

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
 Data File : BF079127.D
 Acq On : 11 May 2015 20:39
 Operator : TP/IZ
 Sample : G2146-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: May 12 01:58:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 01:34:40 2015
 Response via : Initial Calibration

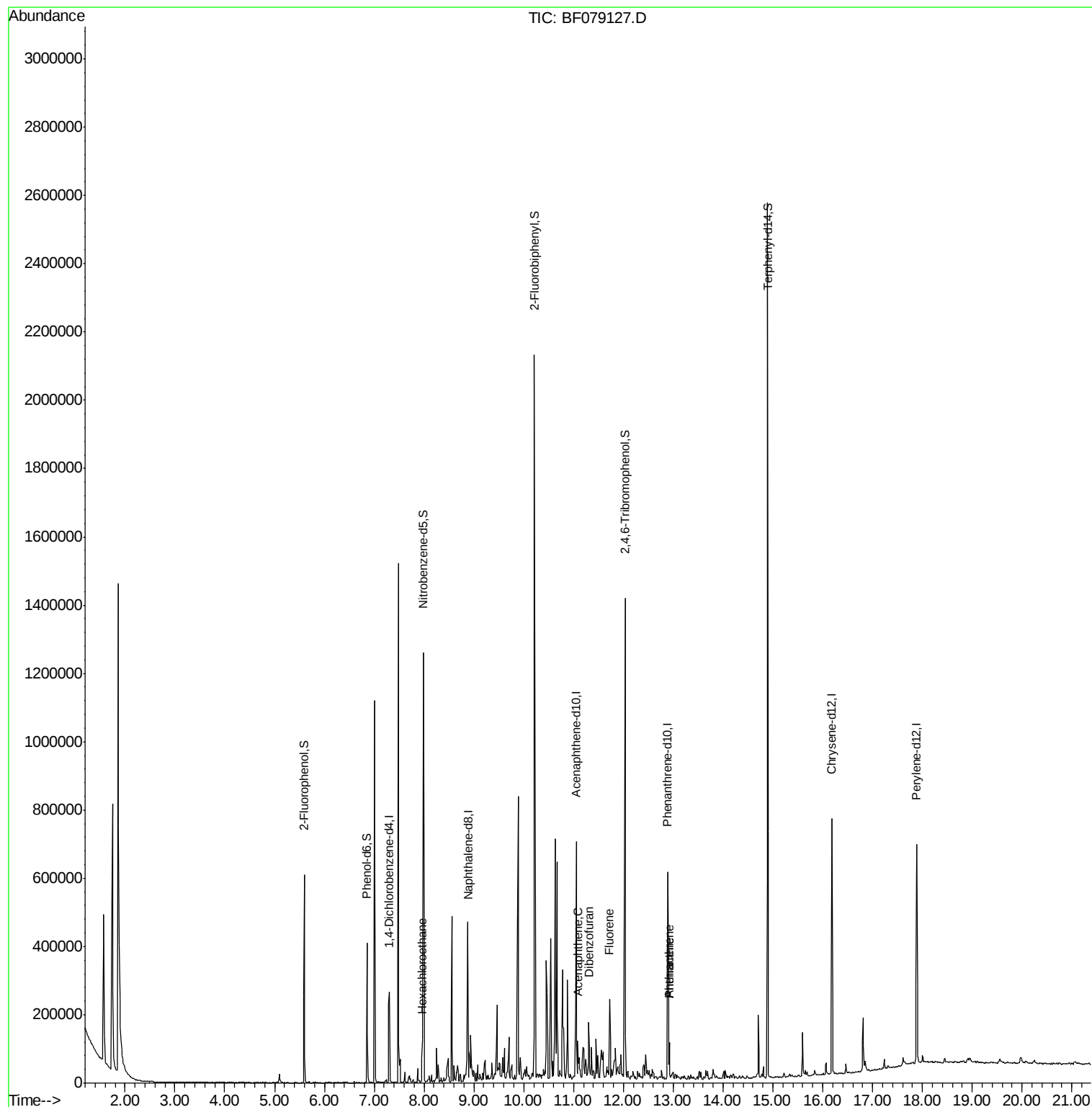
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	58922	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	251367	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	134776	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	256596	20.00	ng	-0.01
75) Chrysene-d12	16.18	240	274737	20.00	ng	-0.05
86) Perylene-d12	17.89	264	287942	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	194076	56.70	ng	0.01
7) Phenol-d6	6.86	99	149245	32.99	ng	0.00
23) Nitrobenzene-d5	7.99	82	370638	84.74	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	197019	135.13	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	764700	79.05	ng	-0.01
78) Terphenyl-d14	14.89	244	919984	80.17	ng	-0.01
Target Compounds						
18) Hexachloroethane	7.95	117	12181	7.87	ng	# 42
51) Acenaphthene	11.08	154	20942	2.56	ng	98
54) Dibenzofuran	11.30	168	31021	2.62	ng	# 91
57) Fluorene	11.72	166	46400	4.78	ng	# 95
70) Phenanthrene	12.93	178	44835	3.12	ng	98
71) Anthracene	12.93	178	43418	3.08	ng	99

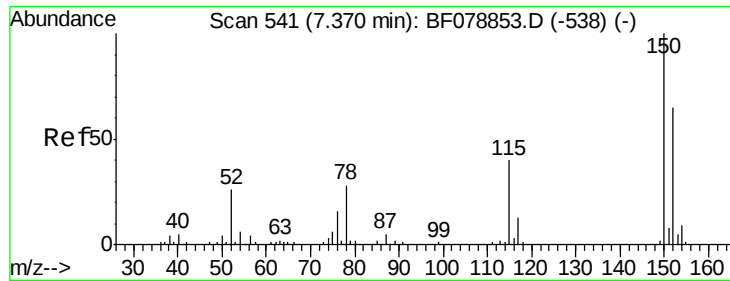
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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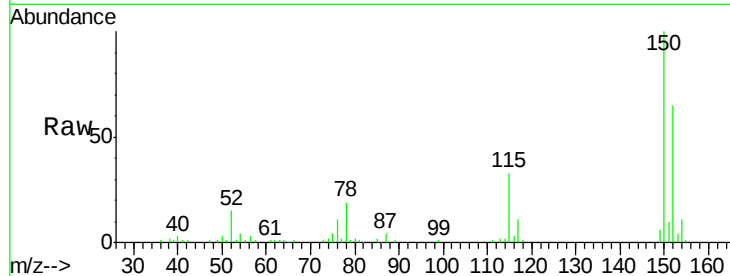




