

Data Path : Z:\HPCHEM1\BNA_F\Data\BF060315\
 Data File : BF079662.D
 Acq On : 3 Jun 2015 14:34
 Operator : TP/IZ
 Sample : G2446-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-550

Quant Time: Jun 03 16:13:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 15:20:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	81294	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	317229	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	151761	20.00	ng	0.00
63) Phenanthrene-d10	12.11	188	323668	20.00	ng	-0.02
75) Chrysene-d12	15.19	240	346430	20.00	ng	-0.19
86) Perylene-d12	17.21	264	307636	20.00	ng	-0.27

System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	27225	6.60	ng	-0.01
7) Phenol-d6	7.10	99	28178	2.89	ng	-0.01
23) Nitrobenzene-d5	8.07	82	33098	3.89	ng	-0.01
41) 2,4,6-Tribromophenol	11.38	330	15518	12.39	ng	-0.01
44) 2-Fluorobiphenyl	9.88	172	106208	4.37	ng	0.00
78) Terphenyl-d14	13.85	244	158617	7.27	ng	-0.10

Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	1475	0.71	ng	# 26
6) Aniline	7.18	93	444	0.05	ng	# 46
8) 2-Chlorophenol	7.26	128	1064	0.20	ng	# 34
9) Benzaldehyde	7.28	77	1175	0.34	ng	# 73
10) Phenol	7.12	94	531	0.08	ng	# 40
11) bis(2-Chloroethyl)ether	7.18	93	444	0.09	ng	# 21
15) Benzyl Alcohol	7.68	79	635	0.15	ng	# 36
19) n-Nitroso-di-n-propylamine	8.07	70	3801	0.94	ng	# 85
25) Isophorone	8.07	82	32102	2.97	ng	# 65
31) Naphthalene	8.83	128	1140	0.07	ng	# 69
35) Caprolactam	9.19	113	369	0.30	ng	# 48
47) 2-Nitroaniline	9.88	65	324	0.17	ng	# 35
49) Dimethylphthalate	10.27	163	6719	0.60	ng	# 89
51) Acenaphthene	10.59	154	601	0.07	ng	# 5
52) 3-Nitroaniline	10.28	138	3984	1.83	ng	# 1
54) Dibenzofuran	10.80	168	260	0.02	ng	# 46
56) 2,4-Dinitrotoluene	10.59	165	19679	12.80	ng	# 32
57) Fluorene	11.14	166	226	0.02	ng	# 26
59) Diethylphthalate	10.98	149	5495	0.51	ng	# 96
62) Azobenzene	11.29	77	1093	0.11	ng	# 11
65) n-Nitrosodiphenylamine	11.23	169	276	0.03	ng	# 24
66) 4-Bromophenyl-phenylether	11.38	248	916	0.28	ng	# 1
70) Phenanthrene	12.14	178	694	0.04	ng	# 59
71) Anthracene	12.19	178	802	0.04	ng	# 45
72) Carbazole	12.34	167	529	0.03	ng	# 59
73) Di-n-butylphthalate	14.42	149	979	1.15	ng	# 54
74) Fluoranthene	13.44	202	1300	0.07	ng	# 73
77) Pyrene	13.71	202	861	0.04	ng	# 56
79) Butylbenzylphthalate	14.42	149	979	1.32	ng	# 48
80) Benzo(a)anthracene	15.19	228	1472	0.08	ng	# 50
82) Chrysene	15.23	228	658	0.03	ng	# 48
83) Bis(2-ethylhexyl)phthalate	15.14	149	3551	3.51	ng	# 90
84) Di-n-octyl phthalate	16.05	149	868	1.83	ng	# 72
87) Benzo(b)fluoranthene	16.62	252	686	0.04	ng	# 59

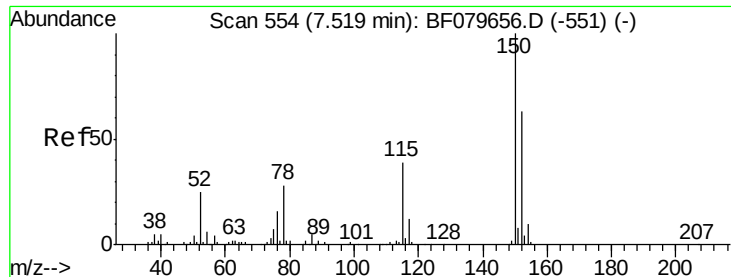
Data Path : Z:\HPCHEM1\BNA_F\Data\BF060315\
Data File : BF079662.D
Acq On : 3 Jun 2015 14:34
Operator : TP/IZ
Sample : G2446-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-550

Quant Time: Jun 03 16:13:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 15:20:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	16.65	252	510	0.03	ng	# 60
89) Benzo(a)pyrene	17.12	252	239	0.02	ng	# 59

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

Instrument :

BNA_F

ClientSampleId :

T-550

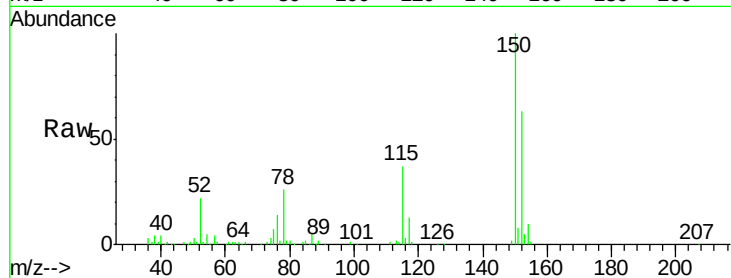
Tgt Ion:152 Resp: 81294

Ion Ratio Lower Upper

152 100

150 159.3 126.7 190.1

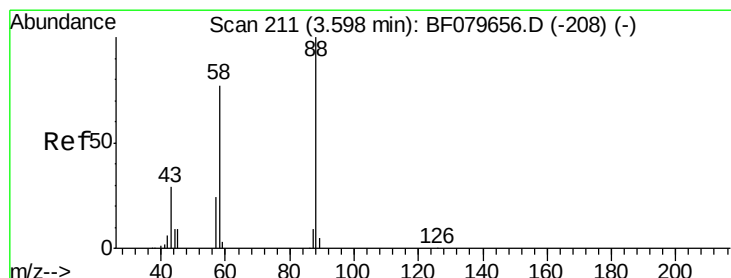
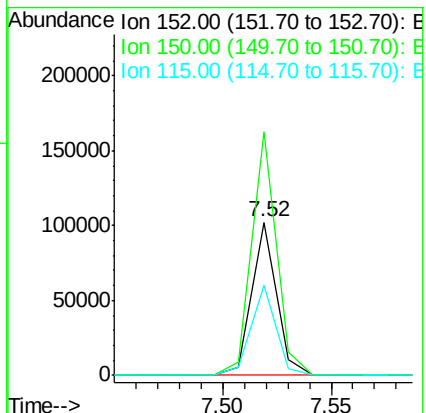
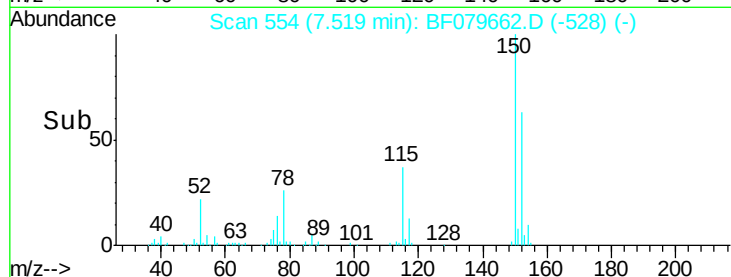
115 59.3 49.2 73.8



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



#2

1,4-Dioxane

Concen: 0.71 ng

RT: 3.59 min Scan# 210

Delta R.T. -0.01 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

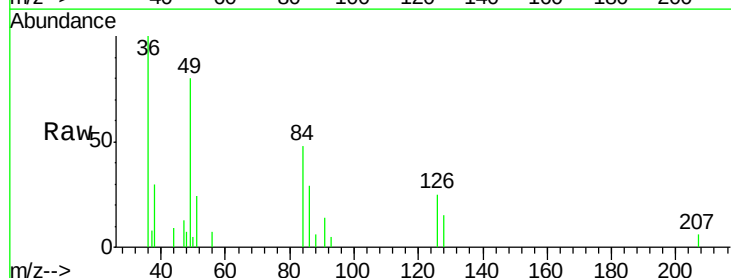
Tgt Ion: 88 Resp: 1475

Ion Ratio Lower Upper

88 100

58 0.0 64.2 96.2#

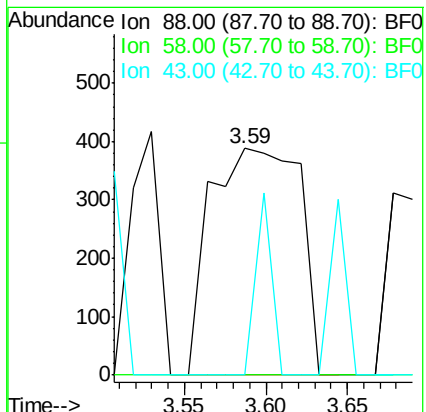
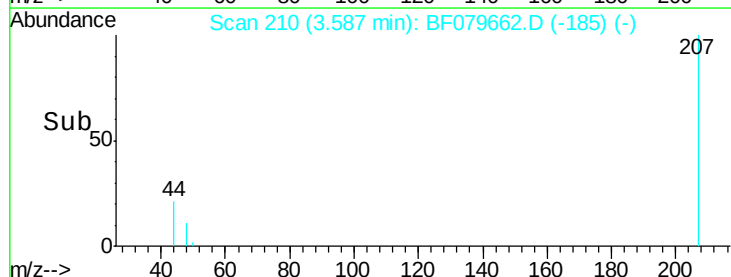
43 14.6 24.4 36.6#

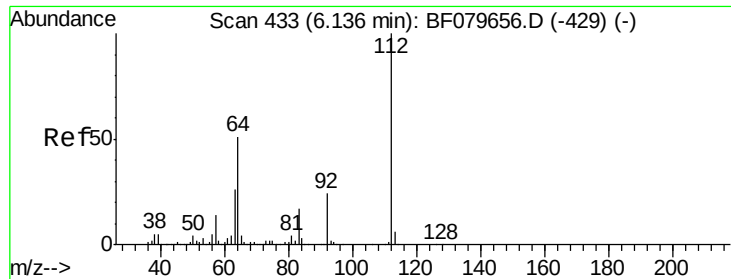


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 6.60 ng

RT: 6.12 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

Instrument :

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ClientSampleId :

T-550

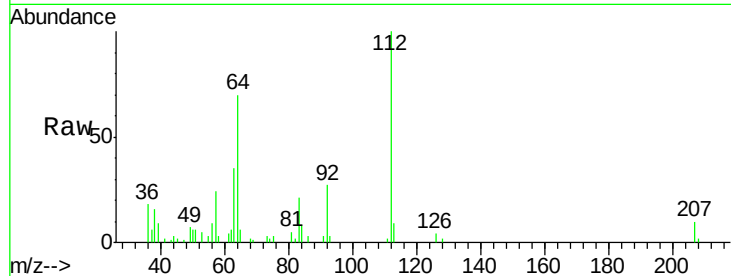
Tgt Ion: 112 Resp: 27225

Ion Ratio Lower Upper

112 100

64 70.3 41.1 61.7#

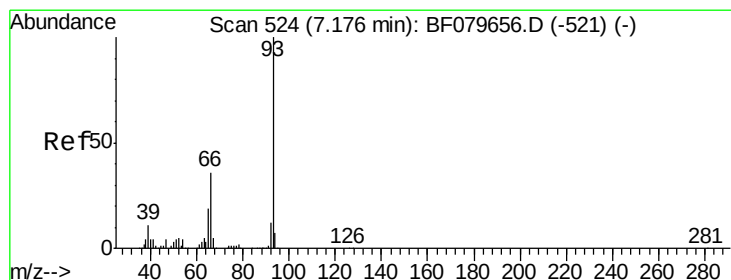
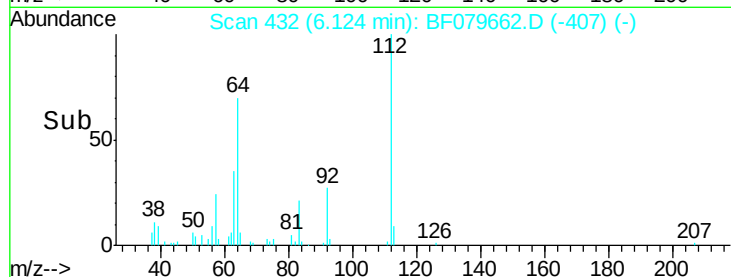
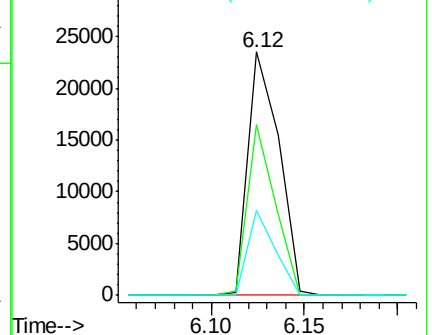
63 34.9 20.5 30.7#



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: 0.05 ng

RT: 7.18 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

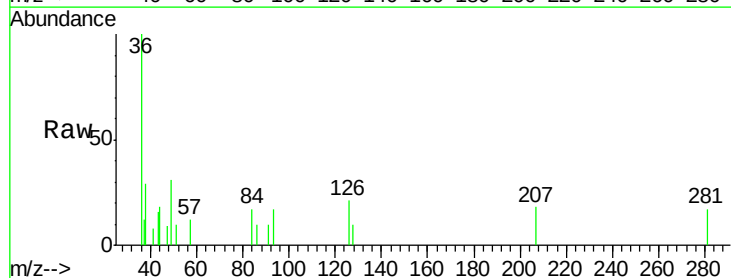
Tgt Ion: 93 Resp: 444

Ion Ratio Lower Upper

93 100

66 0.0 28.5 42.7#

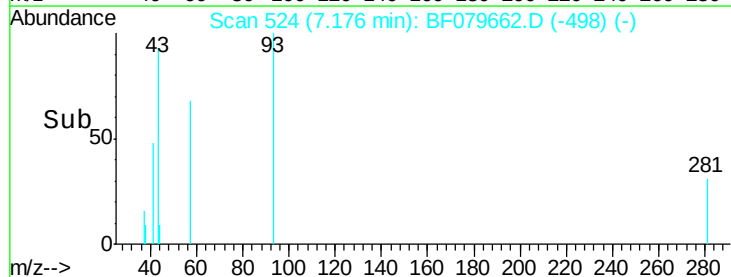
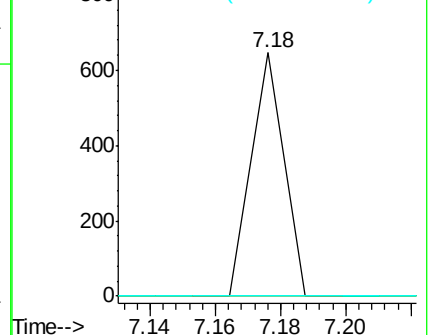
65 0.0 15.0 22.6#

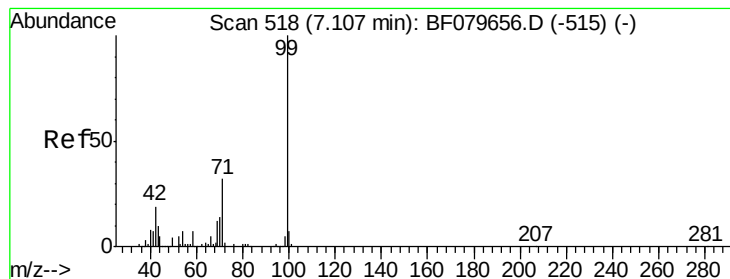


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 2.89 ng

RT: 7.10 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

Instrument :

BNA_F

ClientSampleId :

