

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005254.D
 Acq On : 06 May 2016 02:58
 Operator : UM/SJ
 Sample : H2813-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7T1

Quant Time: May 06 04:23:57 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	107508	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	509355	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	326970	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	771333	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	883364	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	867141	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	2229	0.97	ng/uL	0.00
5) Phenol-d5	6.95	99	49788	5.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	139913	25.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	149193	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	103800	12.88	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	101237	27.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	115928	28.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	192833	25.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	6823	0.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	698525	26.65	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	836372	27.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	24217	5.06	ng/ul	0.00
57) Fluorene-d10	15.41	176	615349	27.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	118936	27.41	ng/ul	0.00
70) Anthracene-d10	17.26	188	959657	28.15	ng/ul	0.00
76) Pyrene-d10	19.56	212	1093804	26.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1091089	28.43	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.30	88	10975	2.63 ng/uL	98
4) Benzaldehyde	6.93	77	1895	0.40 ng/ul#	1
6) Phenol	6.97	94	414	0.04 ng/ul#	30
8) Bis(2-Chloroethyl)ether	7.20	93	368	0.05 ng/ul#	78
12) 2,2'-oxybis(1-Chloropropan	8.38	45	6153	0.60 ng/ul#	67
14) Acetophenone	8.60	105	554	0.05 ng/ul#	71
15) N-Nitroso-di-n-propylamine	8.48	70	2835	0.45 ng/ul#	1
17) Hexachloroethane	8.87	117	5028	1.77 ng/ul#	8
20) Nitrobenzene	8.95	77	1771	0.19 ng/ul#	7
21) Isophorone	9.65	82	10035	0.57 ng/ul#	71
25) Bis(2-Chloroethoxy)methane	9.98	93	1760	0.16 ng/ul#	88
28) Naphthalene	10.65	128	8711594	339.93 ng/ul	98
30) 4-Chloroaniline	10.65	127	1215965	129.45 ng/ul#	17
34) 2-Methylnaphthalene	12.23	142	1946167	101.53 ng/ul	100
40) 1,1'-Biphenyl	13.24	154	514972	19.88 ng/ul	99
41) 2-Chloronaphthalene	13.24	162	344	0.02 ng/ul#	1
42) 2-Nitroaniline	13.47	65	126	0.02 ng/ul#	4
44) Dimethylphthalate	13.81	163	850	0.03 ng/ul#	1
47) Acenaphthylene	14.13	152	116670	3.59 ng/ul#	95
48) 3-Nitroaniline	14.48	138	1164	0.21 ng/ul#	1
49) Acenaphthene	14.49	153	1124410	52.46 ng/ul	99
52) 4-Nitrophenol	14.48	109	1768	0.44 ng/ul#	1
53) Dibenzofuran	14.82	168	1435055	46.15 ng/ul	97

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

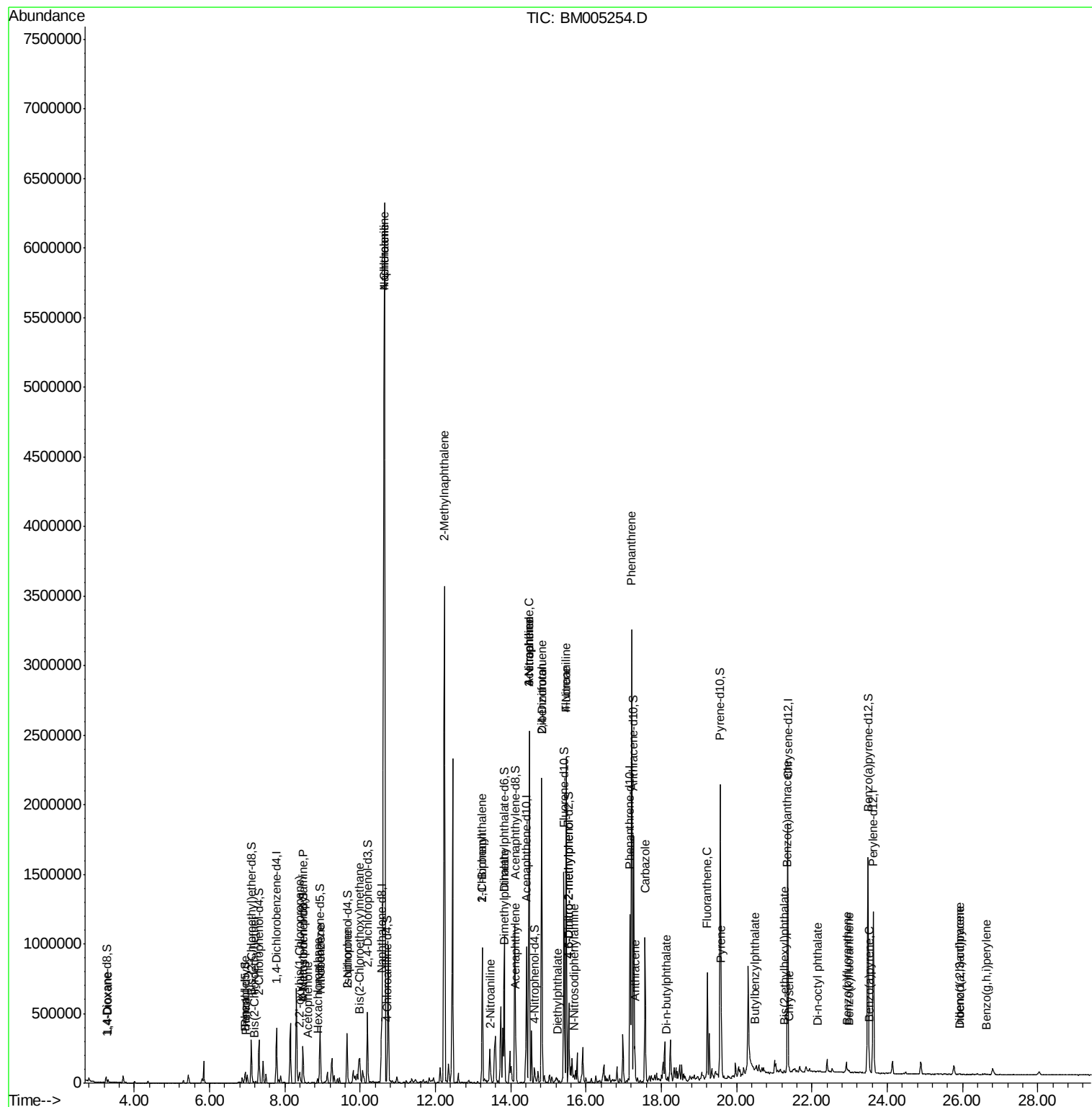
54) 2,4-Dinitrotoluene	14.82	165	1064	0.14	ng/ul#	1
56) Diethylphthalate	15.24	149	1034	0.04	ng/ul#	59
58) Fluorene	15.47	166	1086097	44.67	ng/ul	99
60) 4-Nitroaniline	15.47	138	13046	2.24	ng/ul#	14
63) 4,6-Dinitro-2-methylphenol	15.54	198	267	0.06	ng/ul#	1
64) N-Nitrosodiphenylamine	15.67	169	2650	0.13	ng/ul#	1
69) Phenanthrene	17.21	178	2112611	52.09	ng/ul	99
71) Anthracene	17.30	178	158229	3.91	ng/ul	99
72) Carbazole	17.57	167	667718	18.77	ng/ul	99
73) Di-n-butylphthalate	18.13	149	3542	0.08	ng/ul#	35
74) Fluoranthene	19.22	202	443151	9.86	ng/ul	99
77) Pyrene	19.59	202	271024	5.29	ng/ul	97
78) Butylbenzylphthalate	20.49	149	400	0.02	ng/ul#	34
80) Benzo(a)anthracene	21.34	228	36712	0.72	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.26	149	5548	0.19	ng/ul#	97
82) Chrysene	21.39	228	20431	0.42	ng/ul	96
84) Di-n-octyl phthalate	22.16	149	388	0.01	ng/ul#	1
85) Benzo(b)fluoranthene	22.94	252	18722	0.37	ng/ul	93
86) Benzo(k)fluoranthene	22.99	252	6295	0.13	ng/ul#	81
88) Benzo(a)pyrene	23.53	252	12441	0.26	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	25.92	276	4743	0.09	ng/ul#	91
90) Dibenzo(a,h)anthracene	25.93	278	1797	0.04	ng/ul#	55
91) Benzo(g,h,i)perylene	26.63	276	3493	0.08	ng/ul#	52

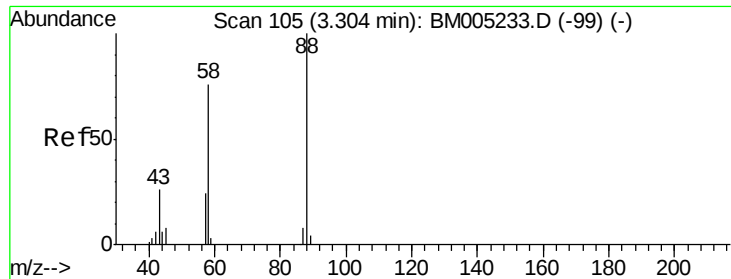
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.63 ng/uL

RT: 3.30 min Scan# 105

Delta R.T. 0.00 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

Instrument :

BNA_M

ClientSampleId :

BC7T1

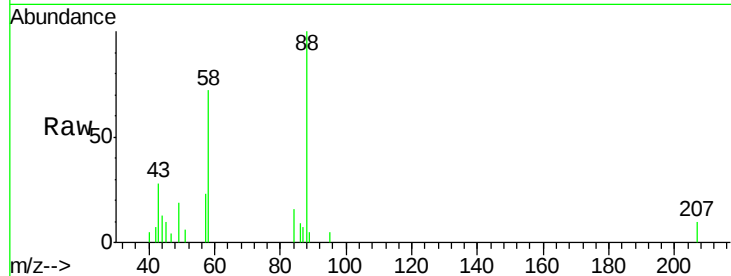
Tgt Ion: 88 Resp: 10975

Ion Ratio Lower Upper

88 100

43 24.8 19.3 28.9

58 70.3 57.9 86.9

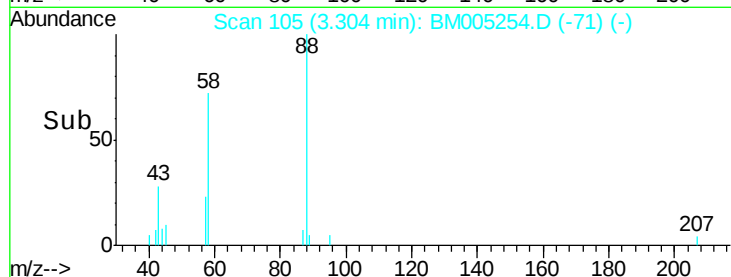


Abundance Ion 88.00 (87.70 to 88.70): BM005233.D (-99) (-)

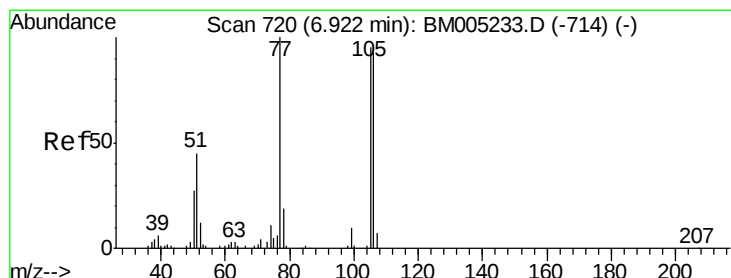
Ion 43.00 (42.70 to 43.70): BM005233.D (-99) (-)

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

Time-->



Time-->



#4

Benzaldehyde

Concen: 0.40 ng/uL

RT: 6.93 min Scan# 721

Delta R.T. 0.01 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

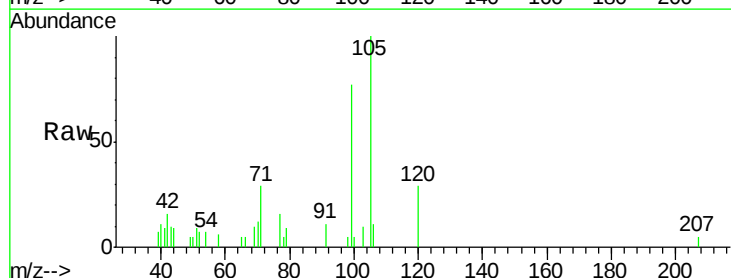
Tgt Ion: 77 Resp: 1895

Ion Ratio Lower Upper

77 100

105 620.7 77.6 116.4#

106 68.5 77.9 116.9#

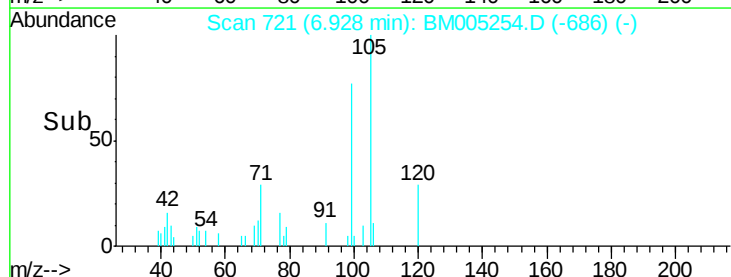


Abundance Ion 77.00 (76.70 to 77.70): BM005233.D (-714) (-)

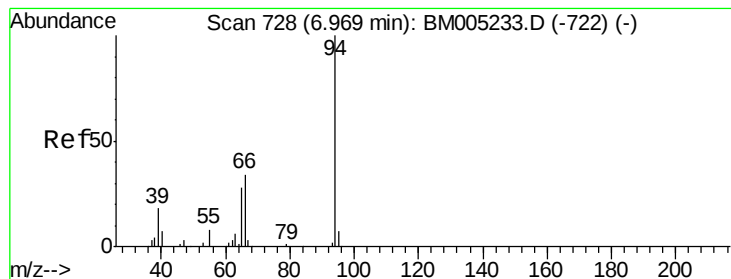
Ion 105.00 (104.70 to 105.70): BM005233.D (-714) (-)

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

Time-->



Time-->



#6

Phenol

Concen: 0.04 ng/ul

RT: 6.97 min Scan# 728

Delta R.T. 0.00 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

Instrument :

BNA_M

ClientSampleId :

BC7T1

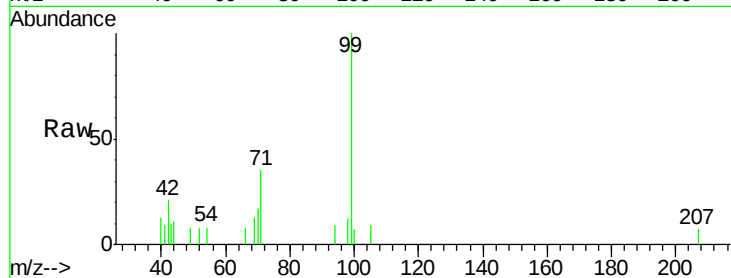
Tgt Ion: 94 Resp: 414

Ion Ratio Lower Upper

94 100

65 0.0 22.7 34.1#

66 89.5 31.7 47.5#

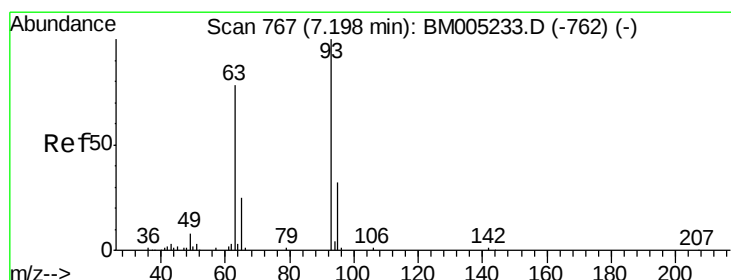
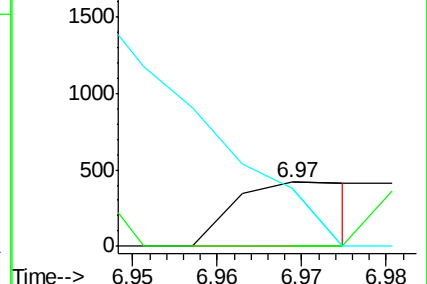
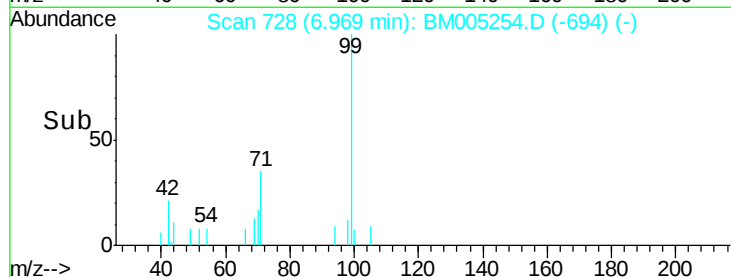


Abundance Ion 94.00 (93.70 to 94.70): BM005233.D (-722) (-)

