

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
 Data File : BF079491.D
 Acq On : 26 May 2015 22:50
 Operator : TP/IZ
 Sample : G2289-10 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30D

Quant Time: May 27 01:20:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 26 19:25:27 2015
 Response via : Initial Calibration

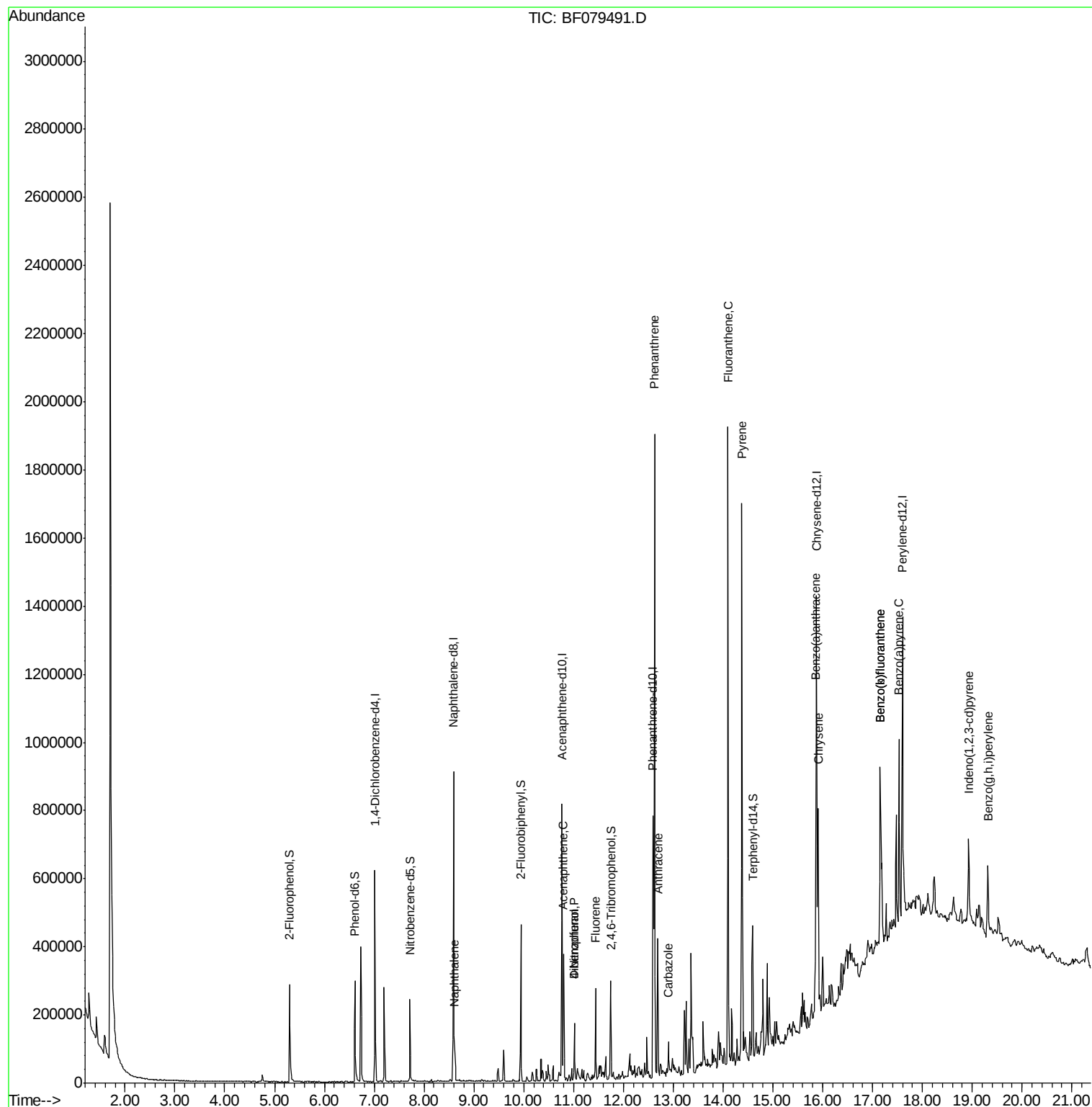
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	96238	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	397935	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	195759	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	375228	20.00	ng	0.00
75) Chrysene-d12	15.87	240	389496	20.00	ng	0.00
86) Perylene-d12	17.60	264	422848	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	94824	17.09	ng	0.00
7) Phenol-d6	6.62	99	142881	20.20	ng	0.00
23) Nitrobenzene-d5	7.71	82	80962	11.76	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	39776	18.50	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	141289	10.30	ng	0.00
78) Terphenyl-d14	14.59	244	150193	9.05	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.62	128	43207	2.26	ng	99
51) Acenaphthene	10.80	154	81284	7.09	ng	99
54) Dibenzofuran	11.02	168	61237	3.62	ng	97
55) 4-Nitrophenol	11.02	139	23749	11.43	ng	# 14
57) Fluorene	11.44	166	73623	5.28	ng	99
70) Phenanthrene	12.63	178	737774	35.84	ng	99
71) Anthracene	12.70	178	240491	11.51	ng	99
72) Carbazole	12.90	167	43610	2.17	ng	99
73) Di-n-butylphthalate	13.36	149	3732	Below Cal	#	1
74) Fluoranthene	14.10	202	800397	36.26	ng	98
77) Pyrene	14.38	202	716293	29.68	ng	98
80) Benzo(a)anthracene	15.86	228	326128	14.56	ng	96
82) Chrysene	15.91	228	246544	11.58	ng	97
85) Indeno(1,2,3-cd)pyrene	18.93	276	185336	6.77	ng	94
87) Benzo(b)fluoranthene	17.15	252	456278	18.92	ng	# 96
88) Benzo(k)fluoranthene	17.15	252	456278	21.16	ng	# 95
89) Benzo(a)pyrene	17.53	252	278460	11.75	ng	# 94
91) Benzo(g,h,i)perylene	19.31	276	174373	5.51	ng	97

