

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078361.D
 Acq On : 9 Apr 2015 16:29
 Operator : TP/IZ
 Sample : G1782-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB14(1)

Quant Time: Apr 10 01:15:02 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	47404	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	198478	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	101207	20.00	ng	0.00
63) Phenanthrene-d10	12.45	188	200832	20.00	ng	0.00
75) Chrysene-d12	15.73	240	199940	20.00	ng	0.01
86) Perylene-d12	17.54	264	183136	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	93103	32.38	ng	0.00
7) Phenol-d6	6.48	99	137915	38.28	ng	-0.01
23) Nitrobenzene-d5	7.58	82	77405	23.64	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	36688	43.71	ng	-0.01
44) 2-Fluorobiphenyl	9.81	172	188498	26.62	ng	0.00
78) Terphenyl-d14	14.44	244	225601	25.50	ng	0.00

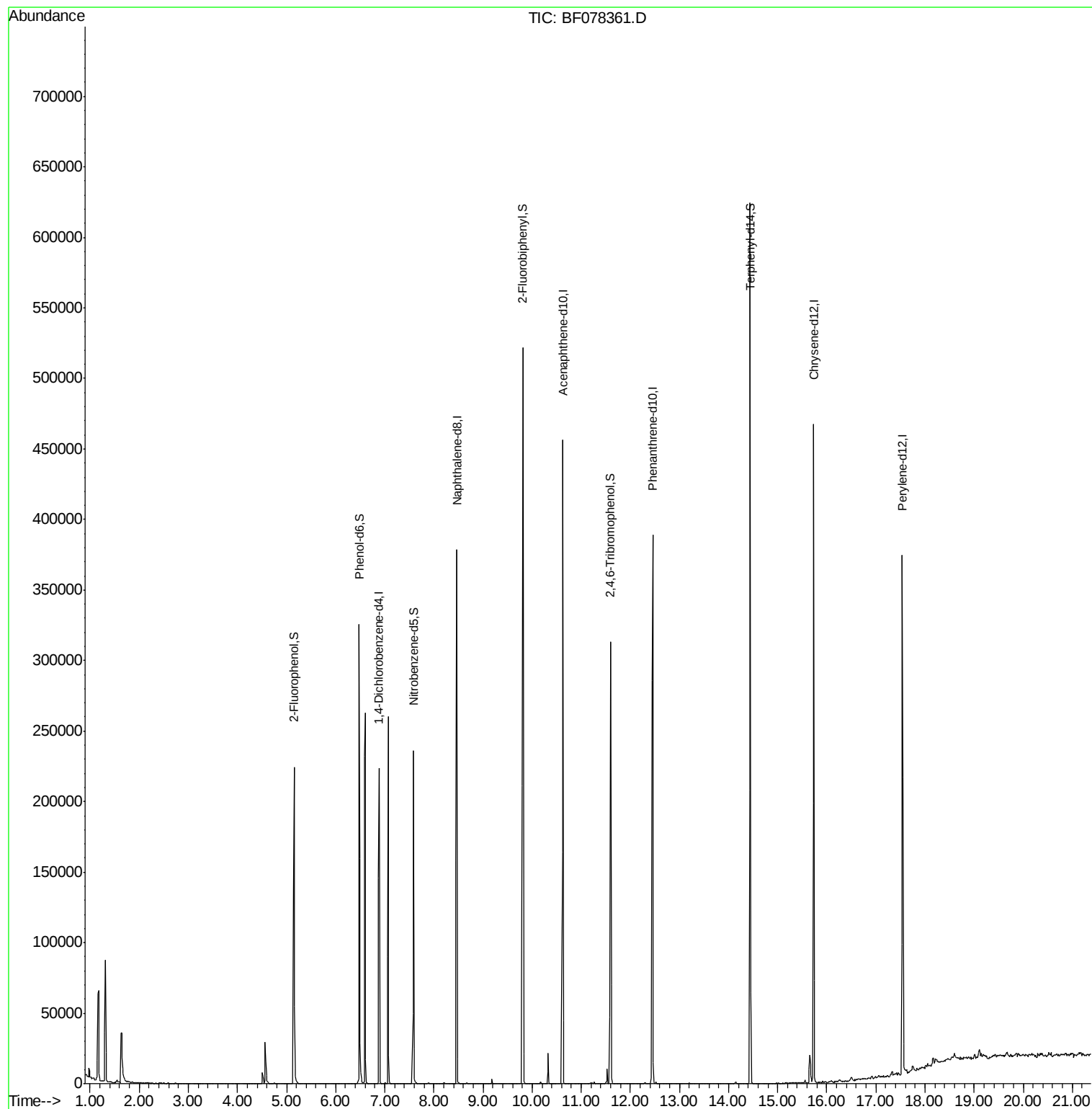
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF078361.D

