

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
 Data File : BF078306.D
 Acq On : 7 Apr 2015 19:04
 Operator : TP/IZ
 Sample : G1789-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-023

Quant Time: Apr 08 01:21:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 01:52:14 2015
 Response via : Initial Calibration

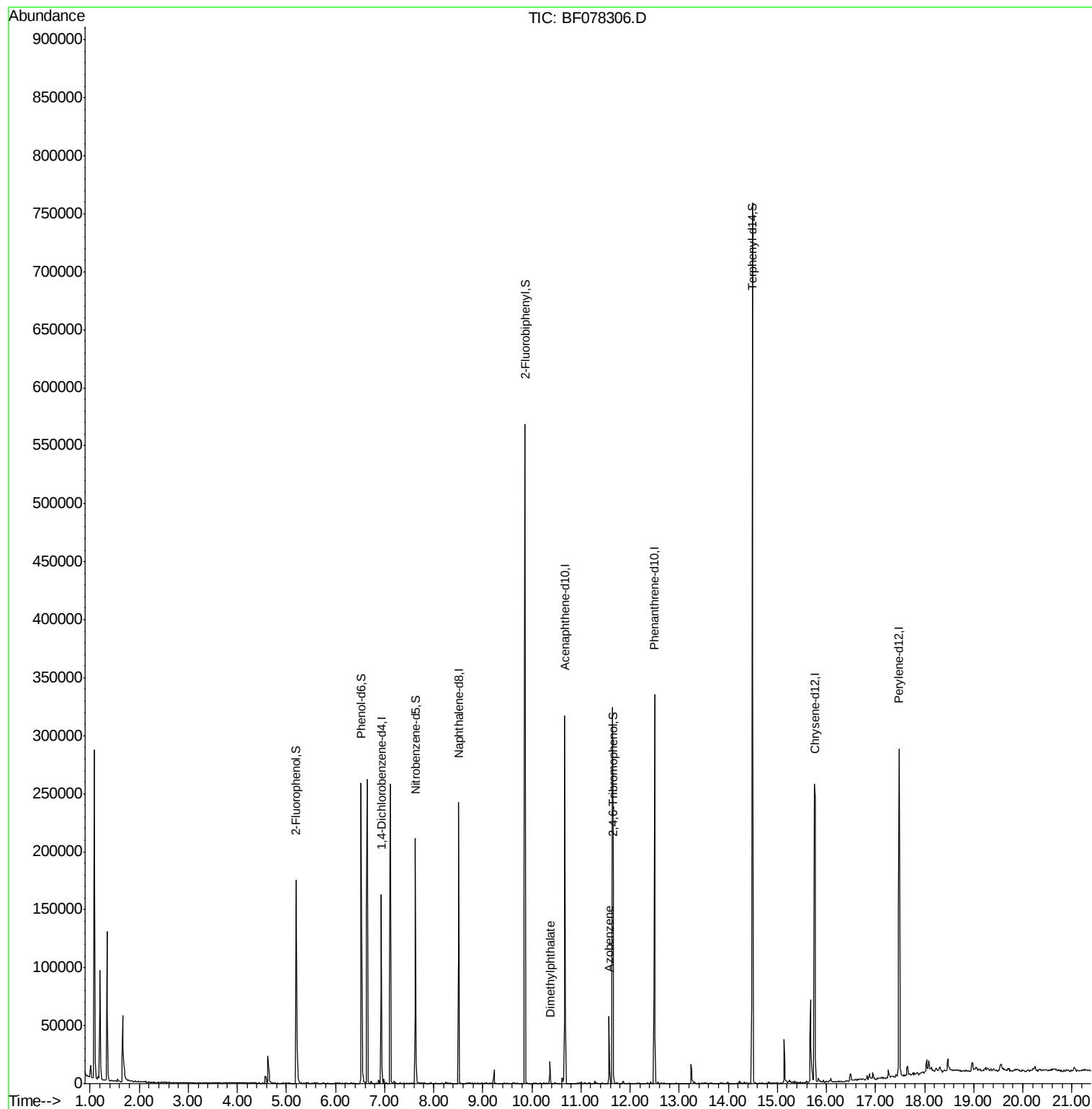
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	30856	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	128925	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	65105	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	131840	20.00	ng	0.00
75) Chrysene-d12	15.77	240	144638	20.00	ng	-0.01
86) Perylene-d12	17.48	264	135773	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	80744	43.15	ng	0.00
7) Phenol-d6	6.52	99	111655	47.61	ng	-0.01
23) Nitrobenzene-d5	7.63	82	71993	33.85	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	43322	80.23	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	190887	41.91	ng	0.00
78) Terphenyl-d14	14.49	244	297578	46.49	ng	-0.01
Target Compounds						
49) Dimethylphthalate	10.37	163	10862	2.22	ng	# 98
62) Azobenzene	11.57	77	11288	2.62	ng	# 1

