

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
 Data File : BF079926.D
 Acq On : 12 Jun 2015 7:44
 Operator : TP/IZ
 Sample : G2571-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM9W

Quant Time: Jun 12 14:31:01 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 13:46:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	44293	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	179277	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	94480	20.00	ng	0.00
63) Phenanthrene-d10	11.97	188	207110	20.00	ng	0.00
75) Chrysene-d12	14.93	240	227326	20.00	ng	0.08
86) Perylene-d12	16.82	264	222009	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	120979	50.08	ng	0.00
7) Phenol-d6	6.99	99	104484	31.75	ng	0.00
23) Nitrobenzene-d5	7.95	82	186749	68.73	ng	0.00
41) 2,4,6-Tribromophenol	11.26	330	93761	99.25	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	545913	80.91	ng	0.00
78) Terphenyl-d14	13.66	244	719871	73.01	ng	0.05

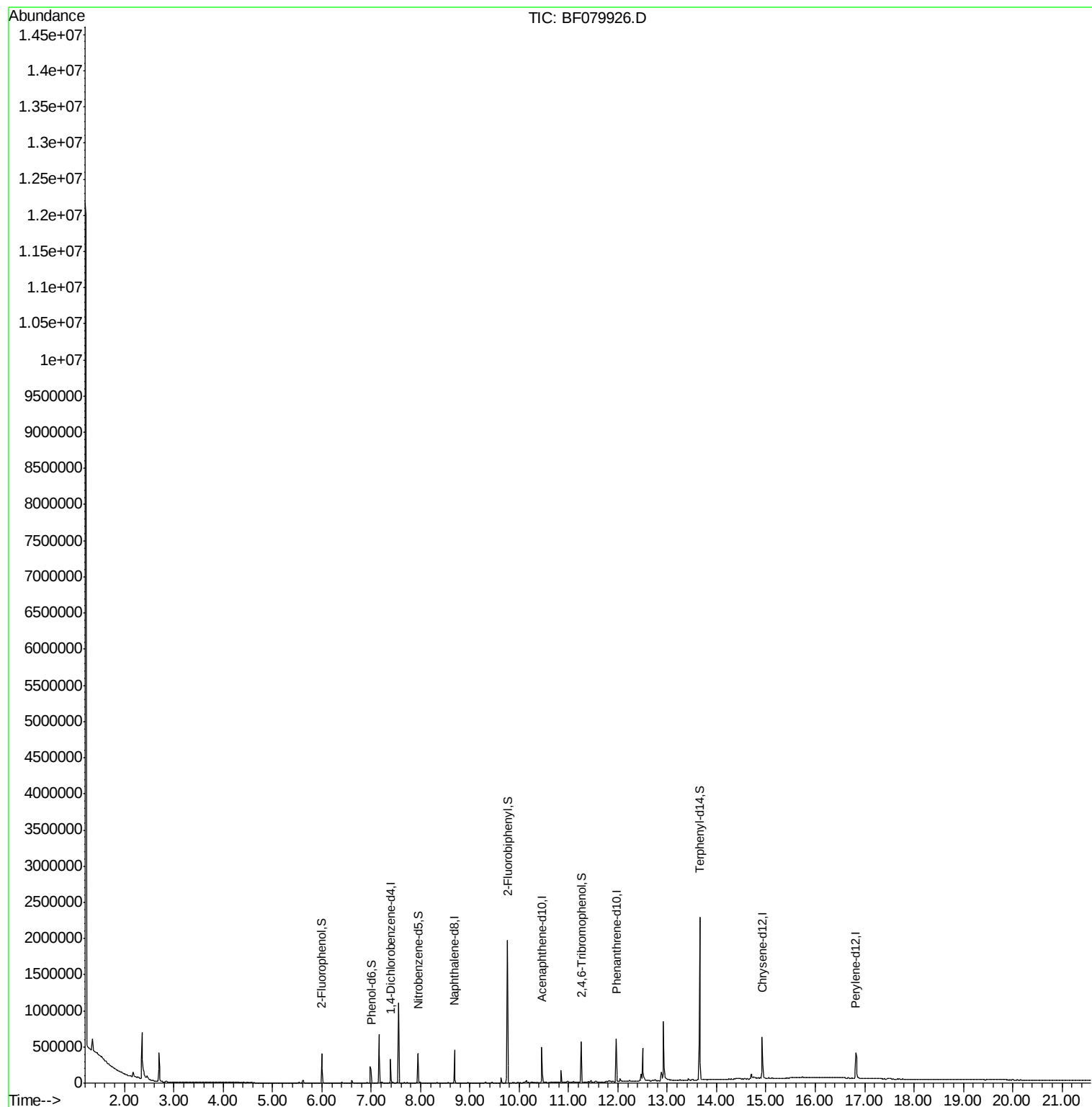
Target Compounds	Qvalue
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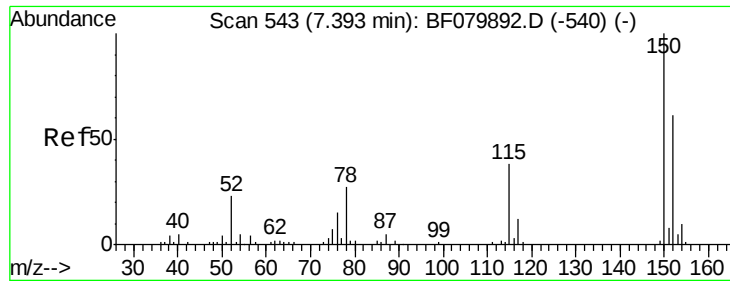
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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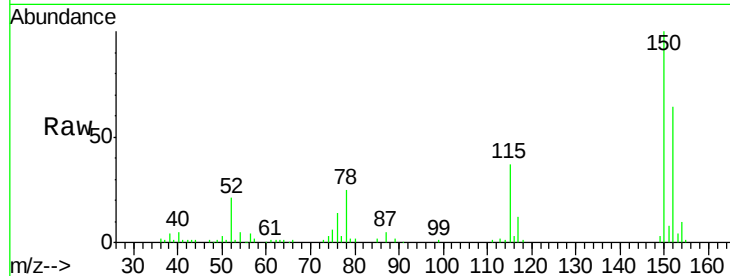