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

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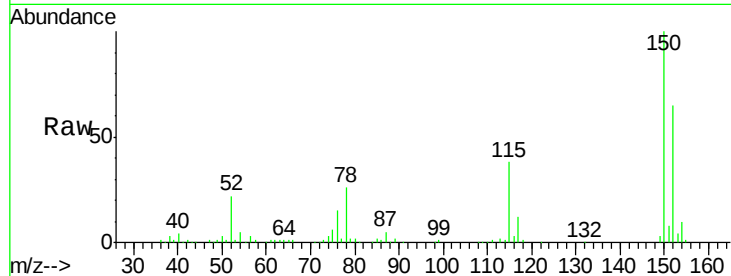




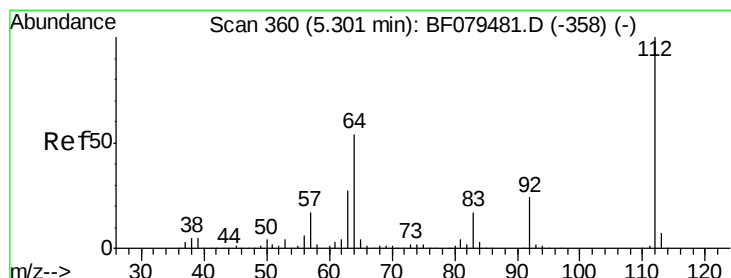
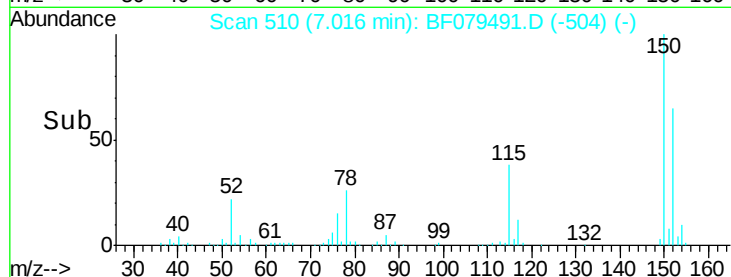
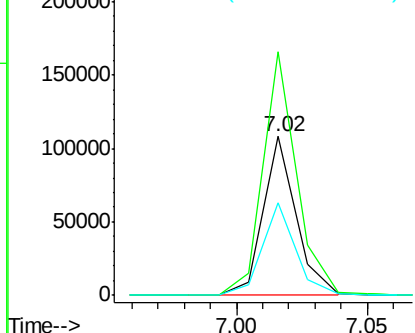
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.02 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF079491.D
 Acq: 26 May 2015 22:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-30D

Tgt Ion:152 Resp: 96238
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.0 186.0
 115 58.5 49.6 74.4

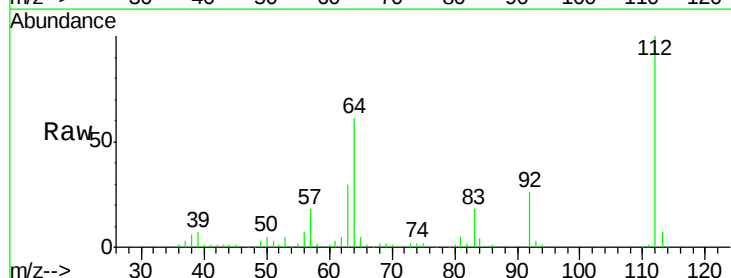


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

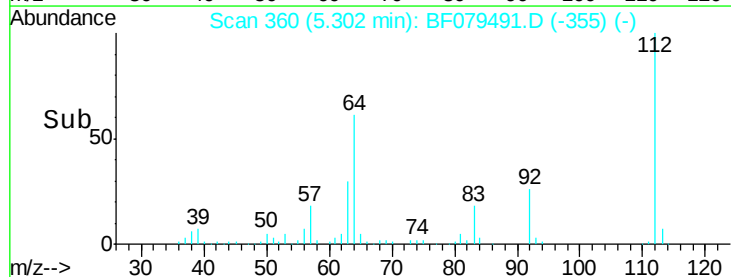
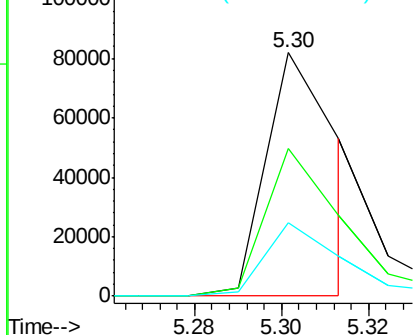


#5
 2-Fluorophenol
 Concen: 17.09 ng
 RT: 5.30 min Scan# 360
 Delta R.T. 0.00 min
 Lab File: BF079491.D
 Acq: 26 May 2015 22:50

Tgt Ion:112 Resp: 94824
 Ion Ratio Lower Upper
 112 100
 64 60.5 43.5 65.3
 63 30.4 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.20 ng

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079491.D

Acq: 26 May 2015 22:50

Instrument :

BNA_F

ClientSampleId :