T-550

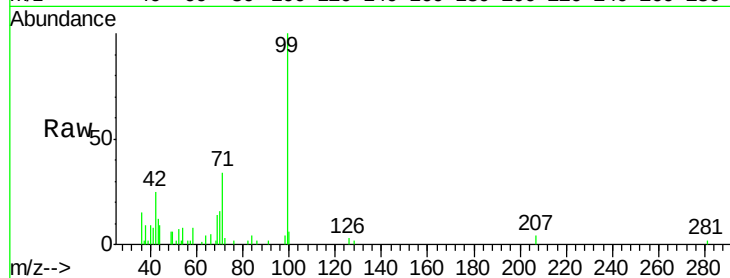
Tgt Ion: 99 Resp: 28178

Ion Ratio Lower Upper

99 100

42 24.9 15.2 22.8#

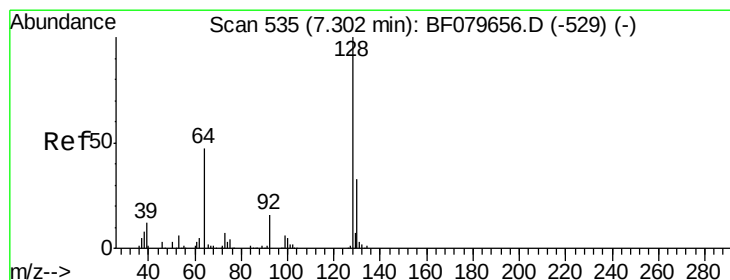
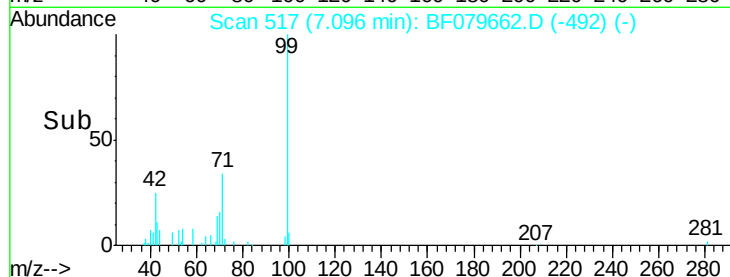
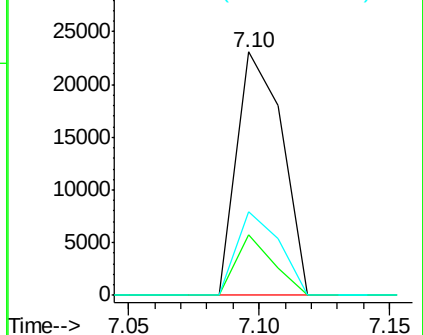
71 34.3 25.9 38.9



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



#8

2-Chlorophenol

Concen: 0.20 ng

RT: 7.26 min Scan# 531

Delta R.T. -0.05 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

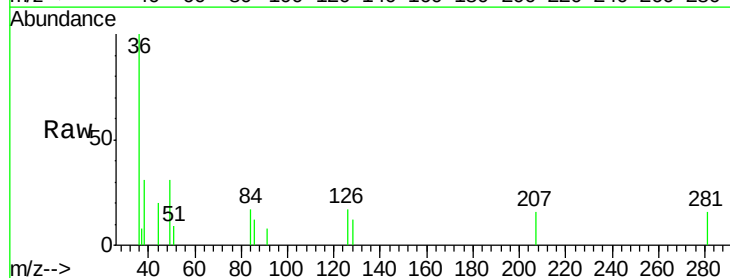
Tgt Ion: 128 Resp: 1064

Ion Ratio Lower Upper

128 100

130 0.0 12.7 52.7#

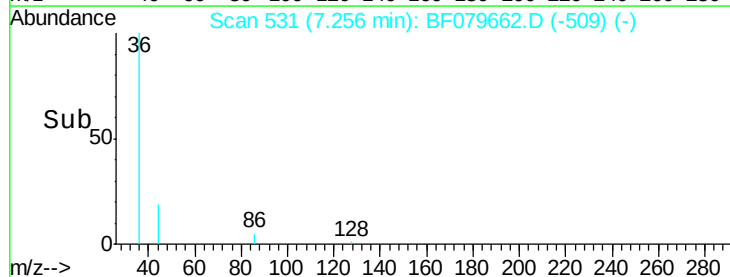
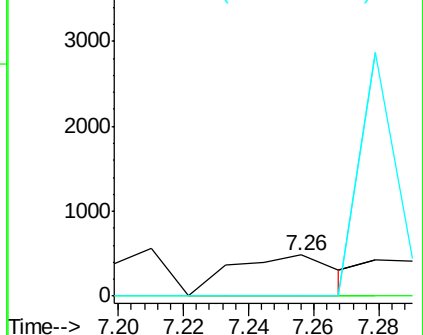
64 0.0 29.0 69.0#

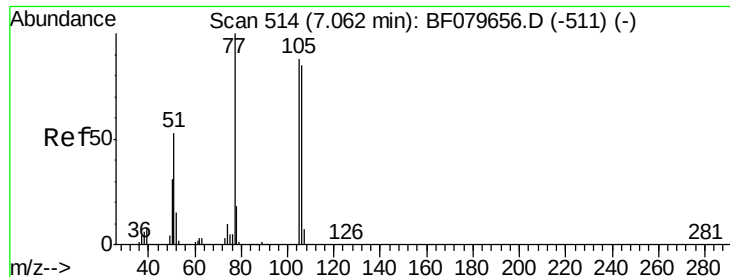


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.34 ng

RT: 7.28 min Scan# 533

Delta R.T. 0.22 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

Instrument :

BNA_F

ClientSampleId :

T-550

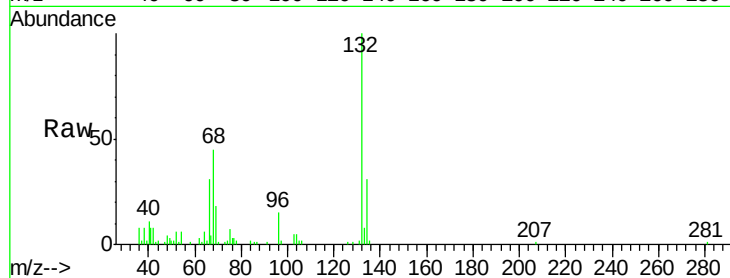
Tgt Ion: 77 Resp: 1175

Ion Ratio Lower Upper

77 100

105 61.9 68.2 108.2#

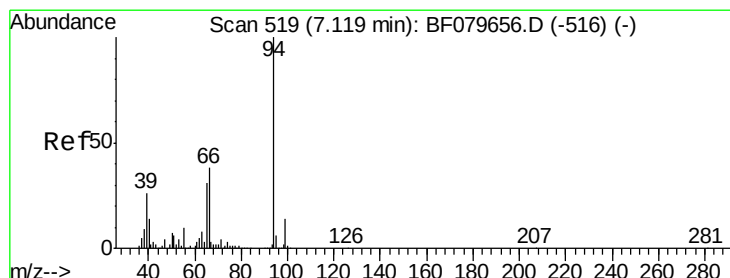
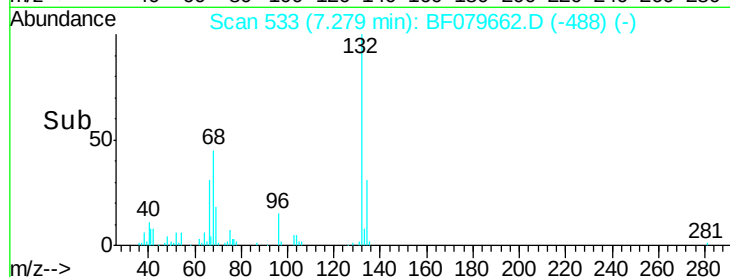
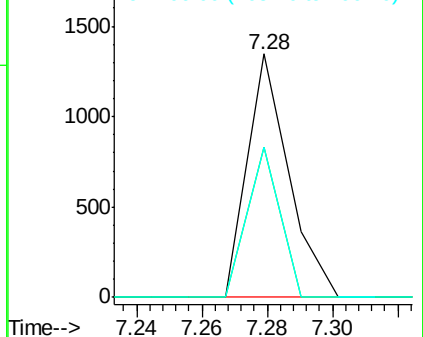
106 61.8 64.9 104.9#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.08 ng

RT: 7.12 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

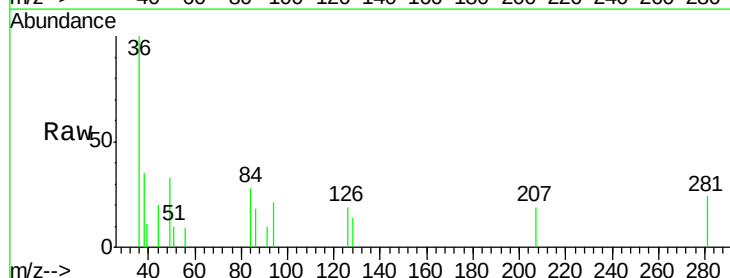
Tgt Ion: 94 Resp: 531

Ion Ratio Lower Upper

94 100

65 0.0 10.9 50.9#

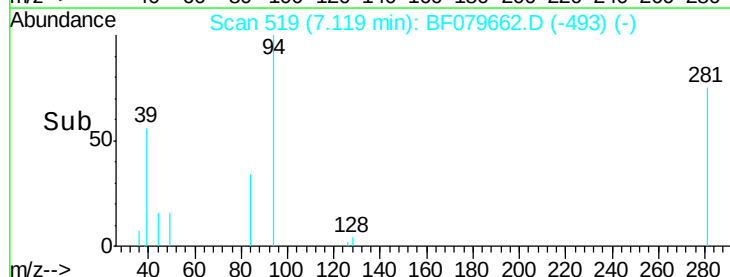
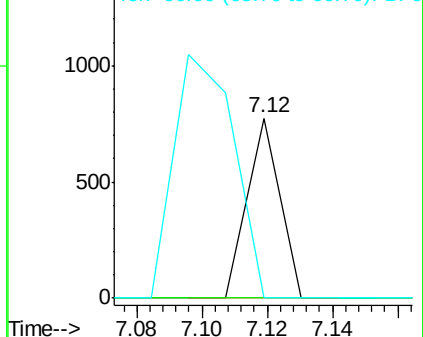
66 0.0 18.1 58.1#

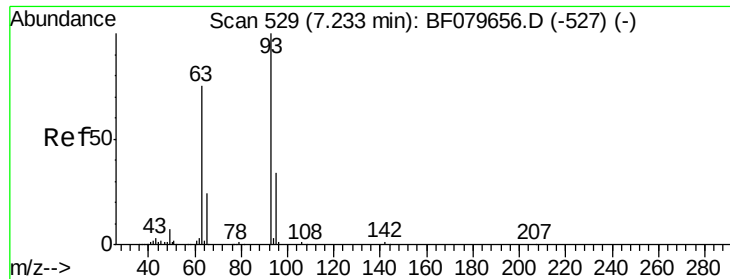


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

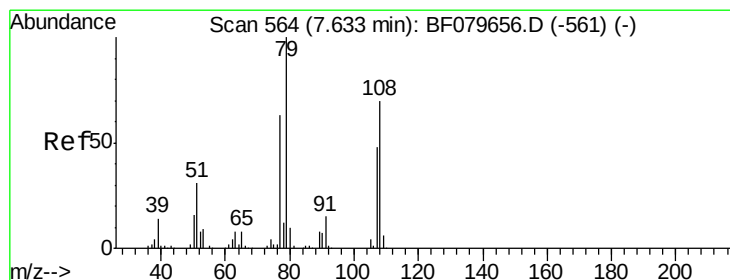
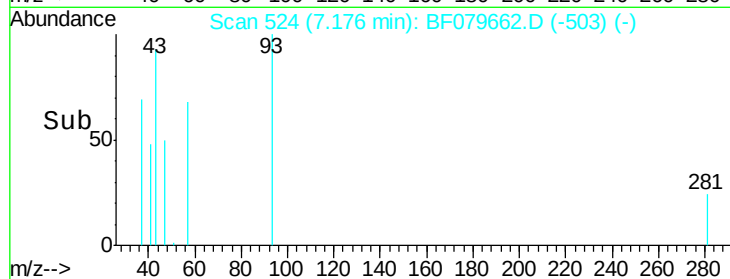
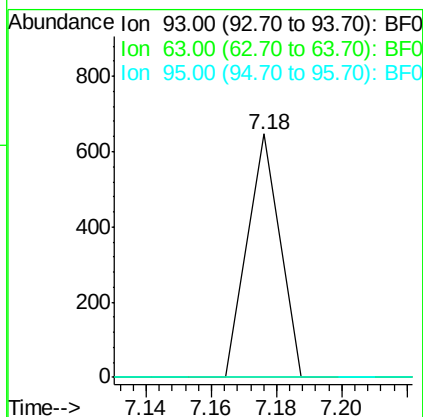
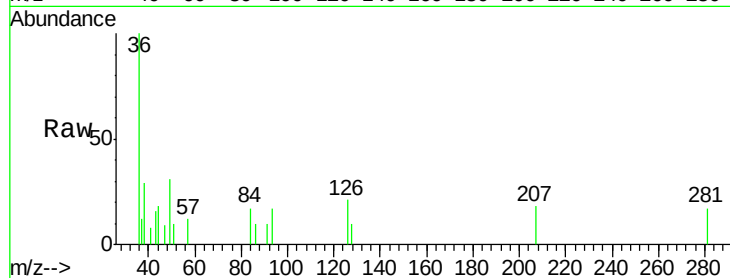




#11
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 7.18 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF079662.D
Acq: 3 Jun 2015 14:34

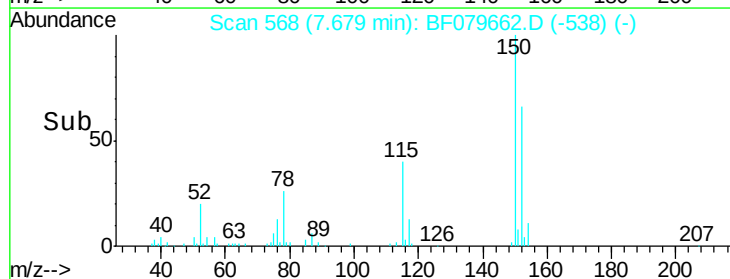
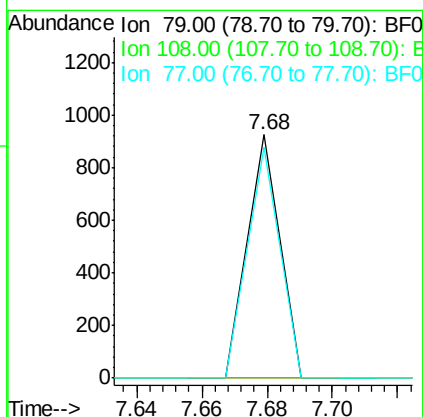
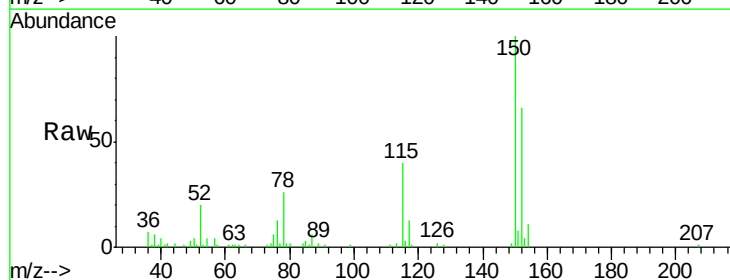
Instrument :
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T-550

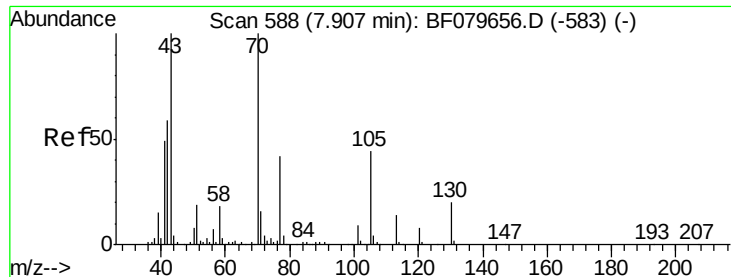
Tgt Ion: 93 Resp: 444
Ion Ratio Lower Upper
93 100
63 0.0 54.7 94.7#
95 0.0 13.5 53.5#



#15
Benzyl Alcohol
Concen: 0.15 ng
RT: 7.68 min Scan# 568
Delta R.T. 0.05 min
Lab File: BF079662.D
Acq: 3 Jun 2015 14:34

Tgt Ion: 79 Resp: 635
Ion Ratio Lower Upper
79 100
108 0.0 56.2 84.4#
77 94.6 50.7 76.1#





#19

n-Nitroso-di-n-propylamine

Concen: 0.94 ng

RT: 8.07 min Scan# 602

Delta R.T. 0.16 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

Instrument :

BNA_F

ClientSampleId :

