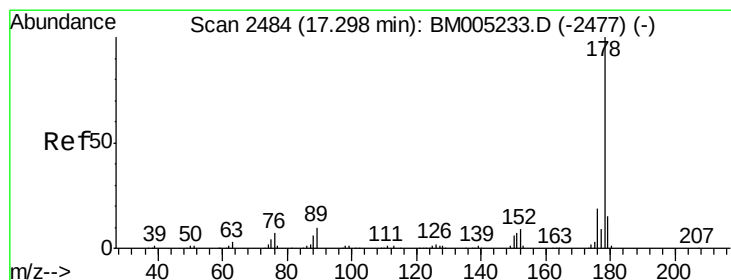
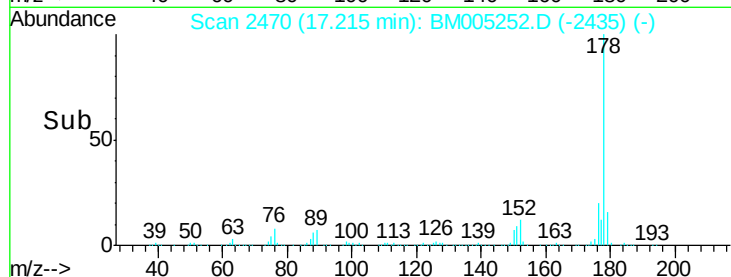
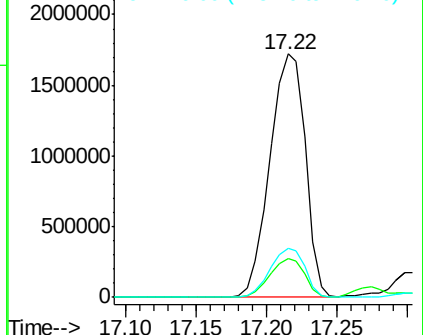
176 20.2 15.2 22.8



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: 7.55 ng/ul

RT: 17.30 min Scan# 2484

Delta R.T. -0.00 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

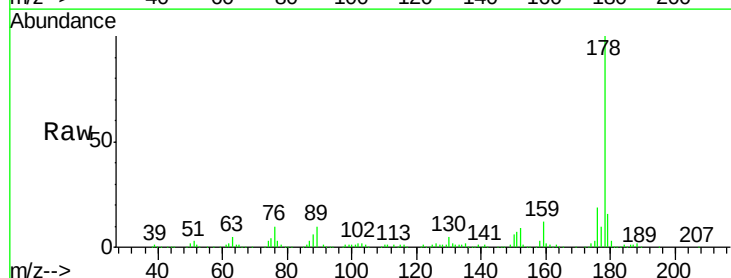
Tgt Ion:178 Resp: 268791

Ion Ratio Lower Upper

178 100

179 16.2 12.4 18.6

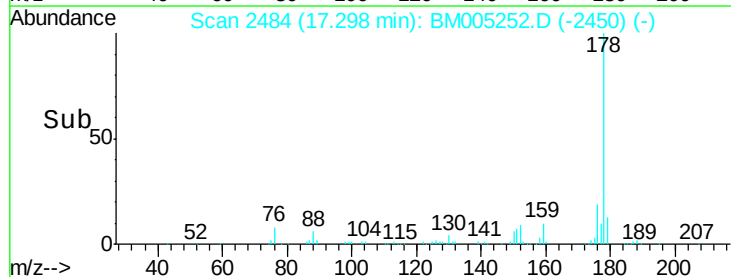
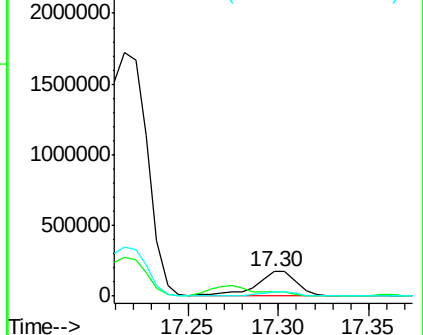
176 18.8 15.1 22.7

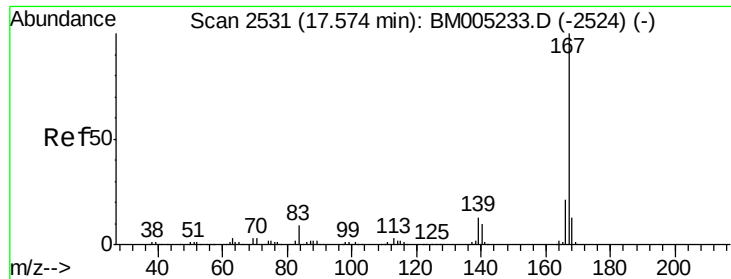


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

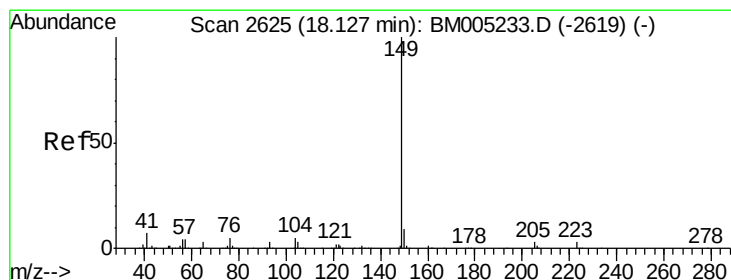
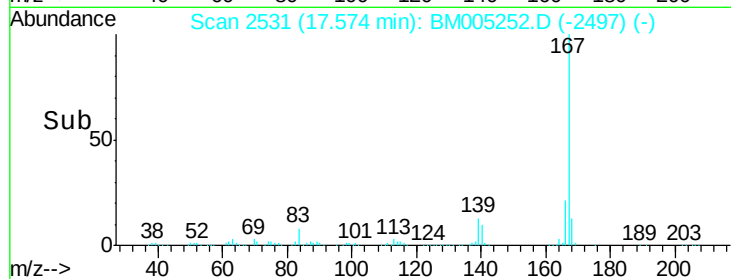
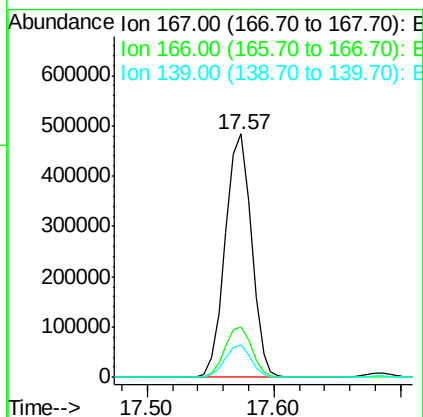
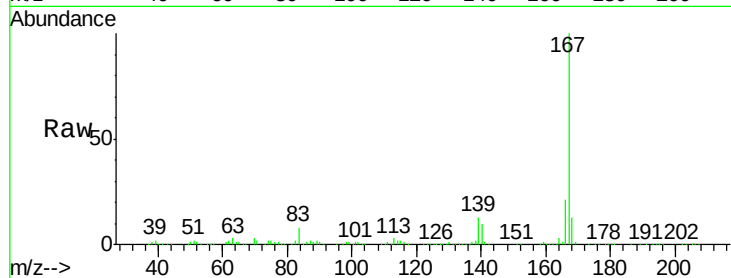