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

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

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 0.05 ng/ul

RT: 7.20 min Scan# 767

Delta R.T. 0.00 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

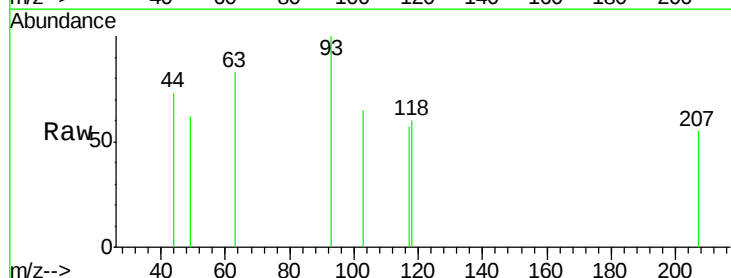
Tgt Ion: 93 Resp: 368

Ion Ratio Lower Upper

93 100

63 83.4 60.6 90.8

95 0.0 24.2 36.4#

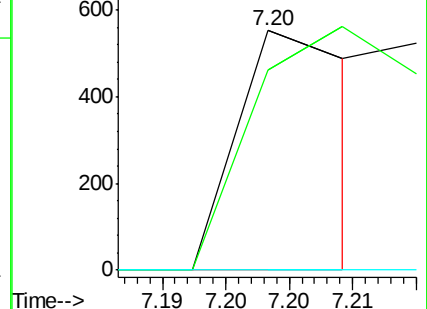
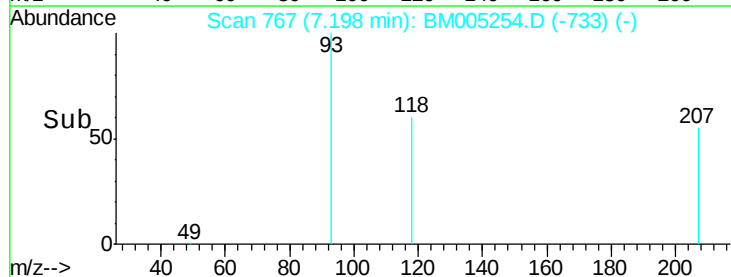


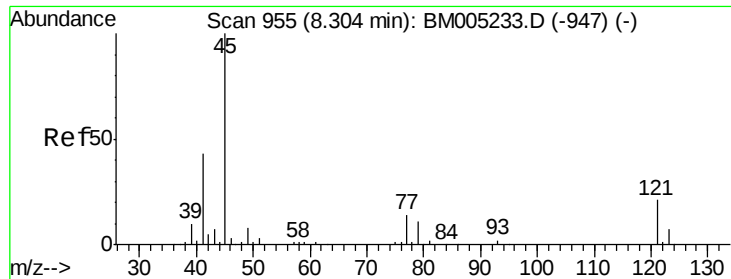
Abundance Ion 93.00 (92.70 to 93.70): BM005233.D (-762) (-)

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

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

Time-->

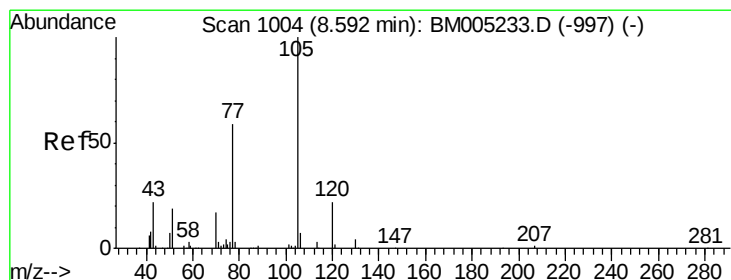
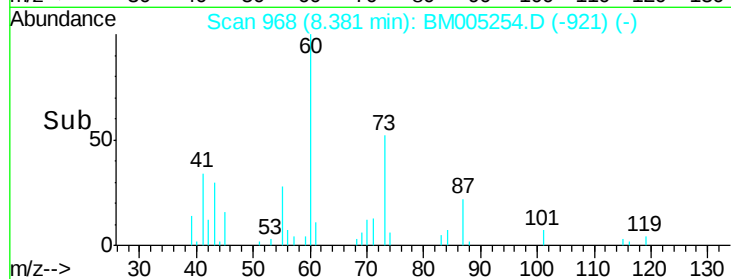
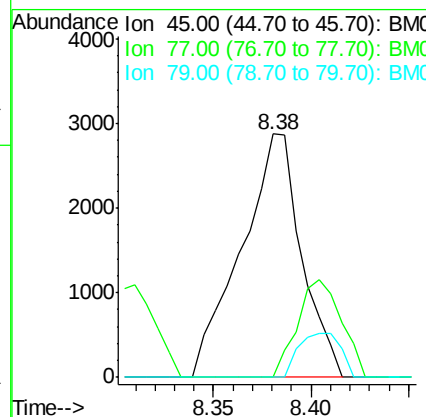
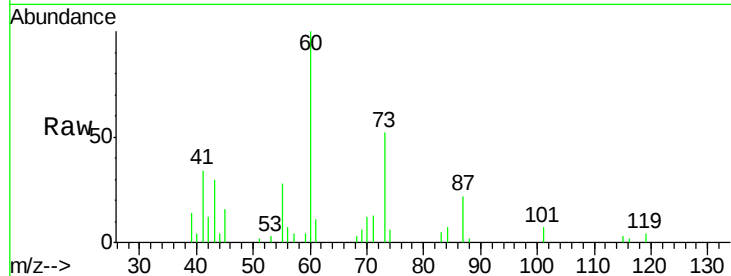




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.60 ng/ul
 RT: 8.38 min Scan# 968
 Delta R.T. 0.08 min
 Lab File: BM005254.D
 Acq: 06 May 2016 02:58

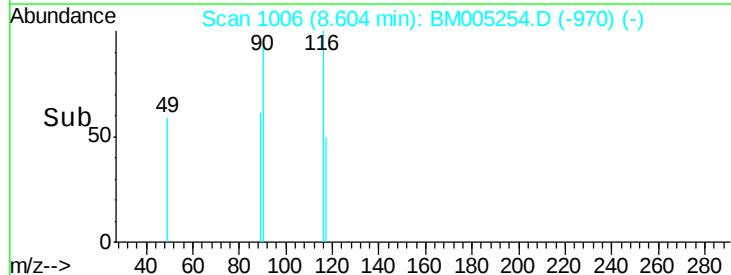
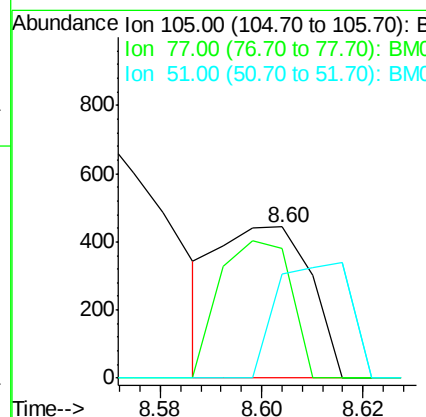
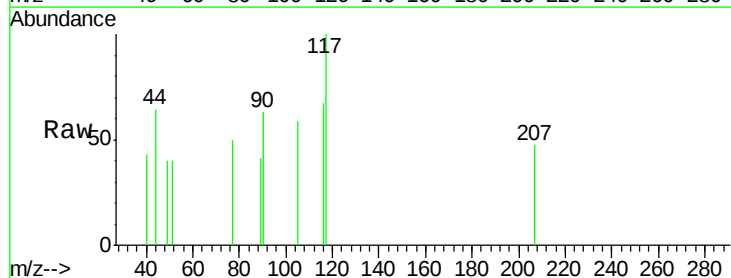
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 ClientSampled :
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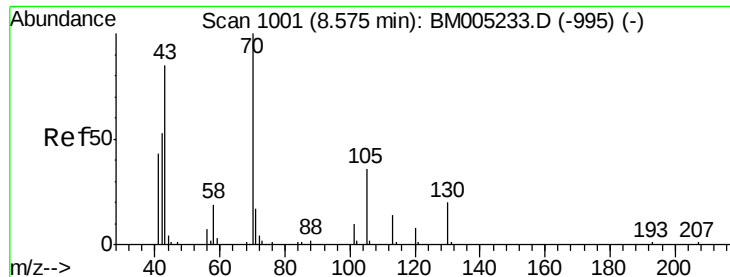
Tgt Ion: 45 Resp: 6153
 Ion Ratio Lower Upper
 45 100
 77 0.0 12.1 18.1#
 79 0.0 9.0 13.4#



#14
 Acetophenone
 Concen: 0.05 ng/ul
 RT: 8.60 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BM005254.D
 Acq: 06 May 2016 02:58

Tgt Ion: 105 Resp: 554
 Ion Ratio Lower Upper
 105 100
 77 85.6 61.2 91.8
 51 69.1 21.2 31.8#

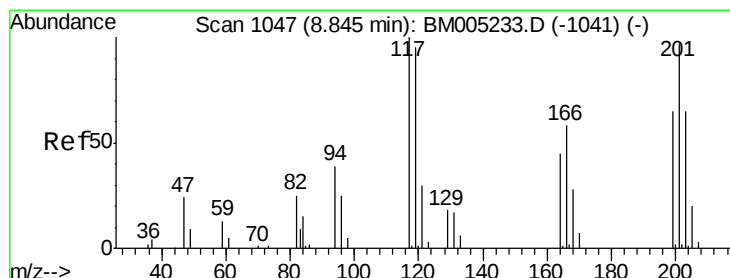
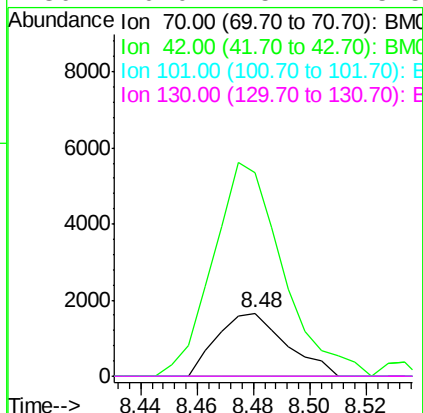
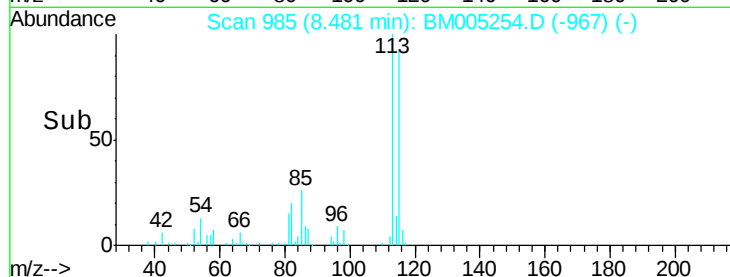
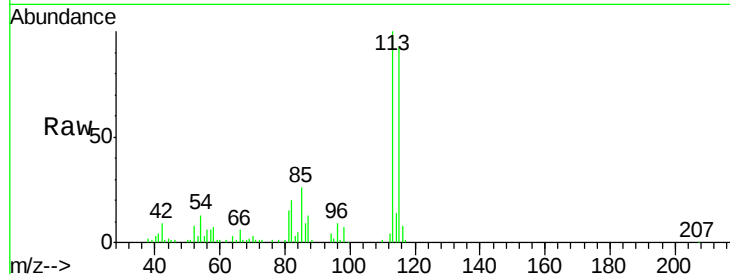




#15
N-Nitroso-di-n-propylamine
Concen: 0.45 ng/ul
RT: 8.48 min Scan# 985
Delta R.T. -0.09 min
Lab File: BM005254.D
Acq: 06 May 2016 02:58

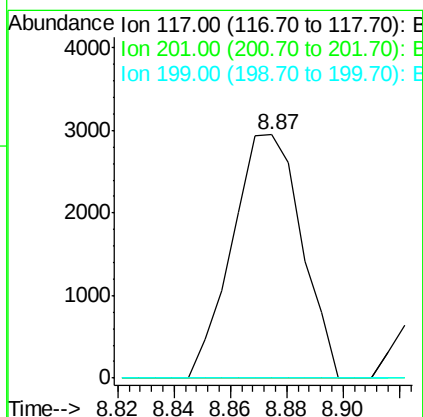
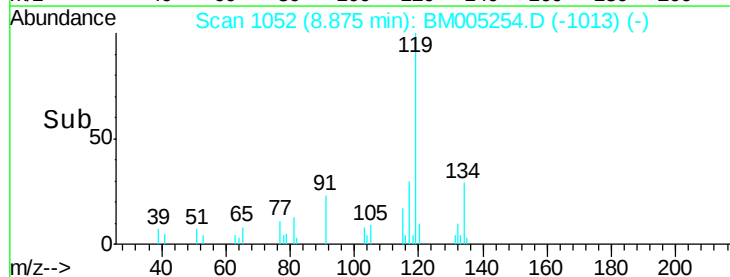
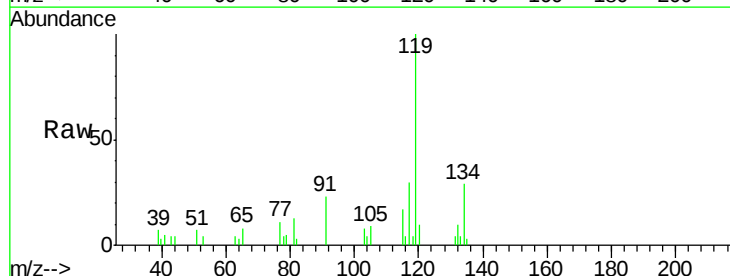
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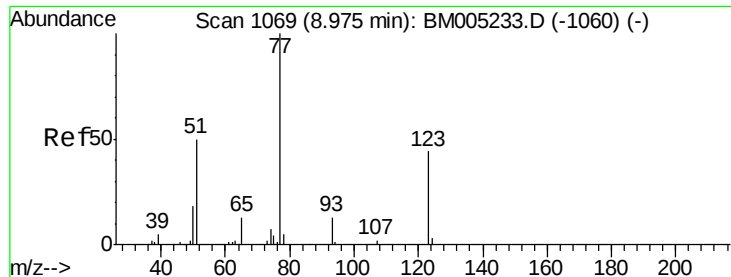
Tgt Ion: 70 Resp: 2835
Ion Ratio Lower Upper
70 100
42 322.1 42.8 64.2#
101 0.0 7.8 11.6#
130 0.0 15.7 23.5#



#17
Hexachloroethane
Concen: 1.77 ng/ul
RT: 8.87 min Scan# 1052
Delta R.T. 0.03 min
Lab File: BM005254.D
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Tgt Ion: 117 Resp: 5028
Ion Ratio Lower Upper
117 100
201 0.0 78.1 117.1#
199 0.0 50.2 75.2#

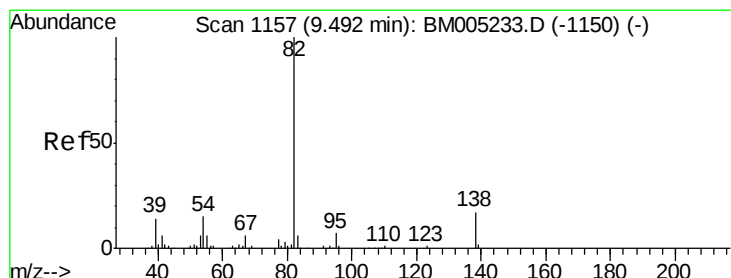
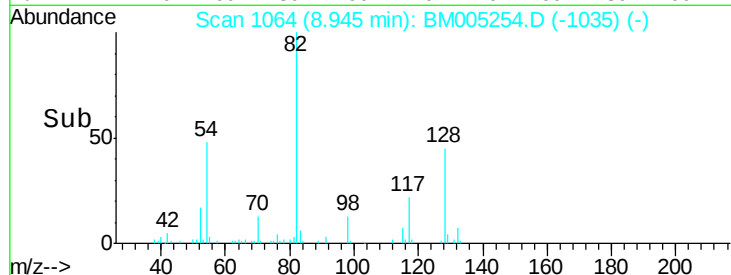
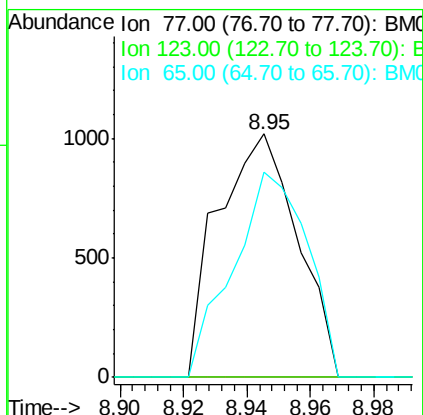
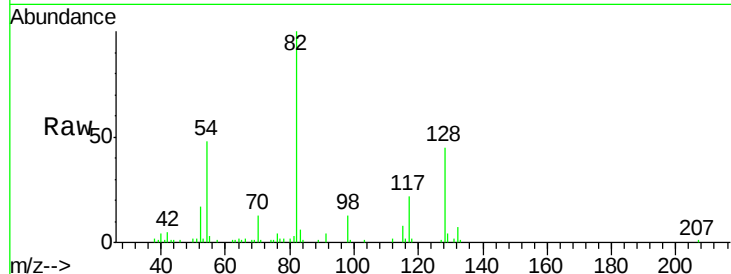




