

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
 Data File : BF079902.D
 Acq On : 11 Jun 2015 18:36
 Operator : TP/IZ
 Sample : G2522-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: Jun 12 04:28:23 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 00:59:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	48287	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	189215	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	95607	20.00	ng	0.00
63) Phenanthrene-d10	11.98	188	201687	20.00	ng	0.00
75) Chrysene-d12	15.05	240	216449	20.00	ng	0.06
86) Perylene-d12	17.02	264	196607	20.00	ng	0.09

System Monitoring Compounds

5) 2-Fluorophenol	6.01	112	149478	51.87	ng	0.01
7) Phenol-d6	6.99	99	121145	32.13	ng	0.00
23) Nitrobenzene-d5	7.95	82	257287	80.88	ng	0.00
41) 2,4,6-Tribromophenol	11.26	330	122827	143.94	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	643735	94.89	ng	0.00
78) Terphenyl-d14	13.73	244	861022	90.39	ng	0.03

Target Compounds

						Qvalue
6) Aniline	7.15	93	567	0.10	ng	# 1
9) Benzaldehyde	6.99	77	311	0.14	ng	# 1
10) Phenol	7.00	94	549	0.14	ng	# 70
11) bis(2-Chloroethyl)ether	7.15	93	567	0.18	ng	# 1
15) Benzyl Alcohol	7.55	79	5043	1.67	ng	# 42
18) Hexachloroethane	7.93	117	470	0.36	ng	# 1
22) Acetophenone	7.79	105	1118	0.24	ng	# 69
24) Nitrobenzene	7.95	77	1155	0.35	ng	# 46
31) Naphthalene	8.71	128	421225	41.63	ng	# 99
33) 4-Chloroaniline	8.71	127	55614	13.64	ng	# 31
37) 2-Methylnaphthalene	9.51	142	84403	11.79	ng	# 99
45) 1,1'-Biphenyl	9.86	154	2405	0.31	ng	# 86
48) Acenaphthylene	10.32	152	76424	6.89	ng	# 98
49) Dimethylphthalate	10.15	163	323	0.04	ng	# 76
51) Acenaphthene	10.49	154	13306	2.07	ng	# 97
54) Dibenzofuran	10.66	168	1617	0.18	ng	# 84
55) 4-Nitrophenol	10.66	139	419	0.36	ng	# 1
57) Fluorene	11.02	166	2782	0.35	ng	# 94
59) Diethylphthalate	10.86	149	868	0.12	ng	# 60
62) Azobenzene	11.17	77	267	0.04	ng	# 17
65) n-Nitrosodiphenylamine	11.26	169	3906	0.58	ng	# 40
70) Phenanthrene	12.00	178	4288	0.35	ng	# 89
71) Anthracene	12.06	178	786	0.07	ng	# 60
72) Carbazole	12.22	167	3107	0.28	ng	# 97
73) Di-n-butylphthalate	12.55	149	2086	0.18	ng	# 79
74) Fluoranthene	13.30	202	472	0.04	ng	# 64
77) Pyrene	13.57	202	668	0.05	ng	# 57
79) Butylbenzylphthalate	14.29	149	229	0.05	ng	# 1
80) Benzo(a)anthracene	15.04	228	1483	0.12	ng	# 84
82) Chrysene	15.09	228	1573	0.13	ng	# 91
83) Bis(2-ethylhexyl)phthalate	15.02	149	1174	0.16	ng	# 52
85) Indeno(1,2,3-cd)pyrene	18.93	276	9704	0.75	ng	# 50
87) Benzo(b)fluoranthene	16.45	252	2605	0.22	ng	# 86
88) Benzo(k)fluoranthene	16.49	252	3584	0.29	ng	# 70

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 00:59:58 2015
Response via : Initial Calibration

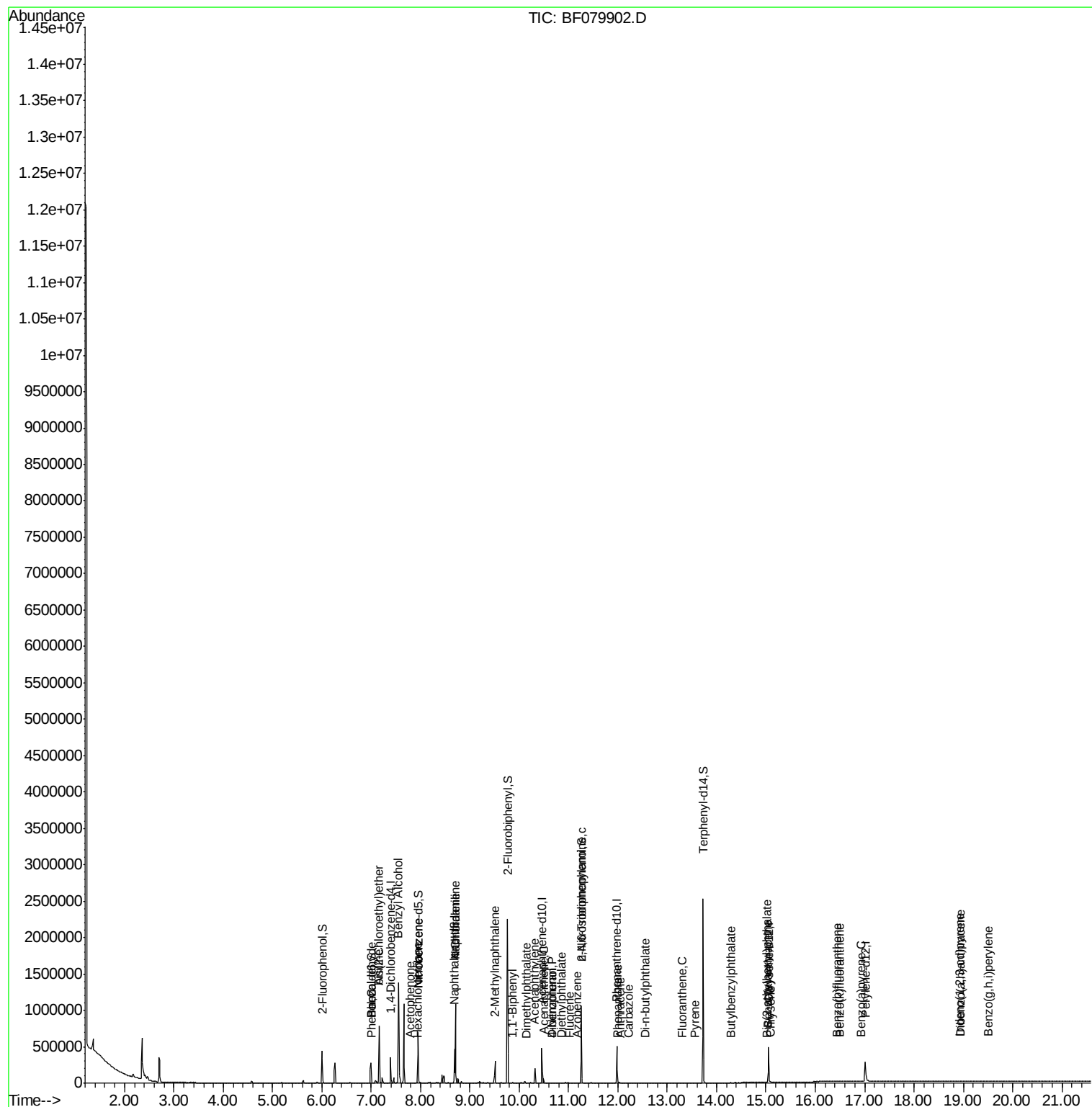
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	16.93	252	3840	0.35	ng	# 86
90) Dibenzo(a,h)anthracene	18.95	278	6960	0.68	ng	# 85
91) Benzo(g,h,i)perylene	19.51	276	9224	0.85	ng	98

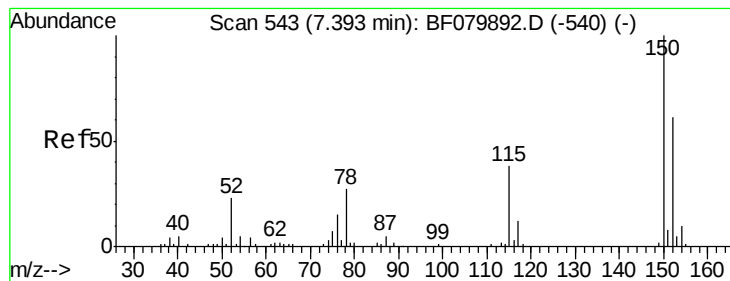
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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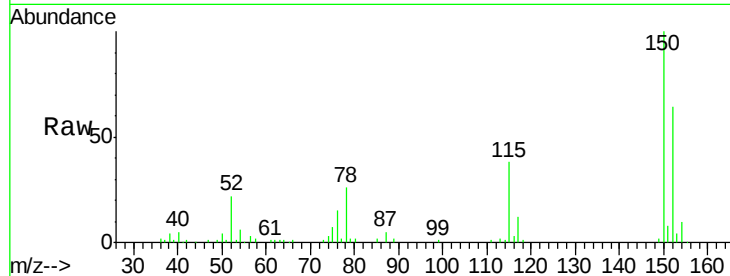


#1

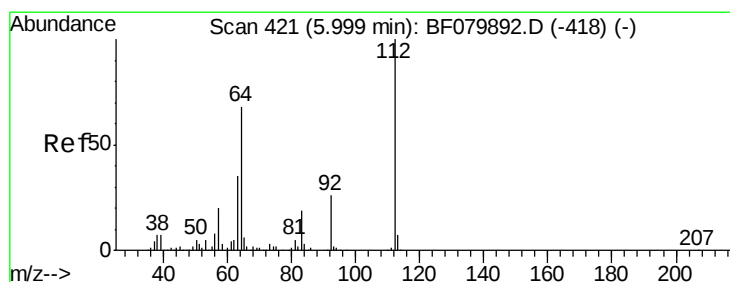
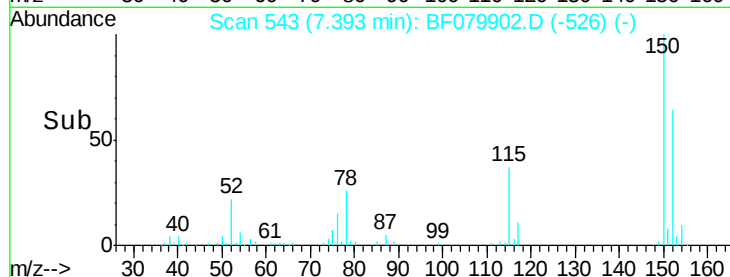
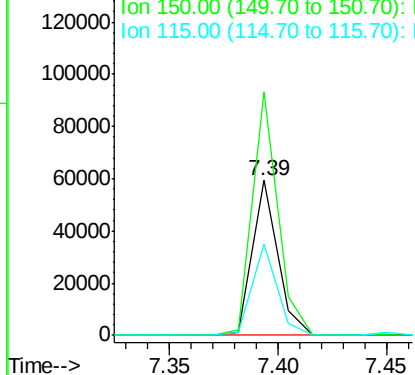
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:152 Resp: 48287
Ion Ratio Lower Upper
152 100
150 157.0 131.0 196.4
115 59.2 49.8 74.6



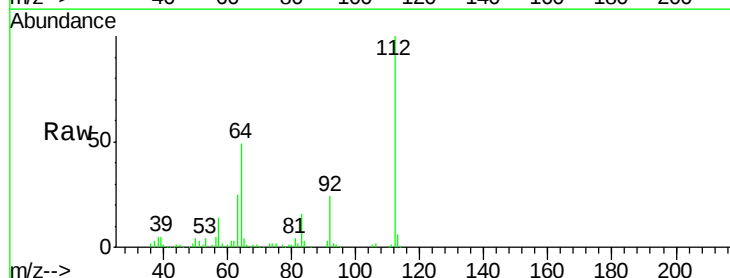
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



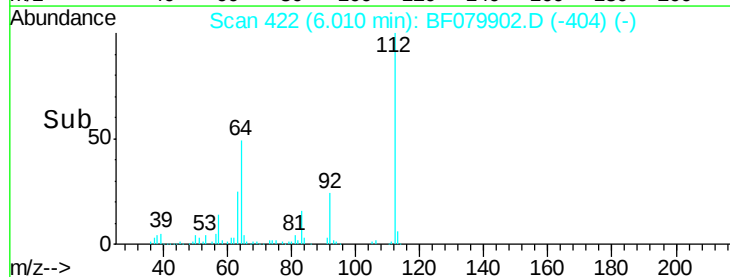
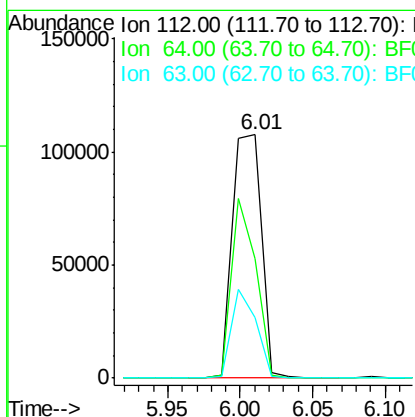
#5

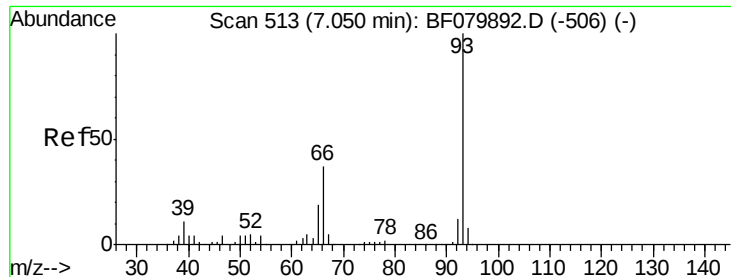
2-Fluorophenol
Concen: 51.87 ng
RT: 6.01 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

Tgt Ion:112 Resp: 149478
Ion Ratio Lower Upper
112 100
64 49.0 54.5 81.7#
63 24.7 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





#6

Aniline

Concen: 0.10 ng

RT: 7.15 min Scan# 522

Delta R.T. 0.10 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampleId :

MW-18

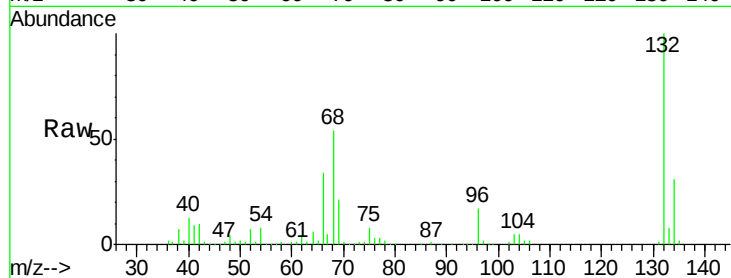
Tgt Ion: 93 Resp: 567

Ion Ratio Lower Upper

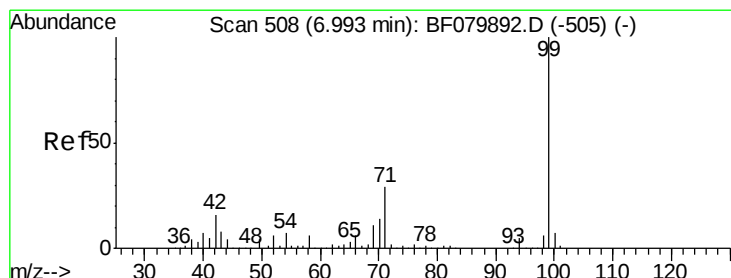
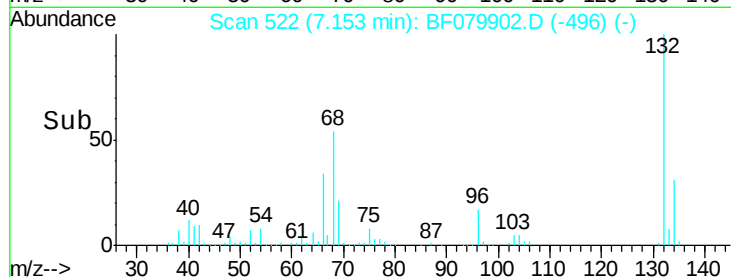
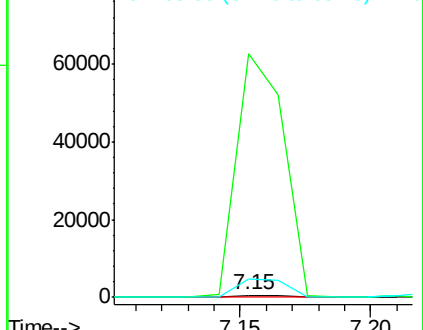
93 100