#1

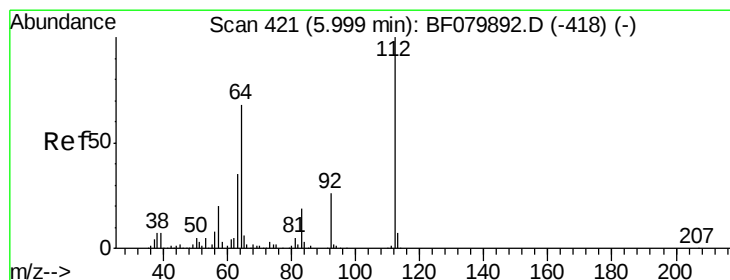
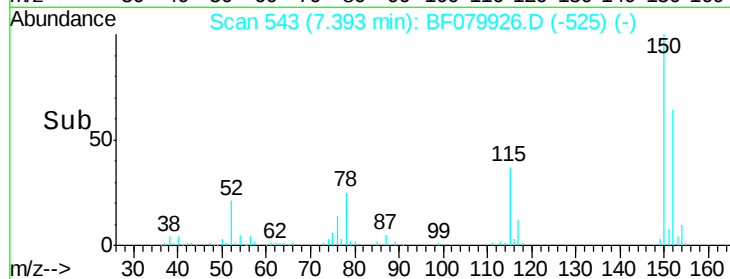
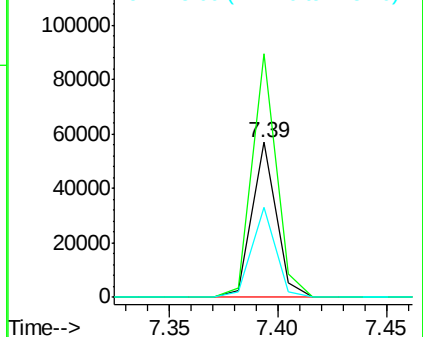
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF079926.D
Acq: 12 Jun 2015 7:44

Instrument :
BNA_F
ClientSampleId :
FM9W

Tot Ion:152 Resp: 44293
Ion Ratio Lower Upper
152 100
150 157.3 131.0 196.4
115 57.9 49.8 74.6



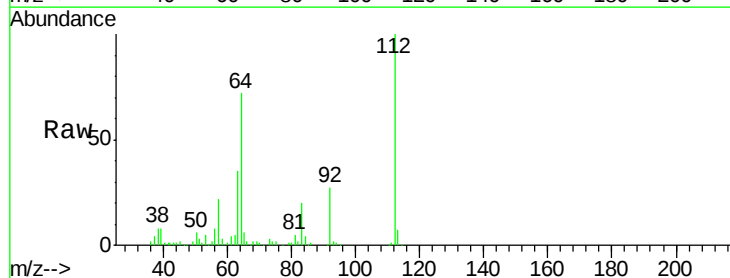
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



