

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078362.D
 Acq On : 9 Apr 2015 16:57
 Operator : TP/IZ
 Sample : G1782-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB14(2)

Quant Time: Apr 10 01:15:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 00:58:40 2015
 Response via : Initial Calibration

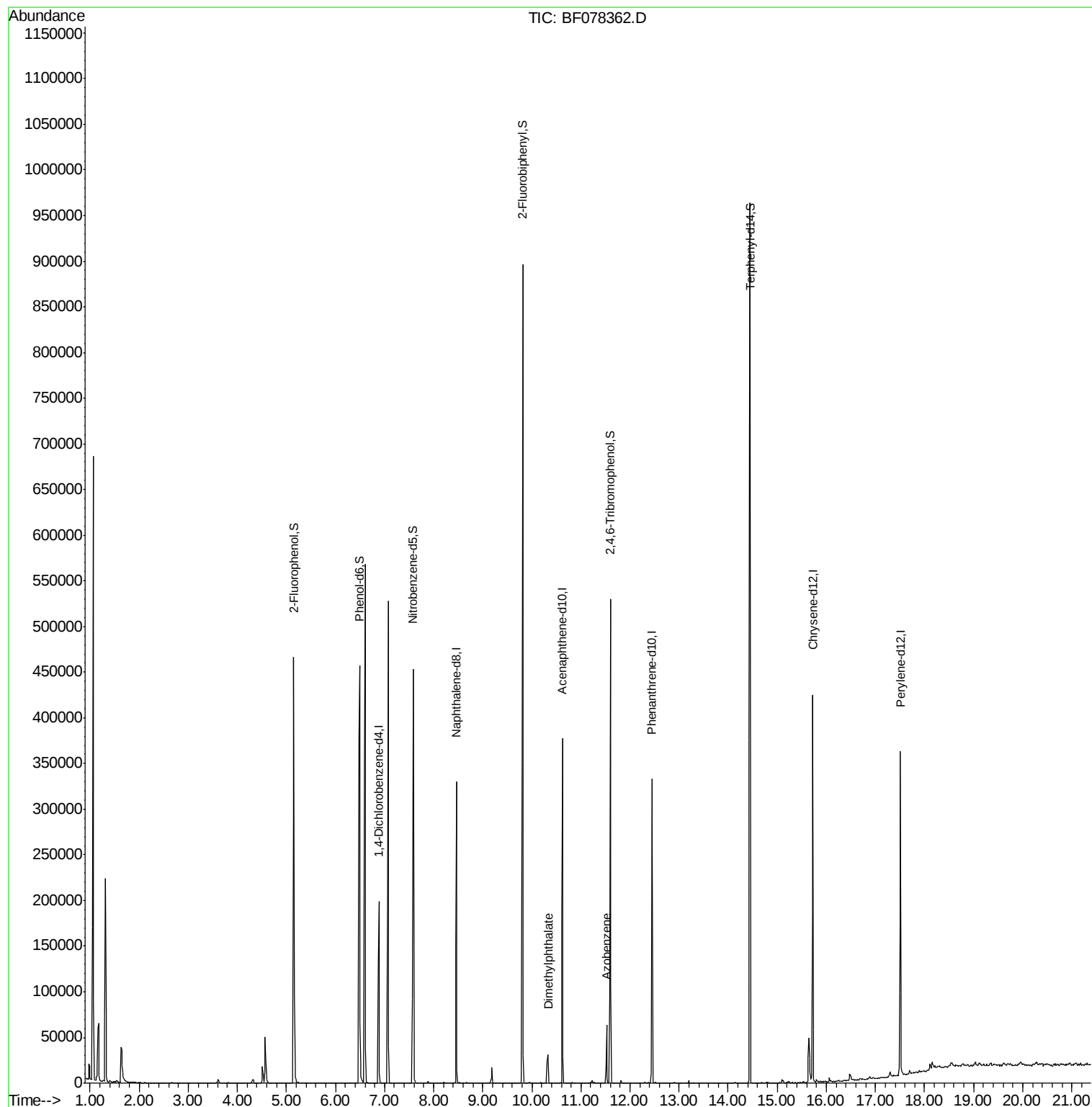
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	41325	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	175164	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	89290	20.00	ng	0.00
63) Phenanthrene-d10	12.44	188	180489	20.00	ng	-0.01
75) Chrysene-d12	15.72	240	181269	20.00	ng	0.00
86) Perylene-d12	17.51	264	164755	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	186857	74.55	ng	0.00
7) Phenol-d6	6.49	99	241630	76.93	ng	0.00
23) Nitrobenzene-d5	7.58	82	143929	49.80	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	61472	83.01	ng	-0.01
44) 2-Fluorobiphenyl	9.81	172	318213	50.94	ng	0.00
78) Terphenyl-d14	14.44	244	355123	44.27	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.33	163	20333	3.03	ng	Qvalue 97
62) Azobenzene	11.53	77	12831	2.17	ng	# 1