T-550

Tgt Ion: 70 Resp: 3801

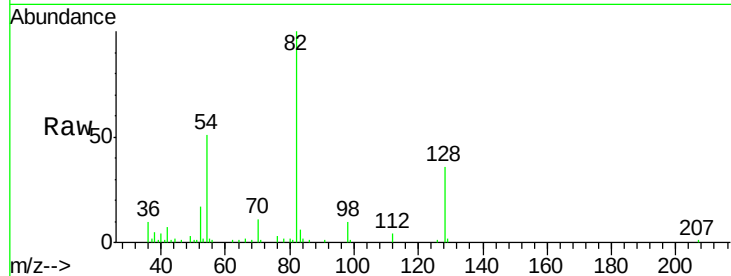
Ion Ratio Lower Upper

70 100

42 56.8 47.7 71.5

101 0.0 7.4 11.0#

130 0.0 15.8 23.8#

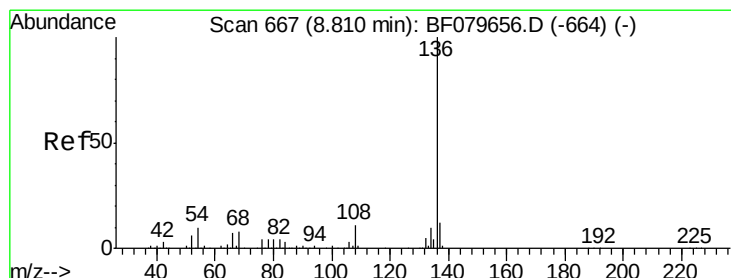
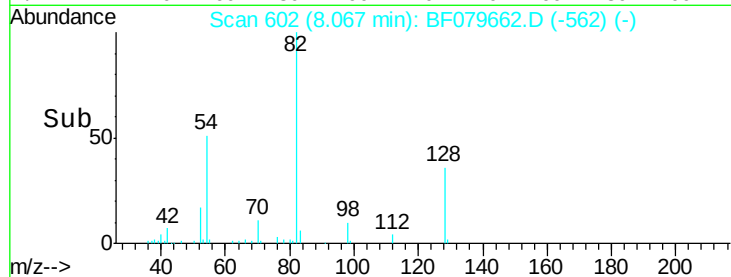
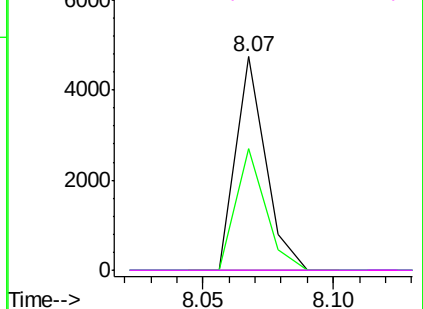


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

Tgt Ion: 136 Resp: 317229

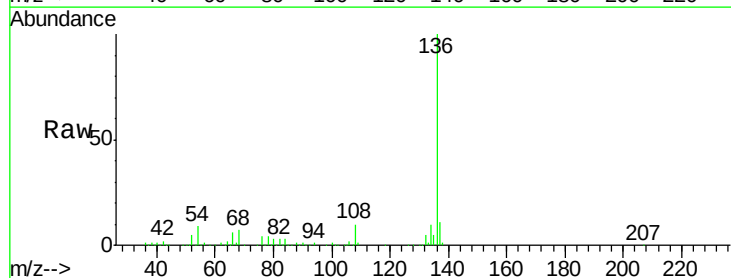
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 9.4 8.3 12.5

68 6.9 6.1 9.1

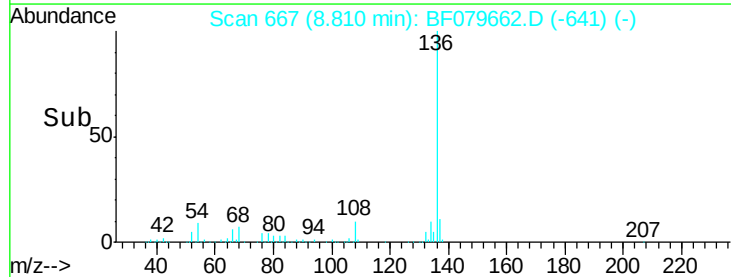
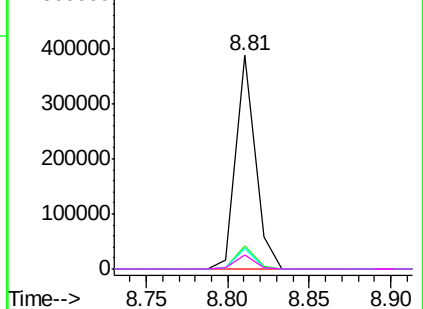


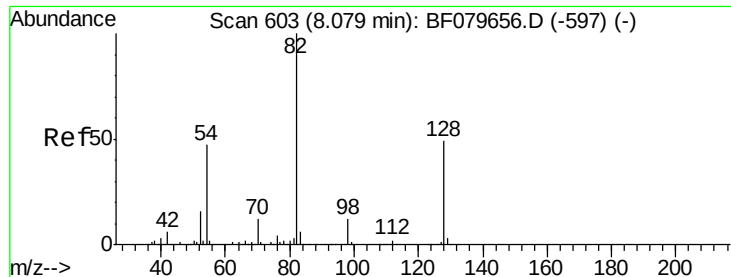
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 3.89 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

Instrument :

BNA_F

ClientSampleId :

T-550

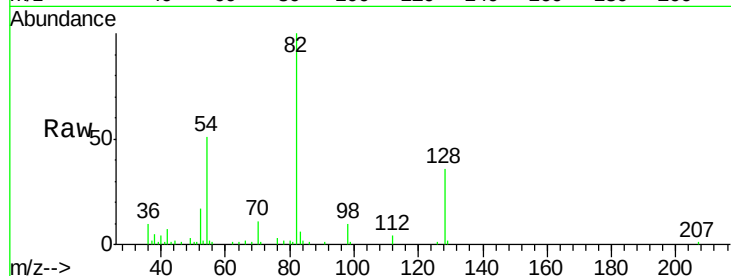
Tgt Ion: 82 Resp: 33098

Ion Ratio Lower Upper

82 100

128 35.9 39.4 59.0#

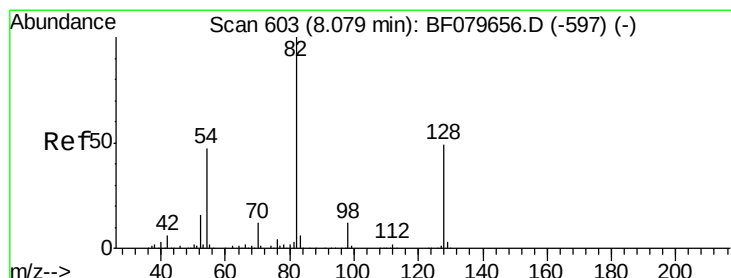
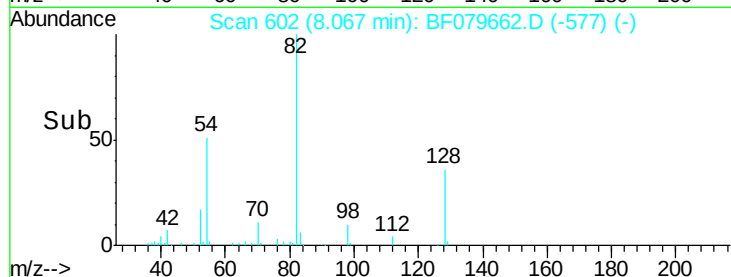
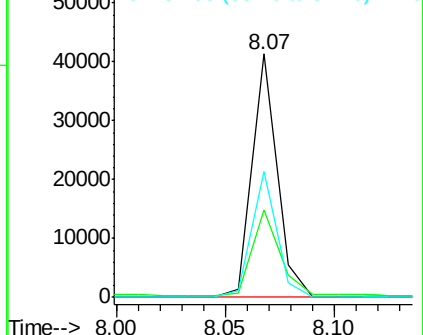
54 51.4 37.4 56.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 2.97 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.26 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

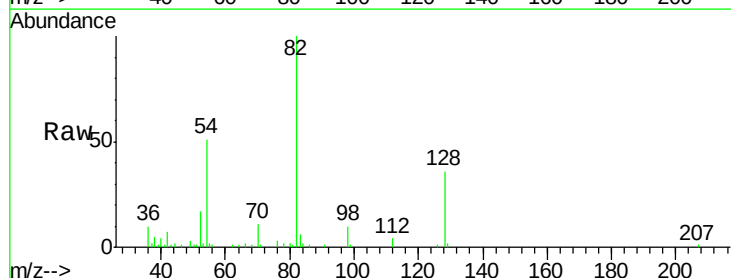
Tgt Ion: 82 Resp: 32102

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

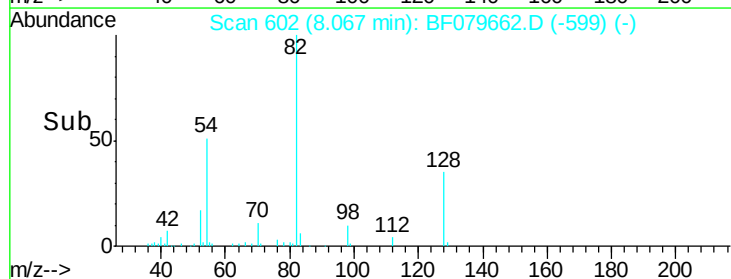
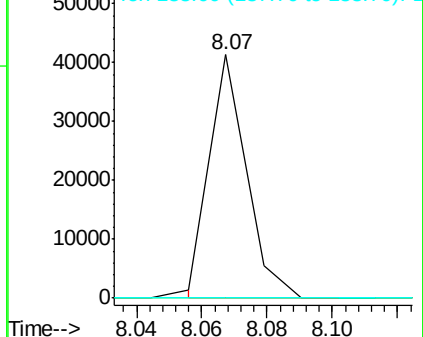
138 0.0 14.4 21.6#

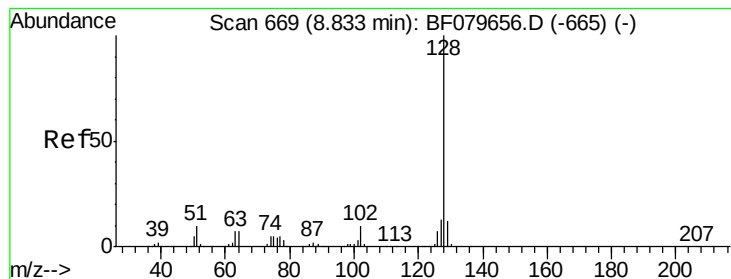


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 0.07 ng

RT: 8.83 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

Instrument :

BNA_F

ClientSampleId :

T-550

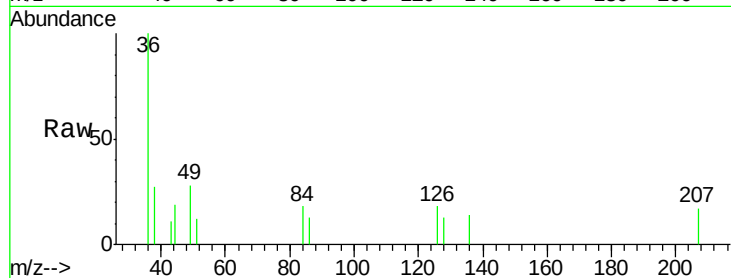
Tgt Ion:128 Resp: 1140

Ion Ratio Lower Upper

128 100

129 0.0 9.3 13.9#

127 0.0 10.4 15.6#



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

600

500

400

300

200

100

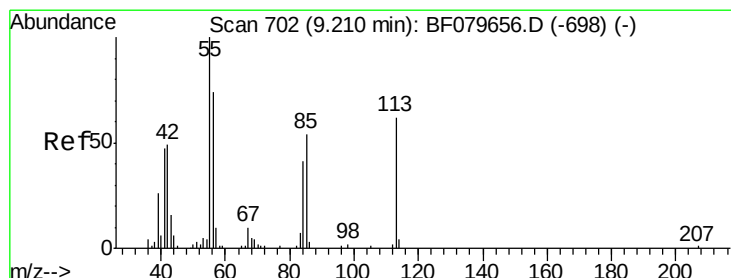
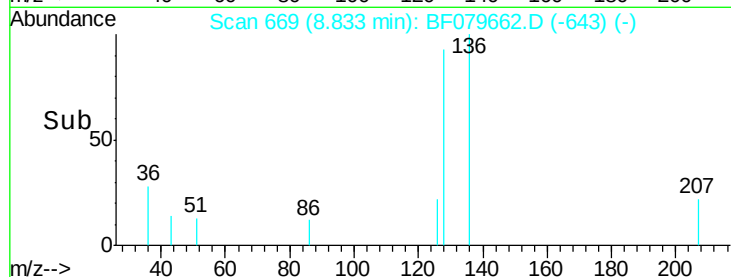
0

8.80

8.83

8.85

Time-->



#35

Caprolactam

Concen: 0.30 ng

RT: 9.19 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

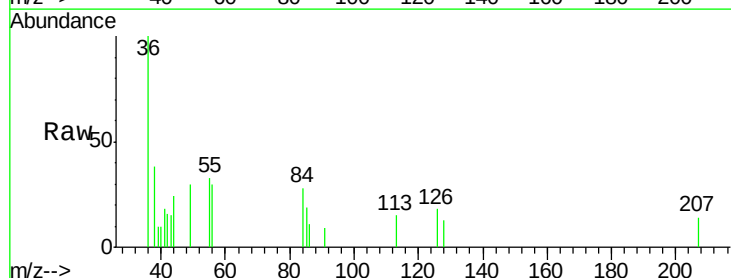
Tgt Ion:113 Resp: 369

Ion Ratio Lower Upper

113 100

55 216.5 142.3 182.3#

56 195.7 99.8 139.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

1500

1000

500

0

9.16

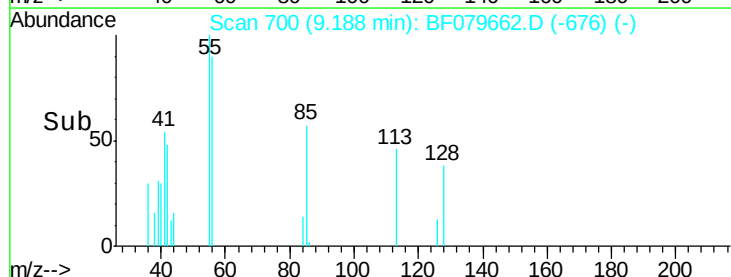
9.18

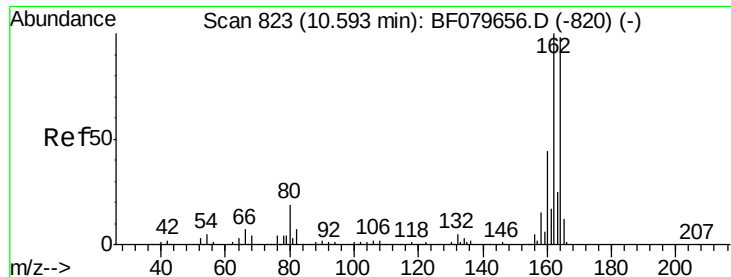
9.19

9.20

9.22

Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

Instrument :

BNA_F

ClientSampleId :

T-550

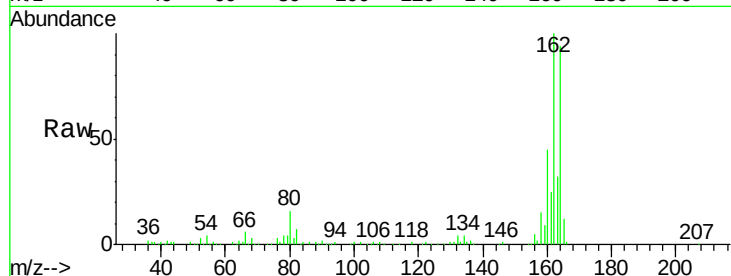
Tgt Ion:164 Resp: 151761

Ion Ratio Lower Upper

164 100

162 106.6 82.0 123.0

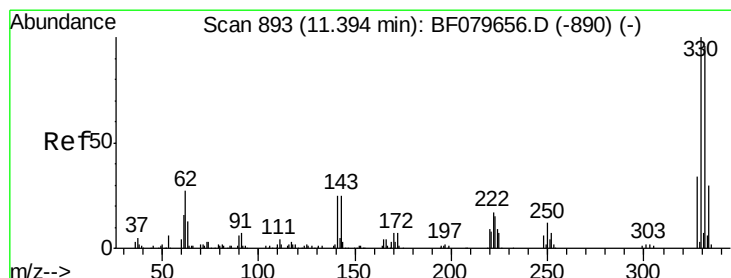
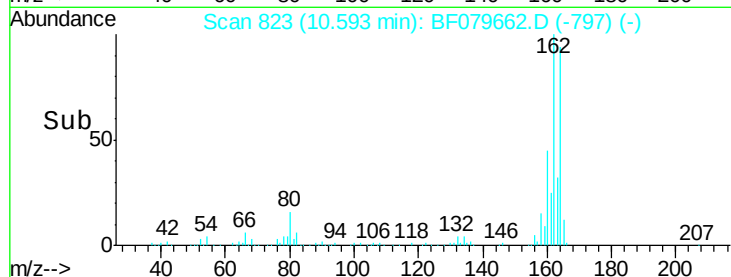
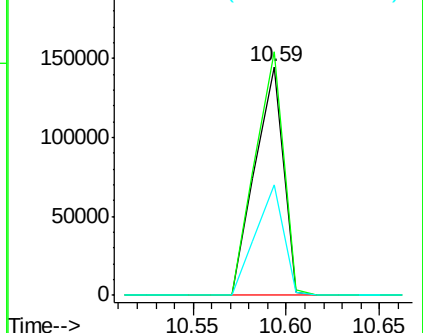
160 48.5 35.9 53.9