#20
 Nitrobenzene
 Concen: 0.19 ng/ul
 RT: 8.95 min Scan# 1064
 Delta R.T. -0.03 min
 Lab File: BM005254.D
 Acq: 06 May 2016 02:58

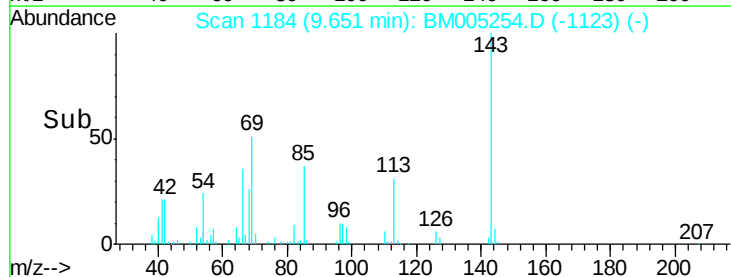
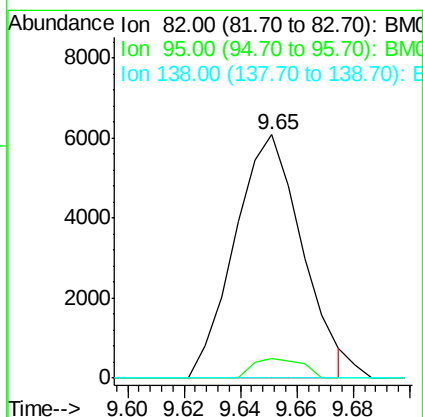
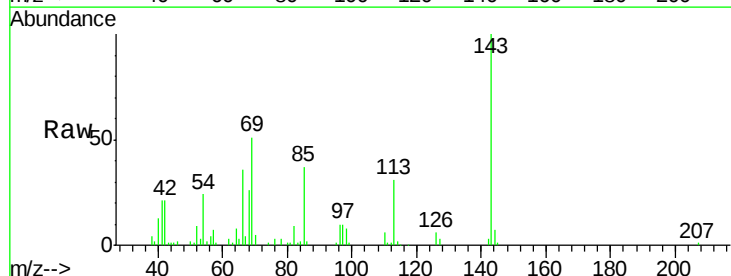
Instrument :
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 ClientSampled :
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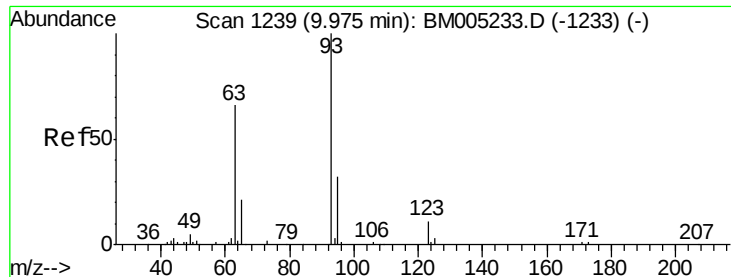
Tgt Ion: 77 Resp: 1771
 Ion Ratio Lower Upper
 77 100
 123 0.0 34.1 51.1#
 65 84.4 11.0 16.4#



#21
 Isophorone
 Concen: 0.57 ng/ul
 RT: 9.65 min Scan# 1184
 Delta R.T. 0.16 min
 Lab File: BM005254.D
 Acq: 06 May 2016 02:58

Tgt Ion: 82 Resp: 10035
 Ion Ratio Lower Upper
 82 100
 95 8.0 5.4 8.0
 138 0.0 13.4 20.2#





#25

Bis(2-Chloroethoxy)methane

Concen: 0.16 ng/ul

RT: 9.98 min Scan# 1240

Delta R.T. 0.01 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

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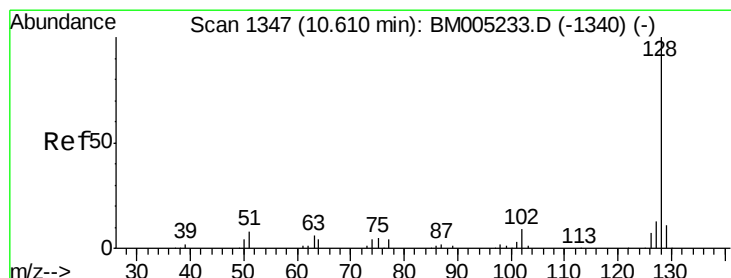
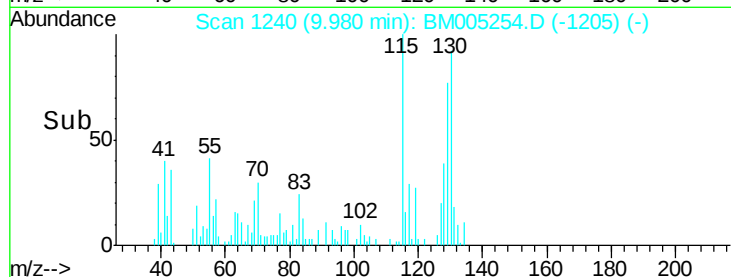
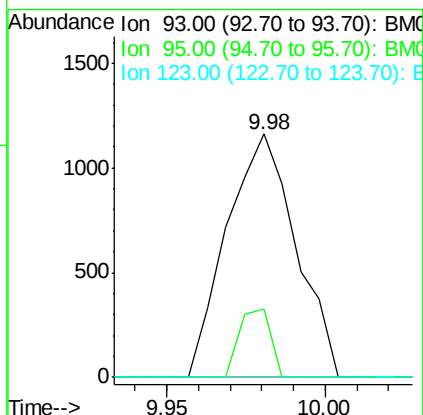
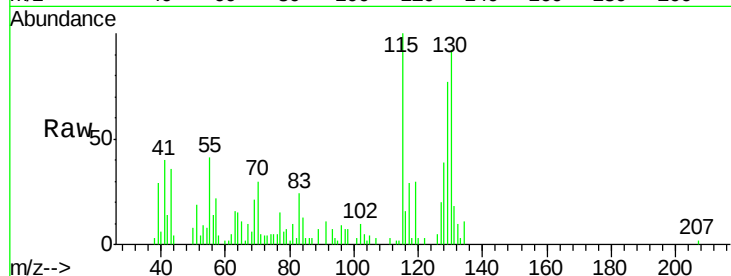
Tgt Ion: 93 Resp: 1760

Ion Ratio Lower Upper

93 100

95 28.2 25.2 37.8

123 0.0 9.0 13.6#



#28

Naphthalene

Concen: 339.93 ng/ul

RT: 10.65 min Scan# 1353

Delta R.T. 0.04 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

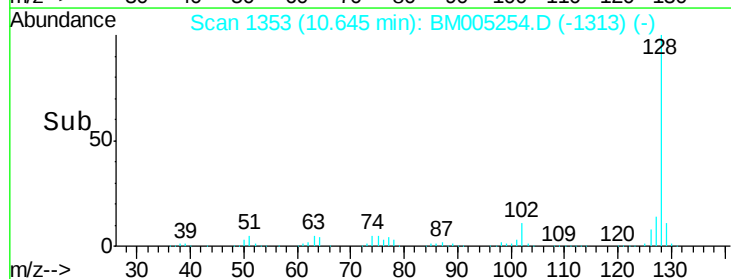
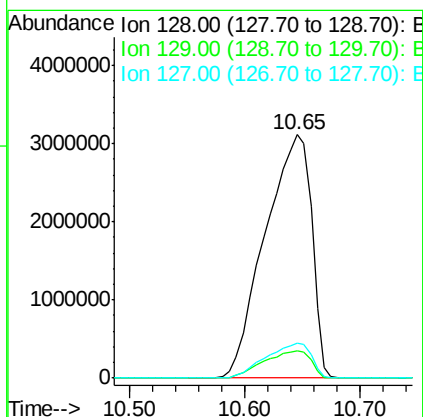
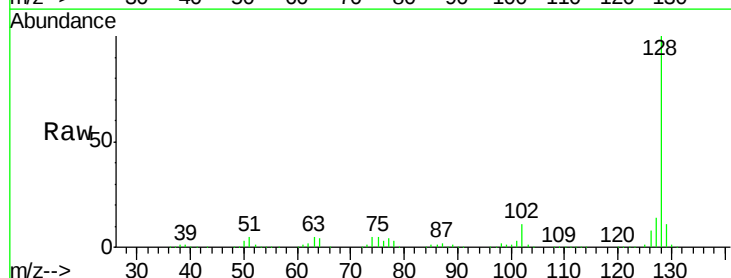
Tgt Ion: 128 Resp: 8711594

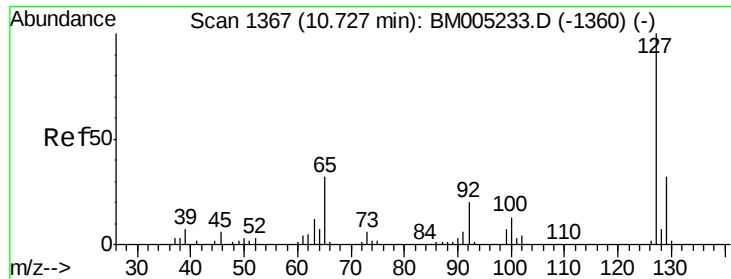
Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

127 14.3 10.8 16.2

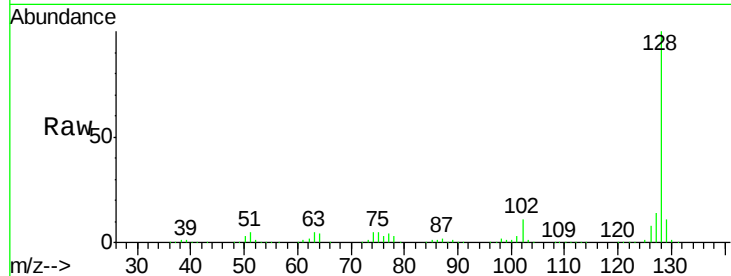




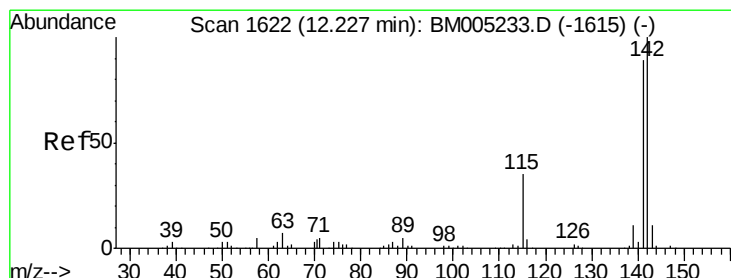
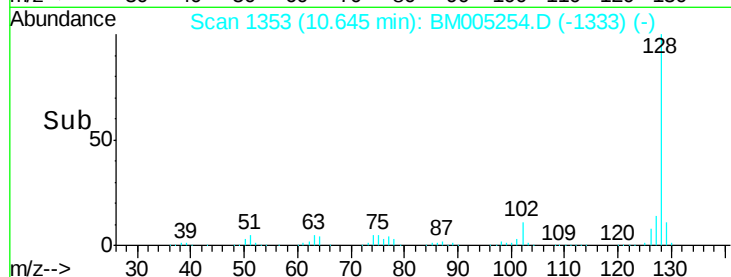
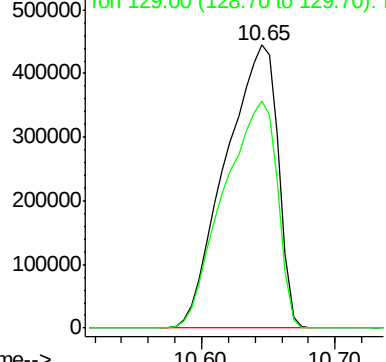
#30
4-Chloroaniline
Concen: 129.45 ng/ul
RT: 10.65 min Scan# 1353
Delta R.T. -0.08 min
Lab File: BM005254.D
Acq: 06 May 2016 02:58

Instrument :
BNA_M
ClientSampleId :
BC7T1

Tgt Ion:127 Resp: 1215965
Ion Ratio Lower Upper
127 100
129 80.2 26.5 39.7#

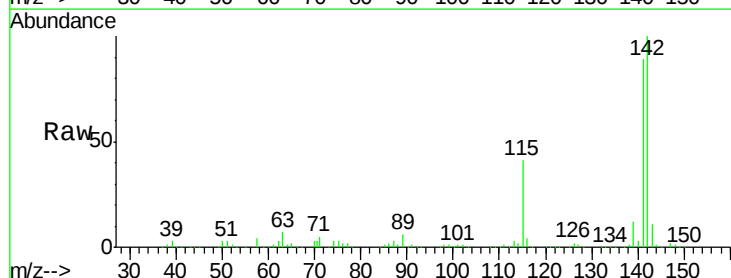


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

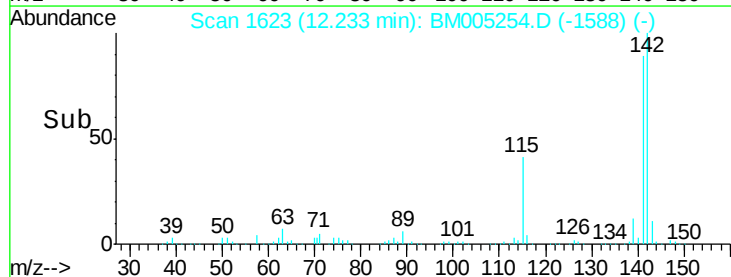
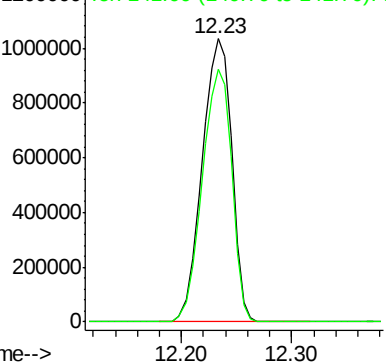


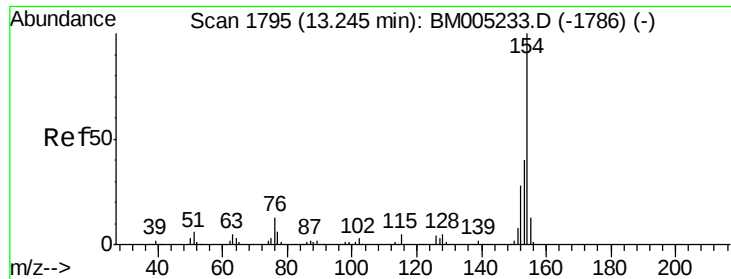
#34
2-Methylnaphthalene
Concen: 101.53 ng/ul
RT: 12.23 min Scan# 1623
Delta R.T. 0.01 min
Lab File: BM005254.D
Acq: 06 May 2016 02:58

Tgt Ion:142 Resp: 1946167
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9



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

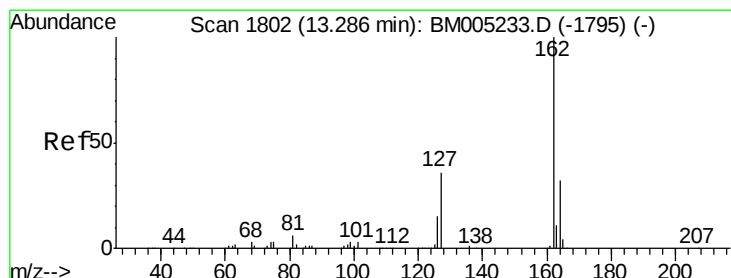
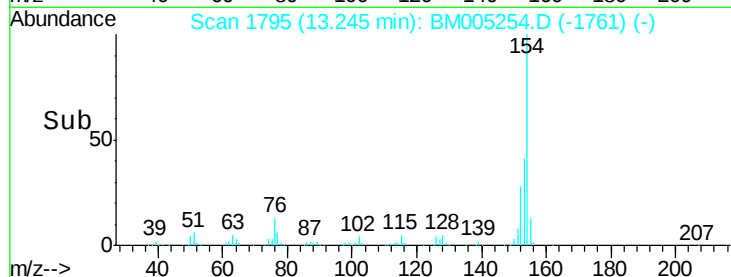
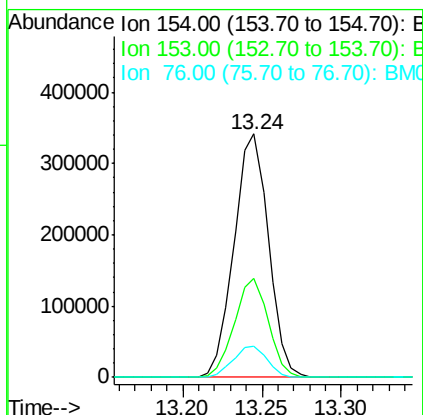
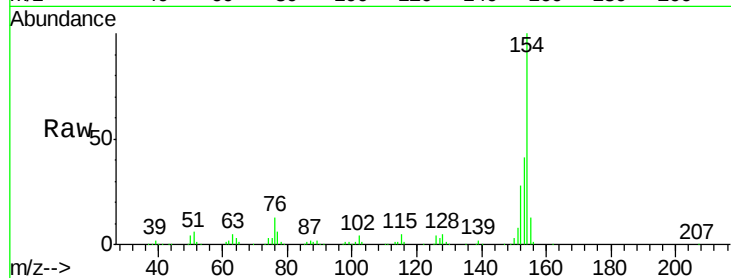