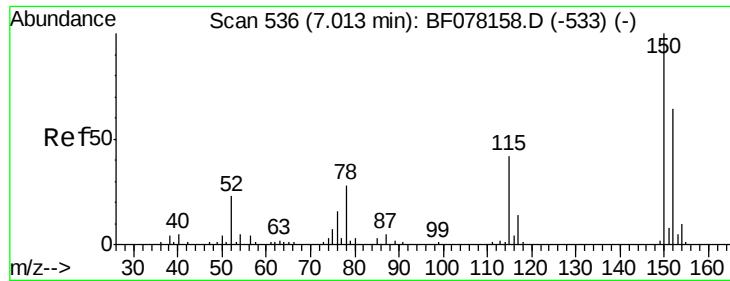
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF078362.D

Acq: 9 Apr 2015 16:57

Instrument :

BNA_F

ClientSampleId :

SB14(2)

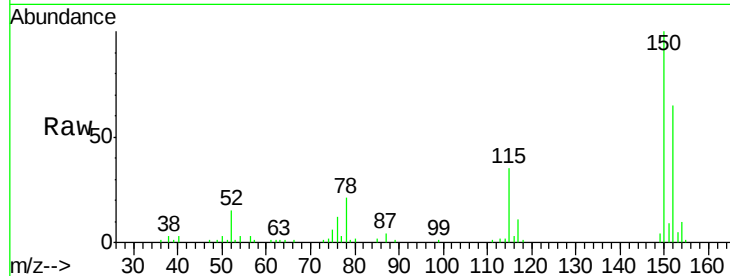
Tgt Ion:152 Resp: 41325

Ion Ratio Lower Upper

152 100

150 154.0 125.9 188.9

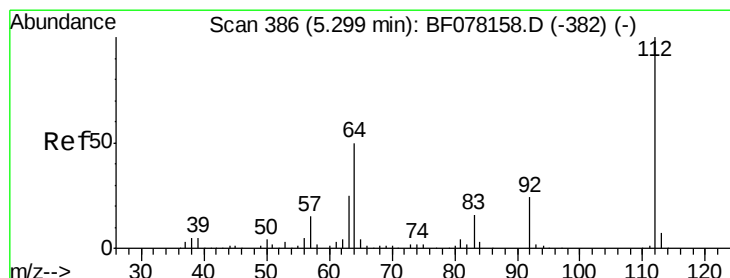
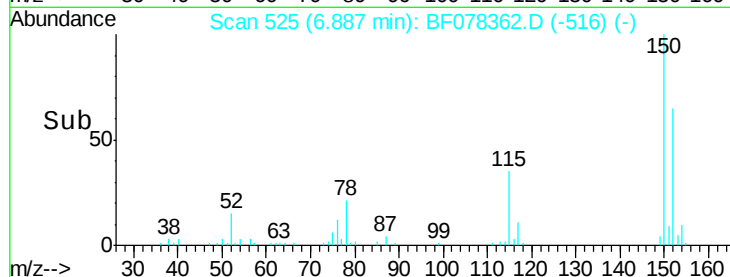
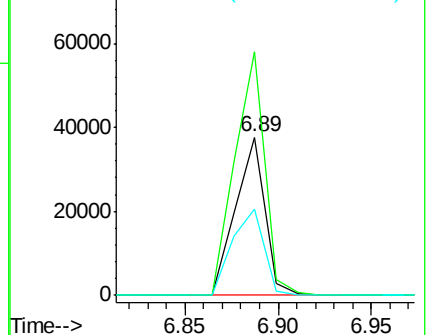
115 54.2 52.7 79.1



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: 74.55 ng

RT: 5.15 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF078362.D

Acq: 9 Apr 2015 16:57

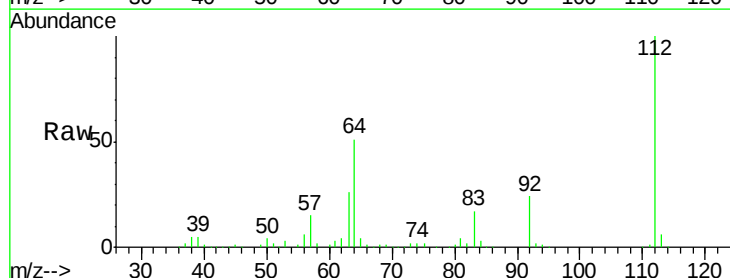
Tgt Ion:112 Resp: 186857

Ion Ratio Lower Upper

112 100

64 50.7 39.9 59.9

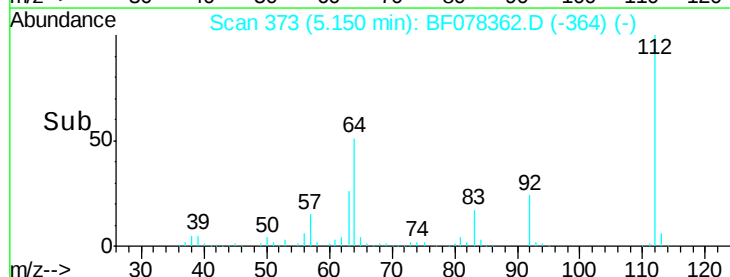
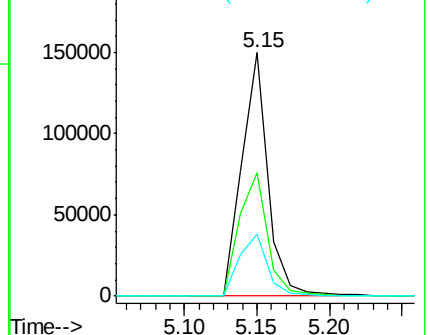
63 25.7 20.2 30.4