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: 12.39 ng

RT: 11.38 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

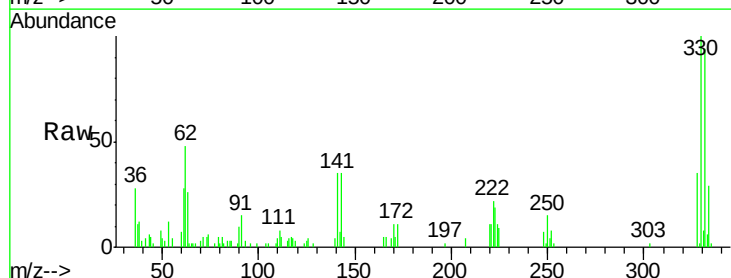
Tgt Ion:330 Resp: 15518

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

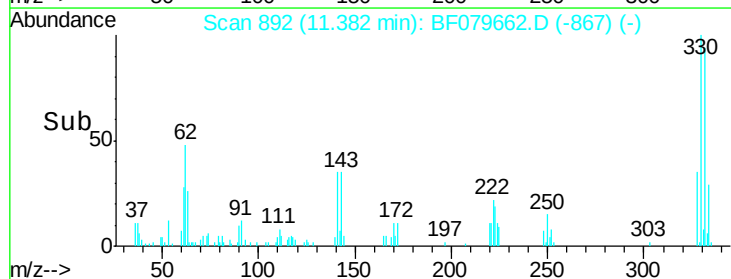
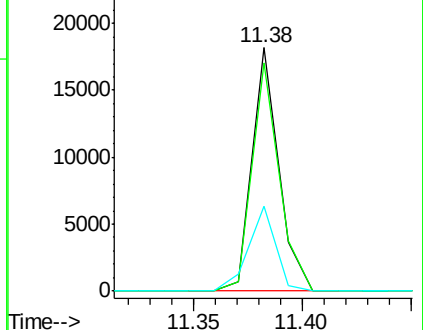
141 35.7 27.4 41.2

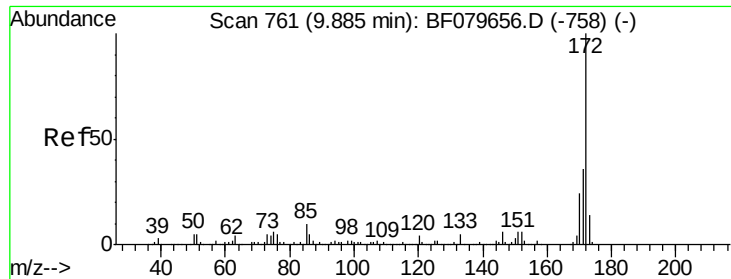


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

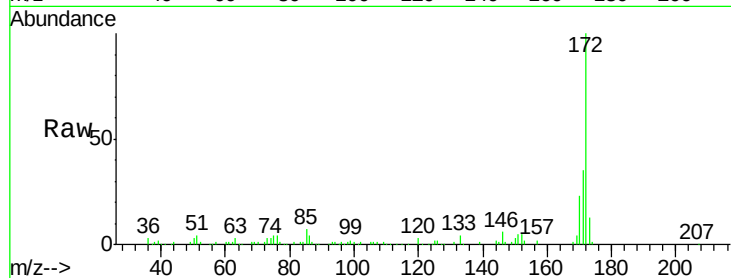




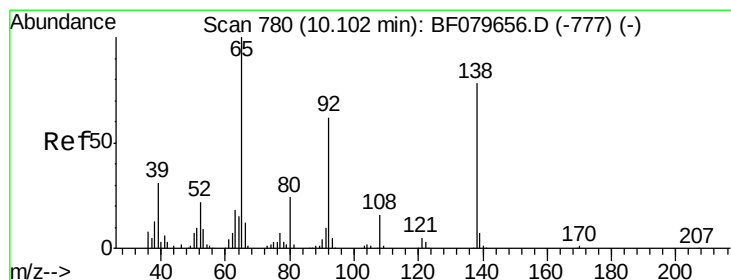
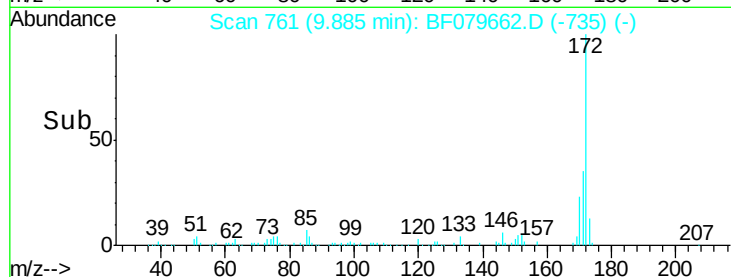
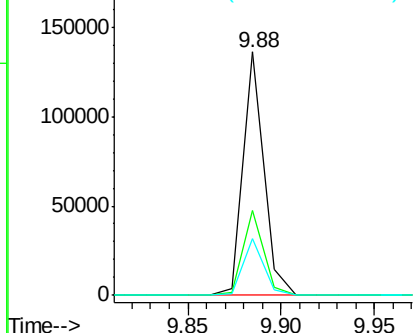
#44
 2-Fluorobiphenyl
 Concen: 4.37 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079662.D
 Acq: 3 Jun 2015 14:34

Instrument :
 BNA_F
 ClientSampleId :
 T-550

Tgt Ion: 172 Resp: 106208
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.8 43.2
 170 23.3 19.2 28.8

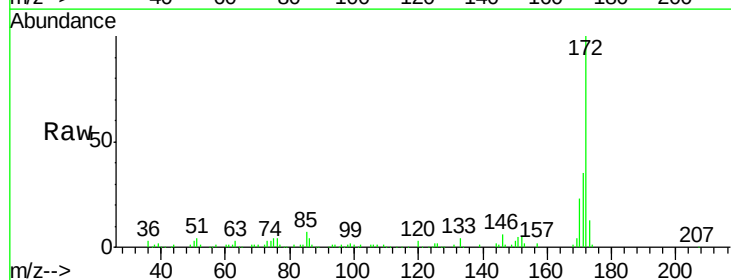


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

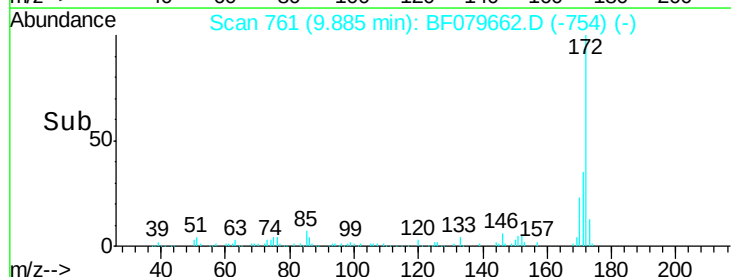
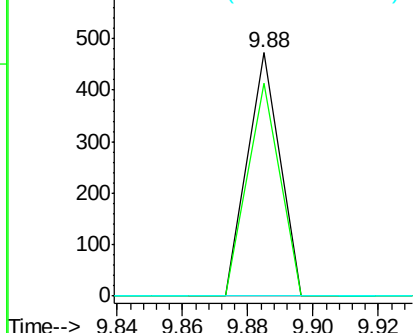


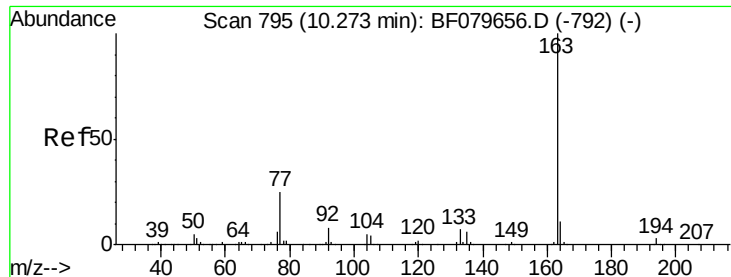
#47
 2-Nitroaniline
 Concen: 0.17 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.22 min
 Lab File: BF079662.D
 Acq: 3 Jun 2015 14:34

Tgt Ion: 65 Resp: 324
 Ion Ratio Lower Upper
 65 100
 92 87.5 49.7 74.5#
 138 0.0 62.6 94.0#



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

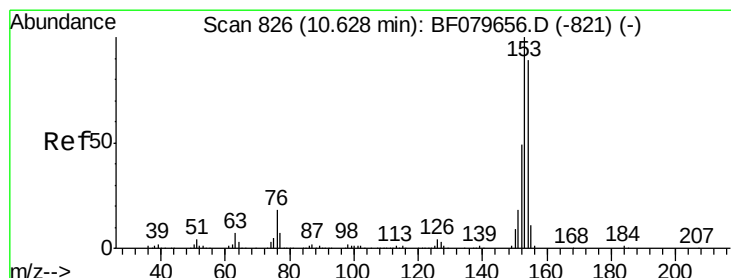
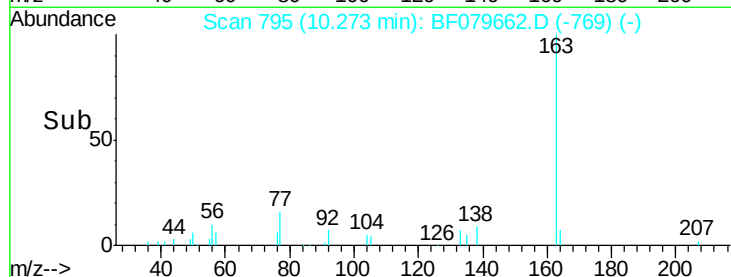
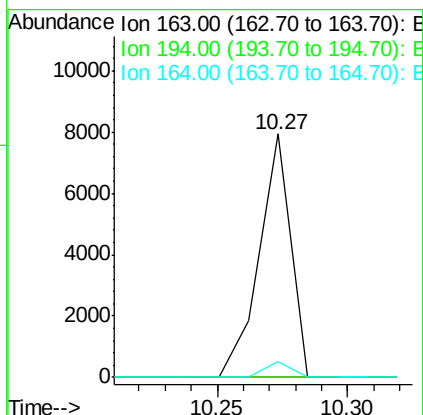
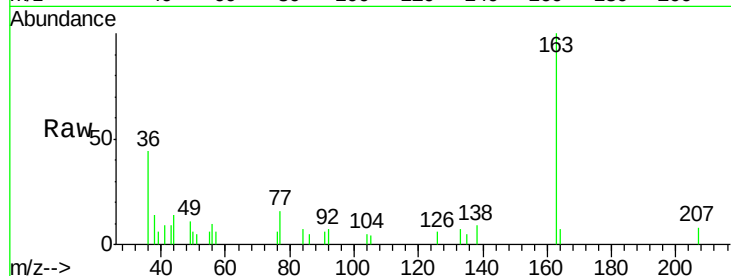




#49
Dimethylphthalate
Concen: 0.60 ng
RT: 10.27 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF079662.D
Acq: 3 Jun 2015 14:34

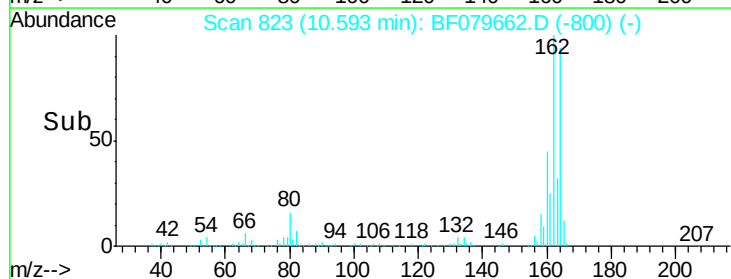
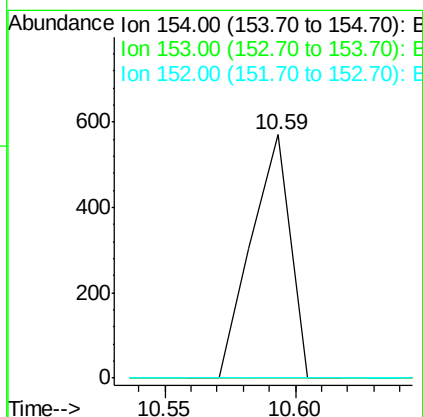
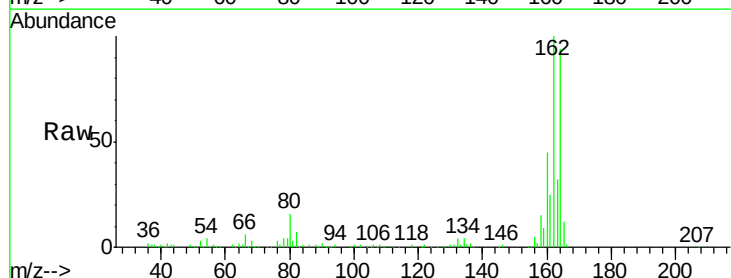
Instrument :
BNA_F
ClientSampled :
T-550

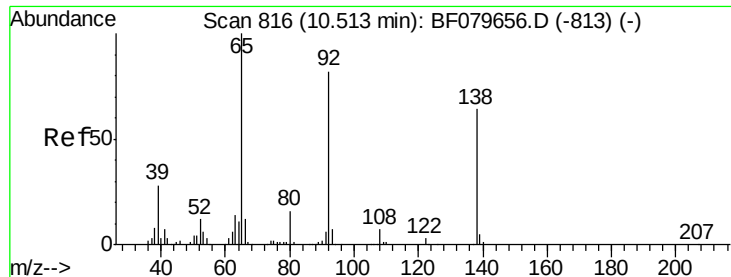
Tgt Ion:163 Resp: 6719
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 6.6 8.6 12.8#



#51
Acenaphthene
Concen: 0.07 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF079662.D
Acq: 3 Jun 2015 14:34

Tgt Ion:154 Resp: 601
Ion Ratio Lower Upper
154 100
153 0.0 89.8 134.6#
152 0.0 43.8 65.8#





#52

3-Nitroaniline

Concen: 1.83 ng

RT: 10.28 min Scan# 796

Delta R.T. -0.23 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

Instrument :

BNA_F

ClientSampleId :

T-550

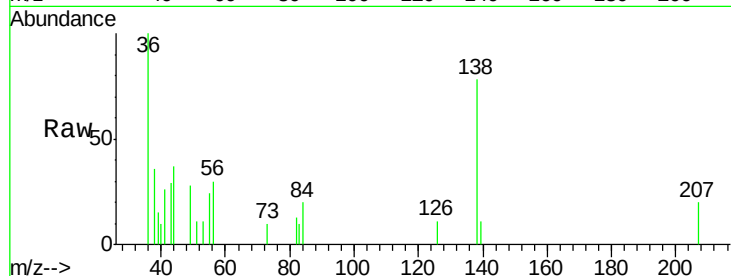
Tgt Ion:138 Resp: 3984

Ion Ratio Lower Upper

138 100

108 0.0 9.1 13.7#

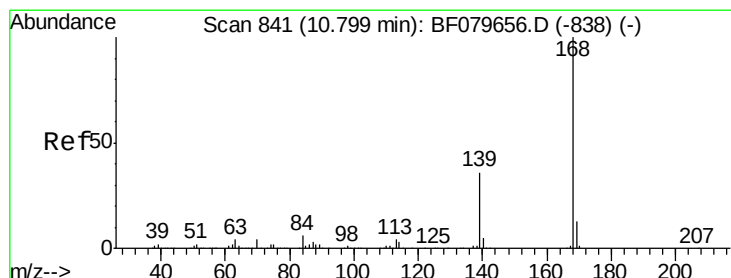
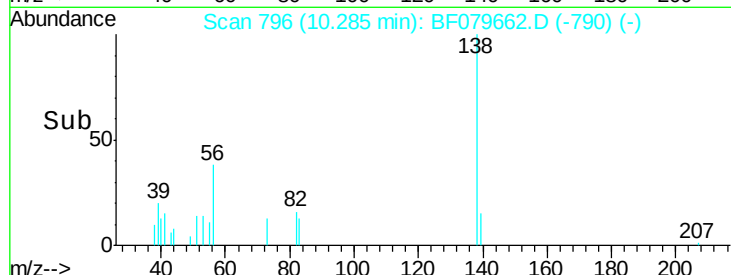
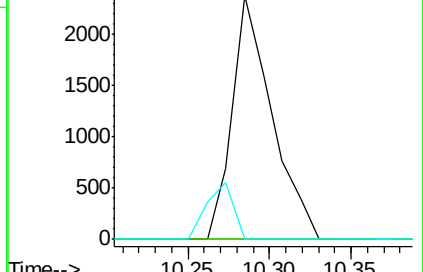
92 0.0 101.4 152.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#54