66 14394.5 29.4 44.0#

65 1057.7 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 32.13 ng

RT: 6.99 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

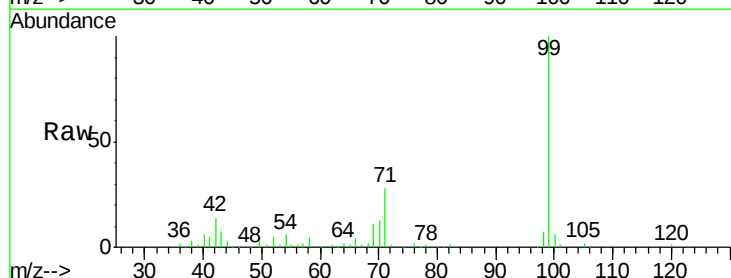
Tgt Ion: 99 Resp: 121145

Ion Ratio Lower Upper

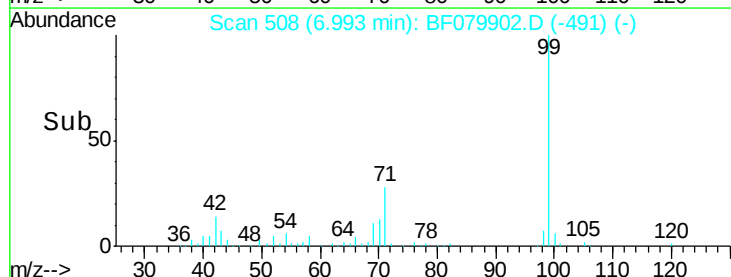
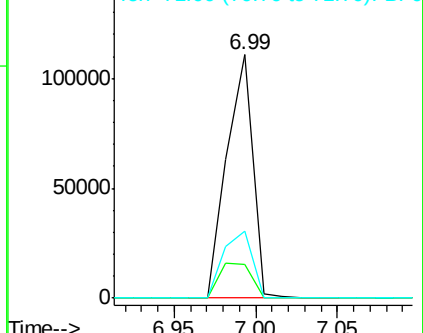
99 100

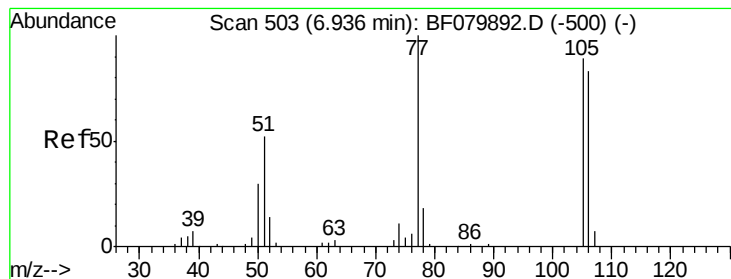
42 13.7 12.9 19.3

71 27.7 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 0.14 ng

RT: 6.99 min Scan# 508

Delta R.T. 0.06 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

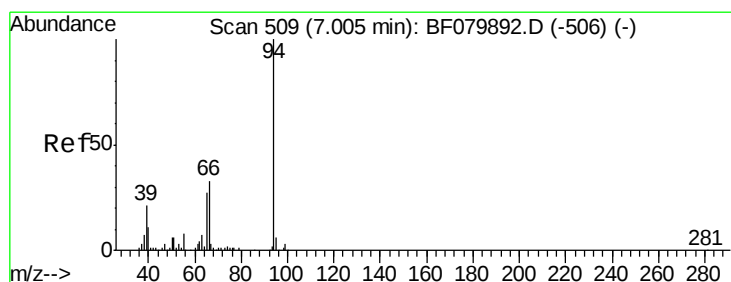
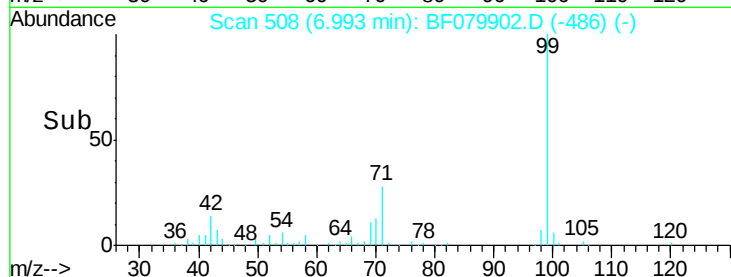
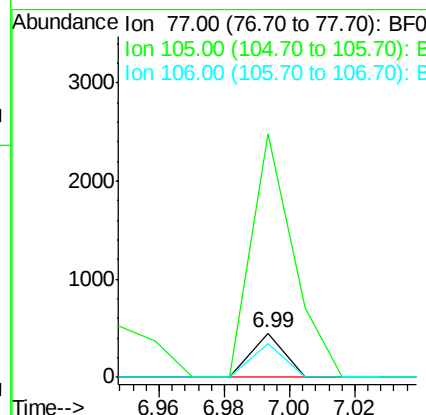
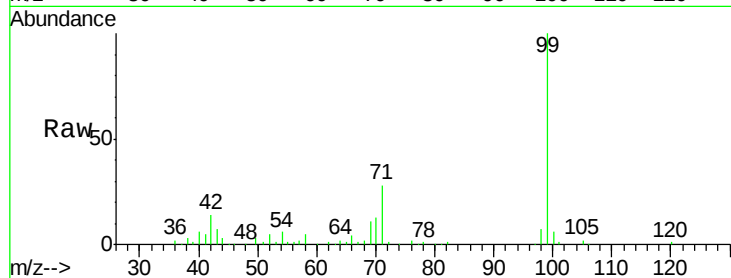
BNA_F

ClientSampleId :

MW-18

Tgt Ion: 77 Resp: 311

Ion	Ratio	Lower	Upper
77	100		
105	547.9	68.6	108.6#
106	75.3	63.3	103.3



#10

Phenol

Concen: 0.14 ng

RT: 7.00 min Scan# 509

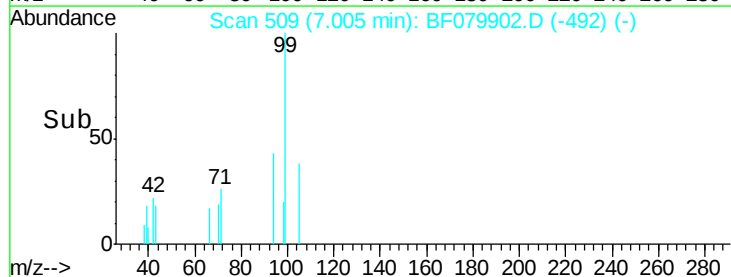
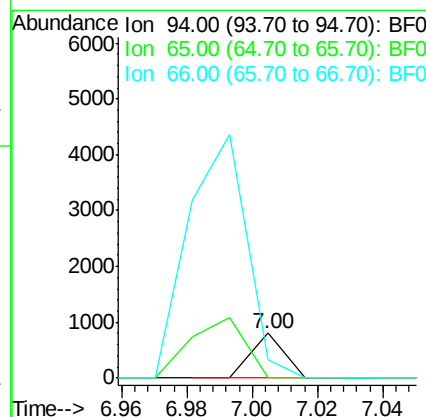
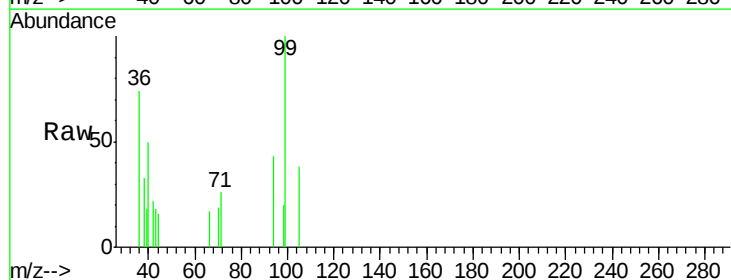
Delta R.T. -0.00 min

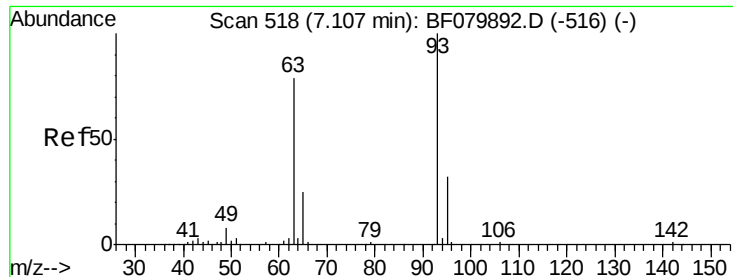
Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Tgt Ion: 94 Resp: 549

Ion	Ratio	Lower	Upper
94	100		
65	0.0	7.0	47.0#
66	40.4	13.3	53.3

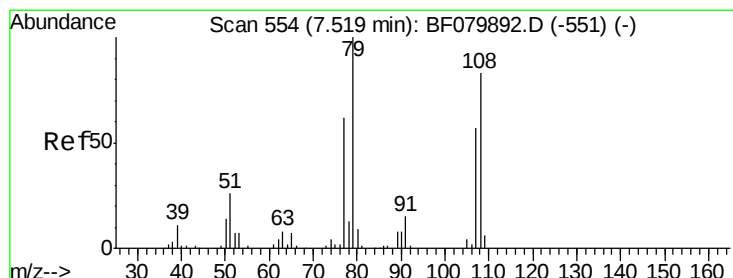
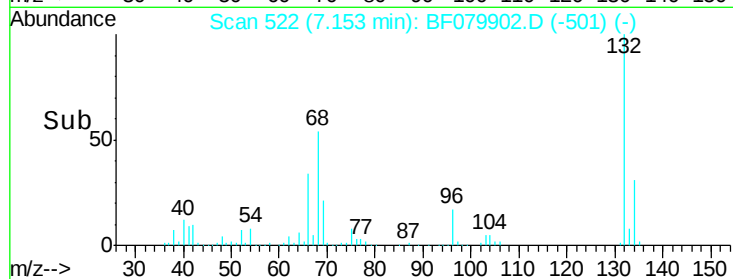
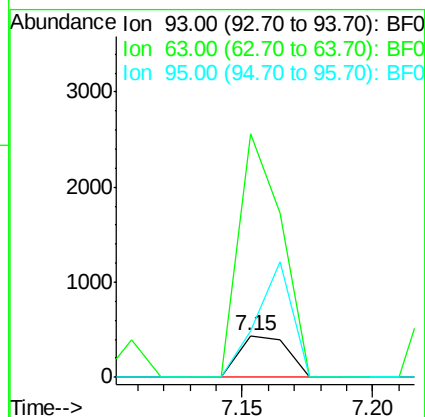
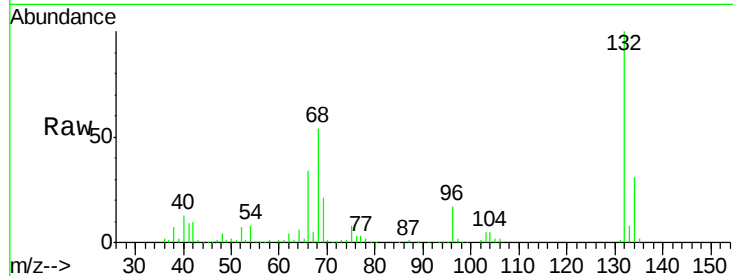




#11
bis(2-Chloroethyl)ether
Concen: 0.18 ng
RT: 7.15 min Scan# 522
Delta R.T. 0.05 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

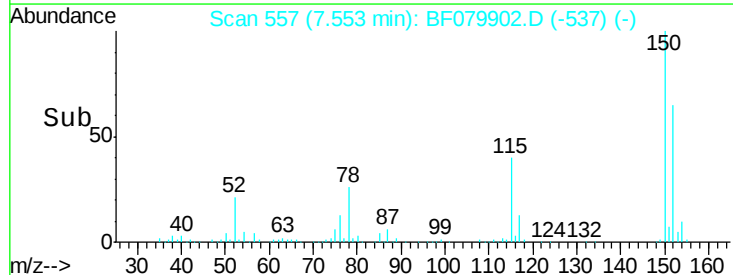
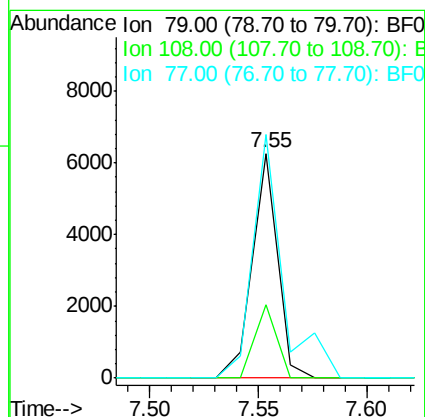
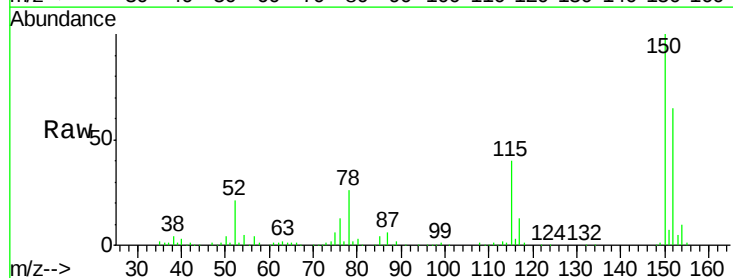
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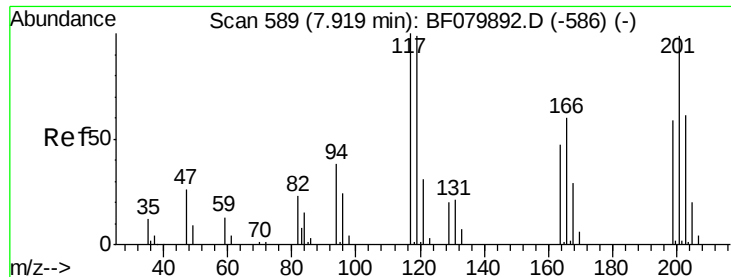
Tgt Ion: 93 Resp: 567
Ion Ratio Lower Upper
93 100
63 588.5 58.7 98.7#
95 111.3 11.5 51.5#



#15
Benzyl Alcohol
Concen: 1.67 ng
RT: 7.55 min Scan# 557
Delta R.T. 0.03 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

Tgt Ion: 79 Resp: 5043
Ion Ratio Lower Upper
79 100
108 32.5 66.4 99.6#
77 108.5 49.4 74.0#

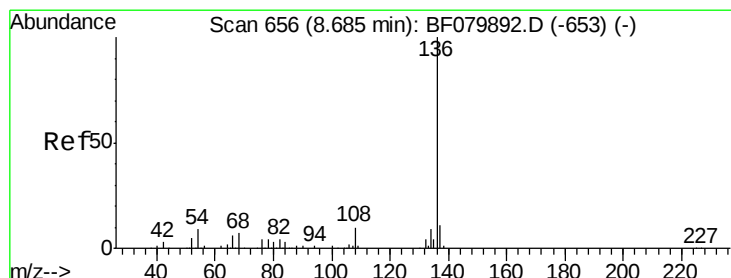
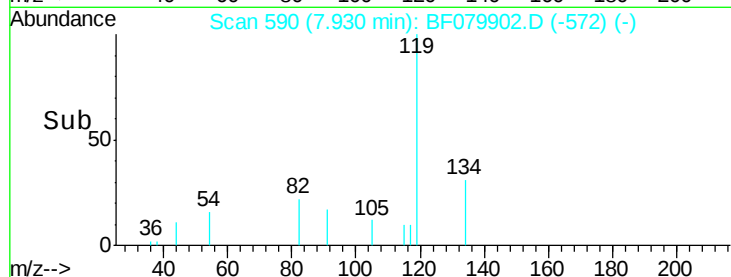
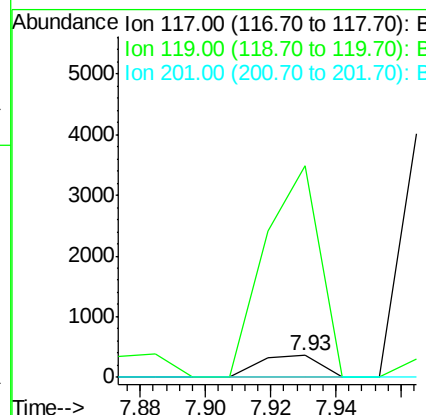
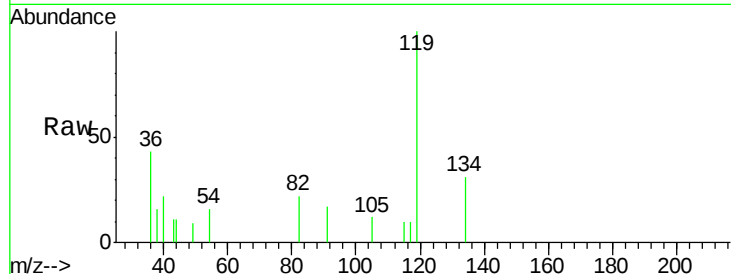




#18
Hexachloroethane
Concen: 0.36 ng
RT: 7.93 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

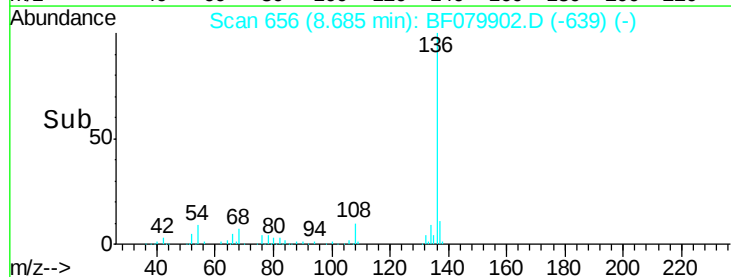
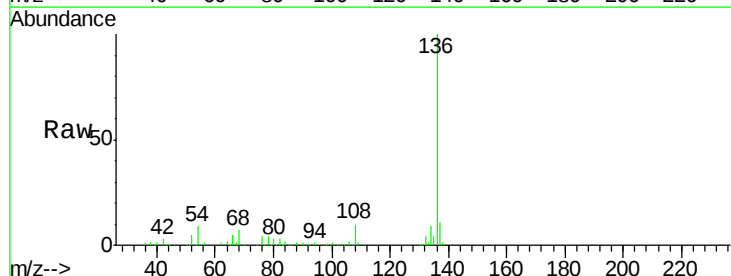
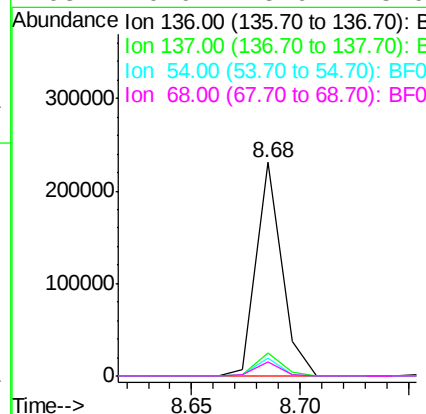
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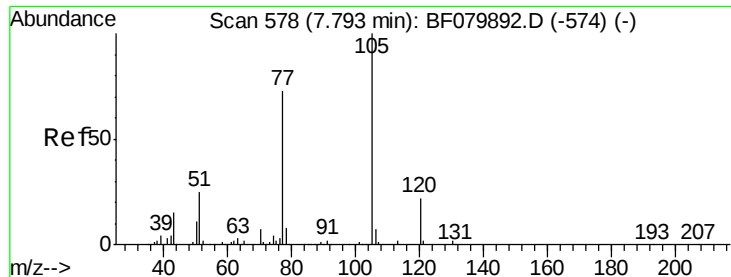
Tgt Ion:117 Resp: 470
Ion Ratio Lower Upper
117 100
119 973.7 79.0 118.6#
201 0.0 79.0 118.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.68 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