#72
 Carbazole
 Concen: 22.23 ng/ul
 RT: 17.57 min Scan# 2531
 Delta R.T. -0.00 min
 Lab File: BM005252.D
 Acq: 06 May 2016 01:46

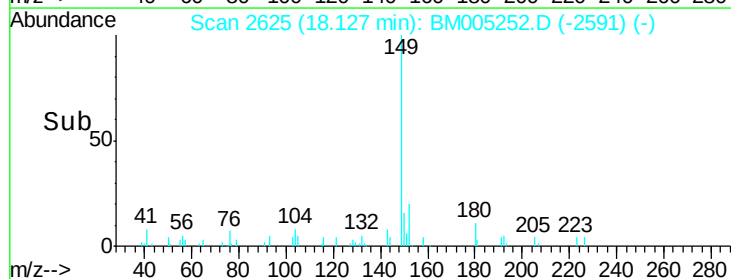
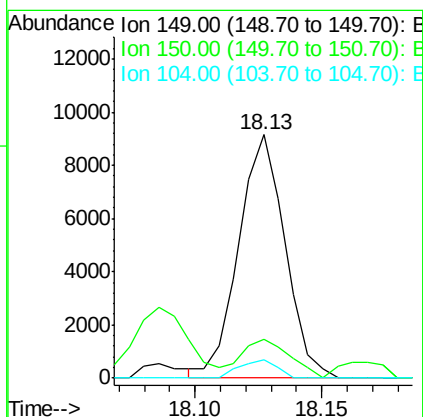
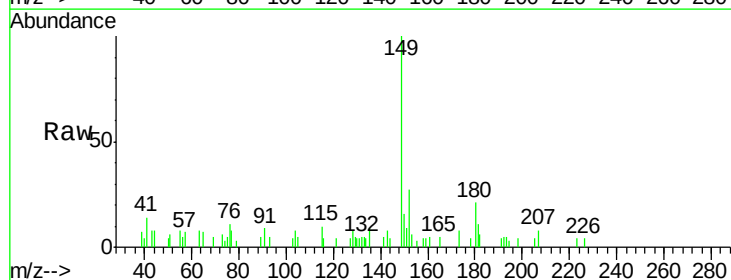
Instrument :
 BNA_M
 ClientSampleId :
 BC7S7

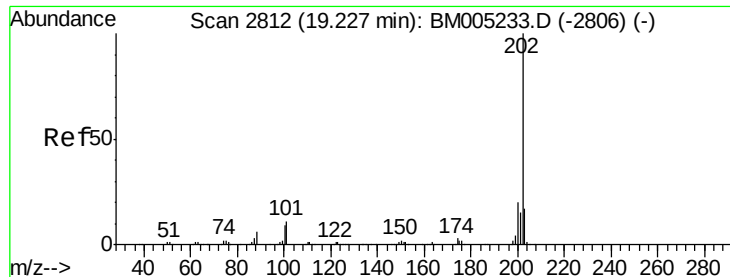
Tgt Ion:167 Resp: 695967
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.1 25.7
 139 13.2 10.2 15.2



#73
 Di-n-butylphthalate
 Concen: 0.31 ng/ul
 RT: 18.13 min Scan# 2625
 Delta R.T. -0.00 min
 Lab File: BM005252.D
 Acq: 06 May 2016 01:46

Tgt Ion:149 Resp: 11671
 Ion Ratio Lower Upper
 149 100
 150 15.7 7.3 10.9#
 104 7.6 4.1 6.1#





#74

Fluoranthene

Concen: 22.88 ng/ul

RT: 19.23 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampleId :

BC7S7

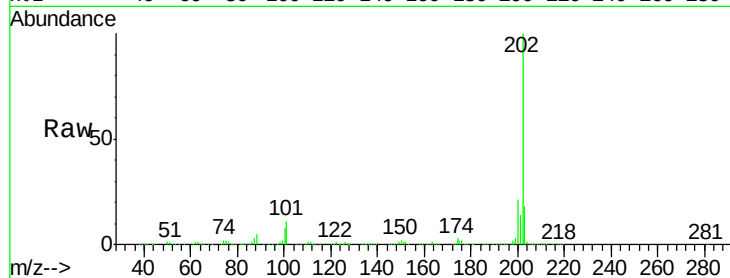
Tgt Ion:202 Resp: 905023

Ion Ratio Lower Upper

202 100

101 10.9 9.2 13.8

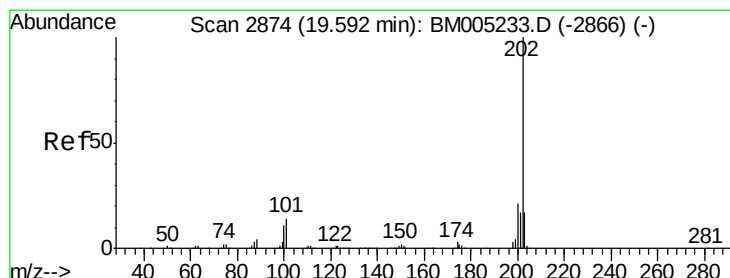
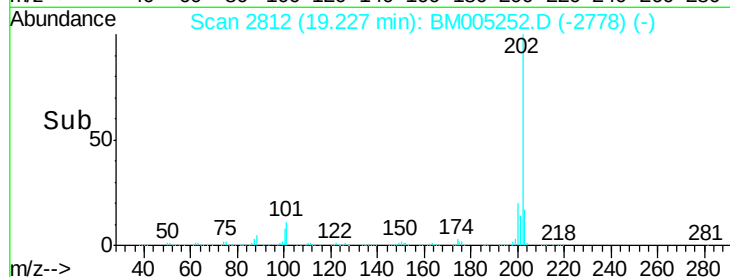
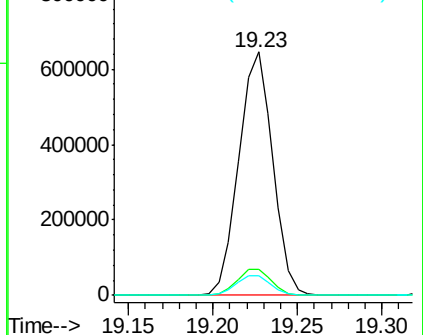
100 8.2 7.1 10.7



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: 12.76 ng/ul

RT: 19.59 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

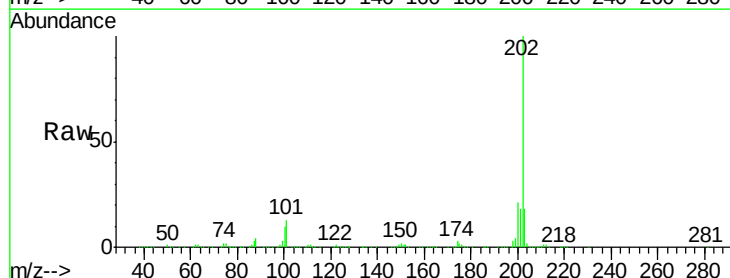
Tgt Ion:202 Resp: 597393

Ion Ratio Lower Upper

202 100

101 12.6 10.8 16.2

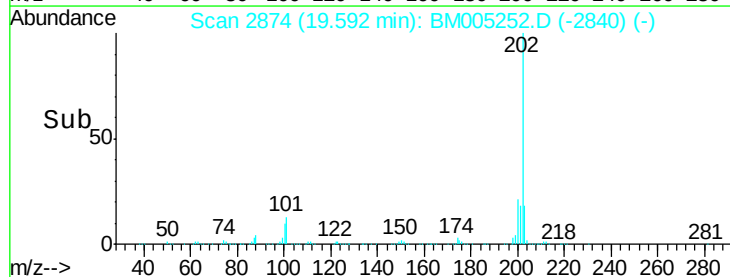
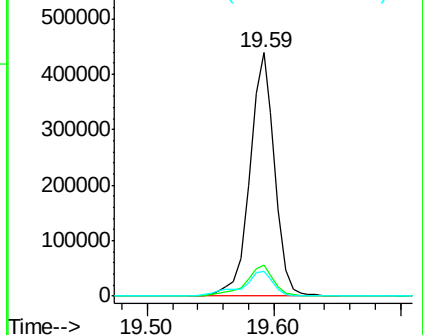
100 10.1 8.4 12.6

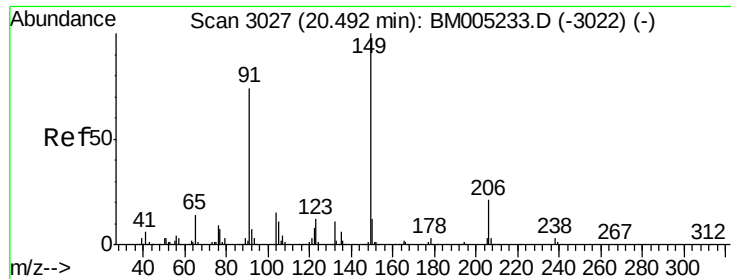


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 0.06 ng/ul

RT: 20.49 min Scan# 3026

Delta R.T. -0.01 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampled :

BC7S7

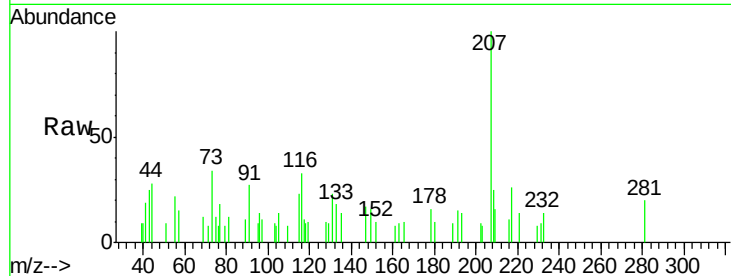
Tgt Ion:149 Resp: 1219

Ion Ratio Lower Upper

149 100

91 169.2 58.4 87.6#

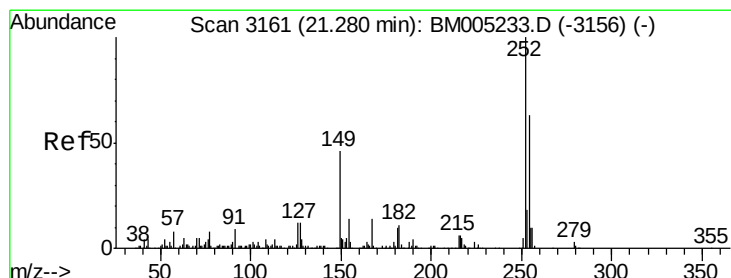
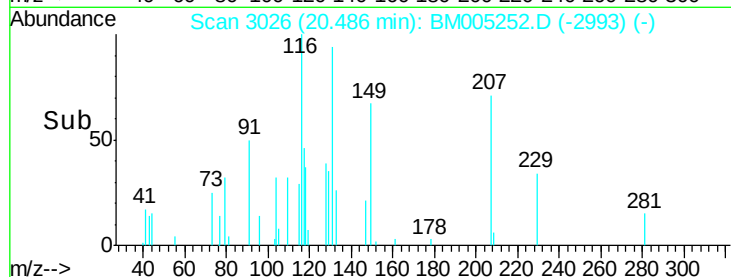
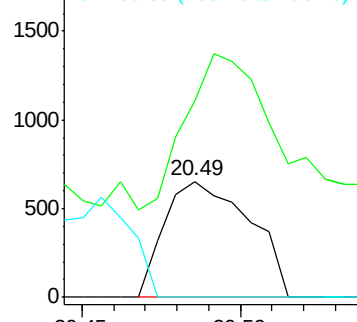
206 0.0 17.3 25.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 0.03 ng/ul

RT: 21.39 min Scan# 3180

Delta R.T. 0.11 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

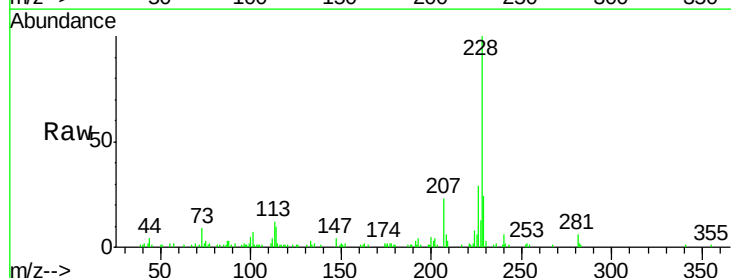
Tgt Ion:252 Resp: 409

Ion Ratio Lower Upper

252 100

254 92.3 52.1 78.1#

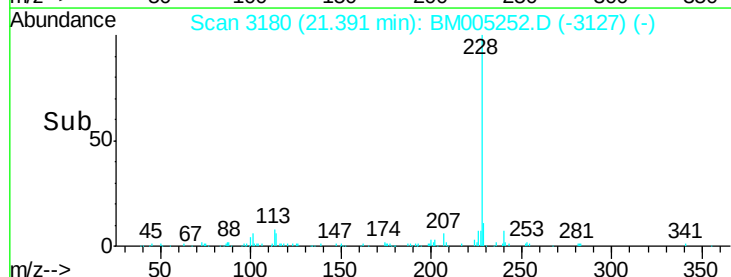
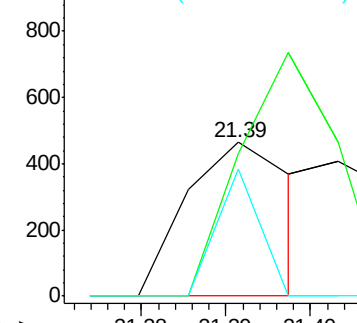
126 82.8 9.8 14.8#

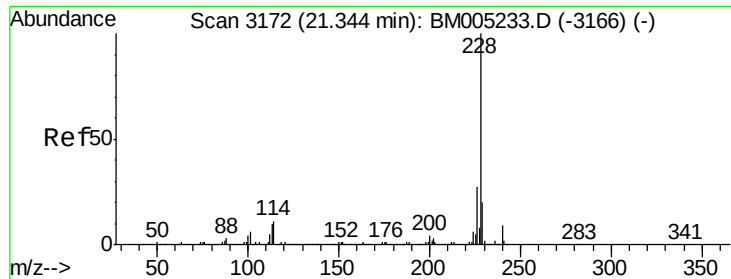


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

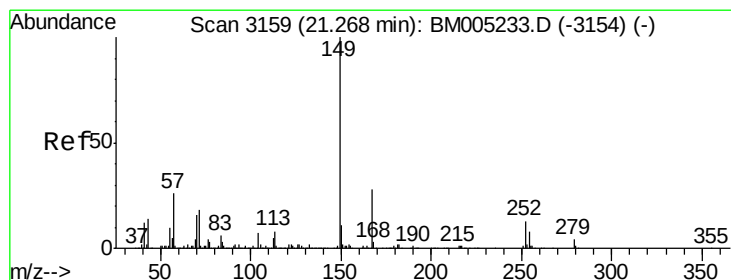
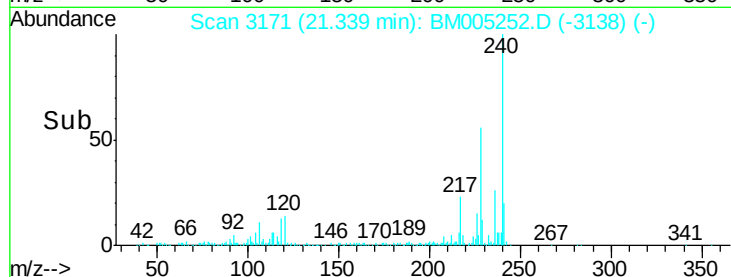
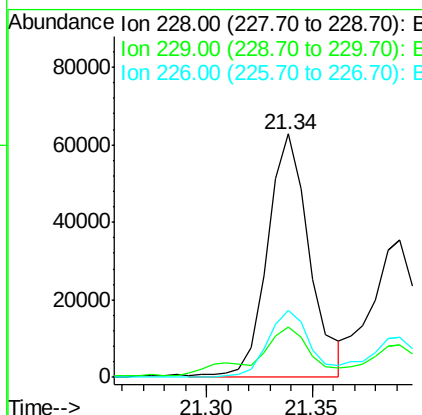
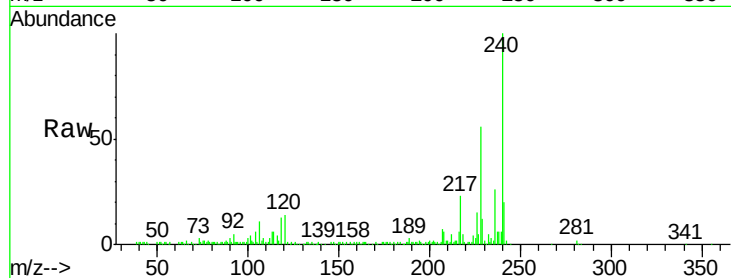




