

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005249.D
 Acq On : 05 May 2016 23:53
 Operator : UM/SJ
 Sample : H2813-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7R9

Quant Time: May 06 04:22:08 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	79741	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	393964	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	257992	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	616613	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	755291	20.00	ng/ul	-0.01
83) Perylene-d12	23.63	264	742943	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	1903	1.12	ng/uL	0.00
5) Phenol-d5	6.95	99	39318	5.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	118910	28.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	123920	22.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	81139	13.57	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	83666	29.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	95039	29.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	153609	25.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	8081	1.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	581262	28.11	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	699805	28.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	15370	4.07	ng/ul	0.00
57) Fluorene-d10	15.41	176	510914	28.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	92457	26.65	ng/ul	0.00
70) Anthracene-d10	17.26	188	811899	29.79	ng/ul	0.00
76) Pyrene-d10	19.56	212	956541	27.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	977624	29.73	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.30	88	7303	2.36 ng/uL	97
4) Benzaldehyde	6.92	77	1692	0.48 ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.20	93	447	0.08 ng/ul#	62
12) 2,2'-oxybis(1-Chloropropan	8.47	45	368	0.05 ng/ul#	67
14) Acetophenone	8.60	105	482	0.05 ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.47	70	1832	0.40 ng/ul#	1
17) Hexachloroethane	8.87	117	6900	3.28 ng/ul#	8
20) Nitrobenzene	8.95	77	2113	0.30 ng/ul#	1
21) Isophorone	9.65	82	8038	0.59 ng/ul#	71
28) Naphthalene	10.63	128	4910491	247.73 ng/ul	99
30) 4-Chloroaniline	10.63	127	670483	92.29 ng/ul#	18
34) 2-Methylnaphthalene	12.23	142	1527487	103.03 ng/ul	100
40) 1,1'-Biphenyl	13.24	154	393984	19.28 ng/ul	100
41) 2-Chloronaphthalene	13.39	162	3736	0.24 ng/ul#	39
42) 2-Nitroaniline	13.44	65	994	0.21 ng/ul#	4
44) Dimethylphthalate	13.82	163	385	0.02 ng/ul#	1
45) 2,6-Dinitrotoluene	13.82	165	4778	1.17 ng/ul#	38
47) Acenaphthylene	14.13	152	80163	3.12 ng/ul#	96
48) 3-Nitroaniline	14.49	138	1036	0.24 ng/ul#	1
49) Acenaphthene	14.48	153	1087391	64.30 ng/ul	99
52) 4-Nitrophenol	14.48	109	1676	0.53 ng/ul#	1
53) Dibenzofuran	14.82	168	1031089	42.02 ng/ul	99
54) 2,4-Dinitrotoluene	14.81	165	523	0.09 ng/ul#	1

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

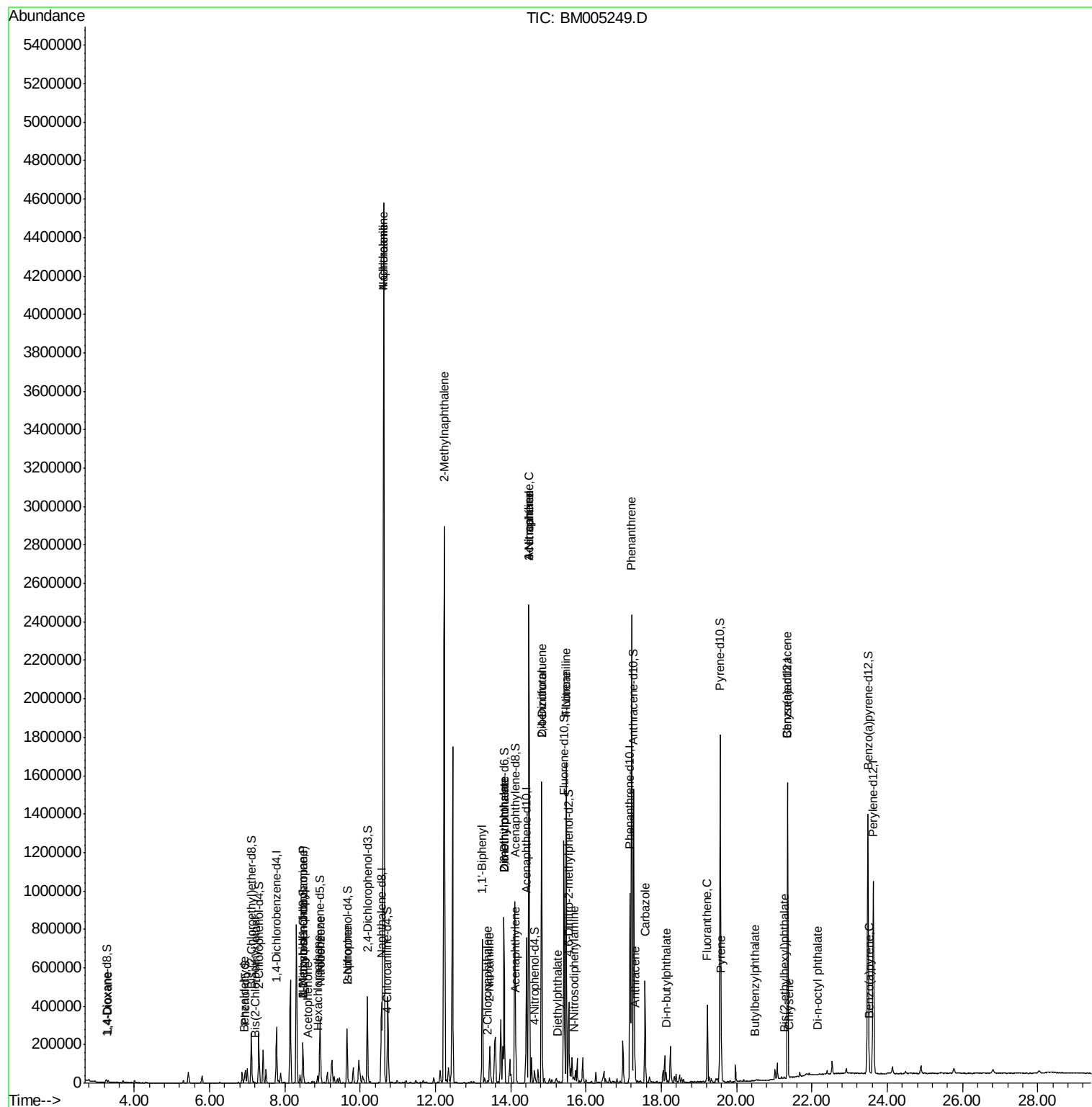
56) Diethylphthalate	15.23	149	2629	0.13	ng/ul#	96
58) Fluorene	15.47	166	745799	38.88	ng/ul	99
60) 4-Nitroaniline	15.47	138	8269	1.80	ng/ul#	14
64) N-Nitrosodiphenylamine	15.67	169	1757	0.10	ng/ul#	1
69) Phenanthrene	17.21	178	1507195	46.49	ng/ul	100
71) Anthracene	17.30	178	108096	3.34	ng/ul	99
72) Carbazole	17.57	167	330837	11.63	ng/ul	100
73) Di-n-butylphthalate	18.13	149	38130	1.10	ng/ul	99
74) Fluoranthene	19.22	202	242965	6.76	ng/ul	99
77) Pyrene	19.59	202	144144	3.29	ng/ul	99
78) Butylbenzylphthalate	20.48	149	553	0.03	ng/ul#	79
80) Benzo(a)anthracene	21.34	228	4589	0.11	ng/ul#	89
81) Bis(2-ethylhexyl)phthalate	21.26	149	3707	0.15	ng/ul#	94
82) Chrysene	21.39	228	946	0.02	ng/ul#	39
84) Di-n-octyl phthalate	22.16	149	234	0.01	ng/ul#	1
88) Benzo(a)pyrene	23.52	252	116	0.00	ng/ul#	60

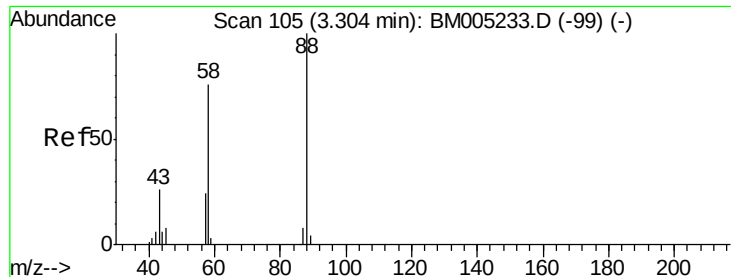
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.36 ng/uL

RT: 3.30 min Scan# 105

Delta R.T. 0.00 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

Instrument :

BNA_M

ClientSampleId :

BC7R9

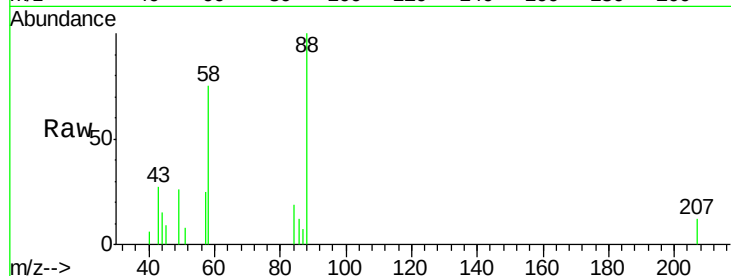
Tgt Ion: 88 Resp: 7303

Ion Ratio Lower Upper

88 100

43 23.8 19.3 28.9

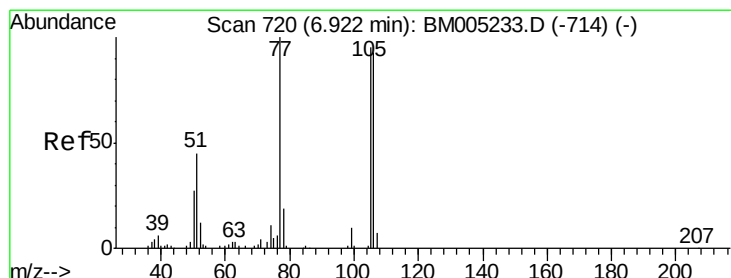
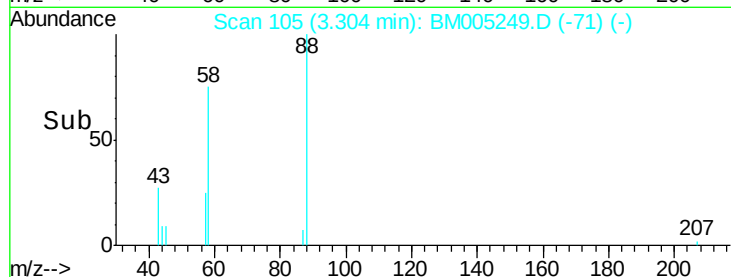
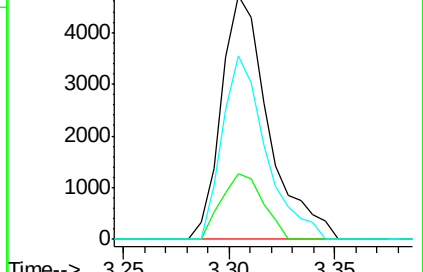
58 69.3 57.9 86.9



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) (-)



#4

Benzaldehyde

Concen: 0.48 ng/uL

RT: 6.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

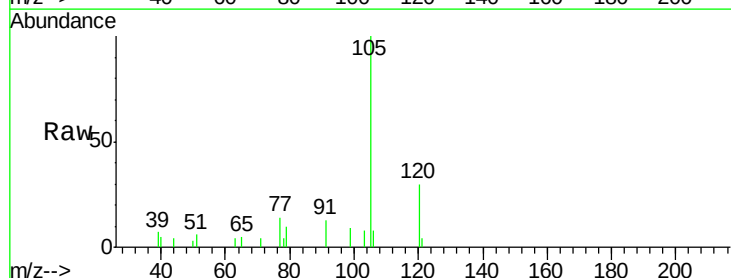
Tgt Ion: 77 Resp: 1692

Ion Ratio Lower Upper

77 100

105 738.5 77.6 116.4#

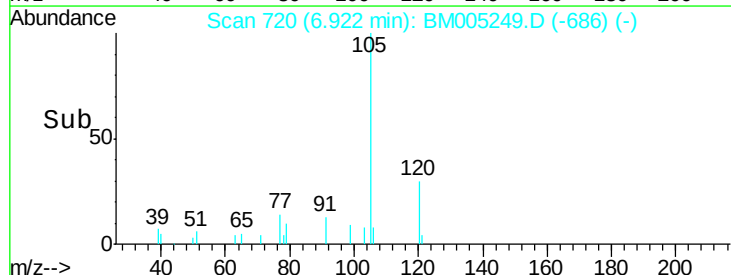
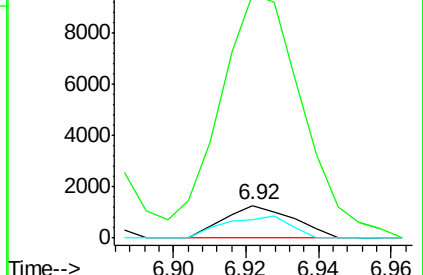
106 55.7 77.9 116.9#

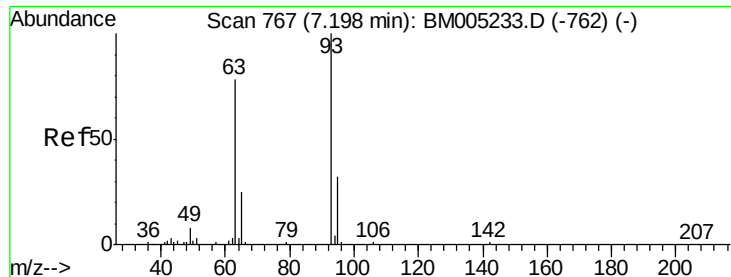


Abundance Ion 77.00 (76.70 to 77.70): BM005233.D (-714) (-)

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: 0.08 ng/ul

RT: 7.20 min Scan# 768

Delta R.T. 0.01 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

Instrument :

BNA_M

ClientSampleId :