Dibenzofuran

Concen: 0.02 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

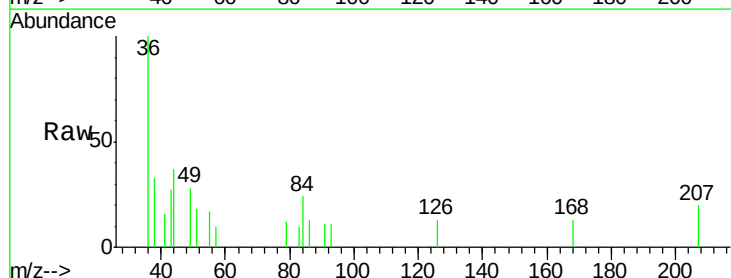
Tgt Ion:168 Resp: 260

Ion Ratio Lower Upper

168 100

139 0.0 29.1 43.7#

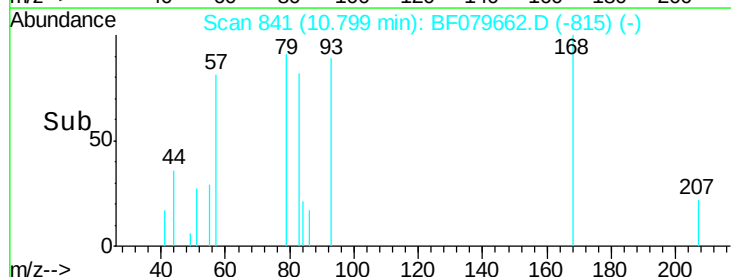
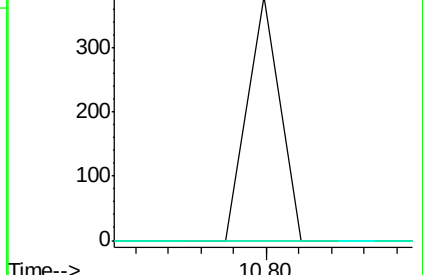
169 0.0 10.7 16.1#

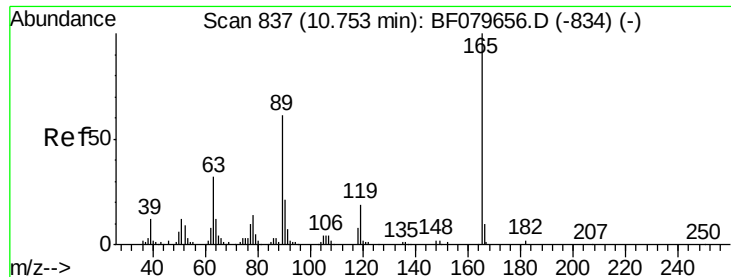


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

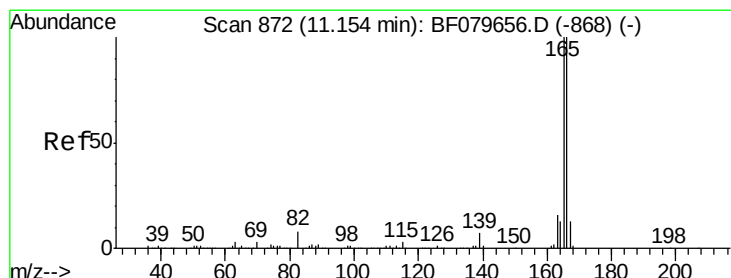
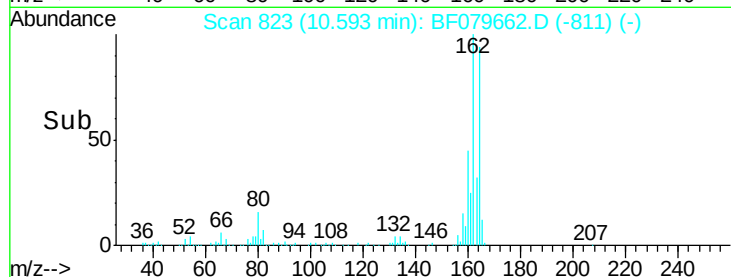
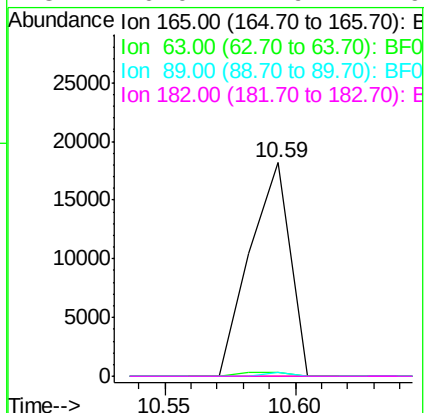
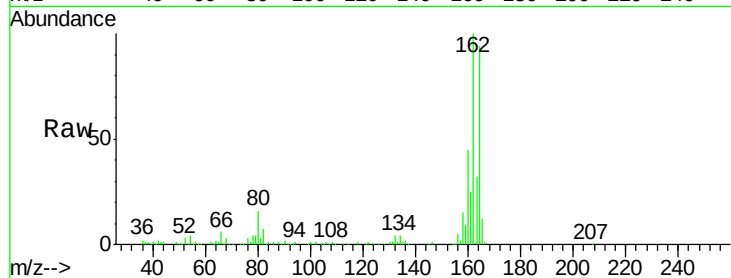




#56
2,4-Dinitrotoluene
Concen: 12.80 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.16 min
Lab File: BF079662.D
Acq: 3 Jun 2015 14:34

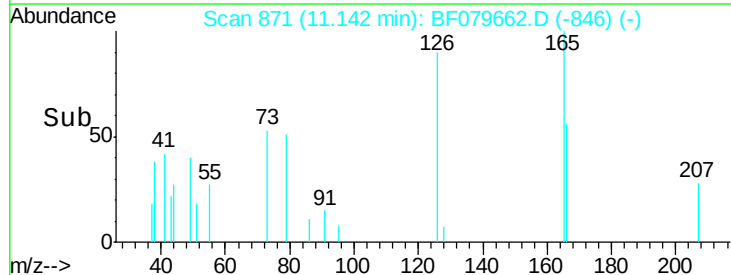
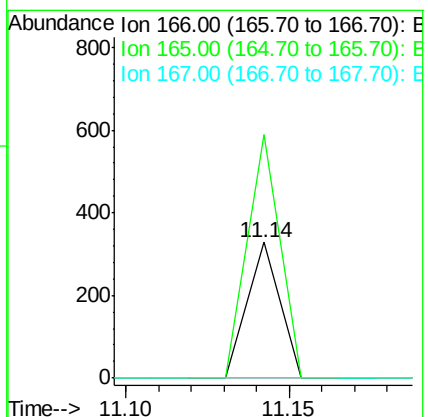
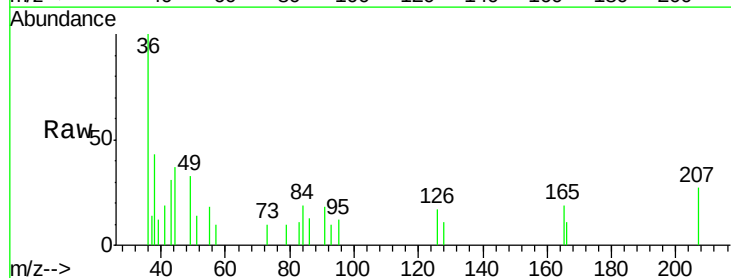
Instrument :
BNA_F
ClientSampled :
T-550

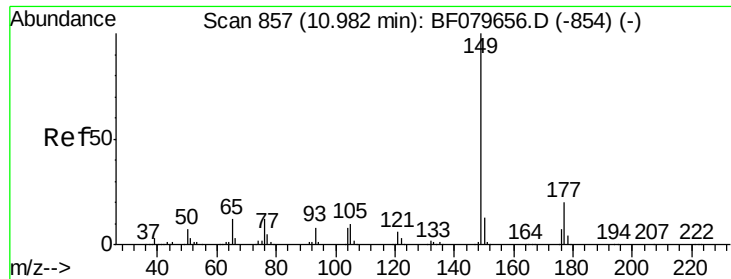
Tgt Ion:165 Resp: 19679
Ion Ratio Lower Upper
165 100
63 1.9 25.5 38.3#
89 1.9 48.5 72.7#
182 0.0 1.9 2.9#



#57
Fluorene
Concen: 0.02 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF079662.D
Acq: 3 Jun 2015 14:34

Tgt Ion:166 Resp: 226
Ion Ratio Lower Upper
166 100
165 179.0 79.8 119.6#
167 0.0 10.6 15.8#

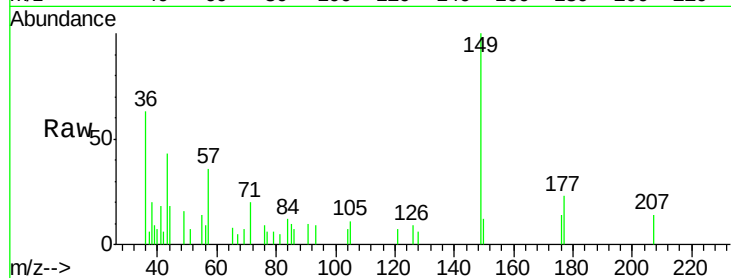




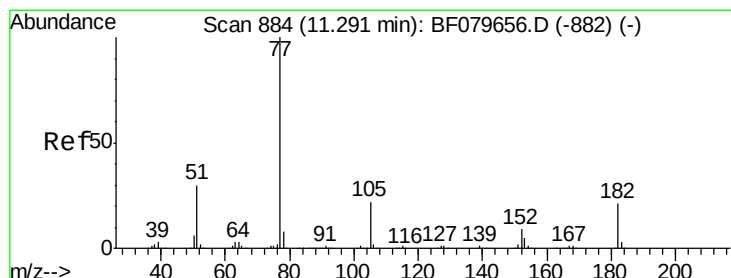
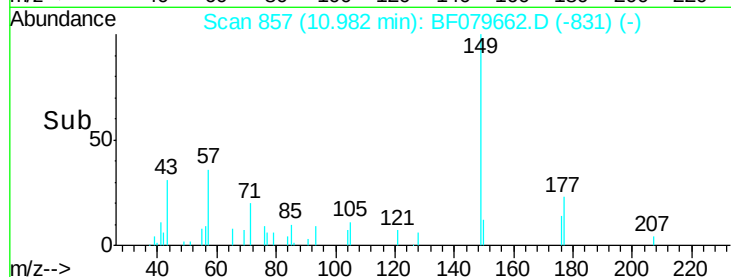
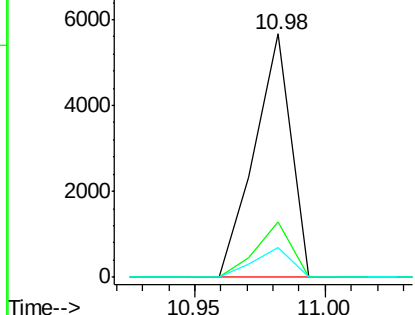
#59
Diethylphthalate
Concen: 0.51 ng
RT: 10.98 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF079662.D
Acq: 3 Jun 2015 14:34

Instrument :
BNA_F
ClientSampleId :
T-550

Tgt Ion: 149 Resp: 5495
Ion Ratio Lower Upper
149 100
177 22.9 16.1 24.1
150 12.1 10.2 15.2

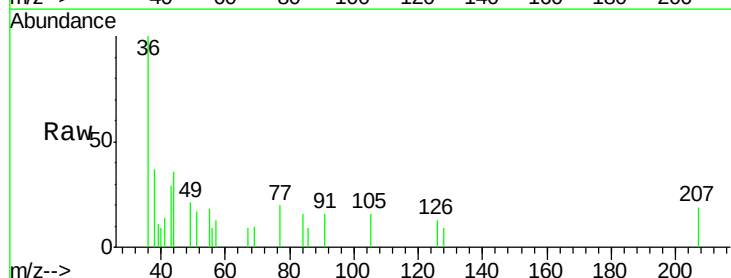


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

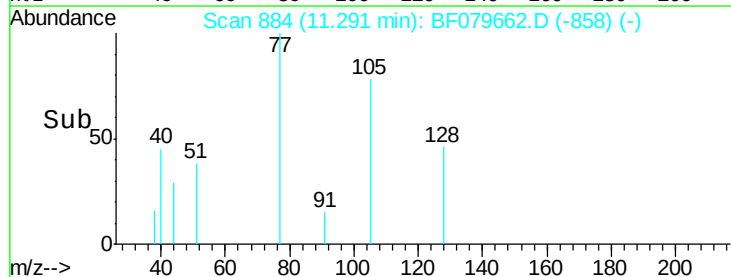
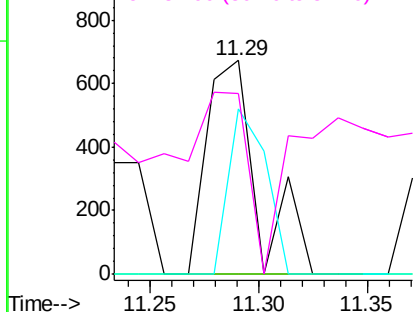


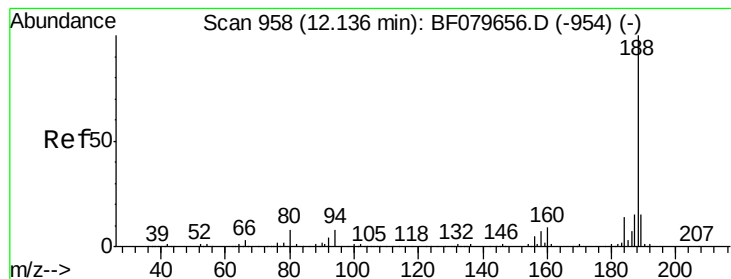
#62
Azobenzene
Concen: 0.11 ng
RT: 11.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF079662.D
Acq: 3 Jun 2015 14:34

Tgt Ion: 77 Resp: 1093
Ion Ratio Lower Upper
77 100
182 0.0 1.3 41.3#
105 77.6 2.3 42.3#
51 84.4 9.9 49.9#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.11 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

Instrument :

BNA_F

ClientSampled :

T-550

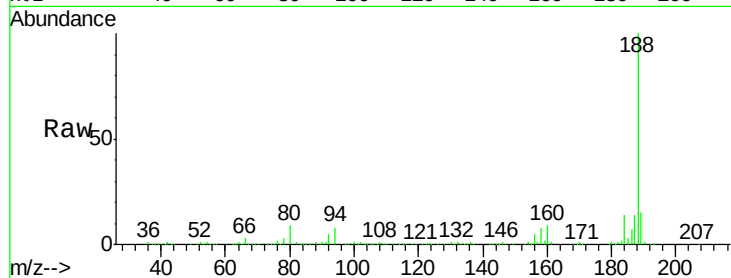
Tgt Ion:188 Resp: 323668

Ion Ratio Lower Upper

188 100

94 8.2 6.1 9.1

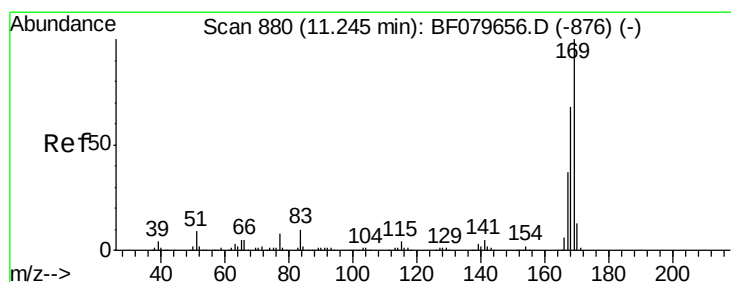
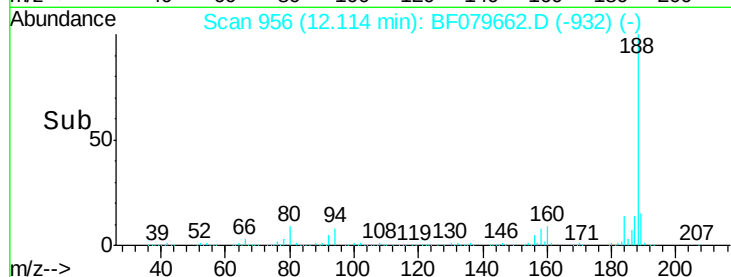
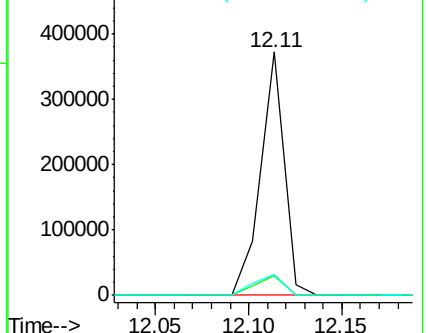
80 8.7 6.2 9.2