#80
 Benzo(a)anthracene
 Concen: 1.86 ng/ul
 RT: 21.34 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BM005252.D
 Acq: 06 May 2016 01:46

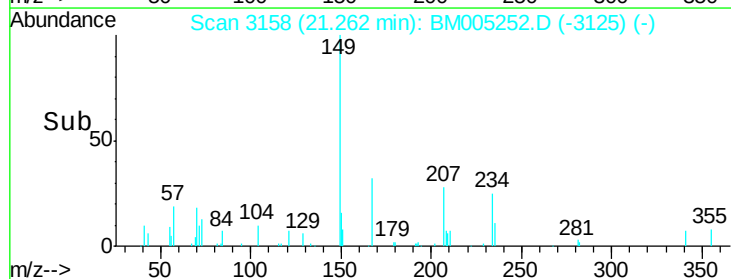
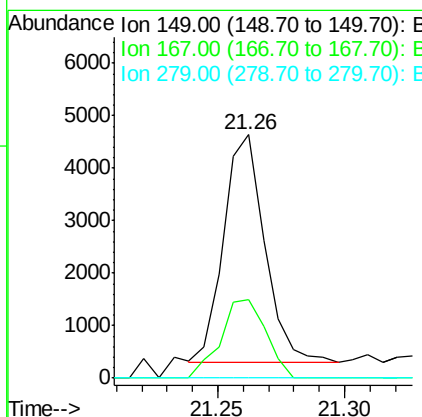
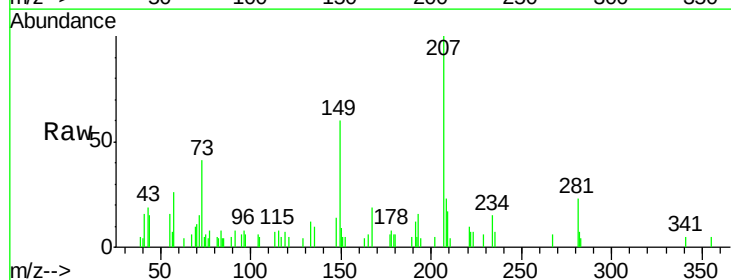
Instrument :
 BNA_M
 ClientSampled :
 BC7S7

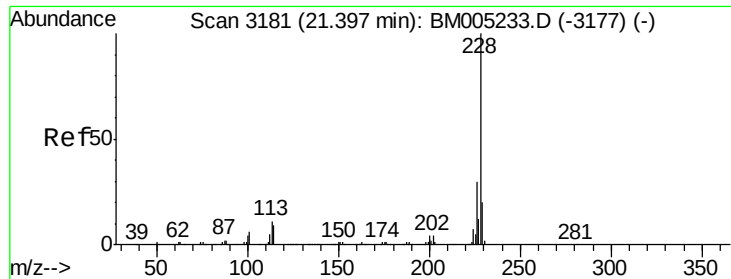
Tgt Ion:228 Resp: 86519
 Ion Ratio Lower Upper
 228 100
 229 20.9 15.5 23.3
 226 27.5 21.8 32.8



#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.18 ng/ul
 RT: 21.26 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BM005252.D
 Acq: 06 May 2016 01:46

Tgt Ion:149 Resp: 4875
 Ion Ratio Lower Upper
 149 100
 167 32.2 21.9 32.9
 279 0.0 3.0 4.4#





#82

Chrysene

Concen: 1.96 ng/ul

RT: 21.34 min Scan# 3171

Delta R.T. -0.06 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampleId :

BC7S7

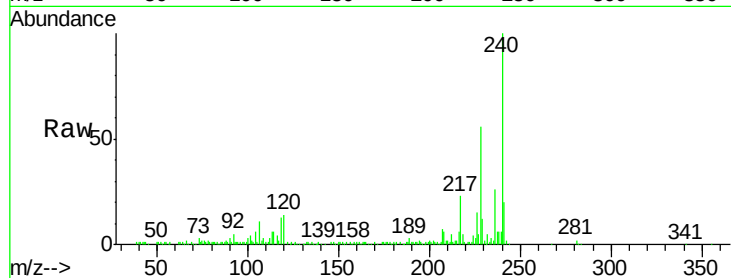
Tgt Ion:228 Resp: 86519

Ion Ratio Lower Upper

228 100

226 27.5 23.6 35.4

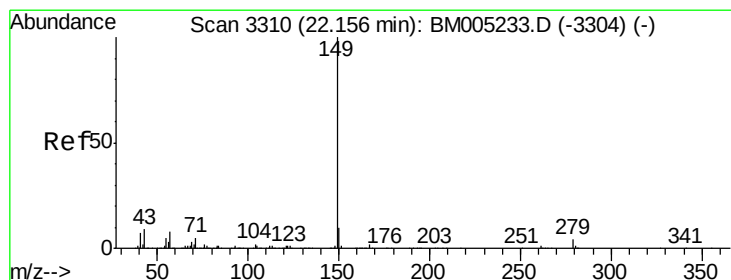
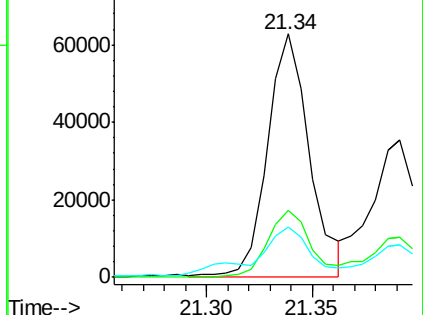
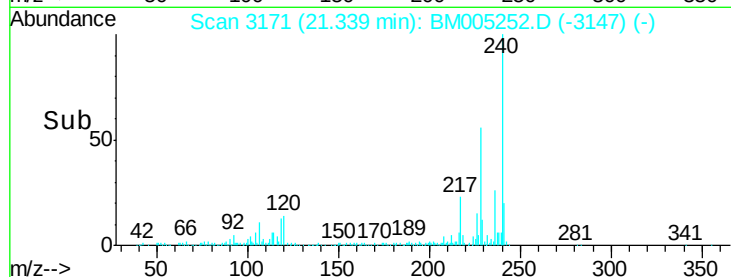
229 20.9 15.4 23.0