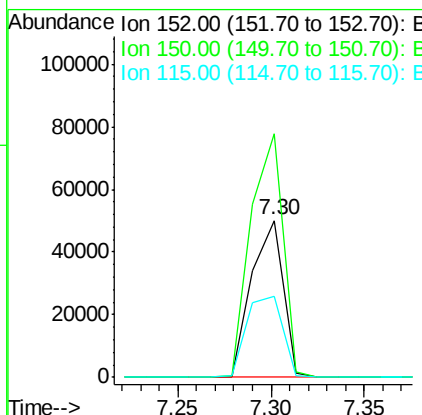
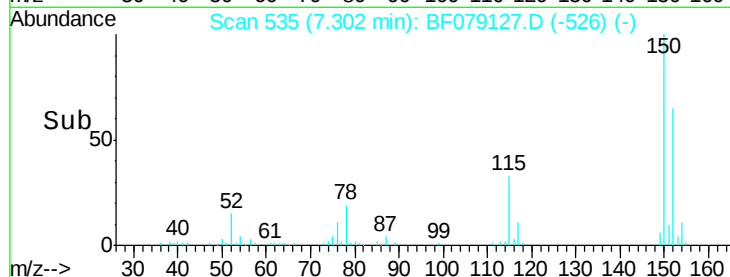
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.30 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF079127.D
 Acq: 11 May 2015 20:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tgt Ion:152 Resp: 58922
 Ion Ratio Lower Upper
 152 100
 150 154.9 122.0 183.0
 115 51.4 46.3 69.5

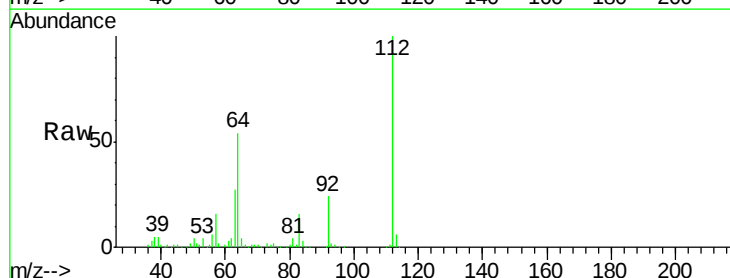


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

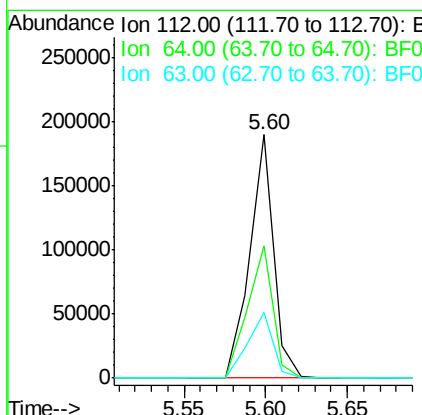
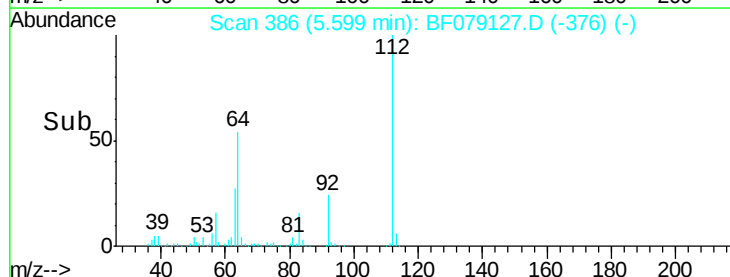


#5
 2-Fluorophenol
 Concen: 56.70 ng
 RT: 5.60 min Scan# 386
 Delta R.T. 0.01 min
 Lab File: BF079127.D
 Acq: 11 May 2015 20:39

Tgt Ion:112 Resp: 194076
 Ion Ratio Lower Upper
 112 100
 64 54.2 53.5 80.3
 63 27.2 27.5 41.3#



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: 32.99 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF079127.D

Acq: 11 May 2015 20:39

Instrument :

BNA_F

ClientSampleId :

MW-11

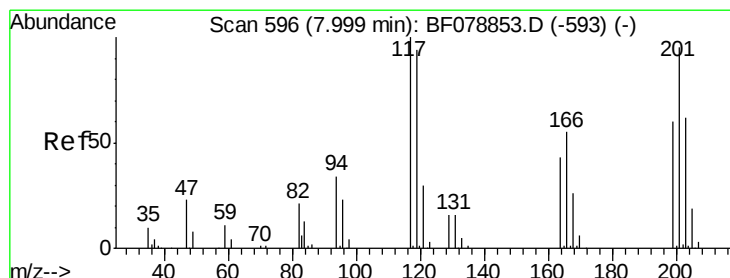
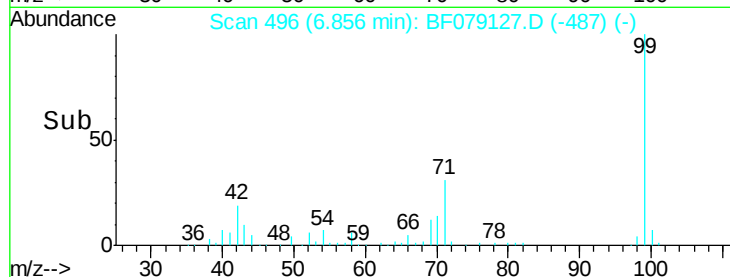
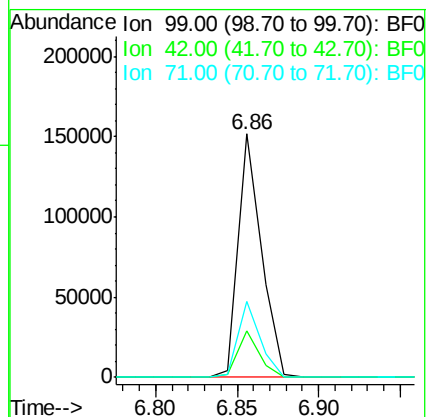
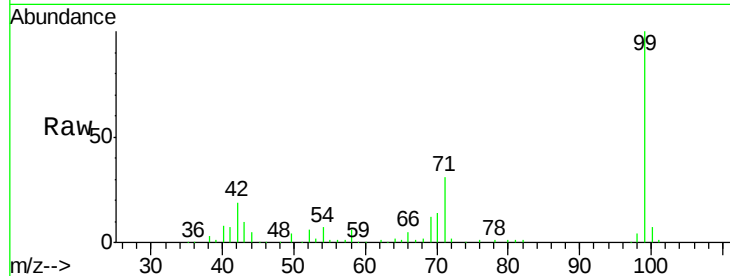
Tgt Ion: 99 Resp: 149245