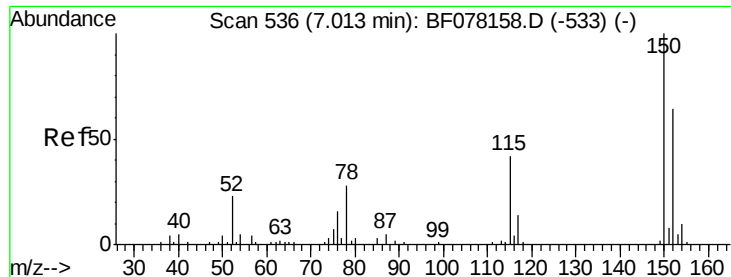
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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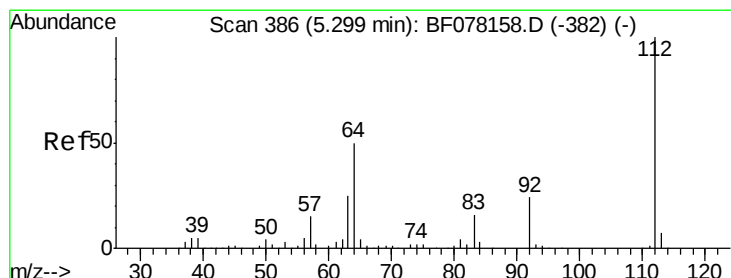
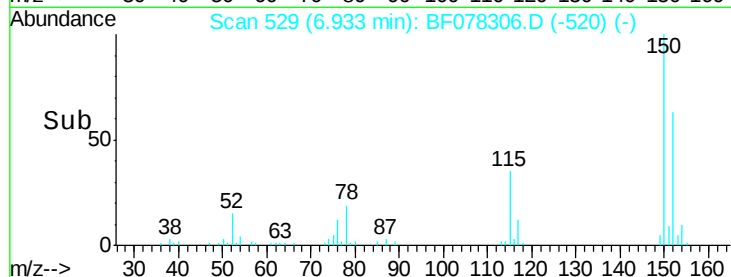
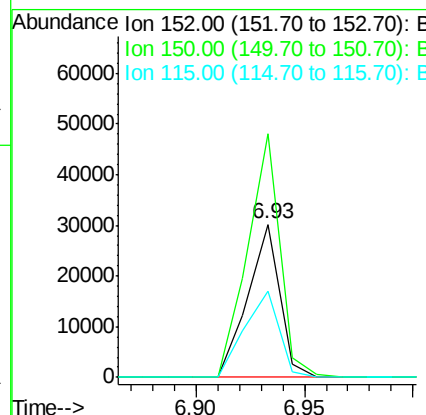
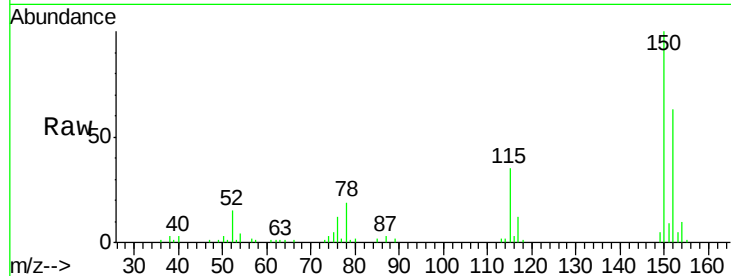




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF078306.D
 Acq: 7 Apr 2015 19:04

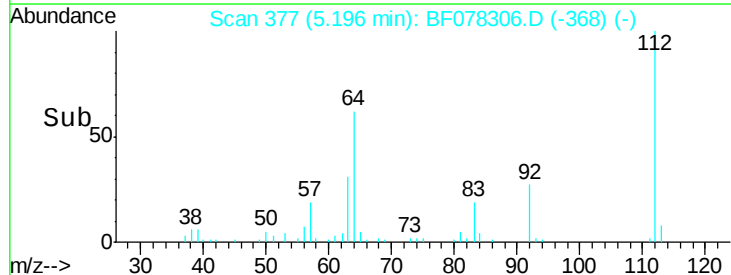
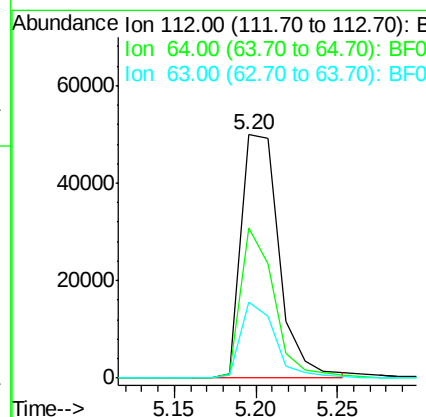
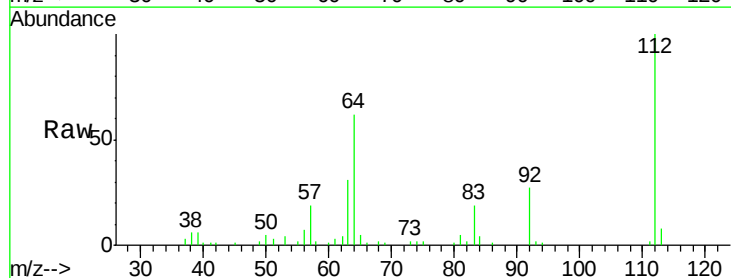
Instrument :
 BNA_F
 ClientSampleId :
 FS-023