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



#65

n-Nitrosodiphenylamine

Concen: 0.03 ng

RT: 11.23 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

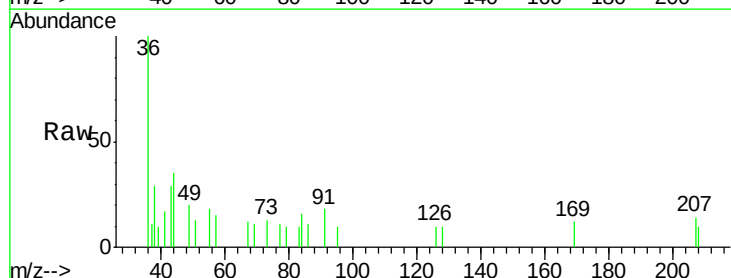
Tgt Ion:169 Resp: 276

Ion Ratio Lower Upper

169 100

168 0.0 54.3 81.5#

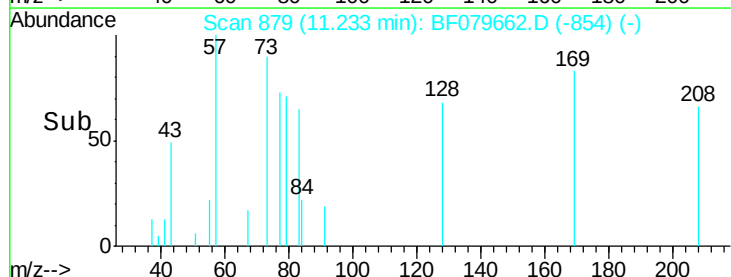
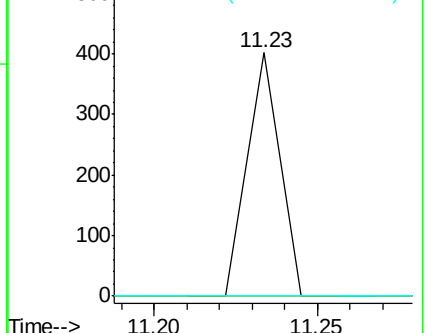
167 0.0 29.4 44.0#

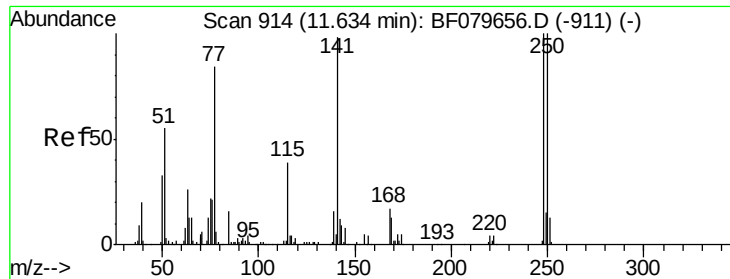


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

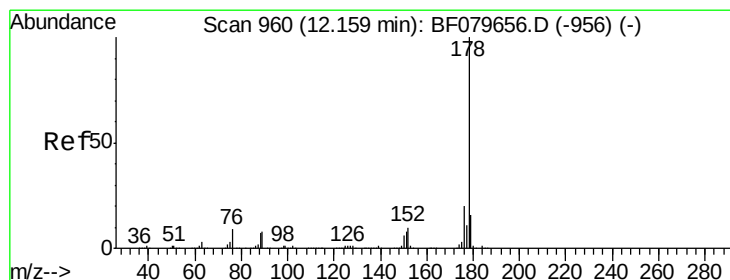
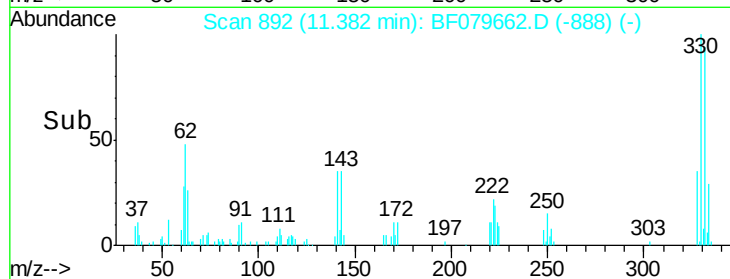
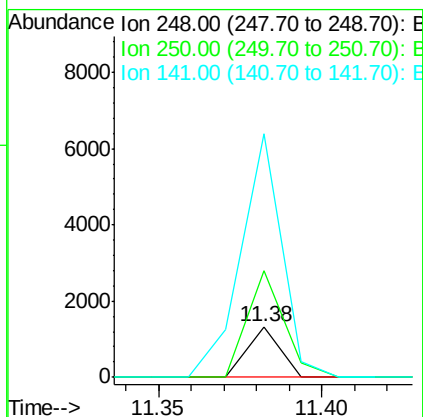
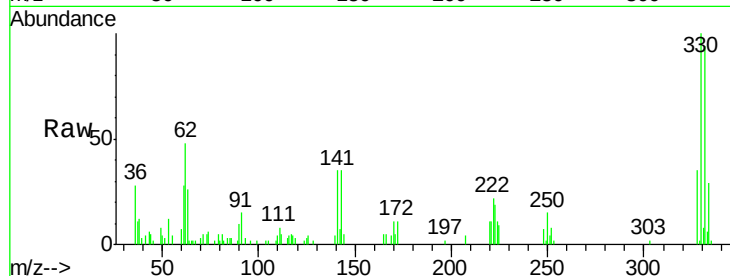




#66
 4-Bromophenyl-phenylether
 Concen: 0.28 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.25 min
 Lab File: BF079662.D
 Acq: 3 Jun 2015 14:34

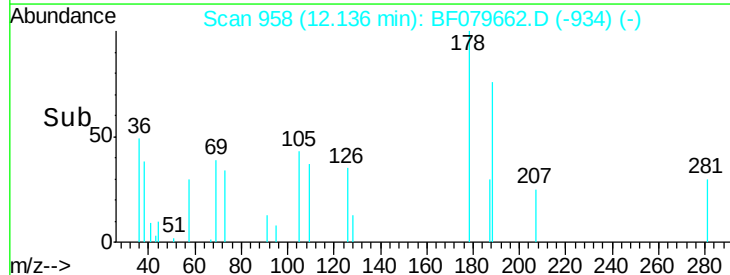
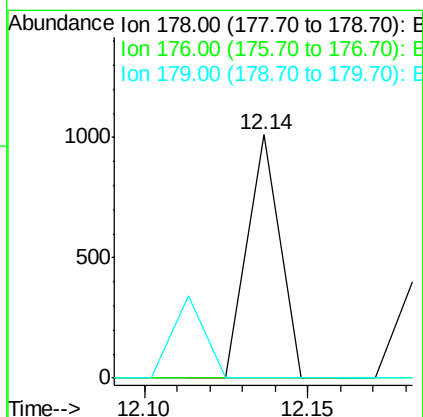
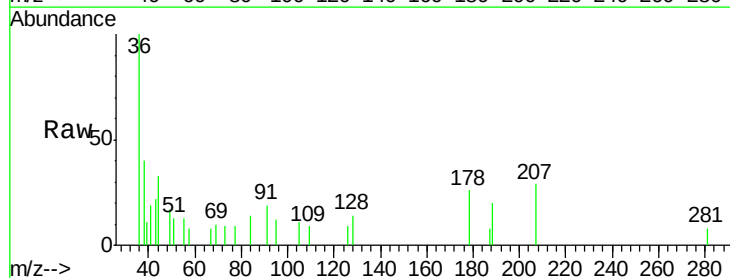
Instrument :
 BNA_F
 ClientSampleId :
 T-550

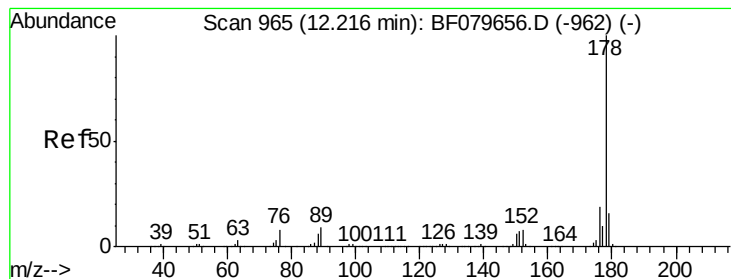
Tgt Ion:248 Resp: 916
 Ion Ratio Lower Upper
 248 100
 250 209.8 80.0 120.0#
 141 478.1 78.8 118.2#



#70
 Phenanthrene
 Concen: 0.04 ng
 RT: 12.14 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF079662.D
 Acq: 3 Jun 2015 14:34

Tgt Ion:178 Resp: 694
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 0.0 12.7 19.1#





#71

Anthracene

Concen: 0.04 ng

RT: 12.19 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

Instrument :

BNA_F

ClientSampleId :

T-550

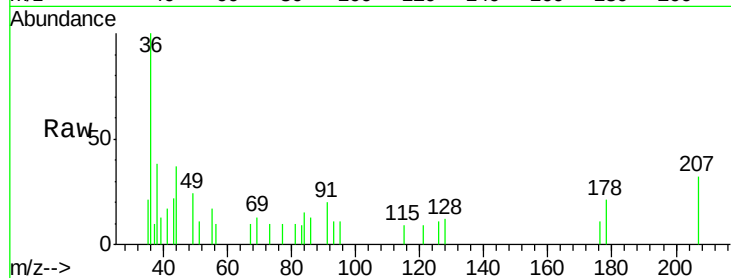
Tgt Ion:178 Resp: 802

Ion Ratio Lower Upper

178 100

176 50.8 15.4 23.0#

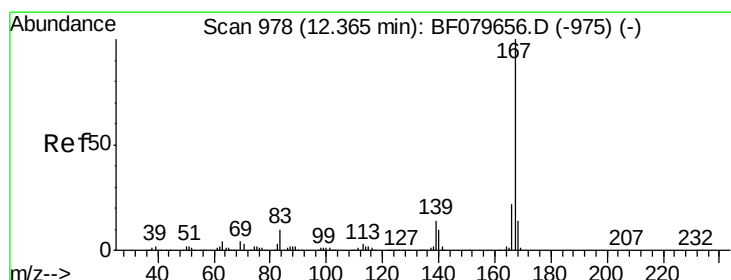
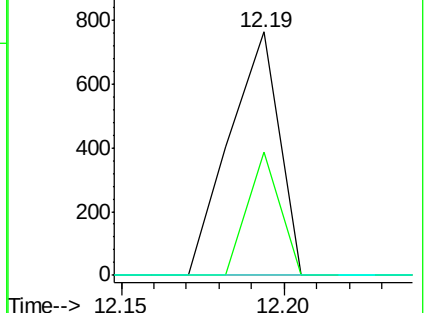
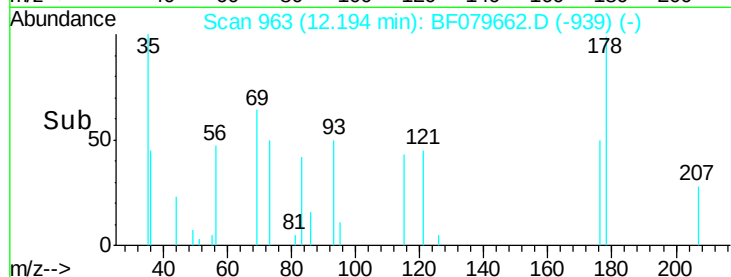
179 0.0 12.6 19.0#



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: 0.03 ng

RT: 12.34 min Scan# 976

Delta R.T. -0.02 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

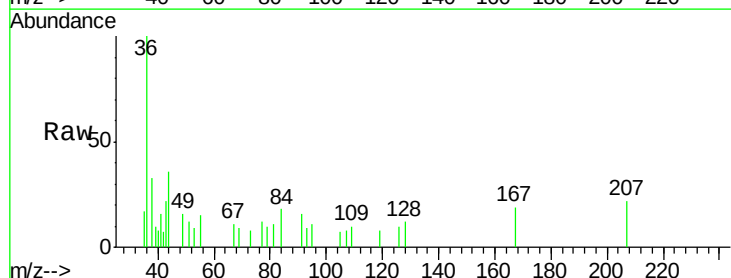
Tgt Ion:167 Resp: 529

Ion Ratio Lower Upper

167 100

166 0.0 17.4 26.2#

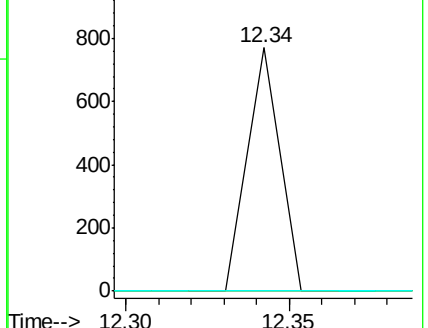
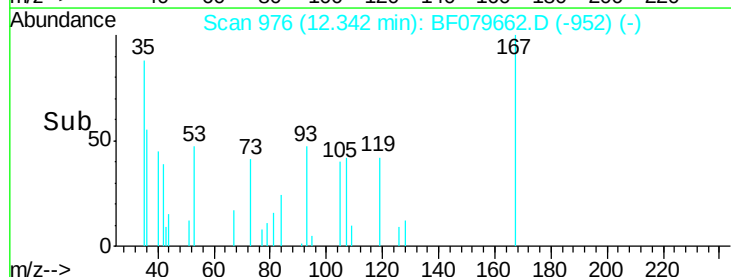
139 0.0 11.3 16.9#

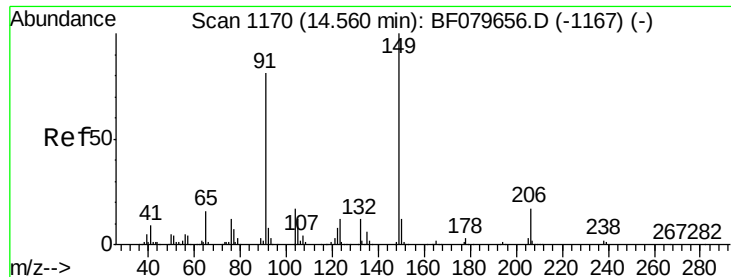


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

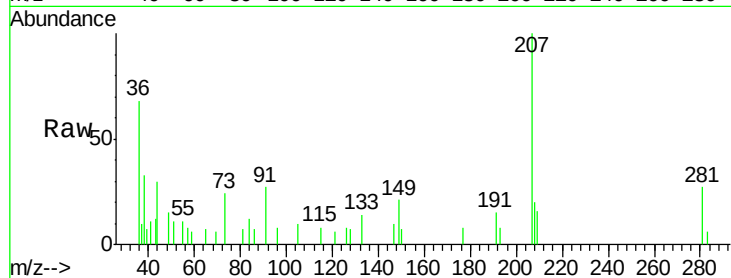




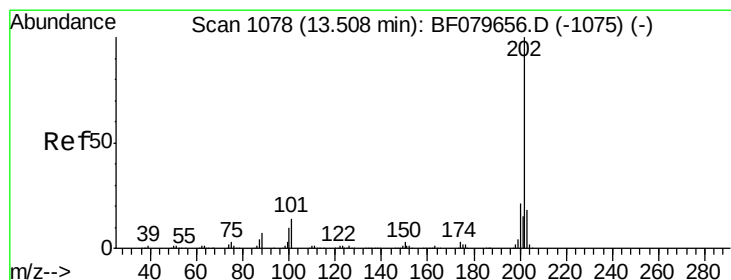
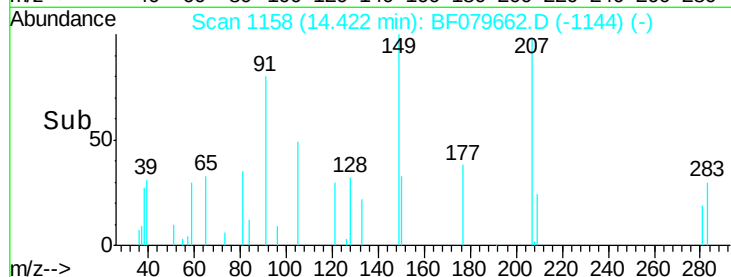
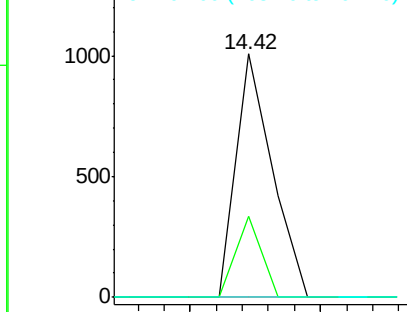
#73
Di-n-butylphthalate
Concen: 1.15 ng
RT: 14.42 min Scan# 1158
Delta R.T. -0.14 min
Lab File: BF079662.D
Acq: 3 Jun 2015 14:34

Instrument :
BNA_F
ClientSampleId :
T-550

Tgt Ion:149 Resp: 979
Ion Ratio Lower Upper
149 100
150 33.1 9.5 14.3#
104 0.0 13.8 20.6#