BC7R9

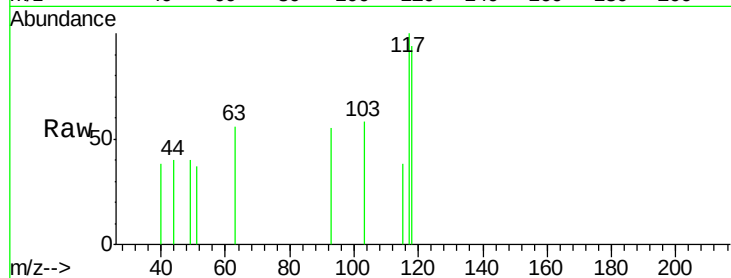
Tgt Ion: 93 Resp: 447

Ion Ratio Lower Upper

93 100

63 102.0 60.6 90.8#

95 0.0 24.2 36.4#

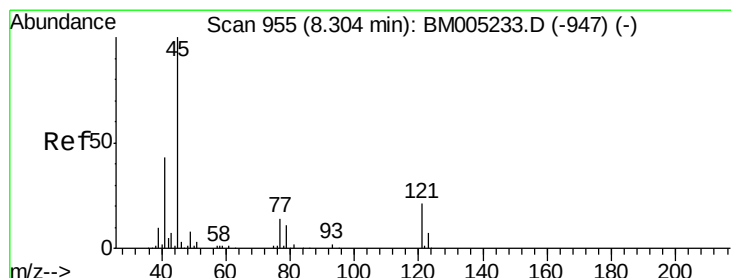
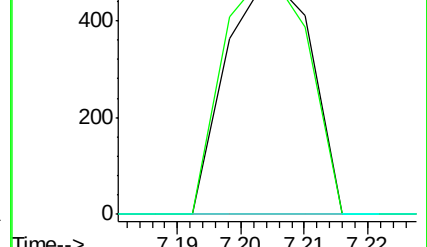
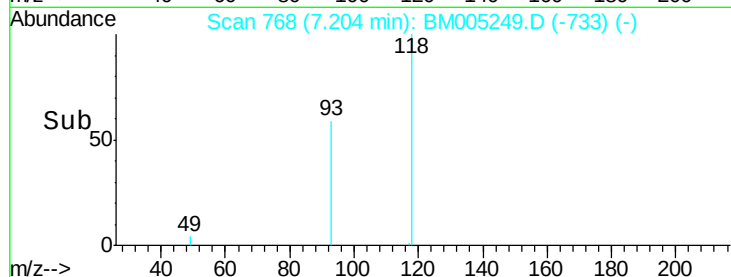


Abundance Ion 93.00 (92.70 to 93.70): BM005233.D (-762) (-)

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: 0.05 ng/ul

RT: 8.47 min Scan# 984

Delta R.T. 0.17 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

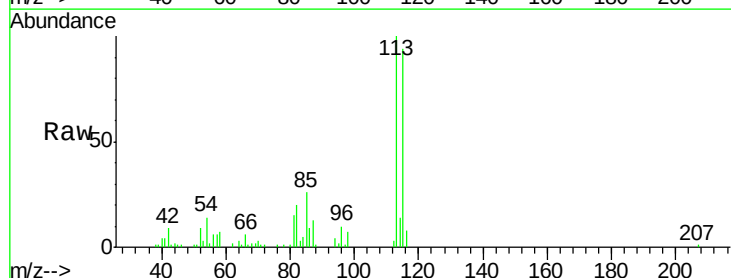
Tgt Ion: 45 Resp: 368

Ion Ratio Lower Upper

45 100

77 0.0 12.1 18.1#

79 0.0 9.0 13.4#

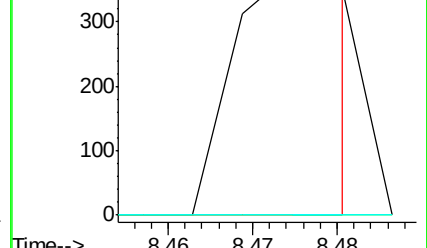
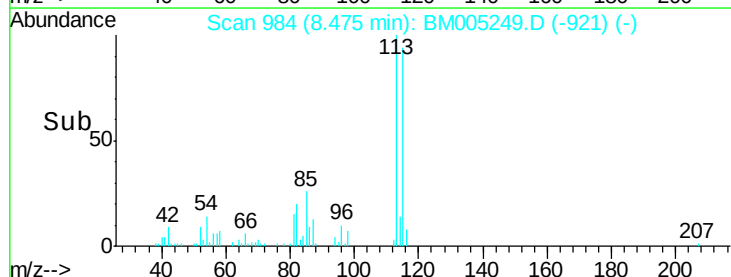


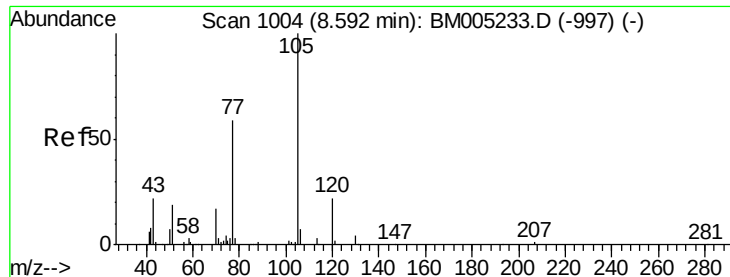
Abundance Ion 45.00 (44.70 to 45.70): BM005233.D (-947) (-)

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

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

Time-->





#14

Acetophenone

Concen: 0.05 ng/ul

RT: 8.60 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

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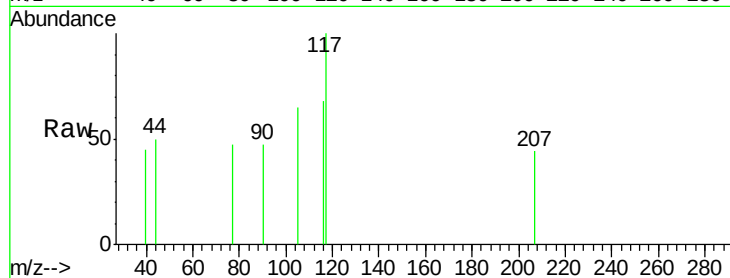
Tgt Ion: 105 Resp: 482

Ion Ratio Lower Upper

105 100

77 71.5 61.2 91.8

51 0.0 21.2 31.8#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

600

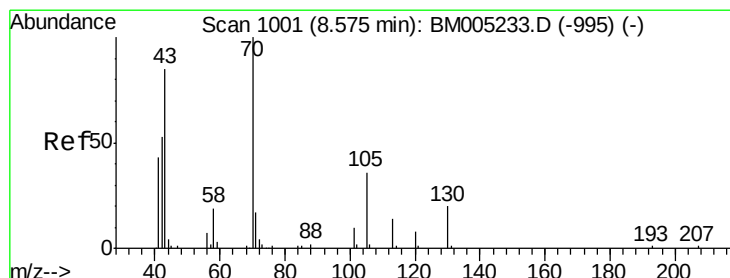
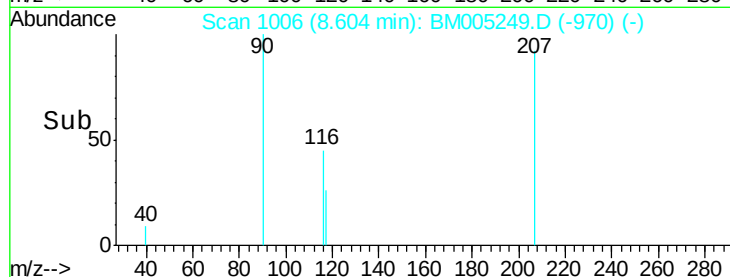
400

200

0

8.59 8.60 8.61 8.62

Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 0.40 ng/ul

RT: 8.47 min Scan# 984

Delta R.T. -0.10 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

Tgt Ion: 70 Resp: 1832

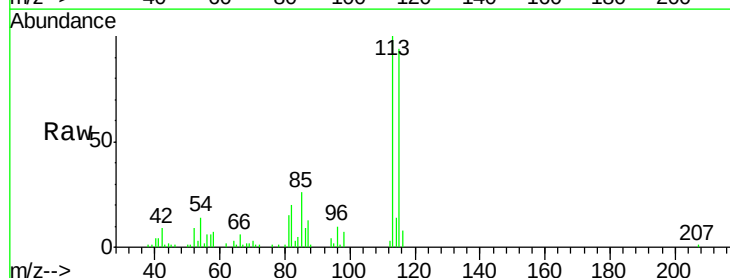
Ion Ratio Lower Upper

70 100

42 339.0 42.8 64.2#

101 0.0 7.8 11.6#

130 0.0 15.7 23.5#



Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

6000

5000

4000

3000

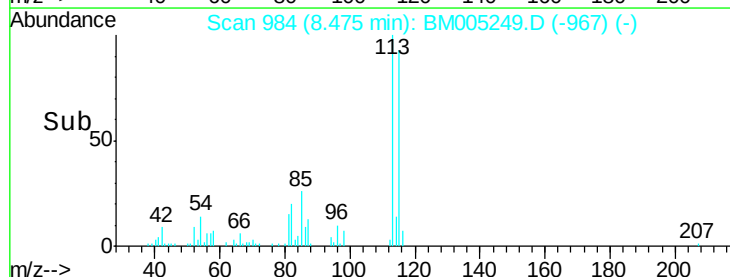
2000

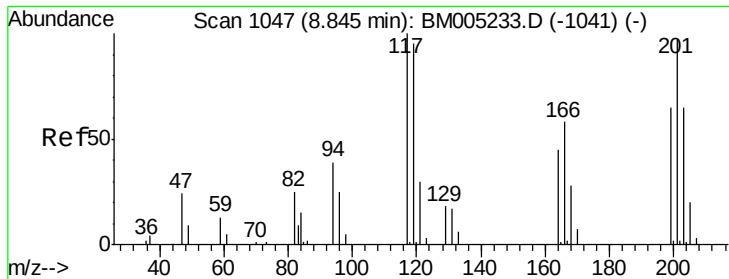
1000

0

8.44 8.46 8.48 8.50

Time-->

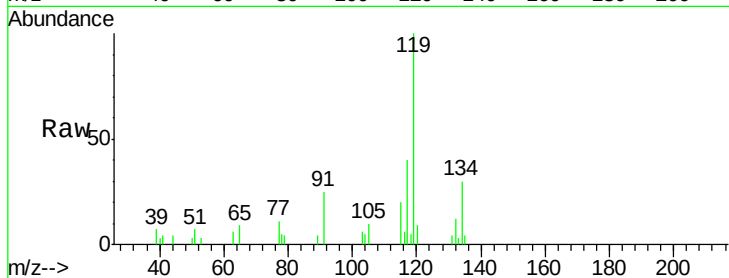




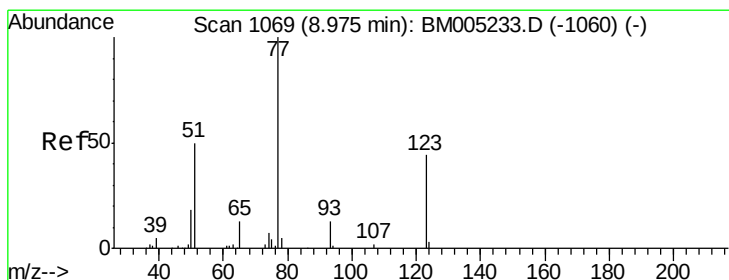
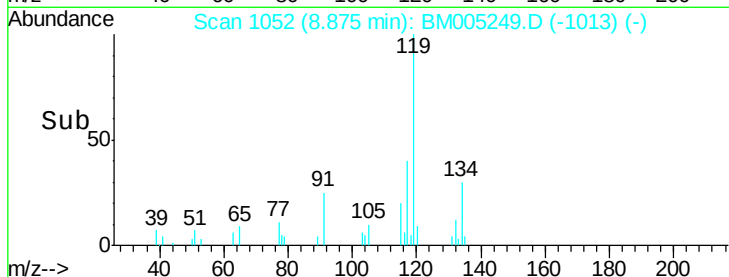
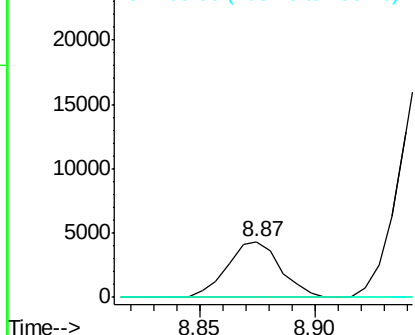
#17
Hexachloroethane
Concen: 3.28 ng/ul
RT: 8.87 min Scan# 1052
Delta R.T. 0.03 min
Lab File: BM005249.D
Acq: 05 May 2016 23:53

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Tgt Ion: 117 Resp: 6900
Ion Ratio Lower Upper
117 100
201 0.0 78.1 117.1#
199 0.0 50.2 75.2#

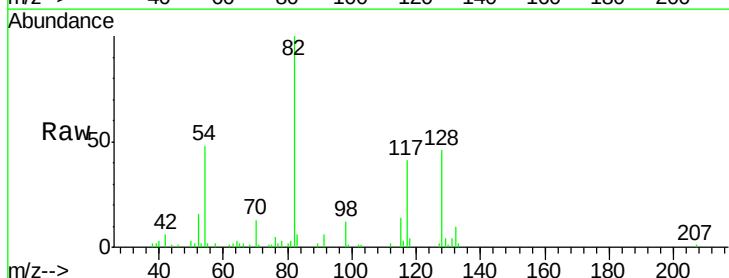


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

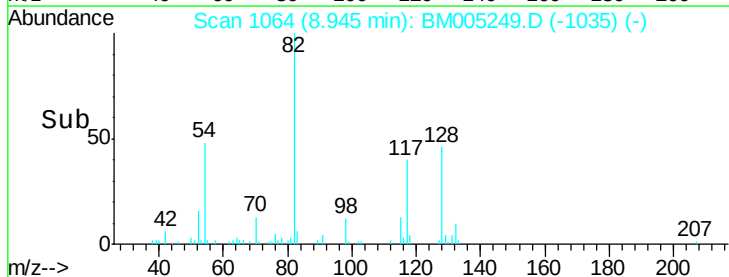
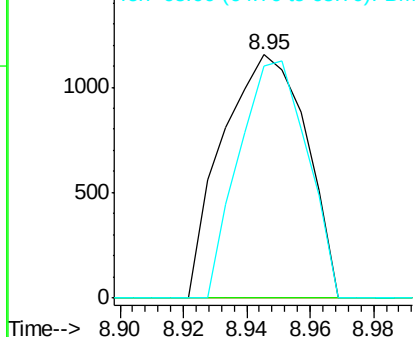