SB-30D

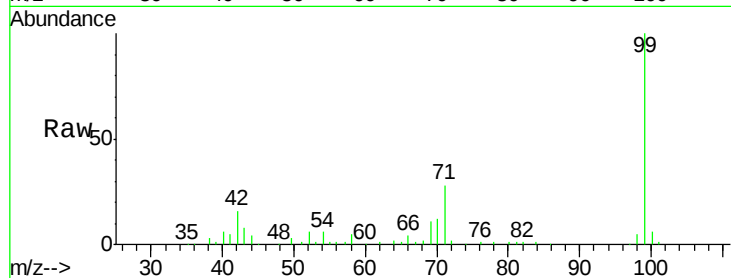
Tgt Ion: 99 Resp: 142881

Ion Ratio Lower Upper

99 100

42 16.2 11.9 17.9

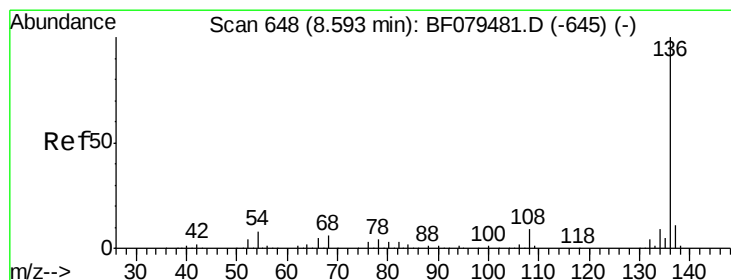
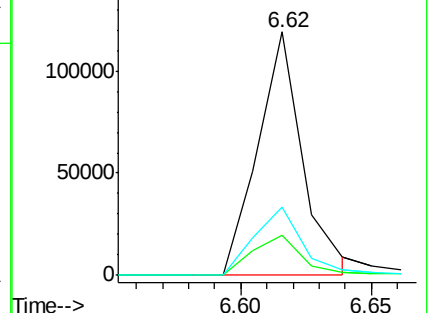
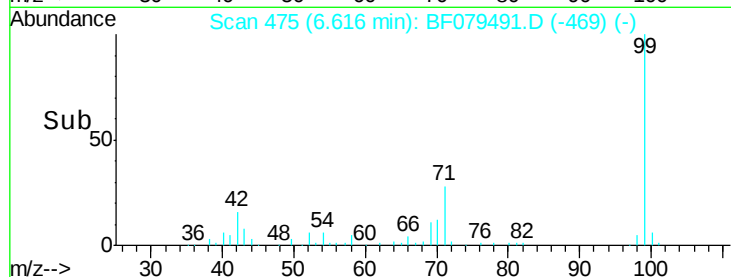
71 28.2 22.1 33.1



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF079491.D

Acq: 26 May 2015 22:50

Tgt Ion: 136 Resp: 397935

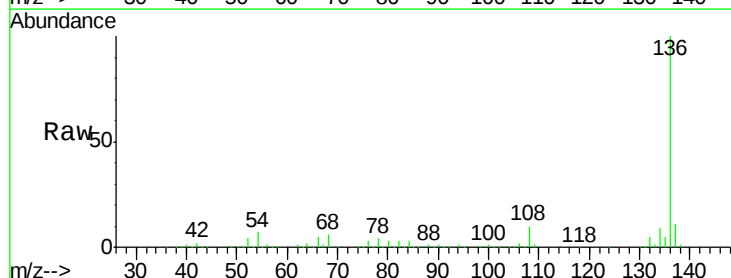
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 7.3 6.6 9.8

68 5.6 4.7 7.1

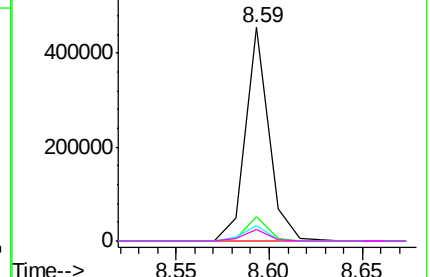
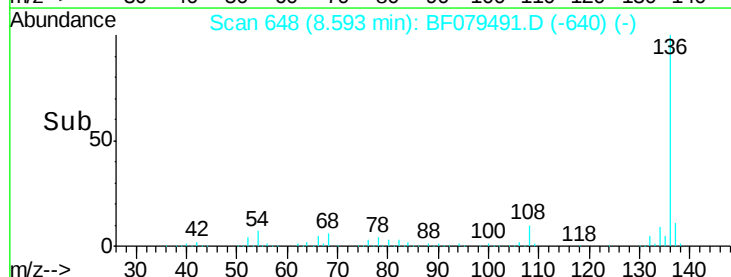


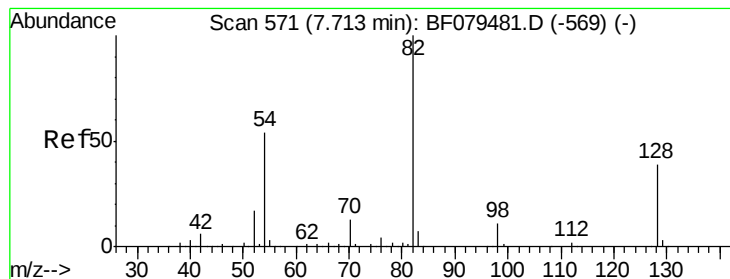
Abundance Ion 136.00 (135.70 to 136.70): E

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: 11.76 ng

RT: 7.71 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF079491.D

Acq: 26 May 2015 22:50

Instrument :

BNA_F

ClientSampleId :

SB-30D

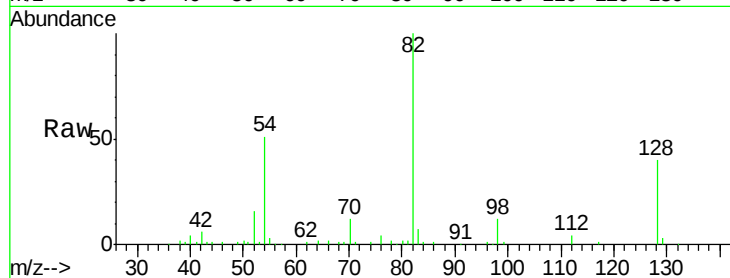
Tgt Ion: 82 Resp: 80962

Ion Ratio Lower Upper

82 100

128 40.0 30.8 46.2

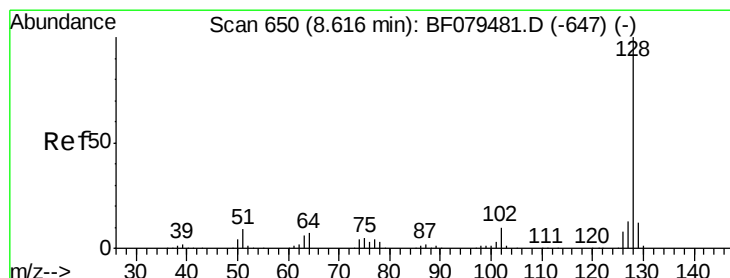
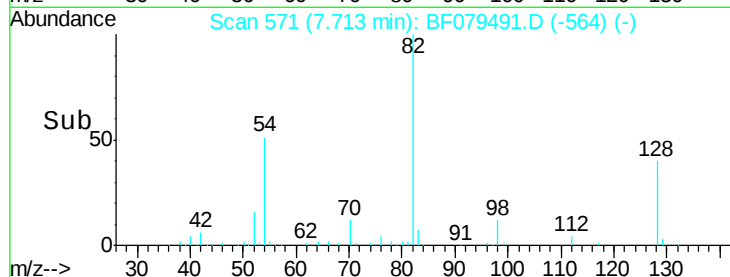
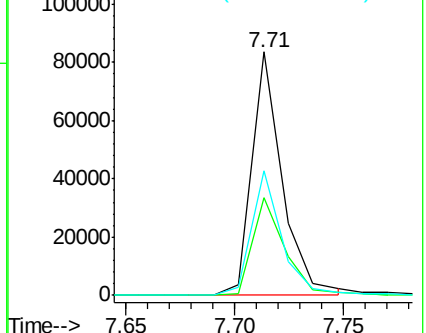
54 51.2 42.8 64.2