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: 76.93 ng

RT: 6.49 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF078362.D

Acq: 9 Apr 2015 16:57

Instrument :

BNA_F

ClientSampleId :

SB14(2)

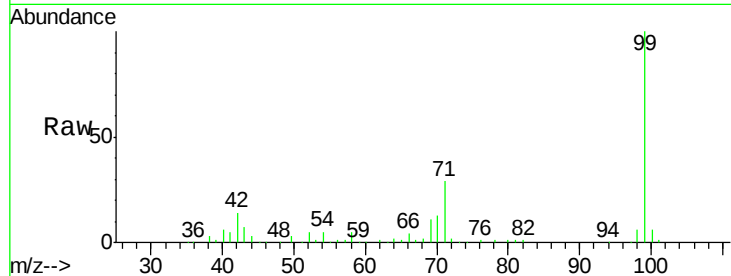
Tgt Ion: 99 Resp: 241630

Ion Ratio Lower Upper

99 100

42 13.8 14.8 22.2#

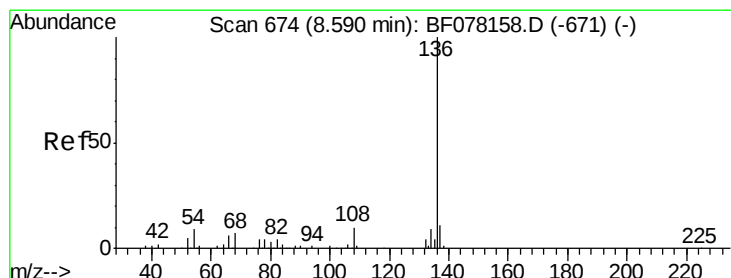
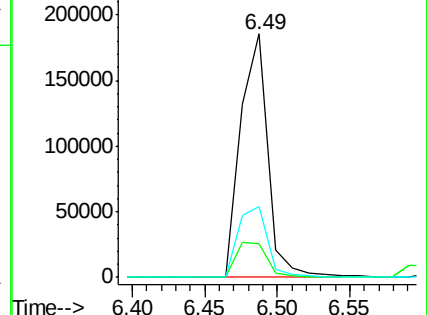
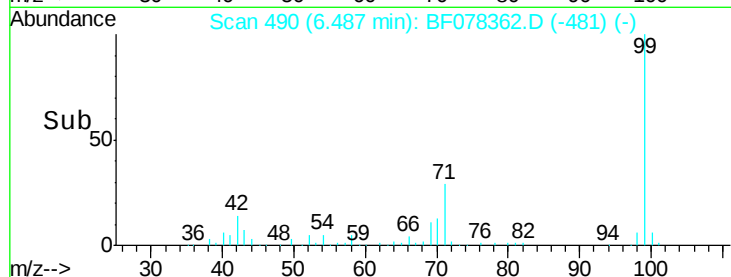
71 29.2 26.6 39.8



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: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF078362.D

Acq: 9 Apr 2015 16:57

Tgt Ion: 136 Resp: 175164

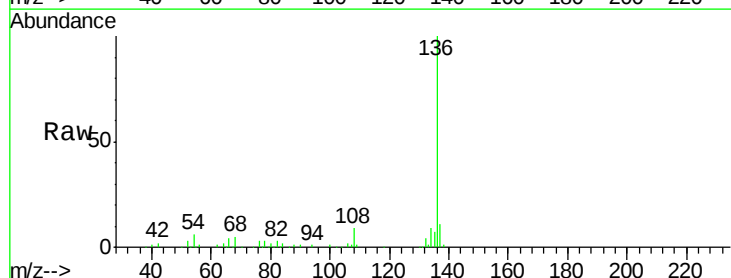
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.8 7.0 10.6#

68 4.6 5.4 8.2#

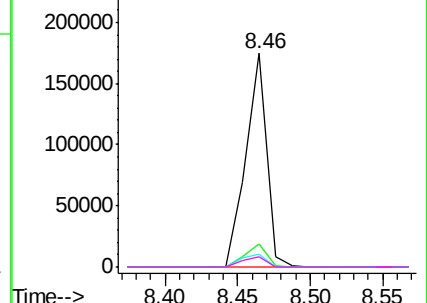
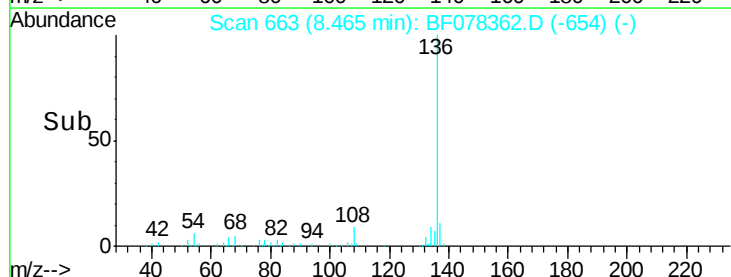