Acq: 9 Apr 2015 16:29

Instrument :

BNA_F

ClientSampleId :

SB14(1)

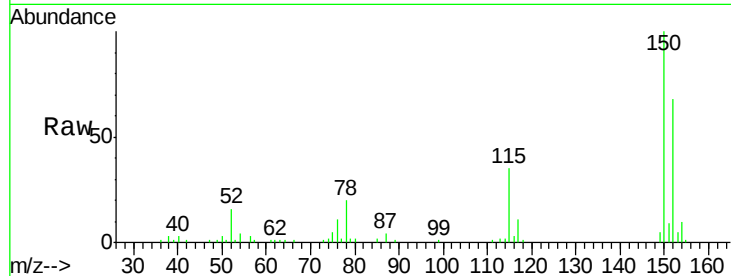
Tgt Ion:152 Resp: 47404

Ion Ratio Lower Upper

152 100

150 147.0 125.9 188.9

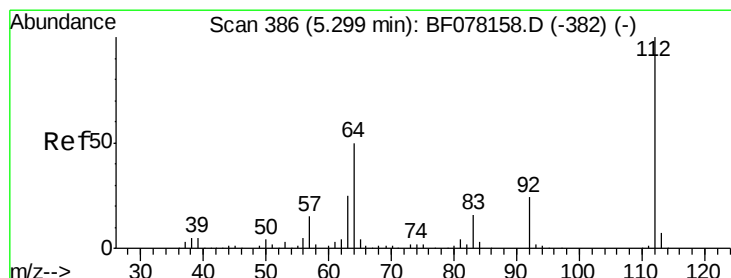
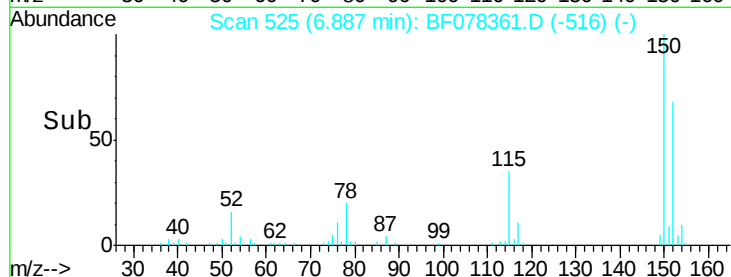
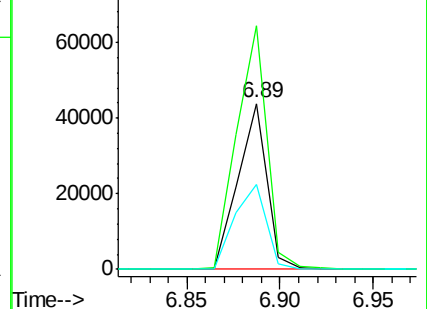
115 51.6 52.7 79.1#