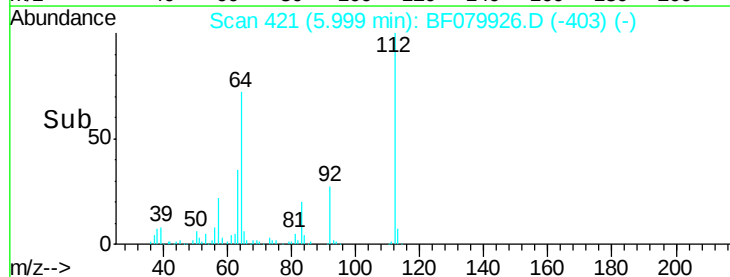
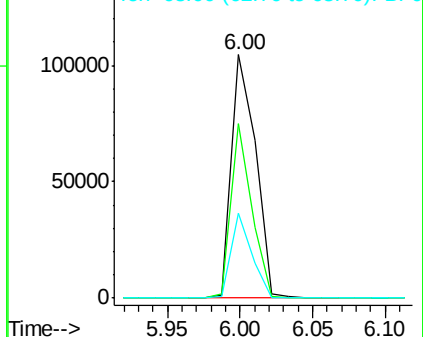
#5

2-Fluorophenol
Concen: 50.08 ng
RT: 6.00 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF079926.D
Acq: 12 Jun 2015 7:44

Tgt Ion:112 Resp: 120979
Ion Ratio Lower Upper
112 100
64 71.8 54.5 81.7
63 34.8 27.9 41.9



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





#7

Phenol-d6

Concen: 31.75 ng

RT: 6.99 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF079926.D

Acq: 12 Jun 2015 7:44

Instrument :

BNA_F

ClientSampleId :

FM9W

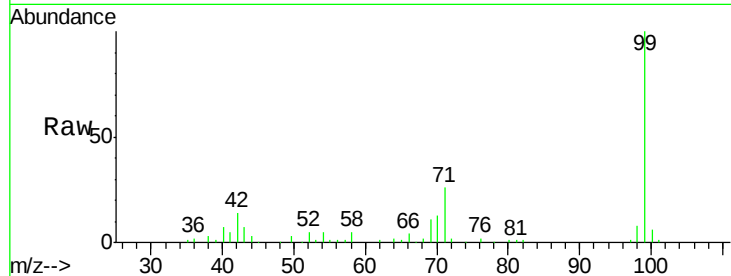
Tot Ion: 99 Resp: 104484

Ion Ratio Lower Upper

99 100

42 13.9 12.9 19.3

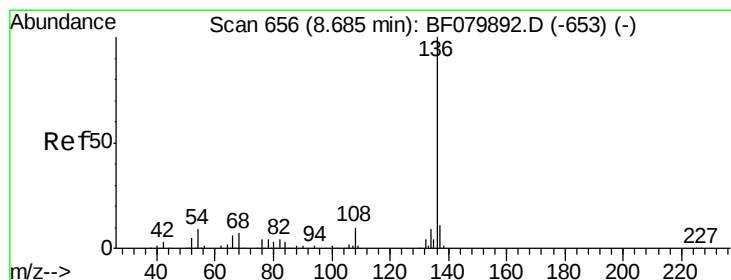
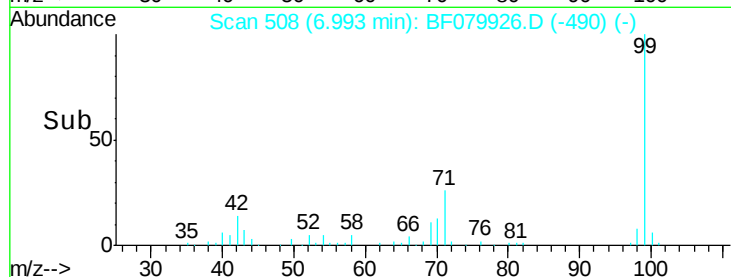
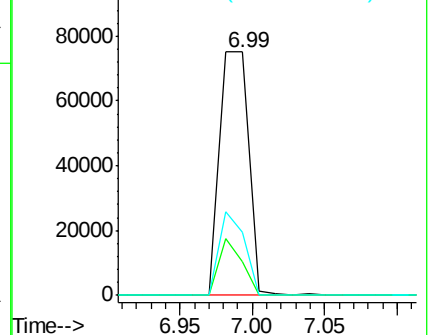
71 26.0 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.68 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF079926.D

