

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079964.D
 Acq On : 13 Jun 2015 7:46
 Operator : TP/IZ
 Sample : G2599-03 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W3-6.5-7

Quant Time: Jun 15 00:54:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	42861	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	168415	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	95253	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	193219	20.00	ng	-0.03
75) Chrysene-d12	15.12	240	5621	20.00	ng	-0.02
86) Perylene-d12	17.06	264	5639	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	146836	62.82	ng	0.00
7) Phenol-d6	6.97	99	186747	58.64	ng	0.00
23) Nitrobenzene-d5	7.93	82	100952	39.55	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	40737	44.47	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	220214	32.37	ng	0.00
78) Terphenyl-d14	13.59	244	272957	1119.56	ng	-0.18
Target Compounds						Qvalue
31) Naphthalene	8.68	128	191904	20.85	ng	99
32) Benzoic acid	8.30	122	636	9.05	ng	# 1
33) 4-Chloroaniline	8.68	127	23685	6.63	ng	# 28
37) 2-Methylnaphthalene	9.38	142	49052	7.89	ng	95
45) 1,1'-Biphenyl	9.85	154	16537	2.15	ng	93
47) 2-Nitroaniline	9.85	65	259	4.45	ng	# 14
49) Dimethylphthalate	10.12	163	57602	7.55	ng	# 99
50) 2,6-Dinitrotoluene	10.12	165	815	3.59	ng	# 1
51) Acenaphthene	10.48	154	240090	38.13	ng	99
54) Dibenzofuran	10.65	168	143398	15.59	ng	# 89
55) 4-Nitrophenol	10.48	139	2104	4.23	ng	# 25
56) 2,4-Dinitrotoluene	10.60	165	2400	5.98	ng	# 41
57) Fluorene	10.99	166	187988	23.44	ng	99
61) 4-Nitroaniline	10.99	138	1777	4.05	ng	# 19
70) Phenanthrene	11.98	178	1828580	158.79	ng	96
71) Anthracene	12.02	178	583589	52.37	ng	100
72) Carbazole	12.17	167	261283	24.18	ng	100
74) Fluoranthene	13.21	202	2076891	163.15	ng	98
76) Benzidine	13.38	184	947	6.08	ng	# 58
77) Pyrene	13.45	202	1767546	5006.70	ng	97
79) Butylbenzylphthalate	14.38	149	997	8.36	ng	# 64
80) Benzo(a)anthracene	15.02	228	6026	16.88	ng	# 1
81) 3,3'-Dichlorobenzidine	15.03	252	946	8.29	ng	# 1
82) Chrysene	15.27	228	5057	15.21	ng	# 1
83) Bis(2-ethylhexyl)phthalate	15.03	149	1592	8.34	ng	# 80
84) Di-n-octyl phthalate	15.85	149	3934	12.64	ng	# 97
85) Indeno(1,2,3-cd)pyrene	19.11	276	362876	970.77	ng	97
87) Benzo(b)fluoranthene	16.58	252	700393	2027.07	ng	99
88) Benzo(k)fluoranthene	16.58	252	696381	1976.19	ng	99
89) Benzo(a)pyrene	16.97	252	970	2.95	ng	# 1
90) Dibenzo(a,h)anthracene	18.85	278	82007	253.89	ng	93
91) Benzo(g,h,i)perylene	19.42	276	106954	320.02	ng	# 94

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

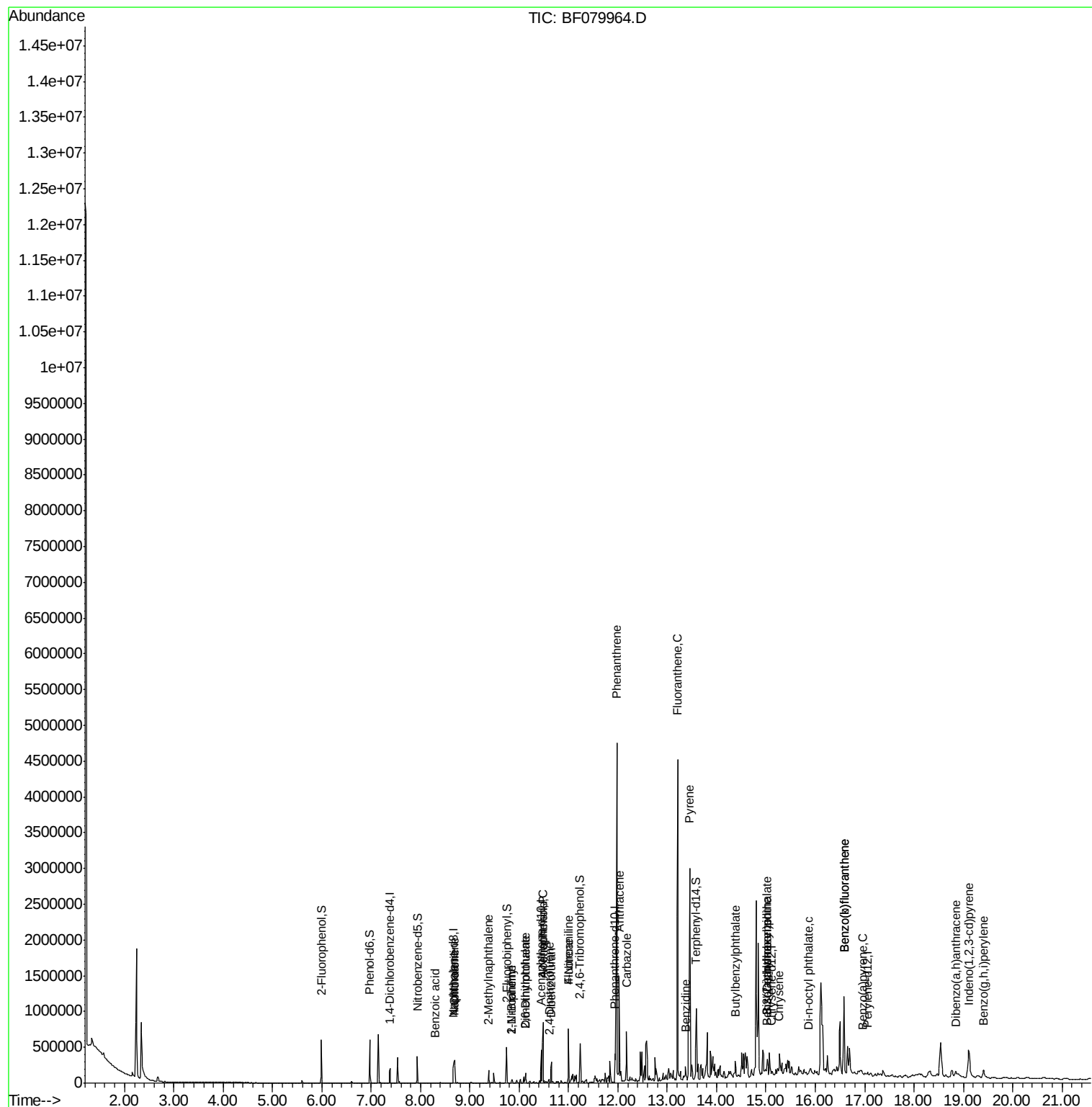
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

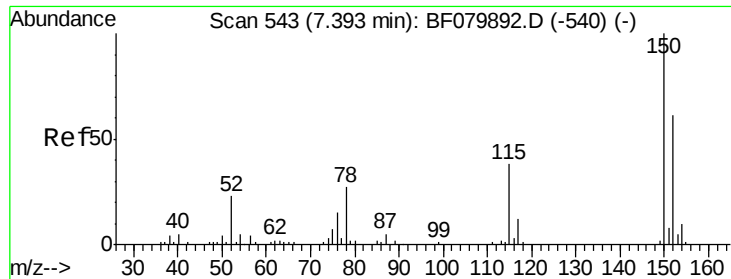
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
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 QLast Update : Fri Jun 12 22:57:49 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W3-6.5-7

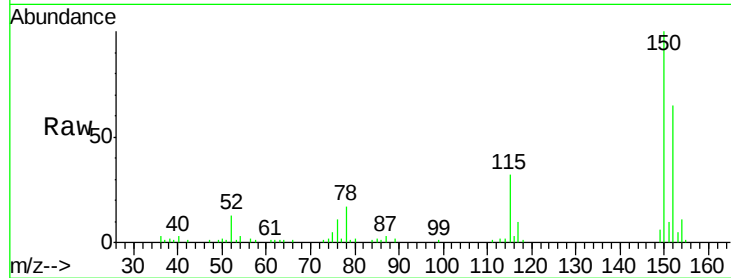
Tgt Ion:152 Resp: 42861

Ion Ratio Lower Upper

152 100

150 154.6 131.0 196.4

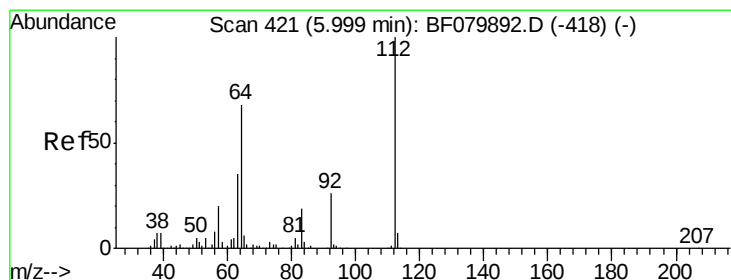
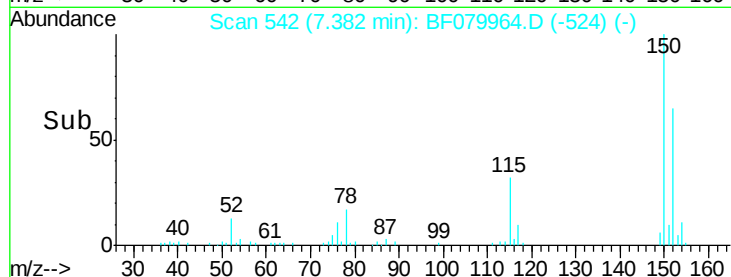
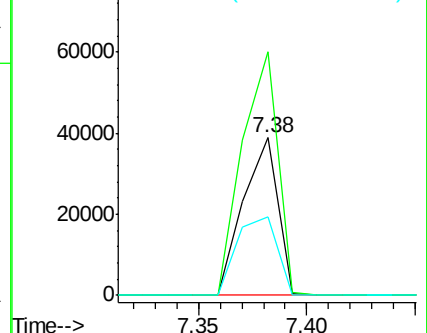
115 49.6 49.8 74.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 62.82 ng

RT: 5.99 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

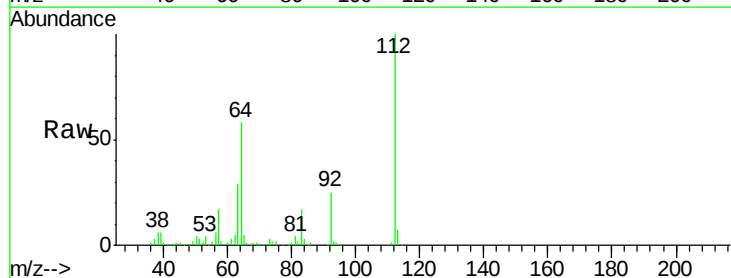
Tgt Ion:112 Resp: 146836

Ion Ratio Lower Upper

112 100

64 58.3 54.5 81.7

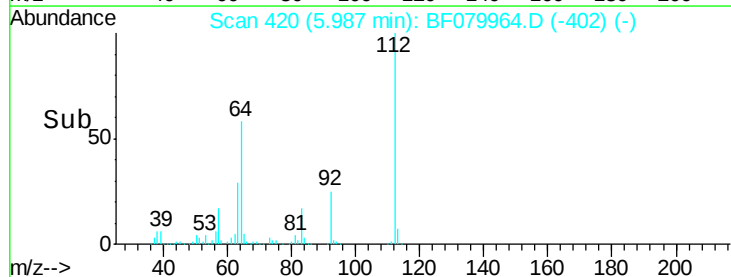
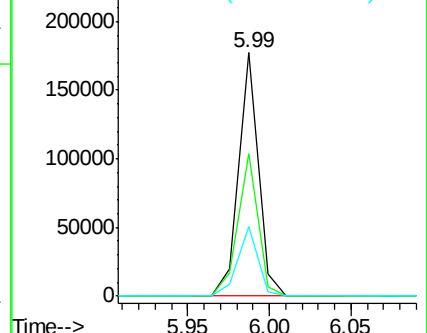
63 28.7 27.9 41.9

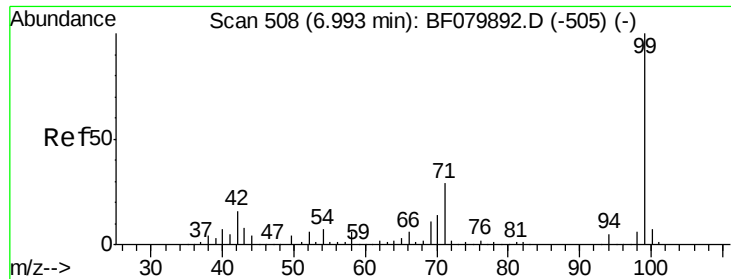


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 58.64 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W3-6.5-7

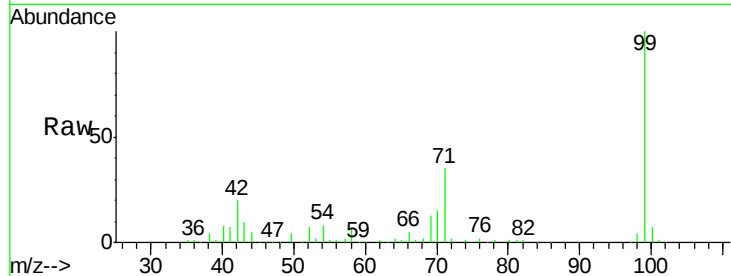
Tgt Ion: 99 Resp: 186747

Ion Ratio Lower Upper

99 100

42 20.4 12.9 19.3#

71 34.8 23.4 35.2

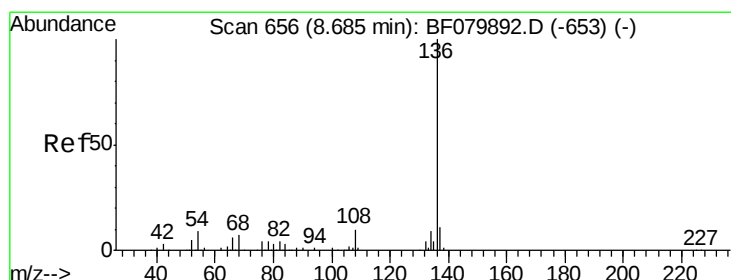
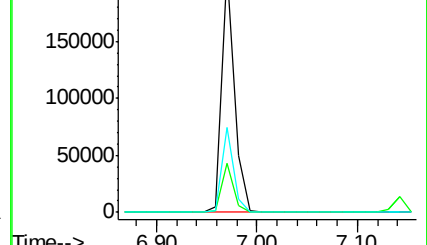
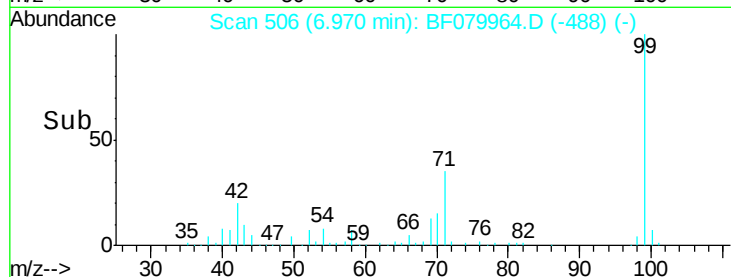


Abundance Ion 99.00 (98.70 to 99.70): BF079892.D (-505) (-)

Ion 42.00 (41.70 to 42.70): BF079892.D (-505) (-)

Ion 71.00 (70.70 to 71.70): BF079892.D (-505) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