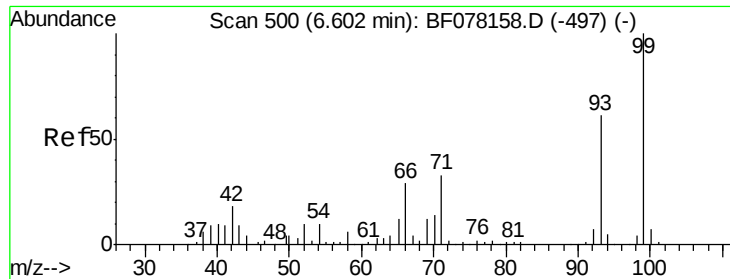
Tgt Ion:152 Resp: 30856
 Ion Ratio Lower Upper
 152 100
 150 158.9 125.9 188.9
 115 55.8 52.7 79.1



#5
 2-Fluorophenol
 Concen: 43.15 ng
 RT: 5.20 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: BF078306.D
 Acq: 7 Apr 2015 19:04

Tgt Ion:112 Resp: 80744
 Ion Ratio Lower Upper
 112 100
 64 61.9 39.9 59.9#
 63 31.3 20.2 30.4#





#7

Phenol-d6

Concen: 47.61 ng

RT: 6.52 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF078306.D

Acq: 7 Apr 2015 19:04

Instrument :

BNA_F

ClientSampleId :

FS-023

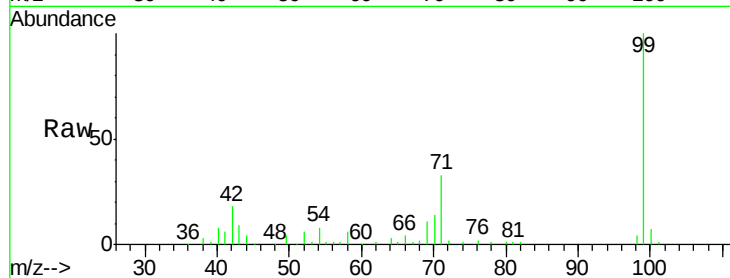
Tgt Ion: 99 Resp: 111655

Ion Ratio Lower Upper

99 100

42 17.8 14.8 22.2

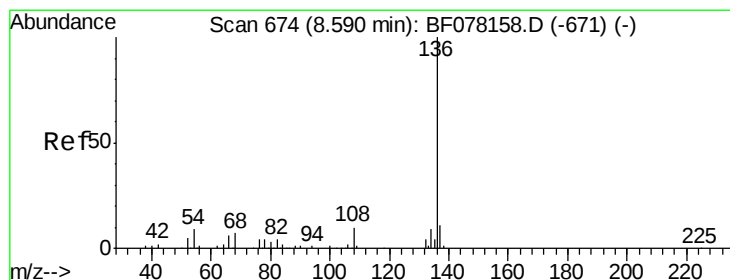
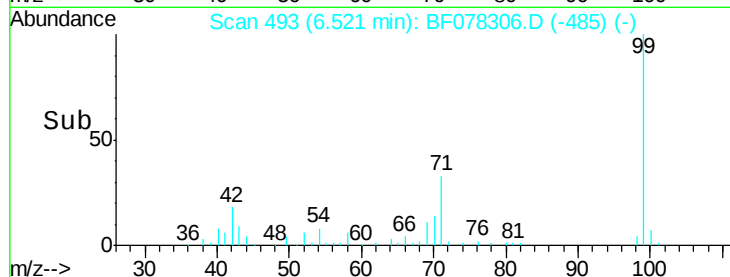
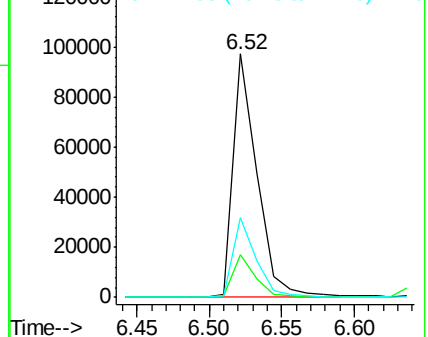
71 32.6 26.6 39.8



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: 8.51 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF078306.D

Acq: 7 Apr 2015 19:04

Tgt Ion: 136 Resp: 128925

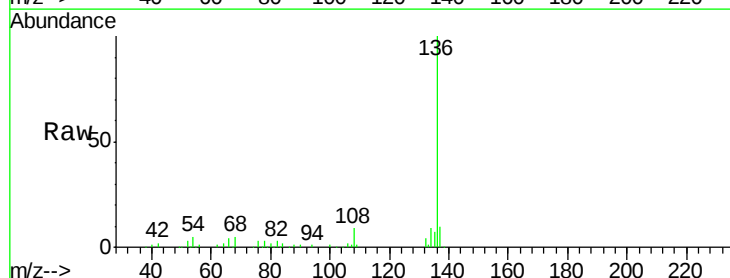
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 5.4 7.0 10.6#