Acq: 12 Jun 2015 7:44

Tgt Ion: 136 Resp: 179277

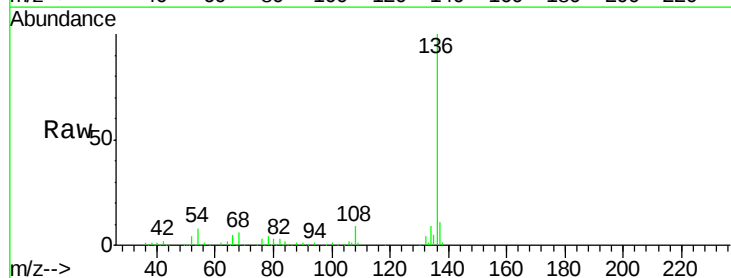
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 8.2 7.3 10.9

68 6.5 5.9 8.9

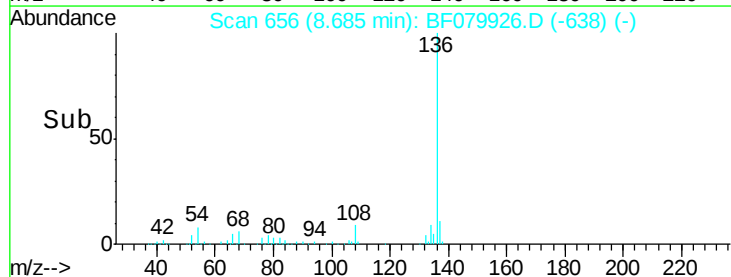
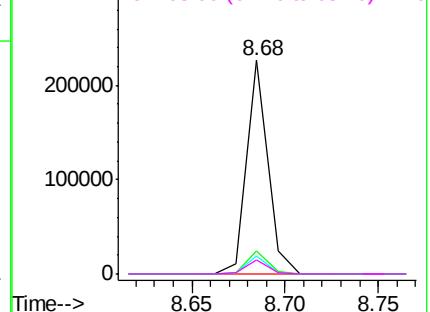


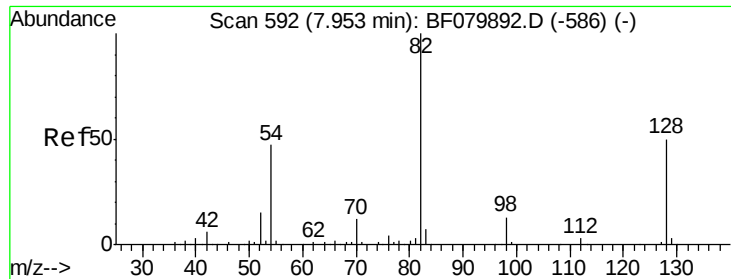
Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.73 ng

RT: 7.95 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF079926.D

Acq: 12 Jun 2015 7:44

Instrument :

BNA_F

ClientSampleId :