#40
 1,1'-Biphenyl
 Concen: 19.88 ng/ul
 RT: 13.24 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BM005254.D
 Acq: 06 May 2016 02:58

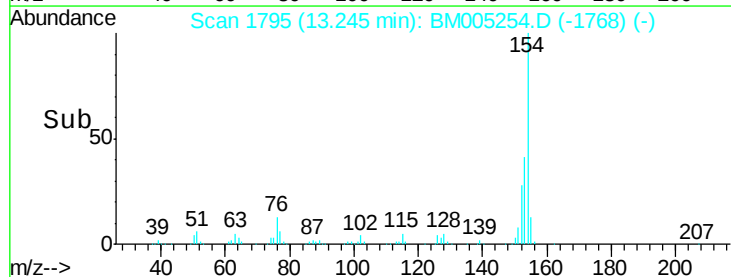
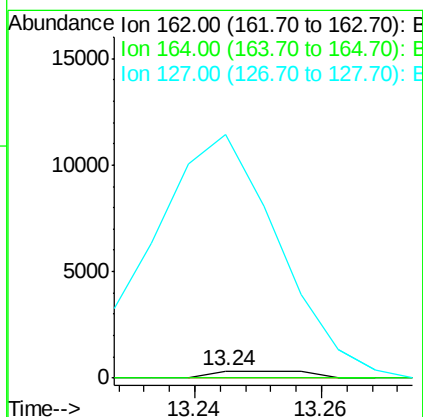
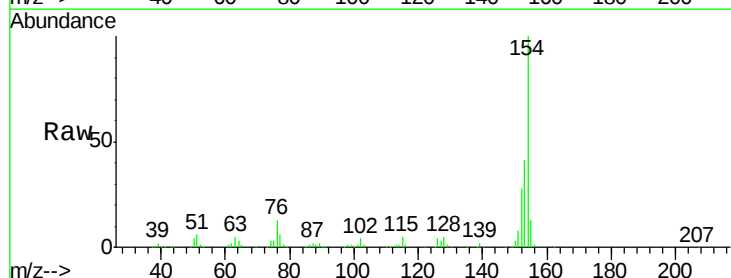
Instrument :
 BNA_M
 ClientSampleId :
 BC7T1

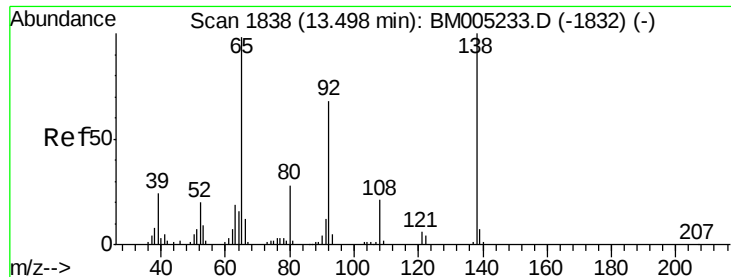
Tgt Ion:154 Resp: 514972
 Ion Ratio Lower Upper
 154 100
 153 40.9 32.1 48.1
 76 12.7 10.6 15.8



#41
 2-Chloronaphthalene
 Concen: 0.02 ng/ul
 RT: 13.24 min Scan# 1795
 Delta R.T. -0.04 min
 Lab File: BM005254.D
 Acq: 06 May 2016 02:58

Tgt Ion:162 Resp: 344
 Ion Ratio Lower Upper
 162 100
 164 0.0 25.5 38.3#
 127 3401.8 31.9 47.9#





#42

2-Nitroaniline

Concen: 0.02 ng/ul

RT: 13.47 min Scan# 1833

Delta R.T. -0.03 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

Instrument :

BNA_M

ClientSampleId :

BC7T1

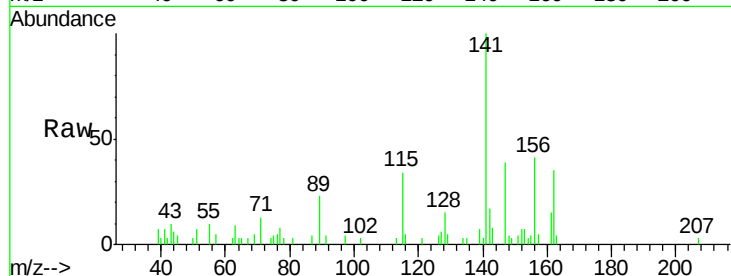
Tgt Ion: 65 Resp: 126

Ion Ratio Lower Upper

65 100

92 0.0 60.1 90.1#

138 0.0 84.0 126.0#

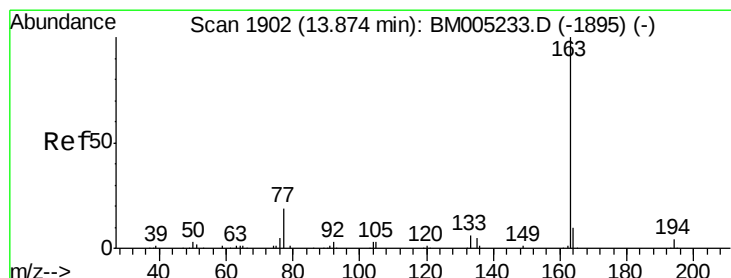
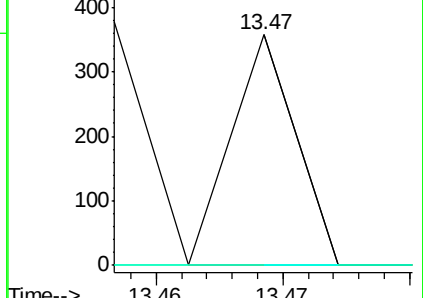
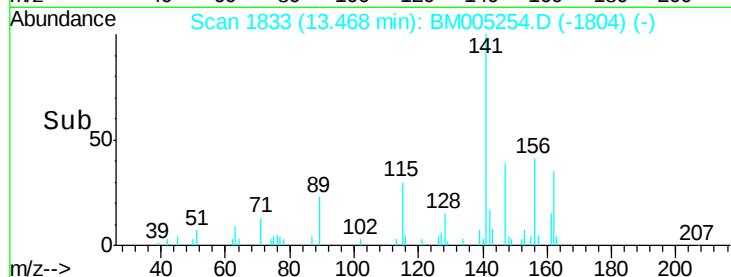


Abundance Ion 65.00 (64.70 to 65.70): BM005233.D (-1832) (-)

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

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

Time-->



#44

Dimethylphthalate

Concen: 0.03 ng/ul

RT: 13.81 min Scan# 1891

Delta R.T. -0.06 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

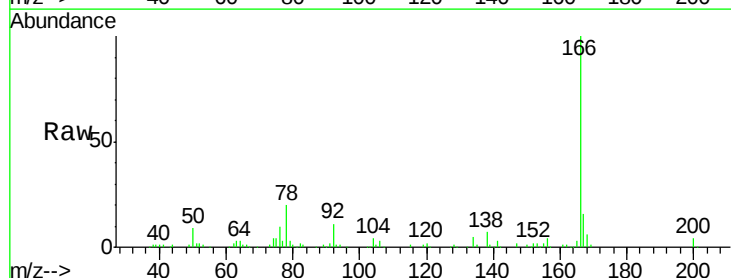
Tgt Ion: 163 Resp: 850

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

164 104.8 7.9 11.9#

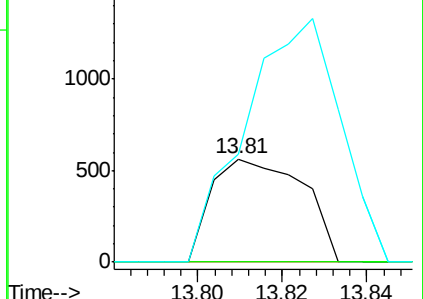
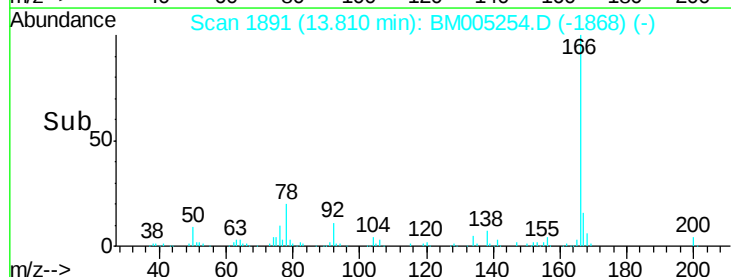


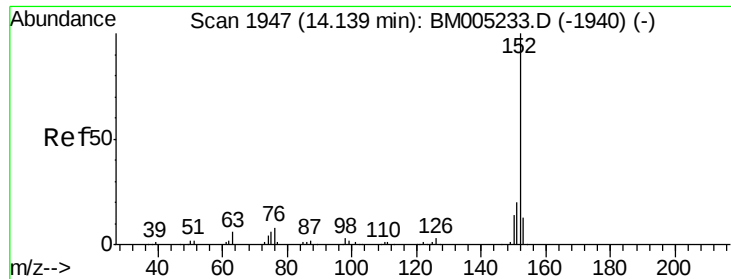
Abundance Ion 163.00 (162.70 to 163.70): BM005233.D (-1895) (-)

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

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

Time-->





#47

Acenaphthylene

Concen: 3.59 ng/ul

RT: 14.13 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

Instrument :

BNA_M

ClientSampleId :

BC7T1

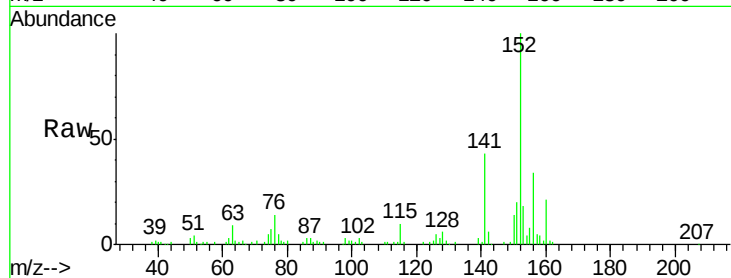
Tgt Ion:152 Resp: 116670

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

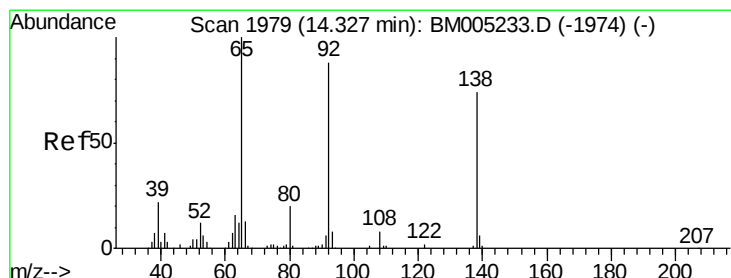
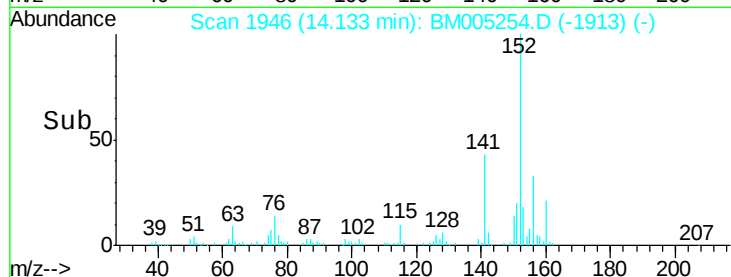
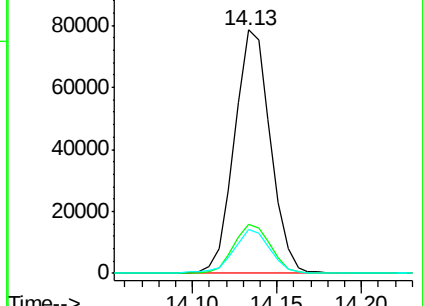
153 18.1 10.3 15.5#



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: 0.21 ng/ul

RT: 14.48 min Scan# 2005

Delta R.T. 0.15 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

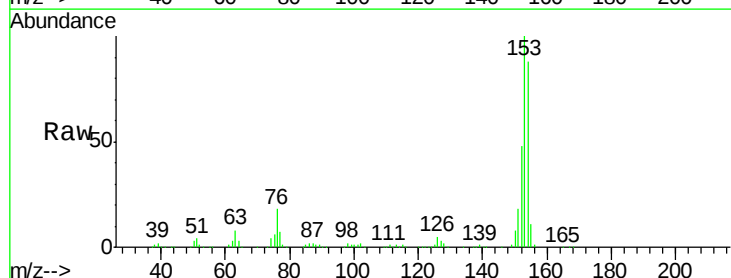
Tgt Ion:138 Resp: 1164

Ion Ratio Lower Upper

138 100

108 0.0 8.6 13.0#

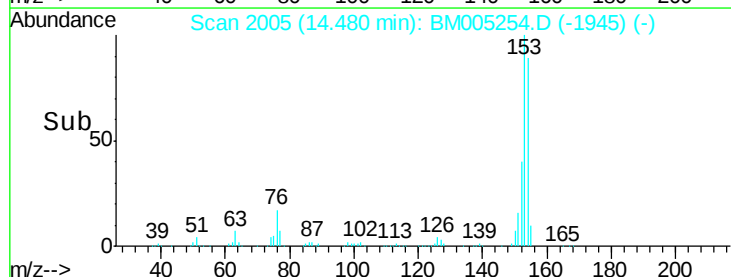
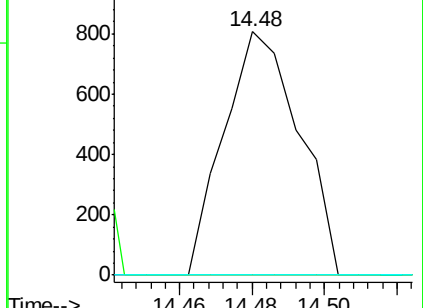
92 0.0 93.5 140.3#

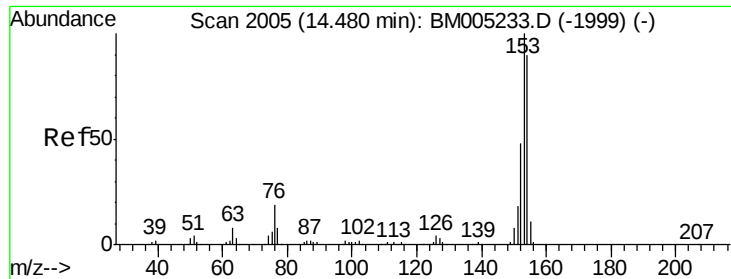


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 52.46 ng/ul

RT: 14.49 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

Instrument :

BNA_M

ClientSampleId :

BC7T1

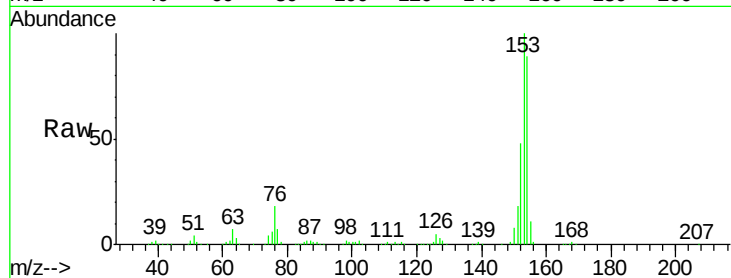
Tgt Ion:153 Resp: 1124410

Ion Ratio Lower Upper

153 100

152 47.9 38.9 58.3

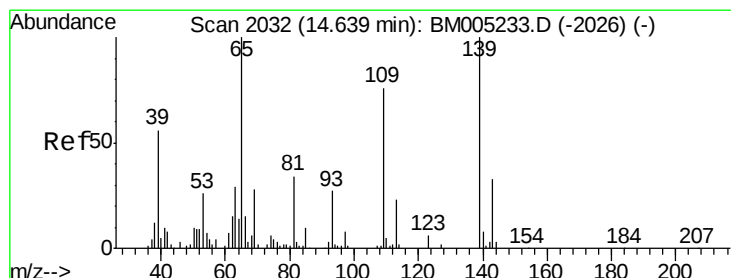
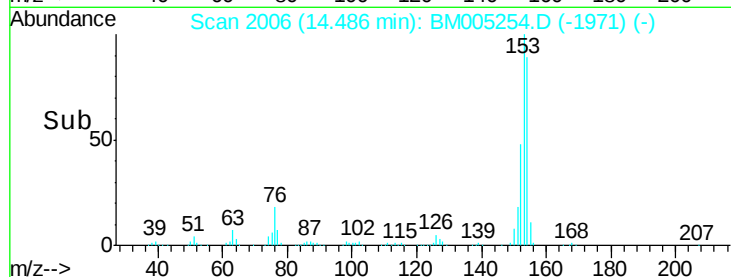
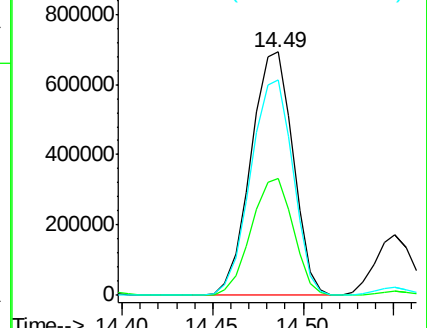
154 88.6 70.3 105.5