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: 0.02 ng/ul

RT: 22.15 min Scan# 3309

Delta R.T. -0.01 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

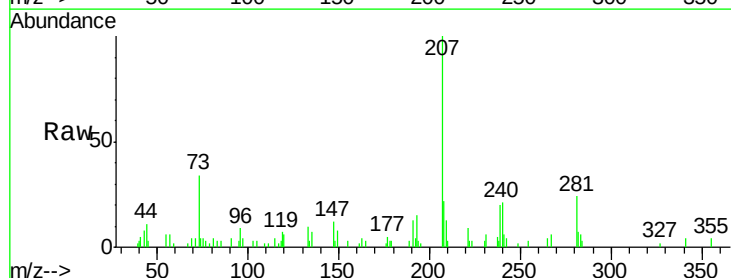
Tgt Ion:149 Resp: 916

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

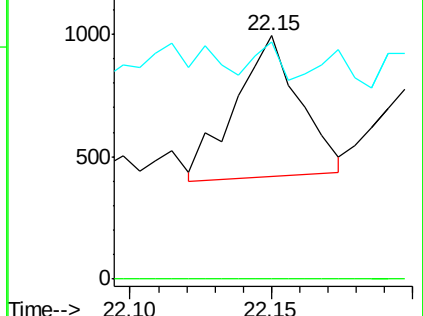
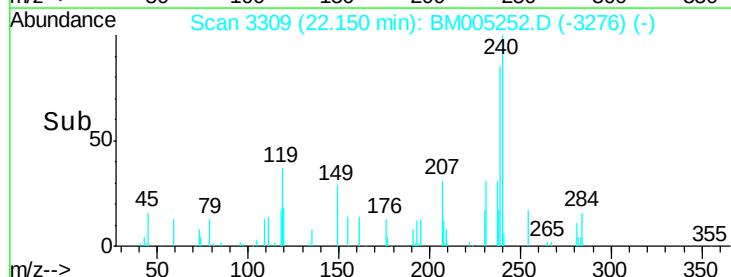
43 97.3 7.4 11.0#

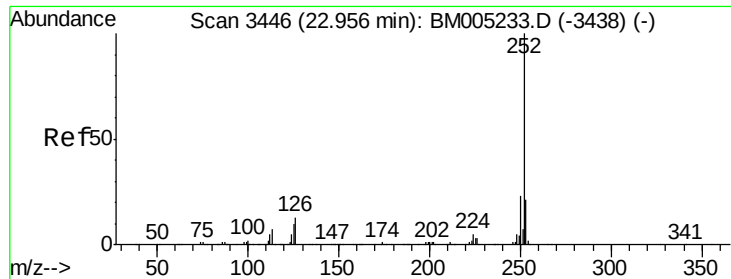


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

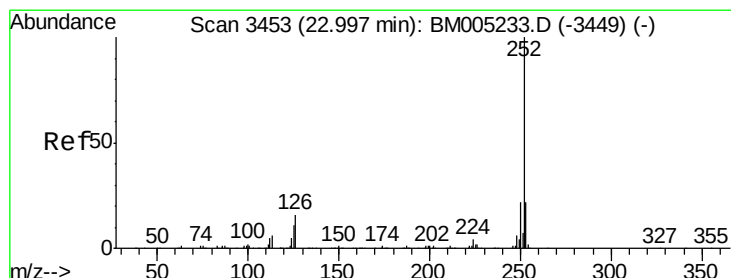
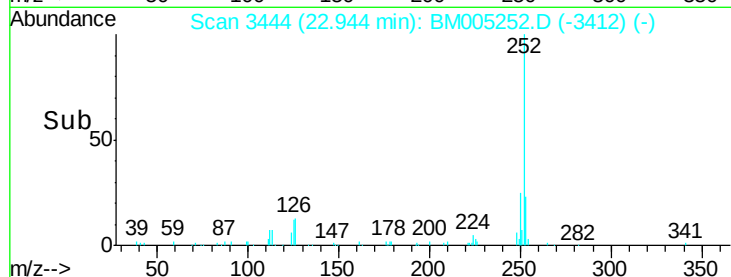
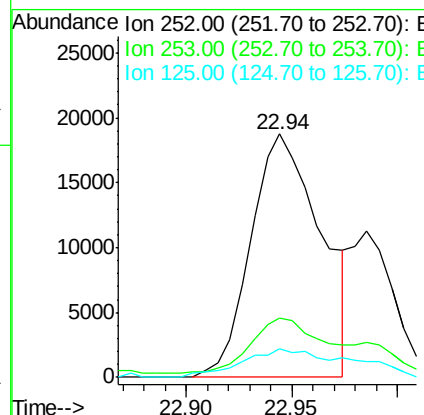
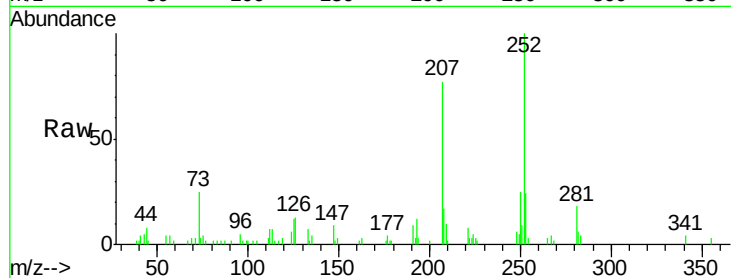




#85
Benzo(b)fluoranthene
Concen: 0.93 ng/ul
RT: 22.94 min Scan# 3444
Delta R.T. -0.01 min
Lab File: BM005252.D
Acq: 06 May 2016 01:46