FM9W

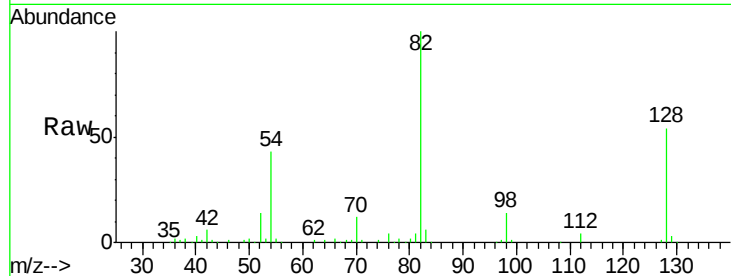
Tot Ion: 82 Resp: 186749

Ion Ratio Lower Upper

82 100

128 54.1 40.3 60.5

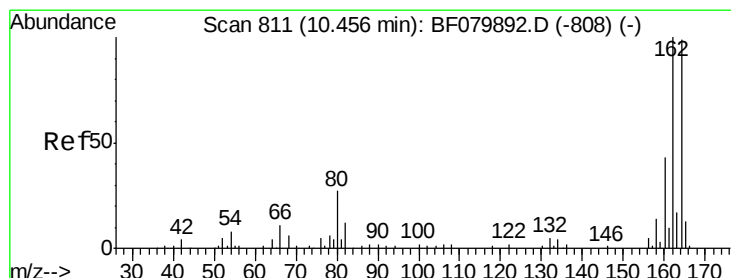
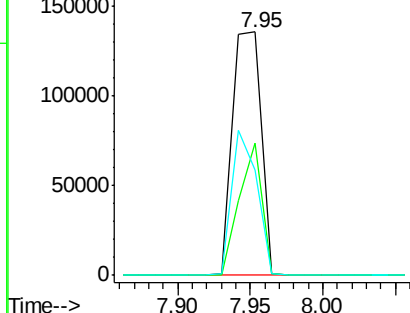
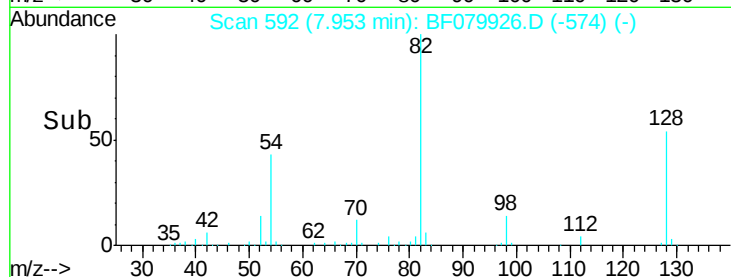
54 43.3 38.0 57.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.46 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF079926.D

Acq: 12 Jun 2015 7:44

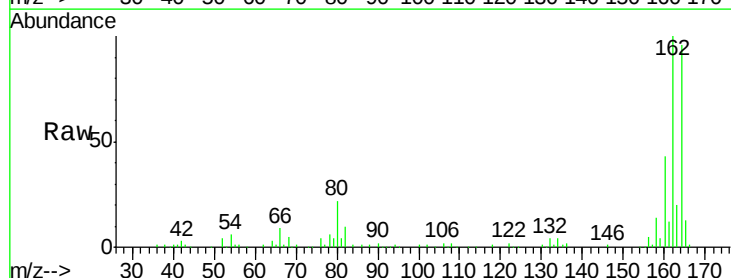
Tgt Ion:164 Resp: 94480

Ion Ratio Lower Upper

164 100

162 103.8 80.7 121.1

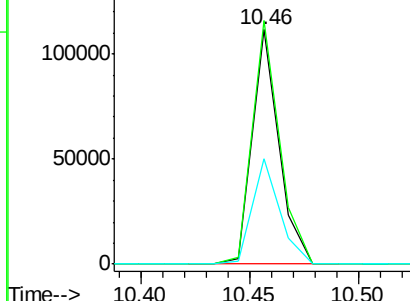
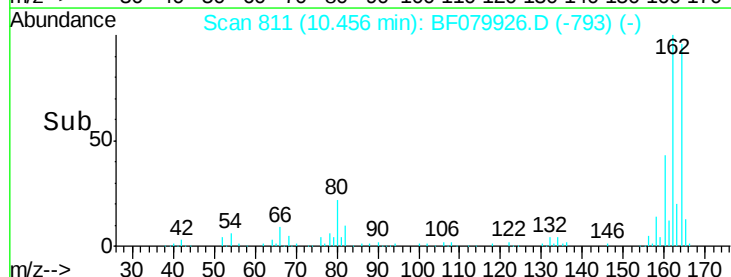
160 44.9 34.6 51.8