Ion Ratio Lower Upper

99 100

42 19.1 12.8 19.2

71 31.3 23.4 35.2



#18

Hexachloroethane

Concen: 7.87 ng

RT: 7.95 min Scan# 592

Delta R.T. 0.03 min

Lab File: BF079127.D

Acq: 11 May 2015 20:39

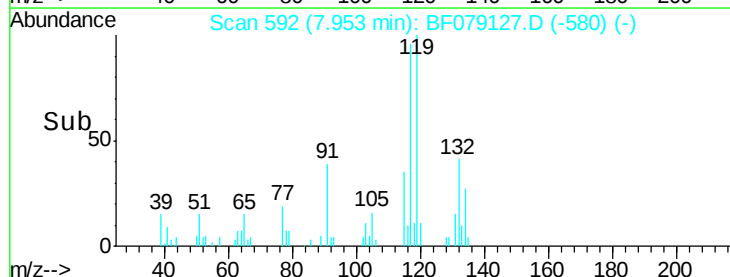
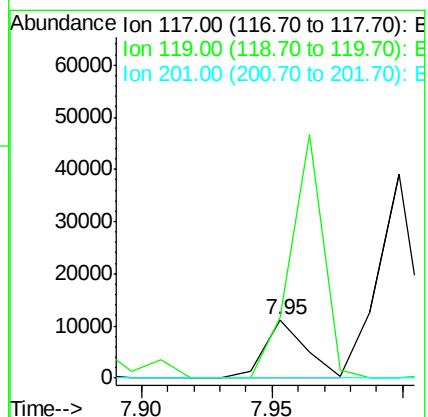
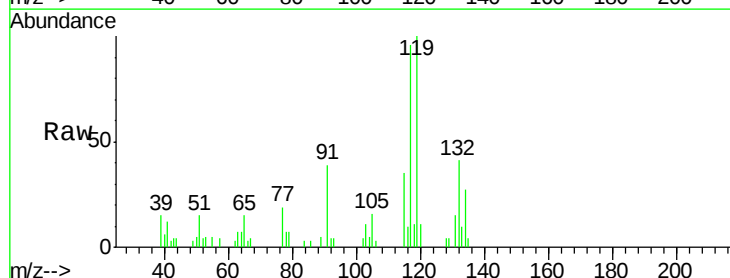
Tgt Ion: 117 Resp: 12181

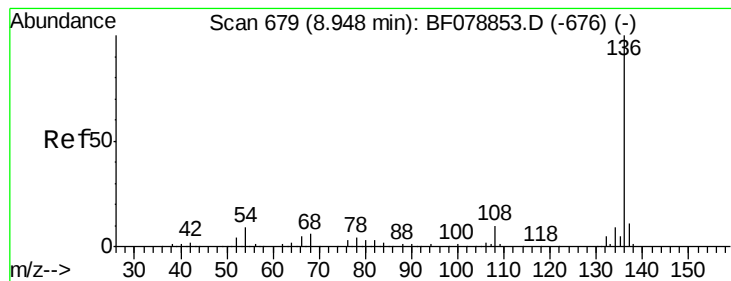
Ion Ratio Lower Upper

117 100

119 104.3 75.4 113.0

201 0.0 83.2 124.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.88 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF079127.D

Acq: 11 May 2015 20:39

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:136 Resp: 251367

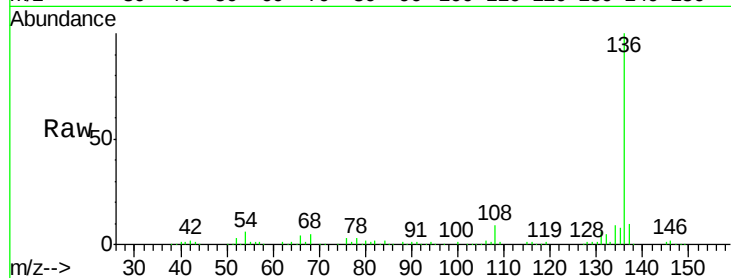
Ion Ratio Lower Upper

136 100

137 10.0 8.7 13.1

54 6.0 5.8 8.8

68 4.6 4.2 6.4

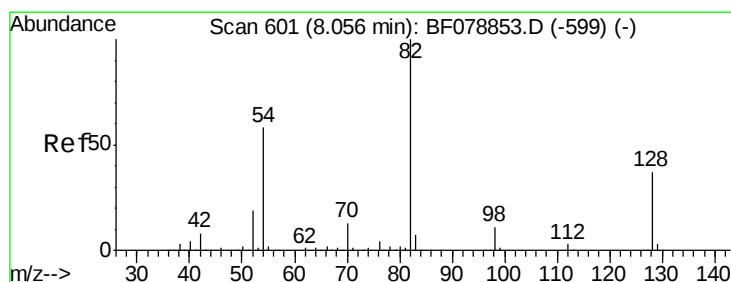
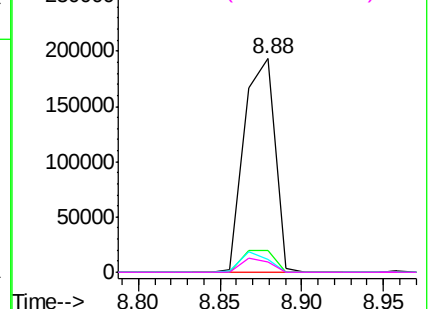
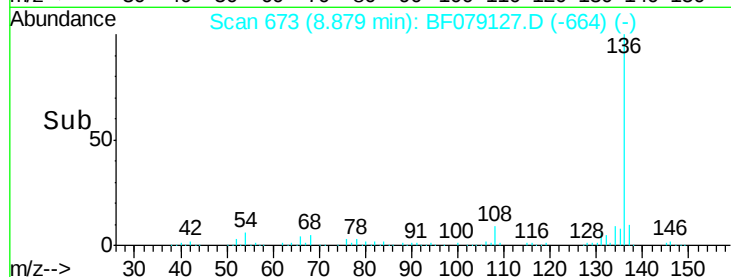