Tgt Ion: 136 Resp: 168415

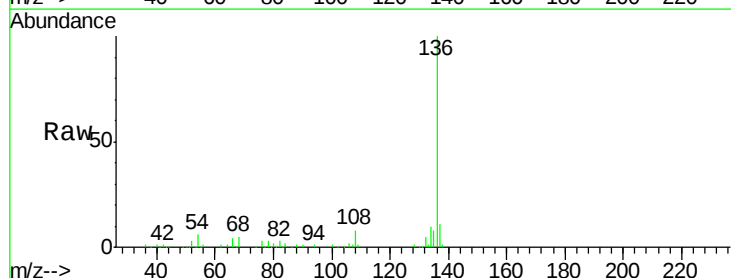
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.6 7.3 10.9#

68 4.5 5.9 8.9#



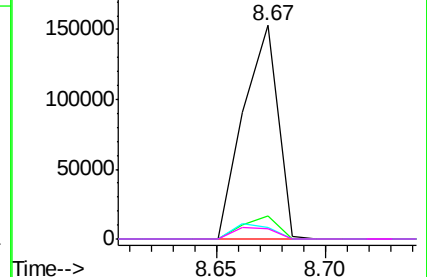
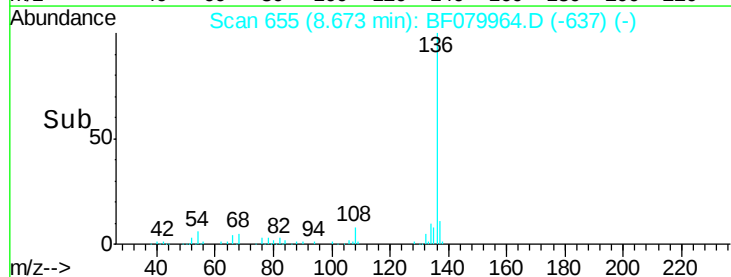
Abundance Ion 136.00 (135.70 to 136.70): BF079892.D (-653) (-)

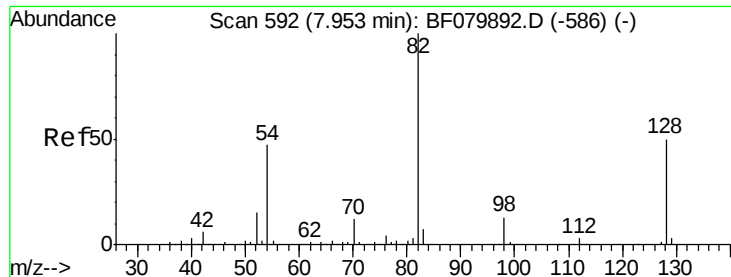
Ion 137.00 (136.70 to 137.70): BF079892.D (-653) (-)

Ion 54.00 (53.70 to 54.70): BF079892.D (-653) (-)

Ion 68.00 (67.70 to 68.70): BF079892.D (-653) (-)

Time-->

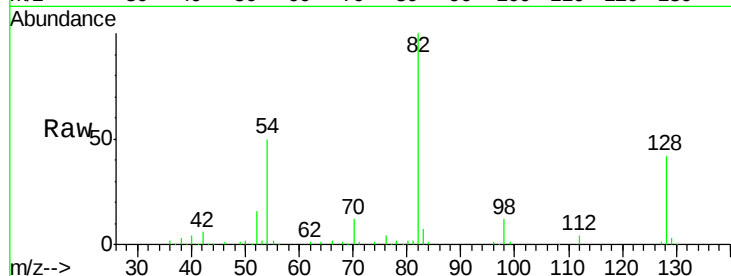




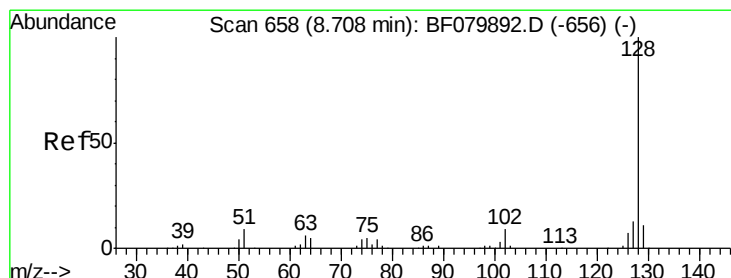
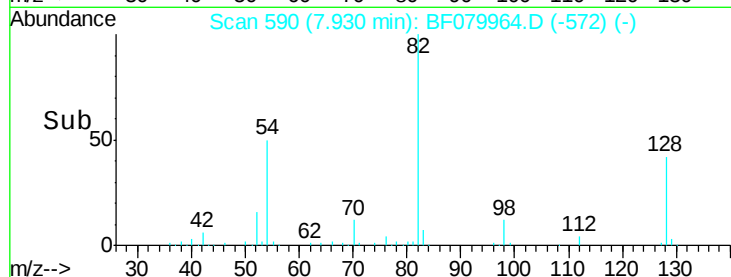
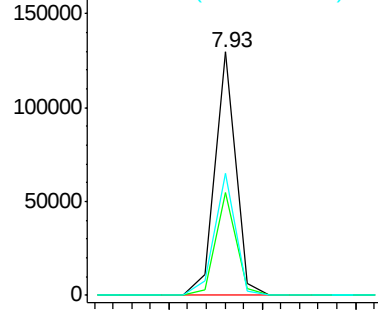
#23
 Nitrobenzene-d5
 Concen: 39.55 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079964.D
 Acq: 13 Jun 2015 7:46

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W3-6.5-7

Tgt Ion: 82 Resp: 100952
 Ion Ratio Lower Upper
 82 100
 128 42.0 40.3 60.5
 54 50.3 38.0 57.0

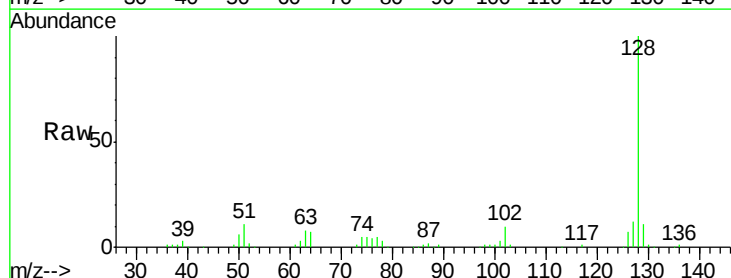


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

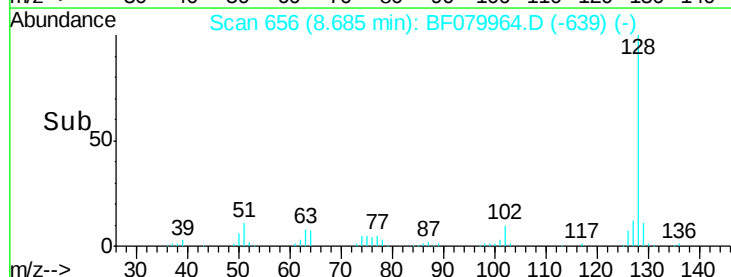
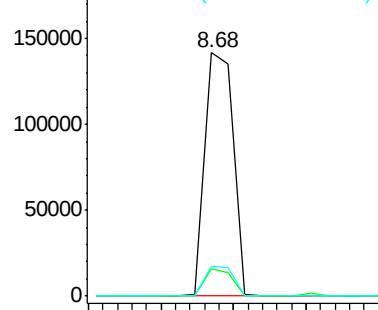


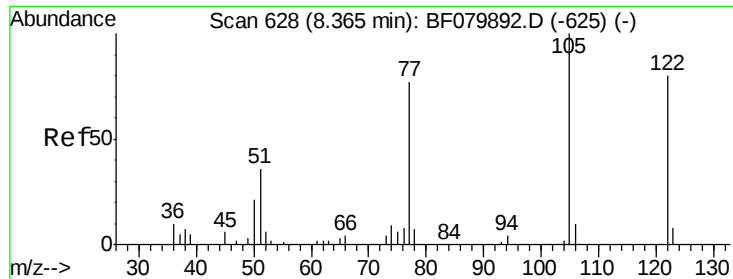
#31
 Naphthalene
 Concen: 20.85 ng
 RT: 8.68 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF079964.D
 Acq: 13 Jun 2015 7:46

Tgt Ion: 128 Resp: 191904
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.8 13.2
 127 12.4 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

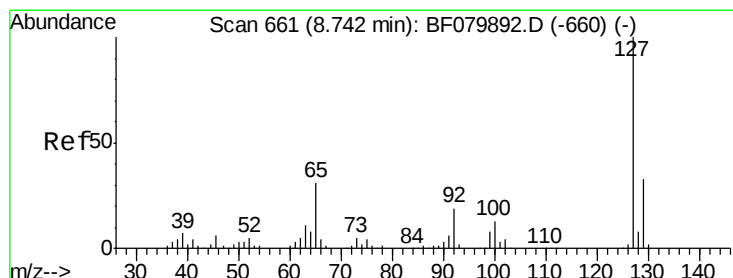
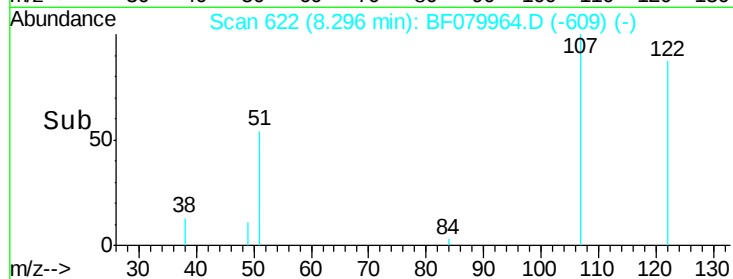
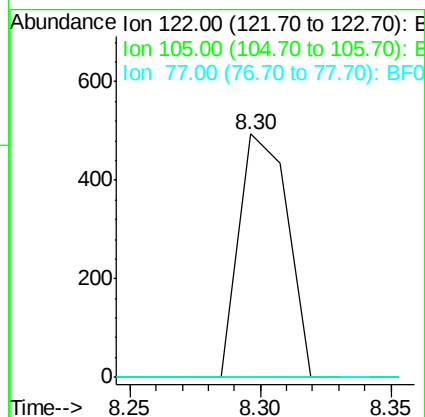
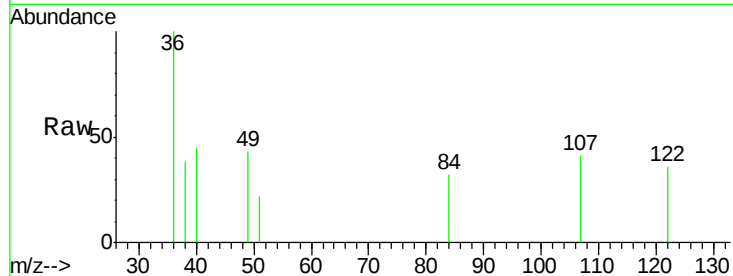




#32
Benzoic acid
Concen: 9.05 ng
RT: 8.30 min Scan# 622
Delta R.T. -0.06 min
Lab File: BF079964.D
Acq: 13 Jun 2015 7:46

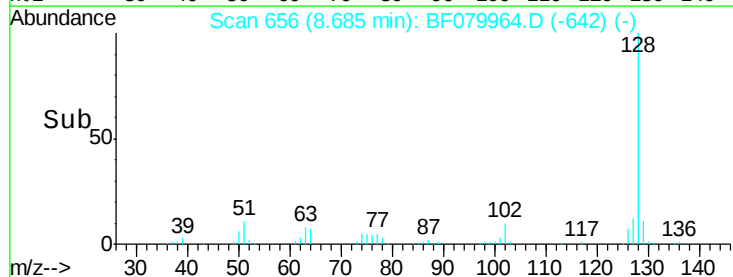
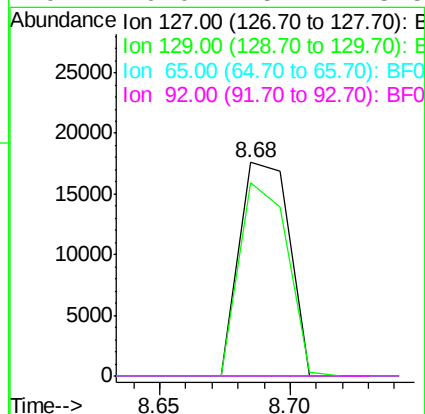
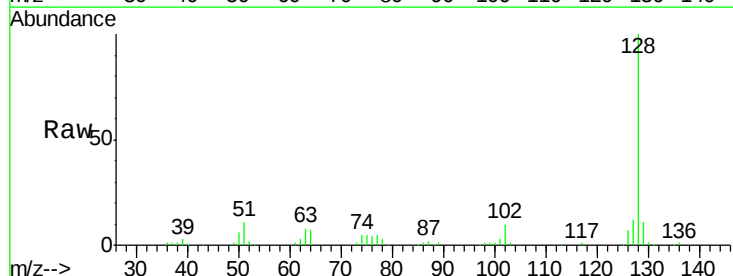
Instrument :
BNA_F
ClientSampleId :
VALHALLA-W3-6.5-7

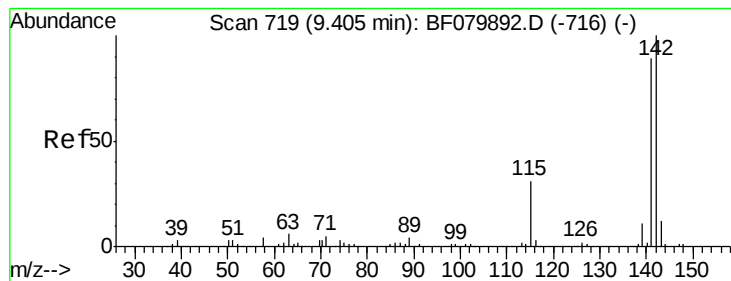
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	102.7	142.7#
77	0.0	77.1	117.1#



#33
4-Chloroaniline
Concen: 6.63 ng
RT: 8.68 min Scan# 656
Delta R.T. -0.05 min
Lab File: BF079964.D
Acq: 13 Jun 2015 7:46

Tgt Ion	Ratio	Lower	Upper
127	100		
129	90.4	26.1	39.1#
65	0.0	25.5	38.3#
92	0.0	15.7	23.5#





#37

2-Methylnaphthalene

Concen: 7.89 ng

RT: 9.38 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W3-6.5-7

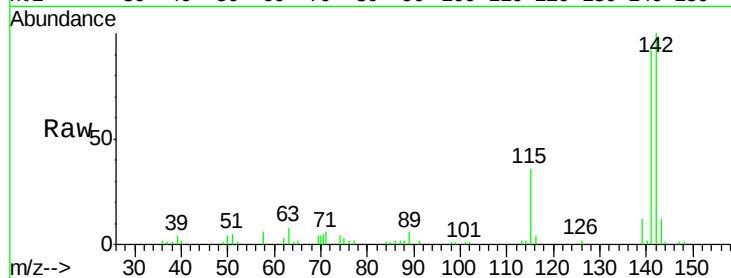
Tgt Ion:142 Resp: 49052

Ion Ratio Lower Upper

142 100

141 91.9 70.9 106.3

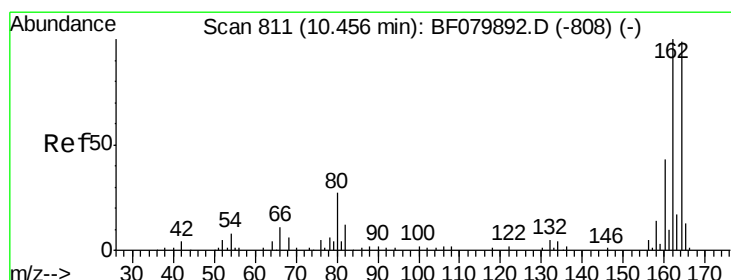
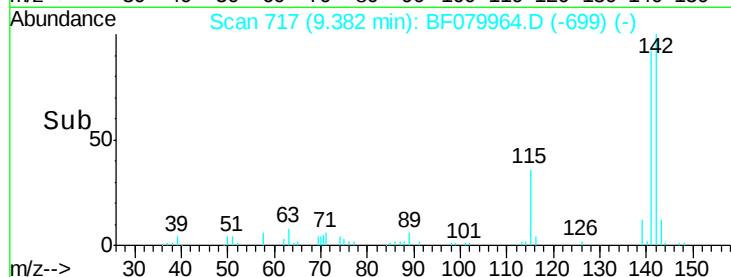
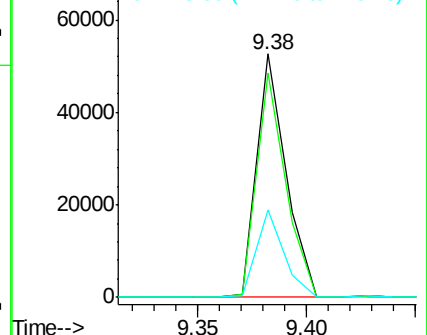
115 36.0 25.0 37.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.44 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