Tgt Ion:136 Resp: 189215
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.7 7.3 10.9
68 6.9 5.9 8.9





#22

Acetophenone

Concen: 0.24 ng

RT: 7.79 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampleId :

MW-18

Tgt Ion: 105 Resp: 1118

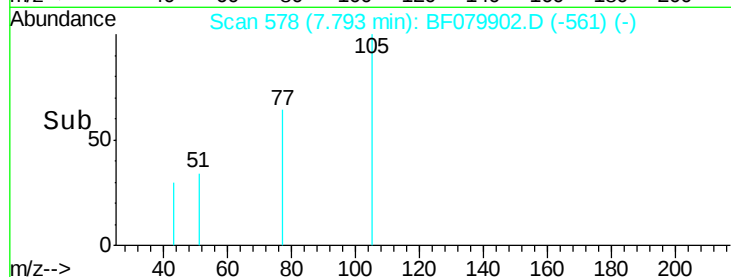
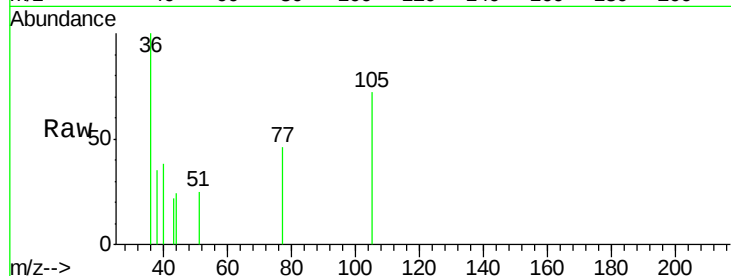
Ion Ratio Lower Upper

105 100

71 0.0 1.0 1.4#

51 34.3 19.8 29.6#

120 0.0 17.6 26.4#

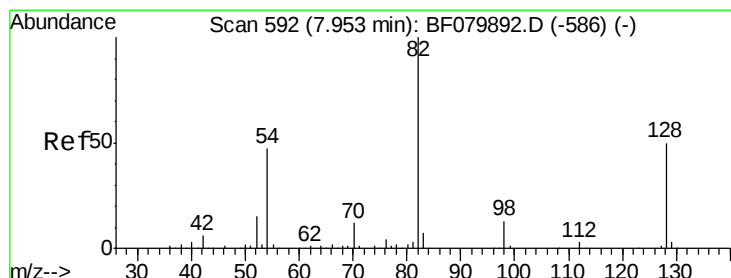
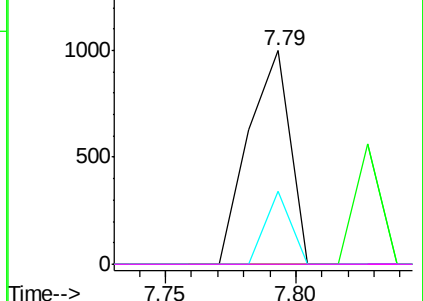


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 80.88 ng

RT: 7.95 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

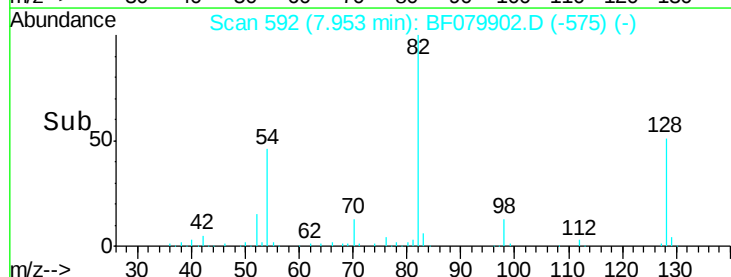
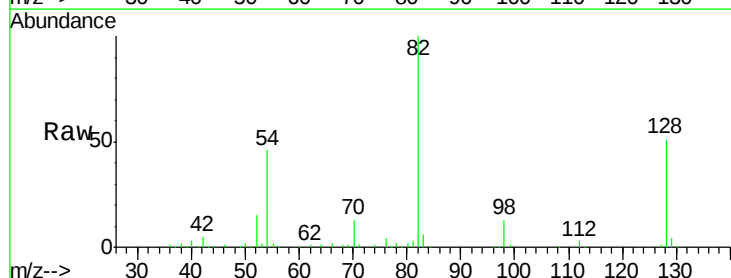
Tgt Ion: 82 Resp: 257287

Ion Ratio Lower Upper

82 100

128 50.9 40.3 60.5

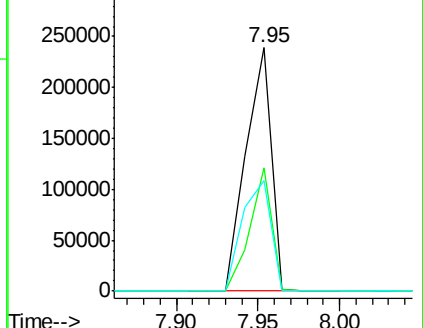
54 45.6 38.0 57.0

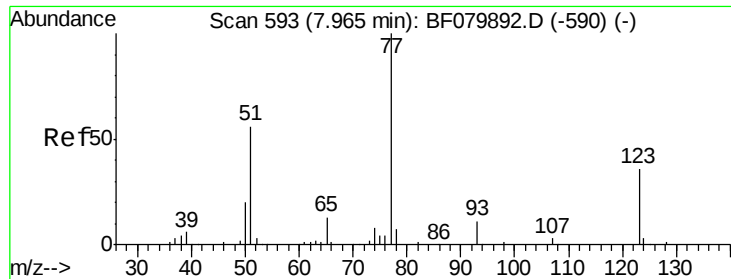


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.35 ng

RT: 7.95 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampleId :

MW-18

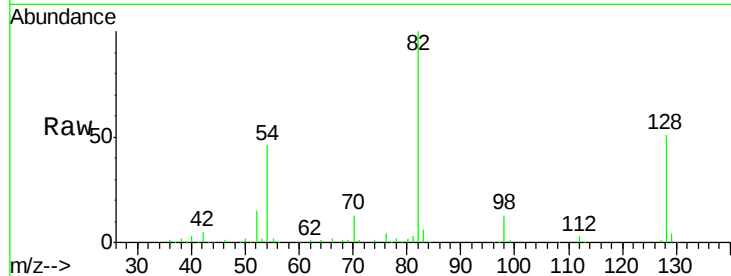
Tgt Ion: 77 Resp: 1155

Ion Ratio Lower Upper

77 100

123 0.0 28.8 43.2#

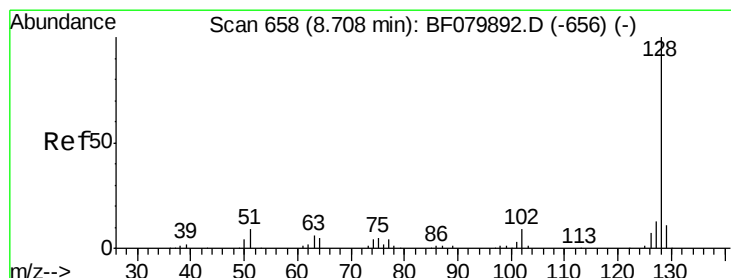
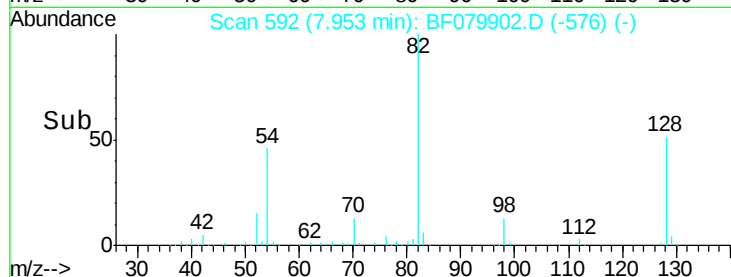
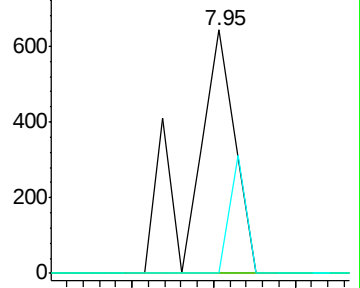
65 0.0 10.3 15.5#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BF0



#31

Naphthalene

Concen: 41.63 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

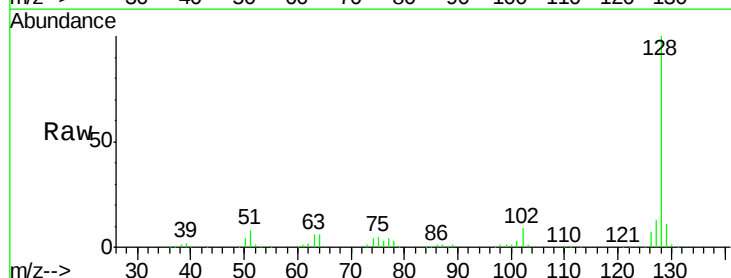
Tgt Ion: 128 Resp: 421225

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

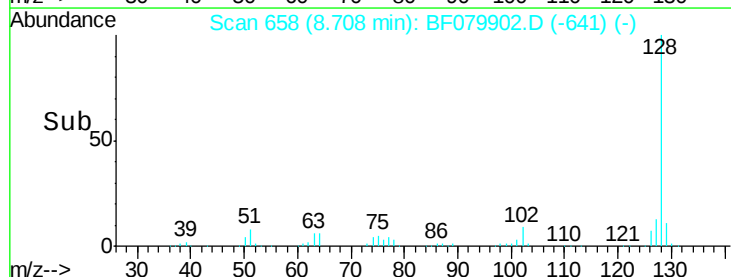
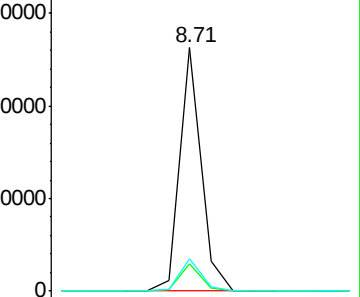
127 13.2 10.5 15.7

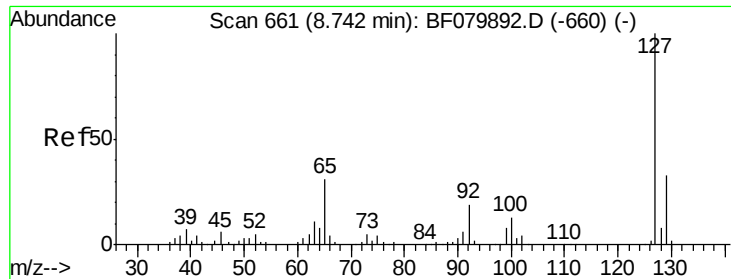


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

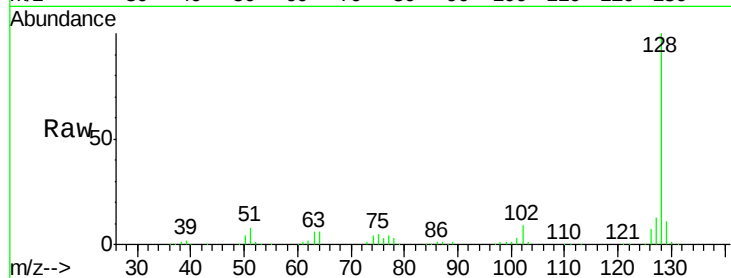




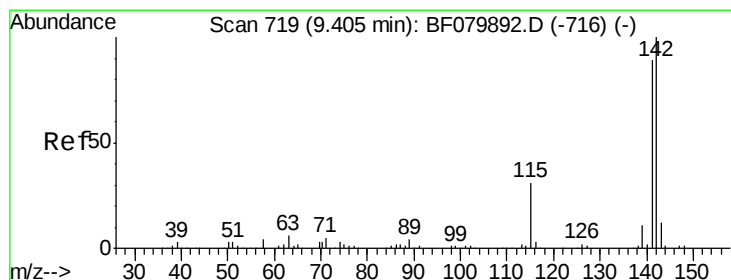
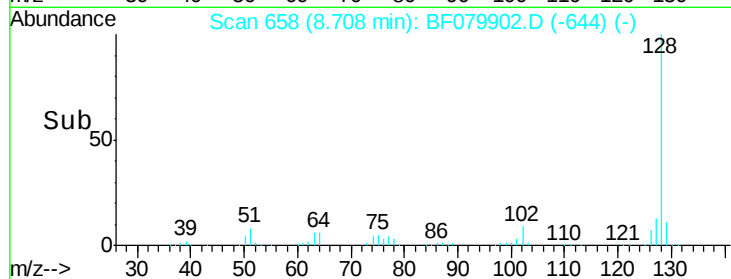
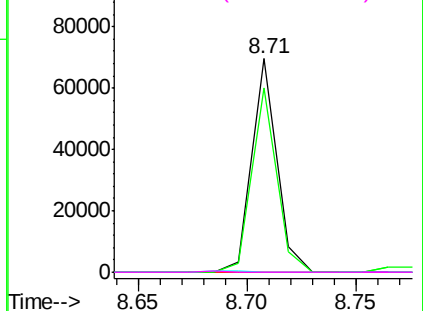
#33
4-Chloroaniline
Concen: 13.64 ng
RT: 8.71 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:127 Resp: 55614
Ion Ratio Lower Upper
127 100
129 86.1 26.1 39.1#
65 0.0 25.5 38.3#
92 0.0 15.7 23.5#

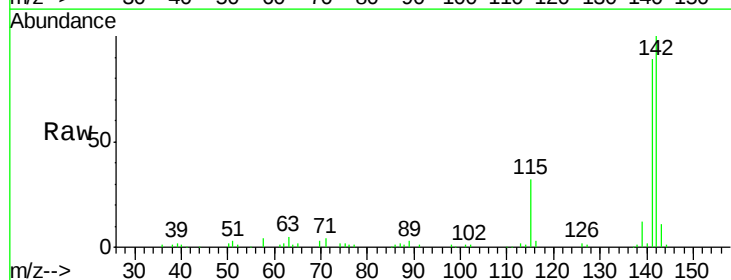


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

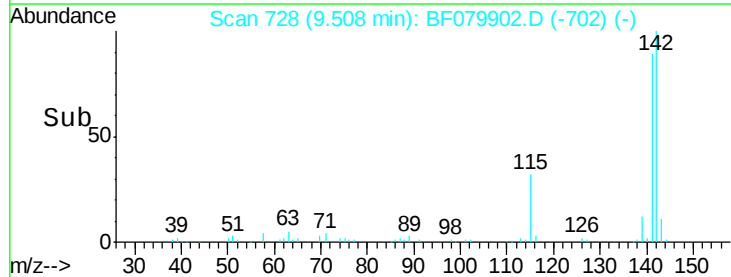
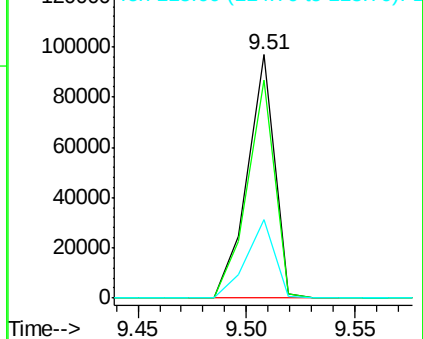


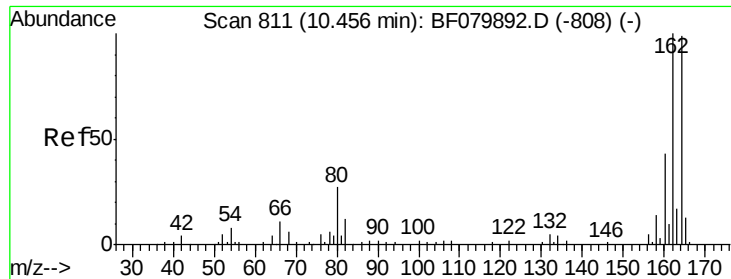
#37
2-Methylnaphthalene
Concen: 11.79 ng
RT: 9.51 min Scan# 728
Delta R.T. 0.10 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

Tgt Ion:142 Resp: 84403
Ion Ratio Lower Upper
142 100
141 89.4 70.9 106.3
115 32.2 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: 10.46 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampled :

MW-18

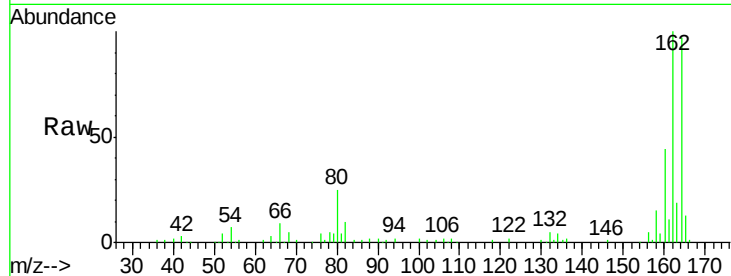
Tgt Ion:164 Resp: 95607

Ion Ratio Lower Upper

164 100

162 103.1 80.7 121.1

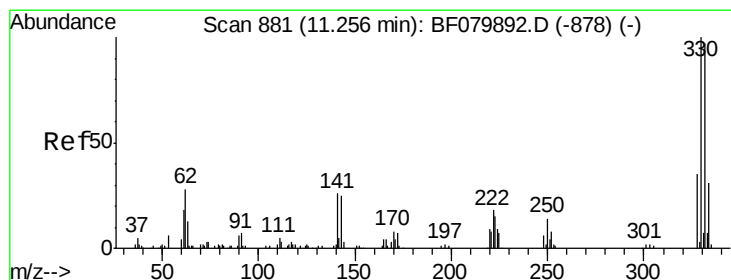
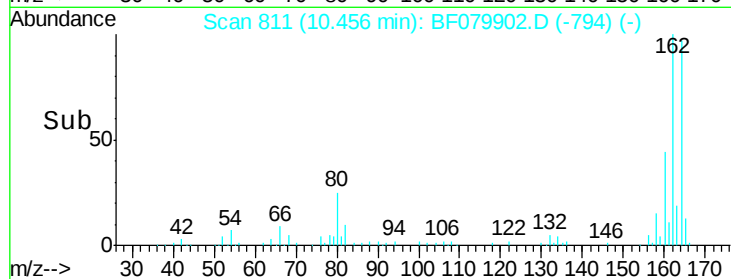
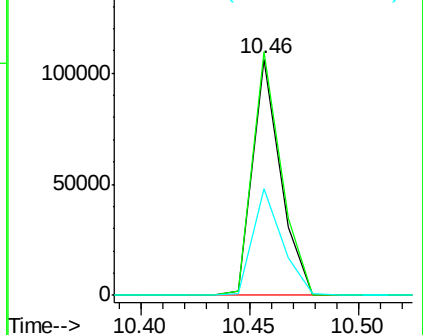
160 45.2 34.6 51.8



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: 143.94 ng

RT: 11.26 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

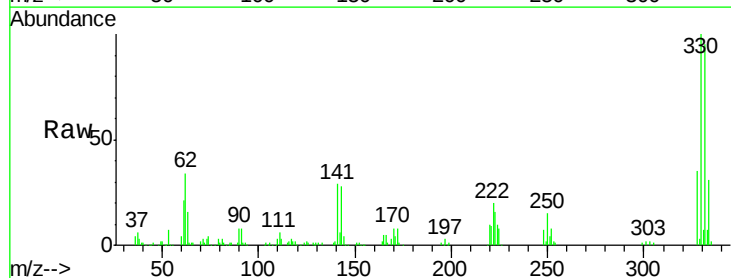
Tgt Ion:330 Resp: 122827

Ion Ratio Lower Upper

330 100

332 95.3 77.3 115.9

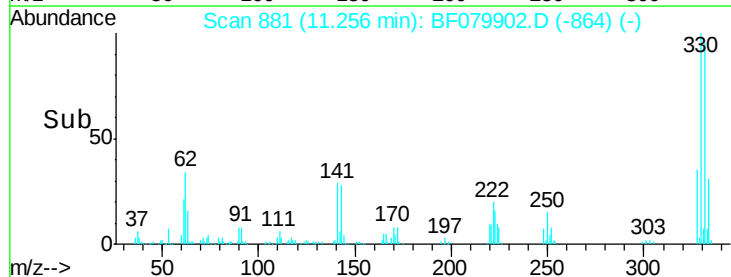
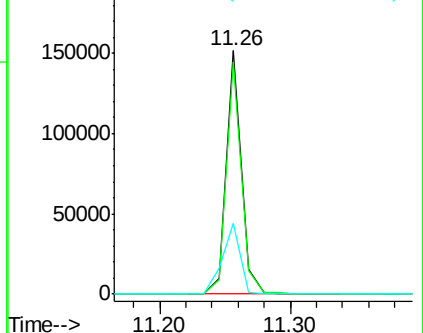
141 34.4 26.8 40.2

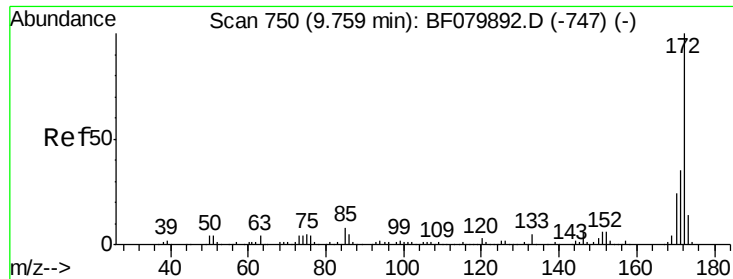


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

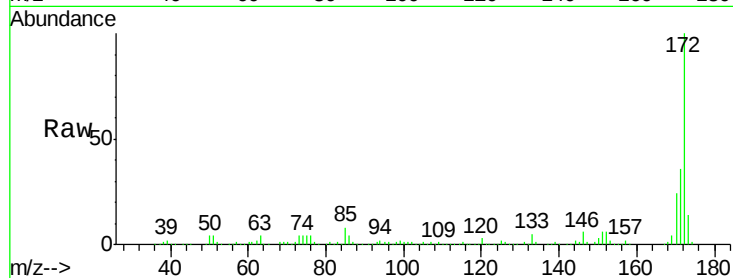




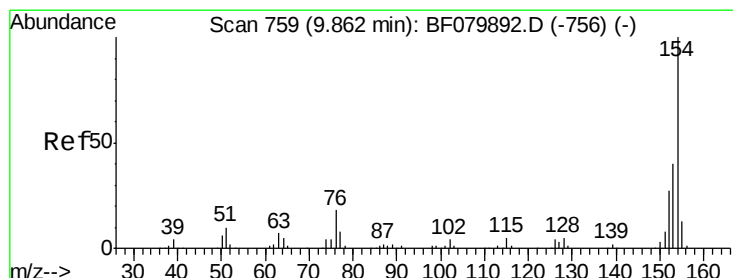
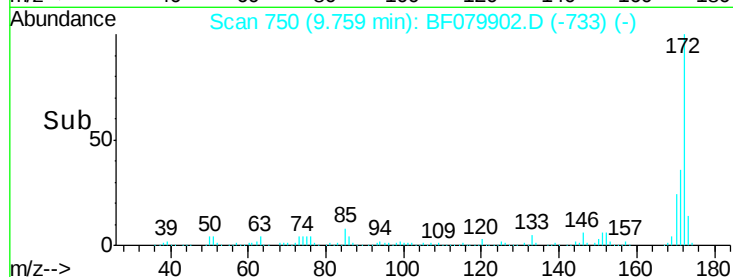
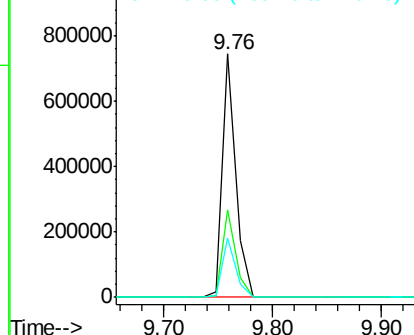
#44
 2-Fluorobiphenyl
 Concen: 94.89 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF079902.D
 Acq: 11 Jun 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Tgt Ion:172 Resp: 643735
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.3 42.5
 170 24.2 19.0 28.4

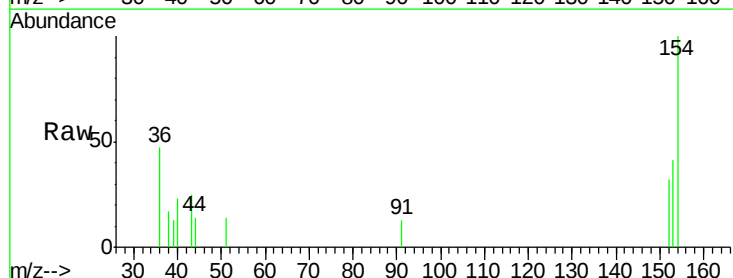


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

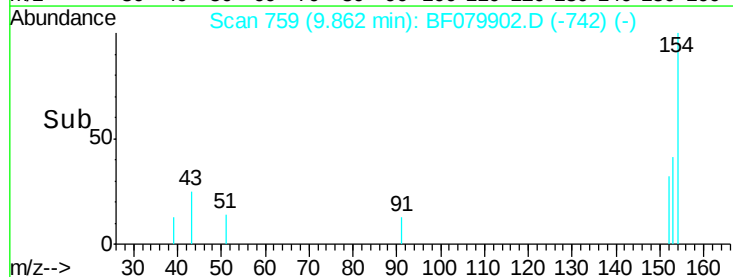
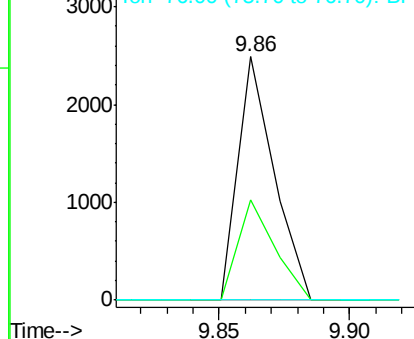


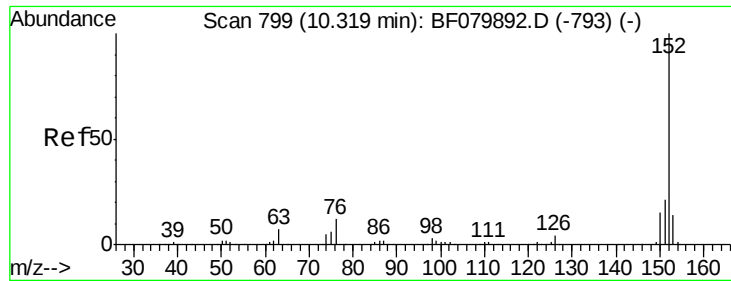
#45
 1,1'-Biphenyl
 Concen: 0.31 ng
 RT: 9.86 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF079902.D
 Acq: 11 Jun 2015 18:36

Tgt Ion:154 Resp: 2405
 Ion Ratio Lower Upper
 154 100
 153 41.4 20.1 60.1
 76 0.0 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





#48

Acenaphthylene

Concen: 6.89 ng

RT: 10.32 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampleId :

MW-18

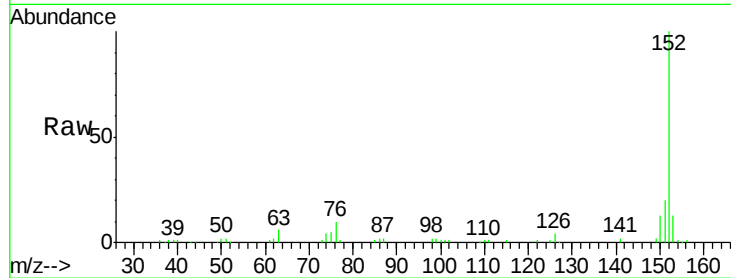
Tgt Ion:152 Resp: 76424

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

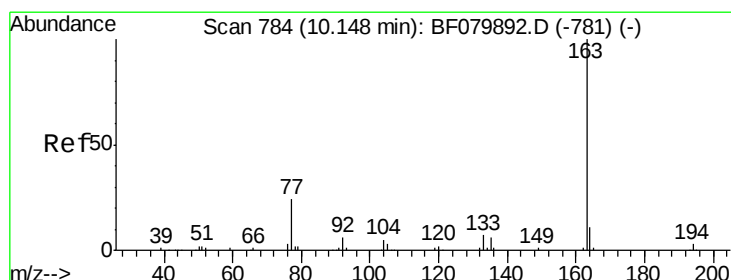
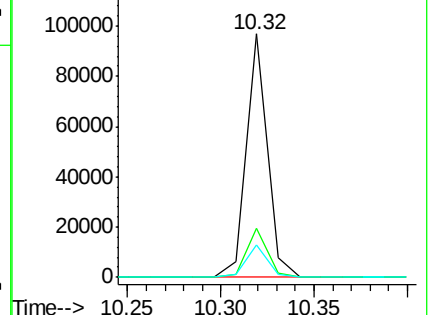
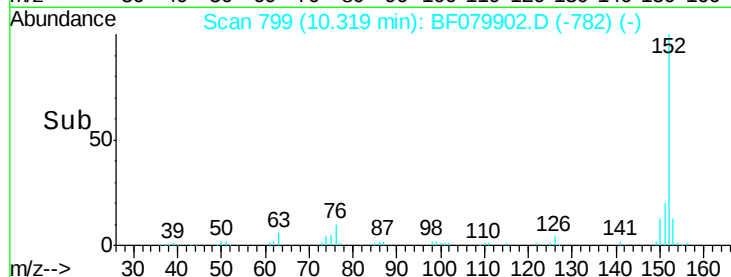
153 13.1 10.8 16.2



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



#49

Dimethylphthalate

Concen: 0.04 ng

RT: 10.15 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

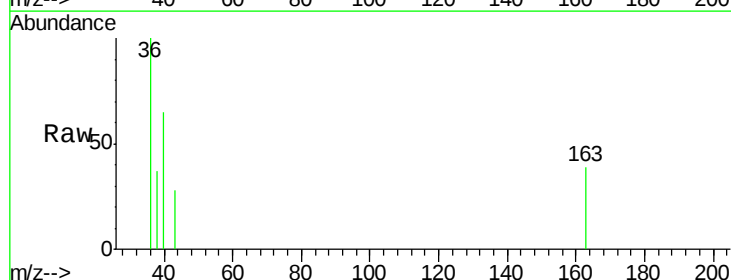
Tgt Ion:163 Resp: 323

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

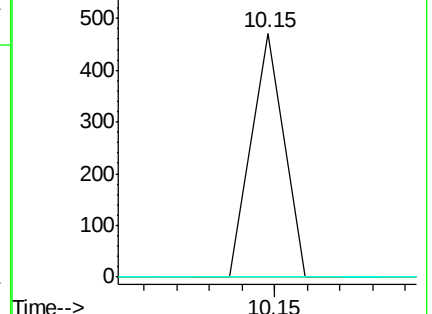
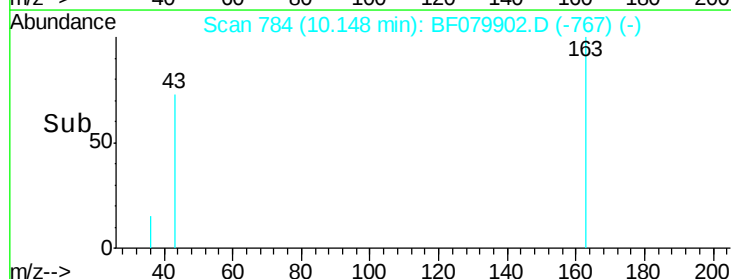
164 0.0 8.6 12.8#

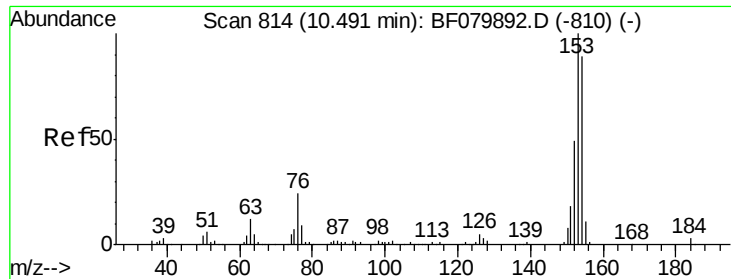


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.07 ng

RT: 10.49 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampleId :

MW-18

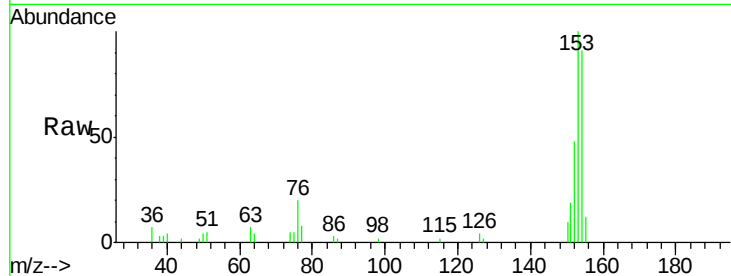
Tgt Ion:154 Resp: 13306

Ion Ratio Lower Upper

154 100

153 109.5 90.0 135.0

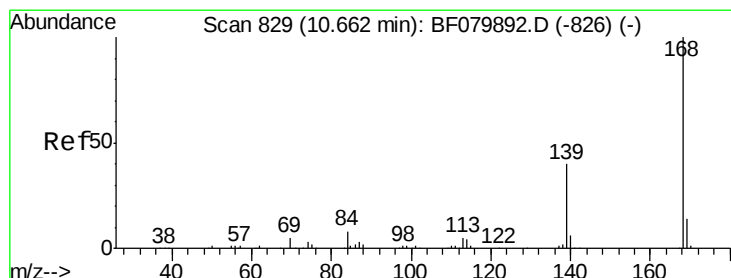
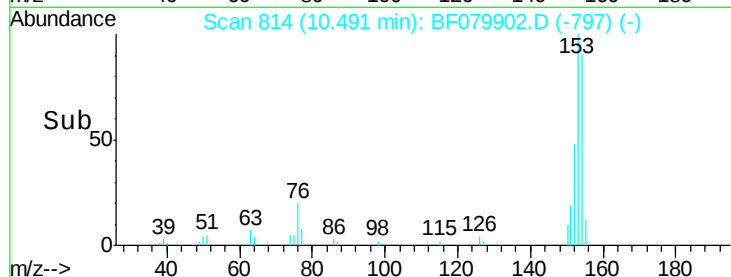
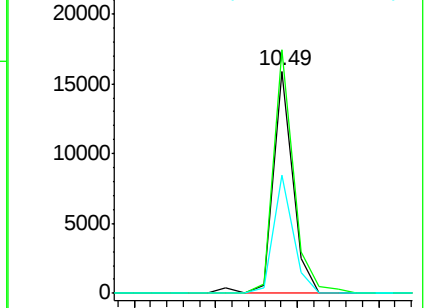
152 52.9 43.7 65.5