Abundance Ion 136.00 (135.70 to 136.70): E

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

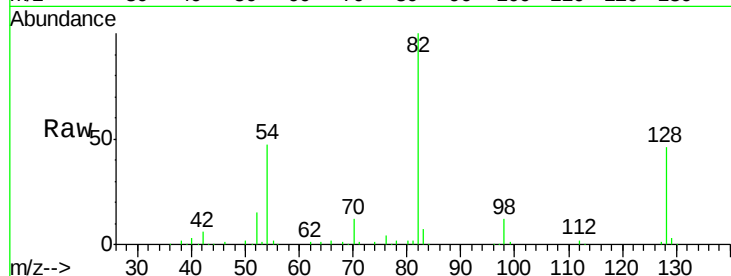




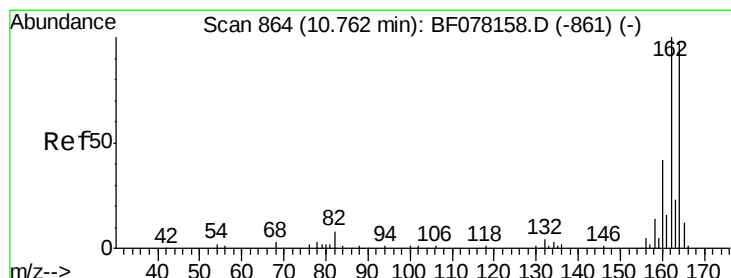
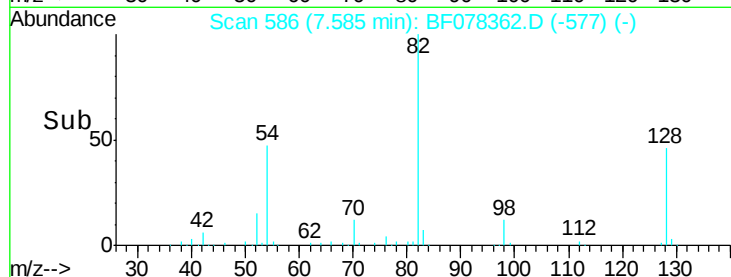
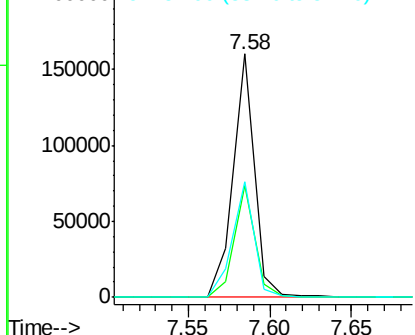
#23
 Nitrobenzene-d5
 Concen: 49.80 ng
 RT: 7.58 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF078362.D
 Acq: 9 Apr 2015 16:57

Instrument :
 BNA_F
 ClientSampled :
 SB14(2)

Tgt Ion: 82 Resp: 143929
 Ion Ratio Lower Upper
 82 100
 128 45.7 31.8 47.8
 54 47.3 41.5 62.3

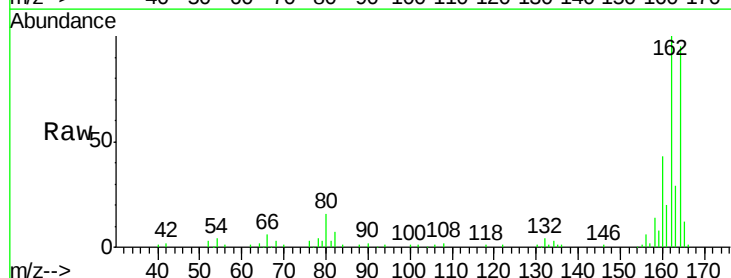


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

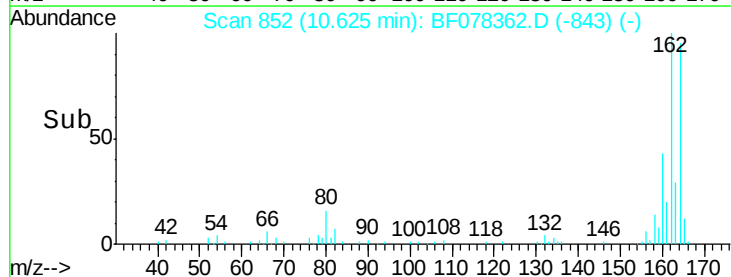
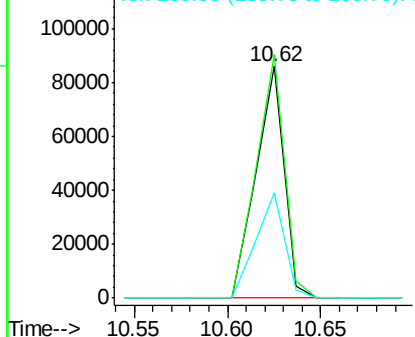