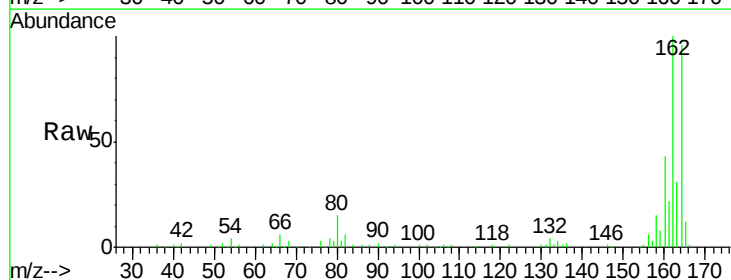
Tgt Ion:164 Resp: 95253

Ion Ratio Lower Upper

164 100

162 104.6 80.7 121.1

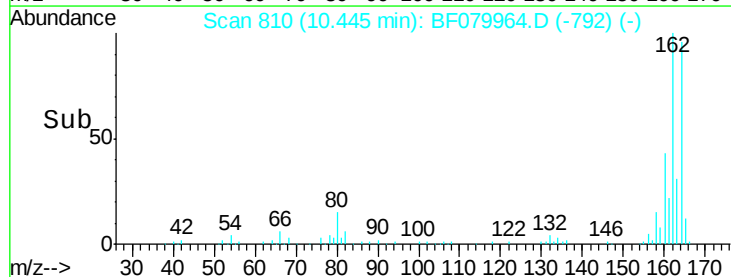
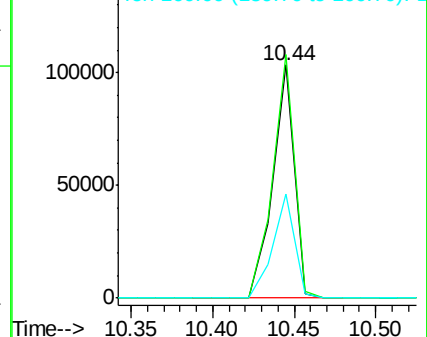
160 44.7 34.6 51.8

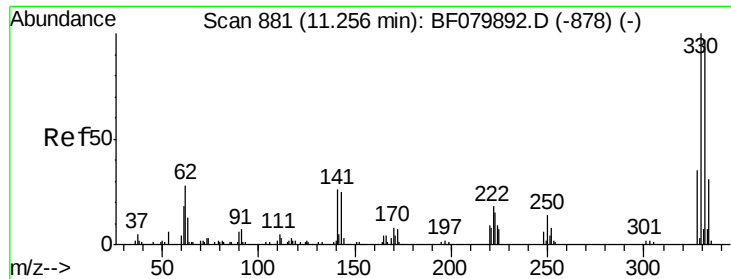


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

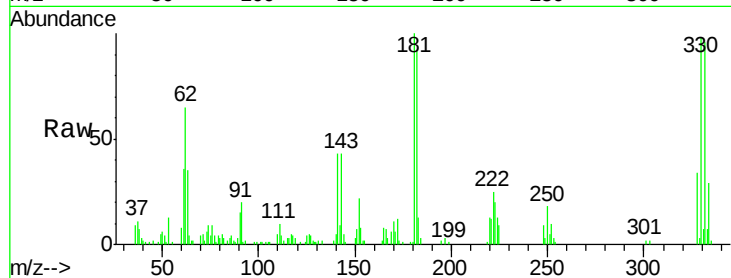




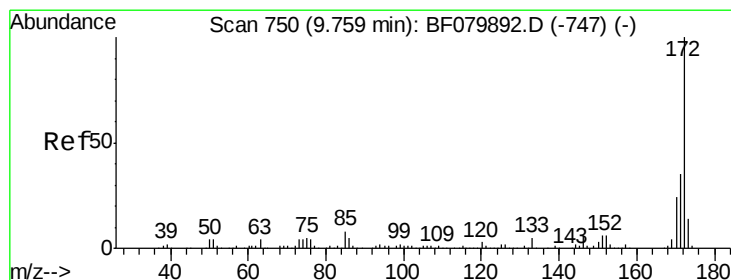
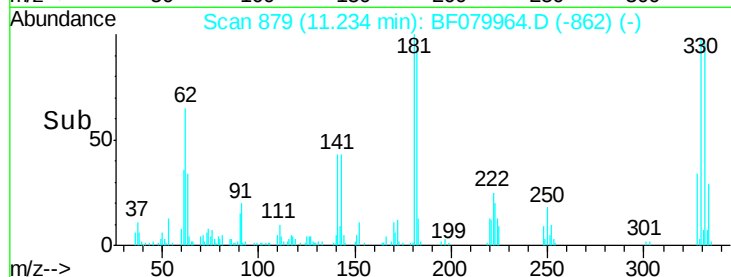
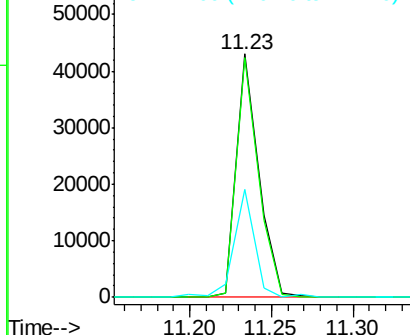
#41
 2,4,6-Tribromophenol
 Concen: 44.47 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079964.D
 Acq: 13 Jun 2015 7:46

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W3-6.5-7

Tgt Ion:330 Resp: 40737
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 40.9 26.8 40.2#

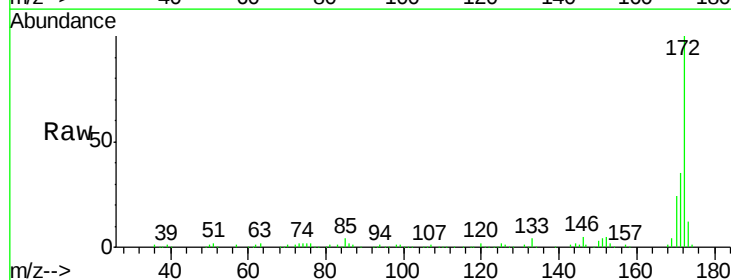


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

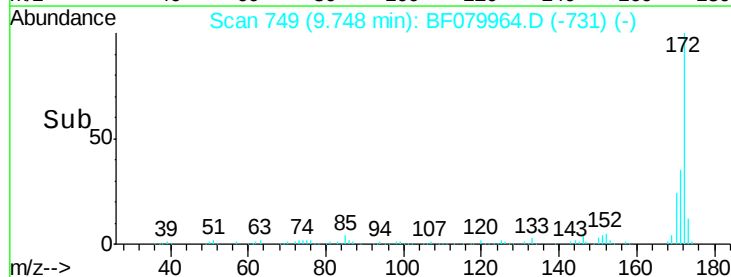
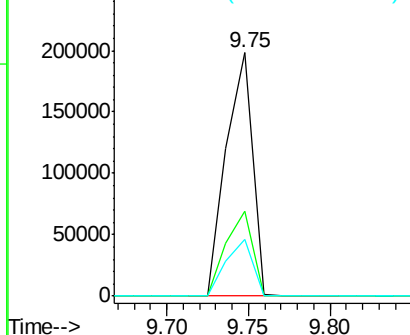


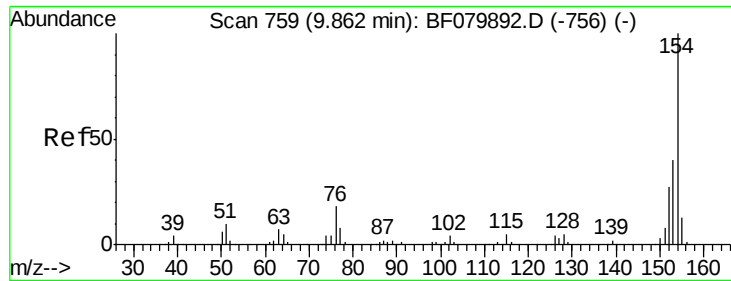
#44
 2-Fluorobiphenyl
 Concen: 32.37 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079964.D
 Acq: 13 Jun 2015 7:46

Tgt Ion:172 Resp: 220214
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.3 42.5
 170 23.5 19.0 28.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

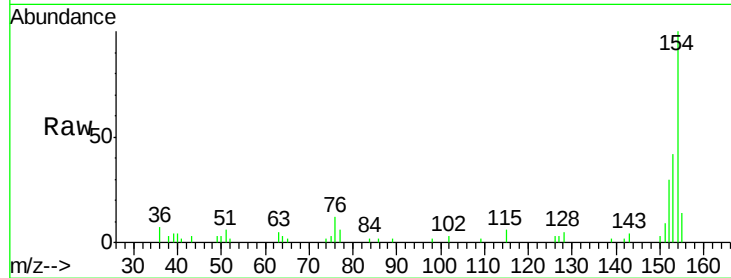




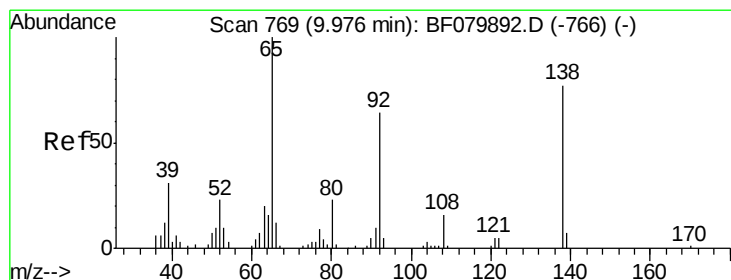
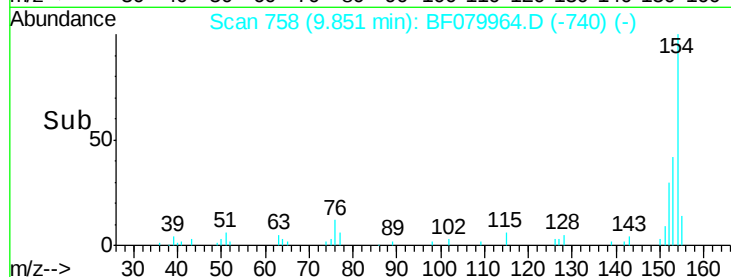
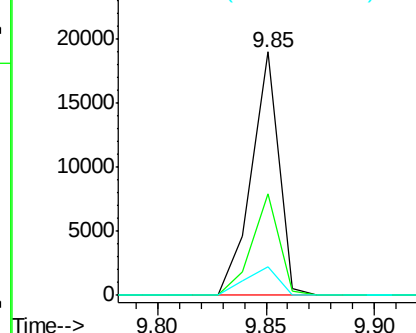
#45
 1,1'-Biphenyl
 Concen: 2.15 ng
 RT: 9.85 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF079964.D
 Acq: 13 Jun 2015 7:46

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W3-6.5-7

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.1	60.1
76	11.5	0.0	38.4

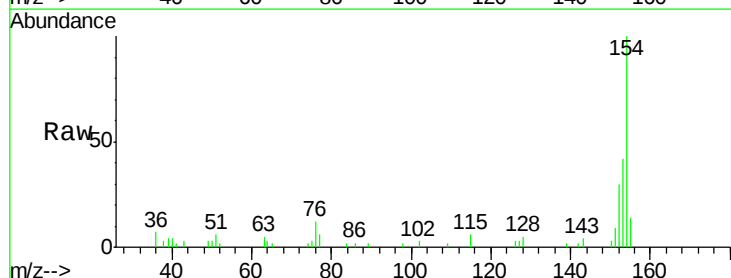


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

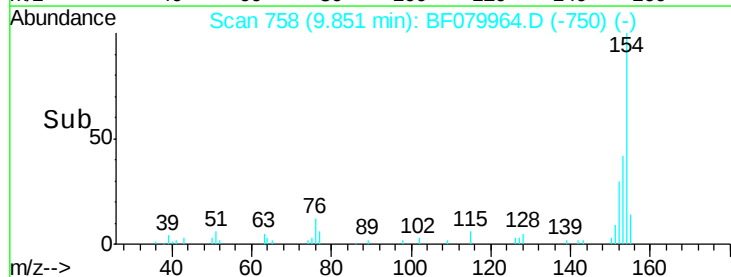
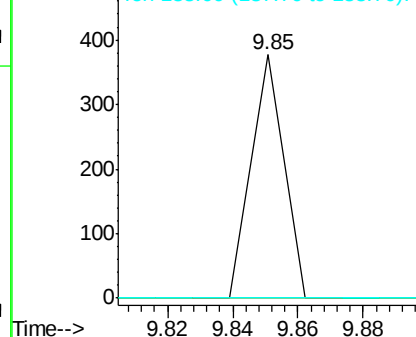


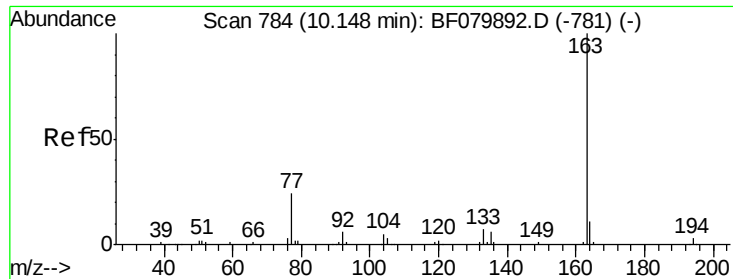
#47
 2-Nitroaniline
 Concen: 4.45 ng
 RT: 9.85 min Scan# 758
 Delta R.T. -0.11 min
 Lab File: BF079964.D
 Acq: 13 Jun 2015 7:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	51.1	76.7#
138	0.0	62.0	93.0#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

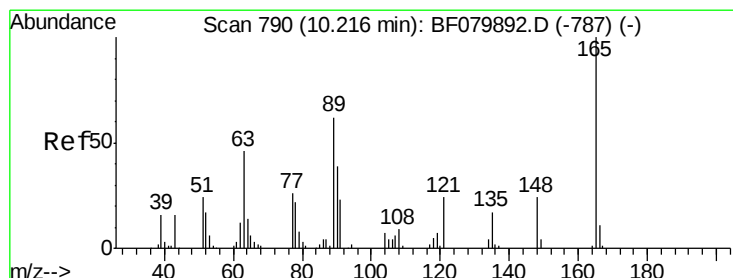
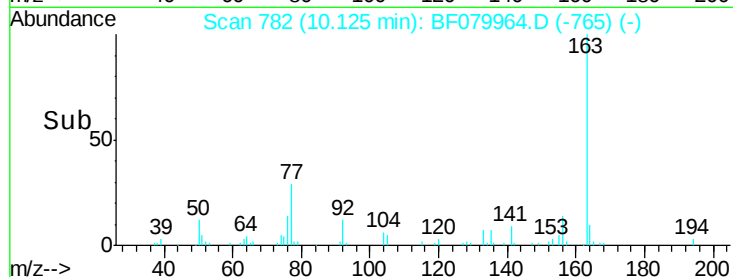
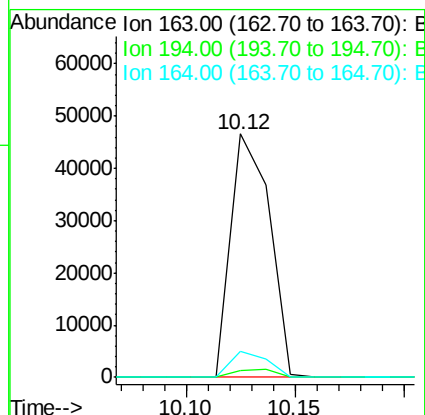
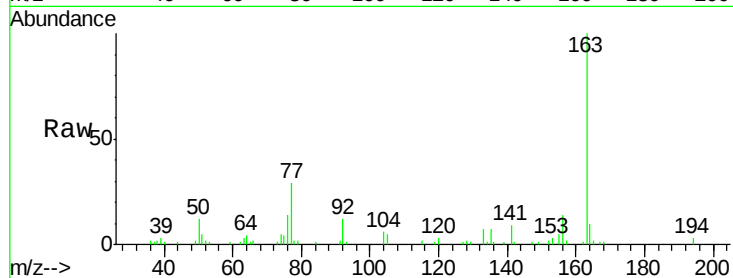