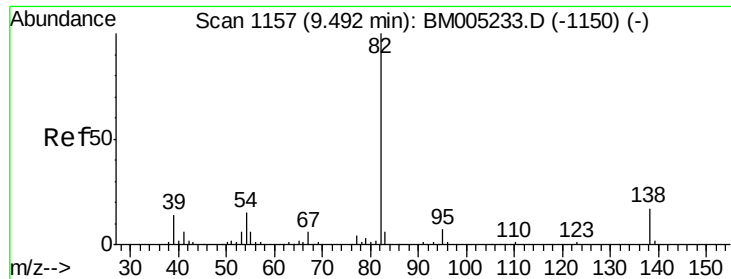
#20
Nitrobenzene
Concen: 0.30 ng/ul
RT: 8.95 min Scan# 1064
Delta R.T. -0.03 min
Lab File: BM005249.D
Acq: 05 May 2016 23:53

Tgt Ion: 77 Resp: 2113
Ion Ratio Lower Upper
77 100
123 0.0 34.1 51.1#
65 95.3 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM

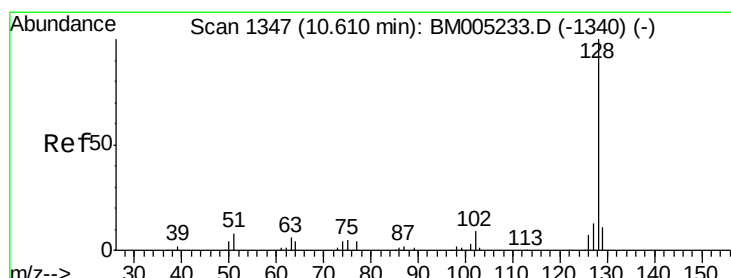
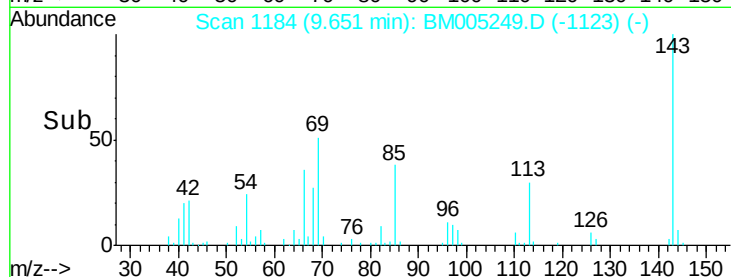
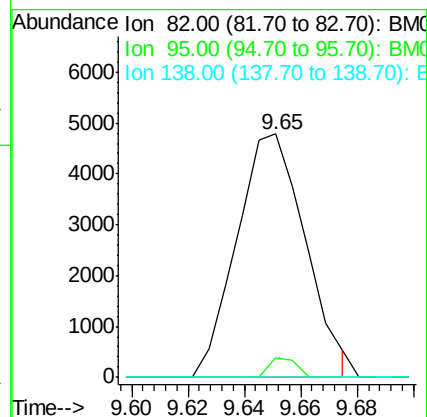
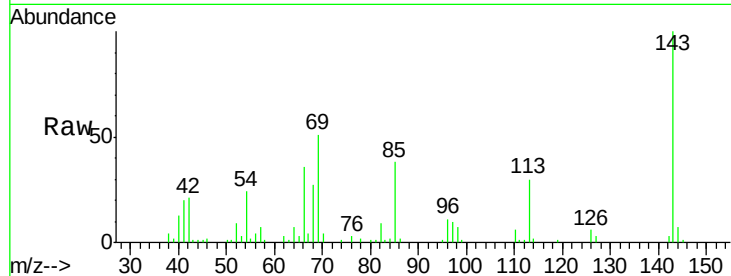




#21
Isophorone
Concen: 0.59 ng/ul
RT: 9.65 min Scan# 1184
Delta R.T. 0.16 min
Lab File: BM005249.D
Acq: 05 May 2016 23:53

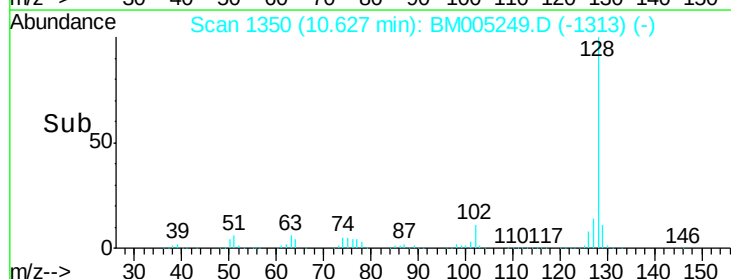
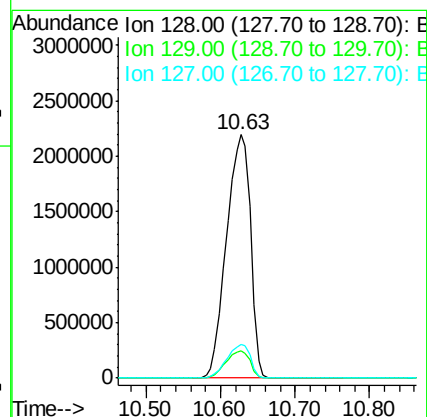
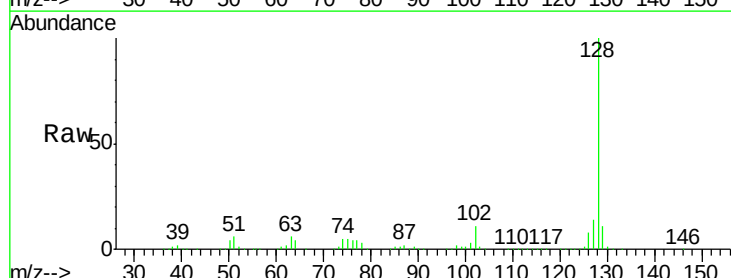
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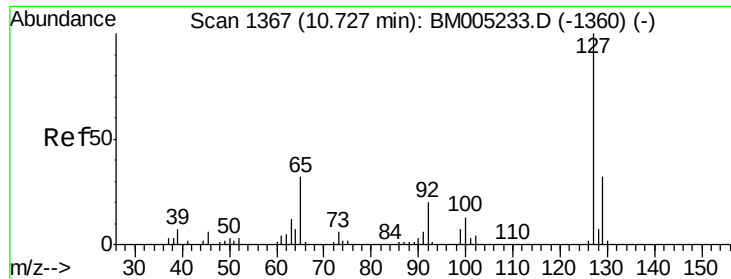
Tgt Ion: 82 Resp: 8038
Ion Ratio Lower Upper
82 100
95 8.0 5.4 8.0
138 0.0 13.4 20.2#



#28
Naphthalene
Concen: 247.73 ng/ul
RT: 10.63 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BM005249.D
Acq: 05 May 2016 23:53

Tgt Ion: 128 Resp: 4910491
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.9 10.8 16.2

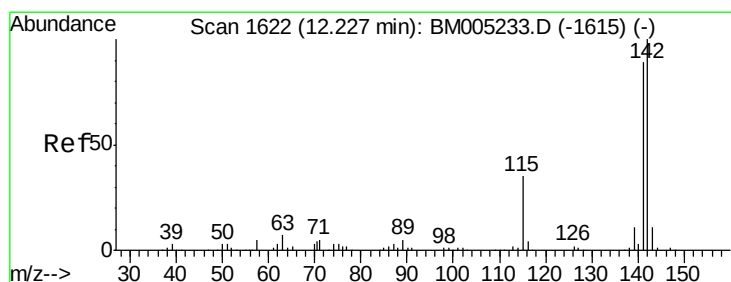
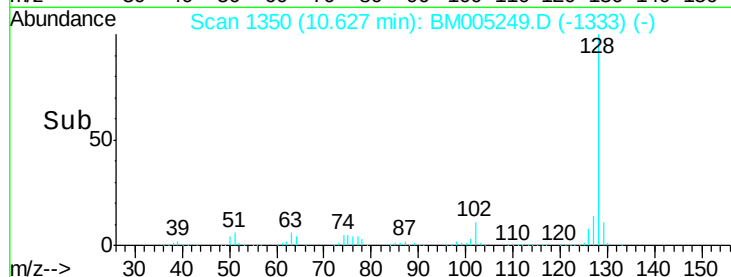
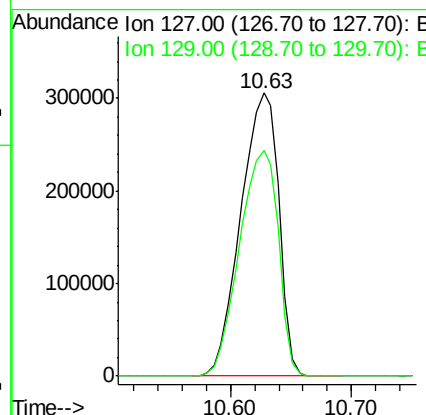
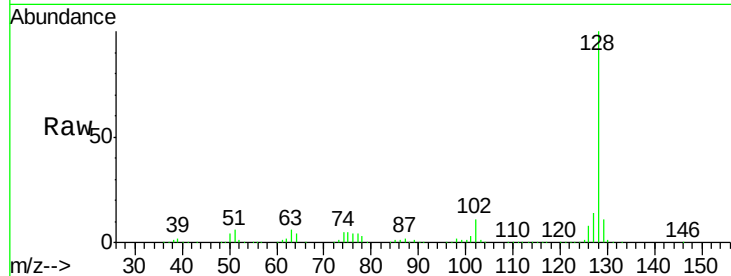




#30
4-Chloroaniline
Concen: 92.29 ng/ul
RT: 10.63 min Scan# 1350
Delta R.T. -0.10 min
Lab File: BM005249.D
Acq: 05 May 2016 23:53

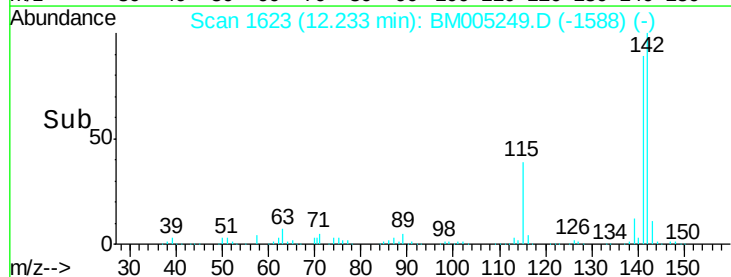
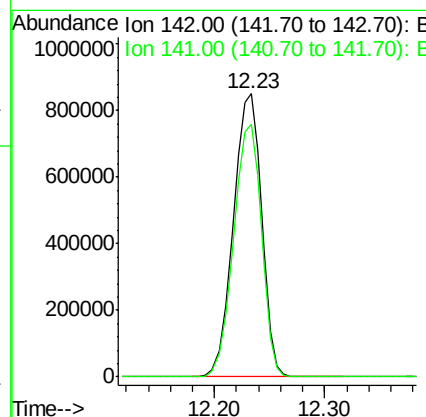
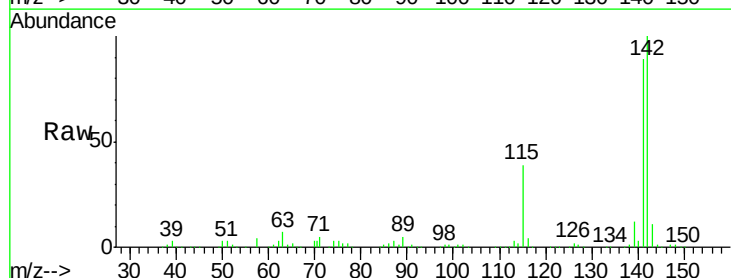
Instrument :
BNA_M
ClientSampleId :
BC7R9

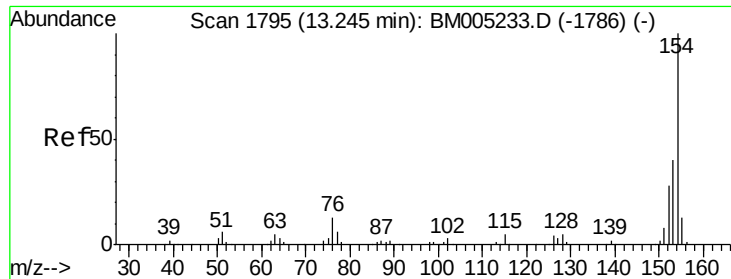
Tgt Ion:127 Resp: 670483
Ion Ratio Lower Upper
127 100
129 79.8 26.5 39.7#



#34
2-Methylnaphthalene
Concen: 103.03 ng/ul
RT: 12.23 min Scan# 1623
Delta R.T. 0.01 min
Lab File: BM005249.D
Acq: 05 May 2016 23:53

Tgt Ion:142 Resp: 1527487
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9

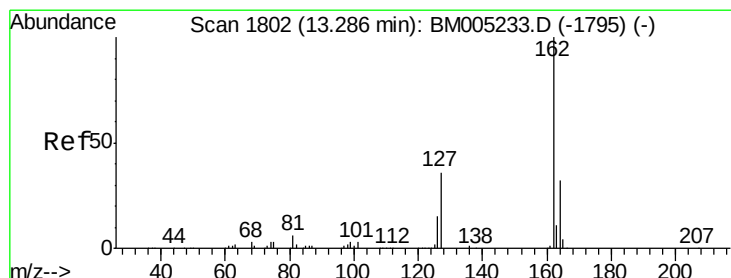
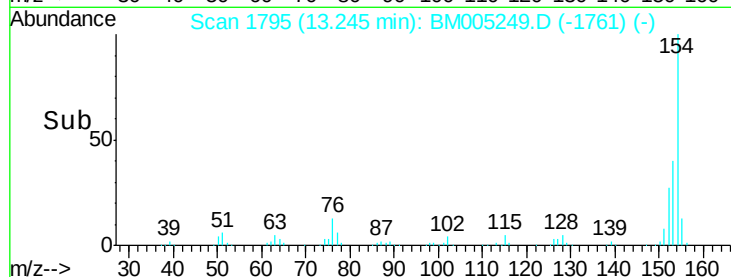
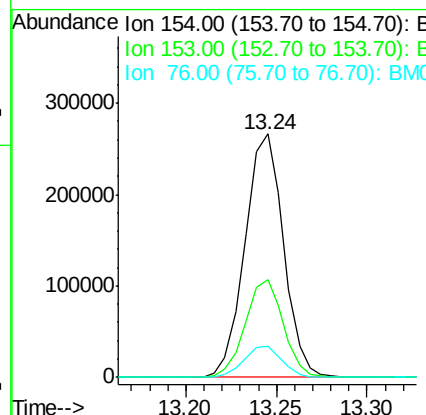
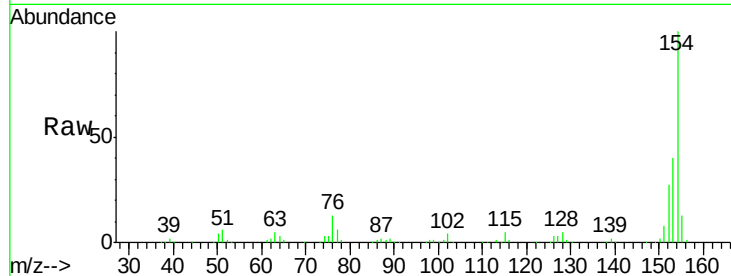