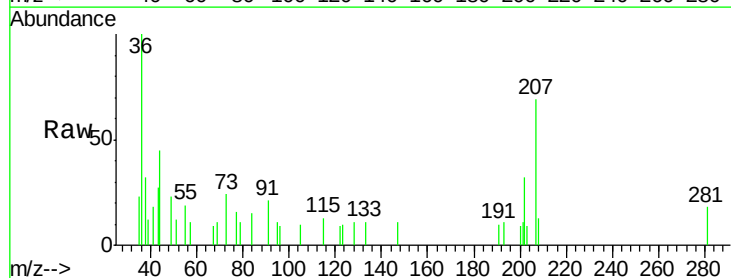


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

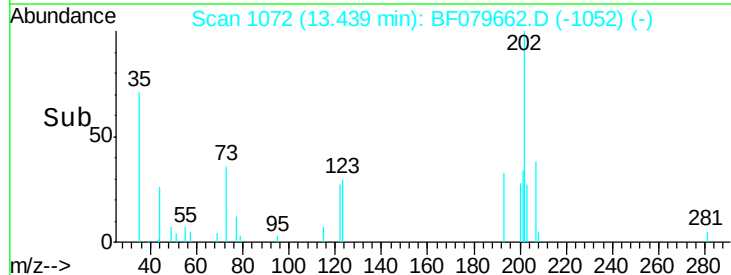
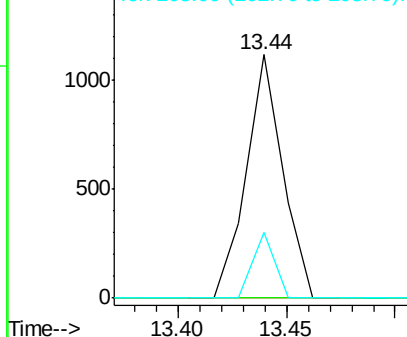


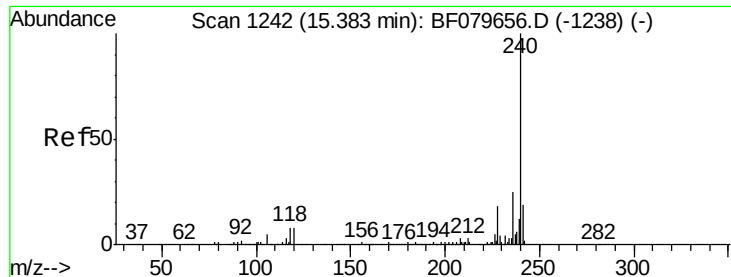
#74
Fluoranthene
Concen: 0.07 ng
RT: 13.44 min Scan# 1072
Delta R.T. -0.07 min
Lab File: BF079662.D
Acq: 3 Jun 2015 14:34

Tgt Ion:202 Resp: 1300
Ion Ratio Lower Upper
202 100
101 0.0 0.0 34.0
203 26.9 0.0 37.9



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: 15.19 min Scan# 1225

Delta R.T. -0.19 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

Instrument :

BNA_F

ClientSampleId :

T-550

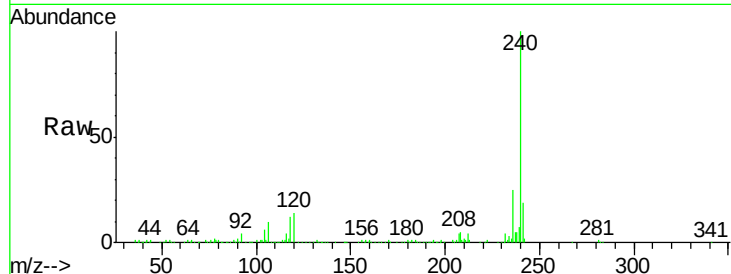
Tgt Ion:240 Resp: 346430

Ion Ratio Lower Upper

240 100

120 14.3 6.4 9.6#

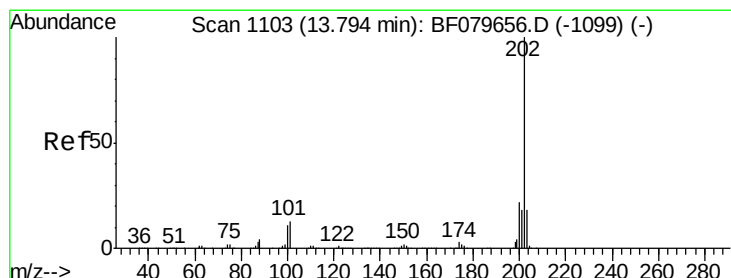
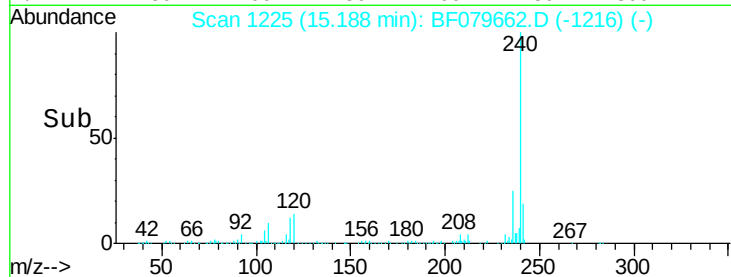
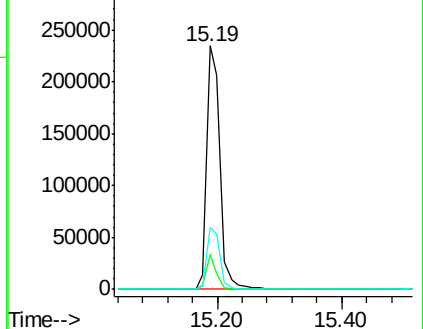
236 25.4 20.2 30.4



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



#77

Pyrene

Concen: 0.04 ng

RT: 13.71 min Scan# 1096

Delta R.T. -0.08 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

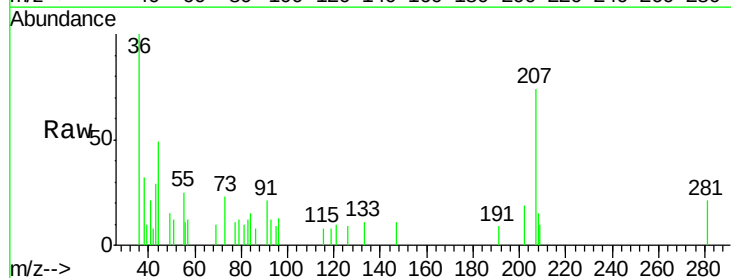
Tgt Ion:202 Resp: 861

Ion Ratio Lower Upper

202 100

200 0.0 17.4 26.0#

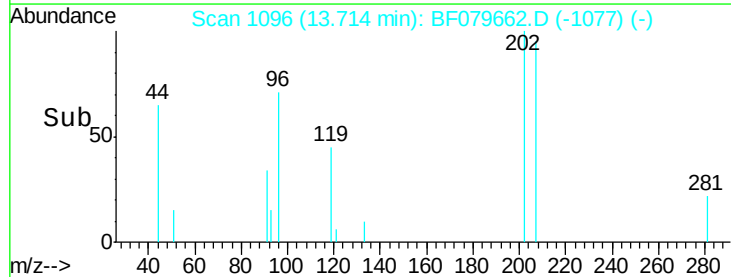
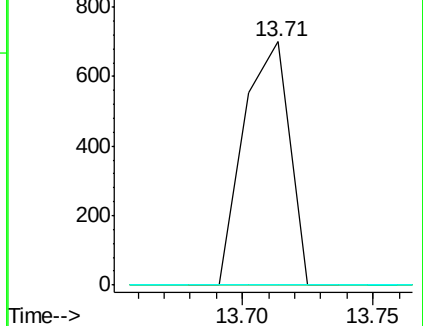
203 0.0 14.5 21.7#

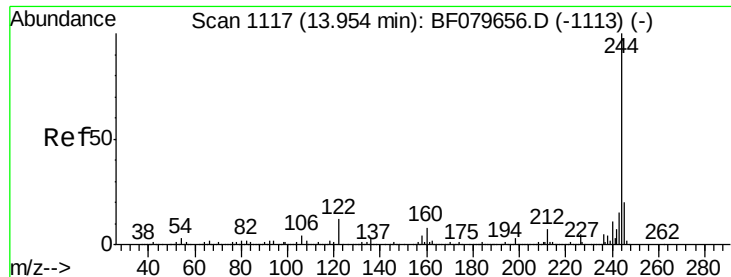


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 7.27 ng

RT: 13.85 min Scan# 1108

Delta R.T. -0.10 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

Instrument :

BNA_F

ClientSampleId :

T-550

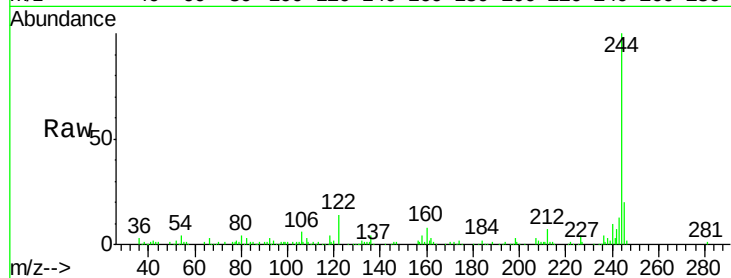
Tgt Ion:244 Resp: 158617

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

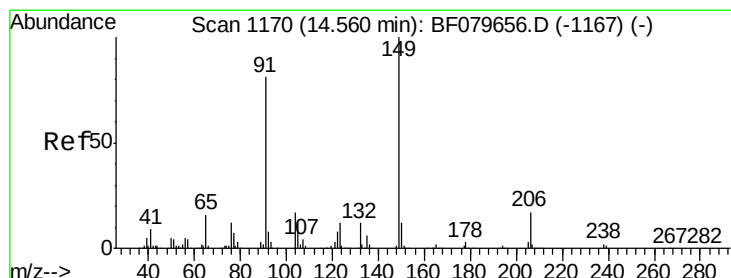
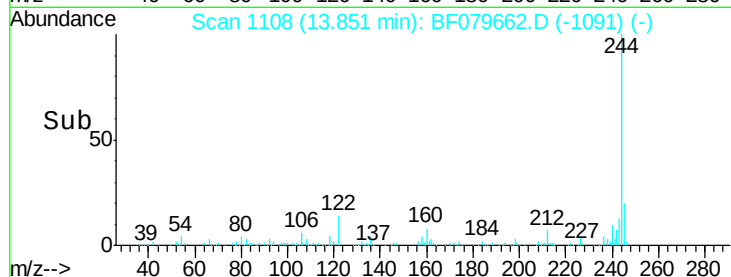
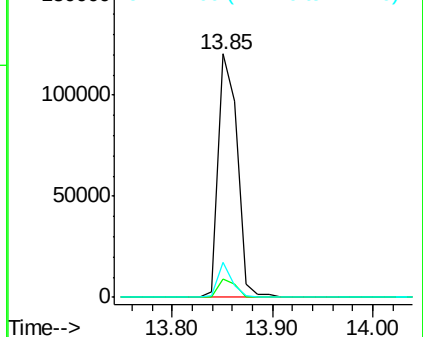
122 14.2 9.8 14.6



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: 1.32 ng

RT: 14.42 min Scan# 1158

Delta R.T. -0.14 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

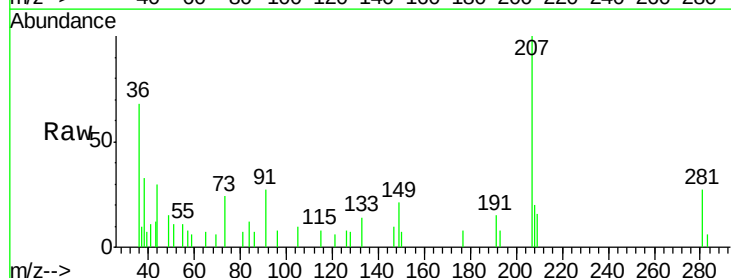
Tgt Ion:149 Resp: 979

Ion Ratio Lower Upper

149 100

91 128.9 64.4 96.6#

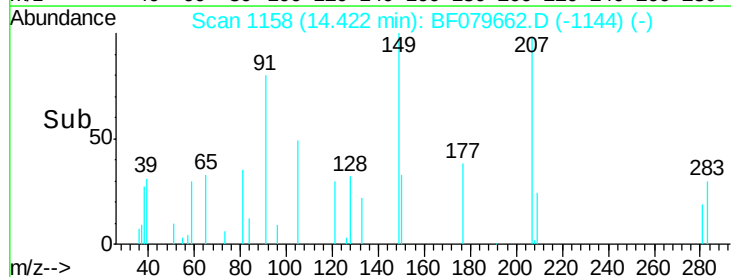
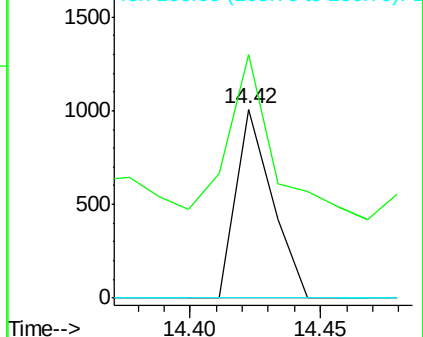
206 0.0 13.6 20.4#

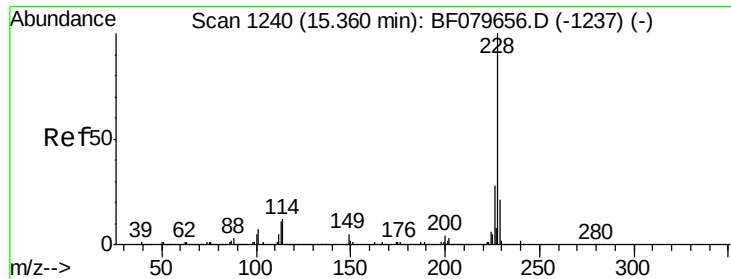


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.08 ng

RT: 15.19 min Scan# 1225

Delta R.T. -0.17 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

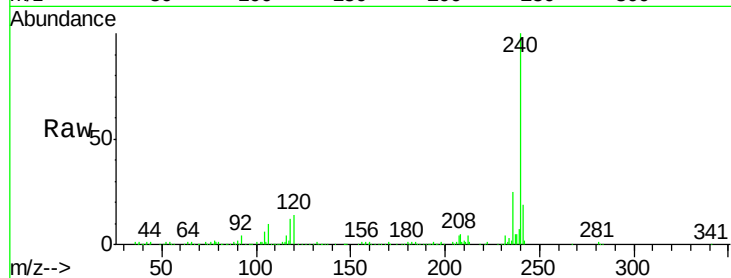
Instrument :

BNA_F

ClientSampleId :

T-550

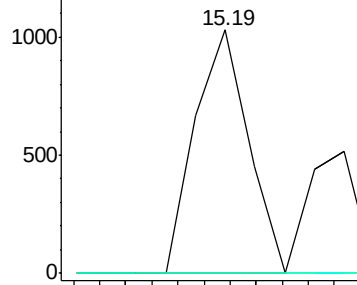
Tgt Ion:	228	Resp:	1472
Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.5	33.7#
229	0.0	16.6	24.8#



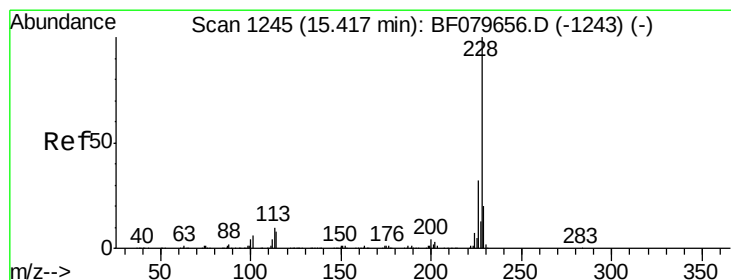
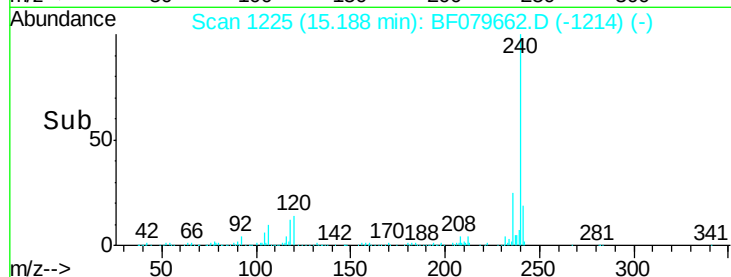
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