68 4.8 5.4 8.2#

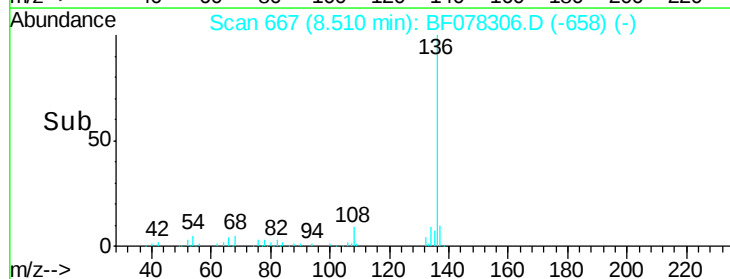
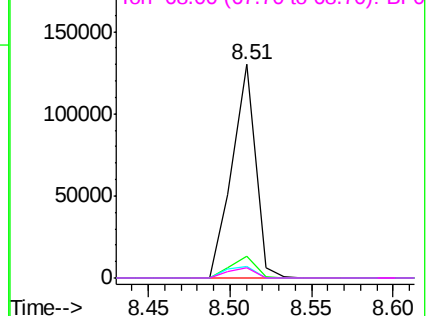


Abundance Ion 136.00 (135.70 to 136.70): E

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

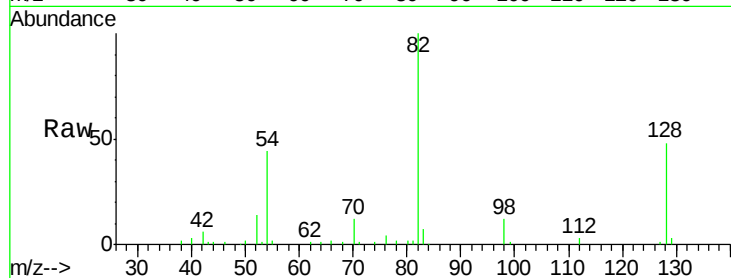




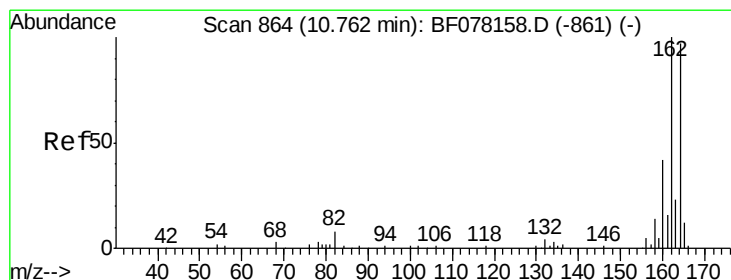
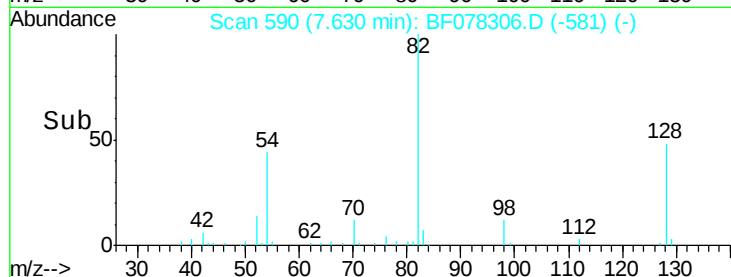
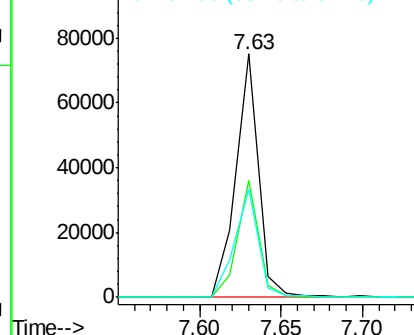
#23
 Nitrobenzene-d5
 Concen: 33.85 ng
 RT: 7.63 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF078306.D
 Acq: 7 Apr 2015 19:04

Instrument :
 BNA_F
 ClientSampled :
 FS-023

Tgt Ion: 82 Resp: 71993
 Ion Ratio Lower Upper
 82 100
 128 48.2 31.8 47.8#
 54 44.2 41.5 62.3

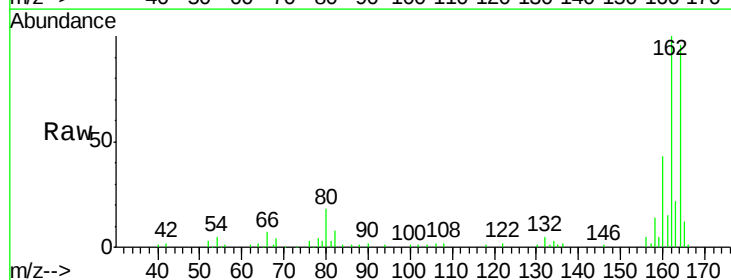


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

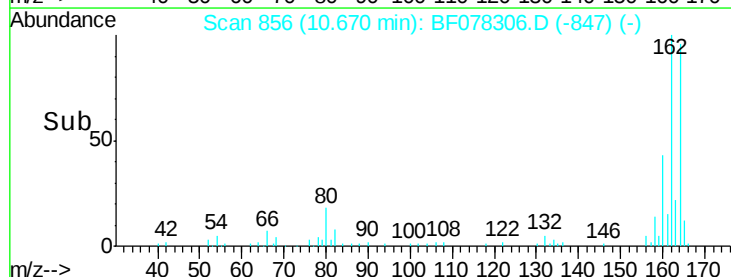
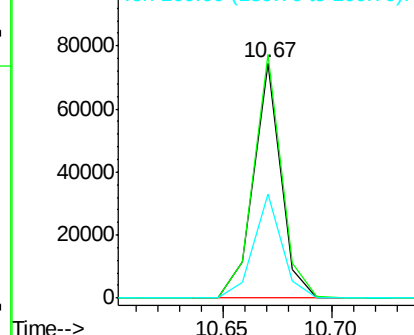