Abundance Ion 82.00 (81.70 to 82.70): BF079491.D (-564) (-)

Ion 128.00 (127.70 to 128.70): BF079491.D (-564) (-)

Ion 54.00 (53.70 to 54.70): BF079491.D (-564) (-)



#31

Naphthalene

Concen: 2.26 ng

RT: 8.62 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF079491.D

Acq: 26 May 2015 22:50

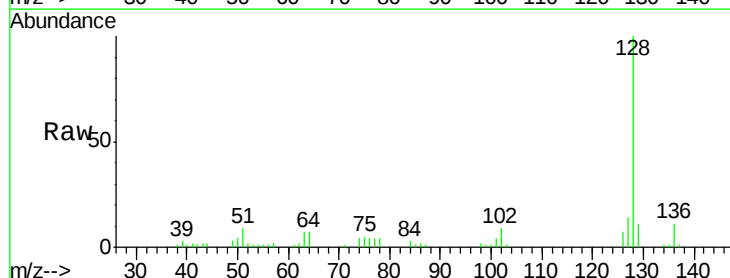
Tgt Ion: 128 Resp: 43207

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

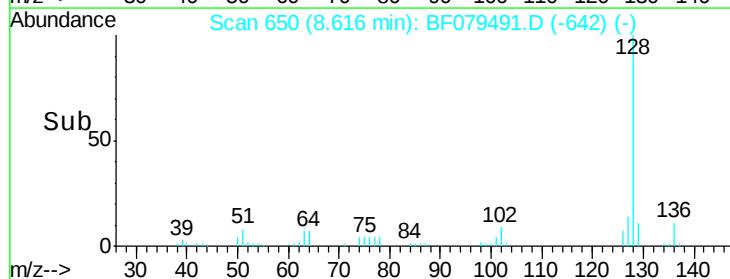
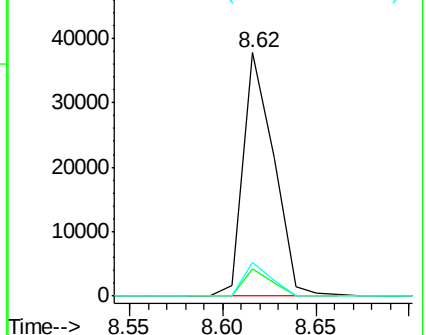
127 14.1 10.6 15.8

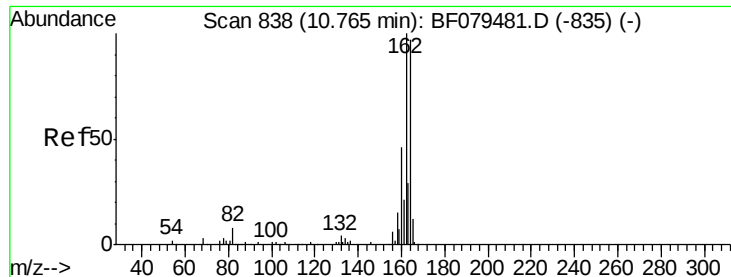


Abundance Ion 128.00 (127.70 to 128.70): BF079491.D (-642) (-)

Ion 129.00 (128.70 to 129.70): BF079491.D (-642) (-)

Ion 127.00 (126.70 to 127.70): BF079491.D (-642) (-)

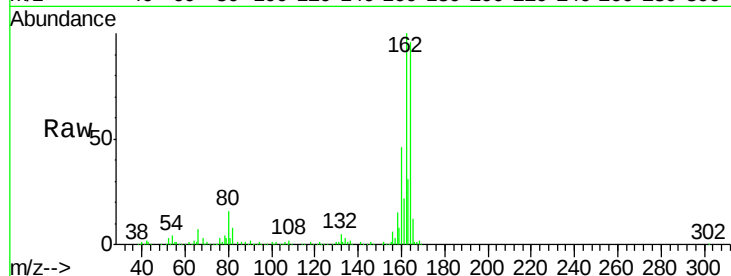




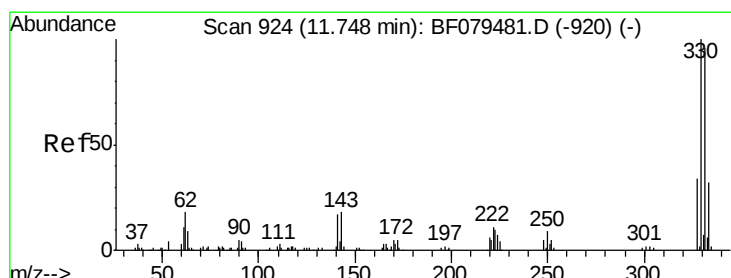
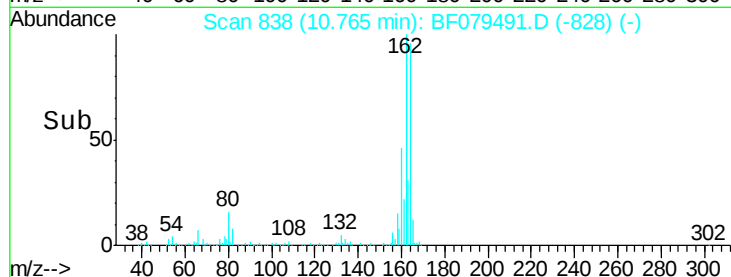
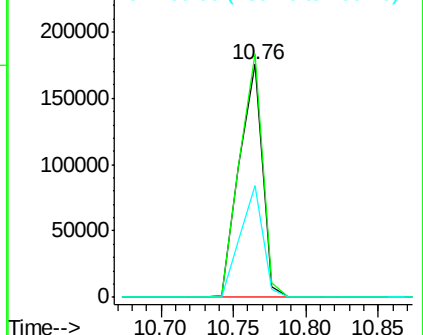
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.76 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Instrument :
BNA_F
ClientSampleId :
SB-30D