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: 0.44 ng/ul

RT: 14.48 min Scan# 2005

Delta R.T. -0.16 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

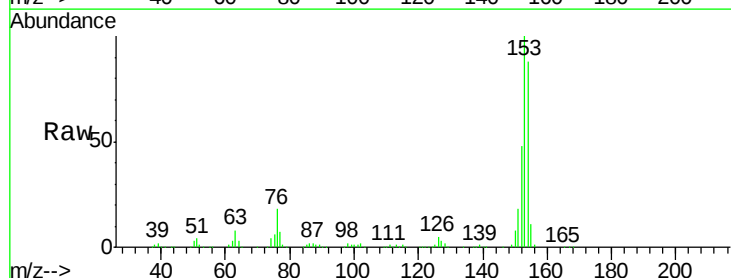
Tgt Ion:109 Resp: 1768

Ion Ratio Lower Upper

109 100

139 410.0 103.6 155.4#

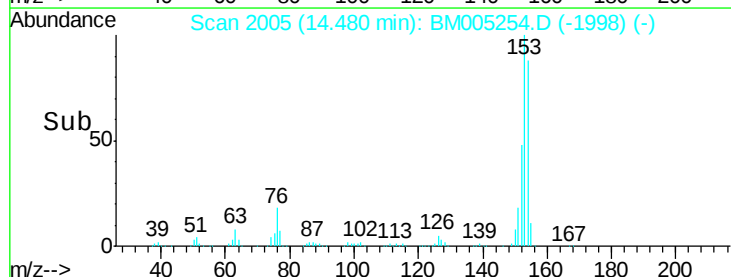
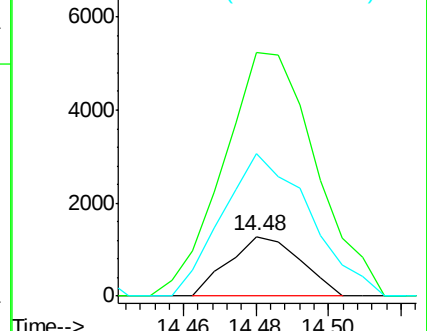
65 239.2 104.7 157.1#

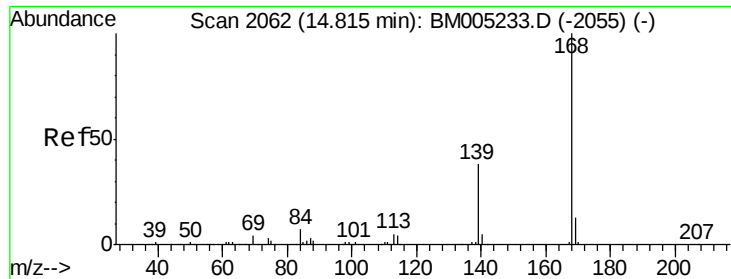


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#53

Dibenzenofuran

Concen: 46.15 ng/ul

RT: 14.82 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

Instrument :

BNA_M

ClientSampleId :

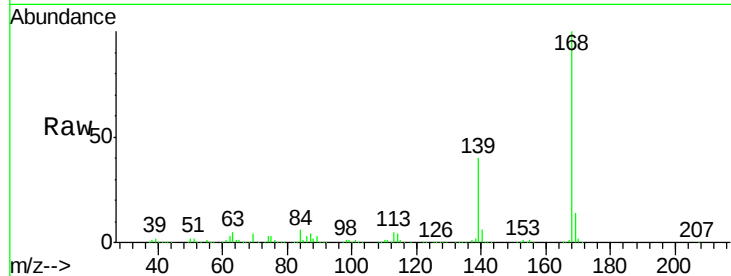
BC7T1

Tgt Ion:168 Resp: 1435055

Ion Ratio Lower Upper

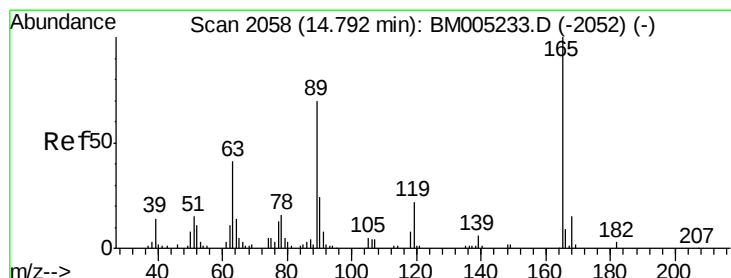
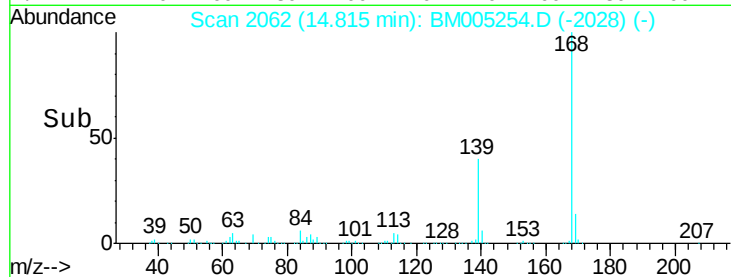
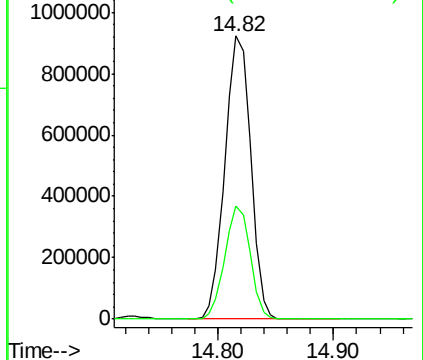
168 100

139 40.0 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 0.14 ng/ul

RT: 14.82 min Scan# 2062

Delta R.T. 0.02 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

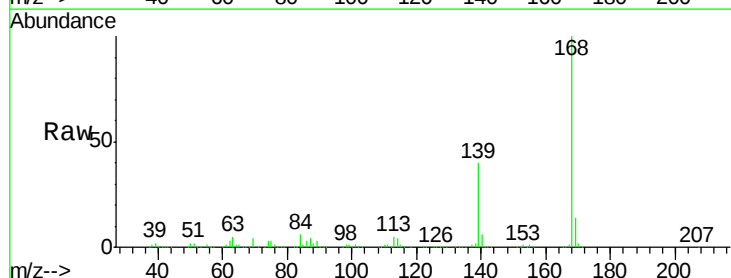
Tgt Ion:165 Resp: 1064

Ion Ratio Lower Upper

165 100

63 5932.2 36.2 54.4#

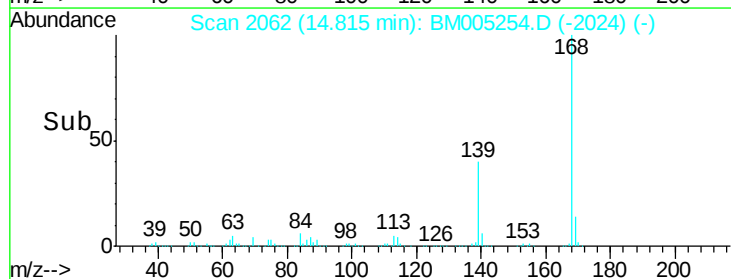
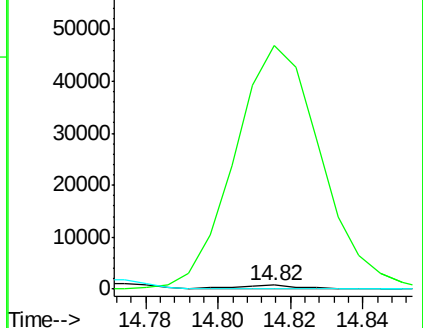
182 0.0 2.5 3.7#

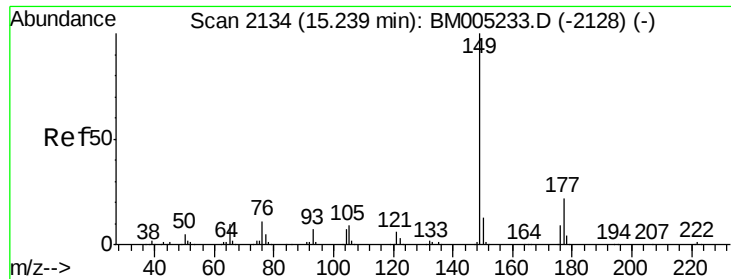


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

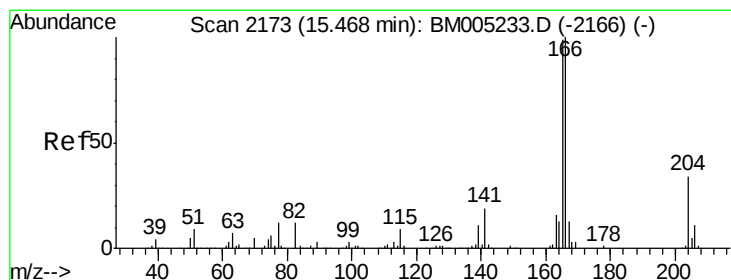
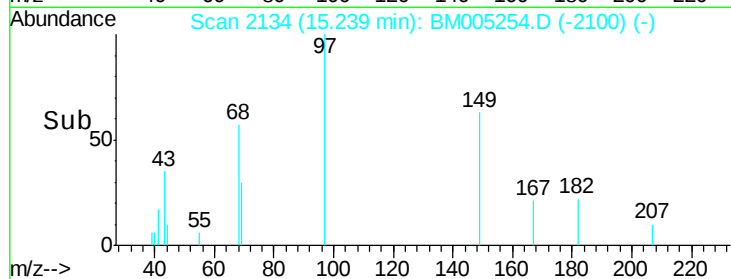
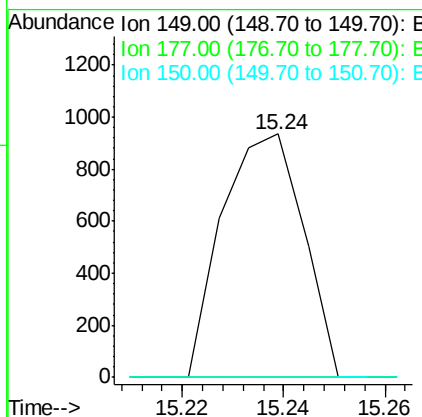
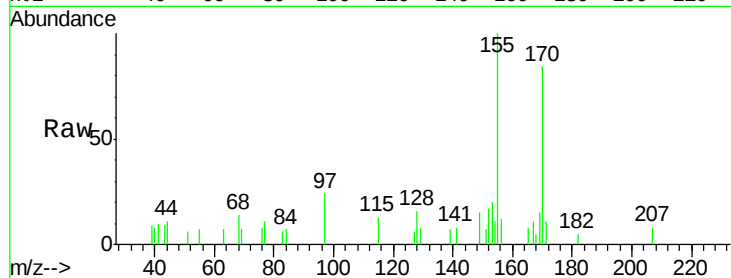




#56
Diethylphthalate
Concen: 0.04 ng/ul
RT: 15.24 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BM005254.D
Acq: 06 May 2016 02:58

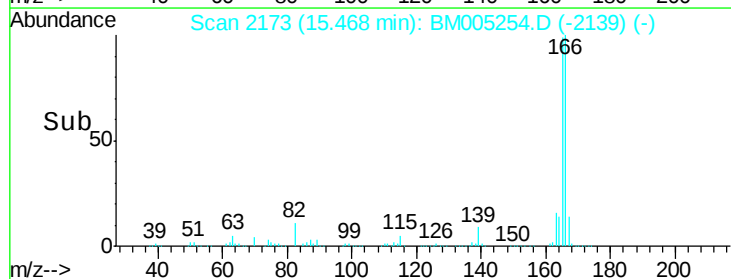
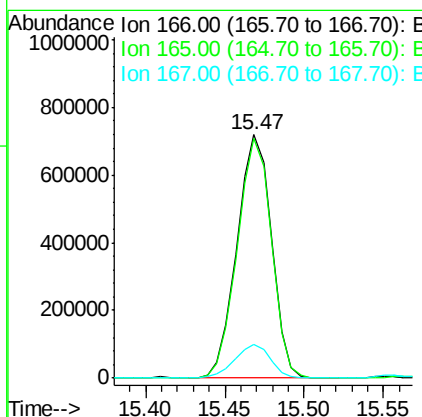
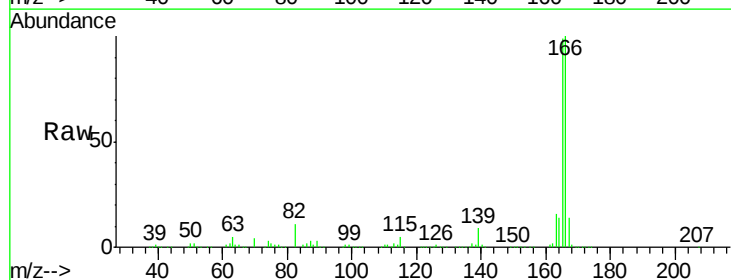
Instrument :
BNA_M
ClientSampled :
BC7T1

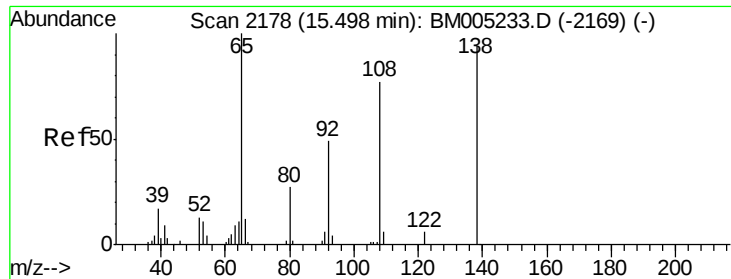
Tgt Ion:149 Resp: 1034
Ion Ratio Lower Upper
149 100
177 0.0 17.6 26.4#
150 0.0 9.8 14.8#



#58
Fluorene
Concen: 44.67 ng/ul
RT: 15.47 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BM005254.D
Acq: 06 May 2016 02:58

Tgt Ion:166 Resp: 1086097
Ion Ratio Lower Upper
166 100
165 98.7 77.9 116.9
167 13.6 10.6 16.0





#60

4-Nitroaniline

Concen: 2.24 ng/ul

RT: 15.47 min Scan# 2173

Delta R.T. -0.03 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

Instrument :

BNA_M

ClientSampleId :

BC7T1

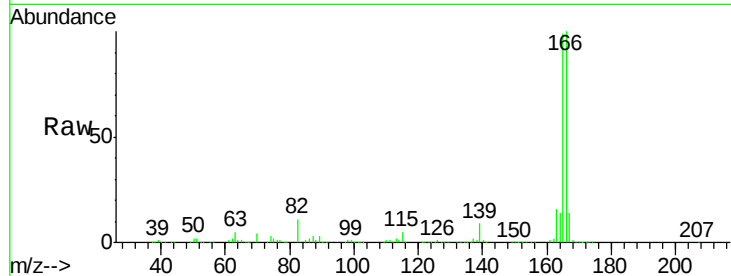
Tgt Ion:138 Resp: 13046

Ion Ratio Lower Upper

138 100

92 0.0 44.3 66.5#

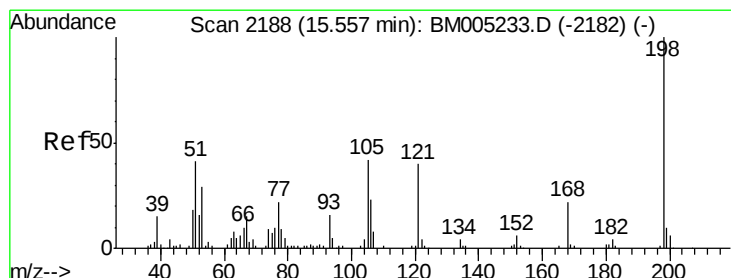
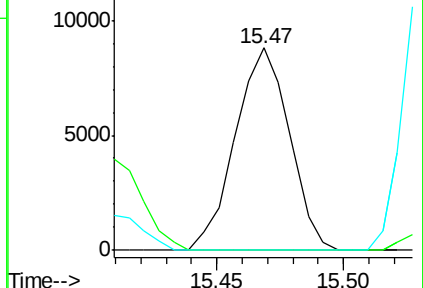
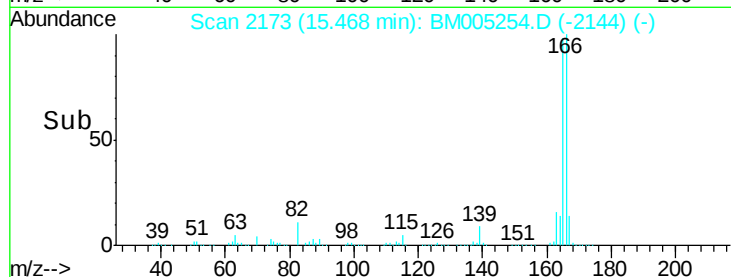
108 0.0 66.3 99.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#63