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: 32.38 ng

RT: 5.15 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF078361.D

Acq: 9 Apr 2015 16:29

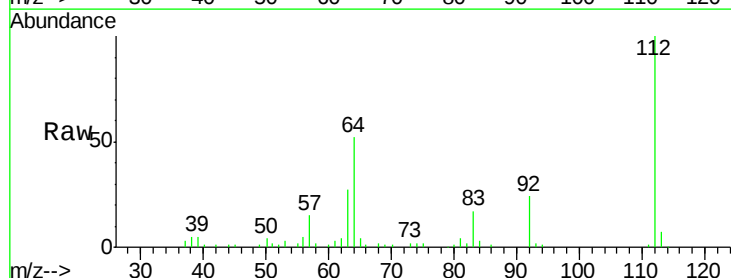
Tgt Ion:112 Resp: 93103

Ion Ratio Lower Upper

112 100

64 51.7 39.9 59.9

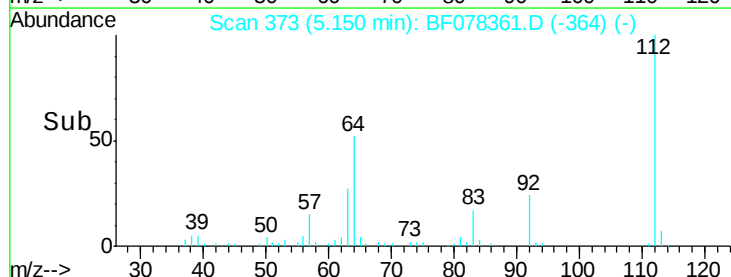
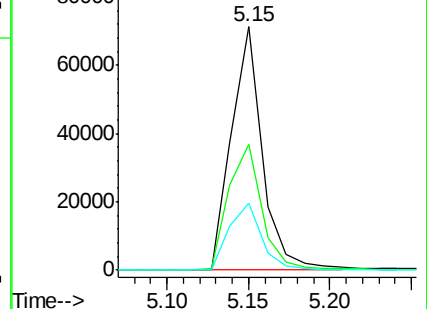
63 27.4 20.2 30.4

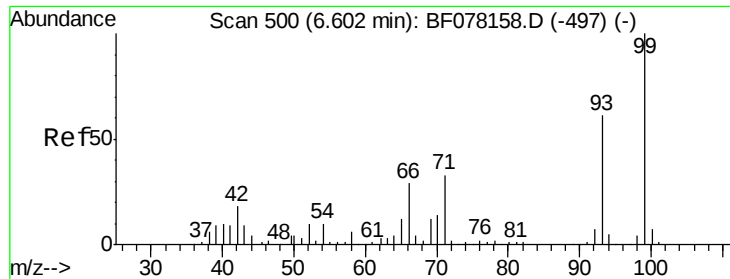


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.28 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF078361.D

Acq: 9 Apr 2015 16:29

Instrument :

BNA_F

ClientSampleId :

SB14(1)

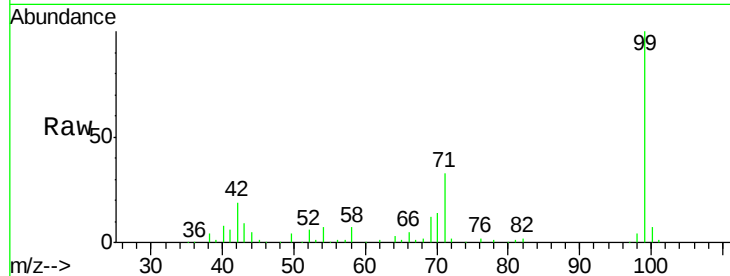
Tgt Ion: 99 Resp: 137915

Ion Ratio Lower Upper

99 100

42 19.0 14.8 22.2

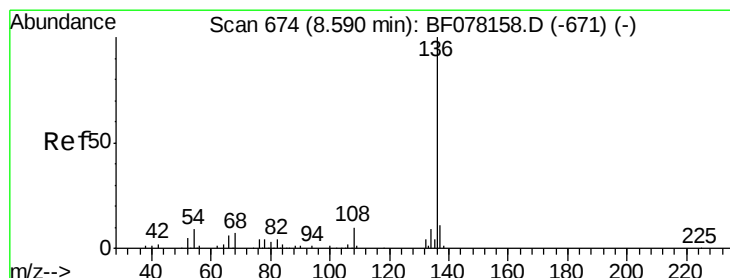
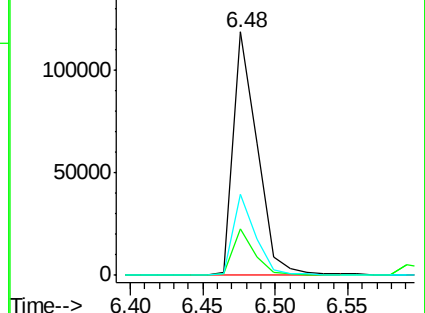
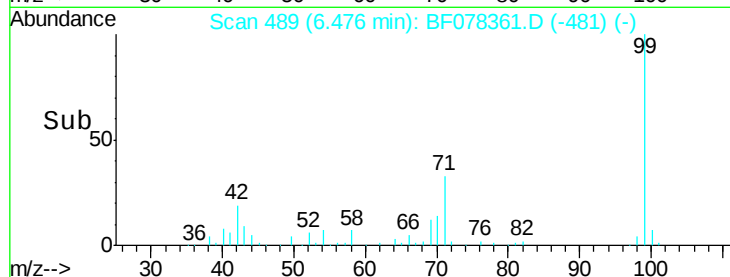
71 33.3 26.6 39.8