#49
Dimethylphthalate
Concen: 7.55 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF079964.D
Acq: 13 Jun 2015 7:46

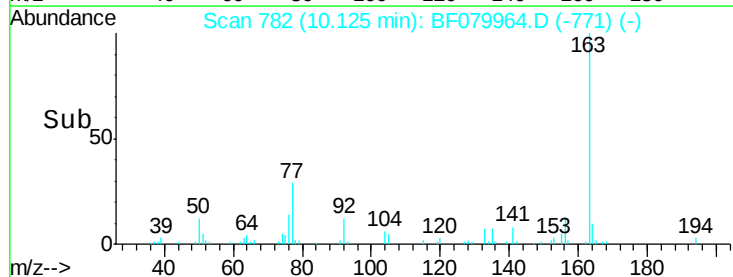
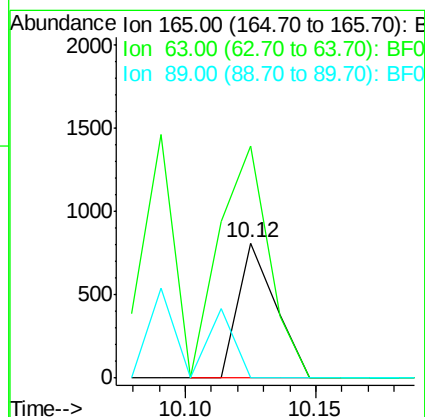
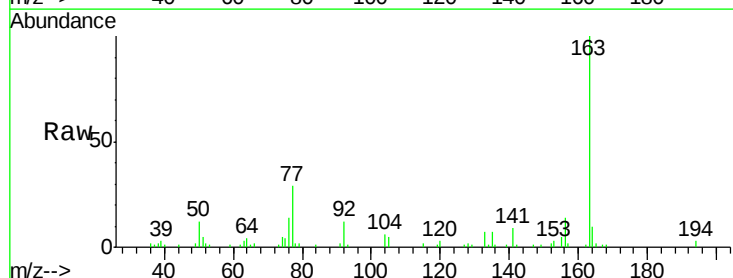
Instrument :
BNA_F
ClientSampleId :
VALHALLA-W3-6.5-7

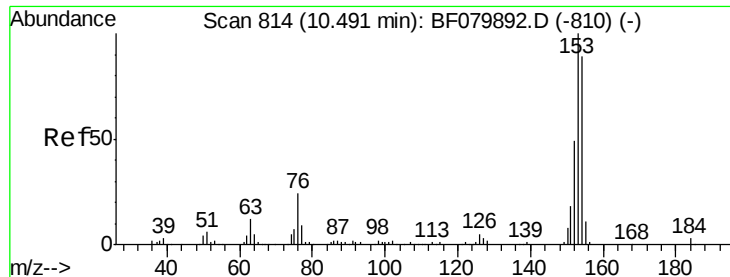
Tgt Ion:163 Resp: 57602
Ion Ratio Lower Upper
163 100
194 2.6 2.6 4.0#
164 10.4 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 3.59 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.08 min
Lab File: BF079964.D
Acq: 13 Jun 2015 7:46

Tgt Ion:165 Resp: 815
Ion Ratio Lower Upper
165 100
63 171.7 46.4 69.6#
89 0.0 49.6 74.4#





#51

Acenaphthene

Concen: 38.13 ng

RT: 10.48 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W3-6.5-7

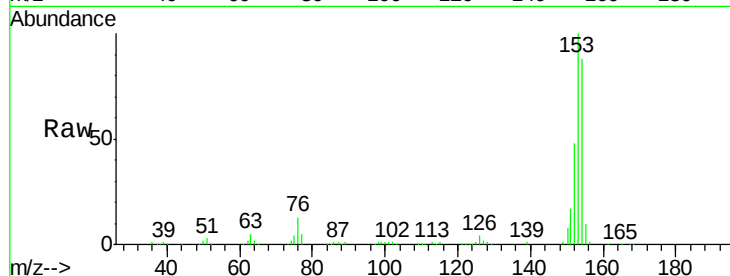
Tgt Ion:154 Resp: 240090

Ion Ratio Lower Upper

154 100

153 114.1 90.0 135.0

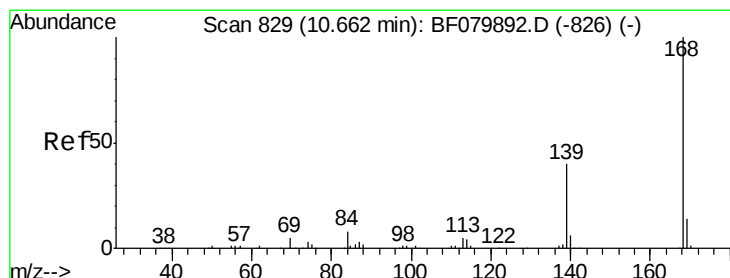
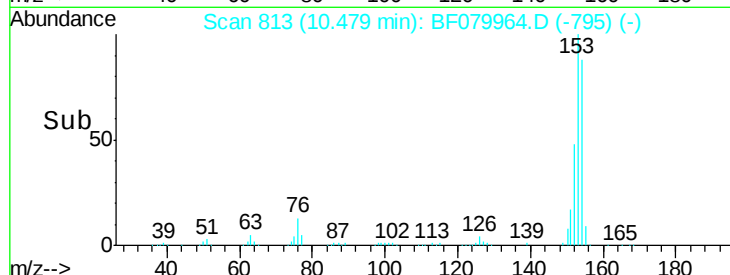
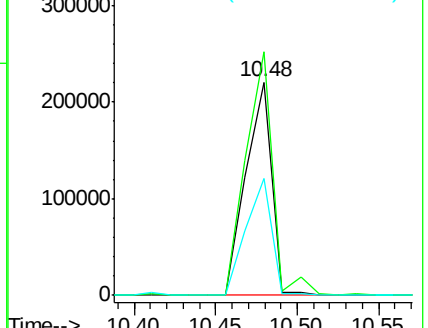
152 54.7 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 15.59 ng

RT: 10.65 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

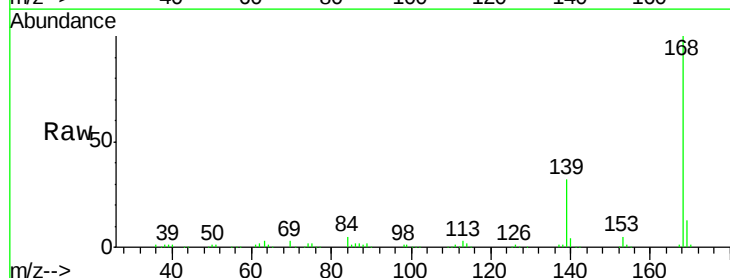
Tgt Ion:168 Resp: 143398

Ion Ratio Lower Upper

168 100

139 31.9 32.2 48.2#

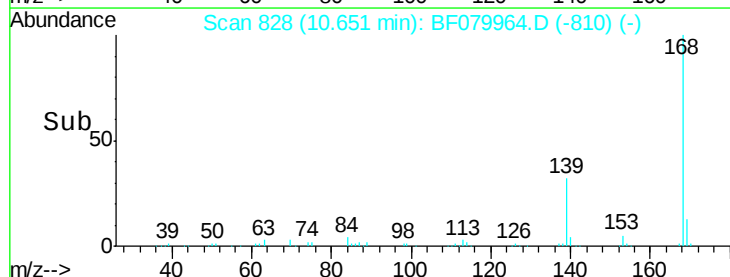
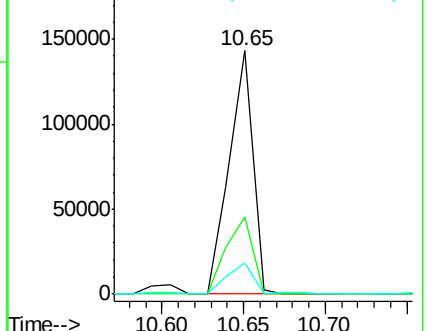
169 12.6 11.0 16.6

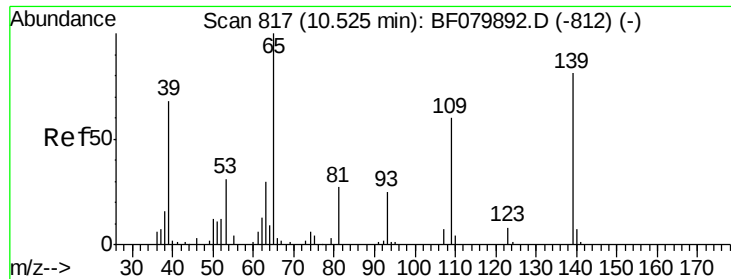


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

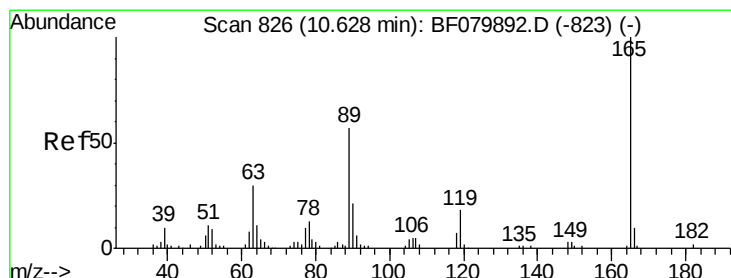
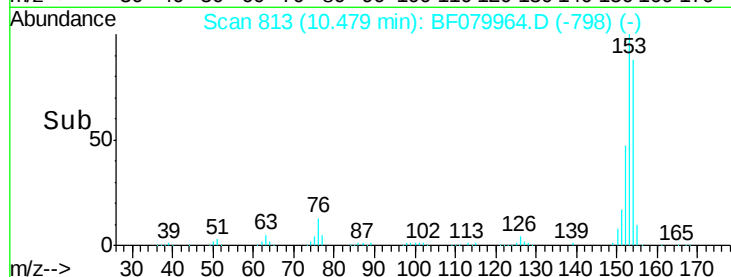
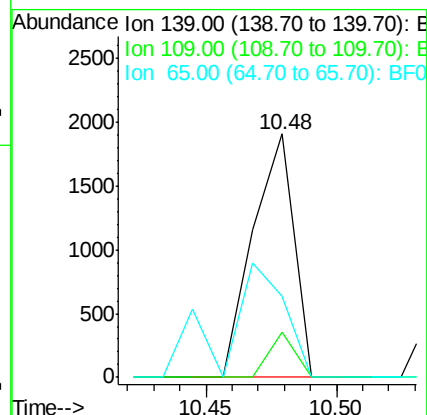
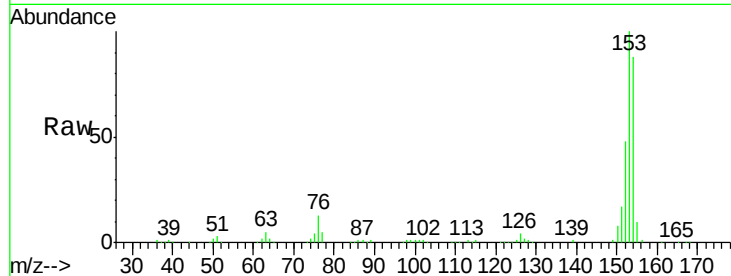




#55
4-Nitrophenol
Concen: 4.23 ng
RT: 10.48 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF079964.D
Acq: 13 Jun 2015 7:46

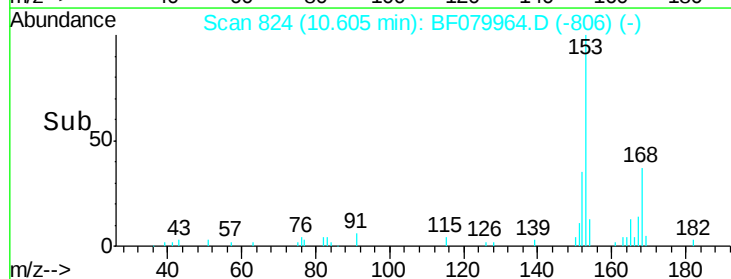
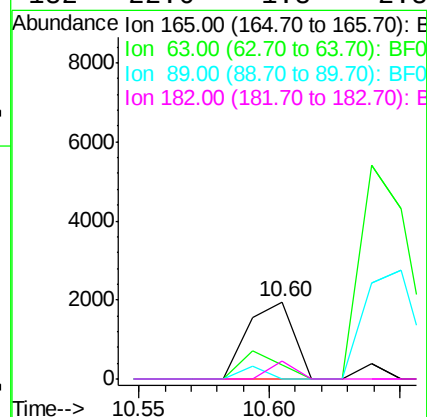
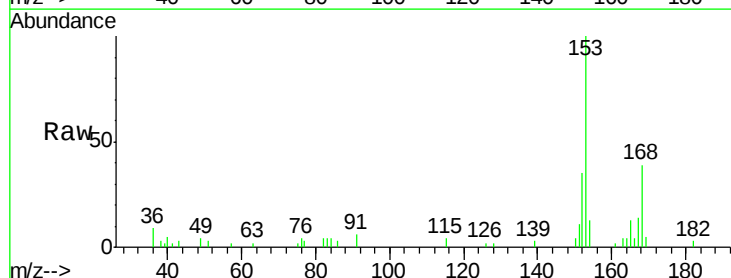
Instrument :
BNA_F
ClientSampleId :
VALHALLA-W3-6.5-7

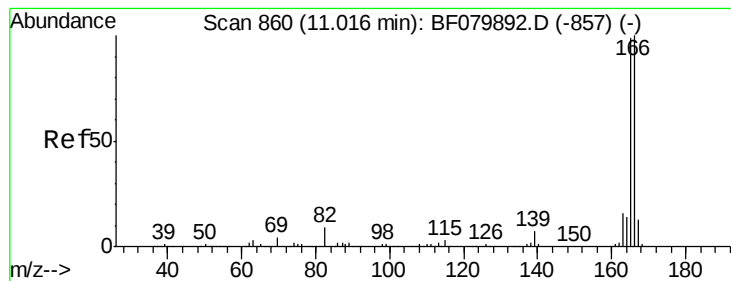
Tgt Ion:139 Resp: 2104
Ion Ratio Lower Upper
139 100
109 18.6 54.8 94.8#
65 33.5 104.8 144.8#



#56
2,4-Dinitrotoluene
Concen: 5.98 ng
RT: 10.60 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF079964.D
Acq: 13 Jun 2015 7:46

Tgt Ion:165 Resp: 2400
Ion Ratio Lower Upper
165 100
63 17.6 24.3 36.5#
89 0.0 45.4 68.2#
182 22.6 1.8 2.8#