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.74 ng

RT: 7.99 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF079127.D

Acq: 11 May 2015 20:39

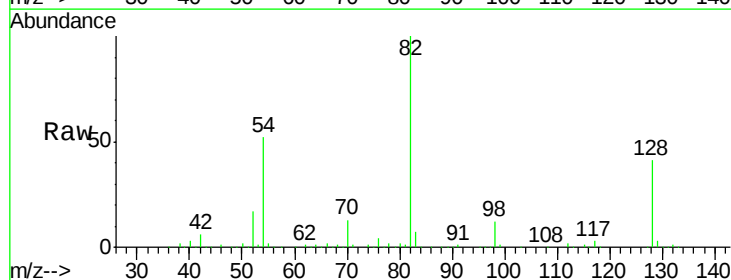
Tgt Ion: 82 Resp: 370638

Ion Ratio Lower Upper

82 100

128 40.8 30.0 45.0

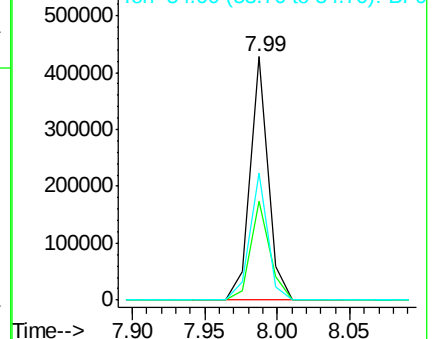
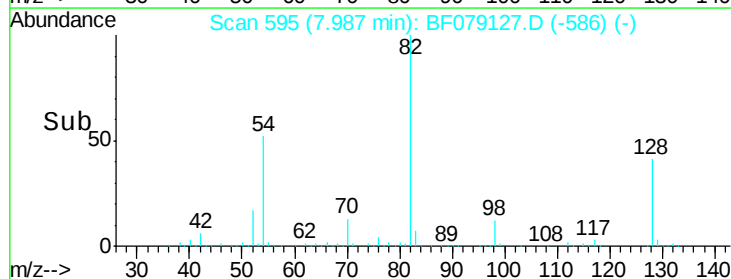
54 52.3 46.4 69.6

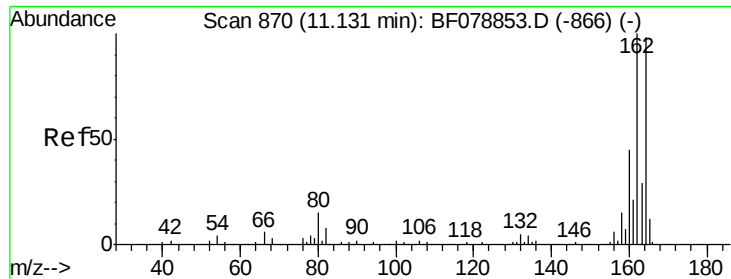


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

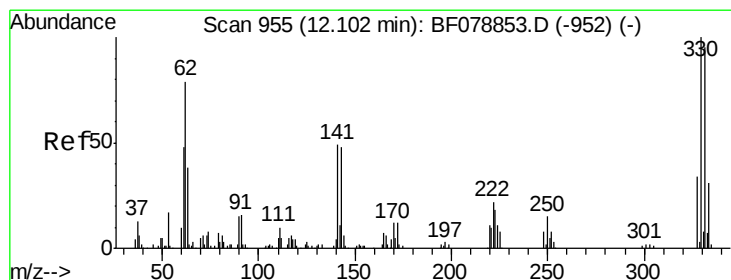
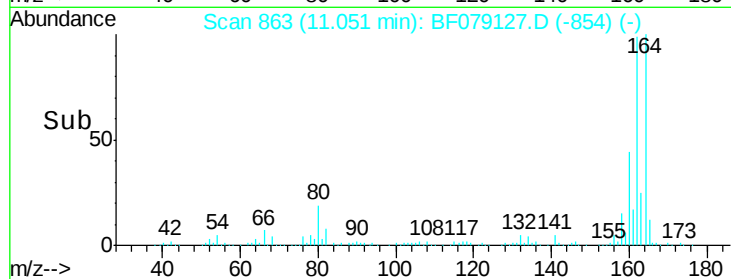
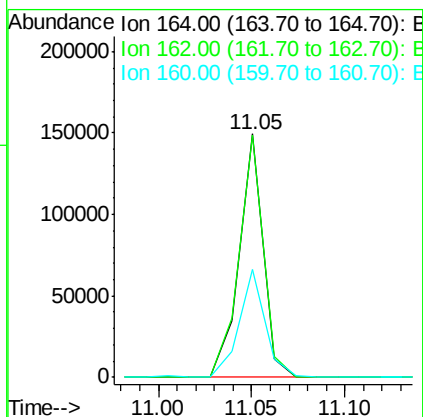
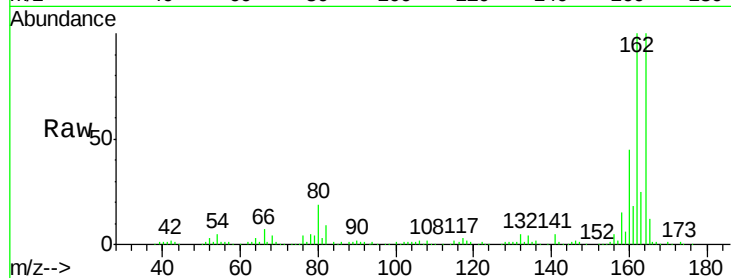




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF079127.D
 Acq: 11 May 2015 20:39

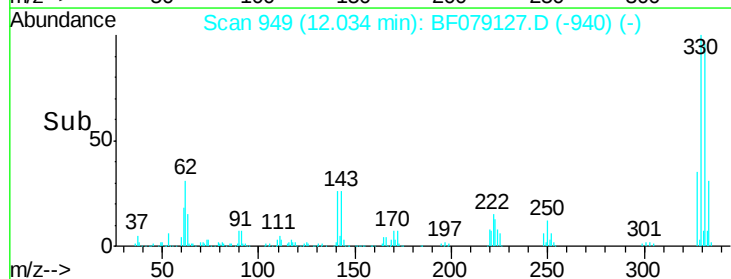
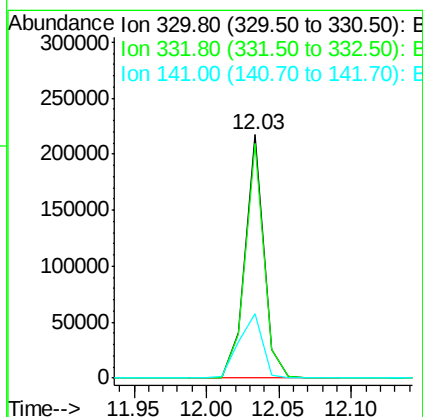
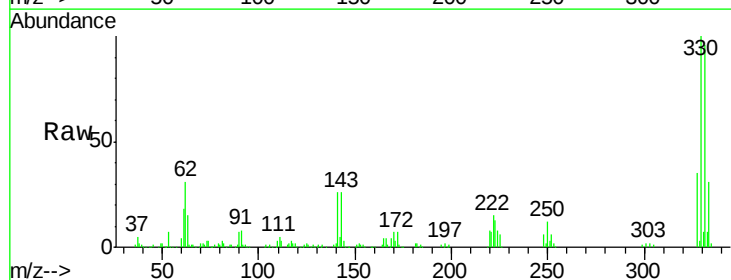
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 MW-11