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

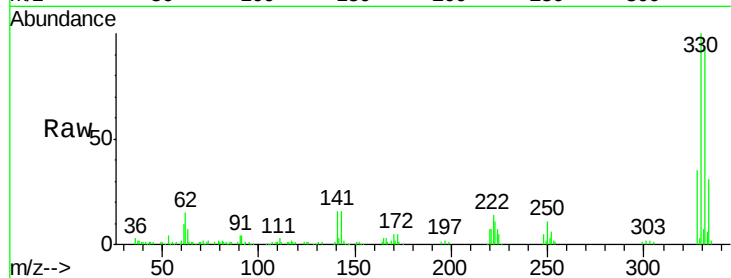




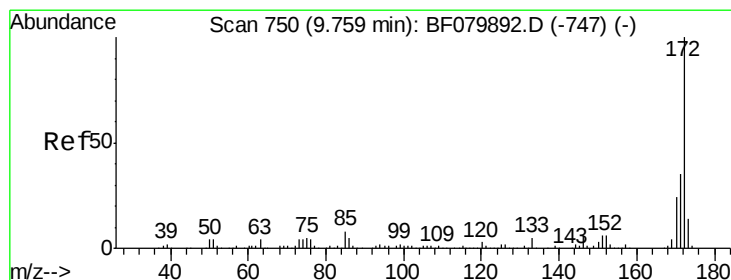
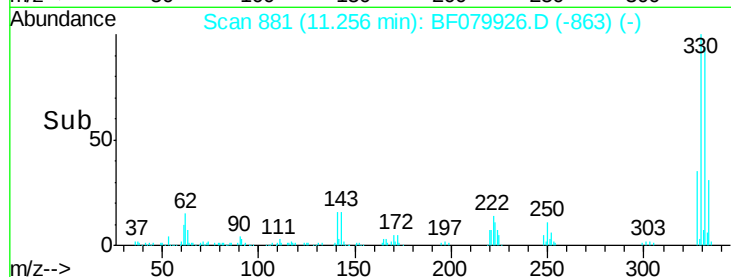
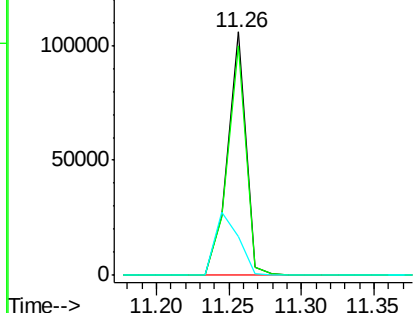
#41
 2,4,6-Tribromophenol
 Concen: 99.25 ng
 RT: 11.26 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF079926.D
 Acq: 12 Jun 2015 7:44

Instrument :
 BNA_F
 ClientSampleId :
 FM9W

Tot Ion:330 Resp: 93761
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.3 115.9
 141 33.2 26.8 40.2

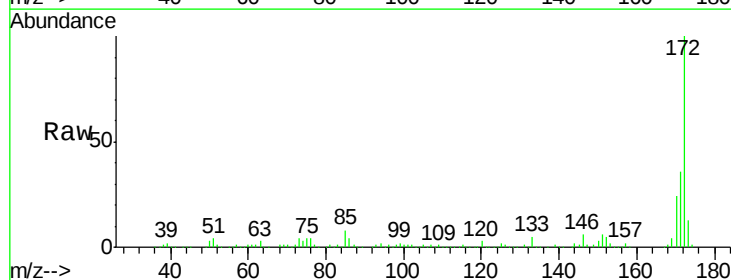


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

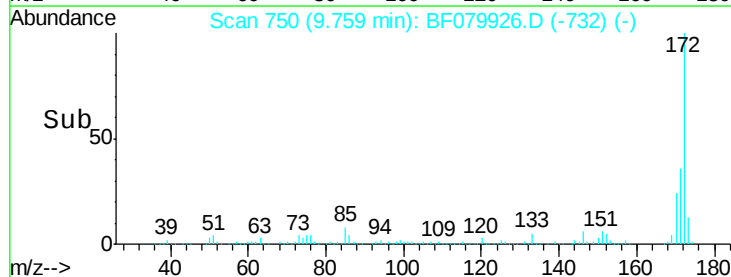
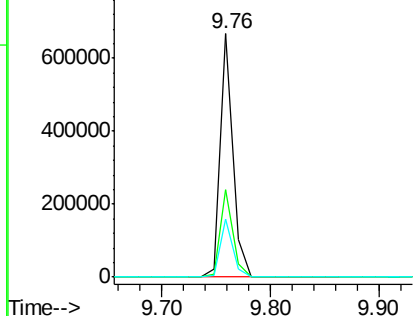


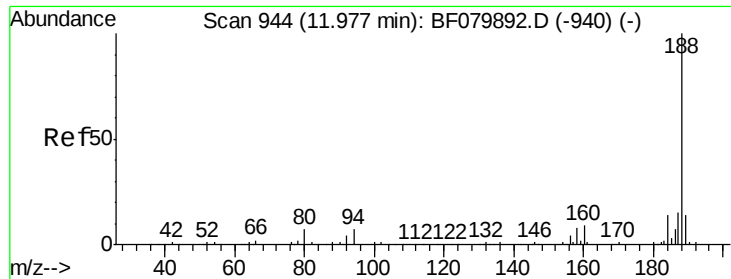
#44
 2-Fluorobiphenyl
 Concen: 80.91 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF079926.D
 Acq: 12 Jun 2015 7:44

Tgt Ion:172 Resp: 545913
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.3 42.5
 170 24.0 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