#40
 1,1'-Biphenyl
 Concen: 19.28 ng/ul
 RT: 13.24 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BM005249.D
 Acq: 05 May 2016 23:53

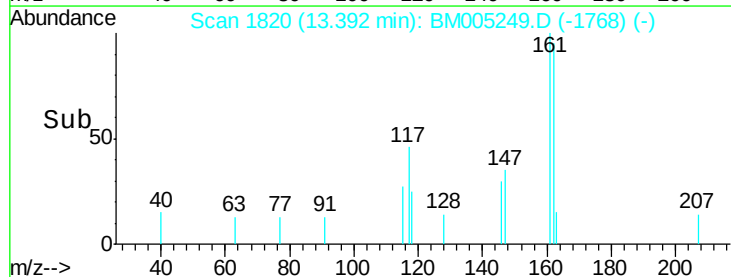
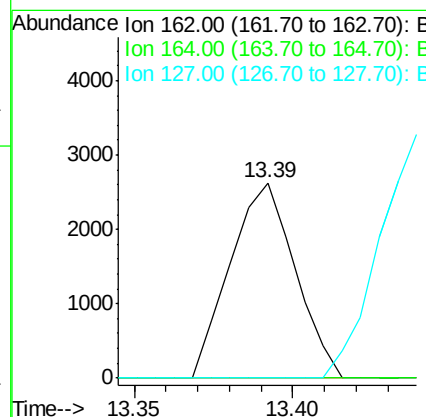
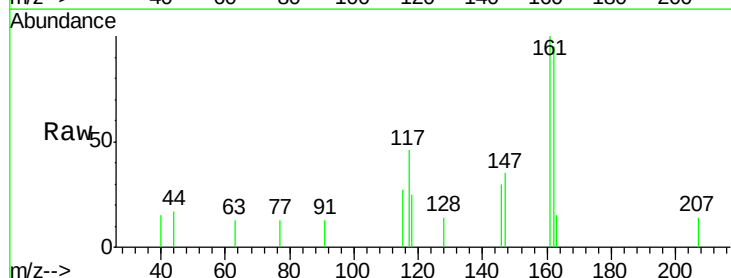
Instrument :
 BNA_M
 ClientSampleId :
 BC7R9

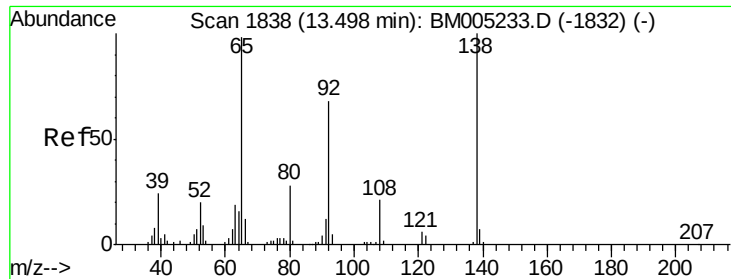
Tgt Ion:154 Resp: 393984
 Ion Ratio Lower Upper
 154 100
 153 39.9 32.1 48.1
 76 12.8 10.6 15.8



#41
 2-Chloronaphthalene
 Concen: 0.24 ng/ul
 RT: 13.39 min Scan# 1820
 Delta R.T. 0.11 min
 Lab File: BM005249.D
 Acq: 05 May 2016 23:53

Tgt Ion:162 Resp: 3736
 Ion Ratio Lower Upper
 162 100
 164 0.0 25.5 38.3#
 127 0.0 31.9 47.9#

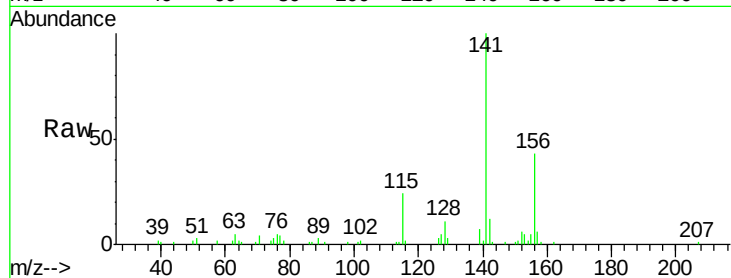




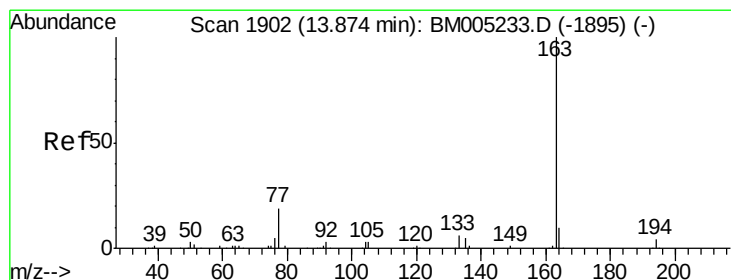
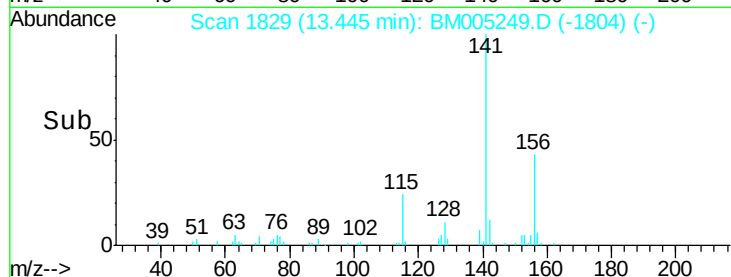
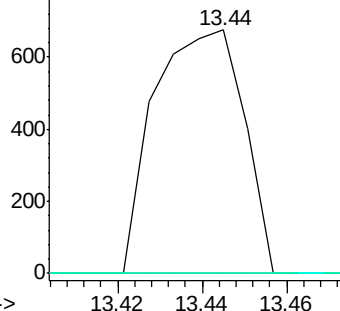
#42
2-Nitroaniline
Concen: 0.21 ng/ul
RT: 13.44 min Scan# 1829
Delta R.T. -0.05 min
Lab File: BM005249.D
Acq: 05 May 2016 23:53

Instrument :
BNA_M
ClientSampled :
BC7R9

Tgt Ion: 65 Resp: 994
Ion Ratio Lower Upper
65 100
92 0.0 60.1 90.1#
138 0.0 84.0 126.0#

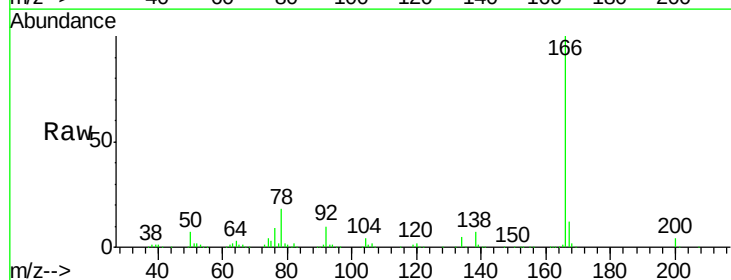


Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E

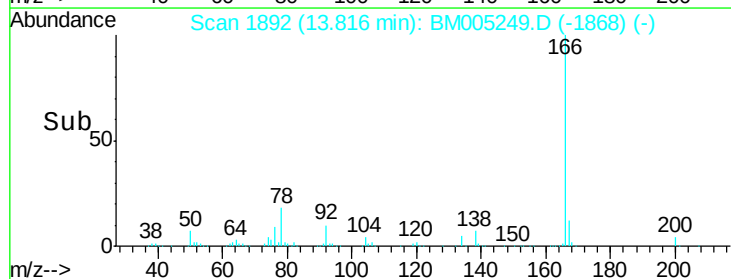
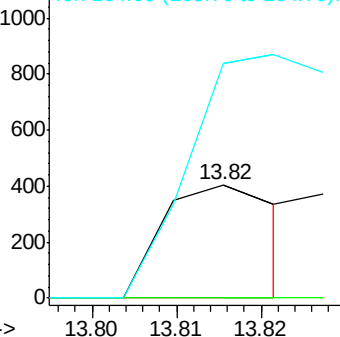


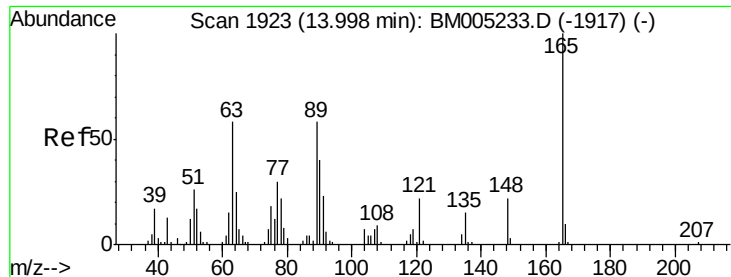
#44
Dimethylphthalate
Concen: 0.02 ng/ul
RT: 13.82 min Scan# 1892
Delta R.T. -0.06 min
Lab File: BM005249.D
Acq: 05 May 2016 23:53

Tgt Ion: 163 Resp: 385
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 206.7 7.9 11.9#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

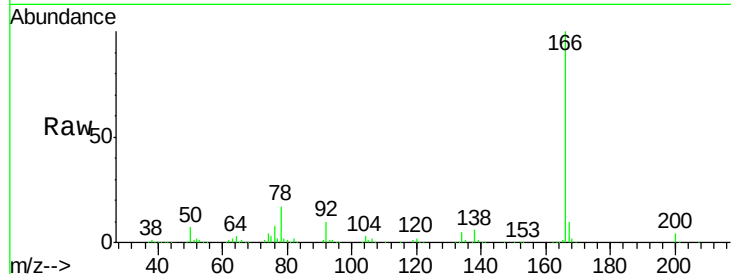




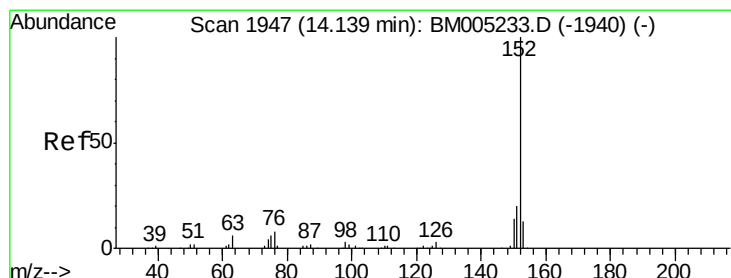
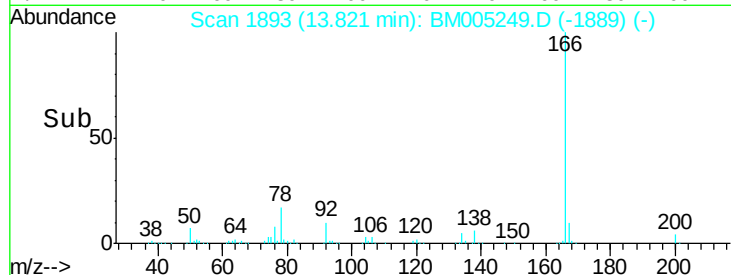
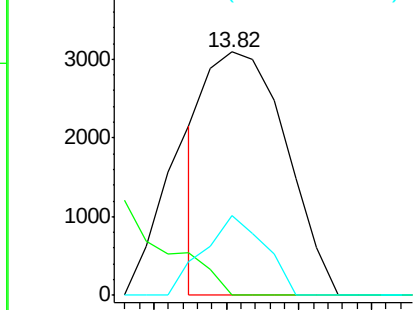
#45
 2,6-Dinitrotoluene
 Concen: 1.17 ng/ul
 RT: 13.82 min Scan# 1893
 Delta R.T. -0.18 min
 Lab File: BM005249.D
 Acq: 05 May 2016 23:53

Instrument :
 BNA_M
 ClientSampleId :
 BC7R9

Tgt Ion:165 Resp: 4778
 Ion Ratio Lower Upper
 165 100
 89 0.0 52.2 78.4#
 121 32.6 21.0 31.4#

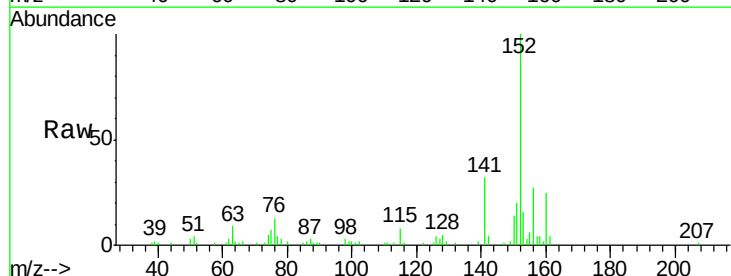


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM
 Ion 121.00 (120.70 to 121.70): E

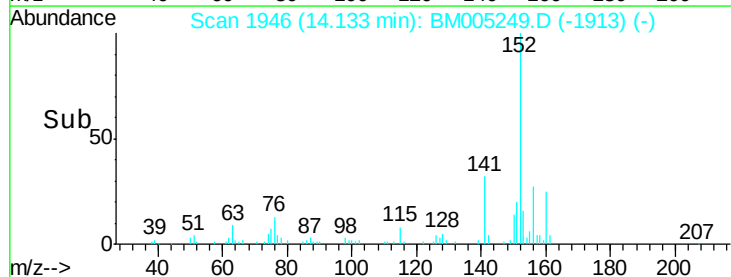
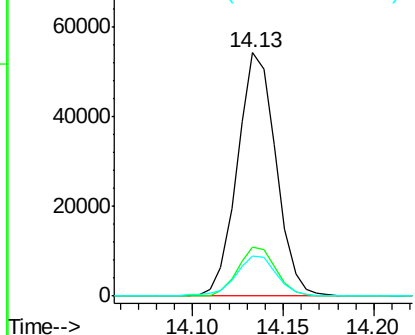