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF078306.D
 Acq: 7 Apr 2015 19:04

Tgt Ion: 164 Resp: 65105
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.2 123.2
 160 44.3 34.7 52.1



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

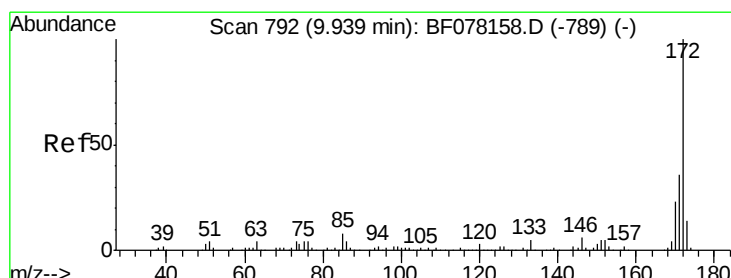
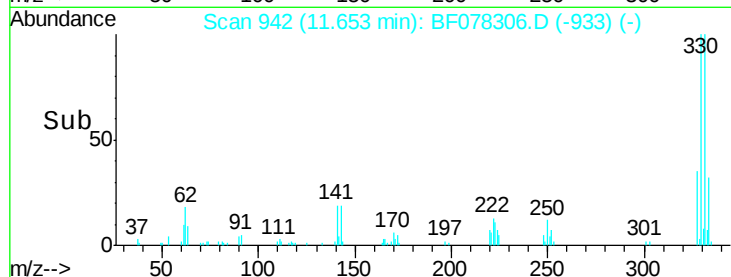
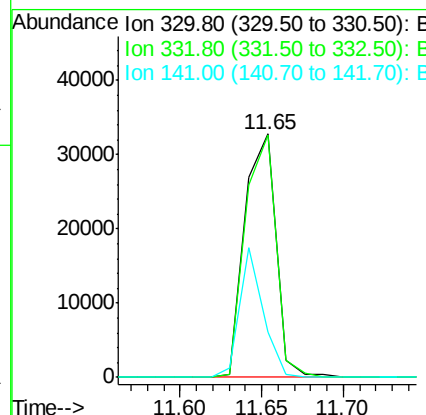
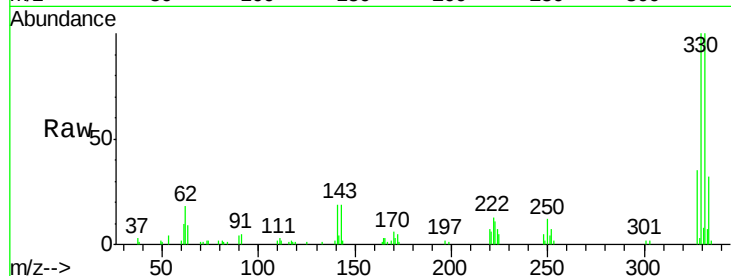




#41
 2,4,6-Tribromophenol
 Concen: 80.23 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF078306.D
 Acq: 7 Apr 2015 19:04

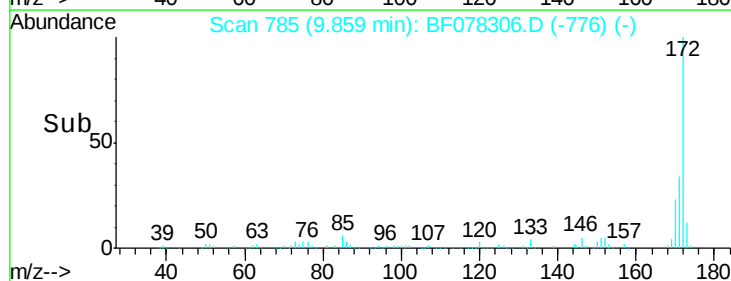
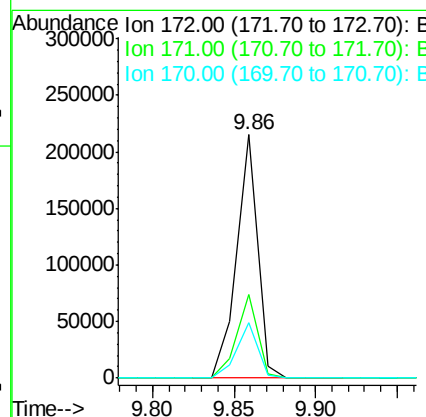
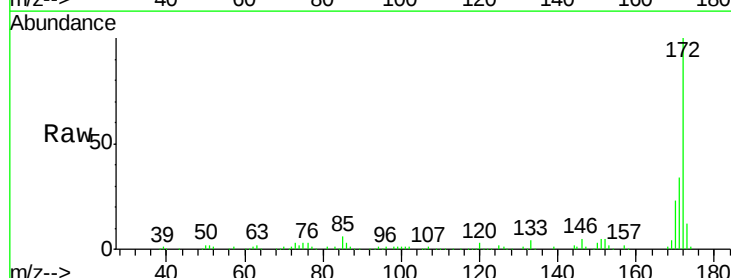
Instrument :
 BNA_F
 ClientSampleId :
 FS-023