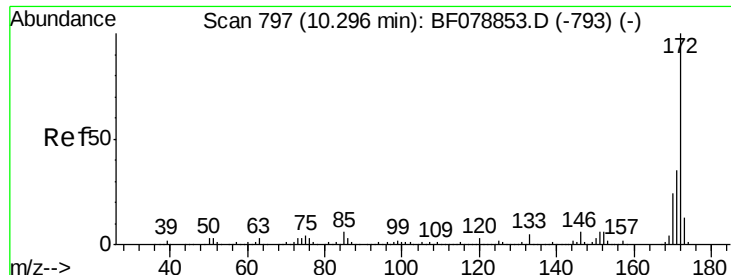
Tgt Ion:164 Resp: 134776
 Ion Ratio Lower Upper
 164 100
 162 99.6 82.7 124.1
 160 44.6 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 135.13 ng
 RT: 12.03 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF079127.D
 Acq: 11 May 2015 20:39

Tgt Ion:330 Resp: 197019
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 33.7 0.0 0.0#

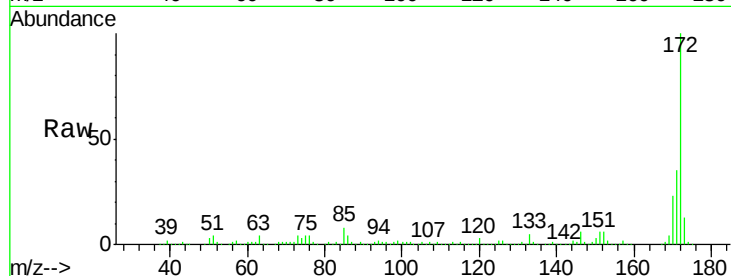




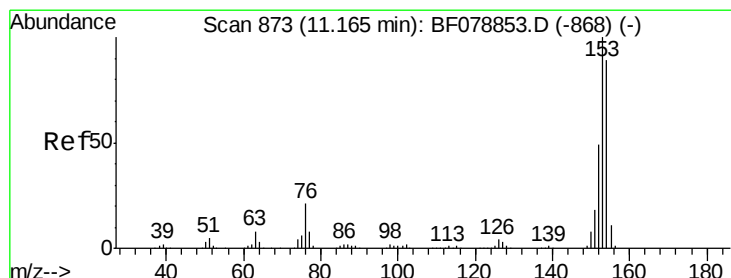
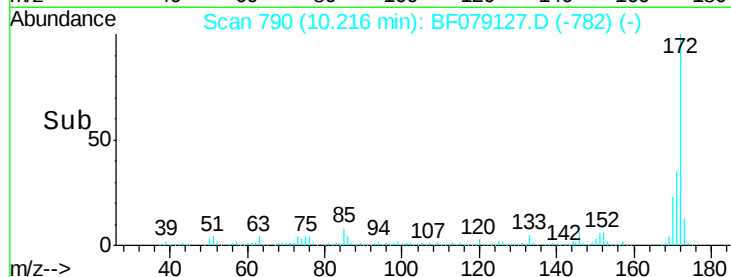
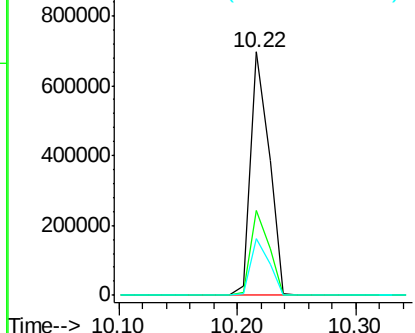
#44
 2-Fluorobiphenyl
 Concen: 79.05 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF079127.D
 Acq: 11 May 2015 20:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tgt Ion:172 Resp: 764700
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.9 41.9
 170 23.5 19.4 29.0

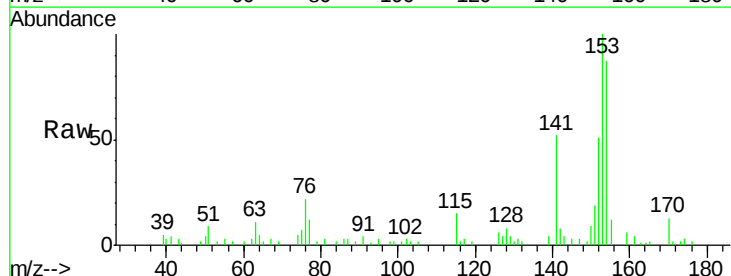


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

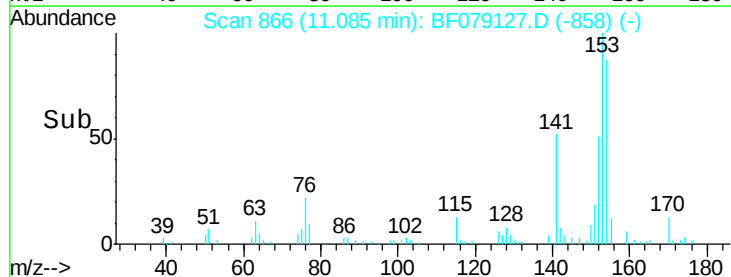
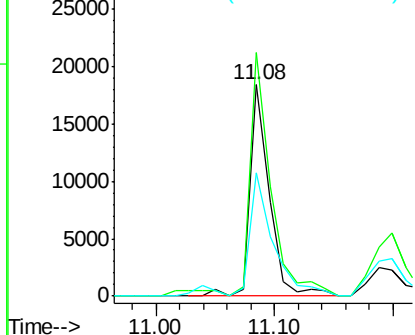


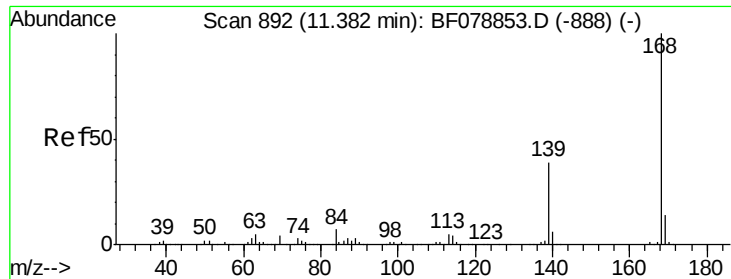
#51
 Acenaphthene
 Concen: 2.56 ng
 RT: 11.08 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BF079127.D
 Acq: 11 May 2015 20:39

Tgt Ion:154 Resp: 20942
 Ion Ratio Lower Upper
 154 100
 153 115.1 91.5 137.3
 152 58.2 44.2 66.4