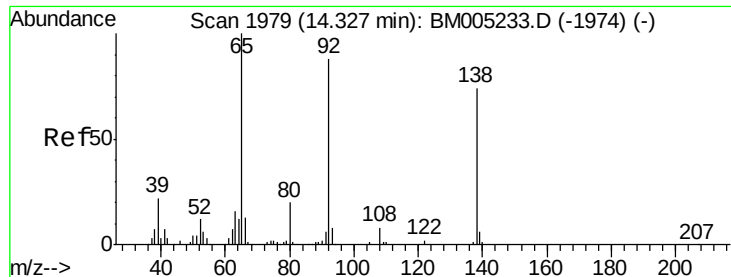
#47
 Acenaphthylene
 Concen: 3.12 ng/ul
 RT: 14.13 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BM005249.D
 Acq: 05 May 2016 23:53

Tgt Ion:152 Resp: 80163
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.0 24.0
 153 16.4 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

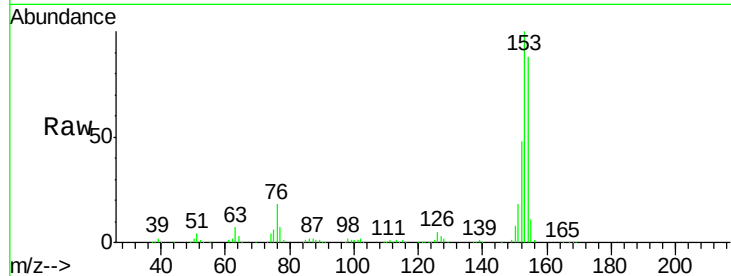




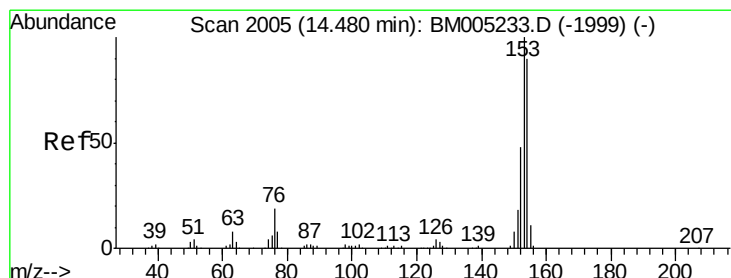
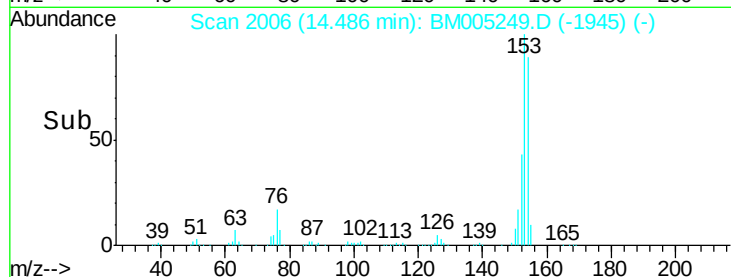
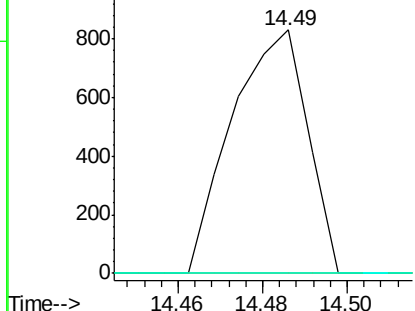
#48
3-Nitroaniline
Concen: 0.24 ng/ul
RT: 14.49 min Scan# 2006
Delta R.T. 0.16 min
Lab File: BM005249.D
Acq: 05 May 2016 23:53

Instrument :
BNA_M
ClientSampleId :
BC7R9

Tgt Ion:138 Resp: 1036
Ion Ratio Lower Upper
138 100
108 0.0 8.6 13.0#
92 0.0 93.5 140.3#

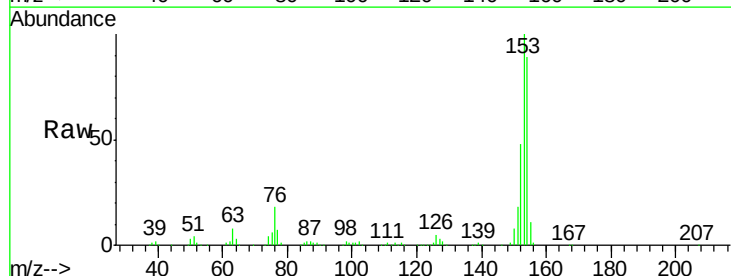


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

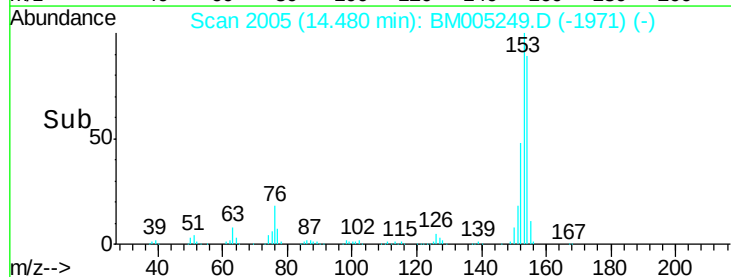
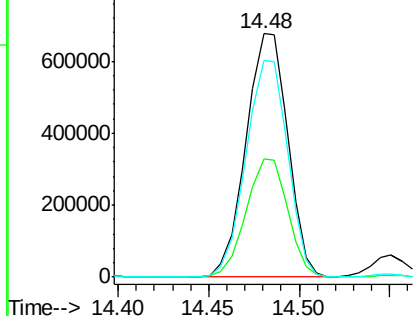


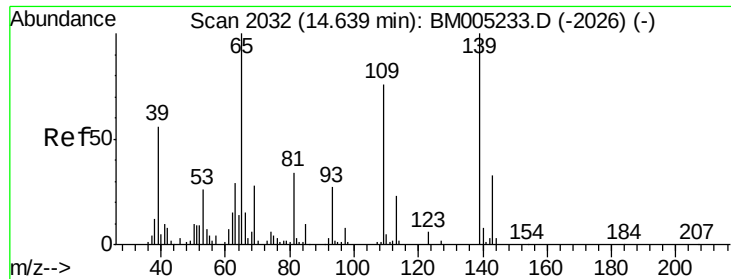
#49
Acenaphthene
Concen: 64.30 ng/ul
RT: 14.48 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BM005249.D
Acq: 05 May 2016 23:53

Tgt Ion:153 Resp: 1087391
Ion Ratio Lower Upper
153 100
152 48.5 38.9 58.3
154 89.1 70.3 105.5



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 0.53 ng/ul

RT: 14.48 min Scan# 2005

Delta R.T. -0.16 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

Instrument :

BNA_M

ClientSampleId :

BC7R9

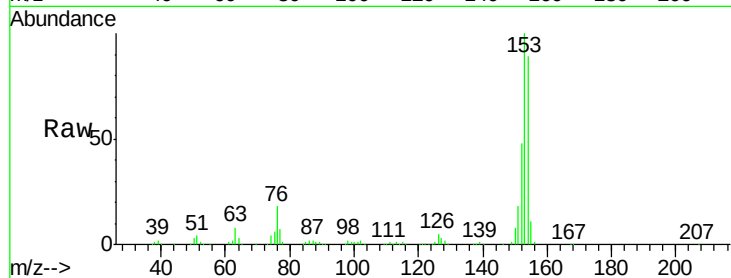
Tgt Ion:109 Resp: 1676

Ion Ratio Lower Upper

109 100

139 439.0 103.6 155.4#

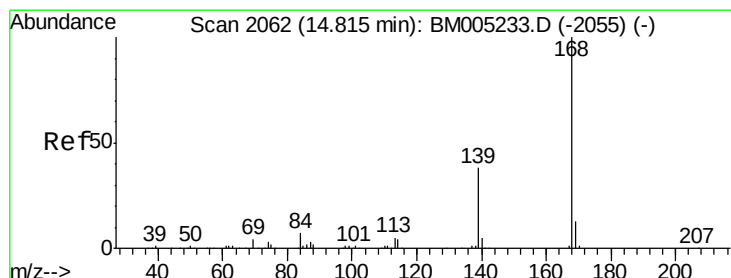
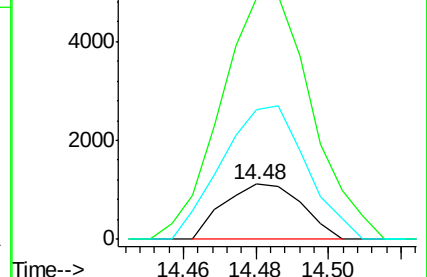
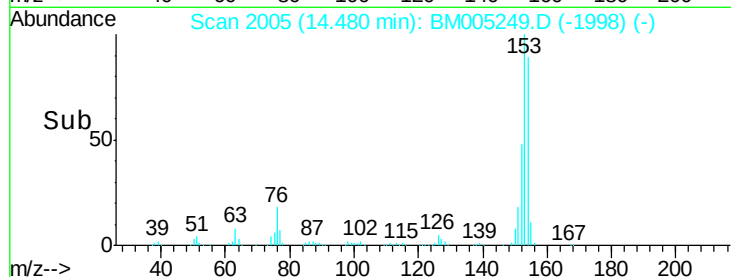
65 236.6 104.7 157.1#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 42.02 ng/ul

RT: 14.82 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BM005249.D

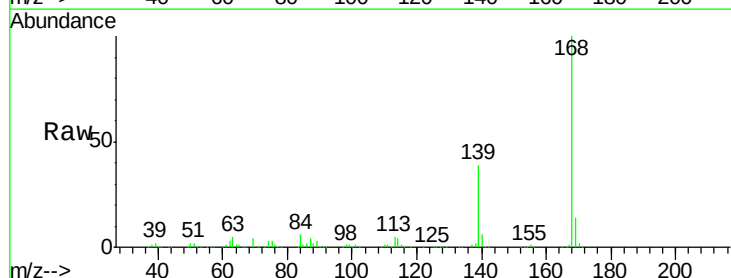
Acq: 05 May 2016 23:53

Tgt Ion:168 Resp: 1031089

Ion Ratio Lower Upper

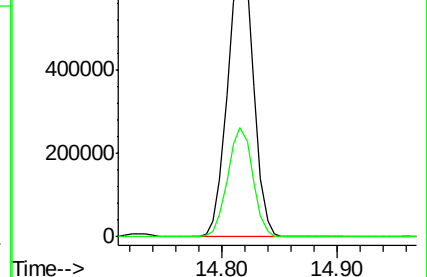
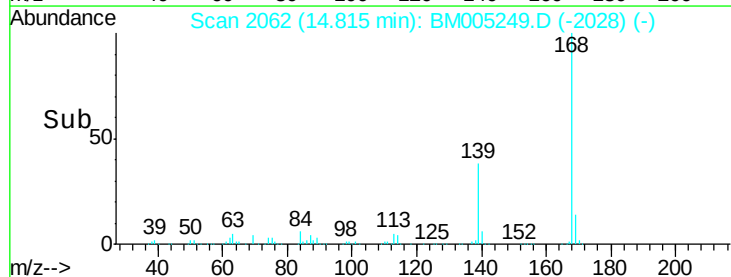
168 100

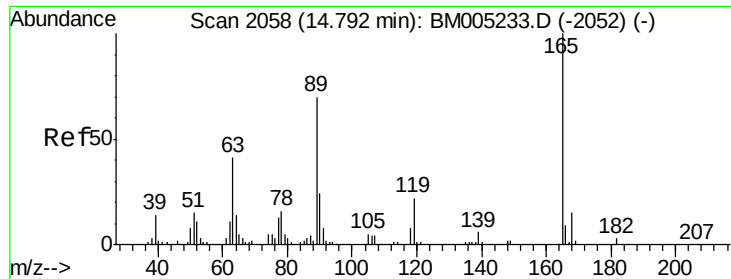
139 38.5 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

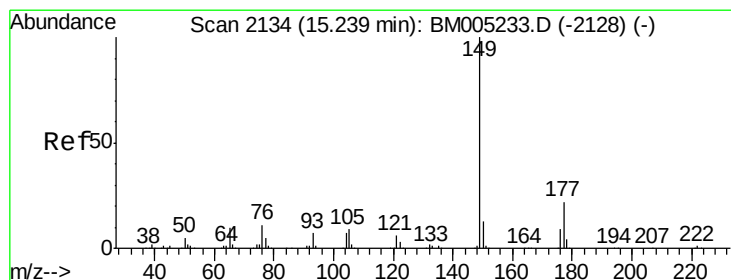
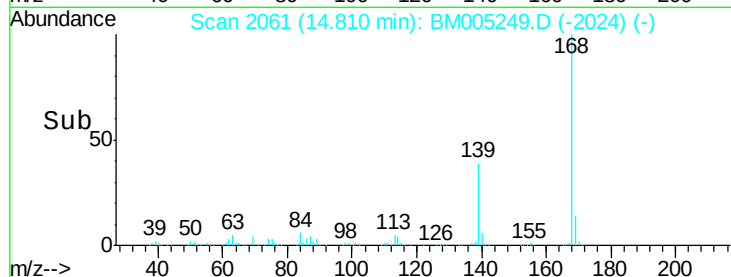
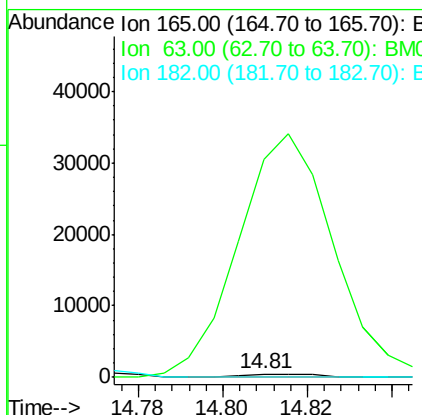
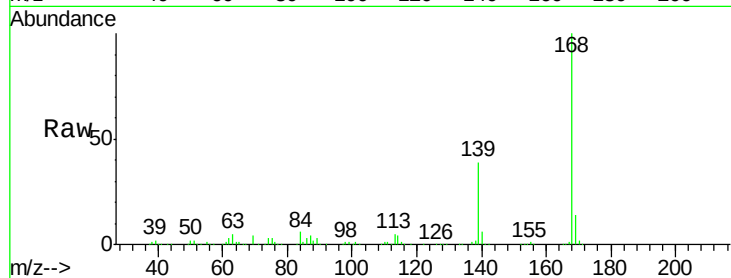