4,6-Dinitro-2-methylphenol

Concen: 0.06 ng/ul

RT: 15.54 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

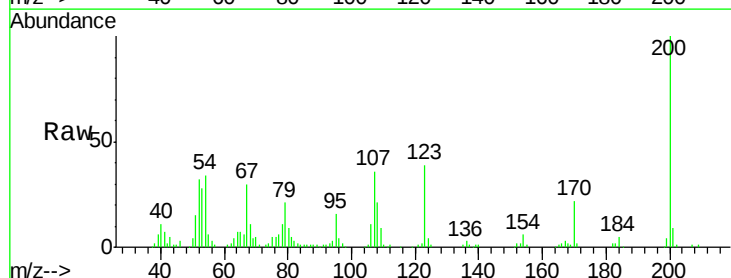
Tgt Ion:198 Resp: 267

Ion Ratio Lower Upper

198 100

182 365.9 5.5 8.3#

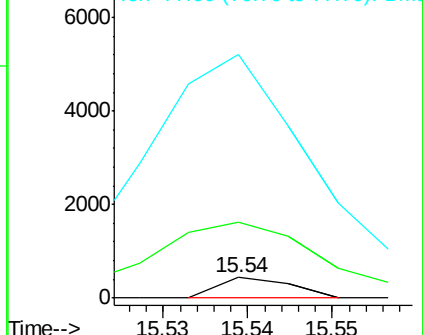
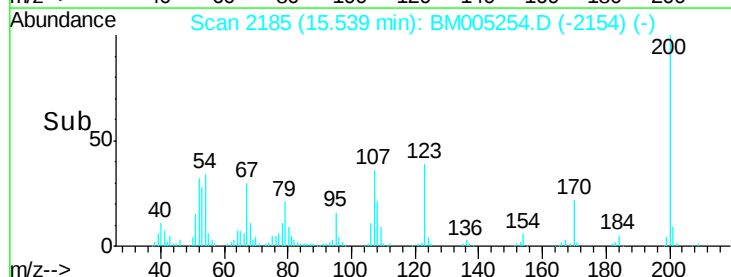
77 1183.0 24.2 36.2#

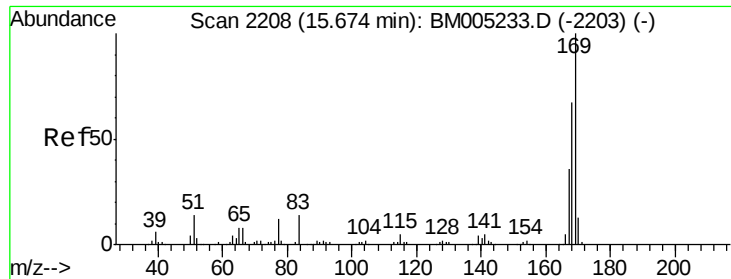


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM0





#64

N-Nitrosodiphenylamine

Concen: 0.13 ng/ul

RT: 15.67 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

Instrument :

BNA_M

ClientSampleId :

BC7T1

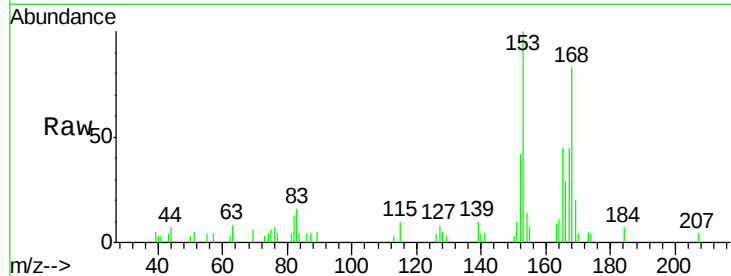
Tgt Ion:169 Resp: 2650

Ion Ratio Lower Upper

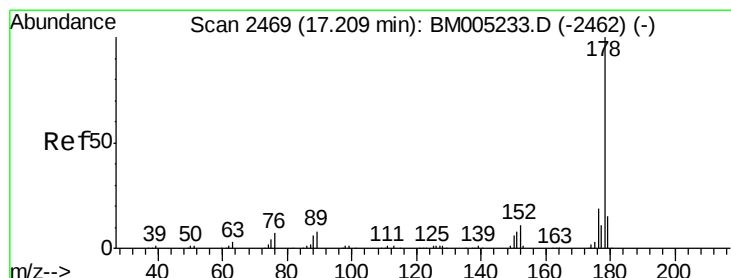
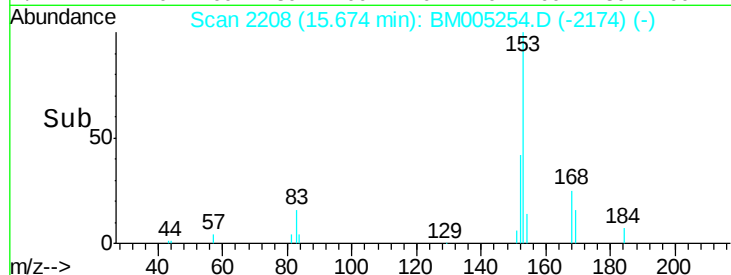
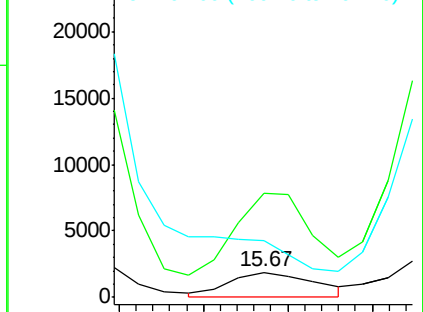
169 100

168 417.0 52.9 79.3#

167 225.1 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: 52.09 ng/ul

RT: 17.21 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

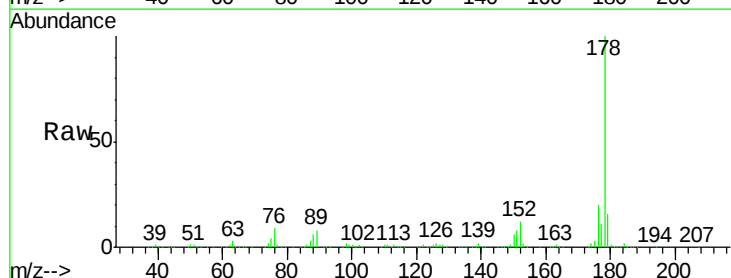
Tgt Ion:178 Resp: 2112611

Ion Ratio Lower Upper

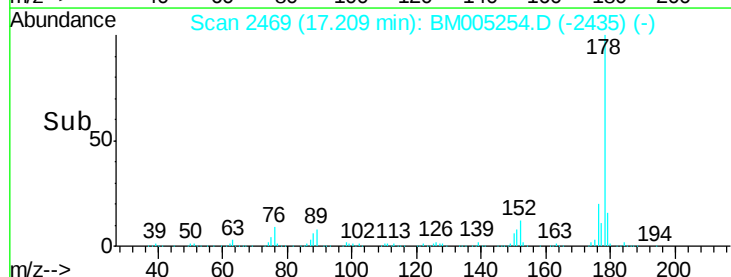
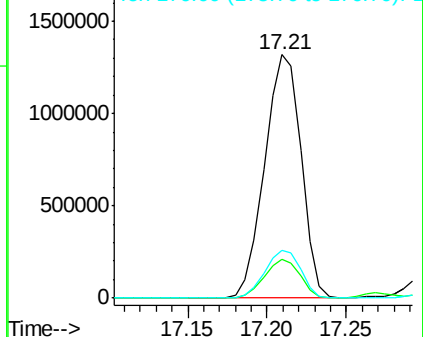
178 100

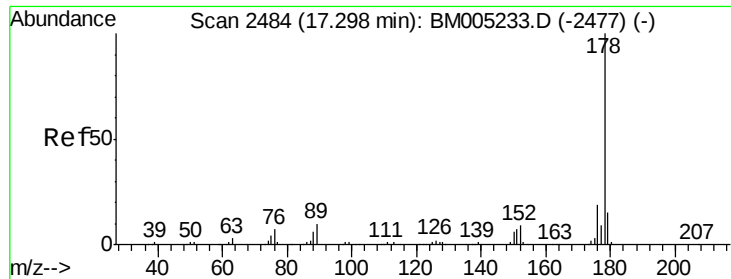
179 15.8 12.3 18.5

176 19.6 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

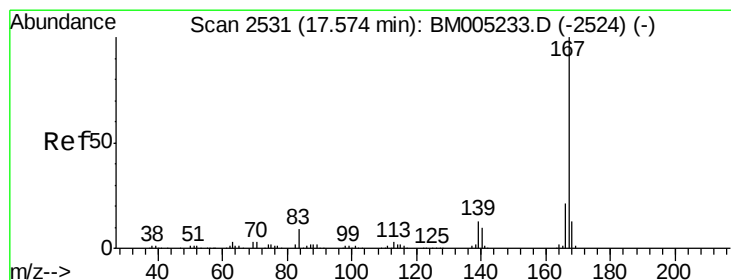
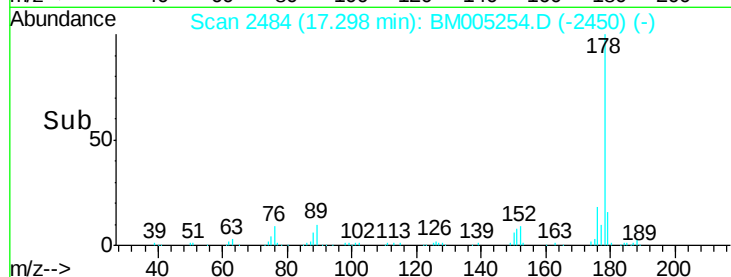
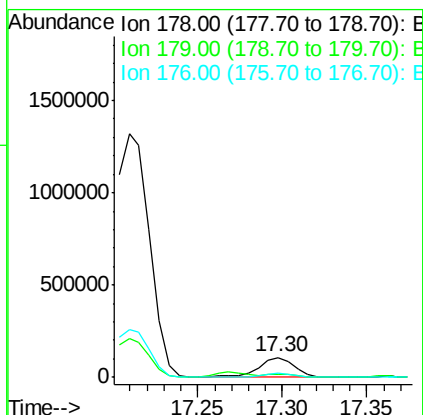
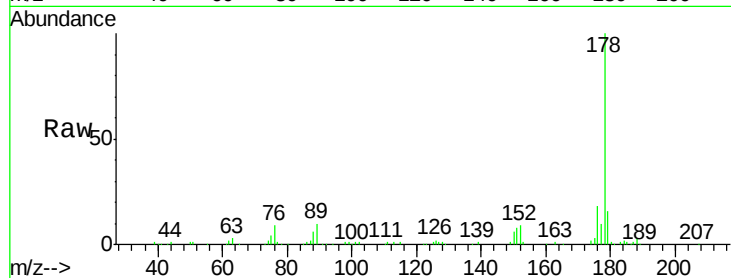




#71
 Anthracene
 Concen: 3.91 ng/ul
 RT: 17.30 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BM005254.D
 Acq: 06 May 2016 02:58

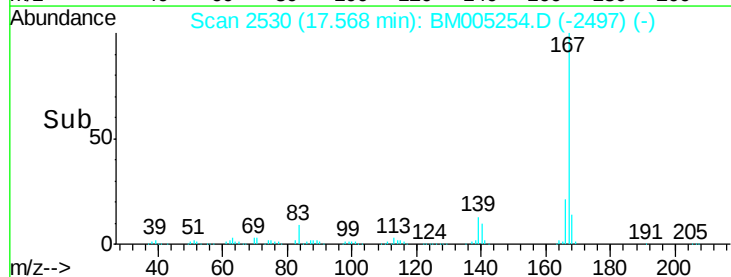
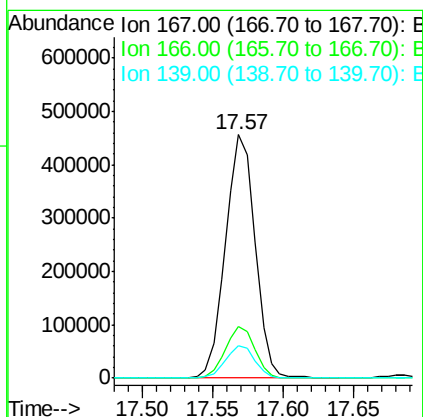
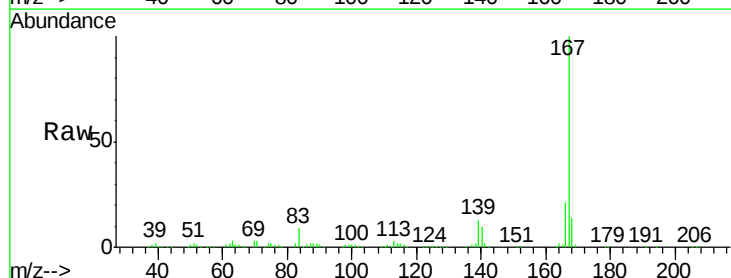
Instrument :
 BNA_M
 ClientSampleId :
 BC7T1

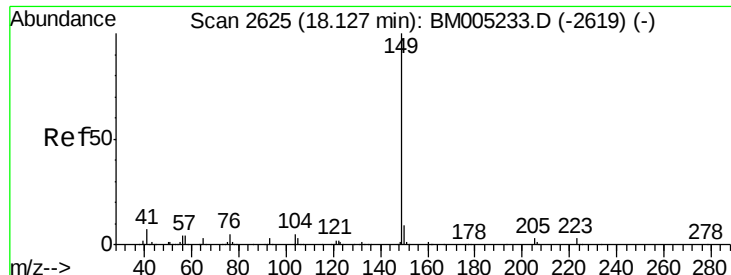
Tgt Ion:178 Resp: 158229
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.4 18.6
 176 18.2 15.1 22.7



#72
 Carbazole
 Concen: 18.77 ng/ul
 RT: 17.57 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BM005254.D
 Acq: 06 May 2016 02:58

Tgt Ion:167 Resp: 667718
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 13.2 10.2 15.2





#73

Di-n-butylphthalate

Concen: 0.08 ng/ul

RT: 18.13 min Scan# 2625

Delta R.T. 0.00 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

Instrument :

BNA_M

ClientSampleId :

BC7T1

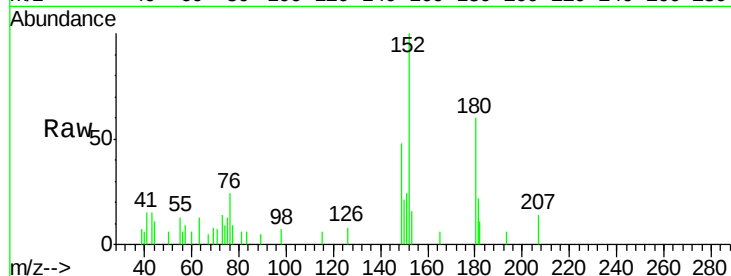
Tgt Ion:149 Resp: 3542

Ion Ratio Lower Upper

149 100

150 42.8 7.3 10.9#

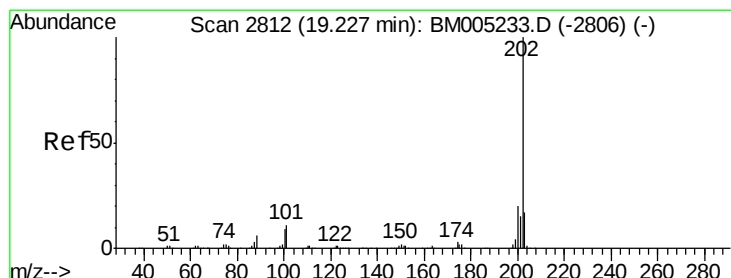
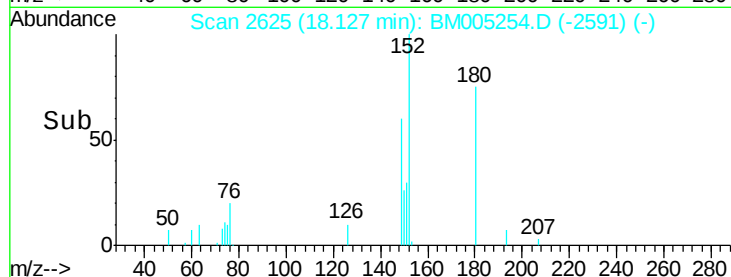
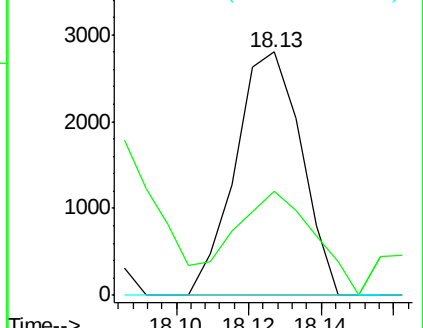
104 0.0 4.1 6.1#