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: 0.18 ng

RT: 10.66 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

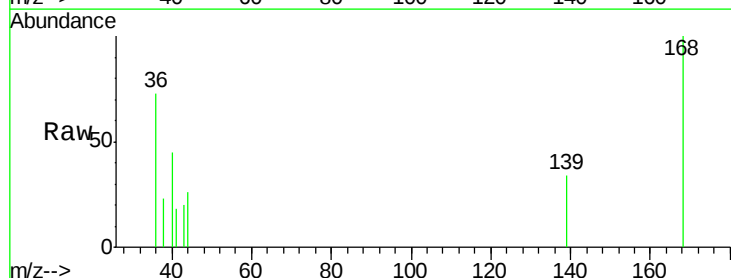
Tgt Ion:168 Resp: 1617

Ion Ratio Lower Upper

168 100

139 34.4 32.2 48.2

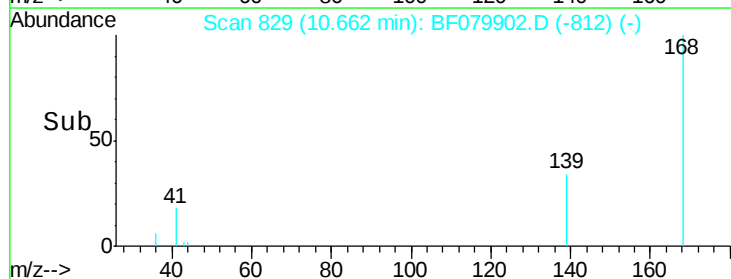
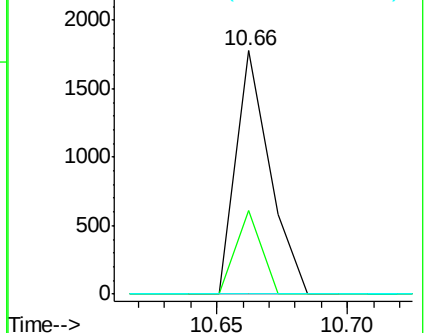
169 0.0 11.0 16.6#

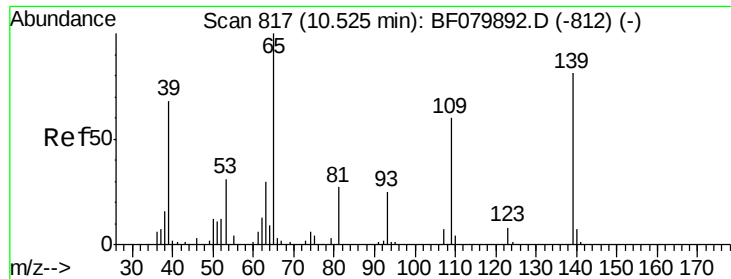


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

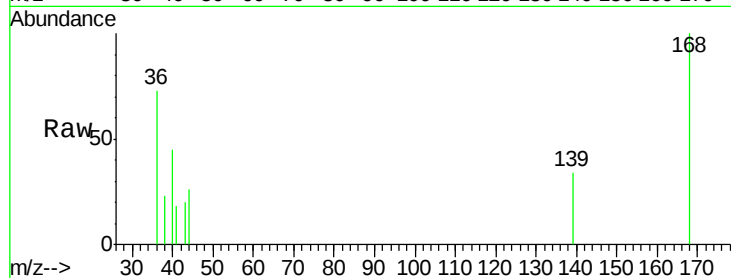




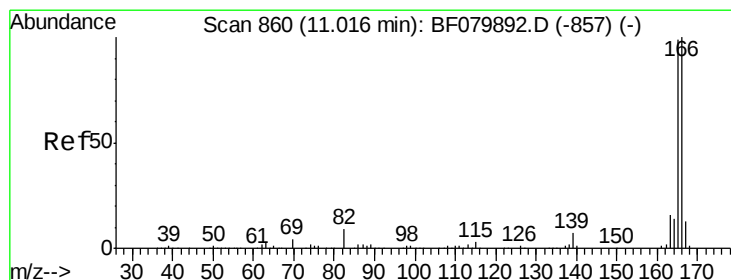
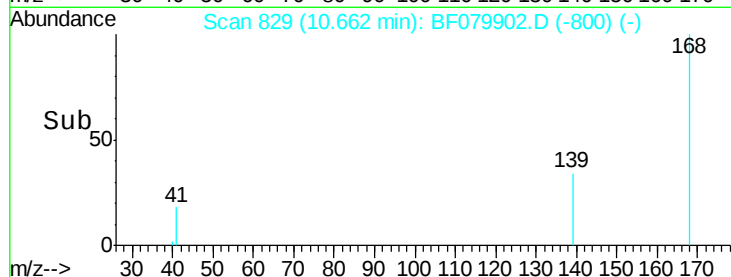
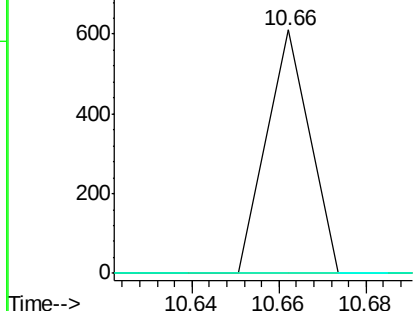
#55
4-Nitrophenol
Concen: 0.36 ng
RT: 10.66 min Scan# 829
Delta R.T. 0.14 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:139 Resp: 419
Ion Ratio Lower Upper
139 100
109 0.0 54.8 94.8#
65 0.0 104.8 144.8#

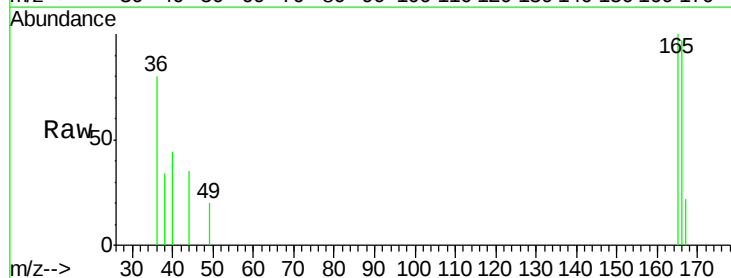


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

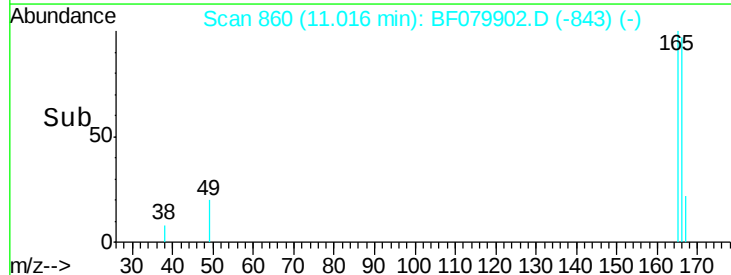
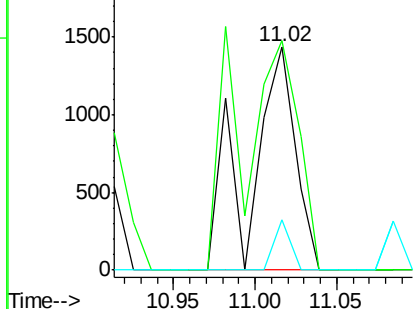


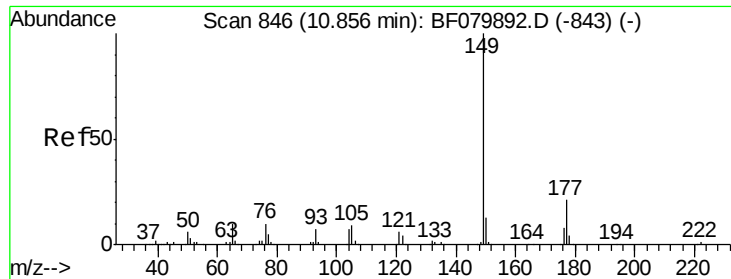
#57
Fluorene
Concen: 0.35 ng
RT: 11.02 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

Tgt Ion:166 Resp: 2782
Ion Ratio Lower Upper
166 100
165 102.8 79.0 118.6
167 22.4 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

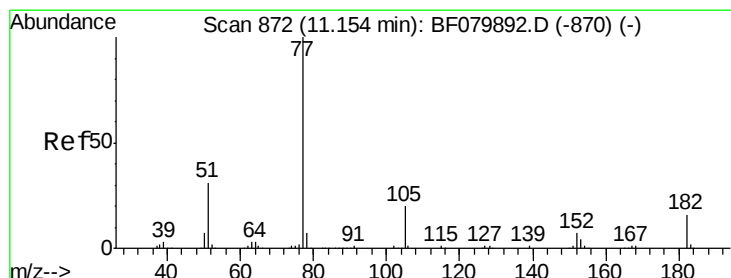
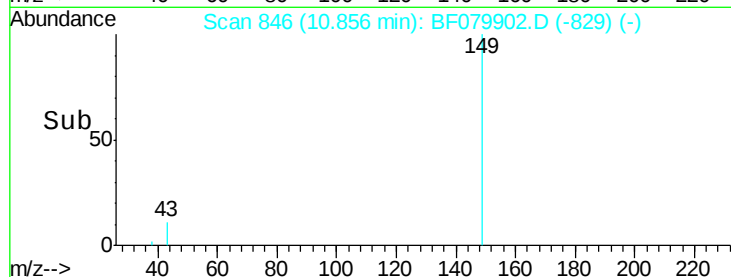
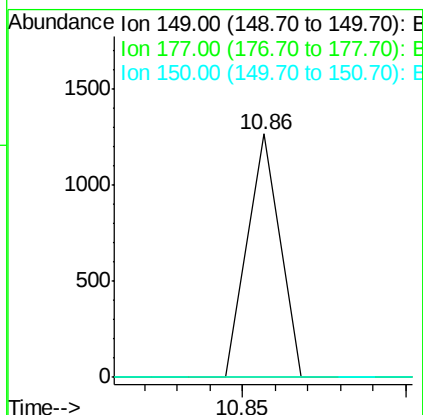
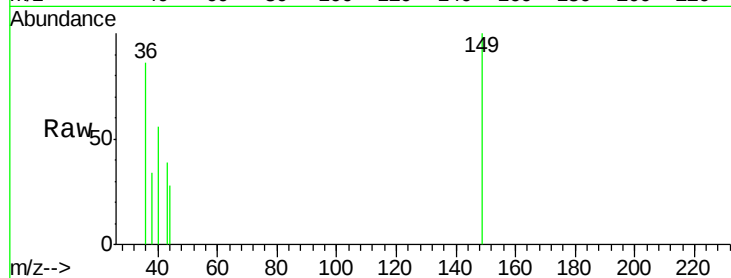




#59
Diethylphthalate
Concen: 0.12 ng
RT: 10.86 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

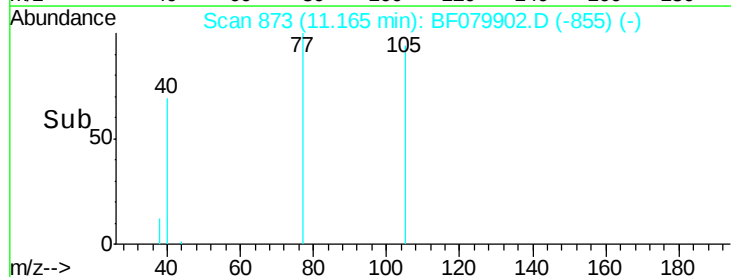
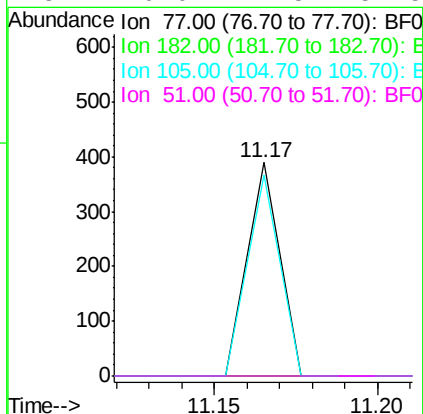
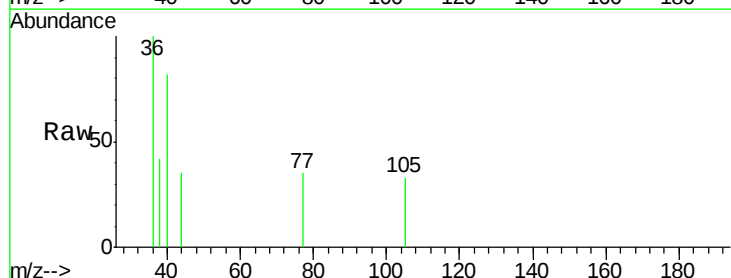
Instrument :
BNA_F
ClientSampleId :
MW-18

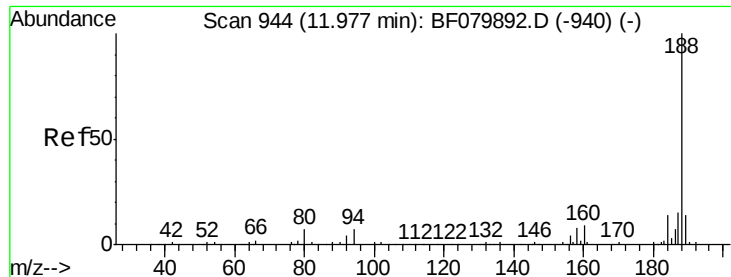
Tgt Ion: 149 Resp: 868
Ion Ratio Lower Upper
149 100
177 0.0 16.9 25.3#
150 0.0 10.4 15.6#



#62
Azobenzene
Concen: 0.04 ng
RT: 11.17 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

Tgt Ion: 77 Resp: 267
Ion Ratio Lower Upper
77 100
182 0.0 0.0 35.9
105 94.4 0.1 40.1#
51 0.0 11.5 51.5#

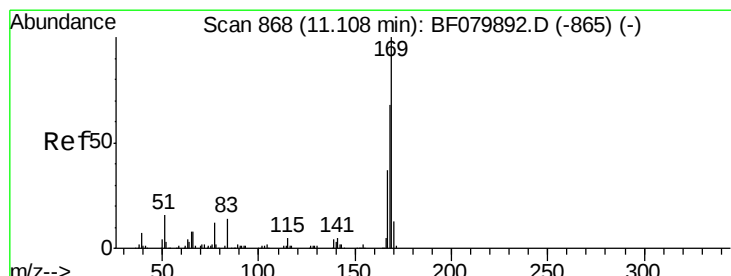
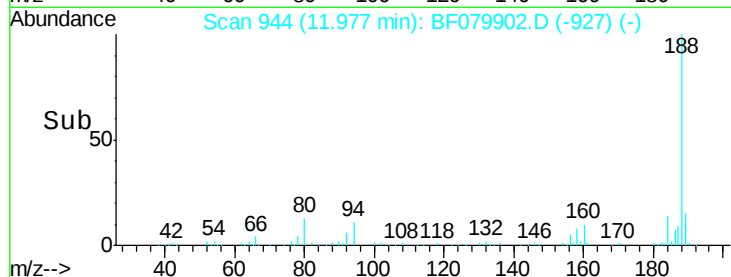
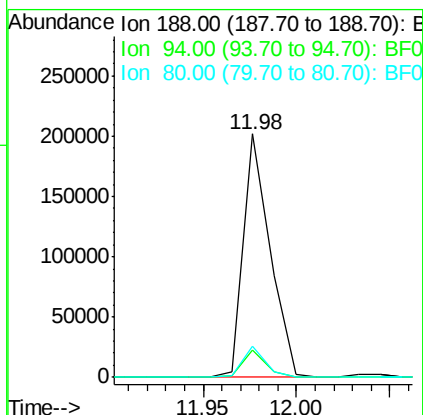
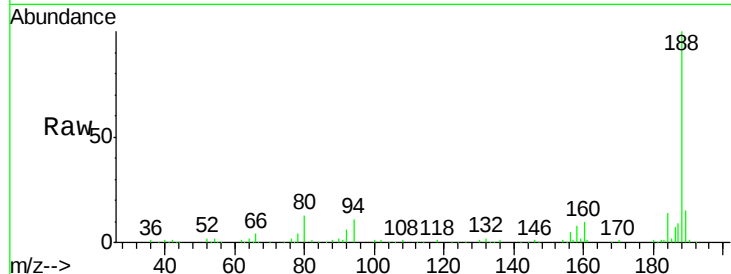




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.98 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