Tgt Ion:164 Resp: 195759
Ion Ratio Lower Upper
164 100
162 104.4 82.6 124.0
160 47.8 37.7 56.5

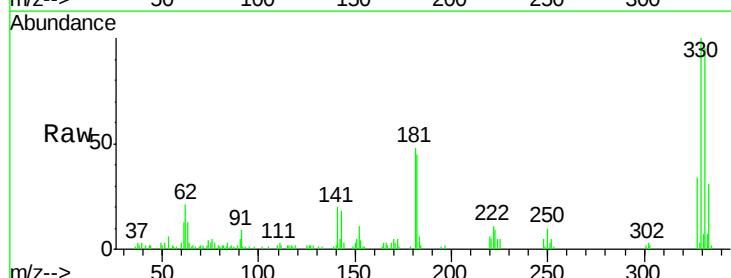


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

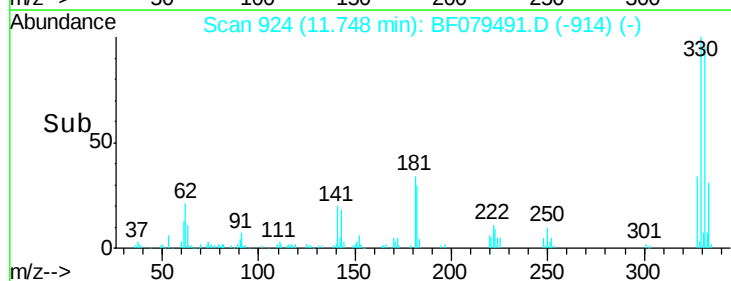
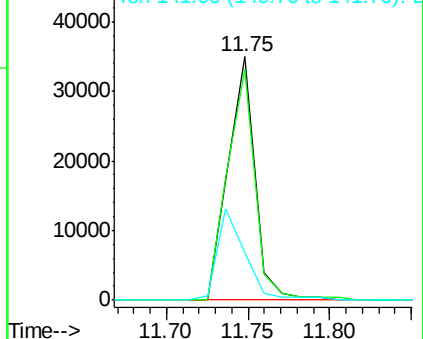


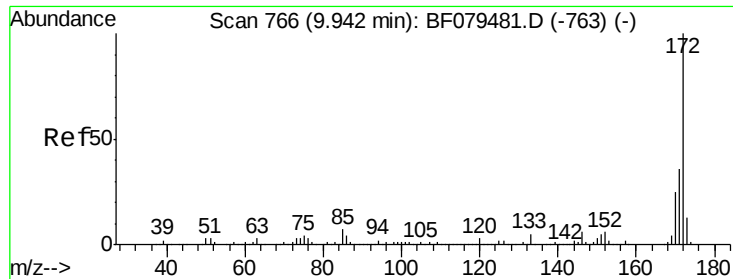
#41
2,4,6-Tribromophenol
Concen: 18.50 ng
RT: 11.75 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Tgt Ion:330 Resp: 39776
Ion Ratio Lower Upper
330 100
332 97.5 0.0 0.0#
141 39.0 0.0 0.0#



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

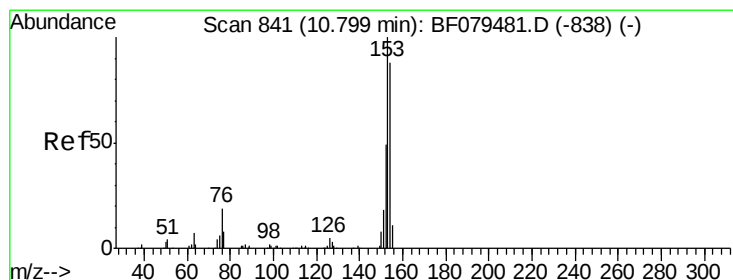
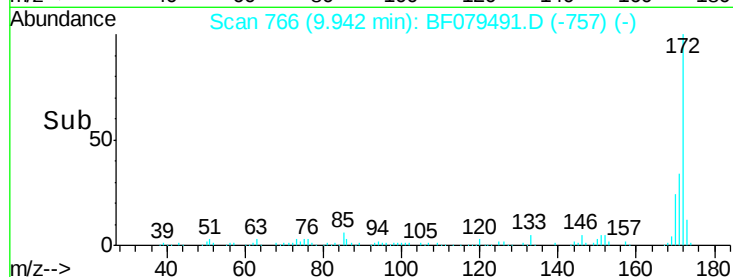
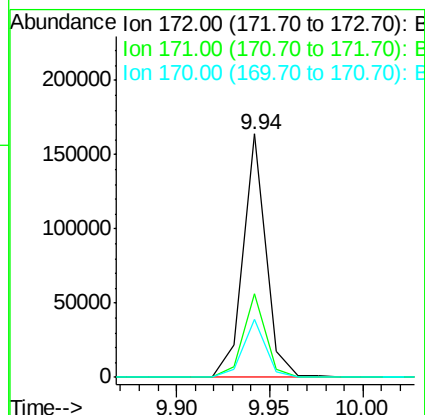
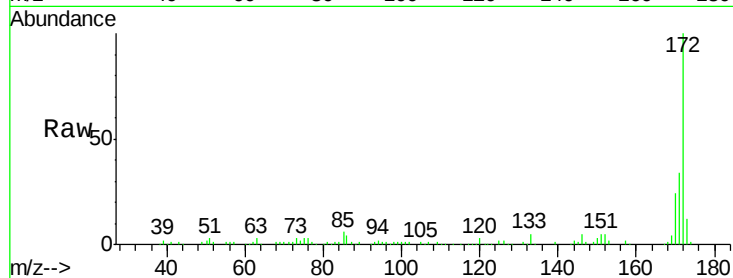