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: 9.86 ng/ul

RT: 19.22 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

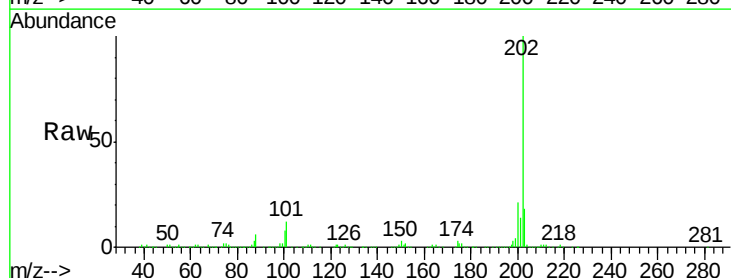
Tgt Ion:202 Resp: 443151

Ion Ratio Lower Upper

202 100

101 11.6 9.2 13.8

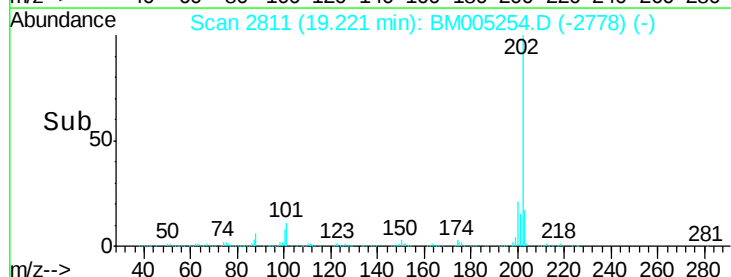
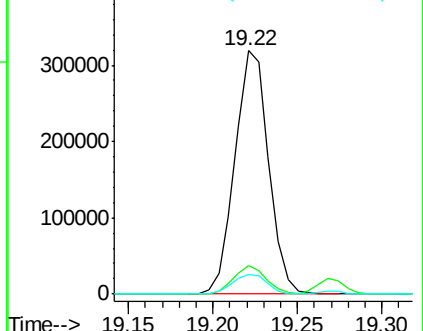
100 8.3 7.1 10.7

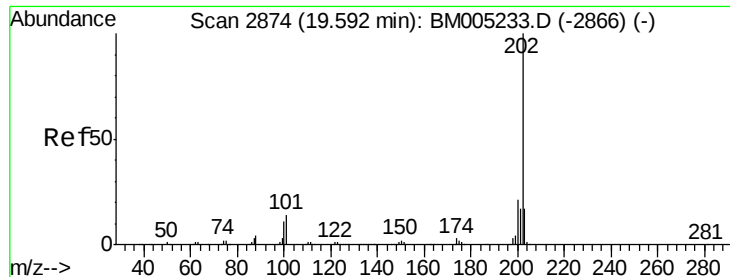


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 5.29 ng/ul

RT: 19.59 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

Instrument :

BNA_M

ClientSampleId :

BC7T1

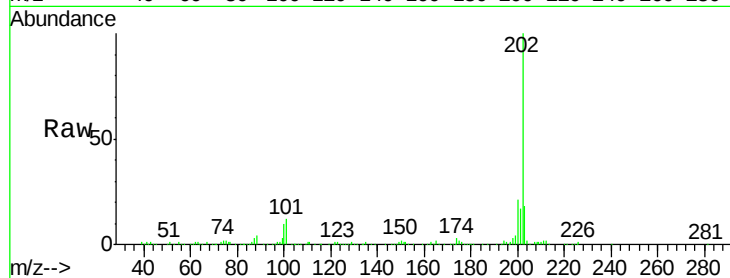
Tgt Ion:202 Resp: 271024

Ion Ratio Lower Upper

202 100

101 12.1 10.8 16.2

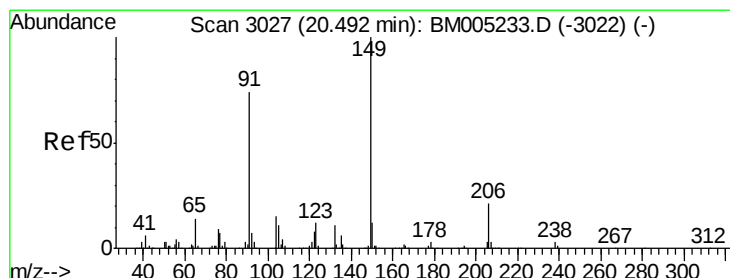
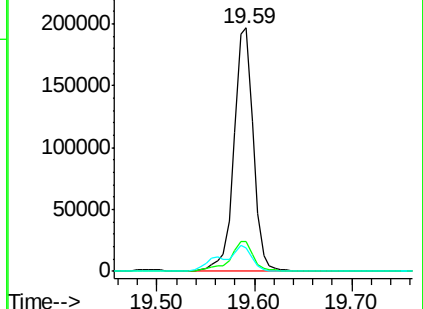
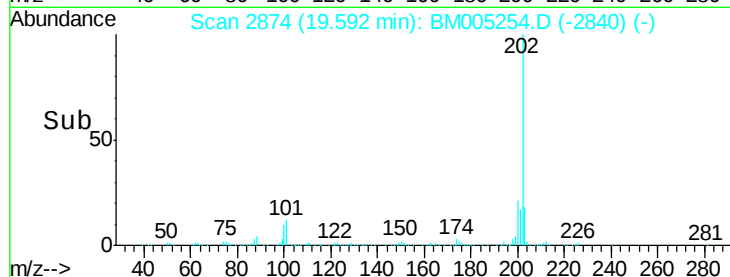
100 9.8 8.4 12.6



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: 0.02 ng/ul

RT: 20.49 min Scan# 3026

Delta R.T. -0.01 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

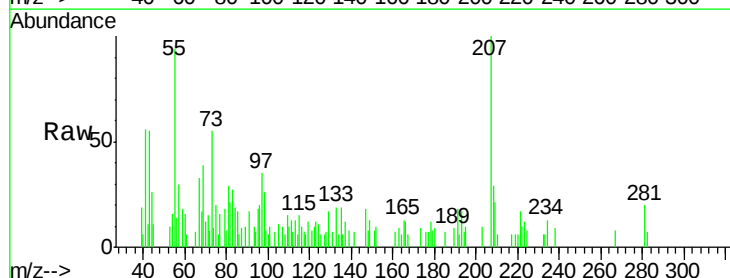
Tgt Ion:149 Resp: 400

Ion Ratio Lower Upper

149 100

91 133.6 58.4 87.6#

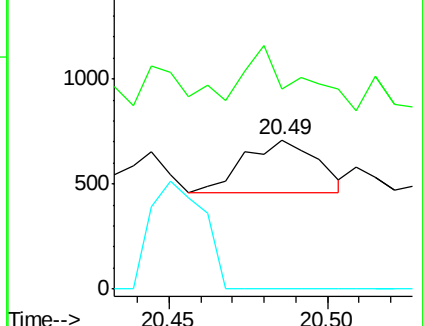
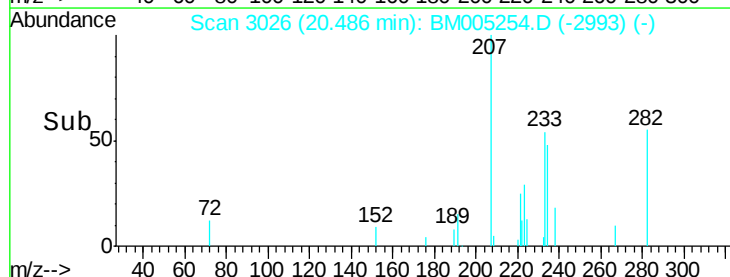
206 0.0 17.3 25.9#

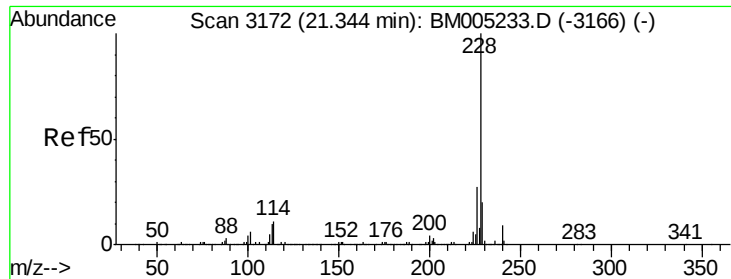


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E

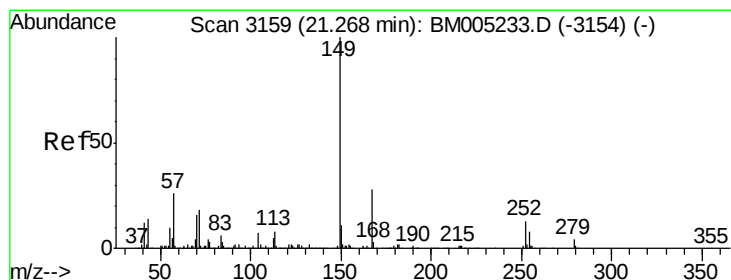
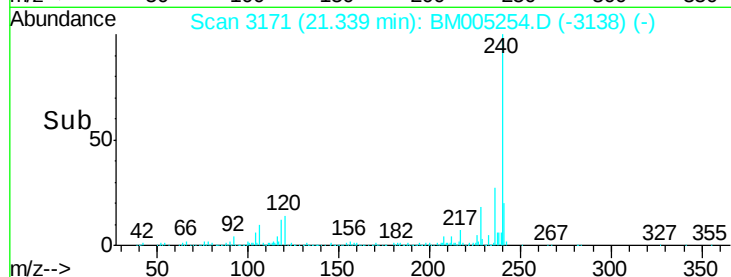
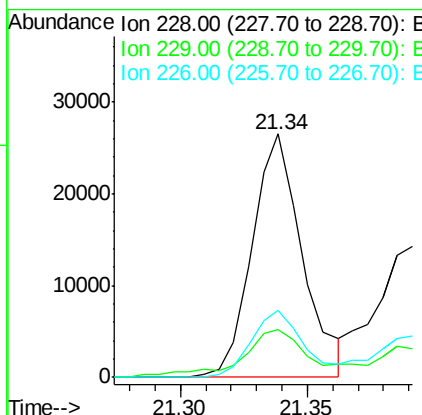
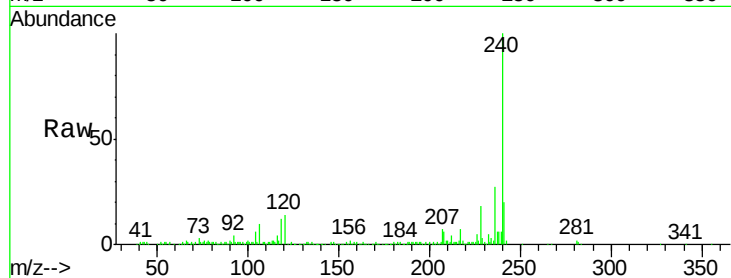




#80
 Benzo(a)anthracene
 Concen: 0.72 ng/ul
 RT: 21.34 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BM005254.D
 Acq: 06 May 2016 02:58

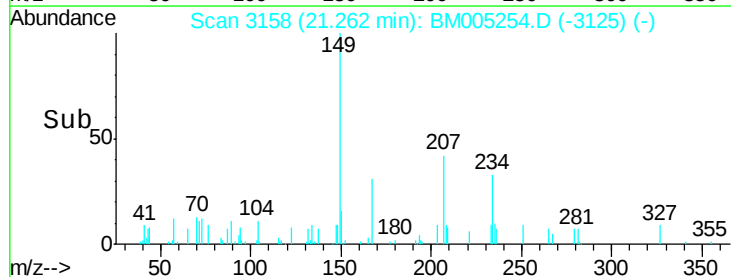
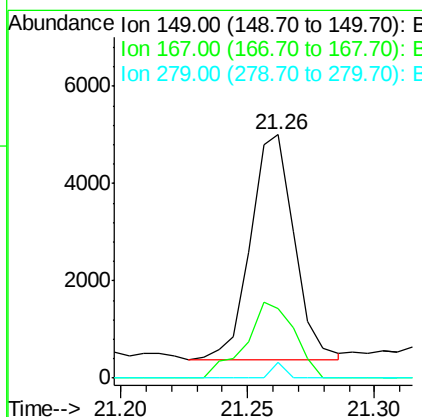
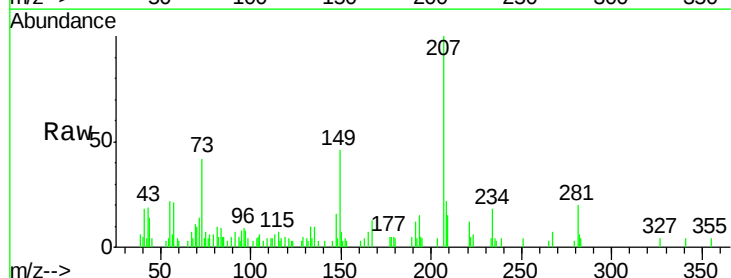
Instrument :
 BNA_M
 ClientSampleId :
 BC7T1

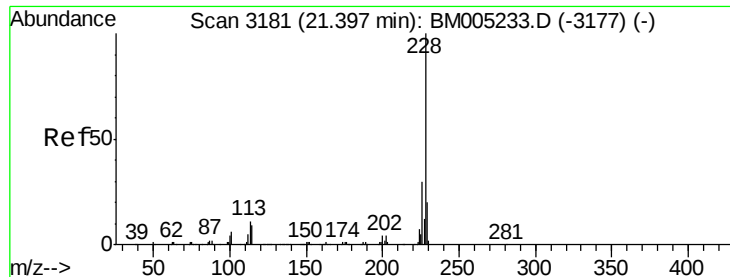
Tgt Ion: 228 Resp: 36712
 Ion Ratio Lower Upper
 228 100
 229 19.5 15.5 23.3
 226 27.4 21.8 32.8



#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.19 ng/ul
 RT: 21.26 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BM005254.D
 Acq: 06 May 2016 02:58

Tgt Ion: 149 Resp: 5548
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.9 32.9
 279 6.5 3.0 4.4#





#82

Chrysene

Concen: 0.42 ng/ul

RT: 21.39 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

Instrument :

BNA_M

ClientSampleId :

BC7T1

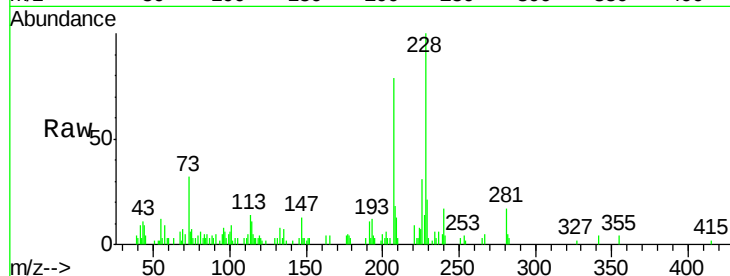
Tgt Ion:228 Resp: 20431

Ion Ratio Lower Upper

228 100

226 31.3 23.6 35.4

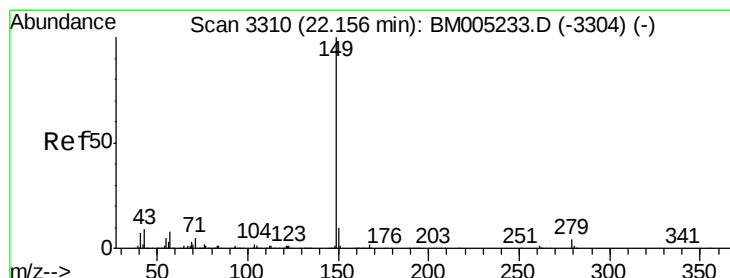
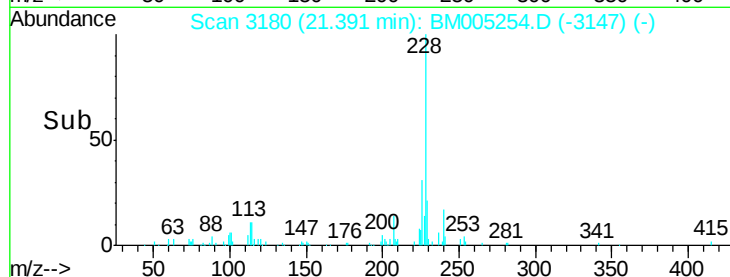
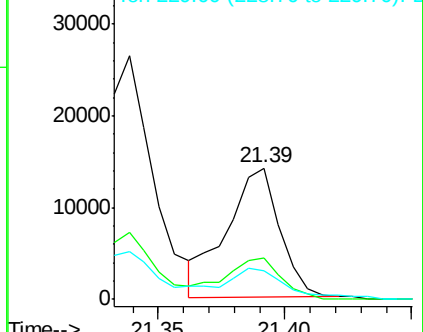
229 21.3 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 0.01 ng/ul