#57

Fluorene

Concen: 23.44 ng

RT: 10.99 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W3-6.5-7

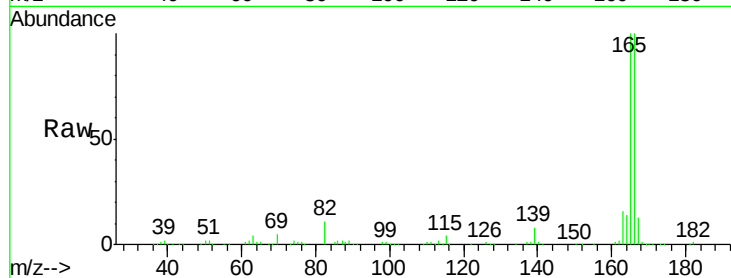
Tgt Ion:166 Resp: 187988

Ion Ratio Lower Upper

166 100

165 100.1 79.0 118.6

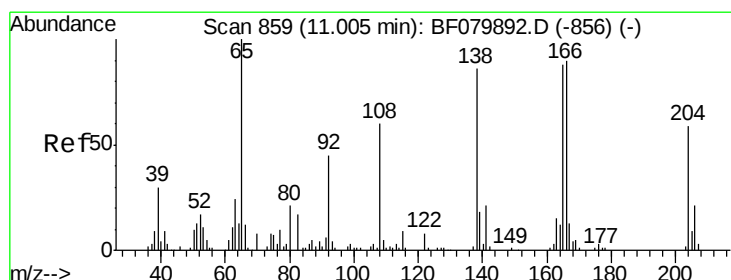
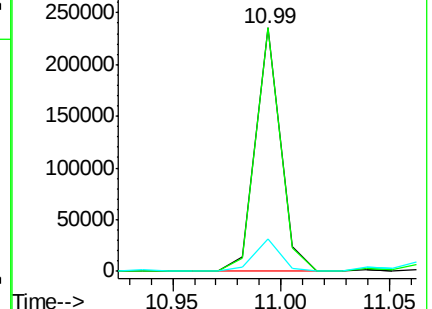
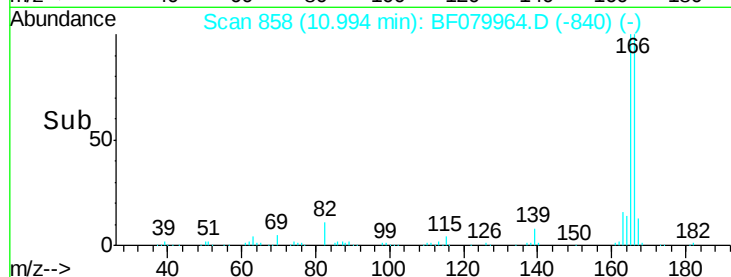
167 13.5 10.3 15.5



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



#61

4-Nitroaniline

Concen: 4.05 ng

RT: 10.99 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

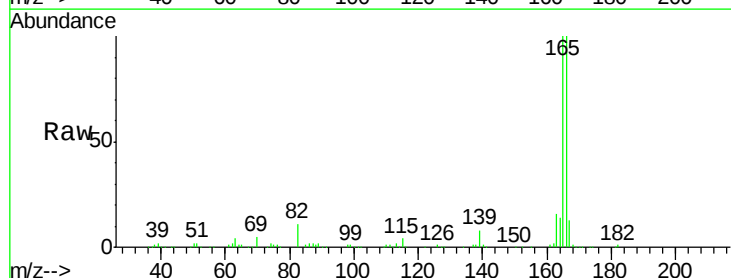
Tgt Ion:138 Resp: 1777

Ion Ratio Lower Upper

138 100

92 0.0 32.9 72.9#

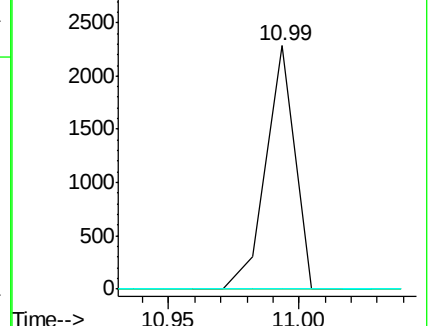
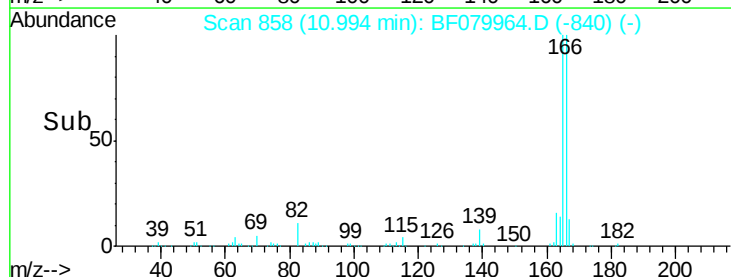
108 0.0 50.4 90.4#

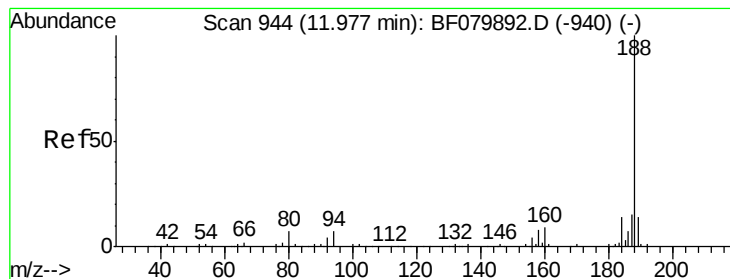


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.94 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W3-6.5-7

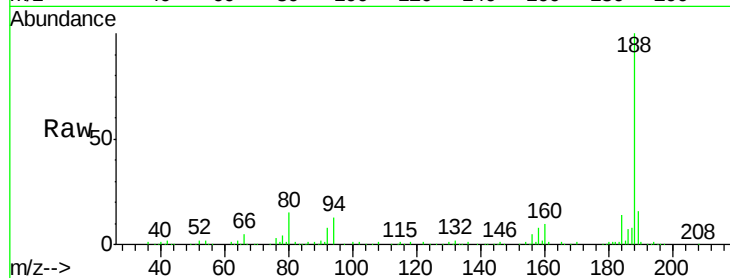
Tgt Ion:188 Resp: 193219

Ion Ratio Lower Upper

188 100

94 13.0 5.8 8.8#

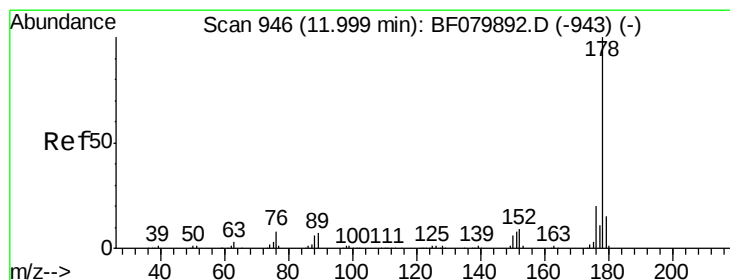
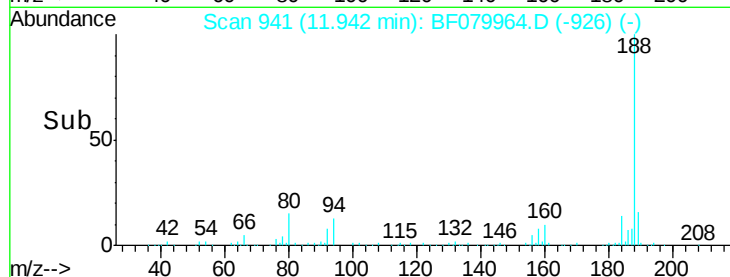
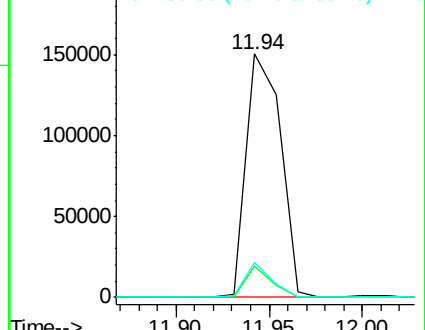
80 14.6 5.9 8.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 158.79 ng

RT: 11.98 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

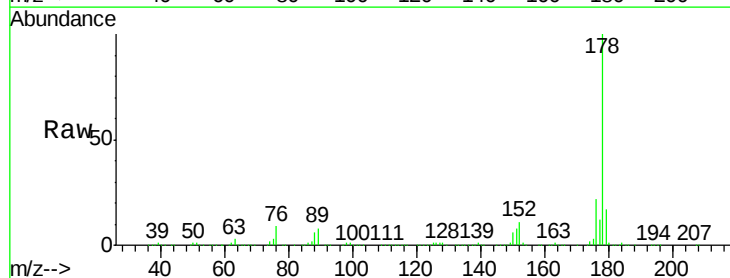
Tgt Ion:178 Resp: 1828580

Ion Ratio Lower Upper

178 100

176 21.9 15.9 23.9

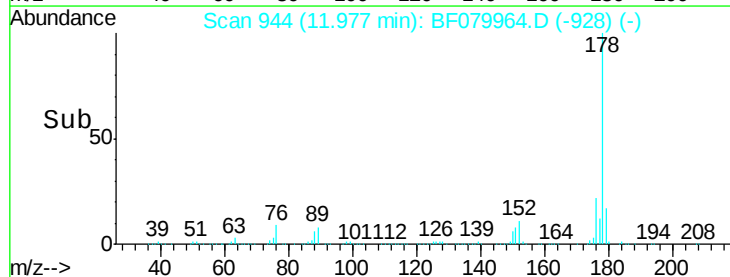
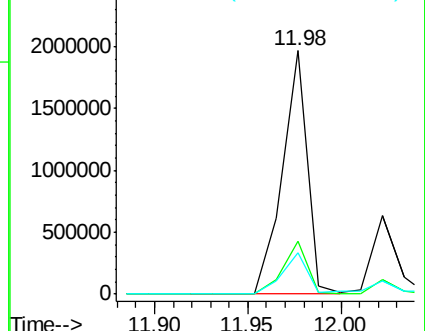
179 17.0 12.3 18.5

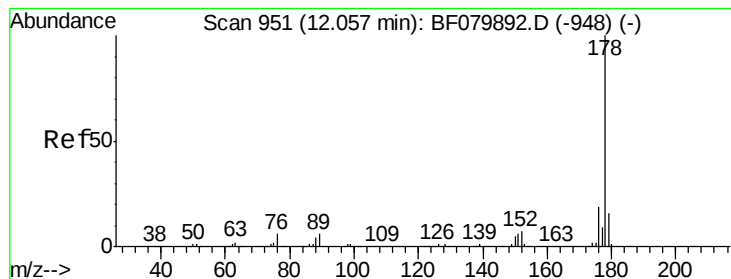


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 52.37 ng

RT: 12.02 min Scan# 948

Delta R.T. -0.03 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W3-6.5-7

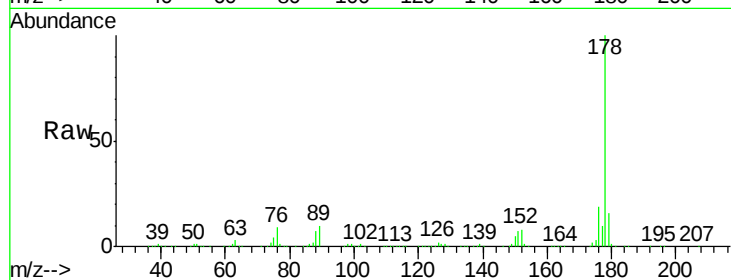
Tgt Ion:178 Resp: 583589

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

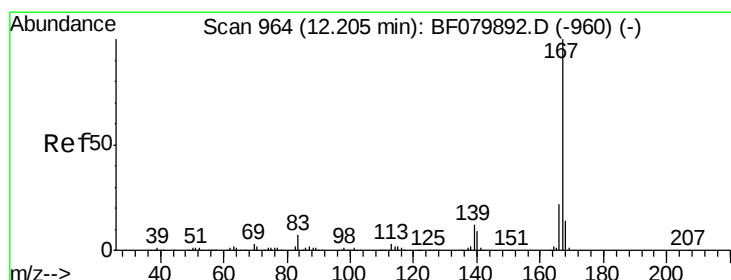
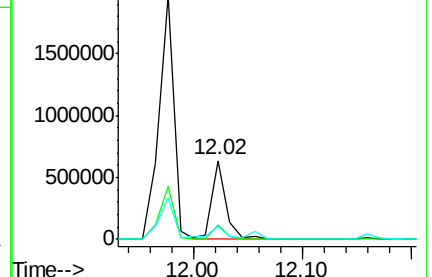
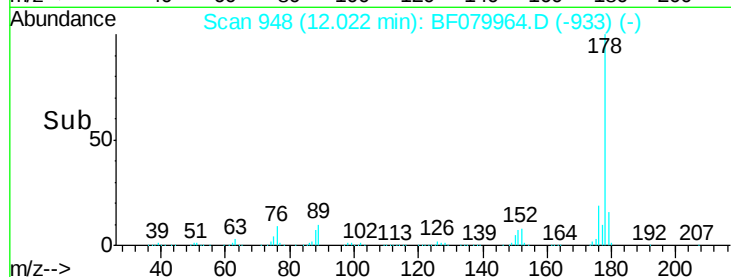
179 16.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 24.18 ng

RT: 12.17 min Scan# 961

Delta R.T. -0.05 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

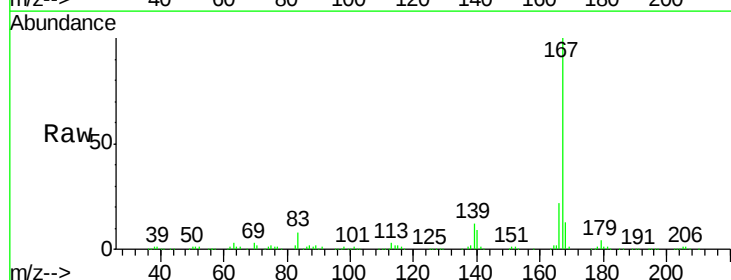
Tgt Ion:167 Resp: 261283

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.2

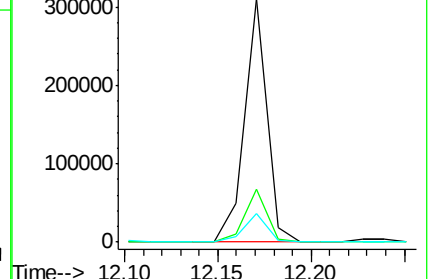
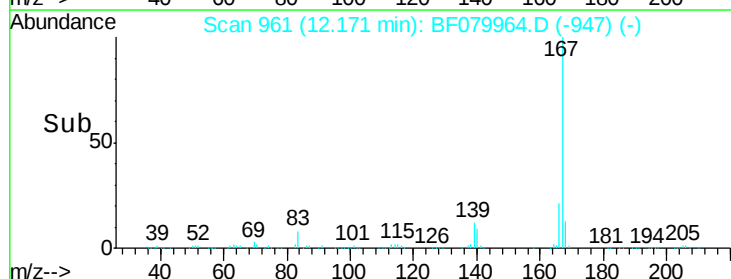
139 11.9 9.5 14.3