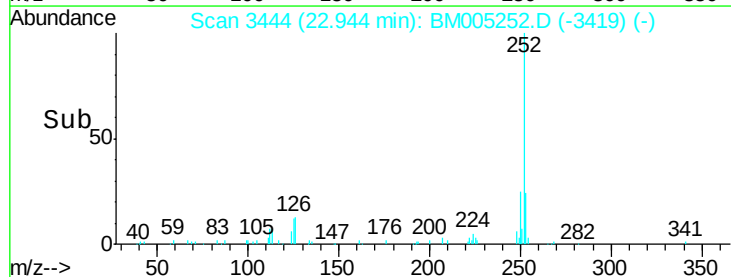
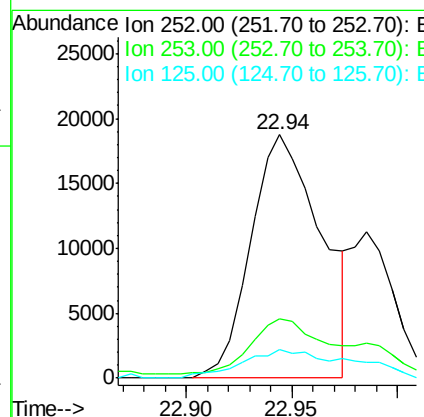
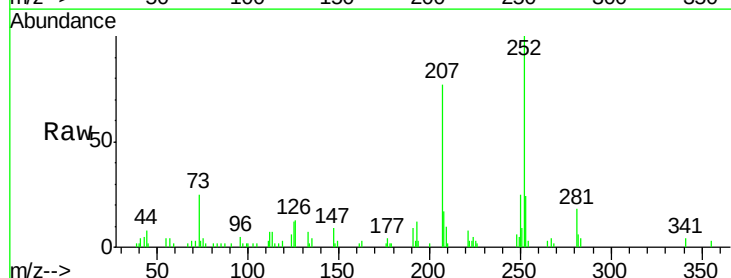
Instrument :
BNA_M
ClientSampleId :
BC7S7

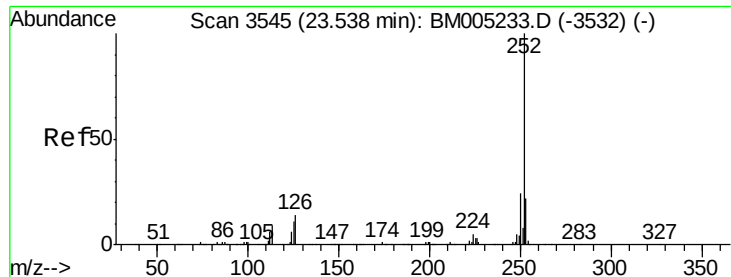
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	11.6	8.4	12.6



#86
Benzo(k)fluoranthene
Concen: 0.98 ng/ul
RT: 22.94 min Scan# 3444
Delta R.T. -0.05 min
Lab File: BM005252.D
Acq: 06 May 2016 01:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.3	25.9
125	11.6	8.0	12.0





#88

Benzo(a)pyrene

Concen: 0.70 ng/ul

RT: 23.53 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

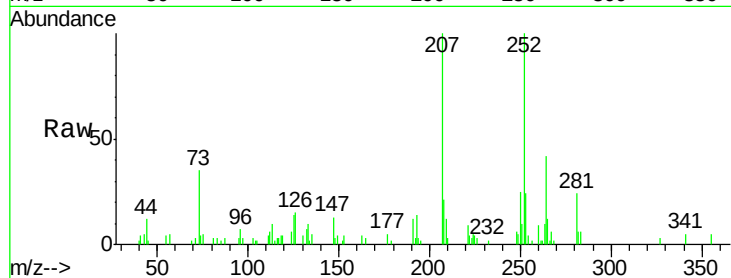
Instrument :

BNA_M

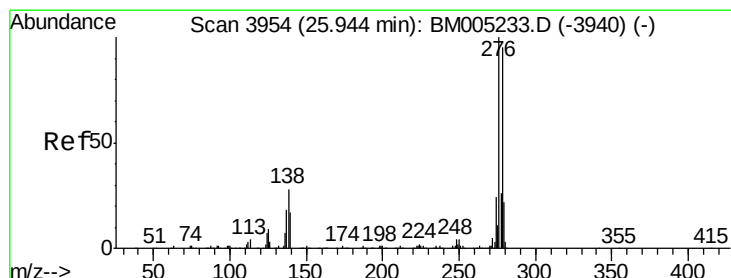
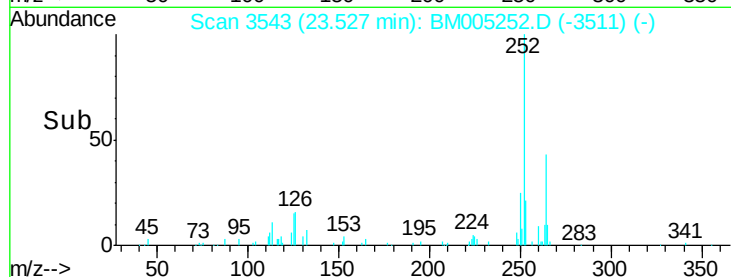
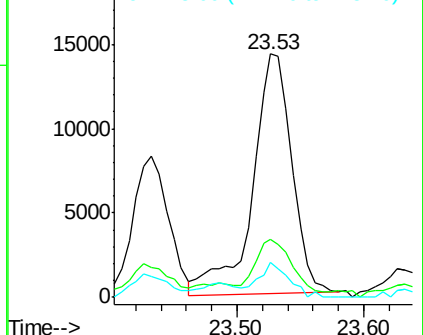
ClientSampleId :

BC7S7

Tgt Ion:	252	Resp:	30952
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	14.4	8.7	13.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 0.23 ng/ul