RT: 22.16 min Scan# 3310

Delta R.T. 0.00 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

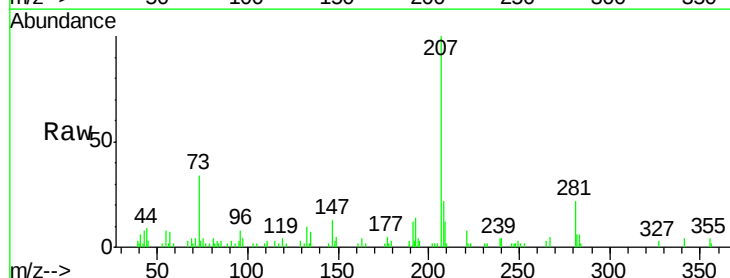
Tgt Ion:149 Resp: 388

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

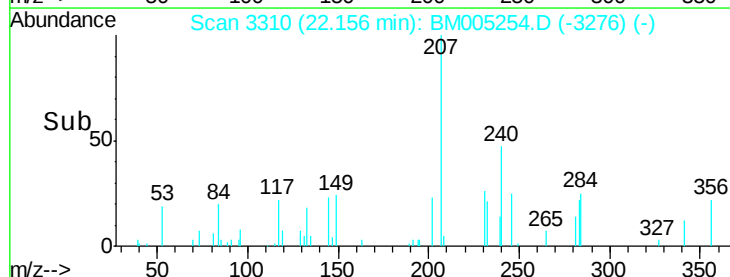
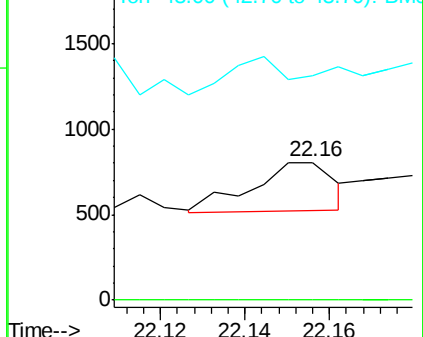
43 163.7 7.4 11.0#

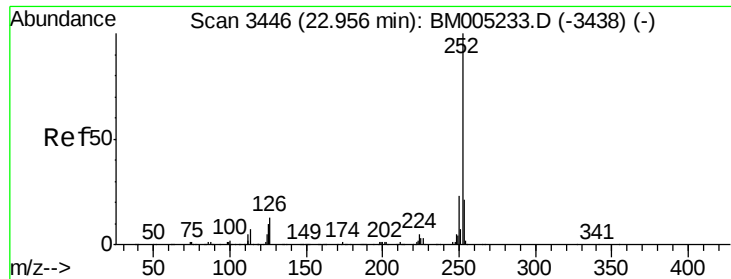


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 0.37 ng/ul

RT: 22.94 min Scan# 3444

Delta R.T. -0.01 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

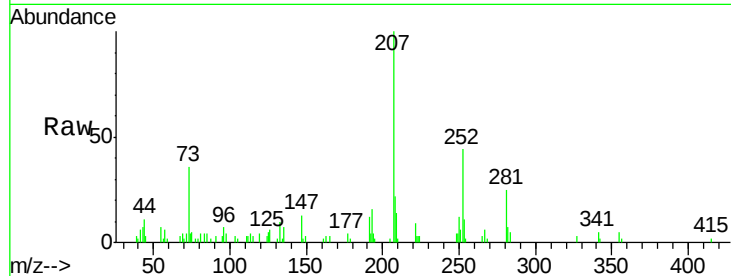
Instrument :

BNA_M

ClientSampled :

BC7T1

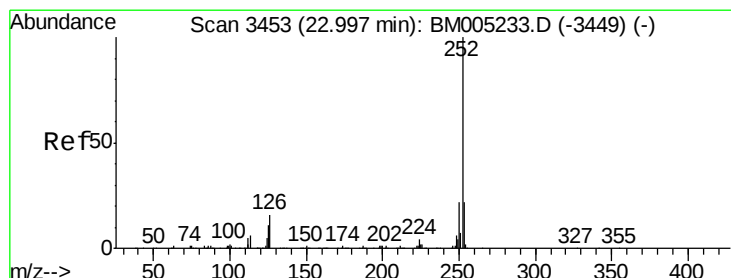
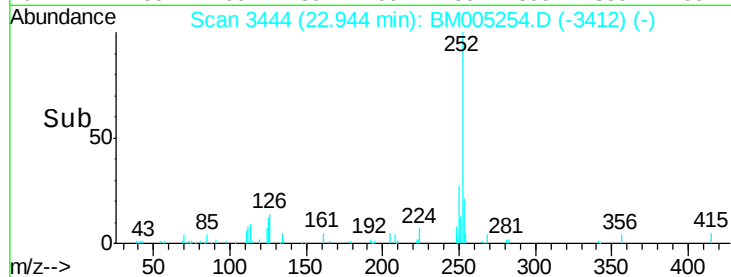
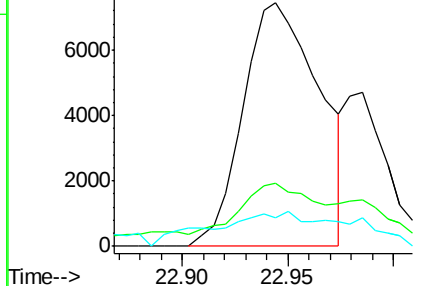
Tgt Ion:	252	Resp:	18722
Ion Ratio		Lower	Upper
252	100		
253	26.0	17.4	26.2
125	11.9	8.4	12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 0.13 ng/ul

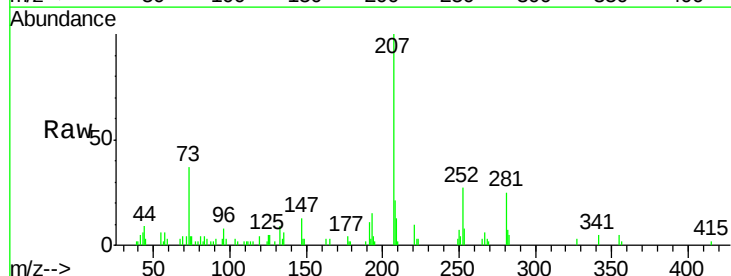
RT: 22.99 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

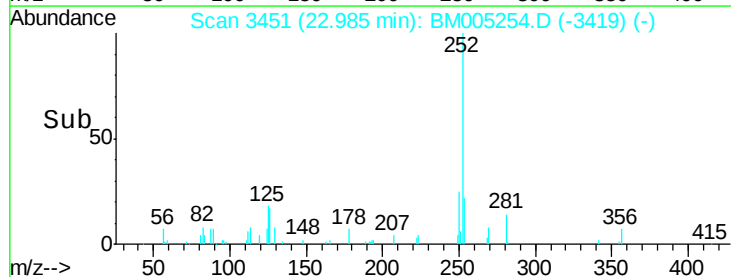
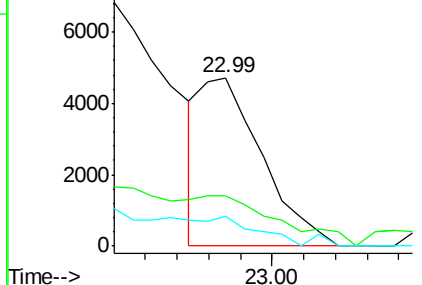
Tgt Ion:	252	Resp:	6295
Ion Ratio		Lower	Upper
252	100		
253	29.9	17.3	25.9#
125	18.1	8.0	12.0#

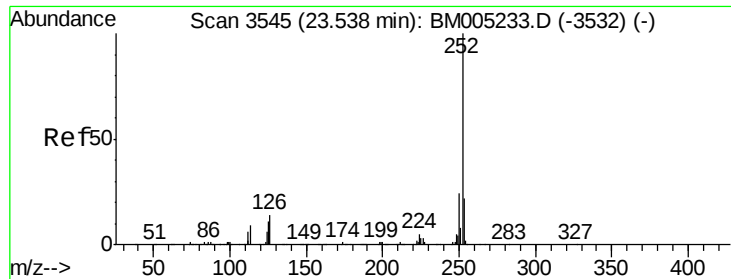


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 0.26 ng/ul

RT: 23.53 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

Instrument :

BNA_M

ClientSampleId :

BC7T1

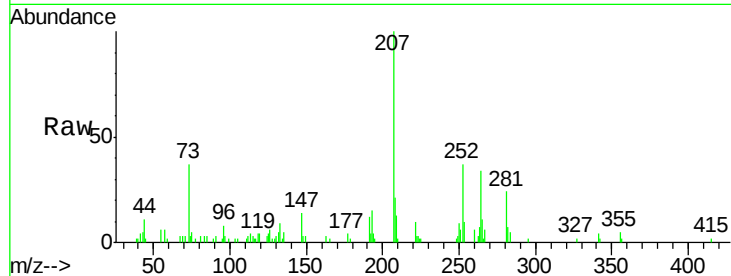
Tgt Ion:252 Resp: 12441

Ion Ratio Lower Upper

252 100

253 27.1 17.5 26.3#

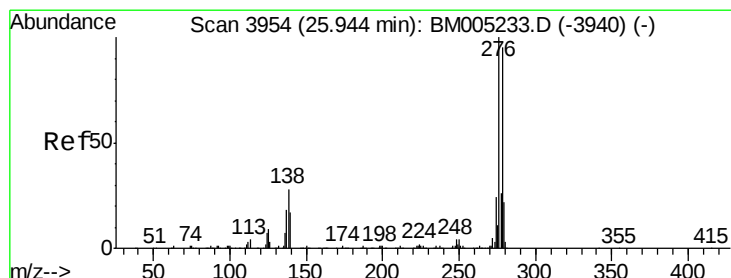
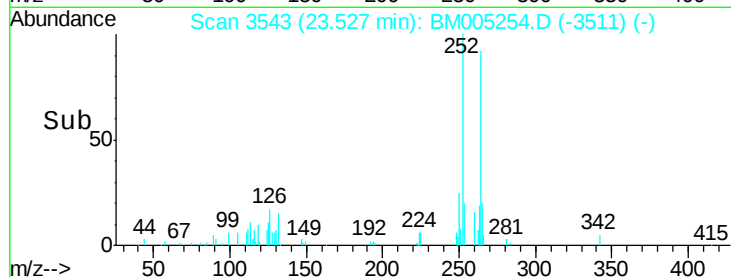
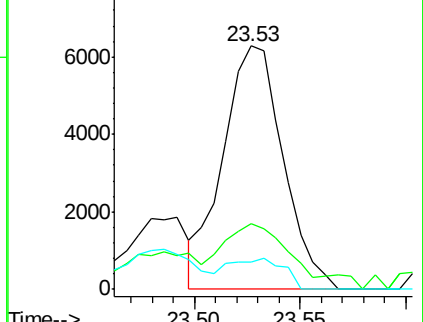
125 11.4 8.7 13.1



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: 0.09 ng/ul

RT: 25.92 min Scan# 3950

Delta R.T. -0.02 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

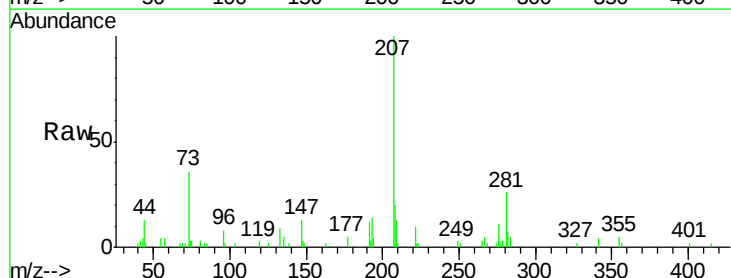
Tgt Ion:276 Resp: 4743

Ion Ratio Lower Upper

276 100

138 19.3 21.0 31.6#

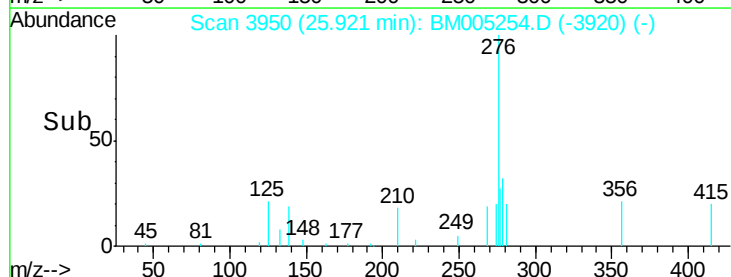
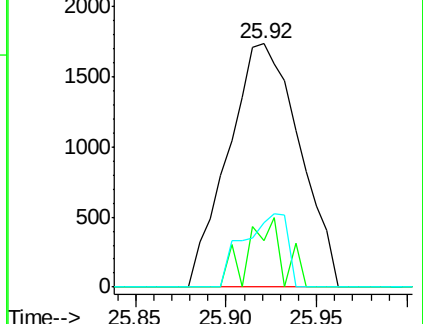
277 26.5 19.9 29.9

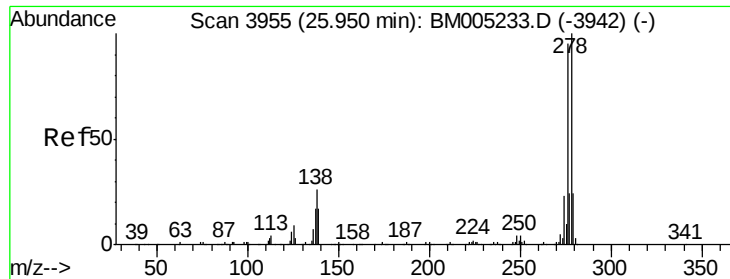


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.04 ng/ul

RT: 25.93 min Scan# 3951

Delta R.T. -0.02 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

Instrument :

BNA_M

ClientSampleId :

BC7T1

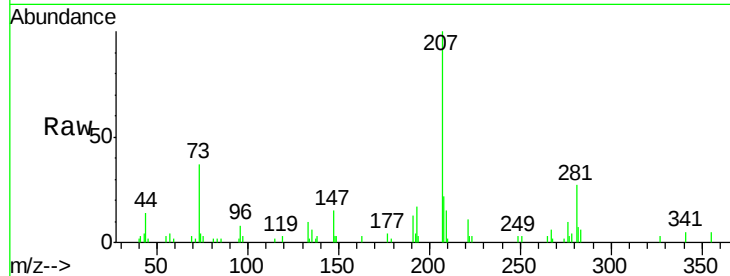
Tgt Ion: 278 Resp: 1797

Ion Ratio Lower Upper

278 100

139 0.0 13.8 20.6#

279 0.0 18.9 28.3#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

25.93

600

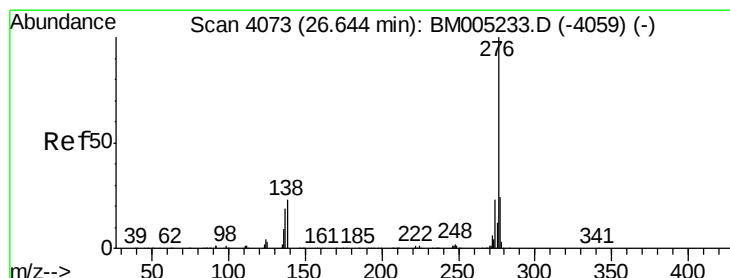
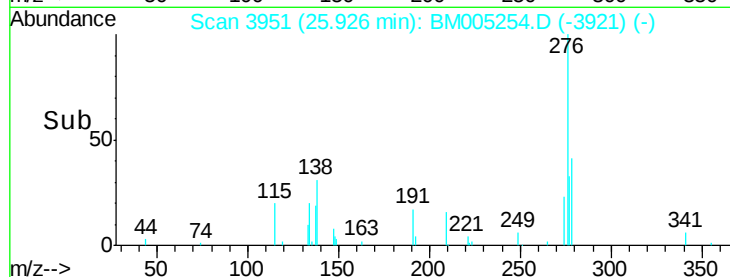
400

200

0

25.90 25.95

Time-->



#91

Benzo(g,h,i)perylene

Concen: 0.08 ng/ul

RT: 26.63 min Scan# 4071

Delta R.T. -0.01 min

Lab File: BM005254.D

Acq: 06 May 2016 02:58

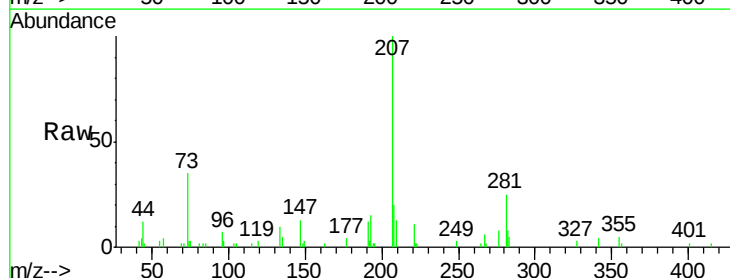
Tgt Ion: 276 Resp: 3493

Ion Ratio Lower Upper

276 100

138 0.0 18.2 27.4#

277 0.0 19.4 29.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

26.63

1500

1000

500

0

26.60 26.65

Time-->