#54
2,4-Dinitrotoluene
Concen: 0.09 ng/ul
RT: 14.81 min Scan# 2061
Delta R.T. 0.02 min
Lab File: BM005249.D
Acq: 05 May 2016 23:53

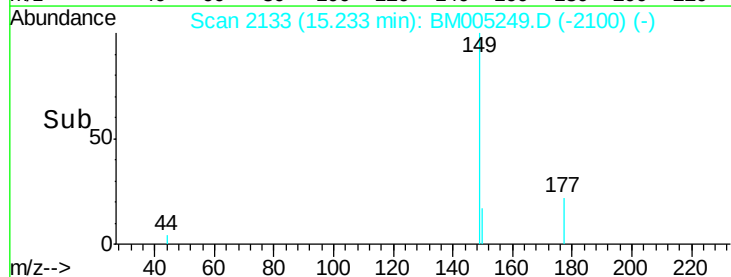
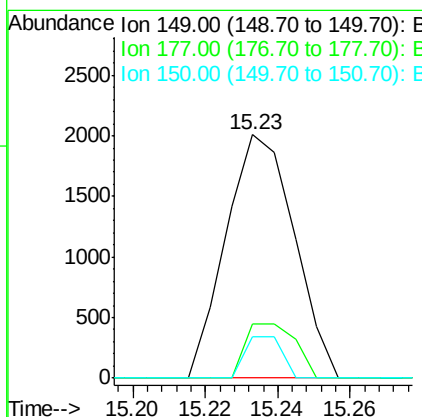
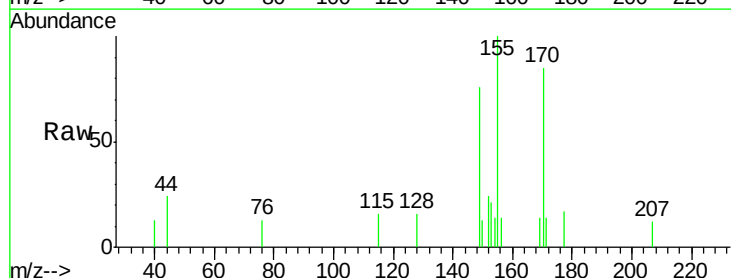
Instrument :
BNA_M
ClientSampleId :
BC7R9

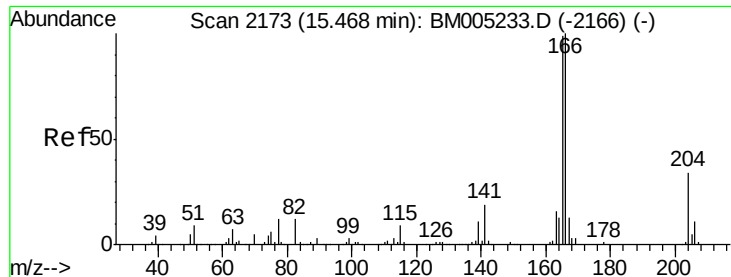
Tgt Ion:165 Resp: 523
Ion Ratio Lower Upper
165 100
63 6507.5 36.2 54.4#
182 0.0 2.5 3.7#



#56
Diethylphthalate
Concen: 0.13 ng/ul
RT: 15.23 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM005249.D
Acq: 05 May 2016 23:53

Tgt Ion:149 Resp: 2629
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 17.0 9.8 14.8#





#58

Fluorene

Concen: 38.88 ng/ul

RT: 15.47 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

Instrument :

BNA_M

ClientSampleId :

BC7R9

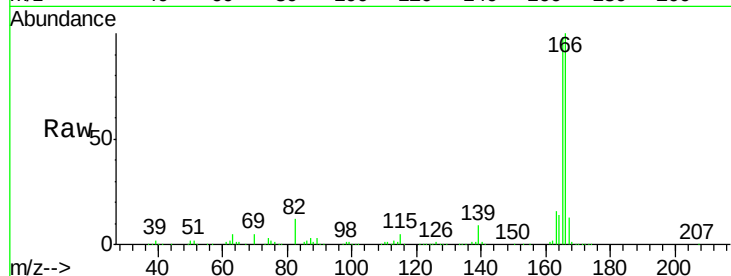
Tgt Ion:166 Resp: 745799

Ion Ratio Lower Upper

166 100

165 98.0 77.9 116.9

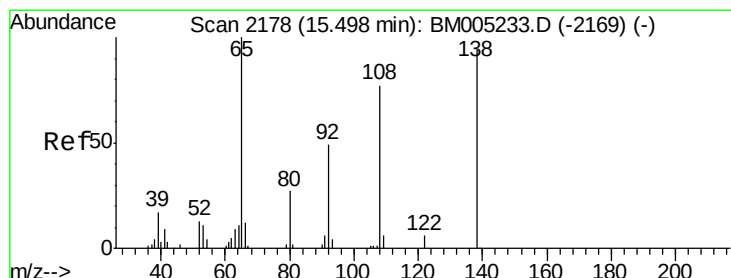
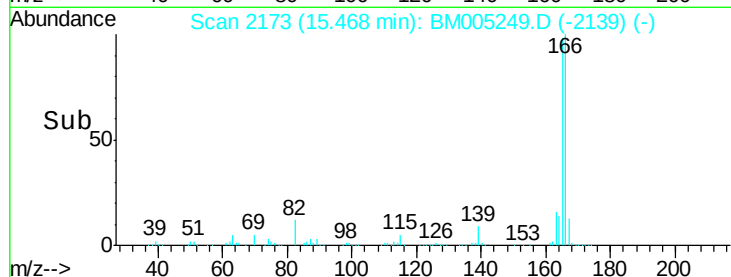
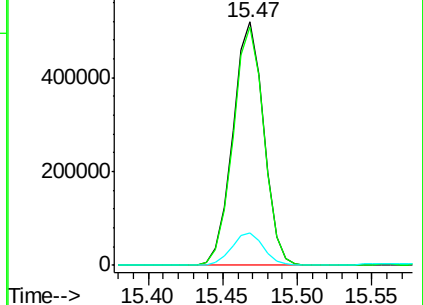
167 13.4 10.6 16.0



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: 1.80 ng/ul

RT: 15.47 min Scan# 2173

Delta R.T. -0.03 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

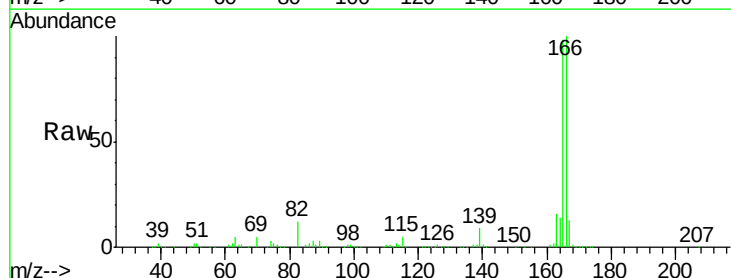
Tgt Ion:138 Resp: 8269

Ion Ratio Lower Upper

138 100

92 0.0 44.3 66.5#

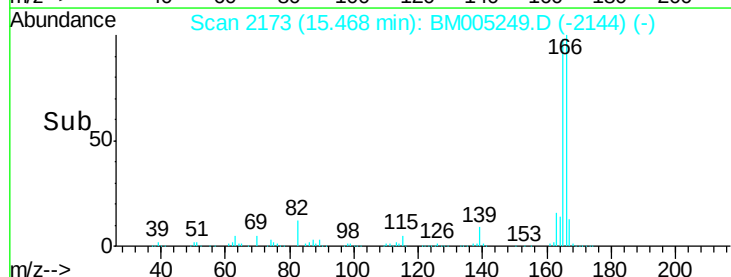
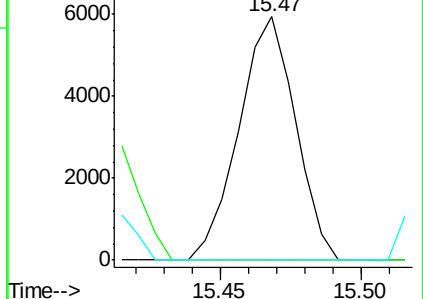
108 0.0 66.3 99.5#

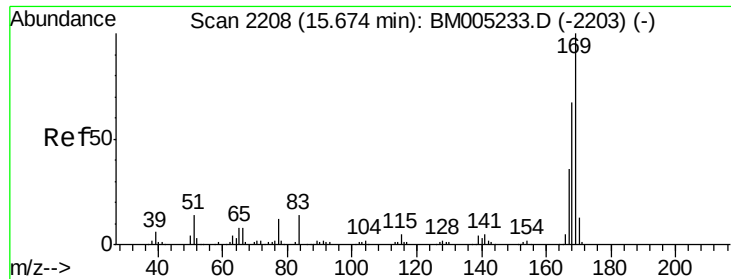


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#64

N-Nitrosodiphenylamine

Concen: 0.10 ng/ul

RT: 15.67 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

Instrument :

BNA_M

ClientSampleId :

BC7R9

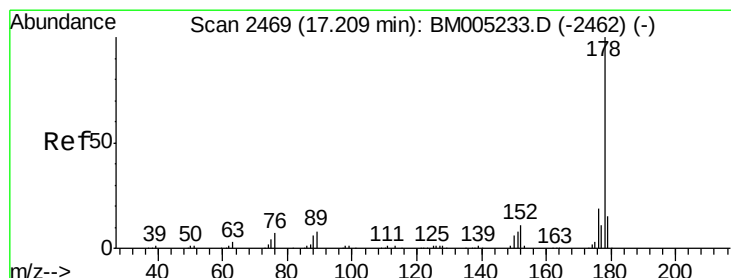
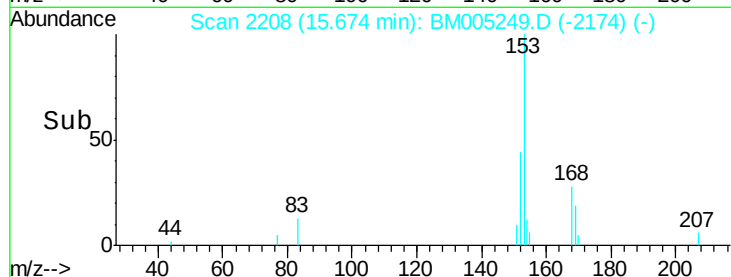
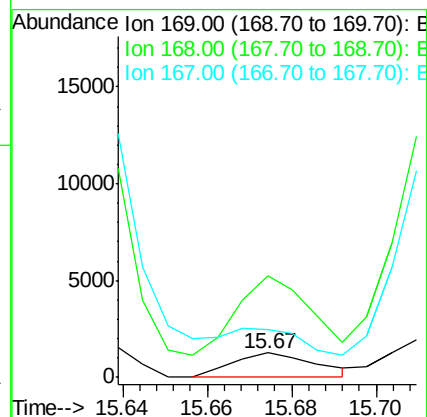
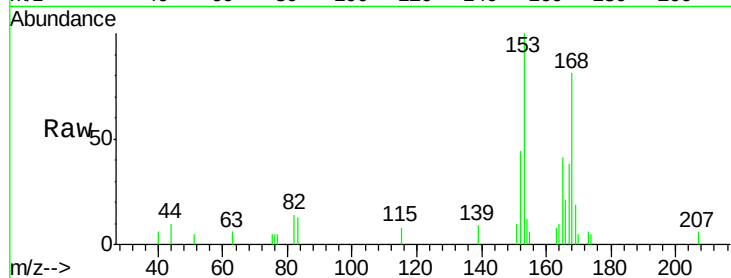
Tgt Ion:169 Resp: 1757

Ion Ratio Lower Upper

169 100

168 414.9 52.9 79.3#

167 195.8 28.2 42.4#



#69

Phenanthrene

Concen: 46.49 ng/ul

RT: 17.21 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

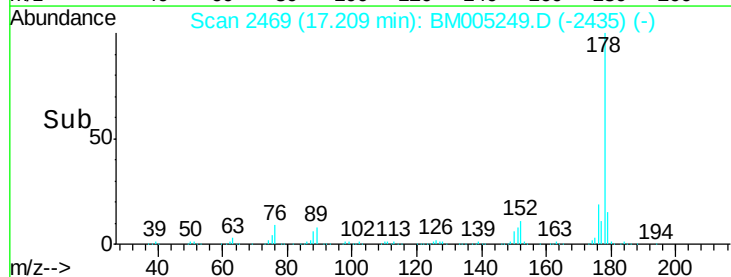
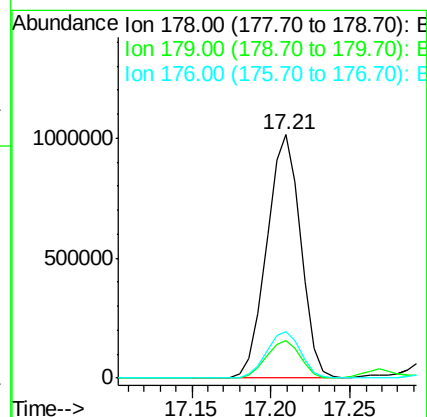
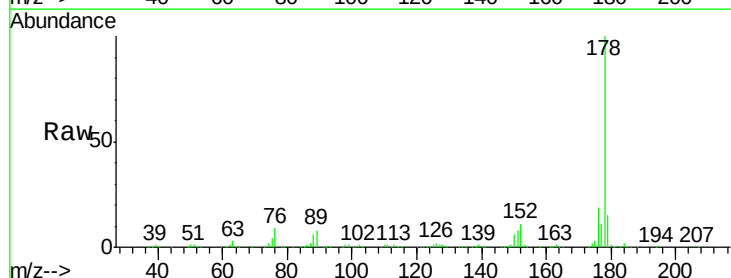
Tgt Ion:178 Resp: 1507195