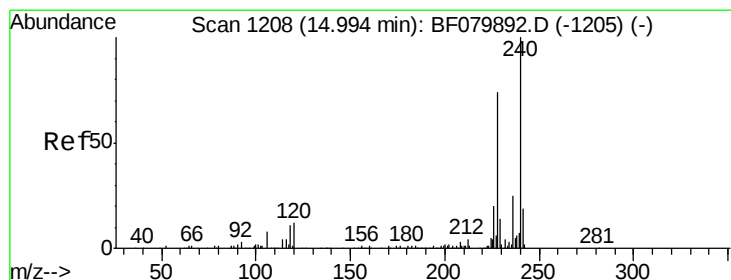
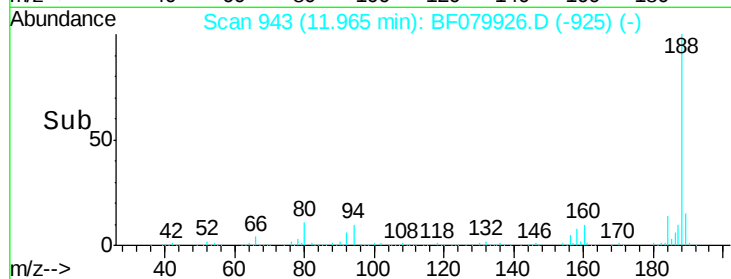
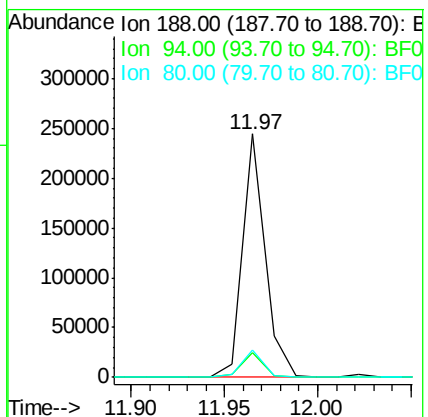
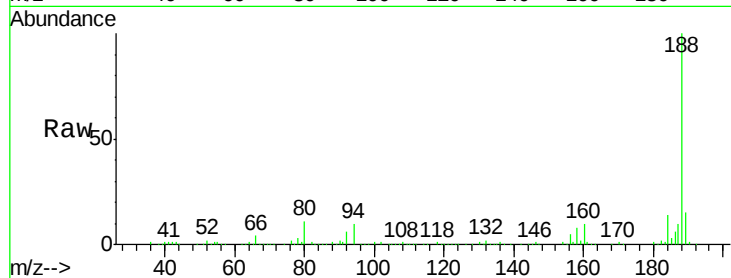




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.97 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF079926.D
Acq: 12 Jun 2015 7:44

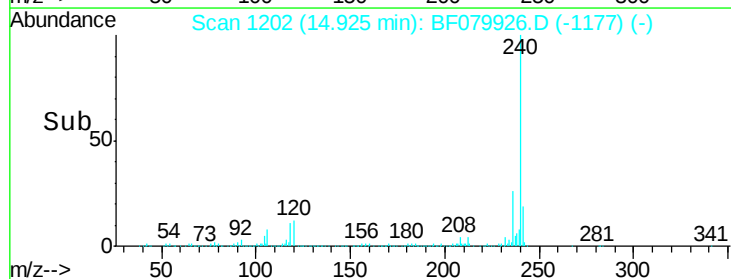
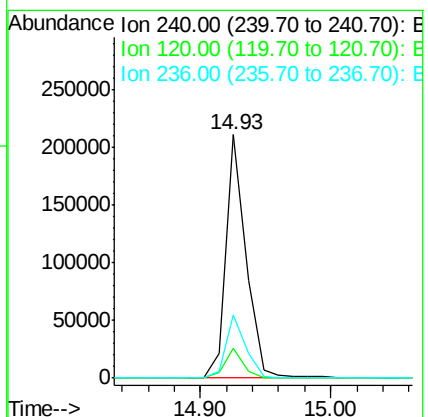
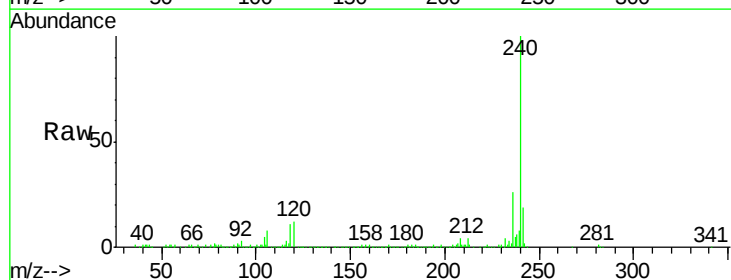
Instrument :
BNA_F
ClientSampleId :
FM9W