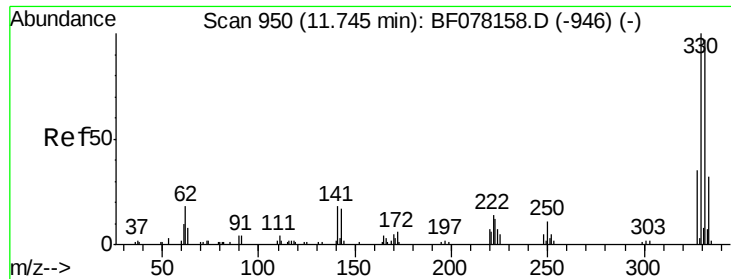
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.62 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF078362.D
 Acq: 9 Apr 2015 16:57

Tgt Ion: 164 Resp: 89290
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.2 123.2
 160 45.7 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

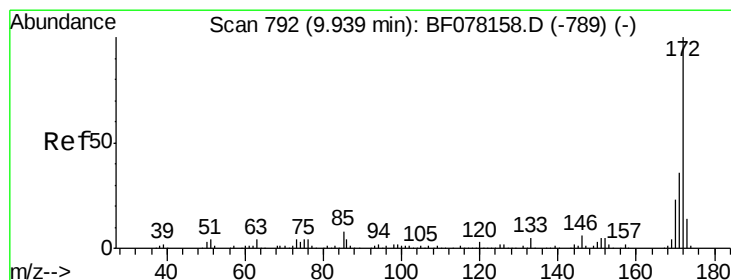
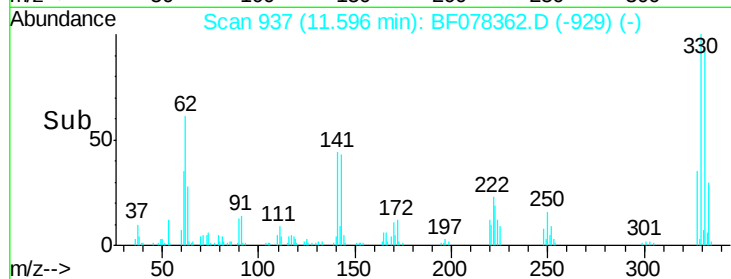
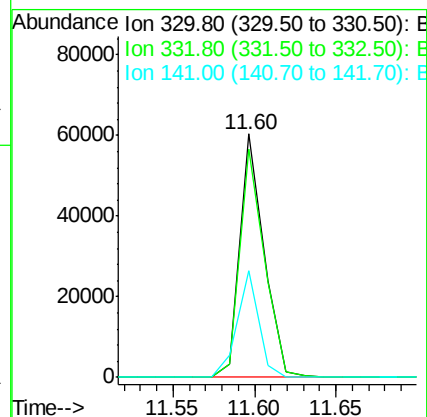
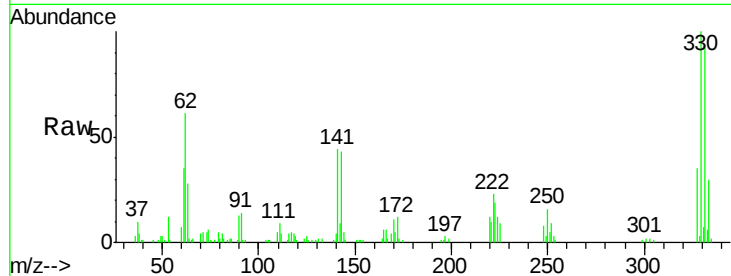




#41
 2,4,6-Tribromophenol
 Concen: 83.01 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF078362.D
 Acq: 9 Apr 2015 16:57

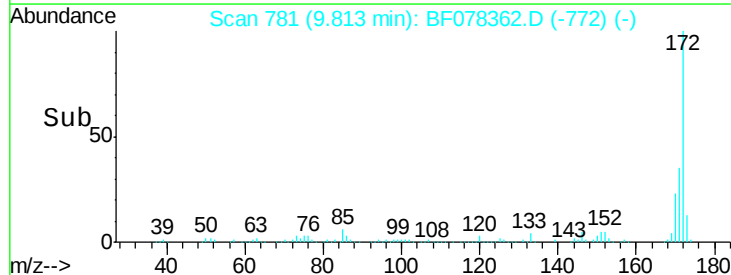
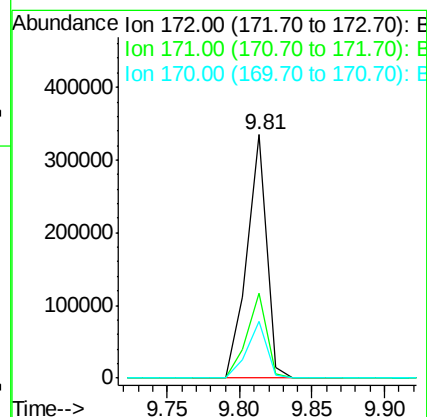
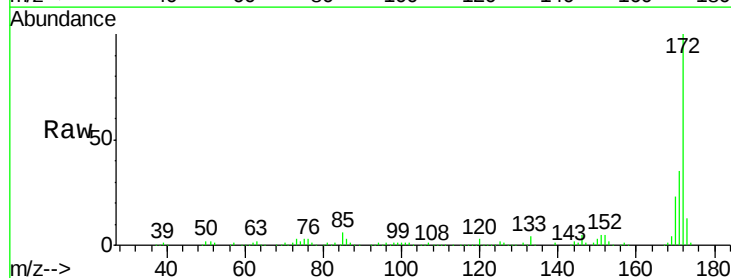
Instrument :
 BNA_F
 ClientSampleId :
 SB14(2)