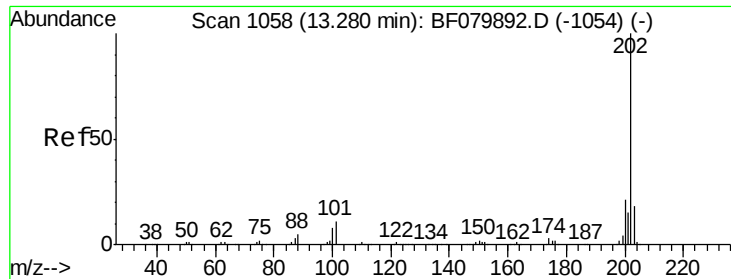


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 163.15 ng

RT: 13.21 min Scan# 1052

Delta R.T. -0.13 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W3-6.5-7

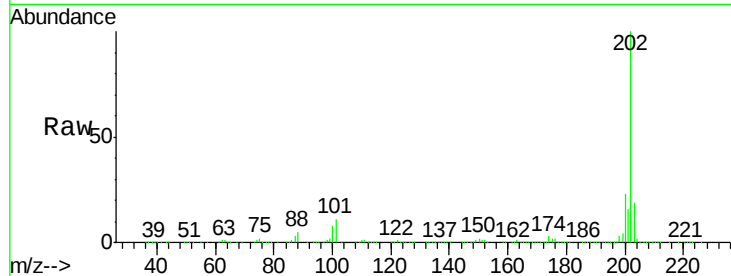
Tgt Ion:202 Resp: 2076891

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.7

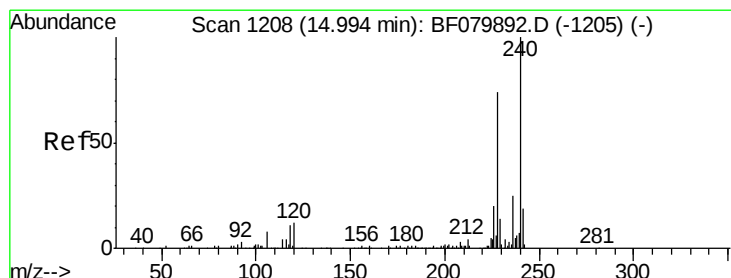
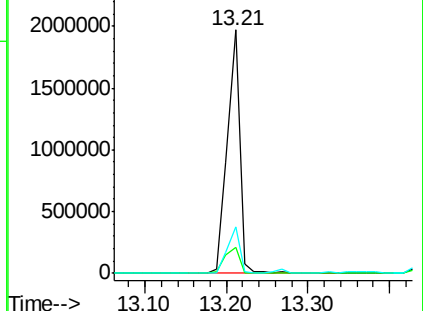
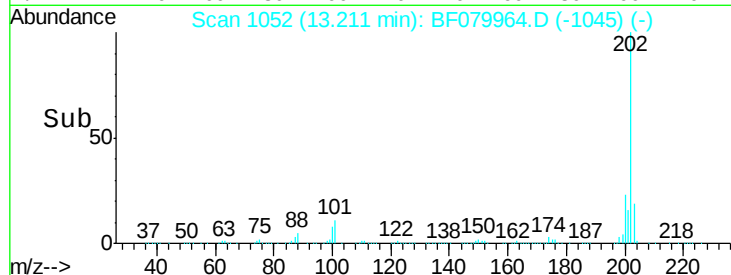
203 19.1 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.12 min Scan# 1219

Delta R.T. -0.02 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

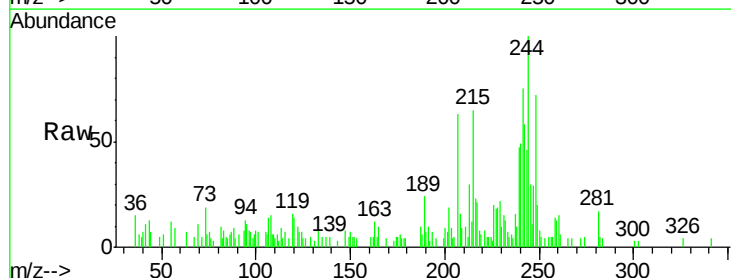
Tgt Ion:240 Resp: 5621

Ion Ratio Lower Upper

240 100

120 27.4 9.4 14.2#

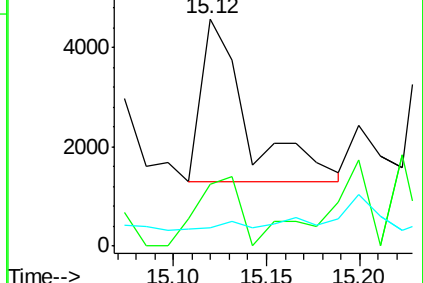
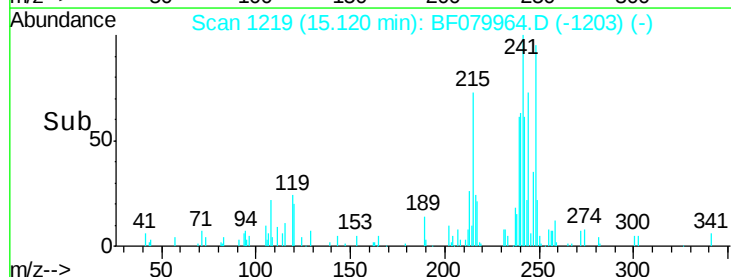
236 8.1 19.6 29.4#

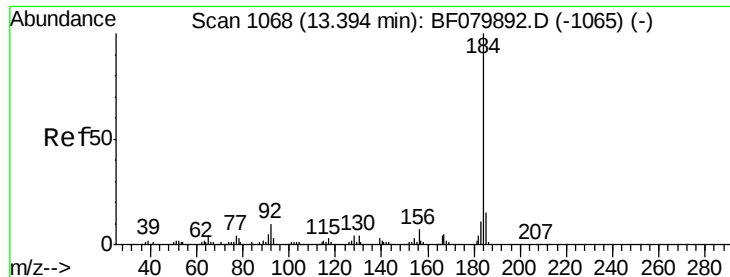


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 6.08 ng

RT: 13.38 min Scan# 1067

Delta R.T. -0.08 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W3-6.5-7

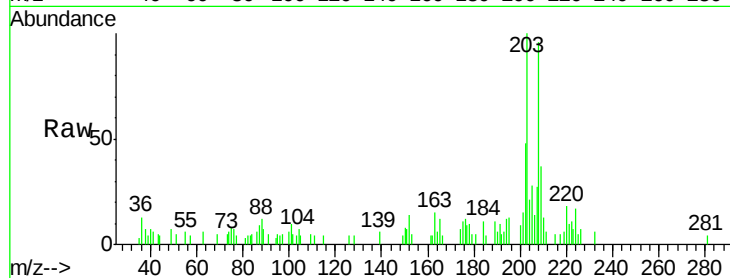
Tgt Ion:184 Resp: 947

Ion Ratio Lower Upper

184 100

185 36.0 11.8 17.6#

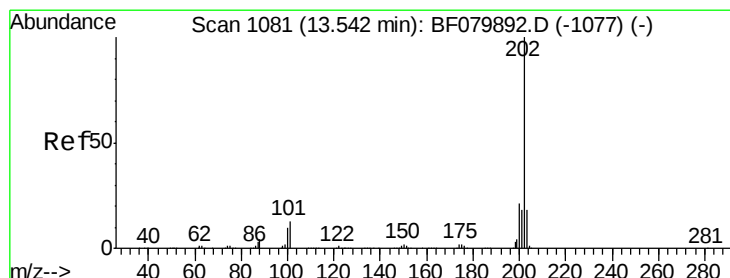
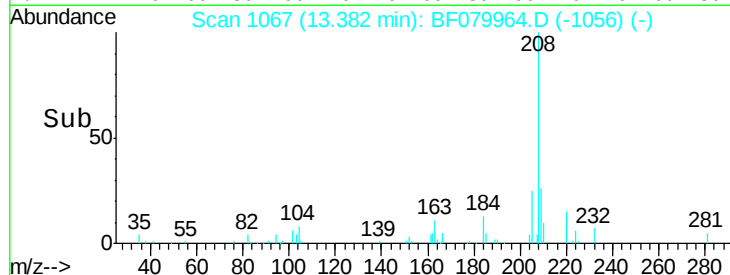
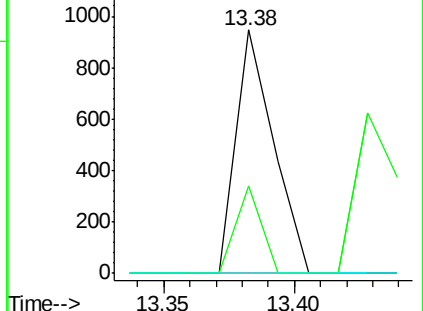
183 0.0 9.0 13.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 5006.70 ng

RT: 13.45 min Scan# 1073

Delta R.T. -0.16 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

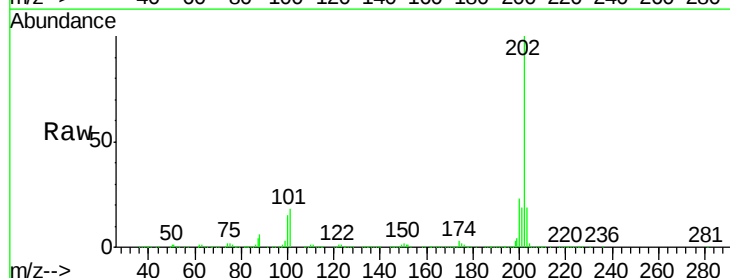
Tgt Ion:202 Resp: 1767546

Ion Ratio Lower Upper

202 100

200 22.7 16.8 25.2

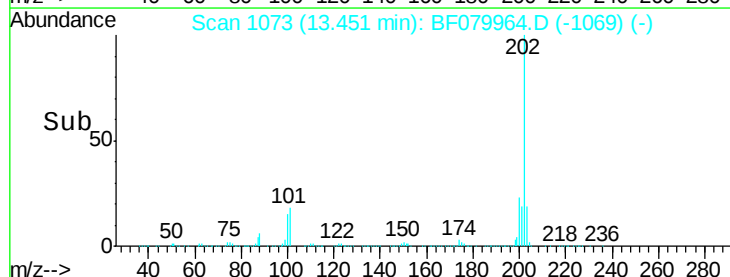
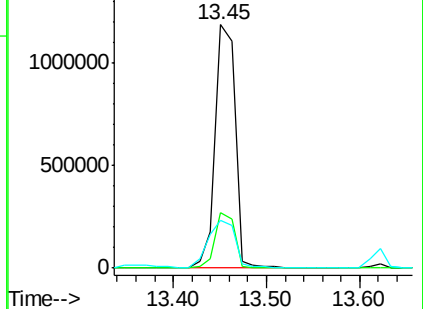
203 19.4 14.4 21.6

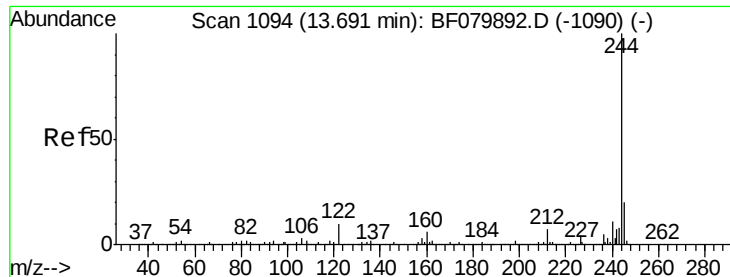


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 1119.56 ng

RT: 13.59 min Scan# 1085

Delta R.T. -0.18 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W3-6.5-7

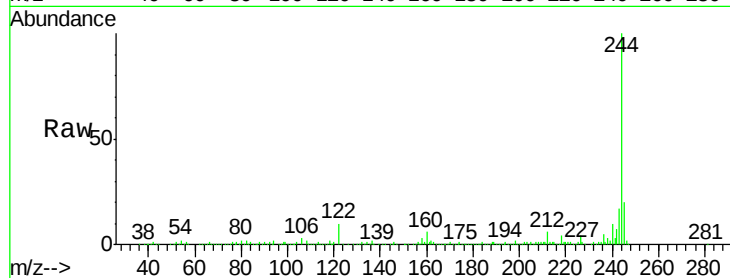
Tgt Ion:244 Resp: 272957

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

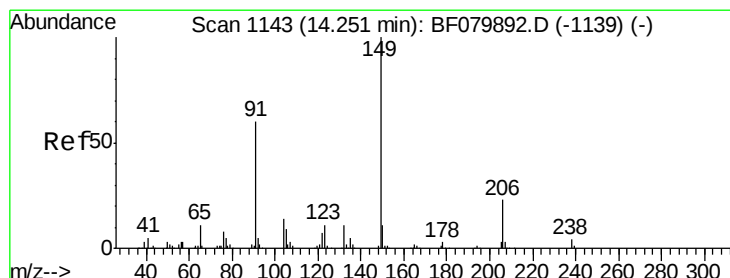
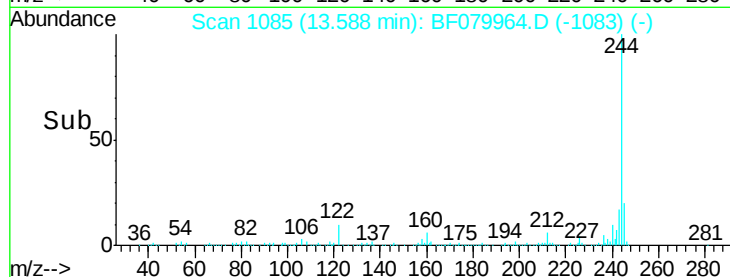
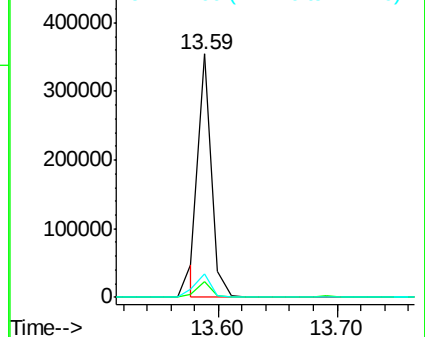
122 9.8 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 8.36 ng

RT: 14.38 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

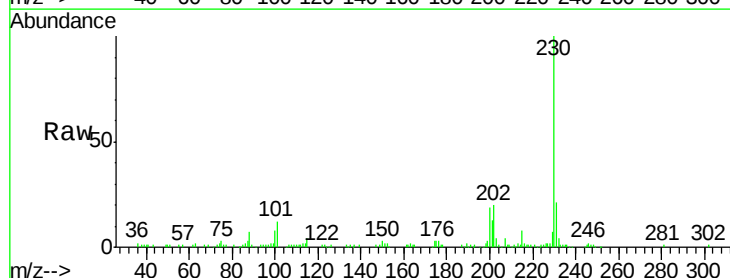
Tgt Ion:149 Resp: 997

Ion Ratio Lower Upper

149 100

91 36.3 48.1 72.1#

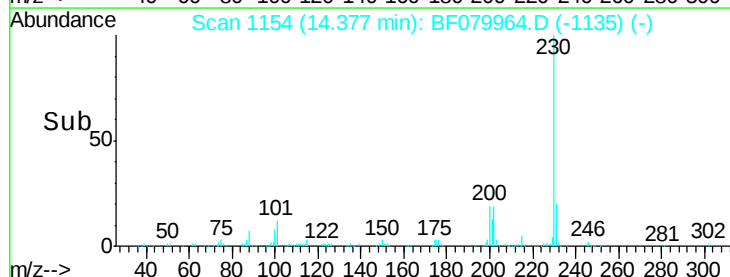
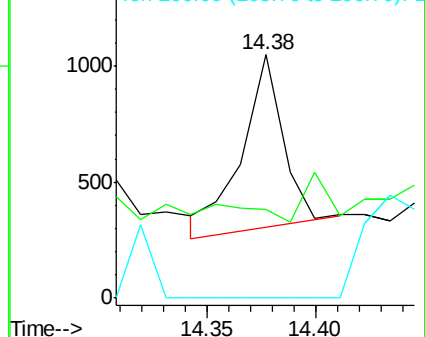
206 0.0 18.6 27.8#