Chrysene

Concen: 0.03 ng

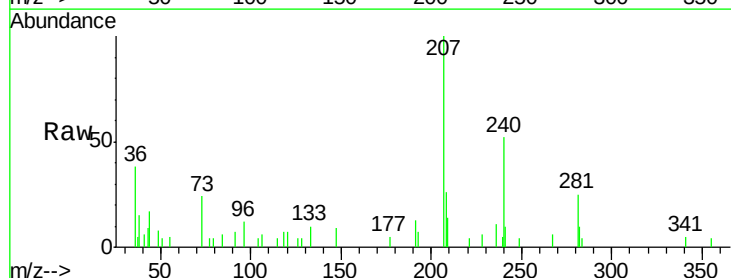
RT: 15.23 min Scan# 1229

Delta R.T. -0.18 min

Lab File: BF079662.D

Acq: 3 Jun 2015 14:34

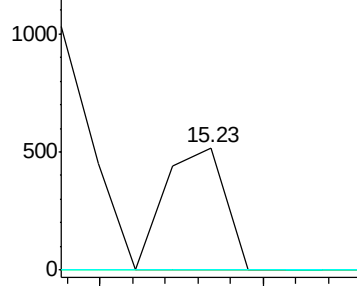
Tgt Ion:	228	Resp:	658
Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.2	37.8#
229	0.0	16.3	24.5#



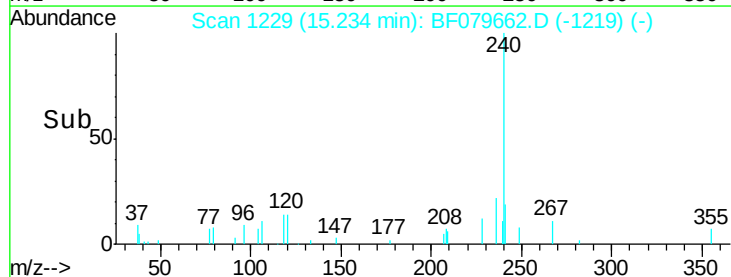
Abundance Ion 228.00 (227.70 to 228.70): E

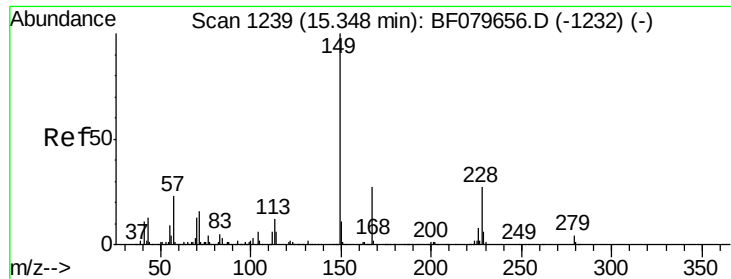
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

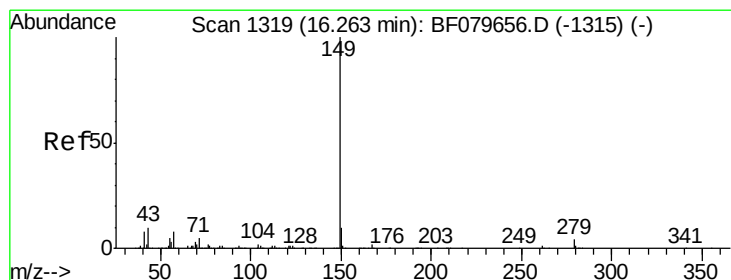
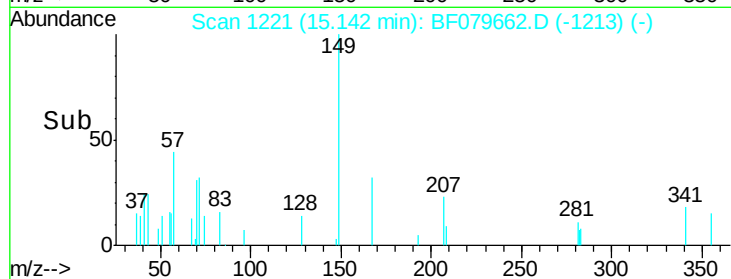
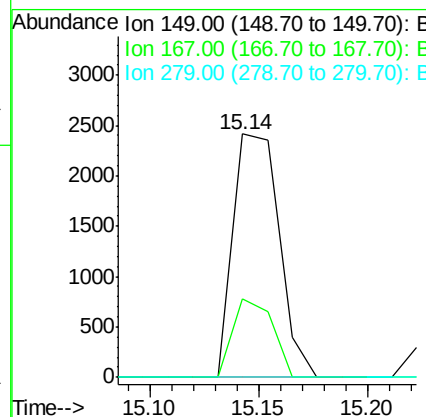
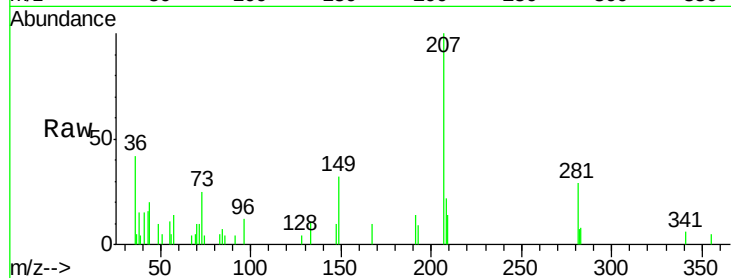




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.51 ng
 RT: 15.14 min Scan# 1221
 Delta R.T. -0.21 min
 Lab File: BF079662.D
 Acq: 3 Jun 2015 14:34

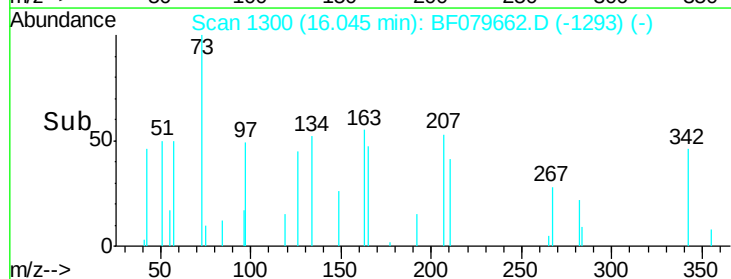
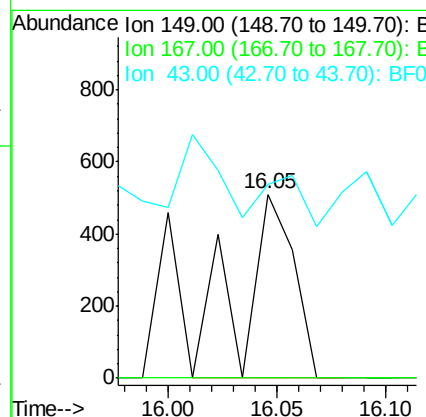
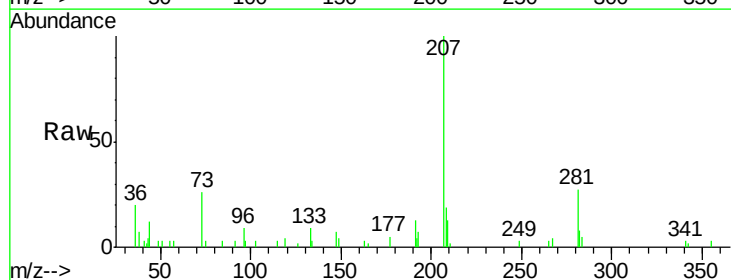
Instrument :
 BNA_F
 ClientSampleId :
 T-550

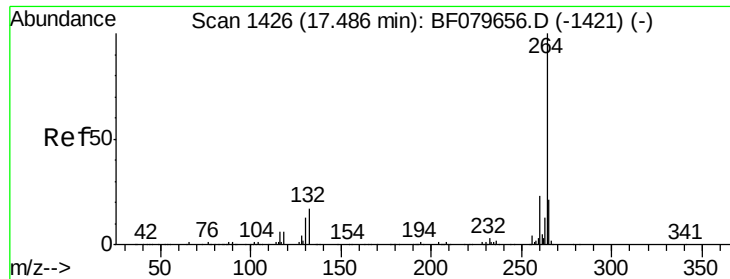
Tgt Ion:149 Resp: 3551
 Ion Ratio Lower Upper
 149 100
 167 32.3 21.6 32.4
 279 0.0 3.1 4.7#



#84
 Di-n-octyl phthalate
 Concen: 1.83 ng
 RT: 16.05 min Scan# 1300
 Delta R.T. -0.22 min
 Lab File: BF079662.D
 Acq: 3 Jun 2015 14:34

Tgt Ion:149 Resp: 868
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 9.4 14.2#

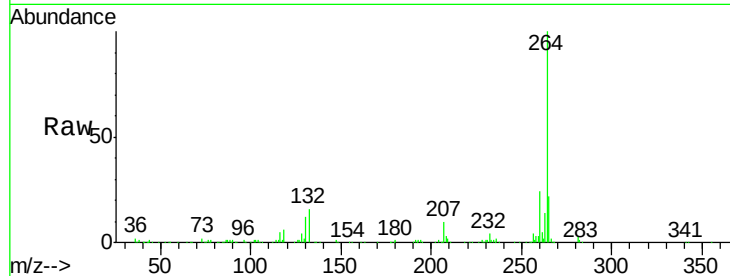




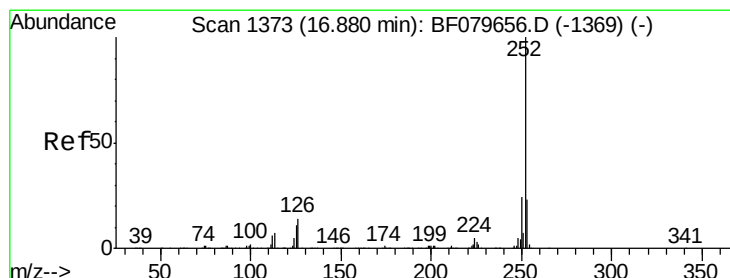
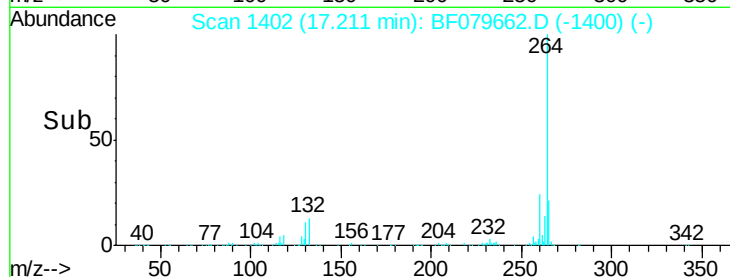
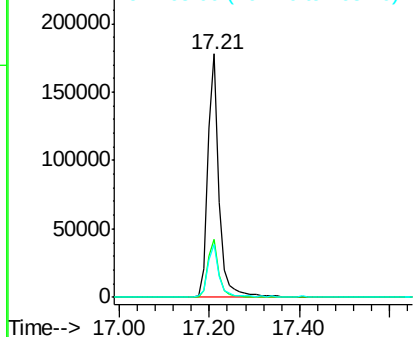
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.21 min Scan# 1402
Delta R.T. -0.27 min
Lab File: BF079662.D
Acq: 3 Jun 2015 14:34

Instrument :
BNA_F
ClientSampleId :
T-550

Tgt Ion:264 Resp: 307636
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.7 17.4 26.0

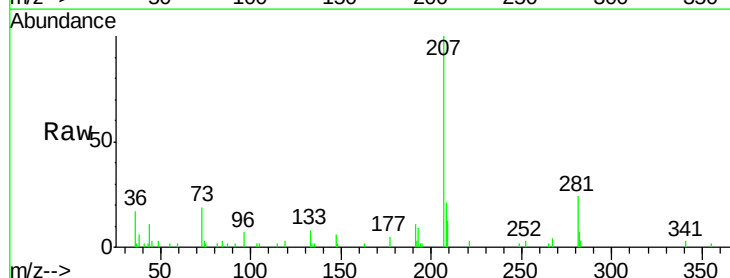


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

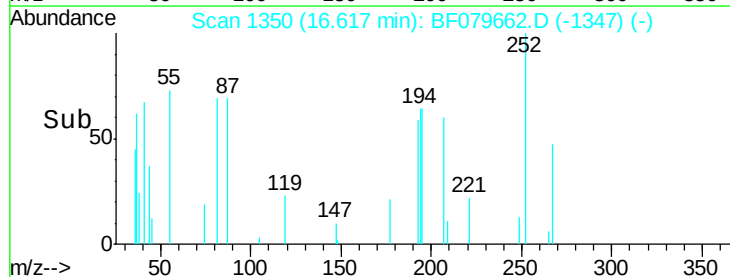
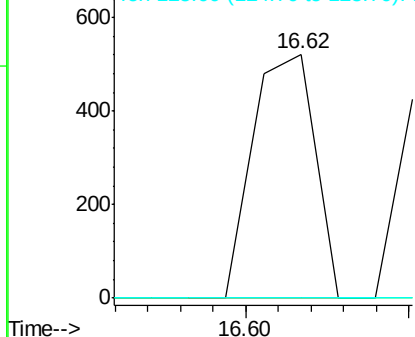


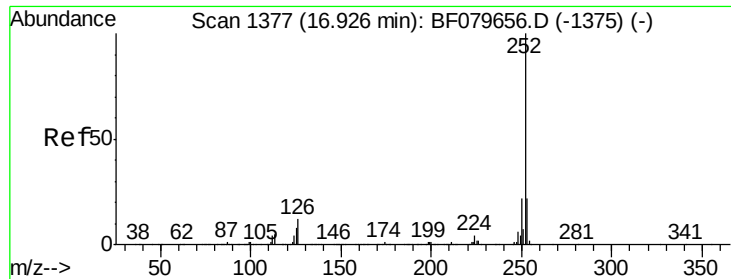
#87
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 16.62 min Scan# 1350
Delta R.T. -0.26 min
Lab File: BF079662.D
Acq: 3 Jun 2015 14:34

Tgt Ion:252 Resp: 686
Ion Ratio Lower Upper
252 100
253 0.0 18.0 27.0#
125 0.0 8.7 13.1#



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

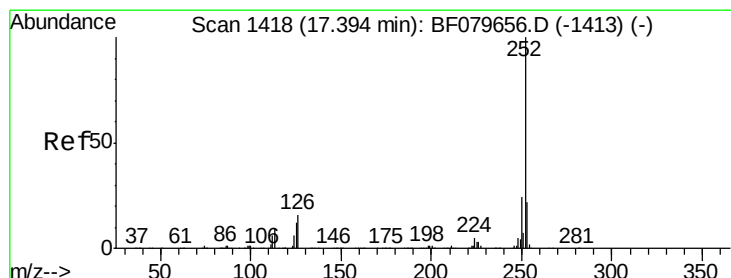
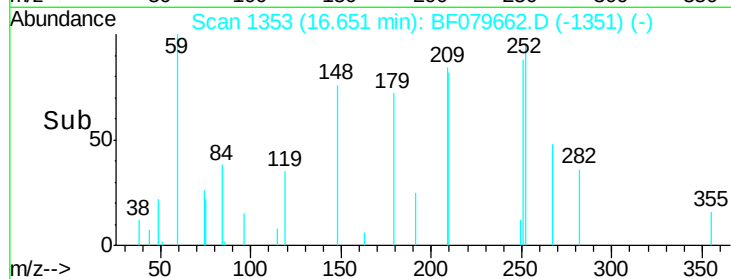
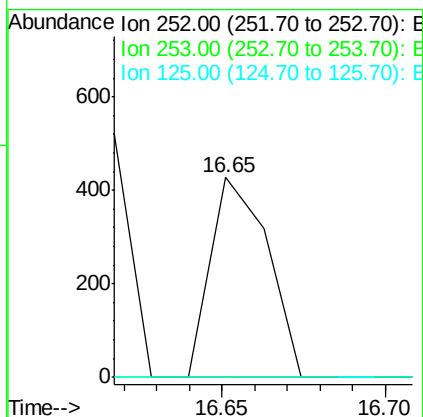
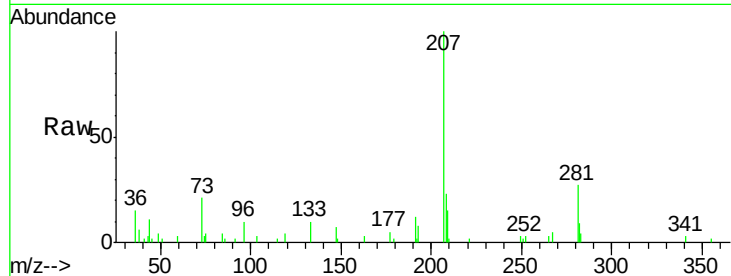




#88
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 16.65 min Scan# 1353
Delta R.T. -0.27 min
Lab File: BF079662.D
Acq: 3 Jun 2015 14:34

Instrument :
BNA_F
ClientSampleId :
T-550

Tgt Ion:252 Resp: 510
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 0.0 7.1 10.7#



#89
Benzo(a)pyrene
Concen: 0.02 ng
RT: 17.12 min Scan# 1394
Delta R.T. -0.27 min
Lab File: BF079662.D
Acq: 3 Jun 2015 14:34

Tgt Ion:252 Resp: 239
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 9.4 14.0#