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

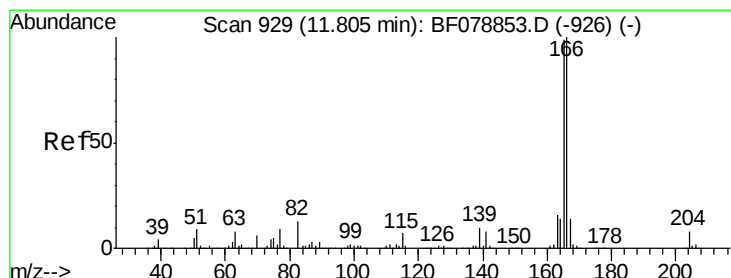
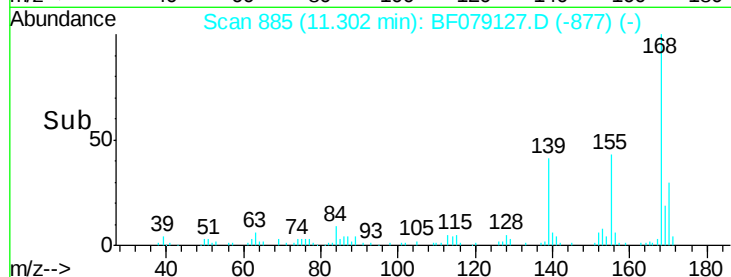
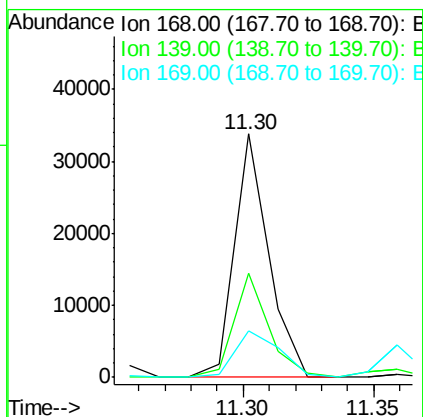
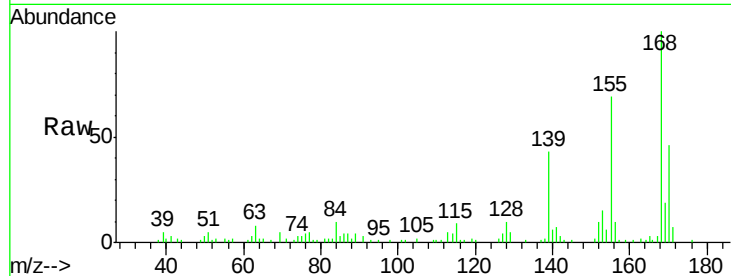




#54
Dibenzenofuran
Concen: 2.62 ng
RT: 11.30 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF079127.D
Acq: 11 May 2015 20:39

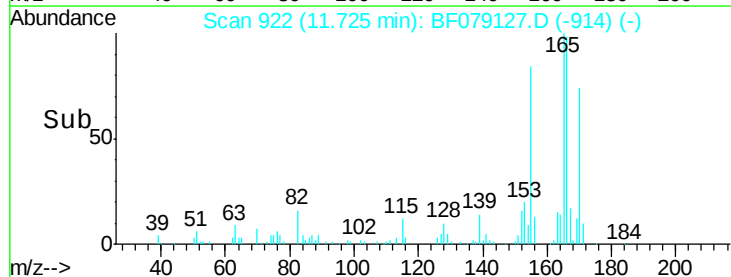
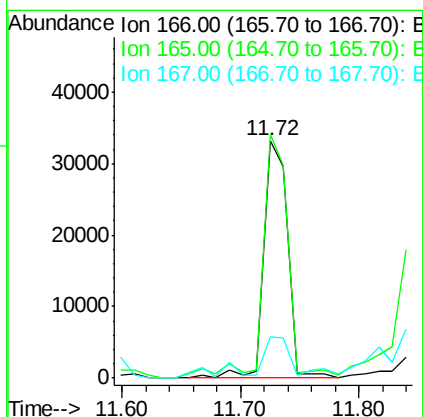
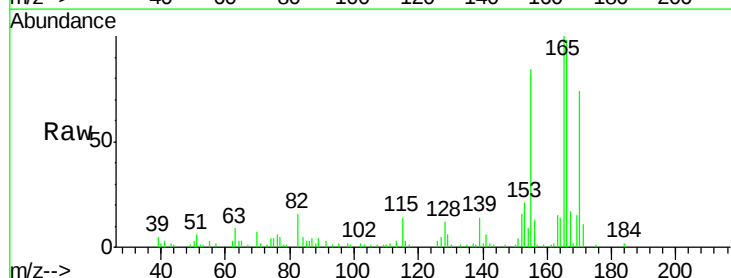
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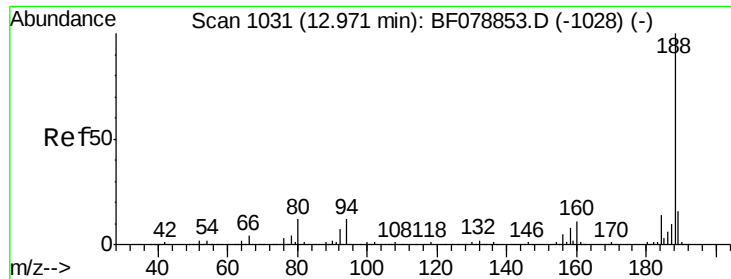
Tgt Ion:168 Resp: 31021
Ion Ratio Lower Upper
168 100
139 42.6 31.0 46.4
169 19.4 10.6 16.0#



#57
Fluorene
Concen: 4.78 ng
RT: 11.72 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF079127.D
Acq: 11 May 2015 20:39

Tgt Ion:166 Resp: 46400
Ion Ratio Lower Upper
166 100
165 102.4 78.5 117.7
167 17.5 11.0 16.6#