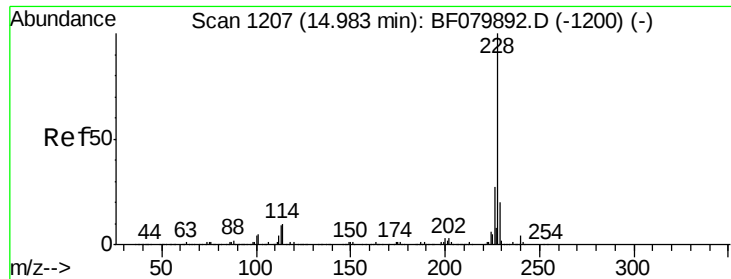


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

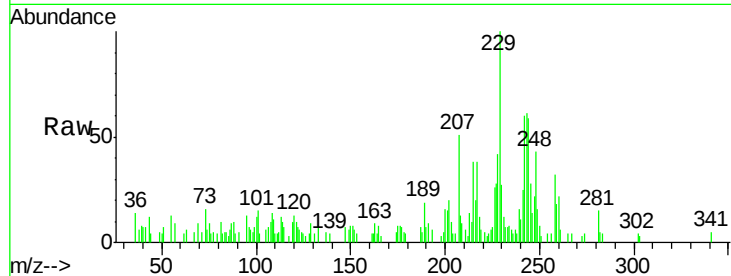




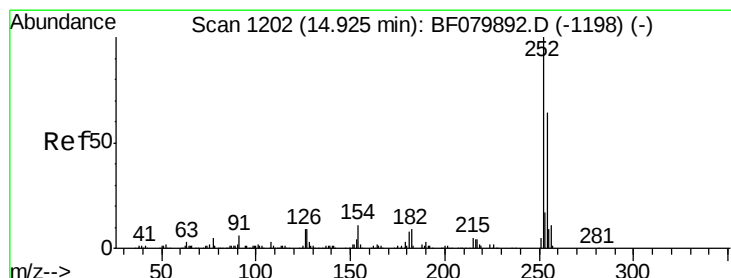
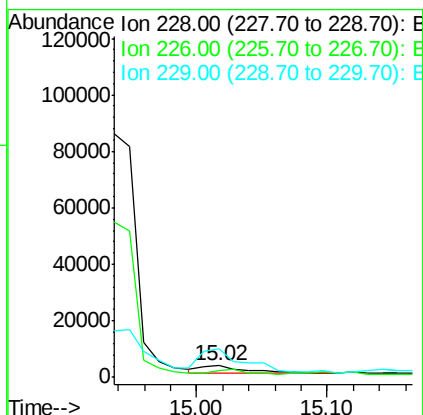
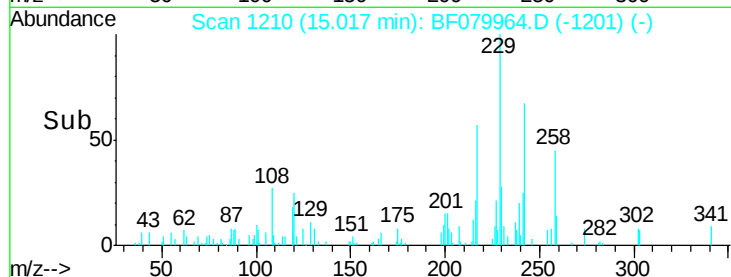
#80
 Benzo(a)anthracene
 Concen: 16.88 ng
 RT: 15.02 min Scan# 1210
 Delta R.T. -0.10 min
 Lab File: BF079964.D
 Acq: 13 Jun 2015 7:46

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W3-6.5-7

Tgt Ion: 228 Resp: 6026
 Ion Ratio Lower Upper
 228 100
 226 61.2 21.8 32.8#
 229 239.3 15.9 23.9#

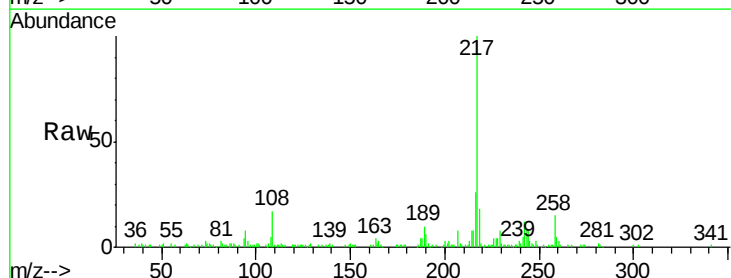


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

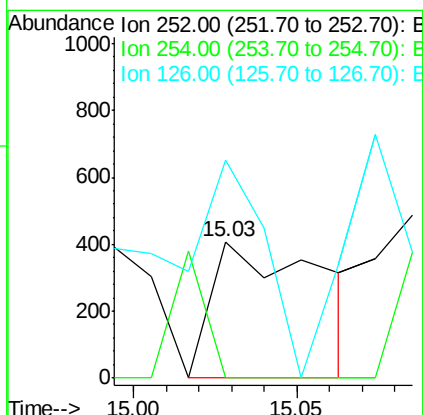
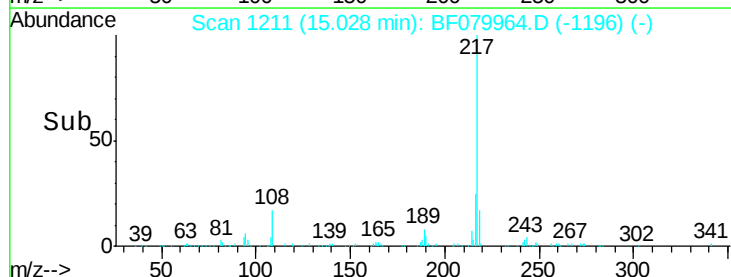


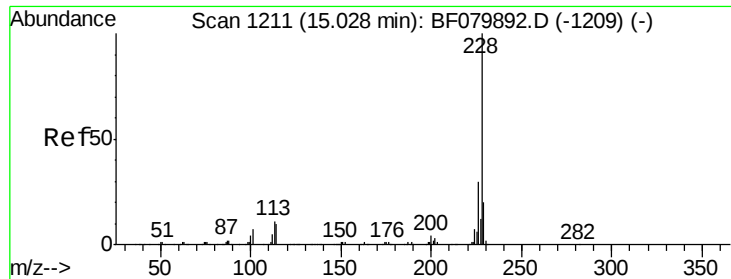
#81
 3,3'-Dichlorobenzidine
 Concen: 8.29 ng
 RT: 15.03 min Scan# 1211
 Delta R.T. -0.03 min
 Lab File: BF079964.D
 Acq: 13 Jun 2015 7:46

Tgt Ion: 252 Resp: 946
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.1 76.7#
 126 159.8 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 15.21 ng

RT: 15.27 min Scan# 1232

Delta R.T. 0.09 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W3-6.5-7

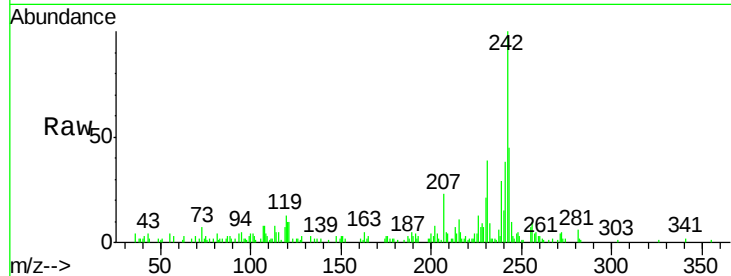
Tgt Ion: 228 Resp: 5057

Ion Ratio Lower Upper

228 100

226 133.8 23.9 35.9#

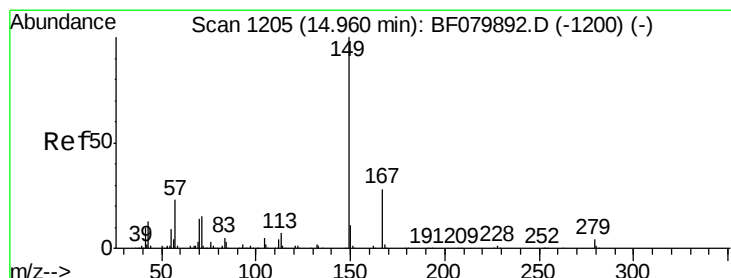
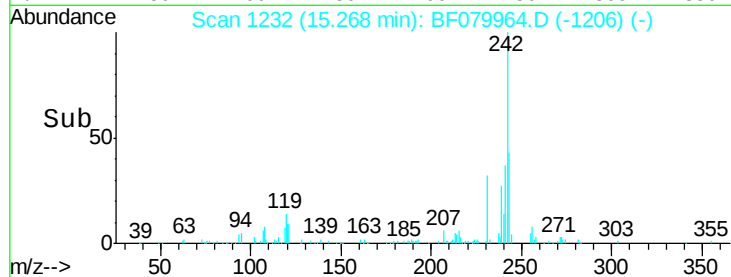
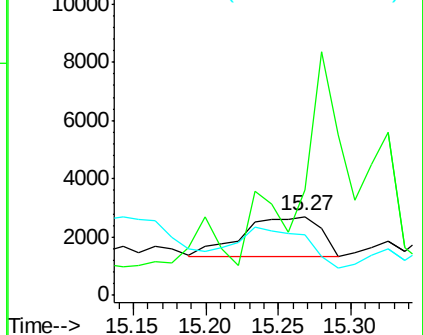
229 77.5 16.1 24.1#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 8.34 ng

RT: 15.03 min Scan# 1211

Delta R.T. -0.08 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

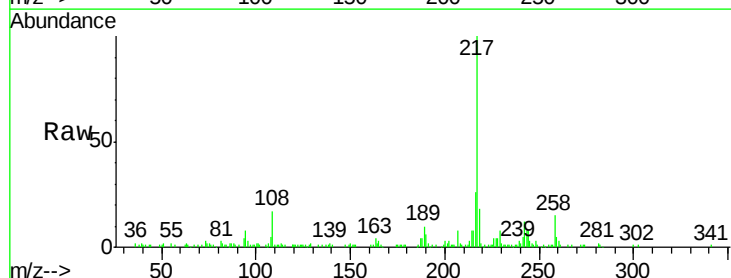
Tgt Ion: 149 Resp: 1592

Ion Ratio Lower Upper

149 100

167 39.0 22.2 33.4#

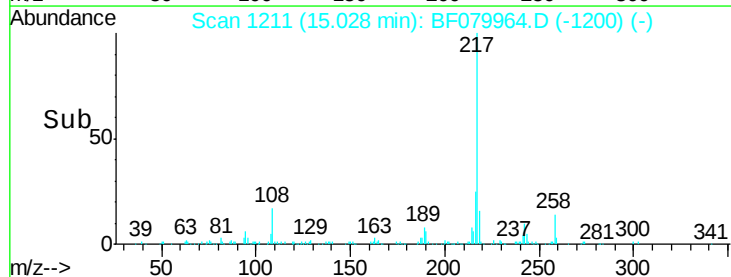
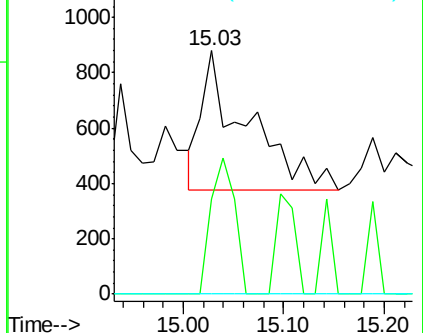
279 0.0 3.1 4.7#

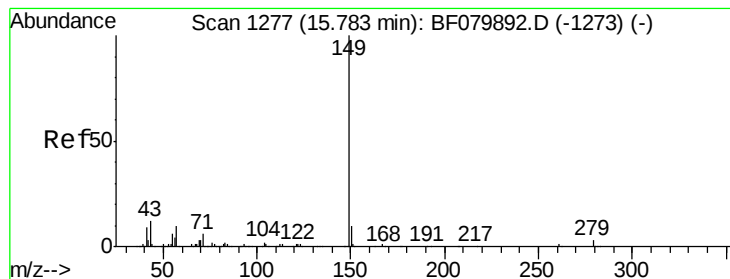


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 12.64 ng

RT: 15.85 min Scan# 1283

Delta R.T. -0.11 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W3-6.5-7

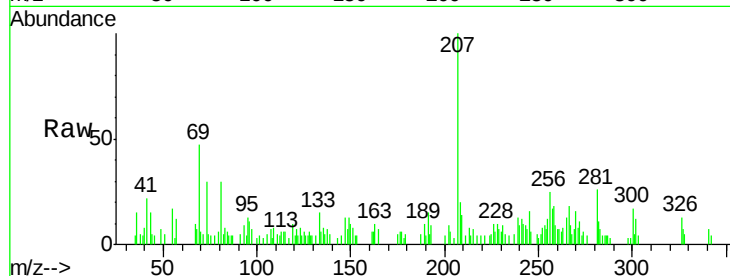
Tgt Ion:149 Resp: 3934

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

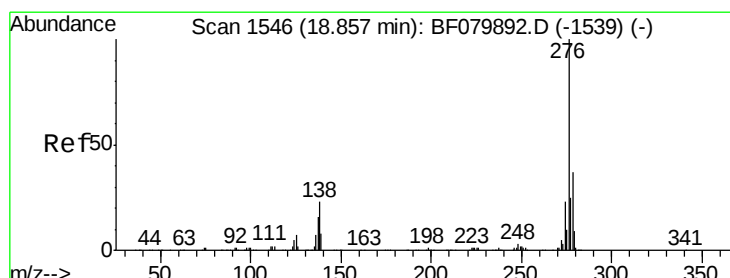
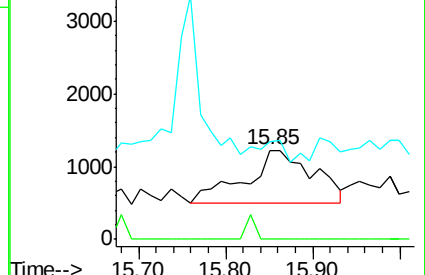
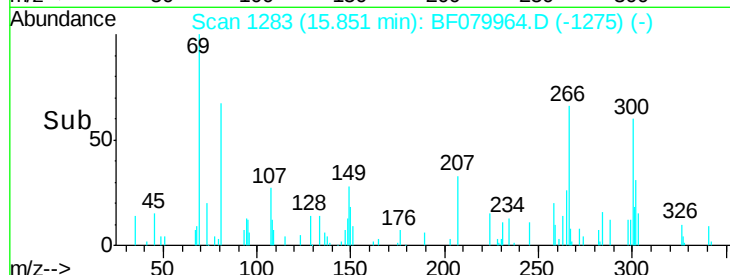
43 10.0 8.8 13.2



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): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 970.77 ng

RT: 19.11 min Scan# 1568

Delta R.T. 0.09 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

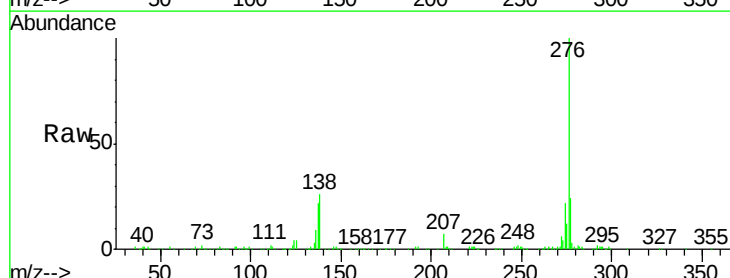
Tgt Ion:276 Resp: 362876

Ion Ratio Lower Upper

276 100

138 24.2 21.0 31.4

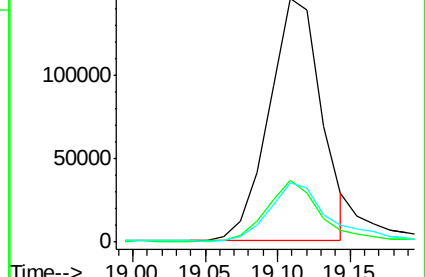
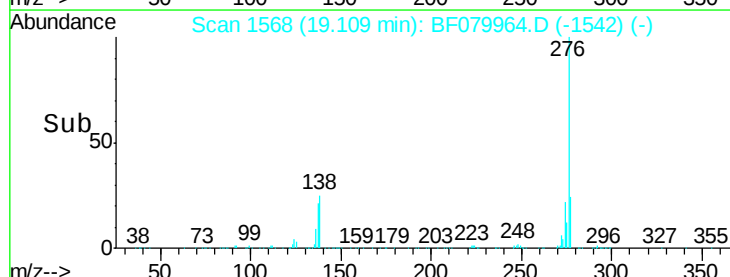
277 24.1 19.9 29.9