#44
 2-Fluorobiphenyl
 Concen: 10.30 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079491.D
 Acq: 26 May 2015 22:50

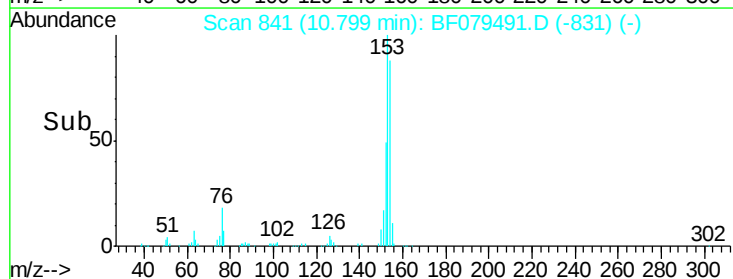
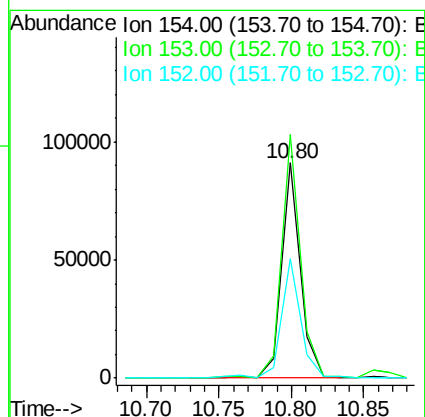
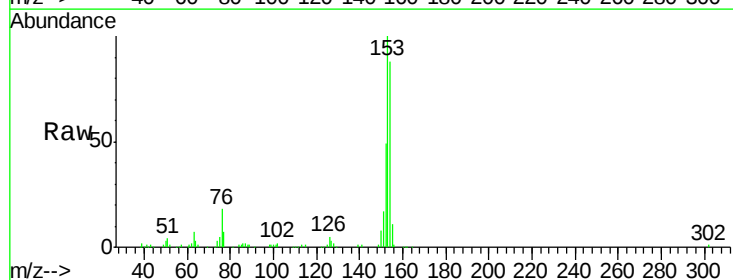
Instrument :
 BNA_F
 ClientSampleId :
 SB-30D

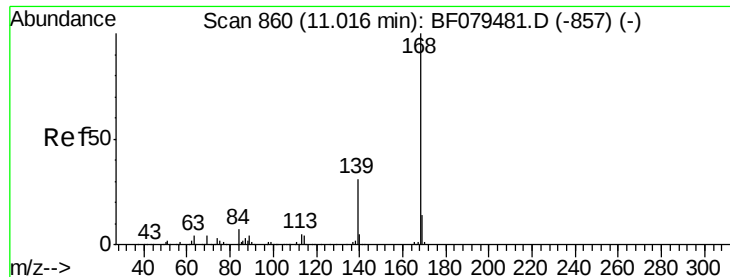
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.5	42.7
170	23.7	19.7	29.5



#51
 Acenaphthene
 Concen: 7.09 ng
 RT: 10.80 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF079491.D
 Acq: 26 May 2015 22:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.1	136.7
152	55.2	44.6	66.8





#54

Dibenzenofuran

Concen: 3.62 ng

RT: 11.02 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF079491.D

Acq: 26 May 2015 22:50

Instrument :

BNA_F

ClientSampleId :

SB-30D

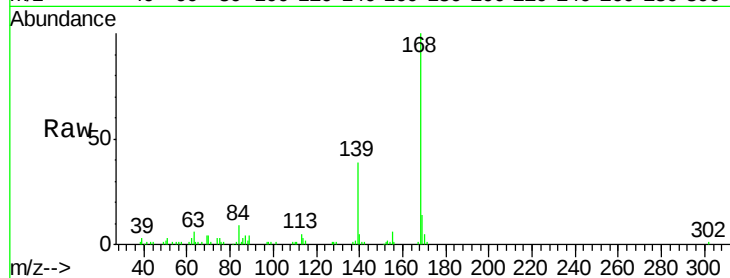
Tgt Ion:168 Resp: 61237

Ion Ratio Lower Upper

168 100

139 39.1 32.9 49.3

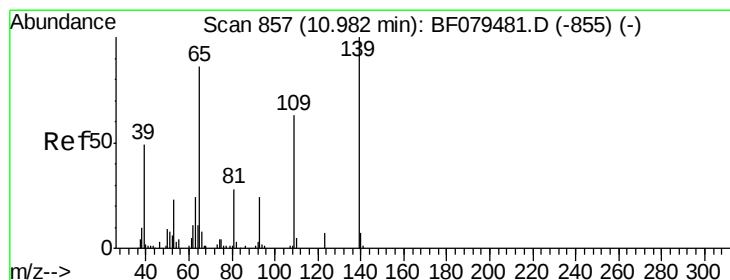
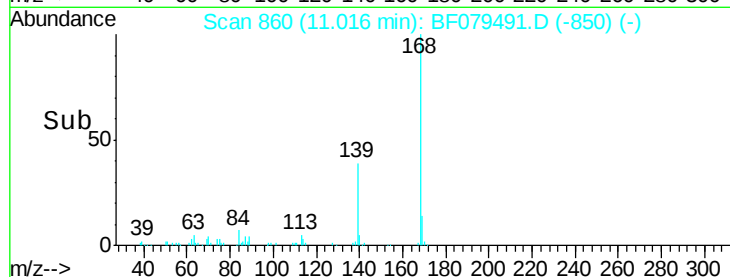
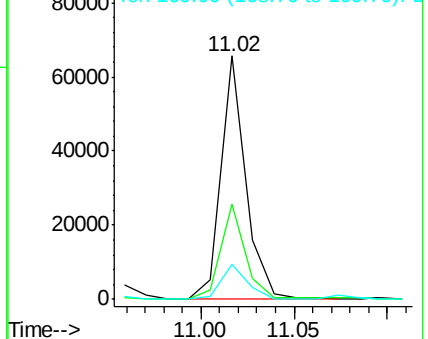
169 14.1 11.1 16.7