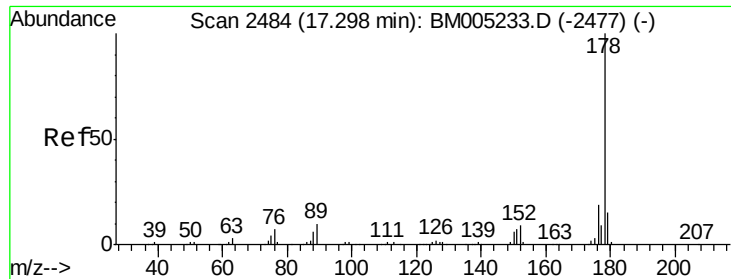
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.2 15.2 22.8

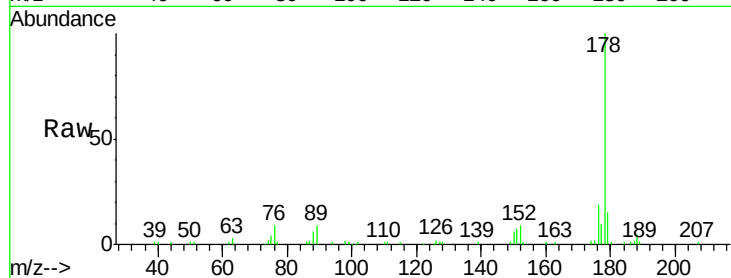




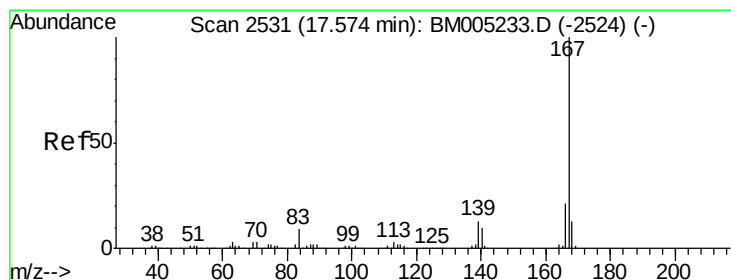
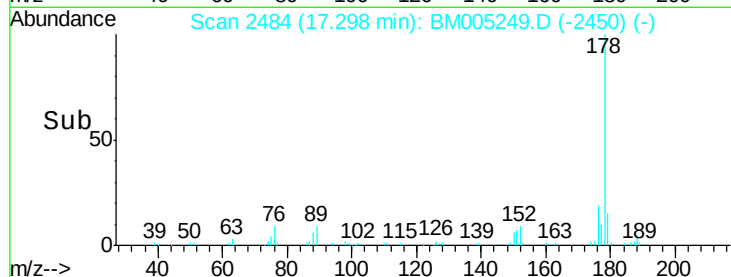
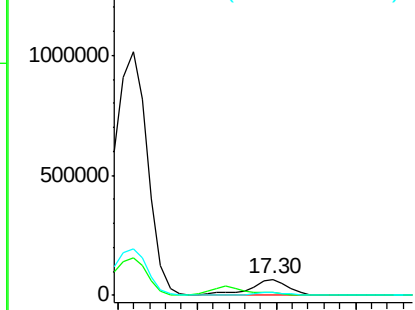
#71
 Anthracene
 Concen: 3.34 ng/ul
 RT: 17.30 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BM005249.D
 Acq: 05 May 2016 23:53

Instrument :
 BNA_M
 ClientSampleId :
 BC7R9

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.5	15.1	22.7

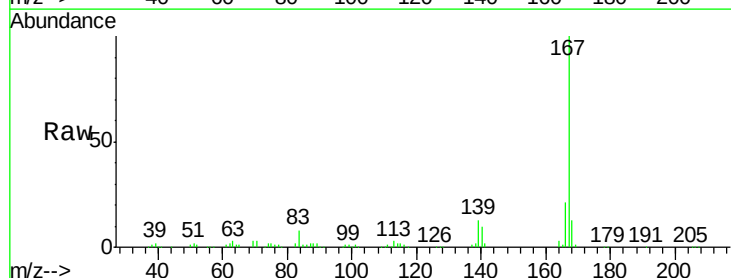


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

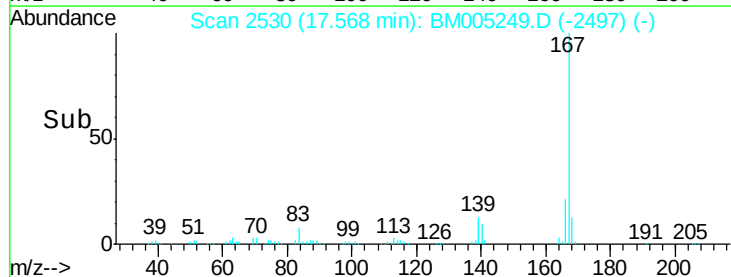
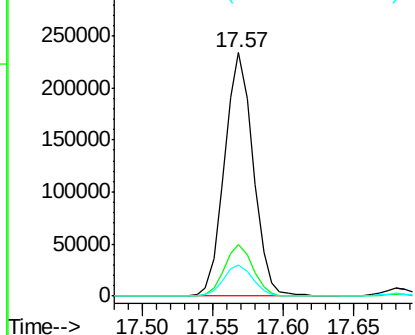


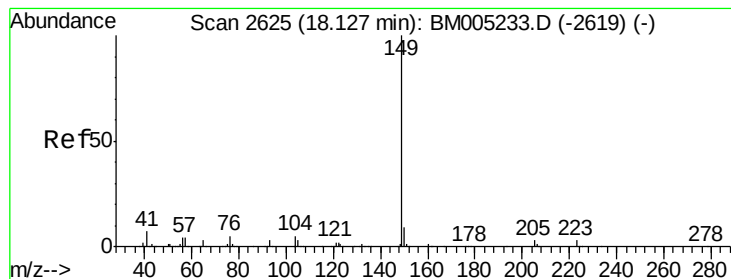
#72
 Carbazole
 Concen: 11.63 ng/ul
 RT: 17.57 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BM005249.D
 Acq: 05 May 2016 23:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.9	10.2	15.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 1.10 ng/ul

RT: 18.13 min Scan# 2625

Delta R.T. 0.00 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

Instrument :

BNA_M

ClientSampleId :

BC7R9

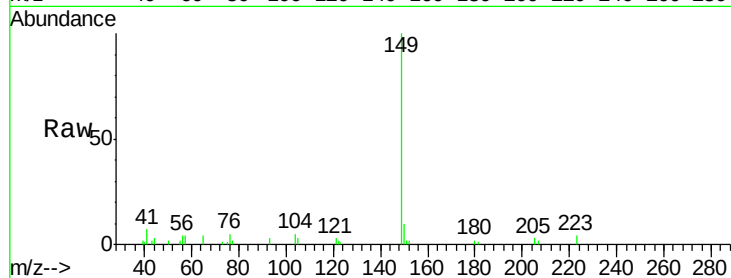
Tgt Ion:149 Resp: 38130

Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

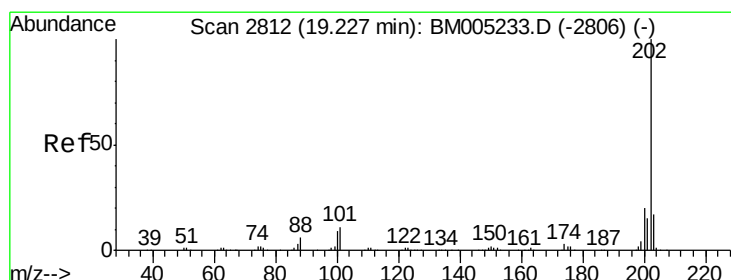
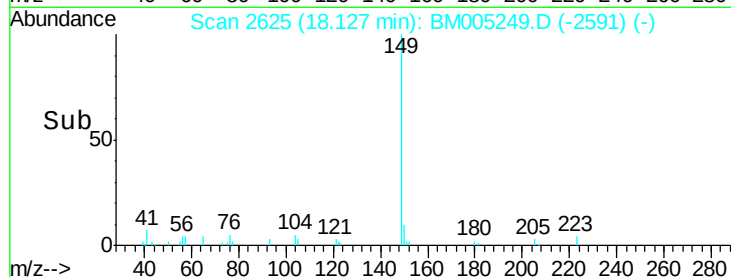
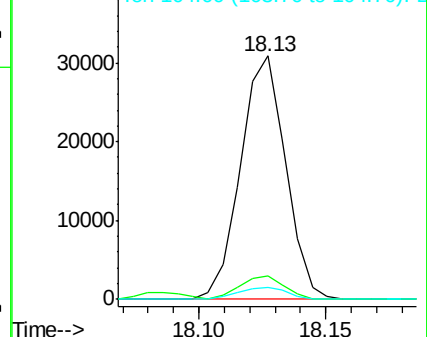
104 5.1 4.1 6.1



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: 6.76 ng/ul

RT: 19.22 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

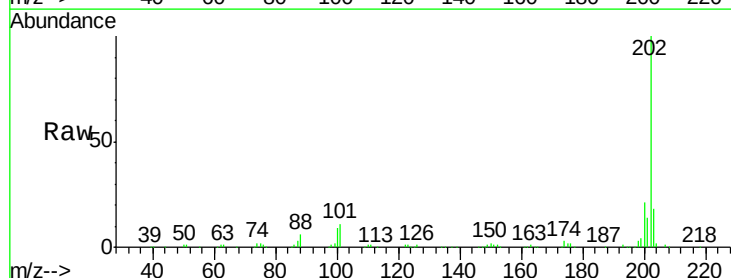
Tgt Ion:202 Resp: 242965

Ion Ratio Lower Upper

202 100

101 11.1 9.2 13.8

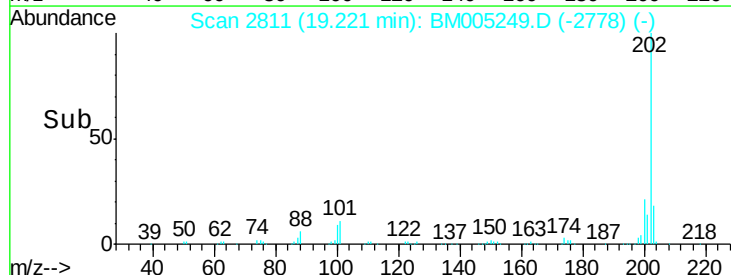
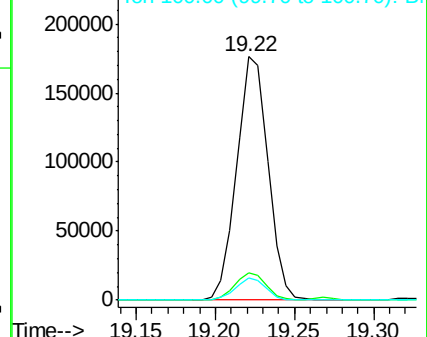
100 8.8 7.1 10.7

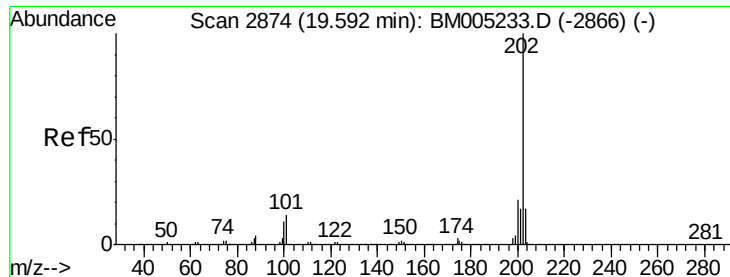


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

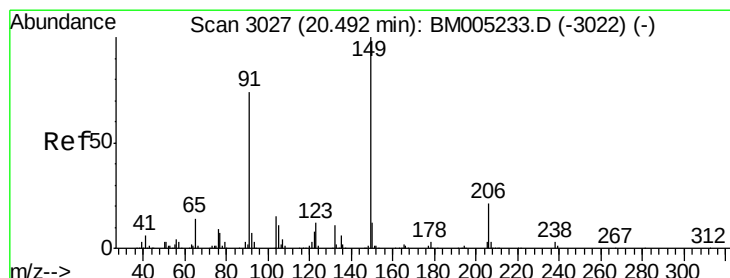
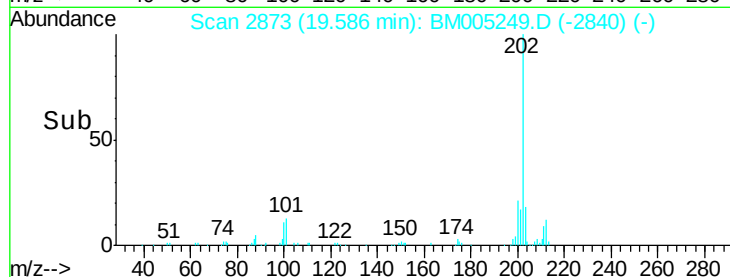
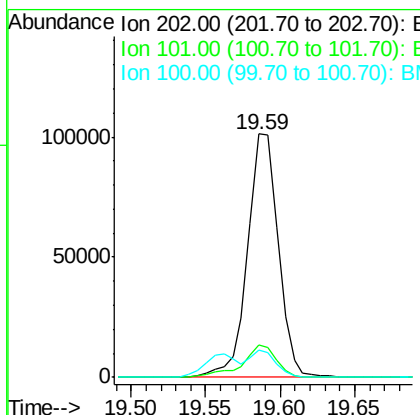
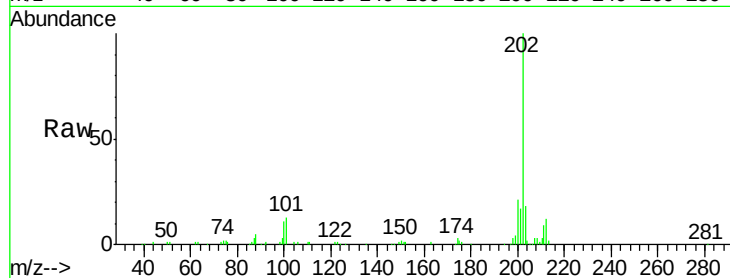




#77
 Pyrene
 Concen: 3.29 ng/ul
 RT: 19.59 min Scan# 2873
 Delta R.T. -0.01 min
 Lab File: BM005249.D
 Acq: 05 May 2016 23:53