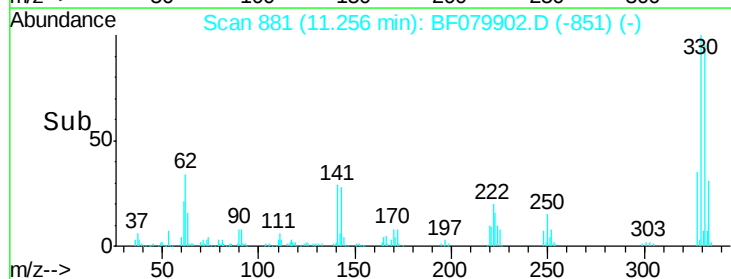
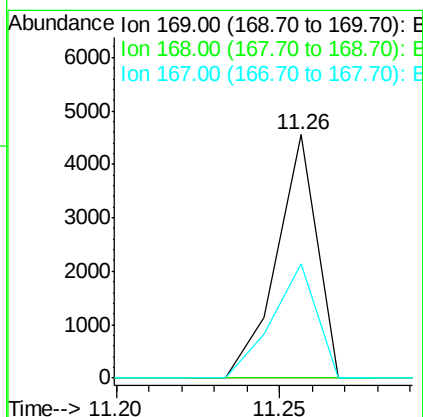
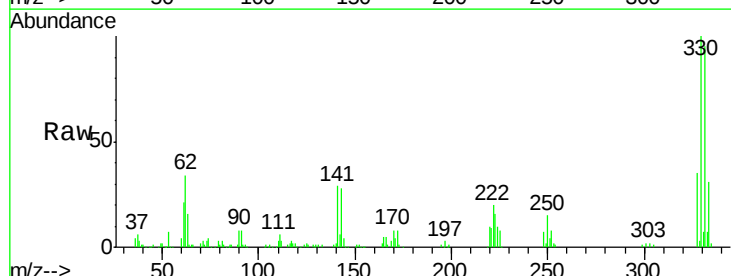
Instrument :
BNA_F
ClientSampleId :
MW-18

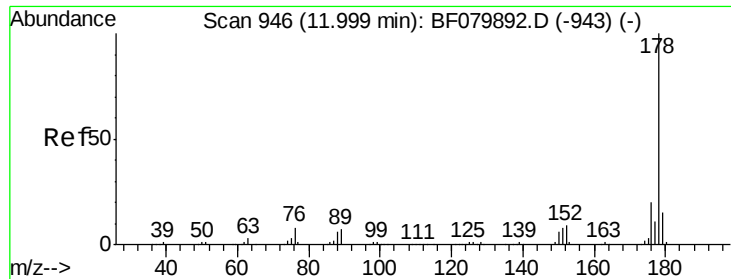
Tgt Ion:188 Resp: 201687
Ion Ratio Lower Upper
188 100
94 11.3 5.8 8.8#
80 12.8 5.9 8.9#



#65
n-Nitrosodiphenylamine
Concen: 0.58 ng
RT: 11.26 min Scan# 881
Delta R.T. 0.15 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

Tgt Ion:169 Resp: 3906
Ion Ratio Lower Upper
169 100
168 0.0 54.2 81.4#
167 47.1 29.7 44.5#

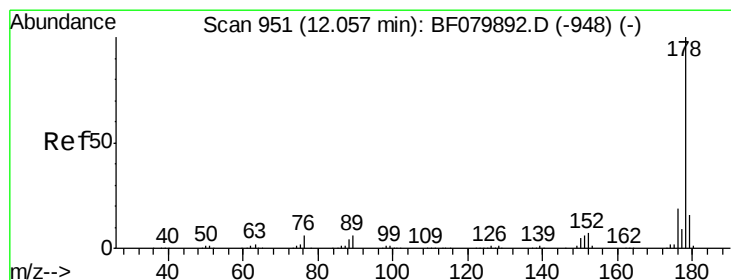
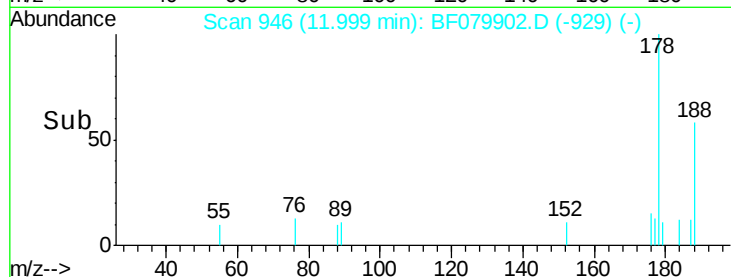
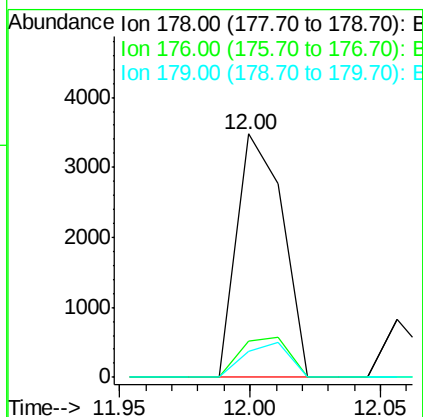
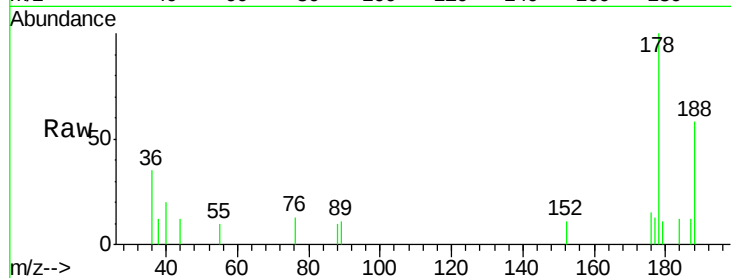




#70
Phenanthrene
Concen: 0.35 ng
RT: 12.00 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

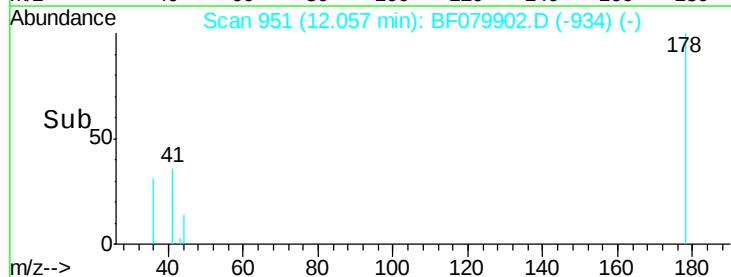
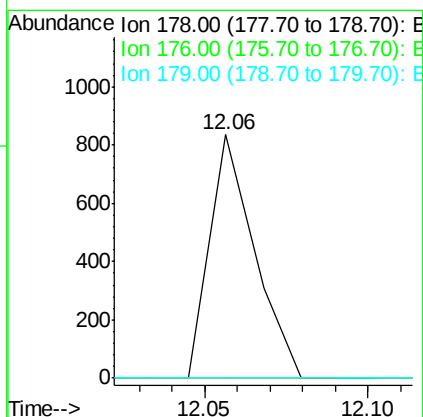
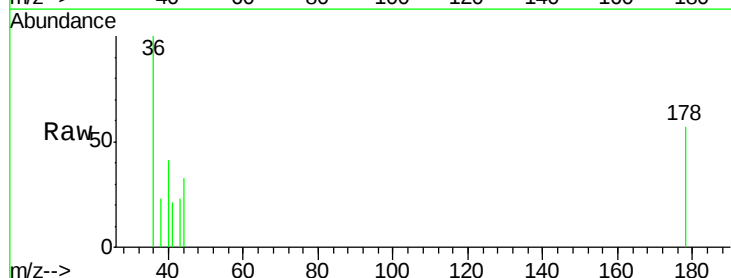
Instrument :
BNA_F
ClientSampleId :
MW-18

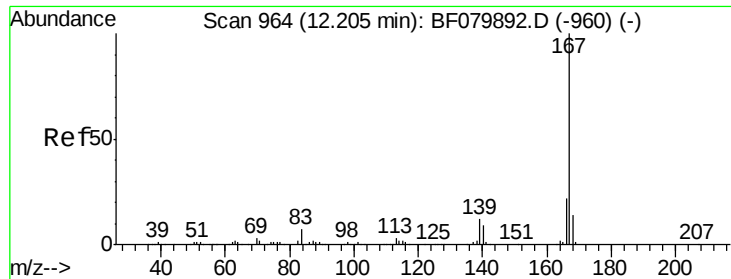
Tgt Ion:178 Resp: 4288
Ion Ratio Lower Upper
178 100
176 14.7 15.9 23.9#
179 10.8 12.3 18.5#



#71
Anthracene
Concen: 0.07 ng
RT: 12.06 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

Tgt Ion:178 Resp: 786
Ion Ratio Lower Upper
178 100
176 0.0 15.2 22.8#
179 0.0 12.5 18.7#





#72

Carbazole

Concen: 0.28 ng

RT: 12.22 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampleId :

MW-18

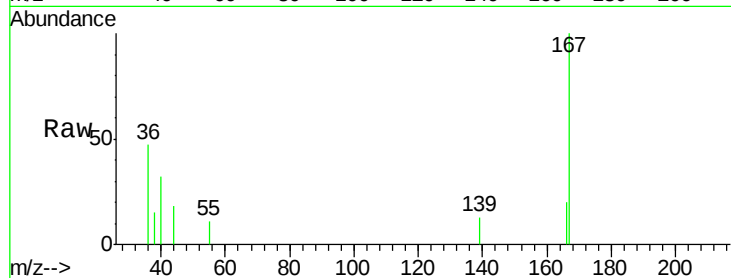
Tgt Ion:167 Resp: 3107

Ion Ratio Lower Upper

167 100

166 20.4 17.4 26.2

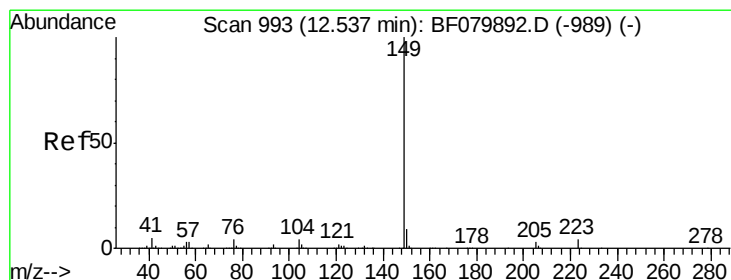
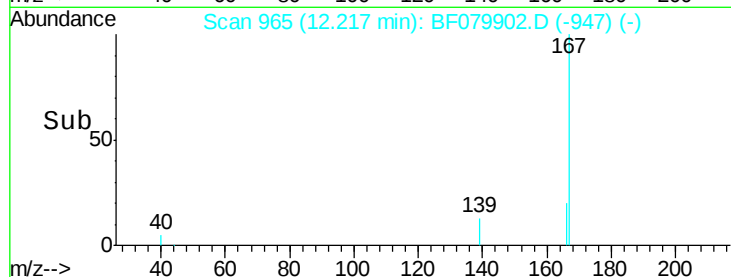
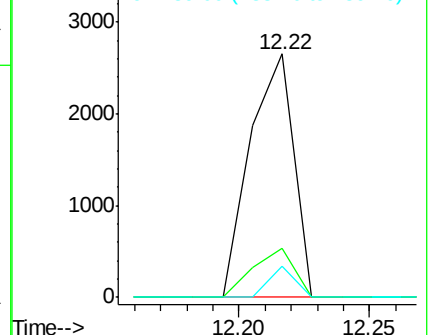
139 13.0 9.5 14.3



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



#73

Di-n-butylphthalate

Concen: 0.18 ng

RT: 12.55 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

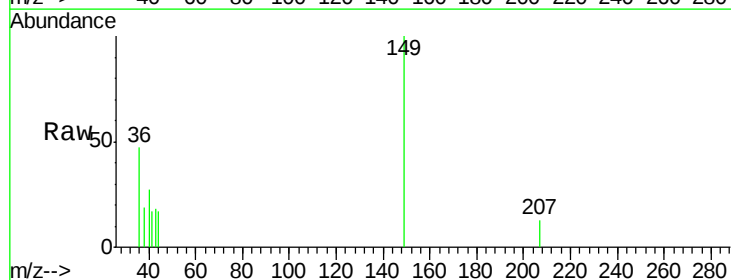
Tgt Ion:149 Resp: 2086

Ion Ratio Lower Upper

149 100

150 0.0 7.2 10.8#

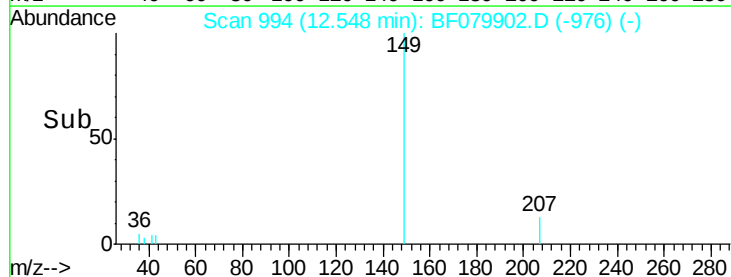
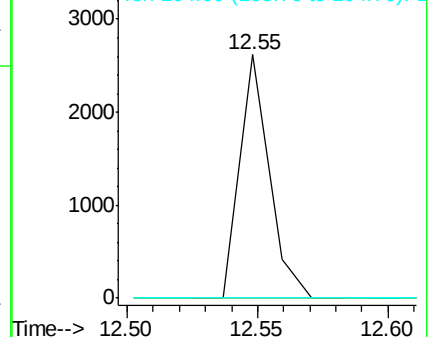
104 0.0 3.3 4.9#

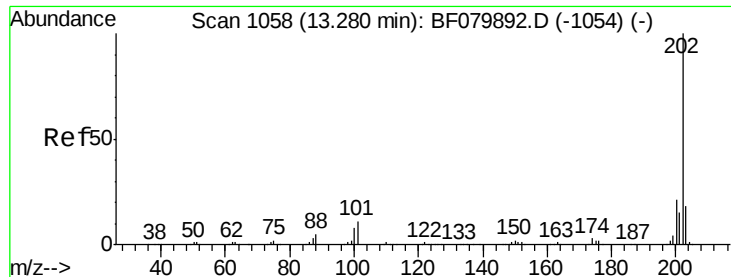


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

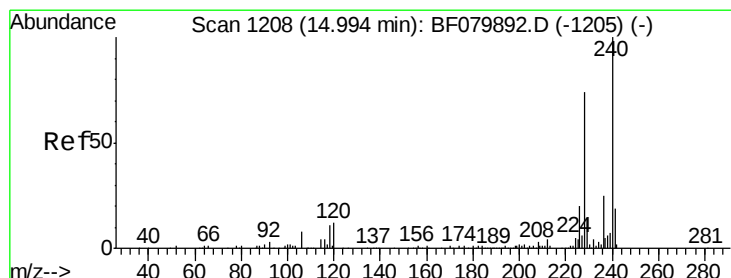
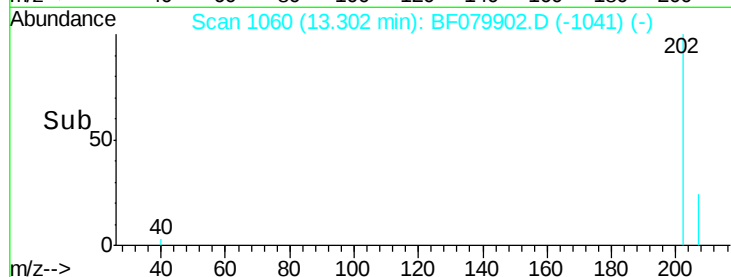
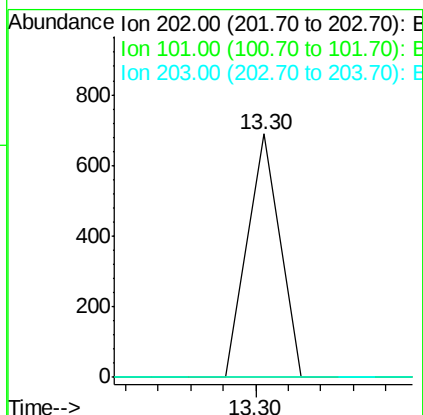
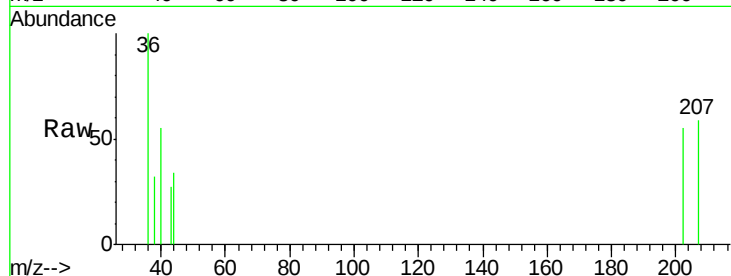




#74
 Fluoranthene
 Concen: 0.04 ng
 RT: 13.30 min Scan# 1060
 Delta R.T. 0.02 min
 Lab File: BF079902.D
 Acq: 11 Jun 2015 18:36