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: 11.43 ng

RT: 11.02 min Scan# 860

Delta R.T. 0.03 min

Lab File: BF079491.D

Acq: 26 May 2015 22:50

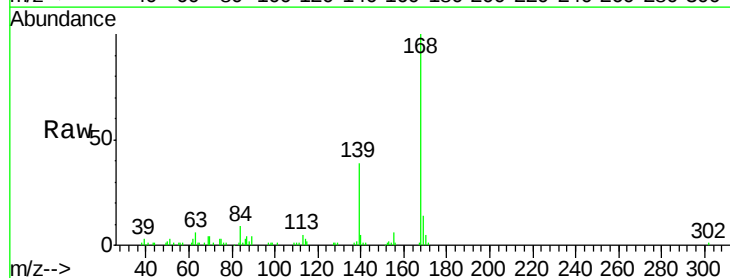
Tgt Ion:139 Resp: 23749

Ion Ratio Lower Upper

139 100

109 1.6 42.8 82.8#

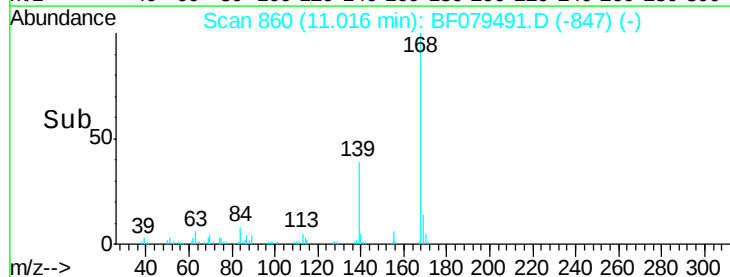
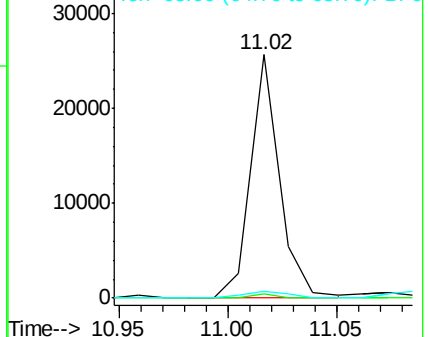
65 2.6 66.3 106.3#

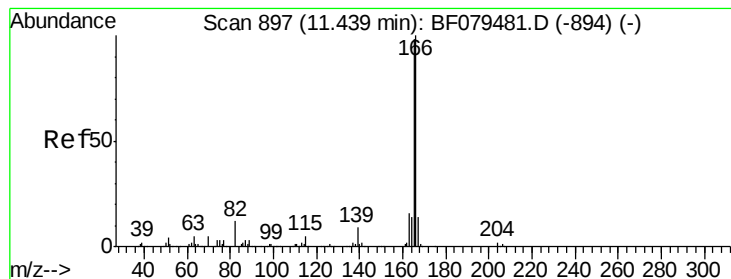


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 5.28 ng

RT: 11.44 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF079491.D

Acq: 26 May 2015 22:50

Instrument :

BNA_F

ClientSampled :

SB-30D

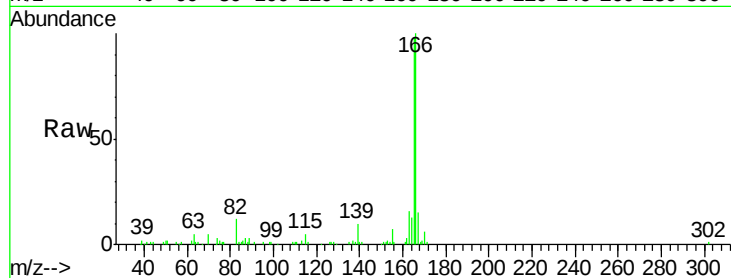
Tgt Ion:166 Resp: 73623

Ion Ratio Lower Upper

166 100

165 97.8 78.6 117.8

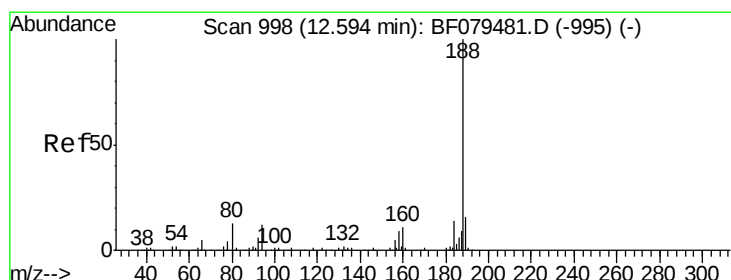
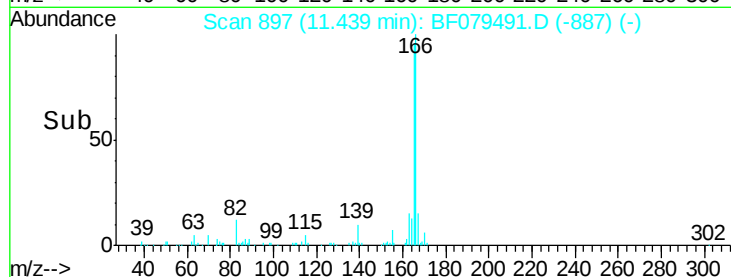
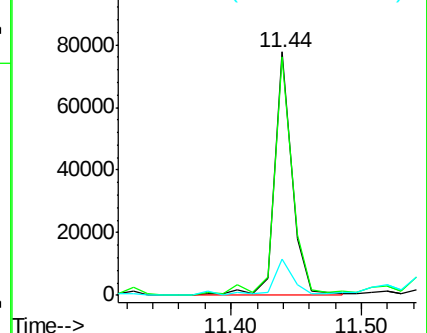
167 14.9 10.8 16.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.59 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF079491.D