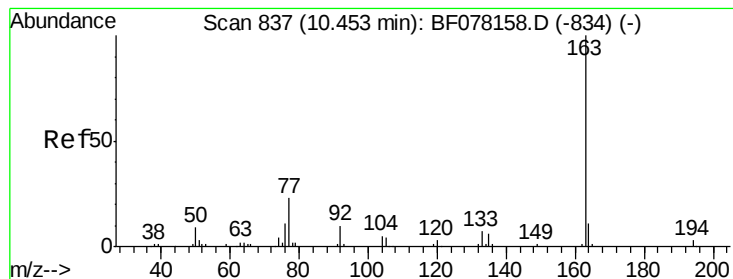
Tgt Ion:330 Resp: 61472
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.6 117.8
 141 39.1 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 50.94 ng
 RT: 9.81 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF078362.D
 Acq: 9 Apr 2015 16:57

Tgt Ion:172 Resp: 318213
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 42.8
 170 23.2 18.5 27.7





#49

Dimethylphthalate

Concen: 3.03 ng

RT: 10.33 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF078362.D

Acq: 9 Apr 2015 16:57

Instrument :

BNA_F

ClientSampleId :

SB14(2)

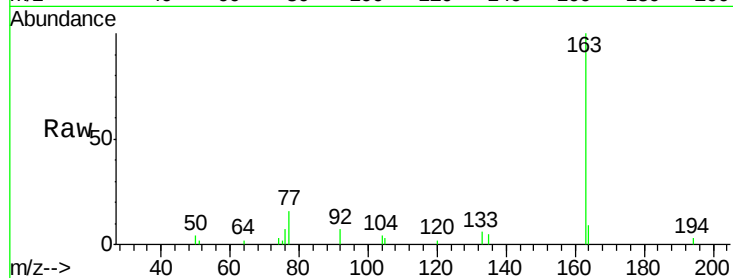
Tgt Ion: 163 Resp: 20333

Ion Ratio Lower Upper

163 100

194 3.0 2.3 3.5

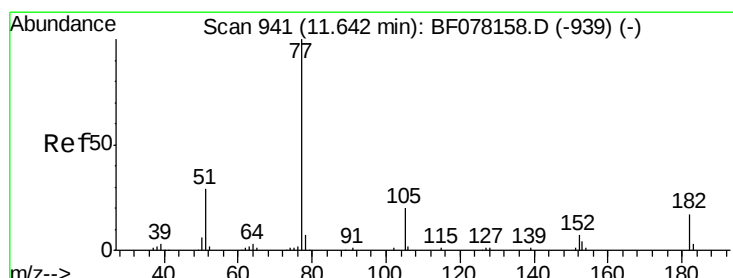
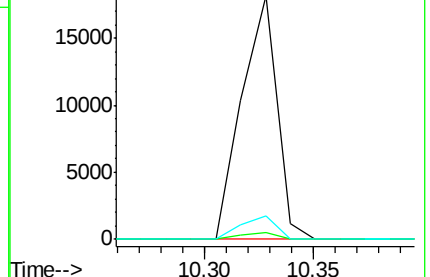
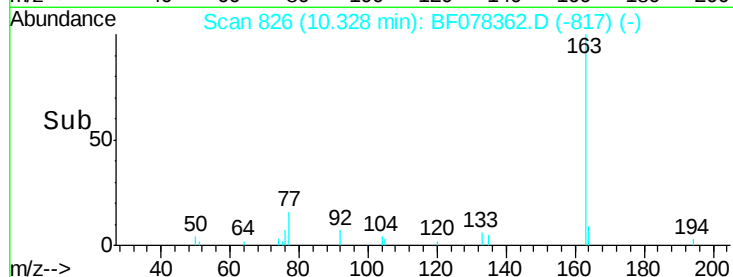
164 9.4 8.6 13.0