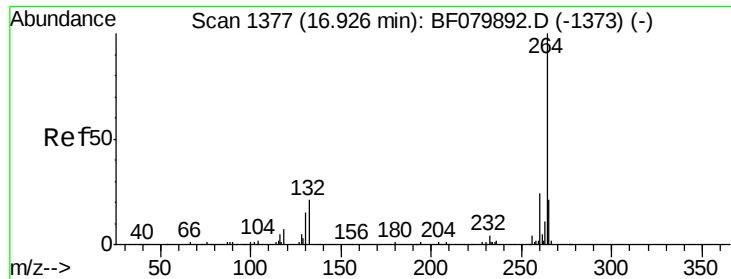


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

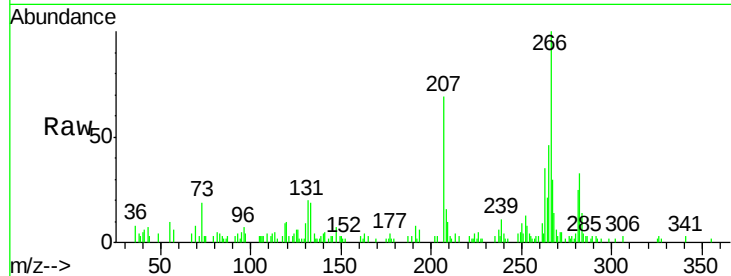




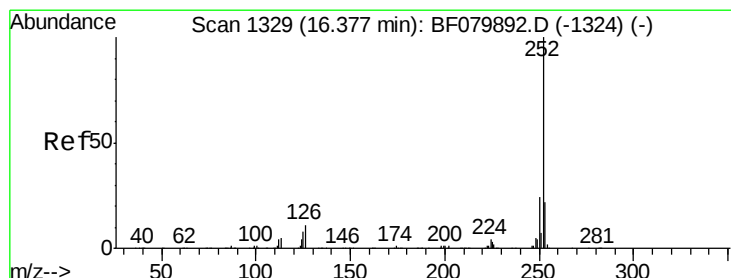
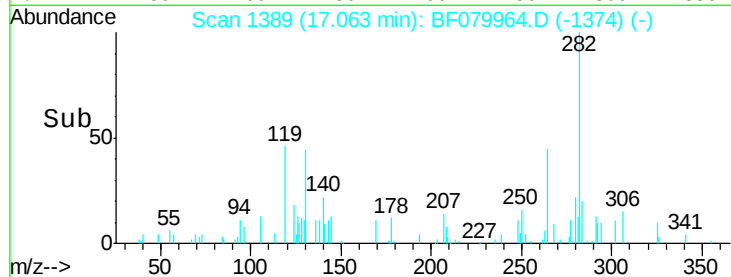
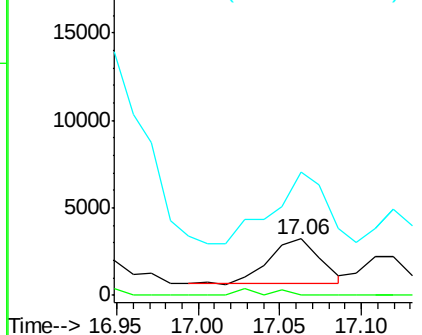
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.06 min Scan# 1389
Delta R.T. -0.03 min
Lab File: BF079964.D
Acq: 13 Jun 2015 7:46

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W3-6.5-7

Tgt Ion: 264 Resp: 5639
Ion Ratio Lower Upper
264 100
260 0.0 19.3 28.9#
265 218.9 17.0 25.6#

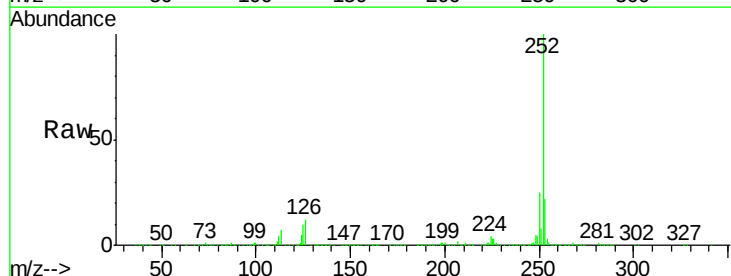


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

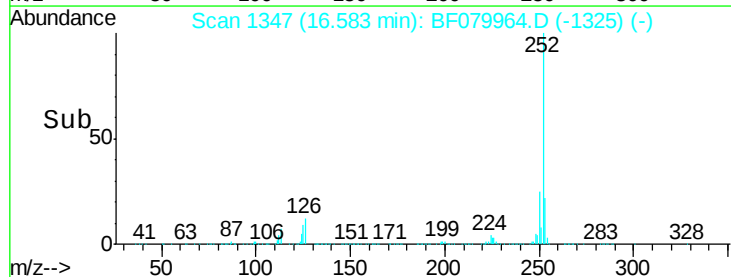
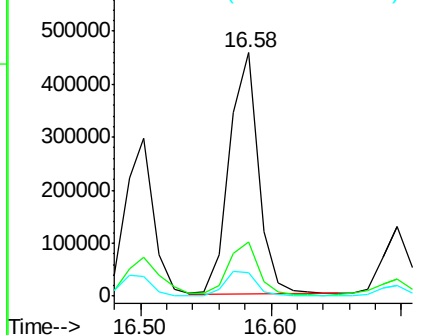


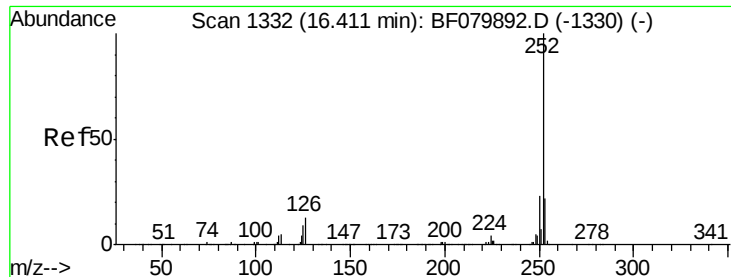
#87
Benzo(b)fluoranthene
Concen: 2027.07 ng
RT: 16.58 min Scan# 1347
Delta R.T. 0.05 min
Lab File: BF079964.D
Acq: 13 Jun 2015 7:46

Tgt Ion: 252 Resp: 700393
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 9.6 6.5 9.7



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(k)fluoranthene

Concen: 1976.19 ng

RT: 16.58 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

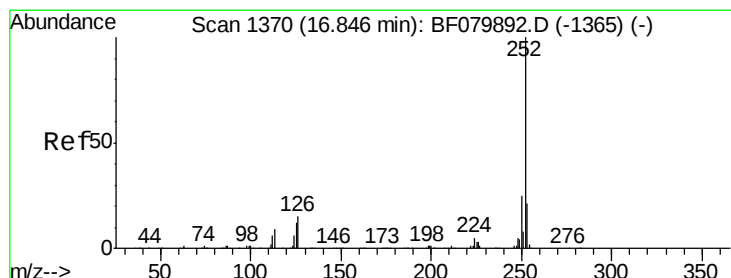
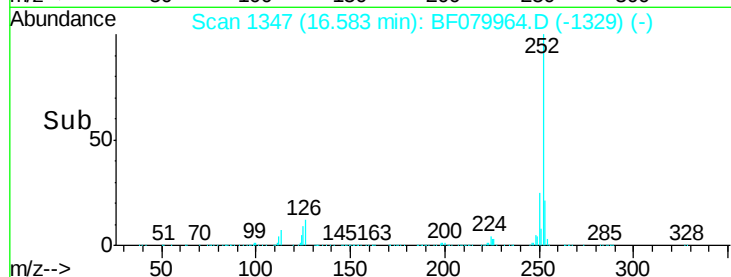
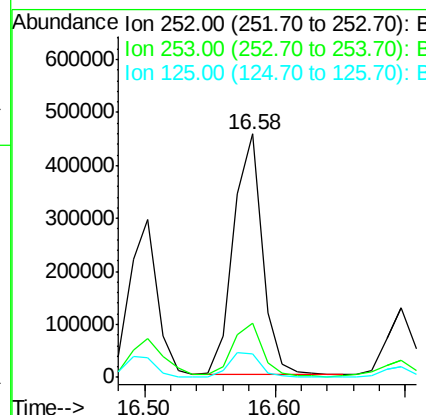
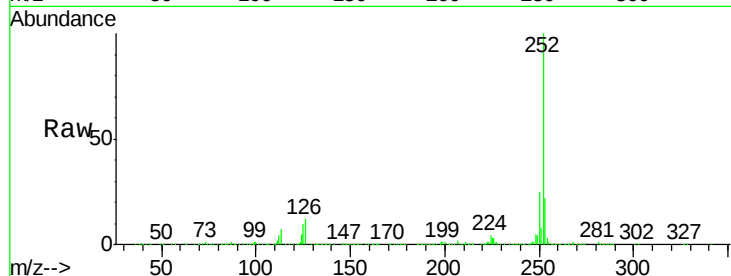
Instrument :

BNA_F

ClientSampleId :

VALHALLA-W3-6.5-7

Tgt Ion:	252	Resp:	696381
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	9.6	7.4	11.0



#89

Benzo(a)pyrene

Concen: 2.95 ng

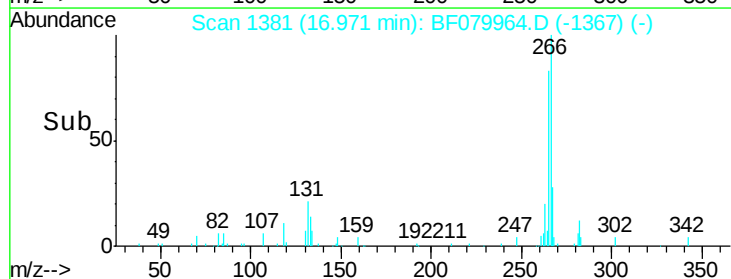
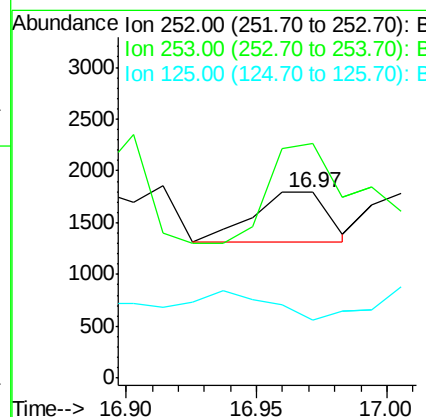
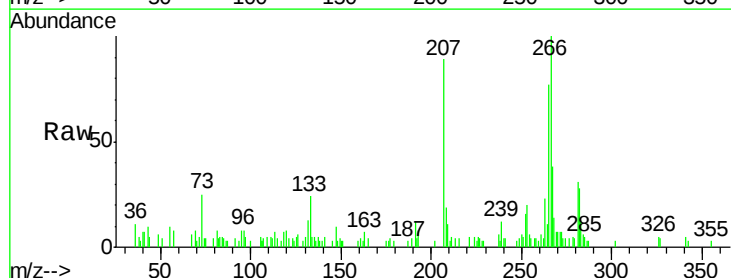
RT: 16.97 min Scan# 1381

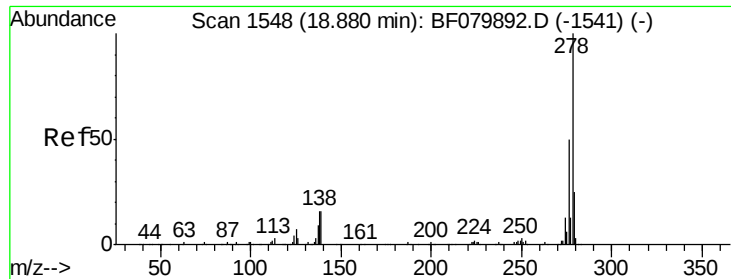
Delta R.T. -0.05 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

Tgt Ion:	252	Resp:	970
Ion	Ratio	Lower	Upper
252	100		
253	126.6	17.0	25.6#
125	30.9	9.7	14.5#





#90

Dibenzo(a,h)anthracene

Concen: 253.89 ng

RT: 18.85 min Scan# 1545

Delta R.T. -0.19 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W3-6.5-7

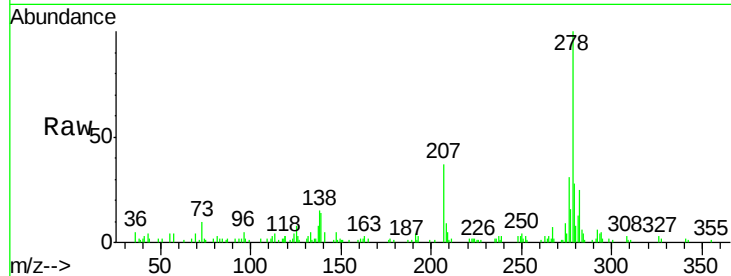
Tgt Ion:278 Resp: 82007

Ion Ratio Lower Upper

278 100

139 13.8 12.8 19.2

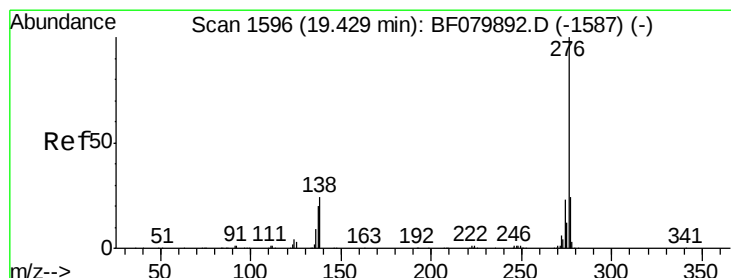
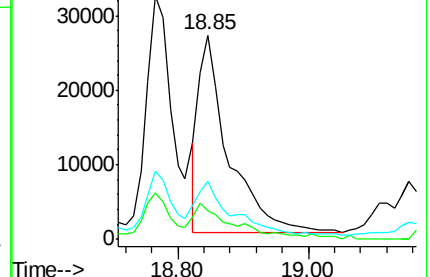
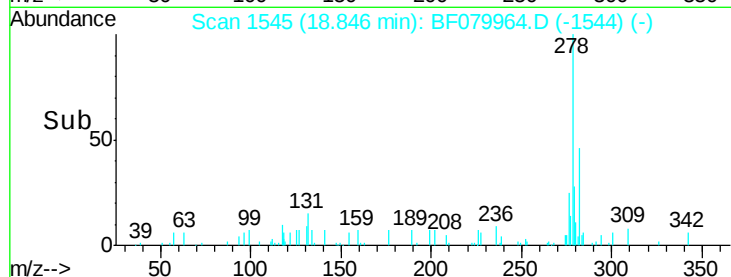
279 28.3 19.7 29.5



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



#91

Benzo(g,h,i)perylene

Concen: 320.02 ng

RT: 19.42 min Scan# 1595

Delta R.T. -0.17 min

Lab File: BF079964.D

Acq: 13 Jun 2015 7:46

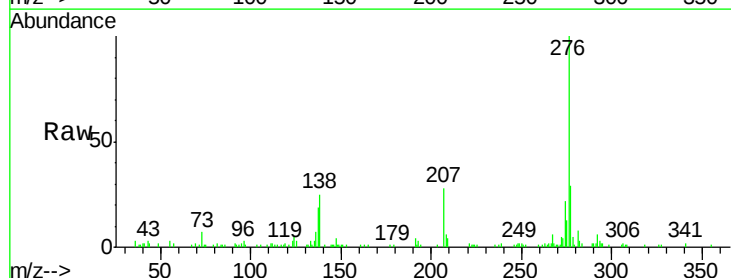
Tgt Ion:276 Resp: 106954

Ion Ratio Lower Upper

276 100

277 29.2 19.4 29.2#

138 25.4 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