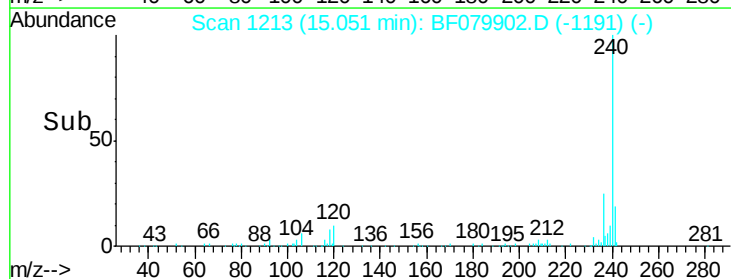
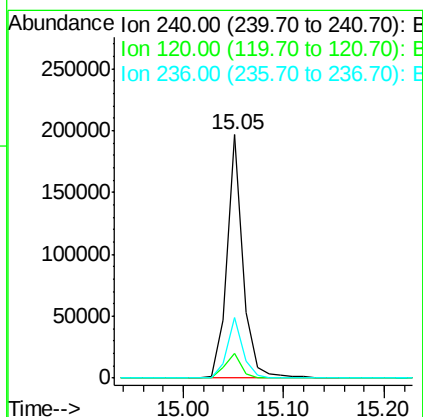
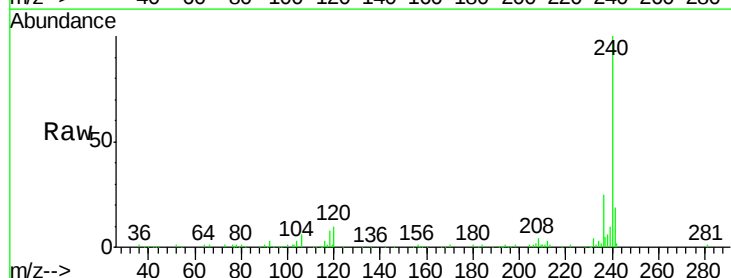
Instrument :
 BNA_F
 ClientSampleId :
 MW-18

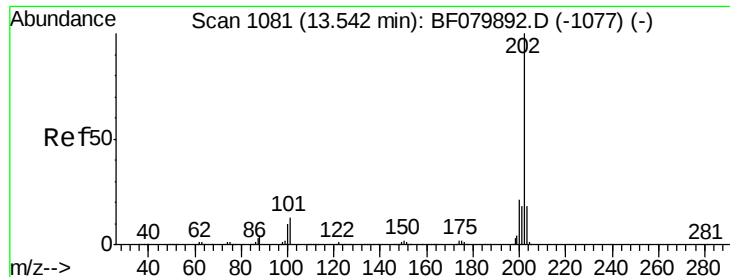
Tgt Ion: 202 Resp: 472
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 30.7
 203 0.0 0.0 38.0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1213
 Delta R.T. 0.06 min
 Lab File: BF079902.D
 Acq: 11 Jun 2015 18:36

Tgt Ion: 240 Resp: 216449
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.4 14.2
 236 25.1 19.6 29.4





#77

Pyrene

Concen: 0.05 ng

RT: 13.57 min Scan# 1083

Delta R.T. 0.02 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampleId :

MW-18

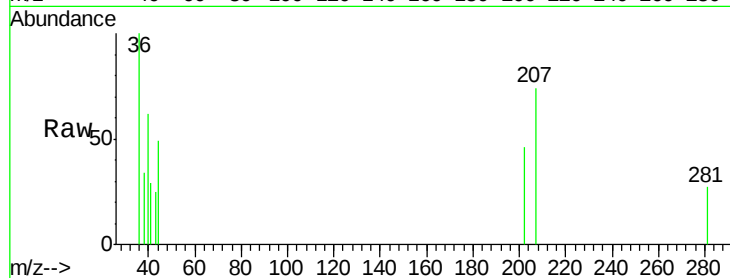
Tgt Ion: 202 Resp: 668

Ion Ratio Lower Upper

202 100

200 0.0 16.8 25.2#

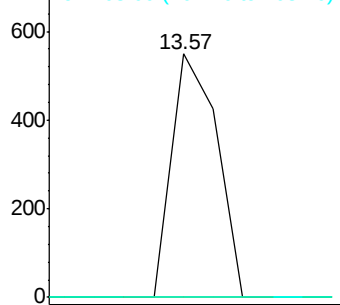
203 0.0 14.4 21.6#



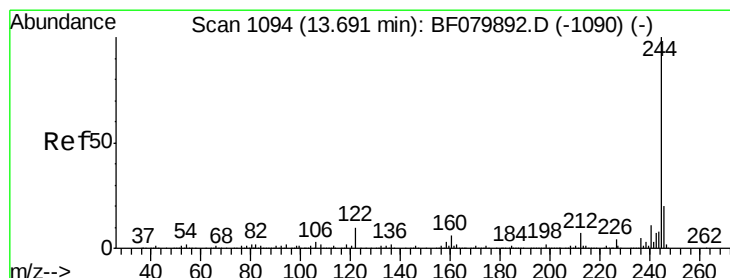
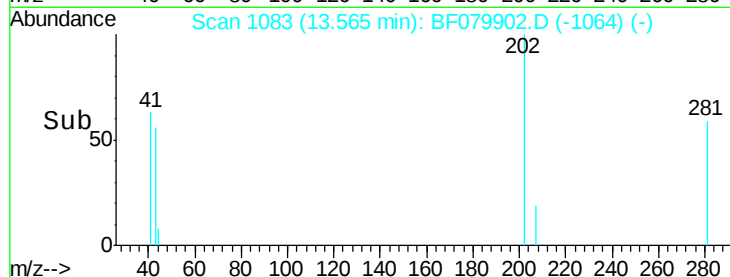
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 90.39 ng

RT: 13.73 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

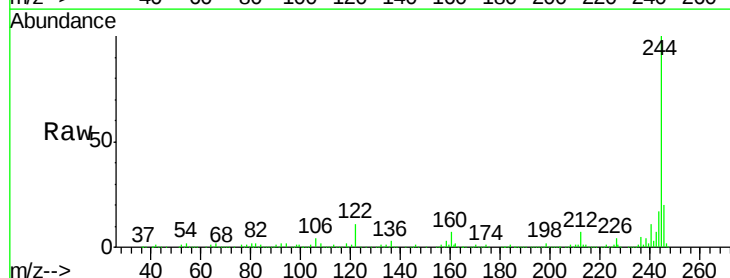
Tgt Ion: 244 Resp: 861022

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

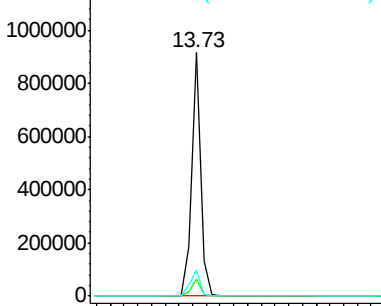
122 10.8 7.8 11.8



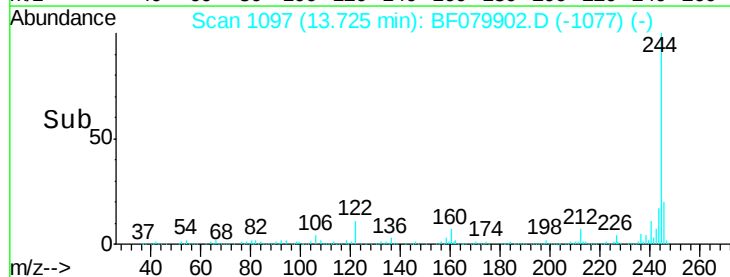
Abundance Ion 244.00 (243.70 to 244.70): E

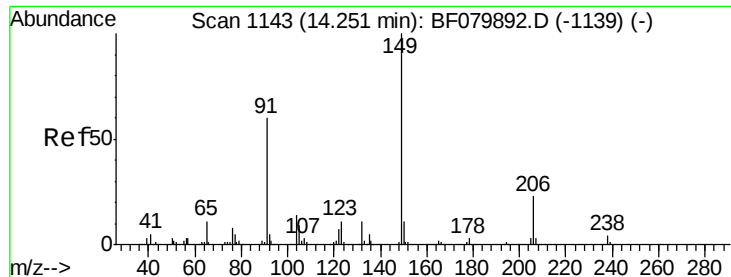
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#79

Butylbenzylphthalate

Concen: 0.05 ng

RT: 14.29 min Scan# 1146

Delta R.T. 0.03 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampleId :

MW-18

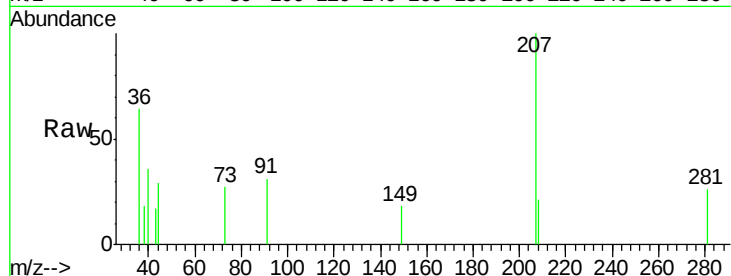
Tgt Ion:149 Resp: 229

Ion Ratio Lower Upper

149 100

91 170.4 48.1 72.1#

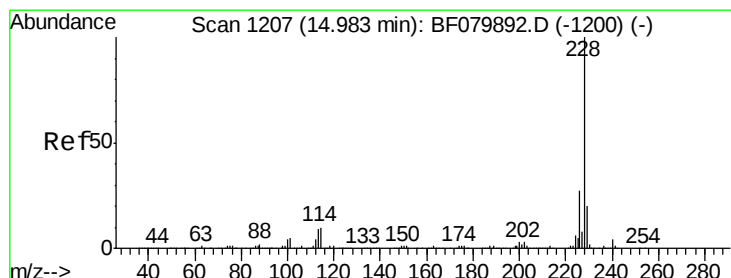
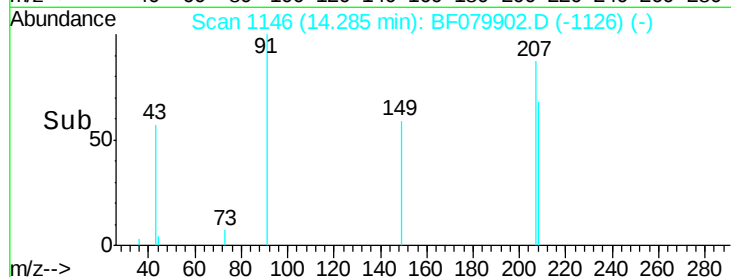
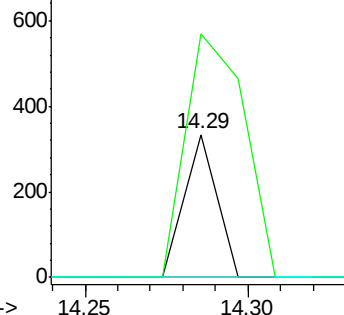
206 0.0 18.6 27.8#



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: 0.12 ng

RT: 15.04 min Scan# 1212

Delta R.T. 0.06 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

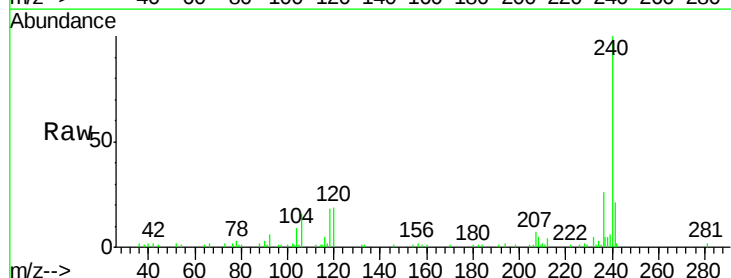
Tgt Ion:228 Resp: 1483

Ion Ratio Lower Upper

228 100

226 30.6 21.8 32.8

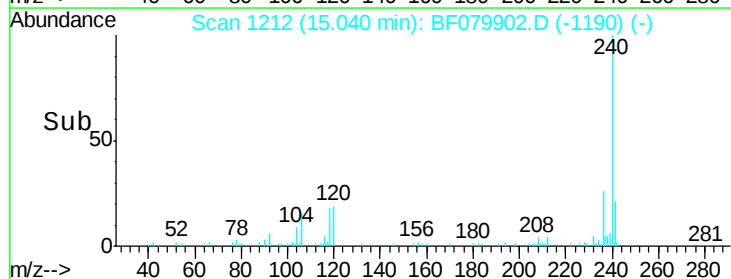
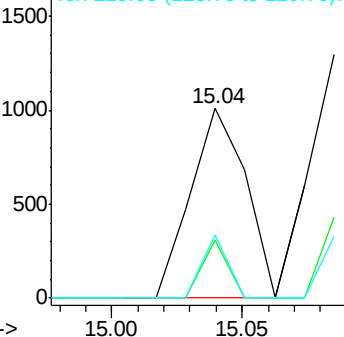
229 33.1 15.9 23.9#

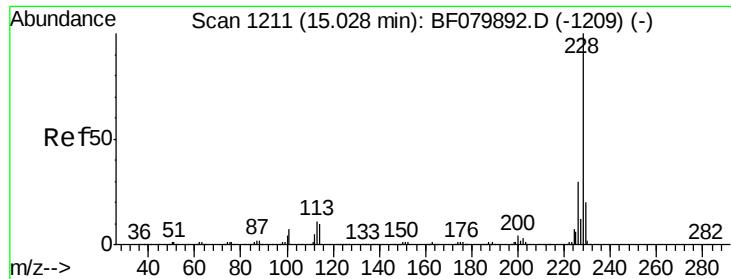


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.13 ng

RT: 15.09 min Scan# 1216

Delta R.T. 0.06 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampleId :

MW-18

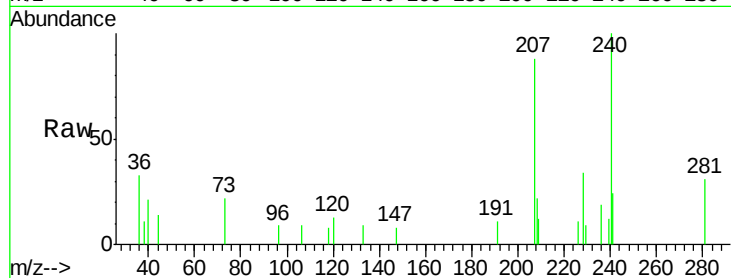
Tgt Ion:228 Resp: 1573

Ion Ratio Lower Upper

228 100

226 33.3 23.9 35.9

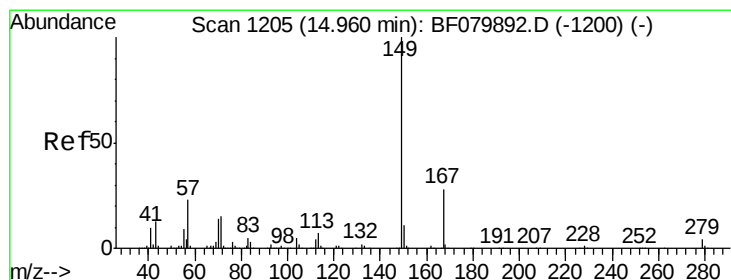
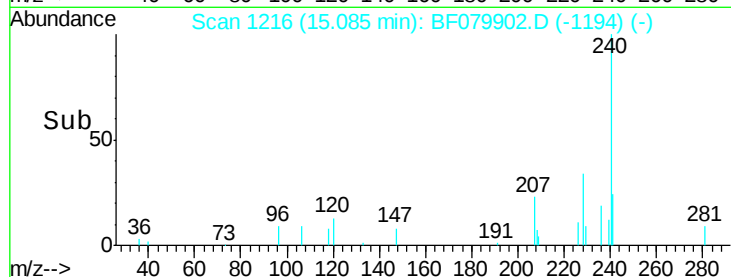
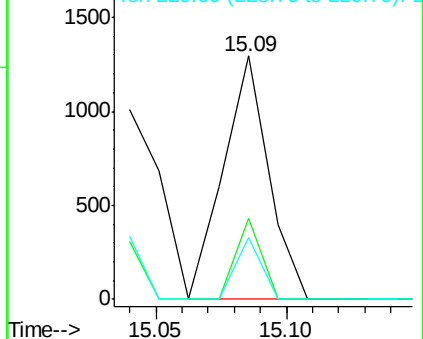
229 25.6 16.1 24.1#



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: 0.16 ng

RT: 15.02 min Scan# 1210

Delta R.T. 0.06 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

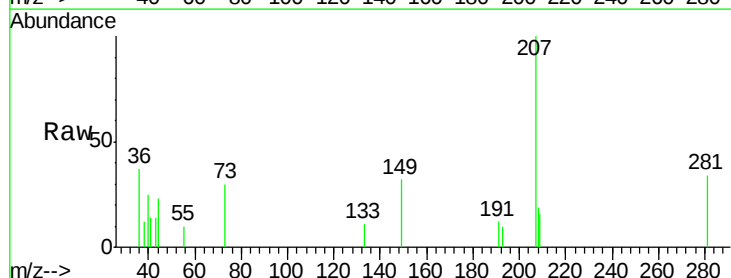
Tgt Ion:149 Resp: 1174

Ion Ratio Lower Upper

149 100

167 0.0 22.2 33.4#

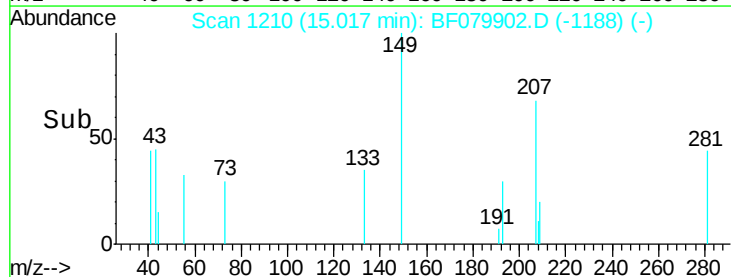
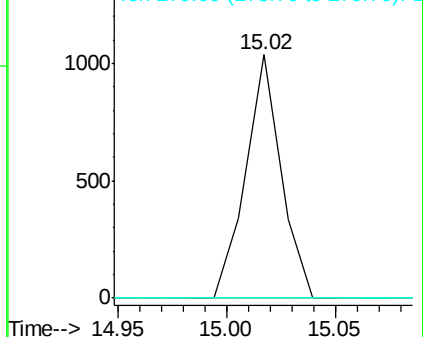
279 0.0 3.1 4.7#