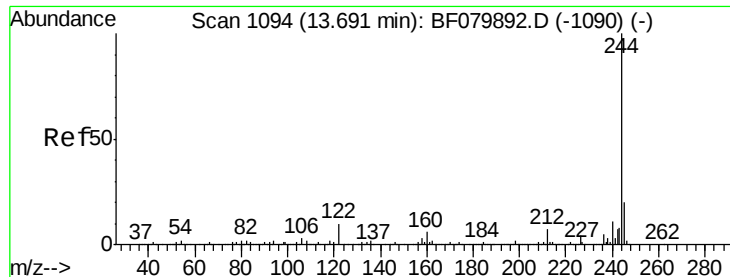
Tot Ion:188 Resp: 207110
Ion Ratio Lower Upper
188 100
94 10.1 5.8 8.8#
80 11.3 5.9 8.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 1202
Delta R.T. 0.08 min
Lab File: BF079926.D
Acq: 12 Jun 2015 7:44

Tgt Ion:240 Resp: 227326
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 25.8 19.6 29.4

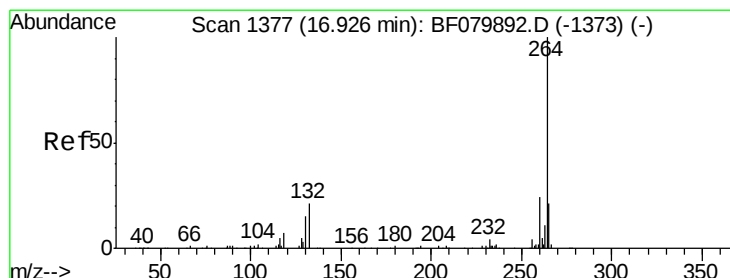
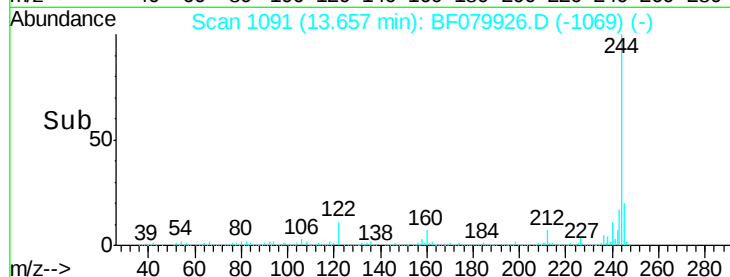
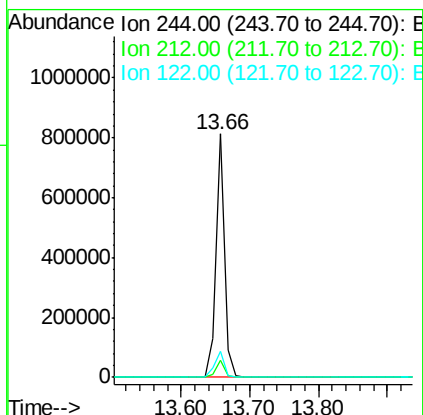
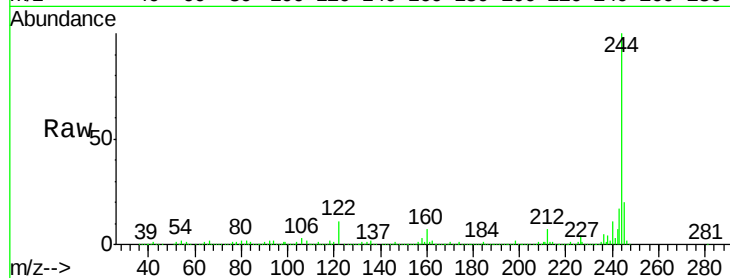




#78
 Terphenyl-d14
 Concen: 73.01 ng
 RT: 13.66 min Scan# 1091
 Delta R.T. 0.05 min
 Lab File: BF079926.D
 Acq: 12 Jun 2015 7:44

Instrument :
 BNA_F
 ClientSampleId :
 FM9W

Tot Ion:244 Resp: 719871
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.6 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1368
 Delta R.T. 0.11 min
 Lab File: BF079926.D
 Acq: 12 Jun 2015 7:44

Tgt Ion:264 Resp: 222009
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 22.2 17.0 25.6