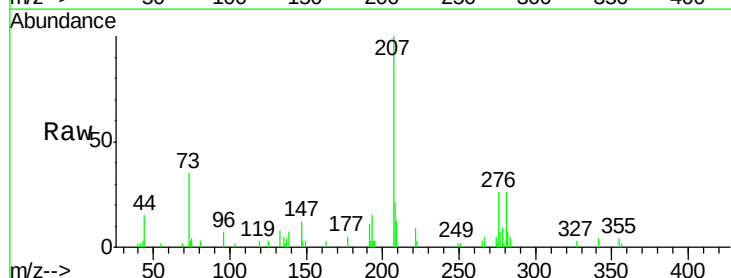
RT: 25.92 min Scan# 3950

Delta R.T. -0.02 min

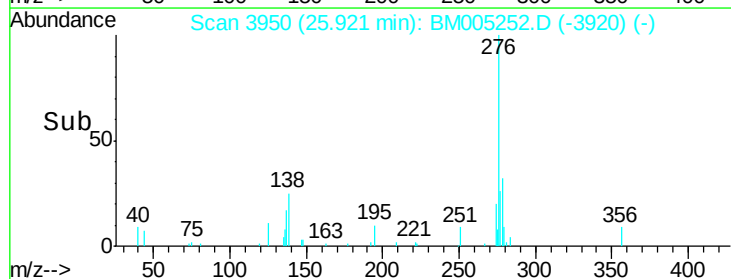
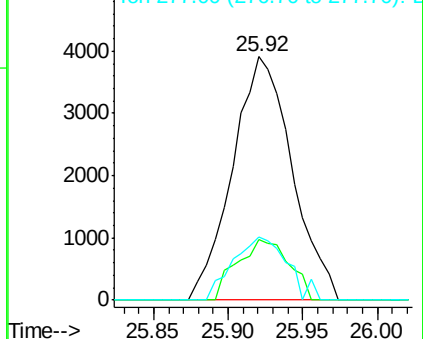
Lab File: BM005252.D

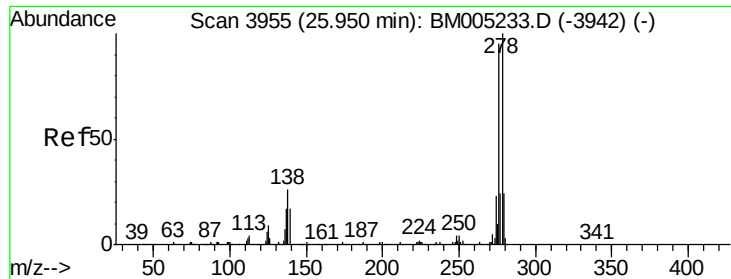
Acq: 06 May 2016 01:46

Tgt Ion:	276	Resp:	10862
Ion	Ratio	Lower	Upper
276	100		
138	24.8	21.0	31.6
277	25.8	19.9	29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.12 ng/ul

RT: 25.93 min Scan# 3952

Delta R.T. -0.02 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Instrument :

BNA_M

ClientSampleId :

BC7S7

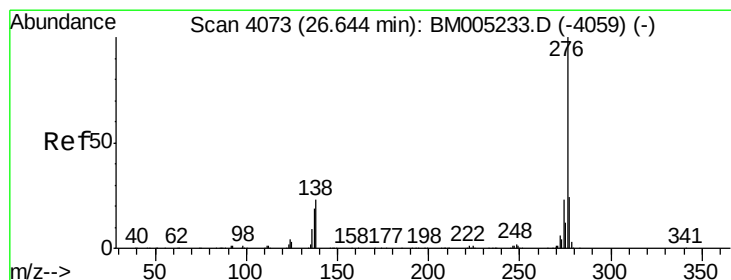
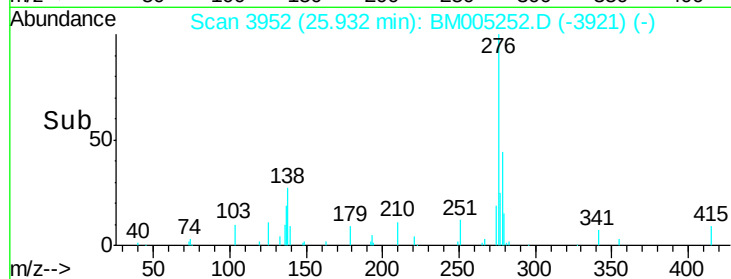
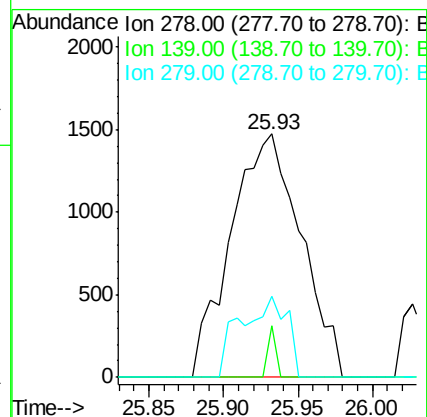
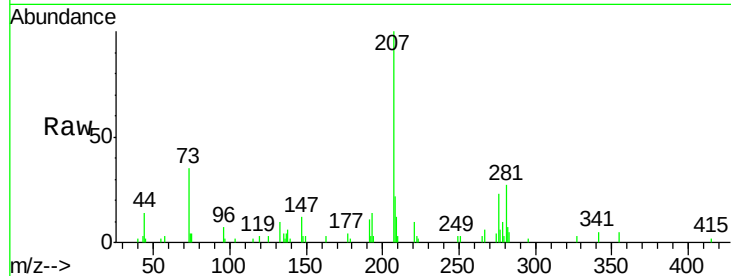
Tgt Ion: 278 Resp: 4822

Ion Ratio Lower Upper

278 100

139 21.4 13.8 20.6#

279 33.1 18.9 28.3#



#91

Benzo(g,h,i)perylene

Concen: 0.21 ng/ul

RT: 26.63 min Scan# 4070

Delta R.T. -0.02 min

Lab File: BM005252.D

Acq: 06 May 2016 01:46

Tgt Ion: 276 Resp: 8415

Ion Ratio Lower Upper

276 100

138 24.3 18.2 27.4

277 27.7 19.4 29.2