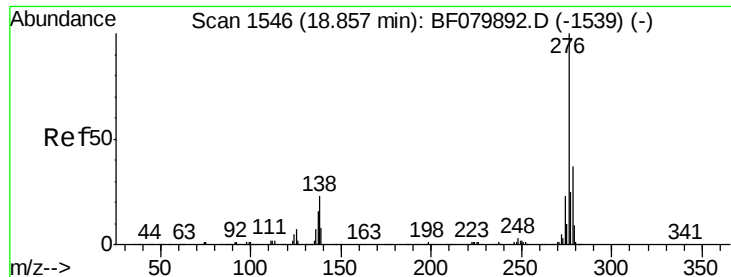


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.75 ng

RT: 18.93 min Scan# 1552

Delta R.T. 0.07 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampleId :

MW-18

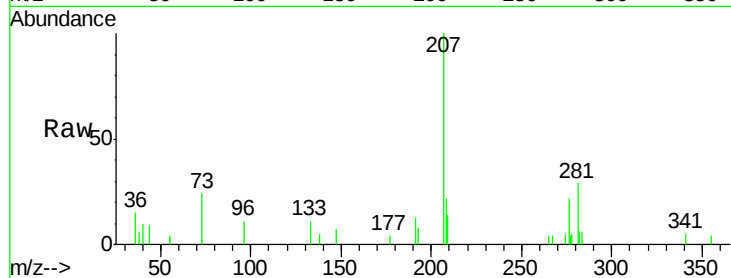
Tgt Ion: 276 Resp: 9704

Ion Ratio Lower Upper

276 100

138 0.0 21.0 31.4#

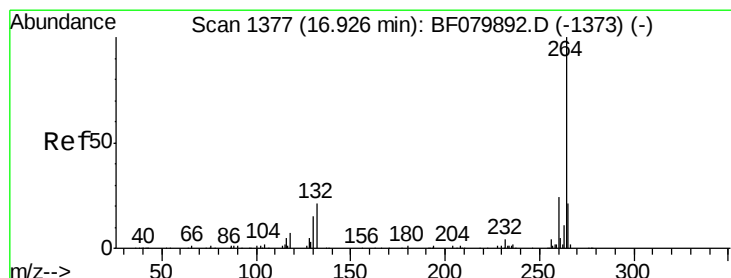
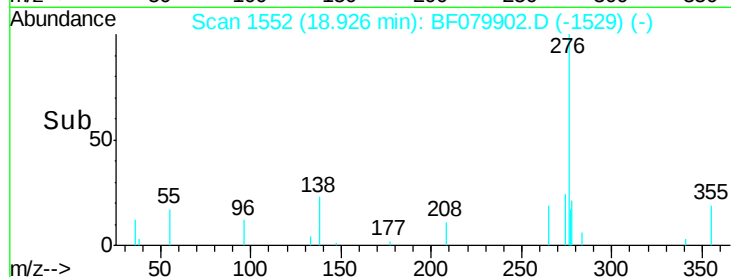
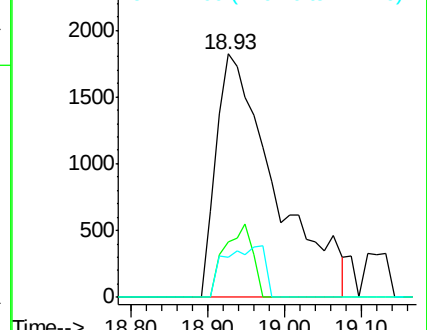
277 0.0 19.9 29.9#



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: 17.02 min Scan# 1385

Delta R.T. 0.09 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

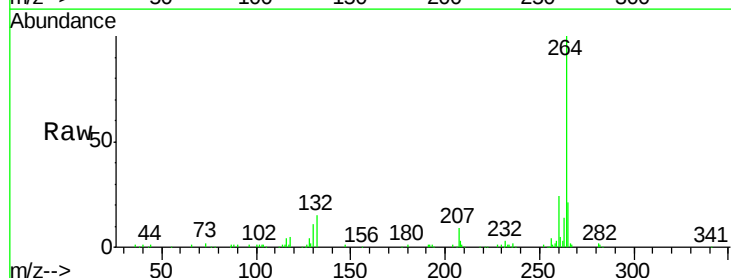
Tgt Ion: 264 Resp: 196607

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

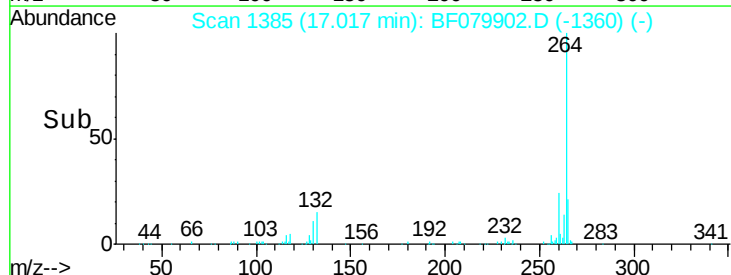
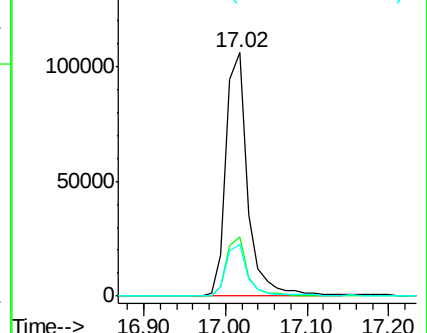
265 21.4 17.0 25.6

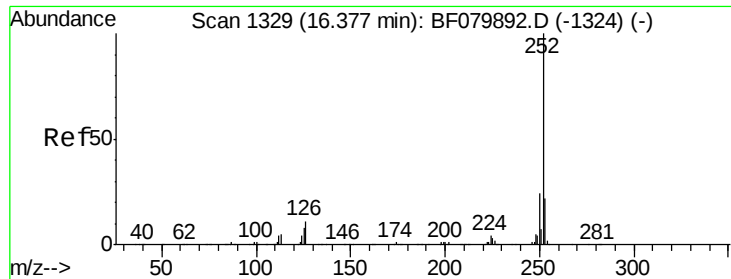


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

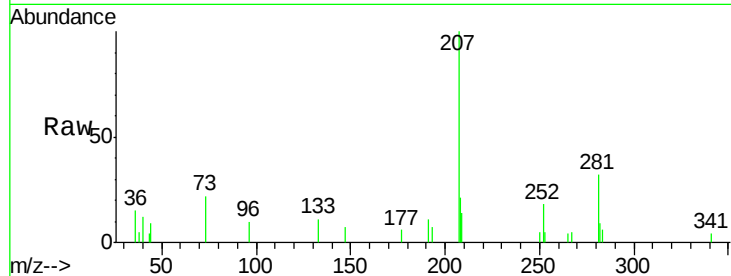




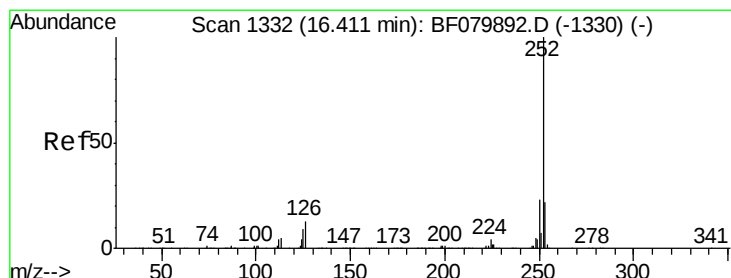
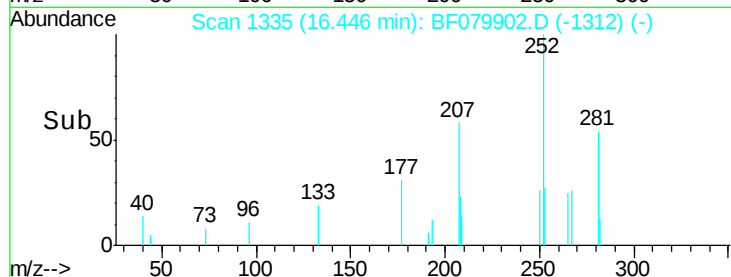
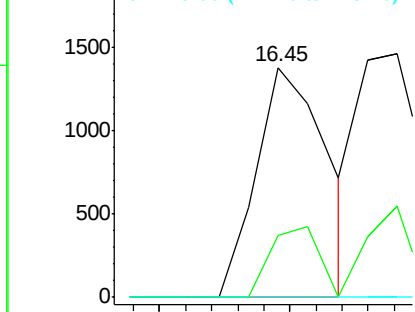
#87
Benzo(b)fluoranthene
Concen: 0.22 ng
RT: 16.45 min Scan# 1335
Delta R.T. 0.07 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 252 Resp: 2605
Ion Ratio Lower Upper
252 100
253 27.1 17.8 26.6#
125 0.0 6.5 9.7#

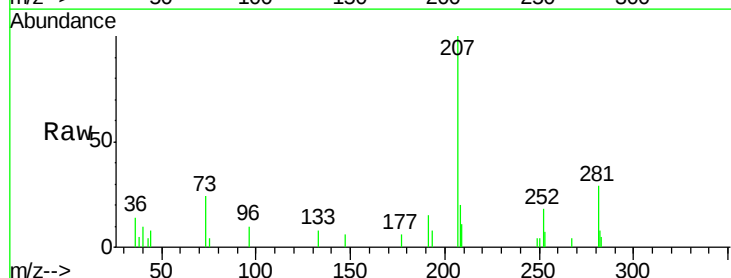


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

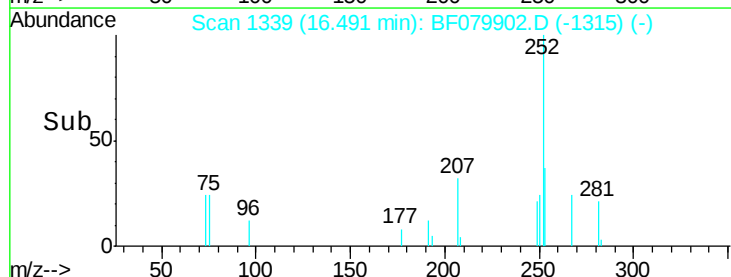
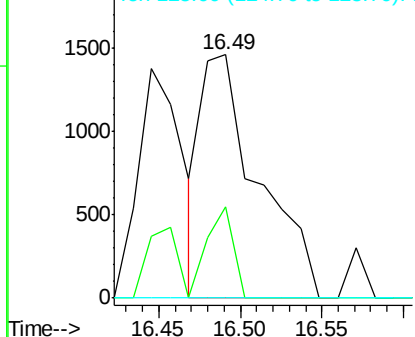


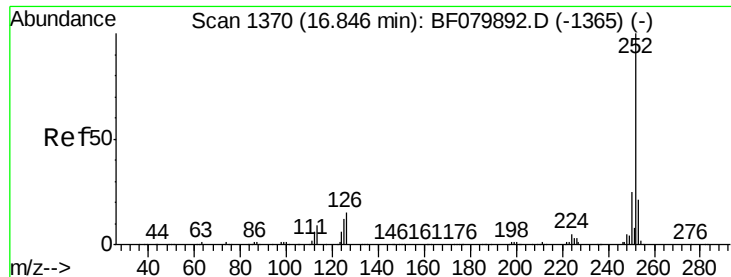
#88
Benzo(k)fluoranthene
Concen: 0.29 ng
RT: 16.49 min Scan# 1339
Delta R.T. 0.08 min
Lab File: BF079902.D
Acq: 11 Jun 2015 18:36

Tgt Ion: 252 Resp: 3584
Ion Ratio Lower Upper
252 100
253 37.3 17.4 26.2#
125 0.0 7.4 11.0#



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





#89

Benzo(a)pyrene

Concen: 0.35 ng

RT: 16.93 min Scan# 1377

Delta R.T. 0.08 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampleId :

MW-18

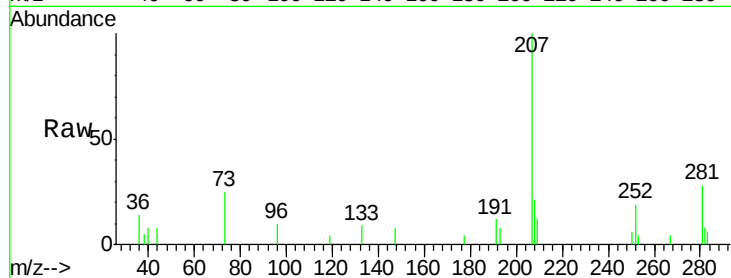
Tgt Ion:252 Resp: 3840

Ion Ratio Lower Upper

252 100

253 23.7 17.0 25.6

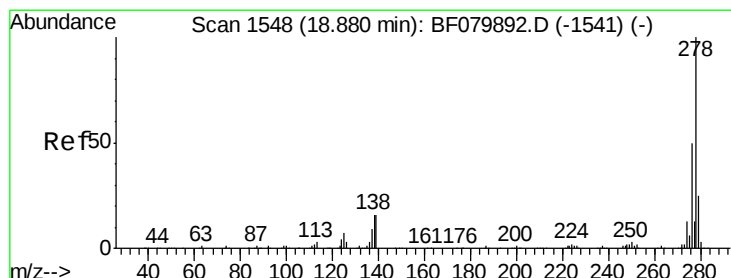
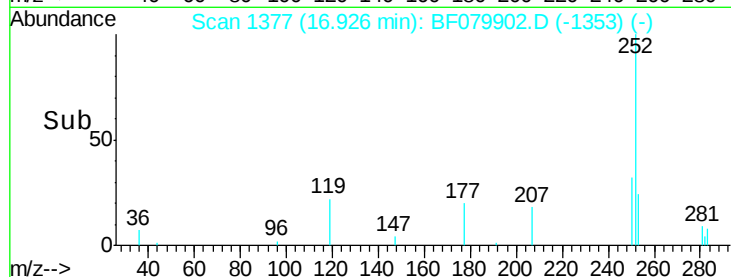
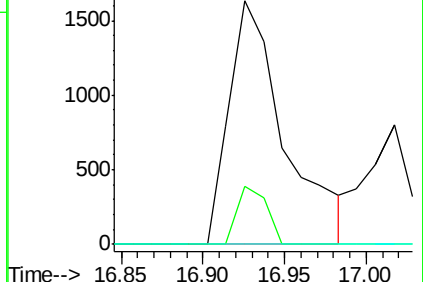
125 0.0 9.7 14.5#



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



#90

Dibenzo(a,h)anthracene

Concen: 0.68 ng

RT: 18.95 min Scan# 1554

Delta R.T. 0.07 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

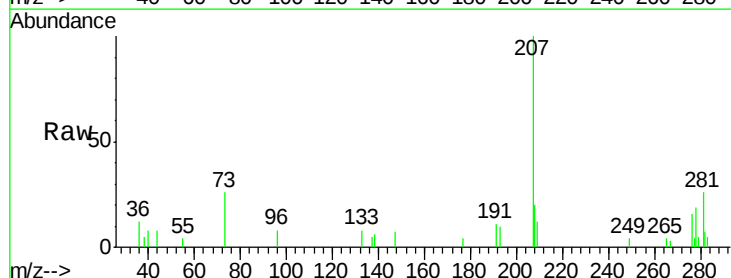
Tgt Ion:278 Resp: 6960

Ion Ratio Lower Upper

278 100

139 0.0 12.8 19.2#

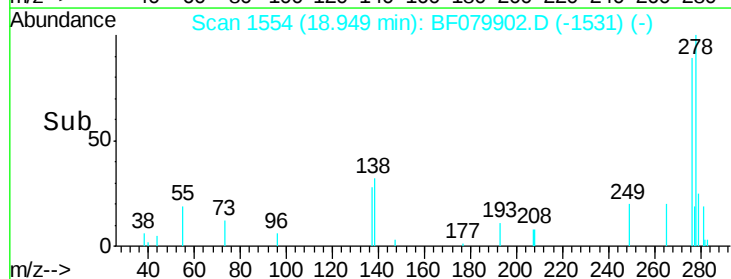
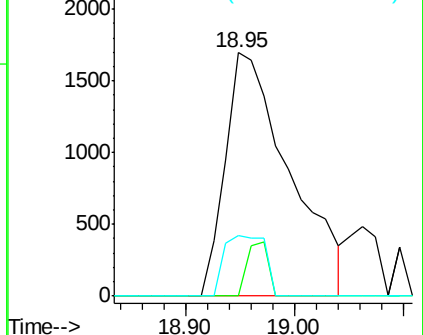
279 24.6 19.7 29.5

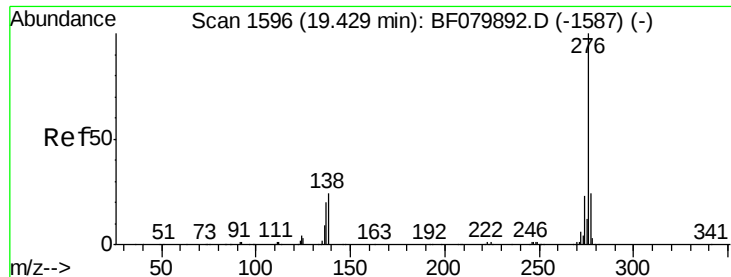


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.85 ng

RT: 19.51 min Scan# 1603

Delta R.T. 0.08 min

Lab File: BF079902.D

Acq: 11 Jun 2015 18:36

Instrument :

BNA_F

ClientSampleId :

MW-18

Tgt Ion: 276 Resp: 9224

Ion Ratio Lower Upper

276 100

277 26.5 19.4 29.2

138 23.7 19.1 28.7