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: 2.17 ng

RT: 11.53 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF078362.D

Acq: 9 Apr 2015 16:57

Tgt Ion: 77 Resp: 12831

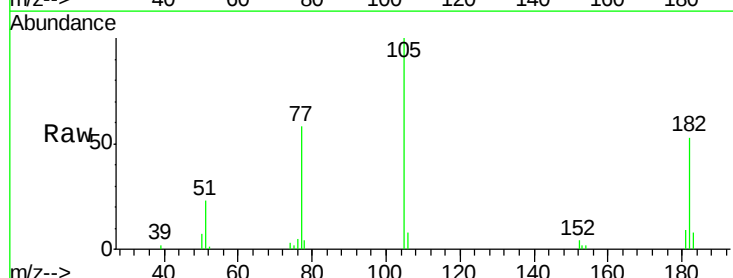
Ion Ratio Lower Upper

77 100

182 90.2 0.0 36.8#

105 171.3 0.3 40.3#

51 38.8 9.1 49.1

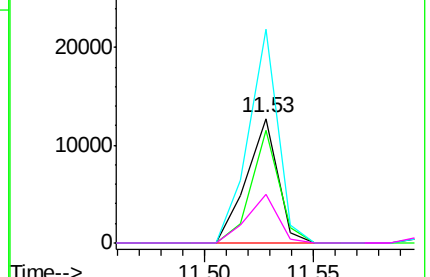
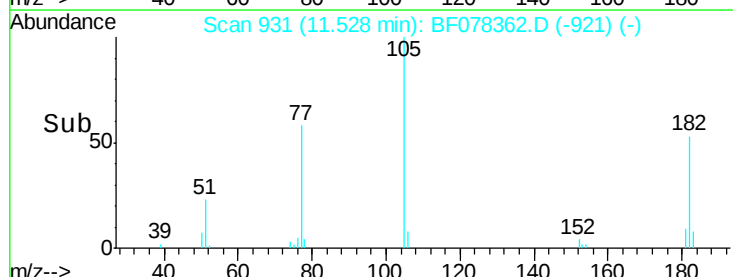


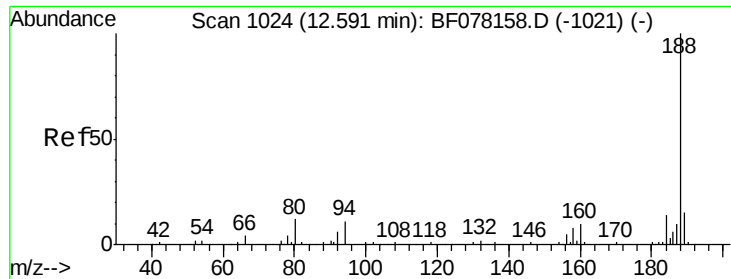
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

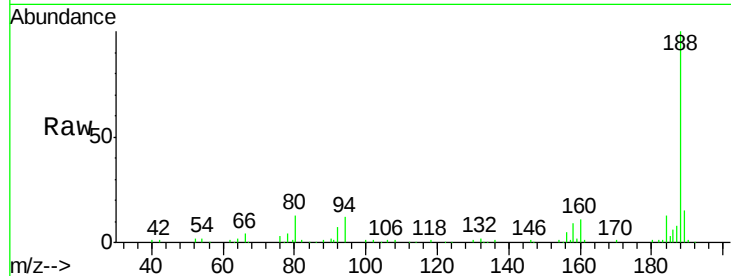




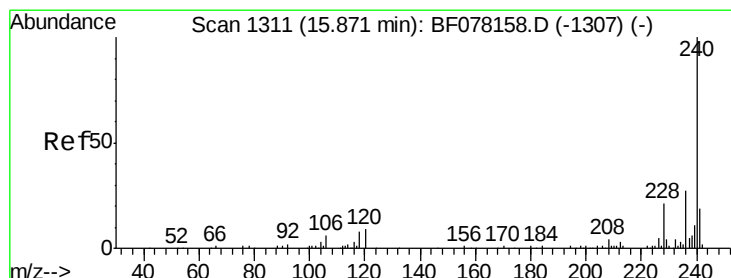
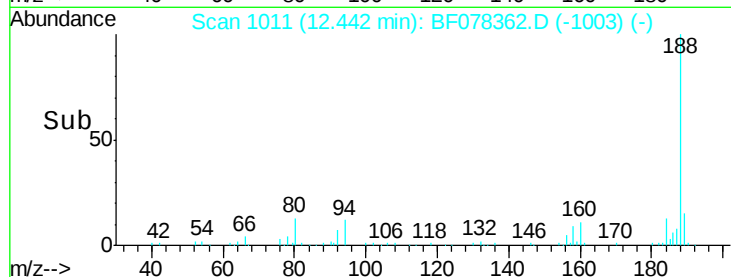
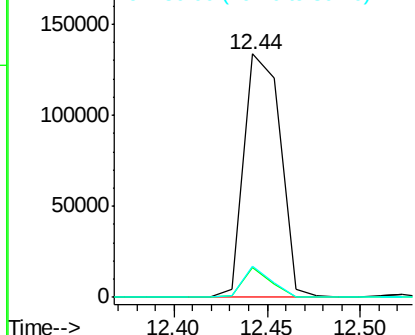
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.44 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF078362.D
Acq: 9 Apr 2015 16:57

Instrument :
BNA_F
ClientSampleId :
SB14(2)

Tgt Ion:188 Resp: 180489
Ion Ratio Lower Upper
188 100
94 12.2 9.0 13.4
80 12.9 9.5 14.3