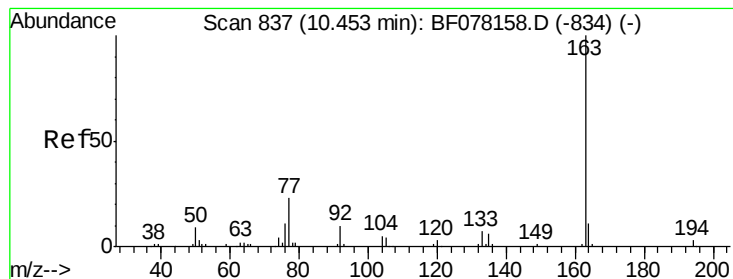
Tgt Ion:330 Resp: 43322
 Ion Ratio Lower Upper
 330 100
 332 98.0 78.6 117.8
 141 40.0 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 41.91 ng
 RT: 9.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF078306.D
 Acq: 7 Apr 2015 19:04

Tgt Ion:172 Resp: 190887
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.6 42.8
 170 22.7 18.5 27.7





#49

Dimethylphthalate

Concen: 2.22 ng

RT: 10.37 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF078306.D

Acq: 7 Apr 2015 19:04

Instrument :

BNA_F

ClientSampleId :

FS-023

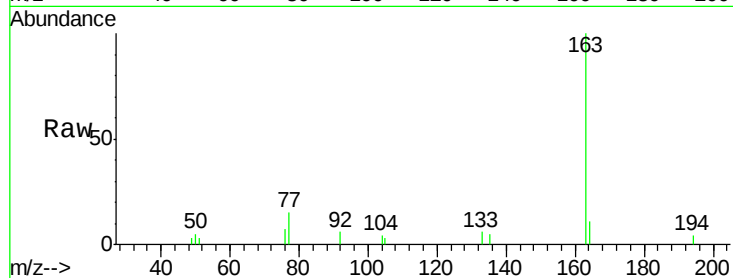
Tgt Ion: 163 Resp: 10862

Ion Ratio Lower Upper

163 100

194 4.4 2.3 3.5#

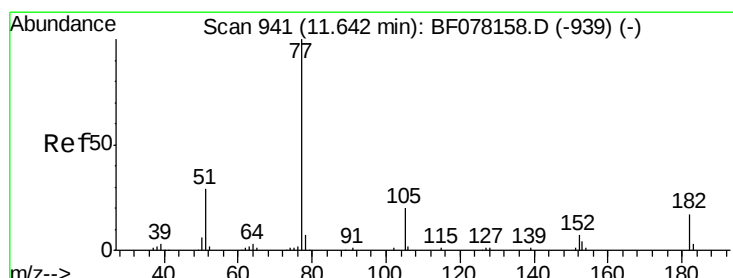
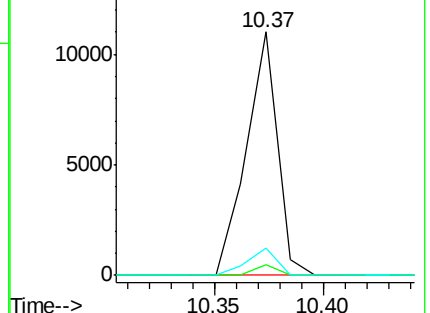
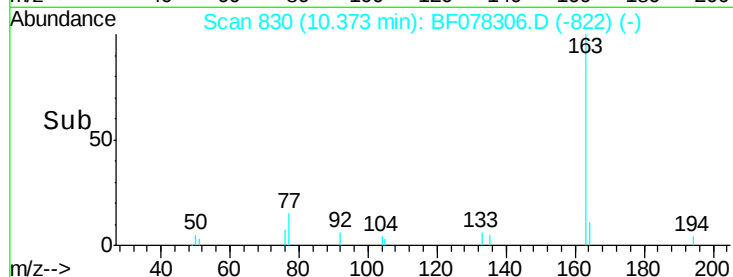
164 11.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#62