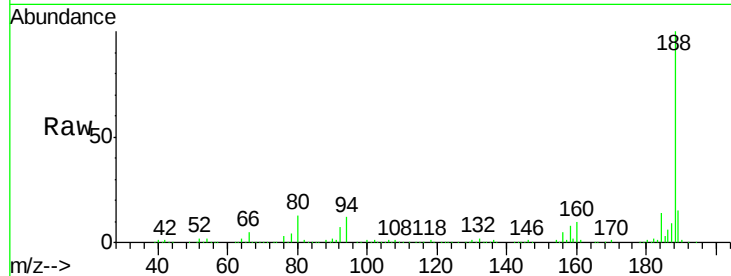




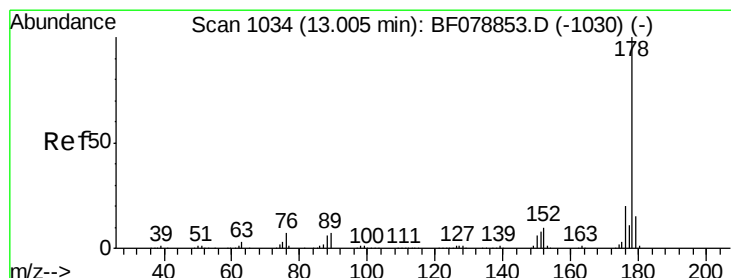
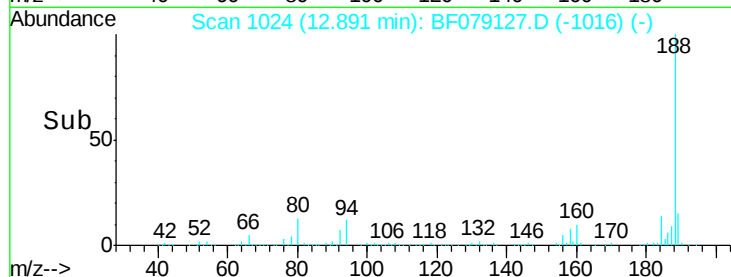
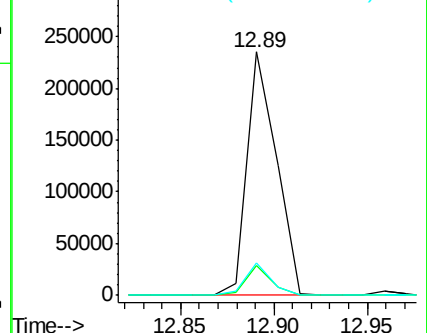
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.89 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF079127.D
Acq: 11 May 2015 20:39

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:188 Resp: 256596
Ion Ratio Lower Upper
188 100
94 12.5 8.2 12.2#
80 13.1 8.9 13.3

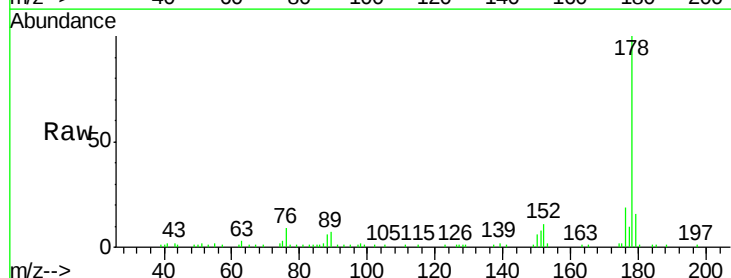


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

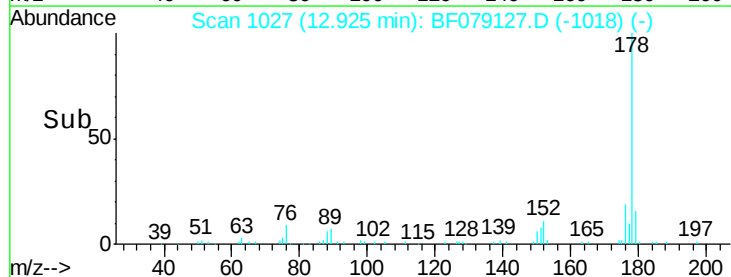
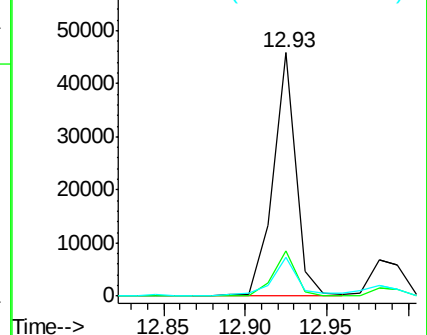


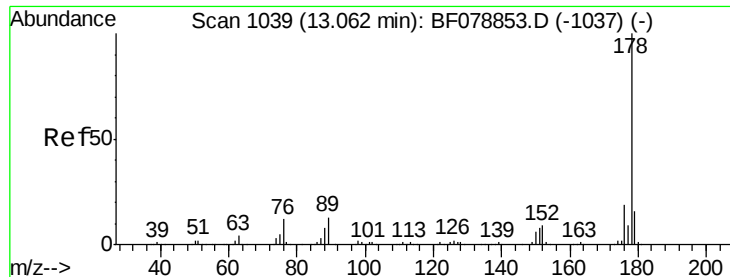
#70
Phenanthrene
Concen: 3.12 ng
RT: 12.93 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF079127.D
Acq: 11 May 2015 20:39

Tgt Ion:178 Resp: 44835
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.8
179 15.9 12.5 18.7



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





#71

Anthracene

Concen: 3.08 ng

RT: 12.93 min Scan# 1027

Delta R.T. -0.07 min

Lab File: BF079127.D

Acq: 11 May 2015 20:39

Instrument :

BNA_F

ClientSampleId :

MW-11

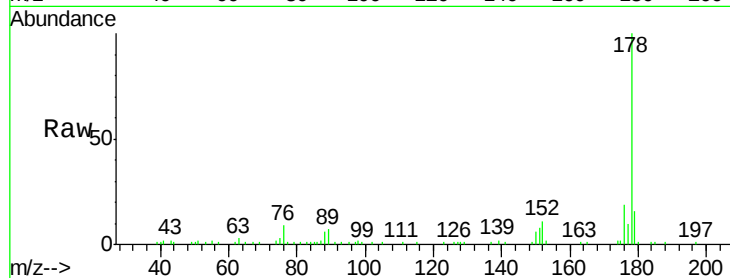
Tgt Ion:178 Resp: 43418

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

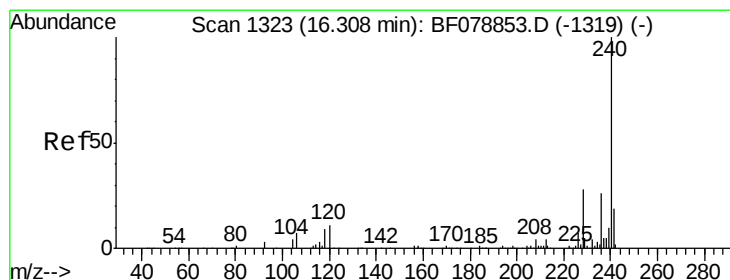
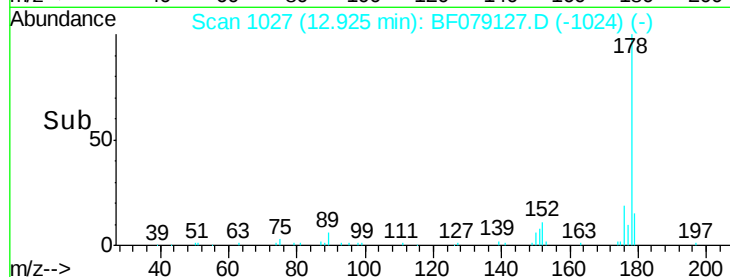
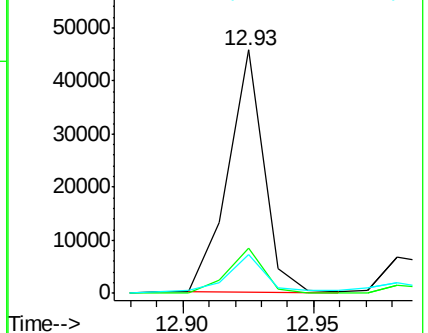
179 15.9 12.7 19.1