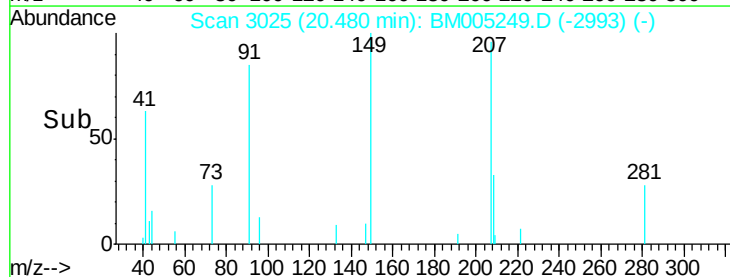
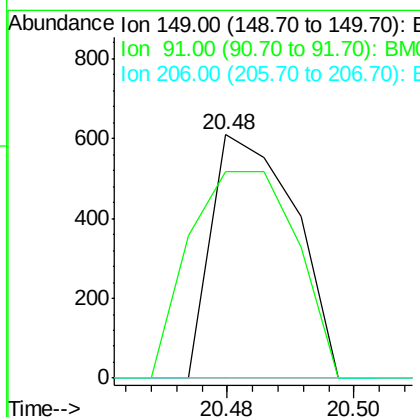
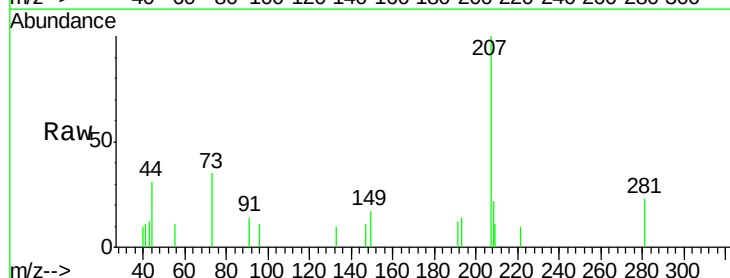
Instrument :
 BNA_M
 ClientSampleId :
 BC7R9

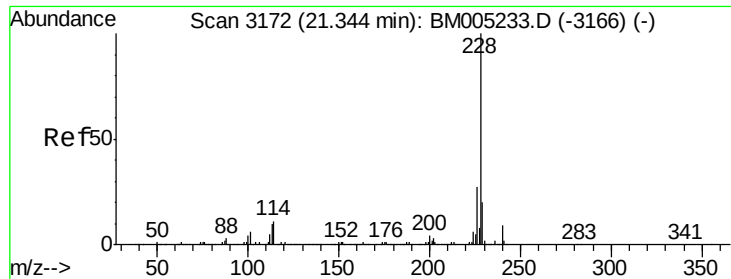
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.8	16.2
100	11.3	8.4	12.6



#78
 Butylbenzylphthalate
 Concen: 0.03 ng/ul
 RT: 20.48 min Scan# 3025
 Delta R.T. -0.01 min
 Lab File: BM005249.D
 Acq: 05 May 2016 23:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	84.9	58.4	87.6
206	0.0	17.3	25.9#





#80

Benzo(a)anthracene

Concen: 0.11 ng/ul

RT: 21.34 min Scan# 3172

Delta R.T. 0.00 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

Instrument :

BNA_M

ClientSampled :

BC7R9

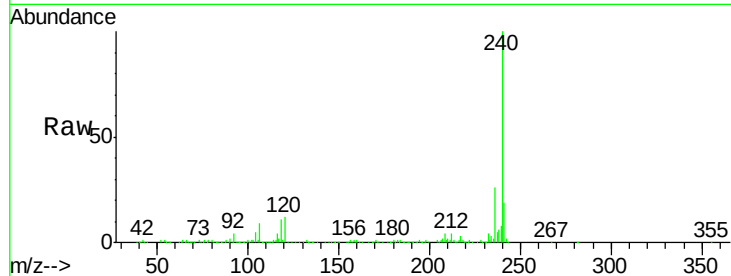
Tgt Ion:228 Resp: 4589

Ion Ratio Lower Upper

228 100

229 26.0 15.5 23.3#

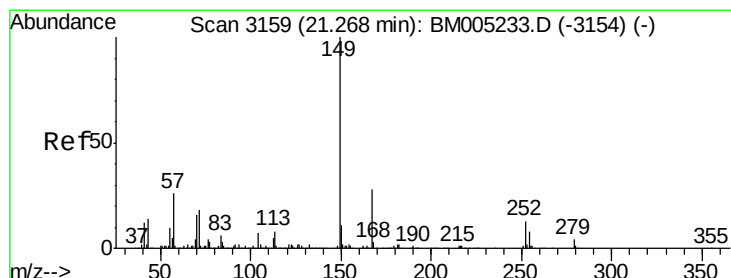
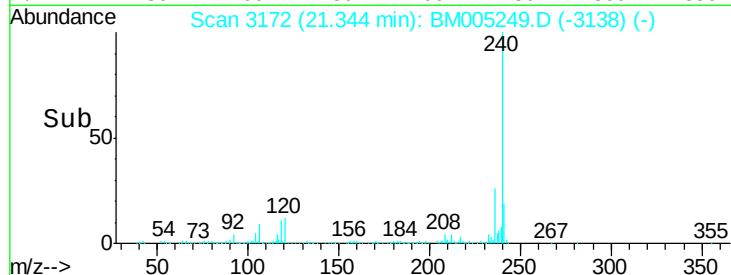
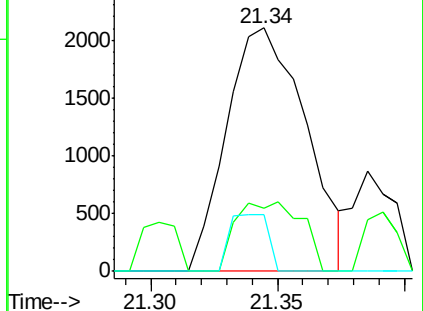
226 23.1 21.8 32.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 0.15 ng/ul

RT: 21.26 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

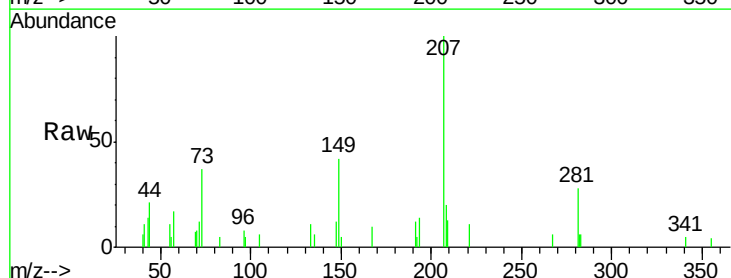
Tgt Ion:149 Resp: 3707

Ion Ratio Lower Upper

149 100

167 24.5 21.9 32.9

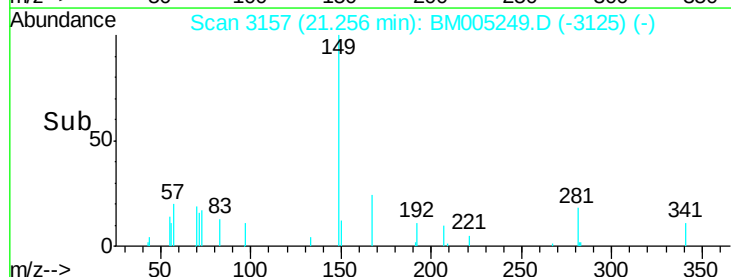
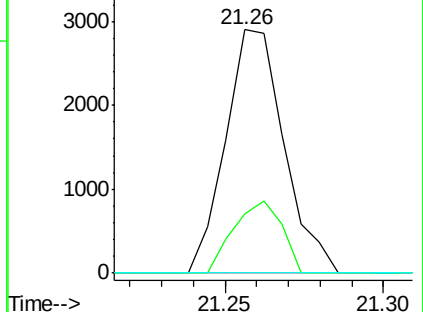
279 0.0 3.0 4.4#

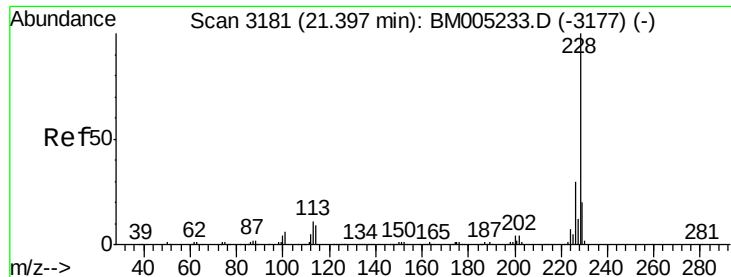


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 0.02 ng/ul

RT: 21.39 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

Instrument :

BNA_M

ClientSampleId :

BC7R9

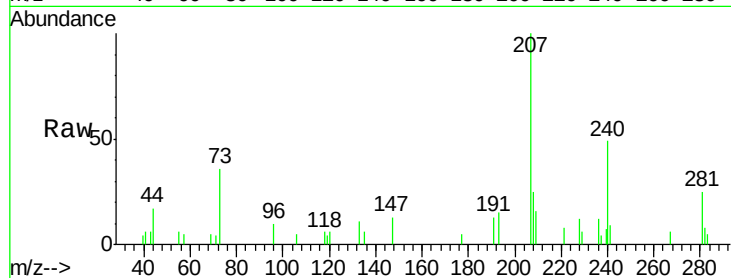
Tgt Ion:228 Resp: 946

Ion Ratio Lower Upper

228 100

226 0.0 23.6 35.4#

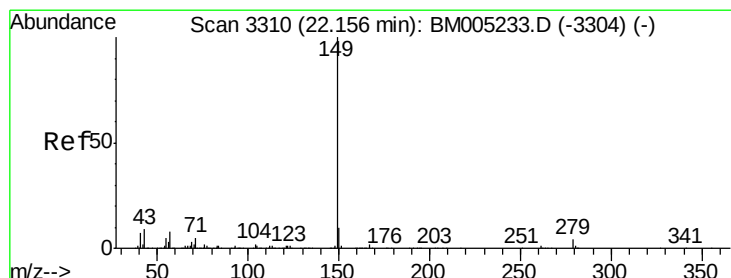
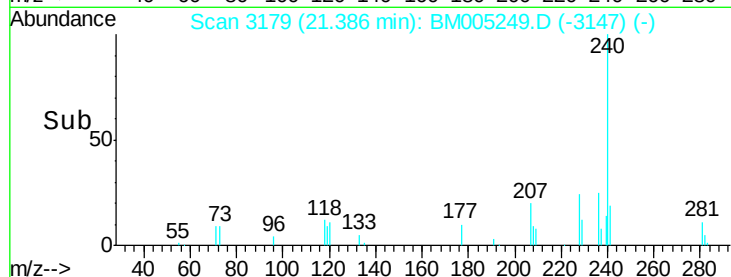
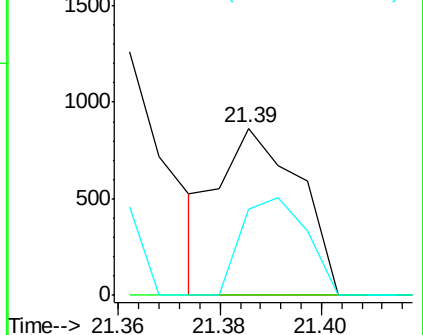
229 51.3 15.4 23.0#



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: BM005249.D

Acq: 05 May 2016 23:53

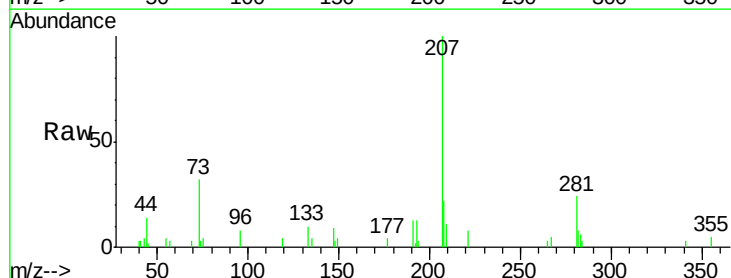
Tgt Ion:149 Resp: 234

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

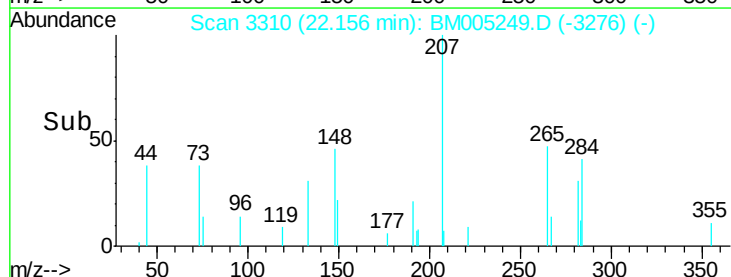
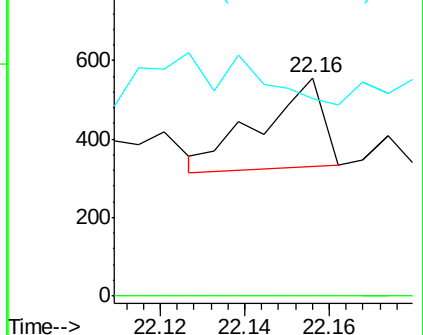
43 90.5 7.4 11.0#

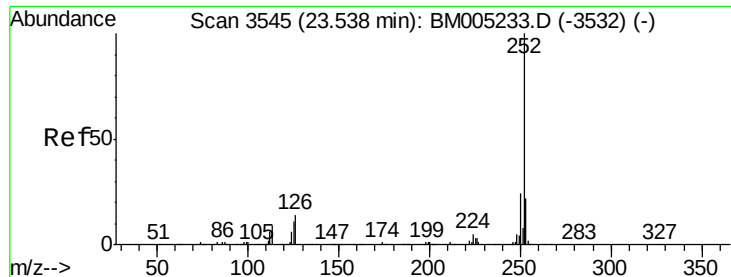


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#88

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.52 min Scan# 3542

Delta R.T. -0.02 min

Lab File: BM005249.D

Acq: 05 May 2016 23:53

Instrument :

BNA_M

ClientSampleId :

BC7R9

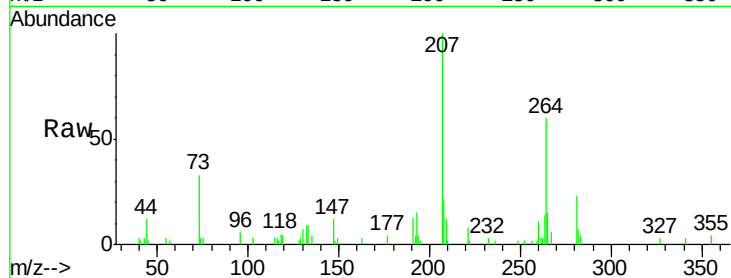
Tgt Ion:252 Resp: 116

Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

125 0.0 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