Azobenzene

Concen: 2.62 ng

RT: 11.57 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF078306.D

Acq: 7 Apr 2015 19:04

Tgt Ion: 77 Resp: 11288

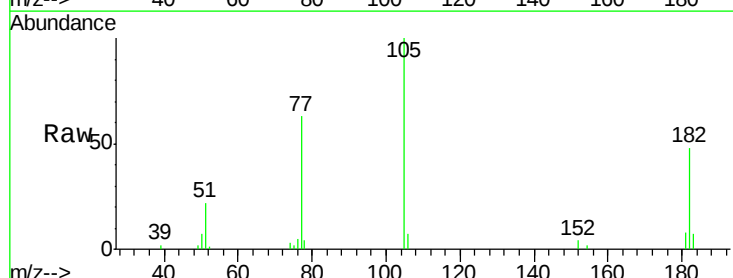
Ion Ratio Lower Upper

77 100

182 75.3 0.0 36.8#

105 158.5 0.3 40.3#

51 35.1 9.1 49.1

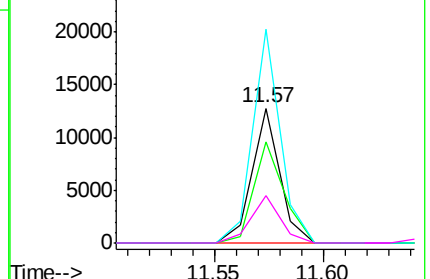
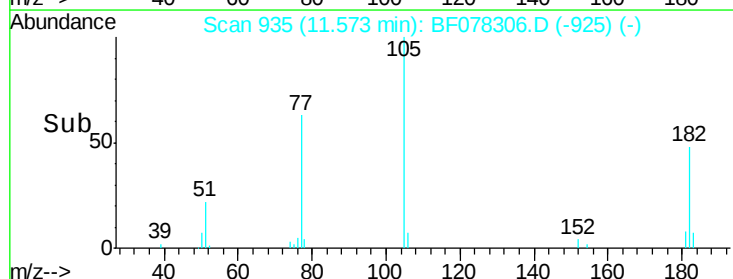


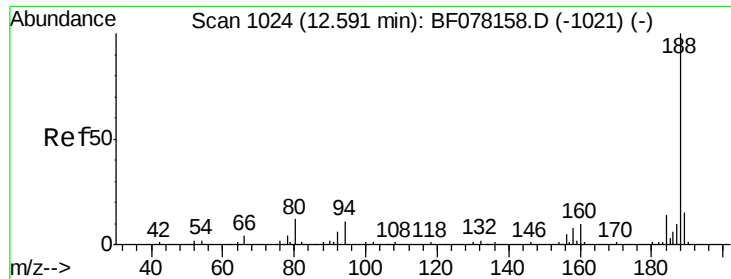
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

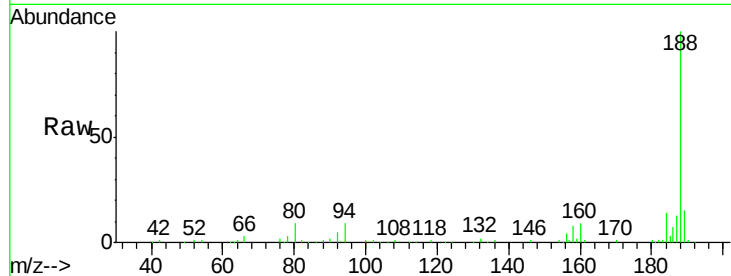




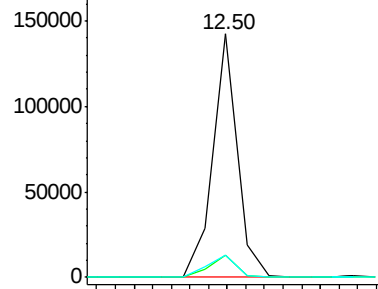
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF078306.D
Acq: 7 Apr 2015 19:04

Instrument :
BNA_F
ClientSampleId :
FS-023

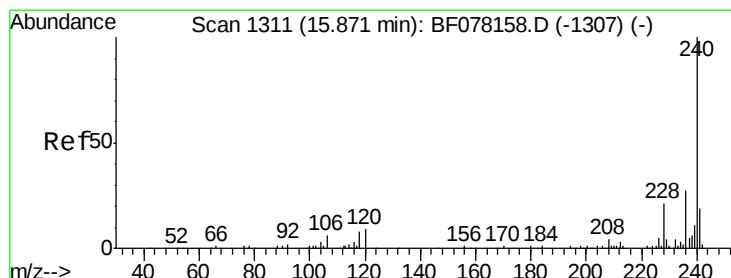
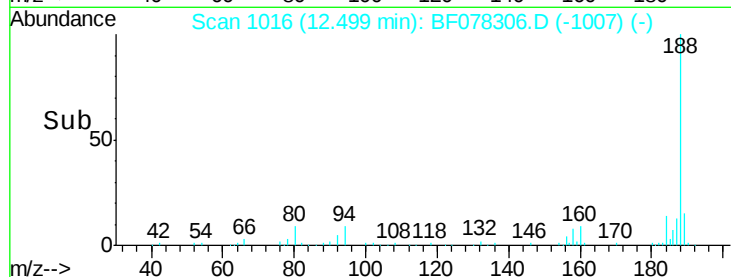
Tgt Ion:188 Resp: 131840
Ion Ratio Lower Upper
188 100
94 8.9 9.0 13.4#
80 9.3 9.5 14.3#



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

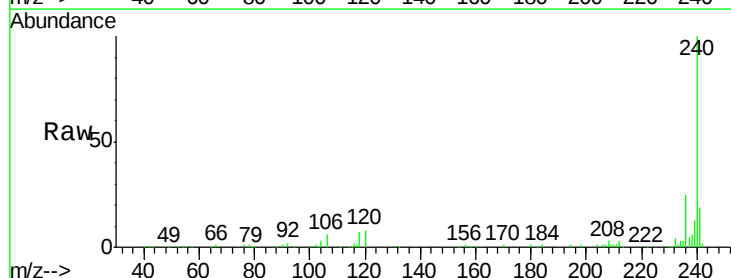


Time-->

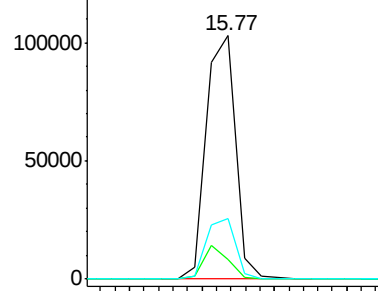


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF078306.D
Acq: 7 Apr 2015 19:04