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.18 min Scan# 1312

Delta R.T. -0.05 min

Lab File: BF079127.D

Acq: 11 May 2015 20:39

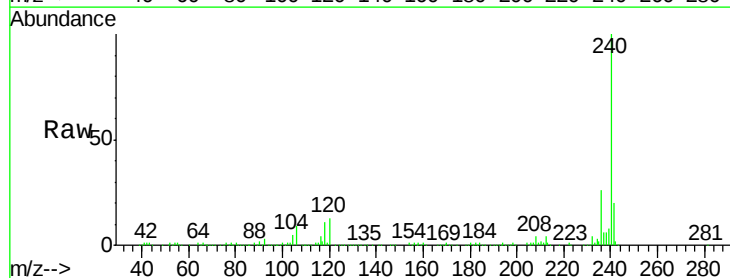
Tgt Ion:240 Resp: 274737

Ion Ratio Lower Upper

240 100

120 13.4 9.7 14.5

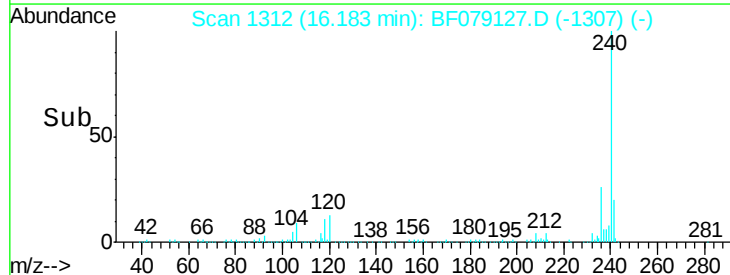
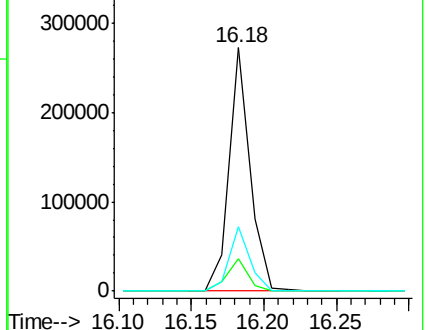
236 26.2 20.2 30.4

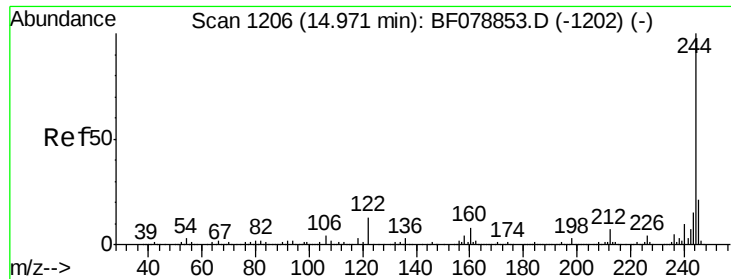


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

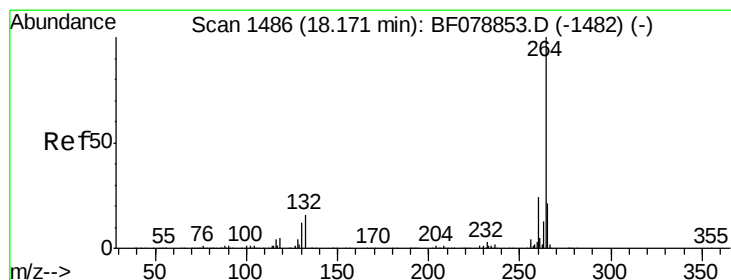
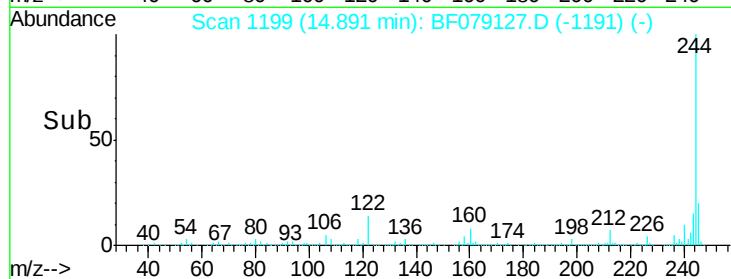
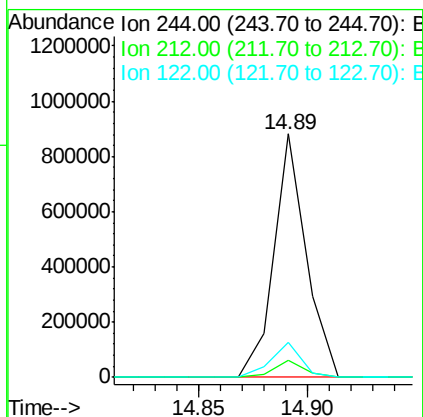
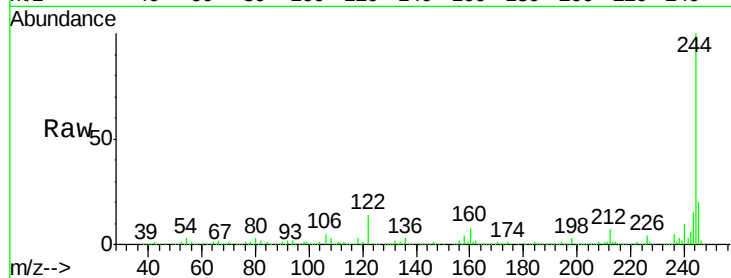




#78
 Terphenyl-d14
 Concen: 80.17 ng
 RT: 14.89 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF079127.D
 Acq: 11 May 2015 20:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tgt Ion:244 Resp: 919984
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.89 min Scan# 1461
 Delta R.T. -0.17 min
 Lab File: BF079127.D
 Acq: 11 May 2015 20:39

Tgt Ion:264 Resp: 287942
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.7 18.3 27.5