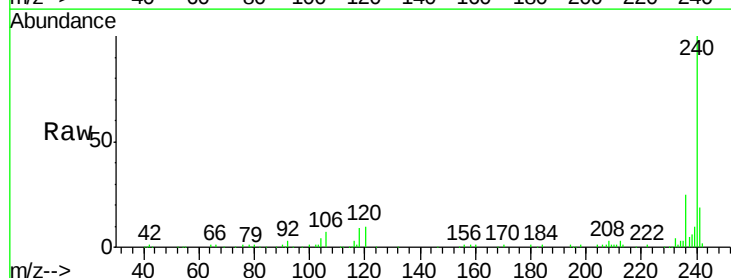


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

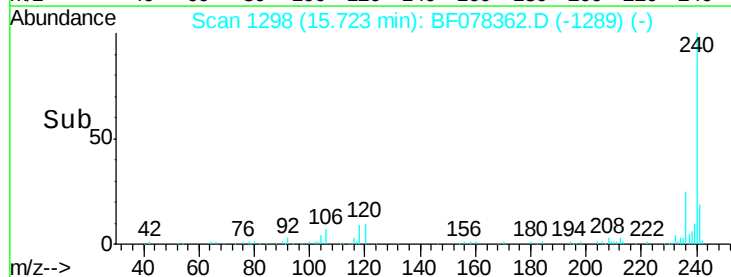
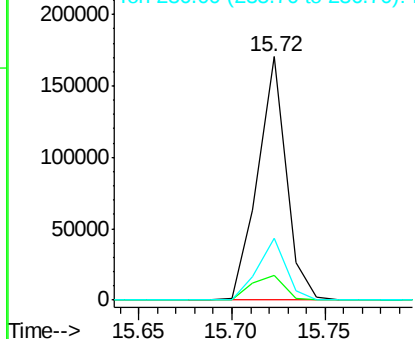


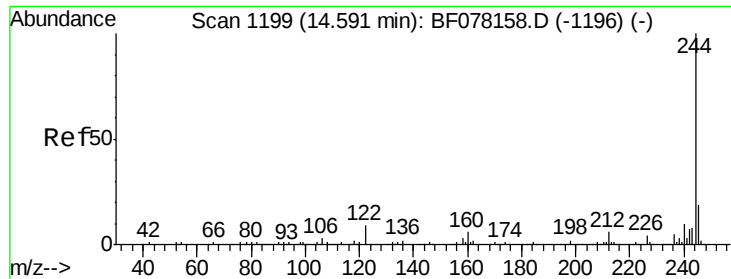
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF078362.D
Acq: 9 Apr 2015 16:57

Tgt Ion:240 Resp: 181269
Ion Ratio Lower Upper
240 100
120 10.2 7.1 10.7
236 25.3 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

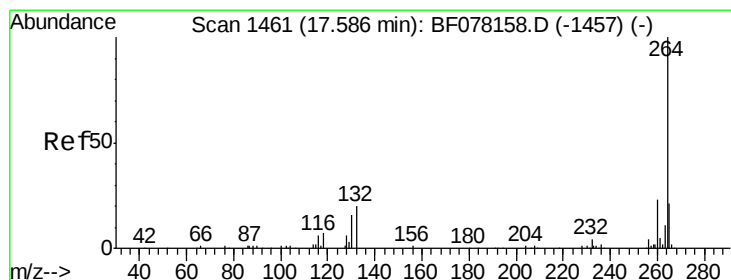
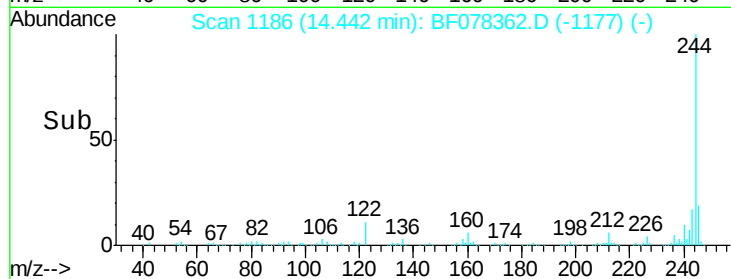
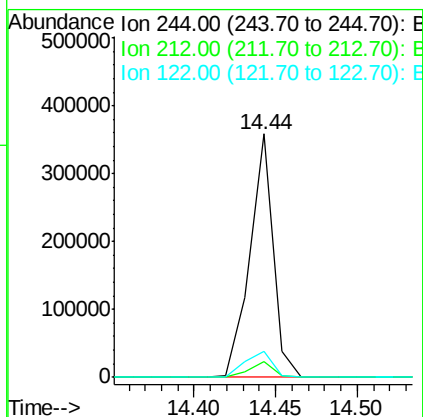
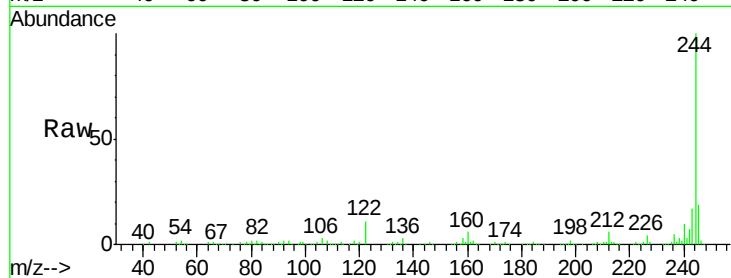




#78
 Terphenyl-d14
 Concen: 44.27 ng
 RT: 14.44 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF078362.D
 Acq: 9 Apr 2015 16:57

Instrument :
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 ClientSampleId :
 SB14(2)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.4
122	10.6	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.51 min Scan# 1454
 Delta R.T. 0.02 min
 Lab File: BF078362.D
 Acq: 9 Apr 2015 16:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.3	17.0	25.6