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: BF078361.D

Acq: 9 Apr 2015 16:29

Tgt Ion: 136 Resp: 198478

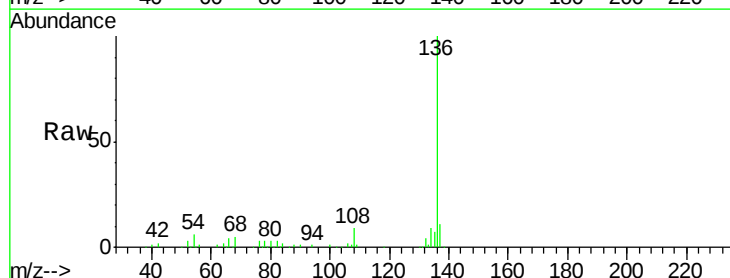
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.1 7.0 10.6#

68 4.9 5.4 8.2#

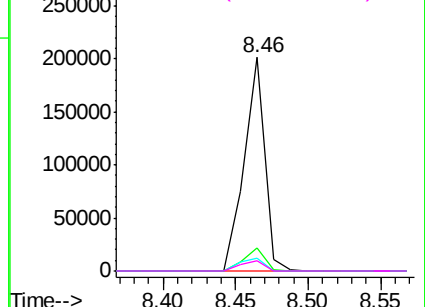
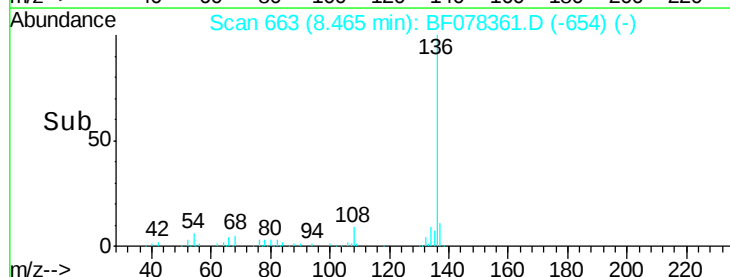


Abundance Ion 136.00 (135.70 to 136.70): E

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

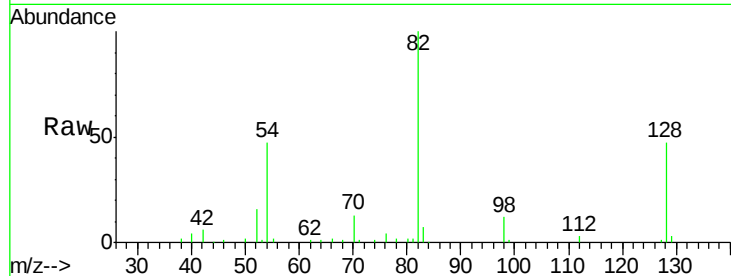




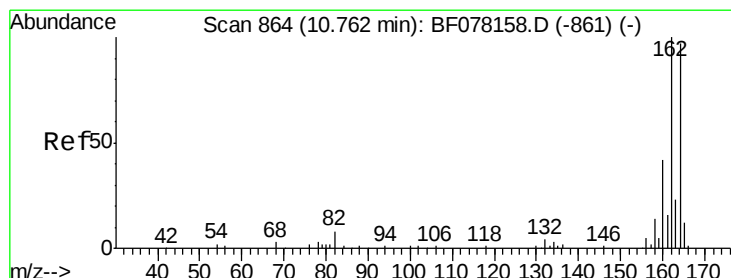
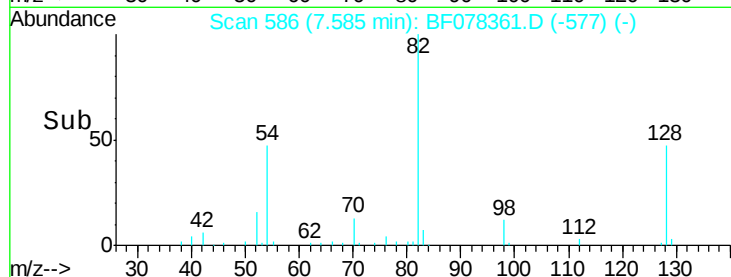
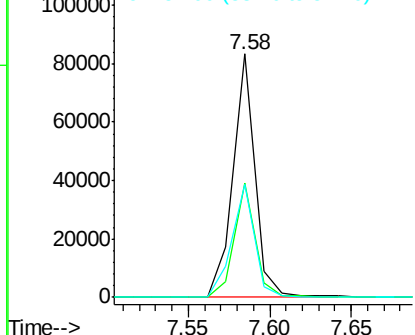
#23
 Nitrobenzene-d5
 Concen: 23.64 ng
 RT: 7.58 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF078361.D
 Acq: 9 Apr 2015 16:29