Acq: 26 May 2015 22:50

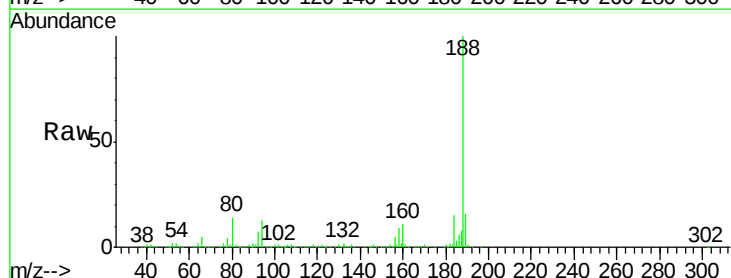
Tgt Ion:188 Resp: 375228

Ion Ratio Lower Upper

188 100

94 13.0 9.8 14.6

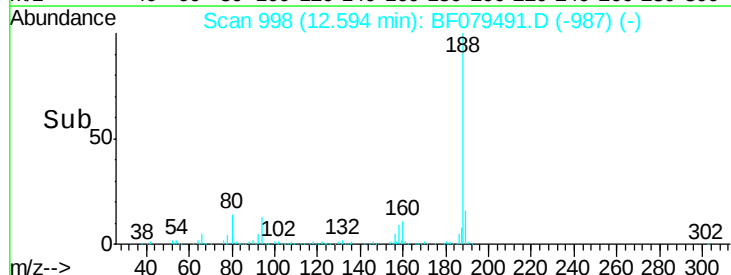
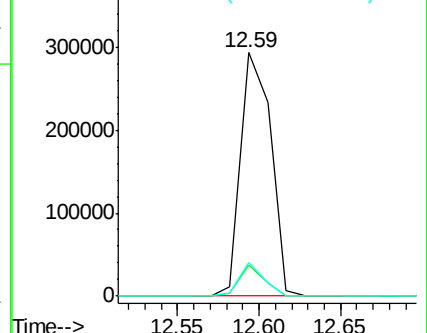
80 13.7 10.5 15.7

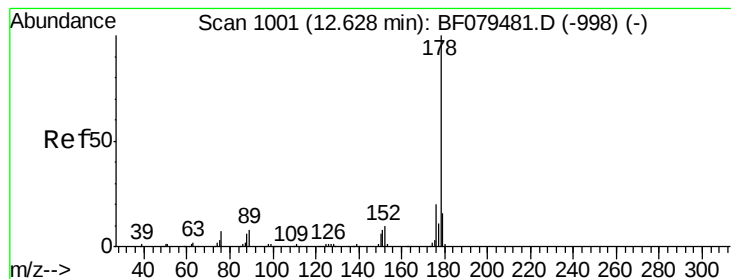


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 35.84 ng

RT: 12.63 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF079491.D

Acq: 26 May 2015 22:50

Instrument :

BNA_F

ClientSampleId :

SB-30D

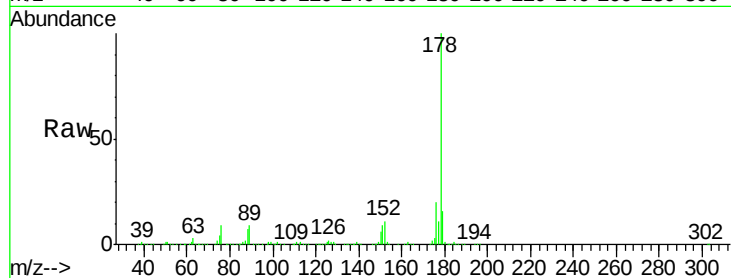
Tgt Ion:178 Resp: 737774

Ion Ratio Lower Upper

178 100

176 20.4 15.7 23.5

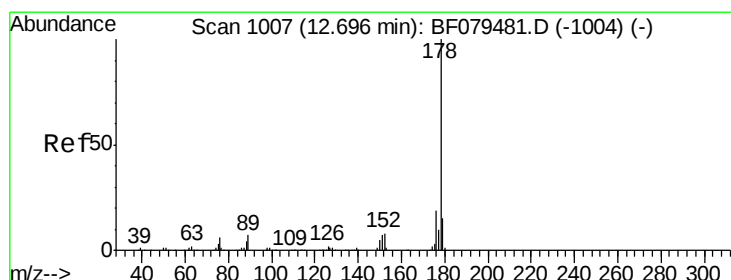
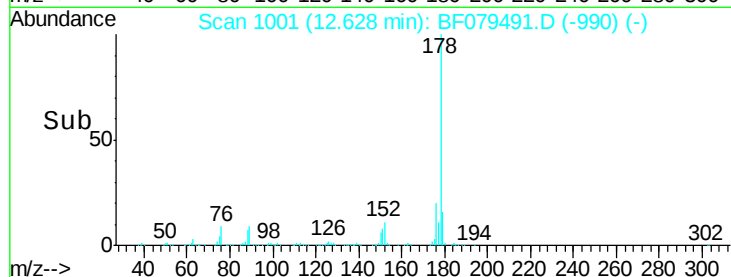
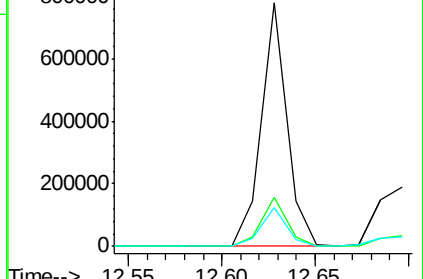
179 15.9 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 11.51 ng

RT: 12.70 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF079491.D

Acq: 26 May 2015 22:50

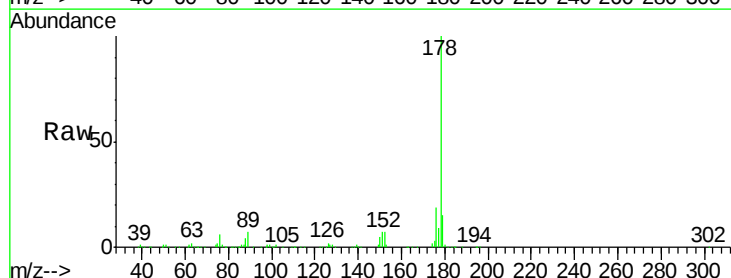
Tgt Ion:178 Resp: 240491

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 15.5 12.2 18.4



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