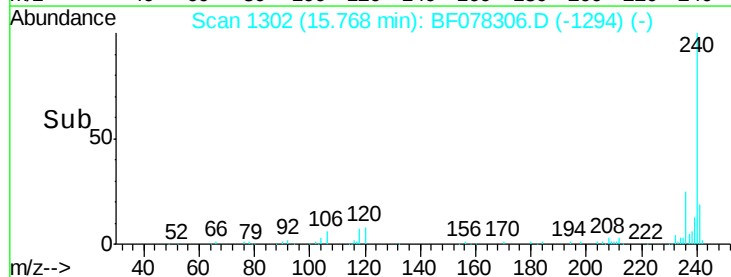
Tgt Ion:240 Resp: 144638
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 24.7 21.4 32.2

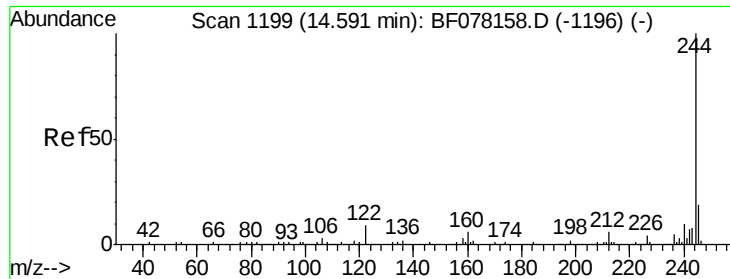


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 46.49 ng

RT: 14.49 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF078306.D

Acq: 7 Apr 2015 19:04

Instrument :

BNA_F

ClientSampleId :

FS-023

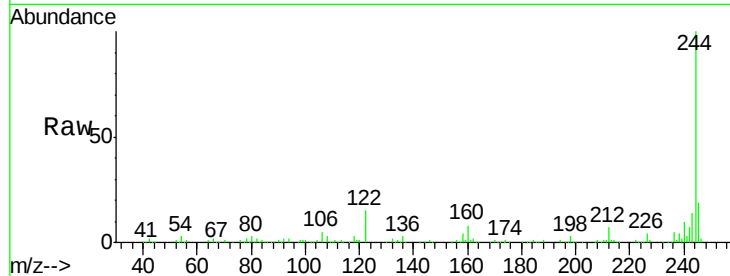
Tgt Ion:244 Resp: 297578

Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

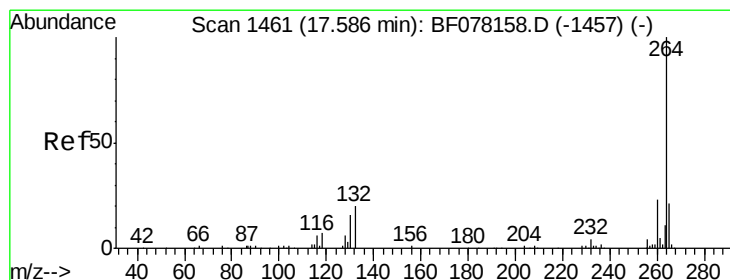
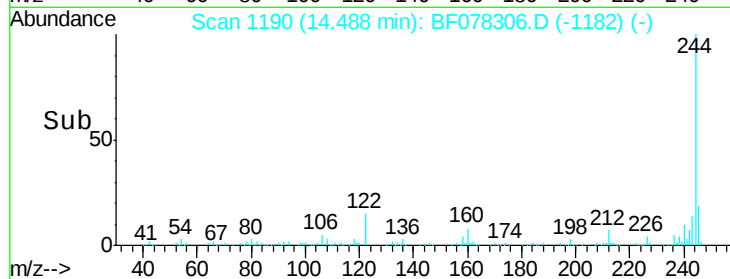
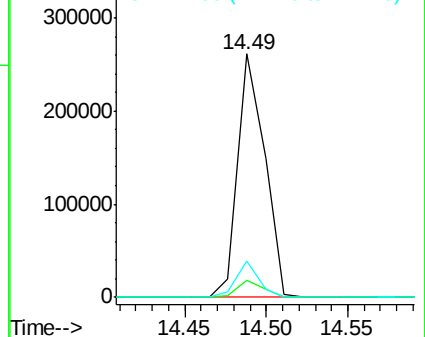
122 14.9 7.1 10.7#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.48 min Scan# 1452

Delta R.T. -0.08 min

Lab File: BF078306.D

Acq: 7 Apr 2015 19:04

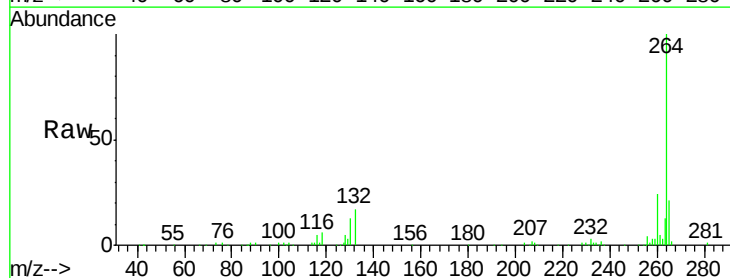
Tgt Ion:264 Resp: 135773

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.2 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