Instrument :
 BNA_F
 ClientSampled :
 SB14(1)

Tgt Ion: 82 Resp: 77405
 Ion Ratio Lower Upper
 82 100
 128 46.9 31.8 47.8
 54 46.7 41.5 62.3

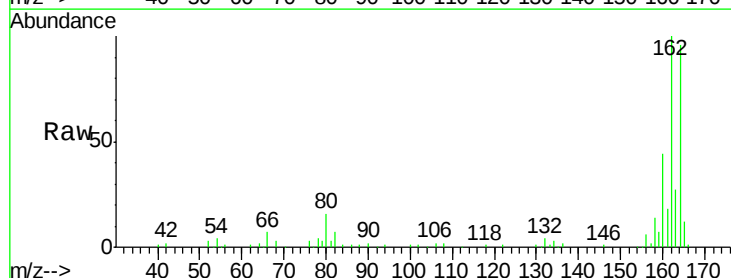


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

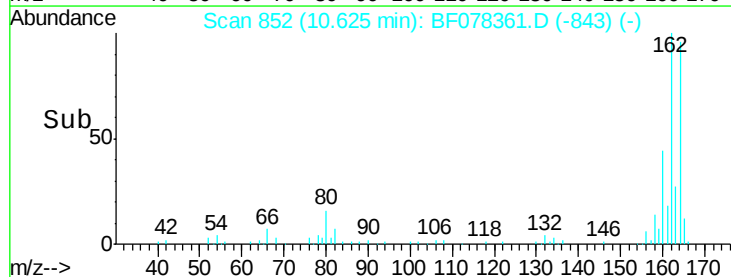
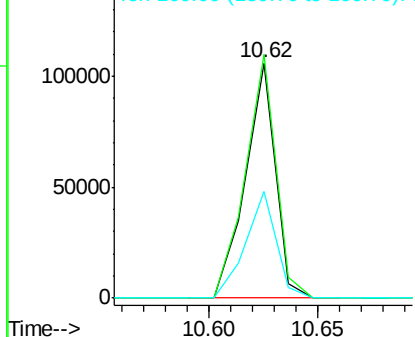


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.62 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF078361.D
 Acq: 9 Apr 2015 16:29

Tgt Ion: 164 Resp: 101207
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.2 123.2
 160 45.6 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

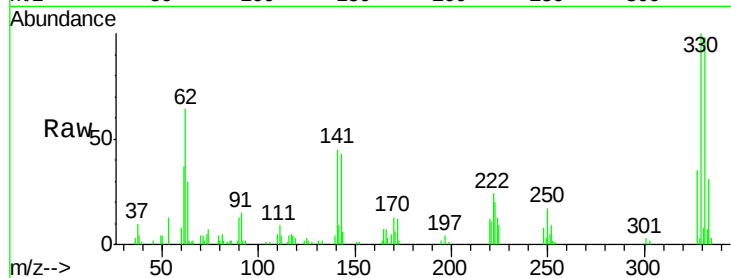




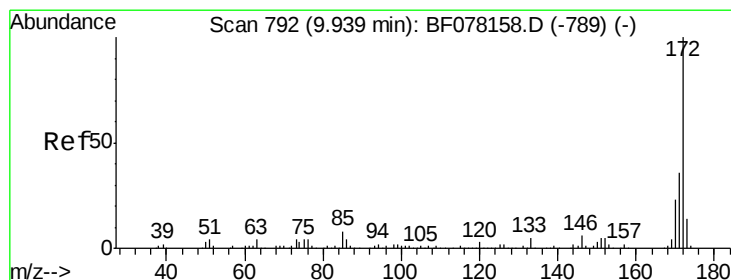
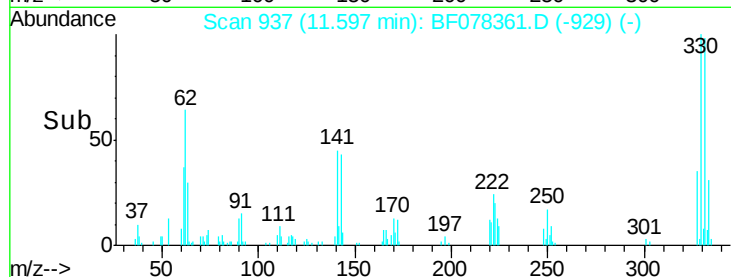
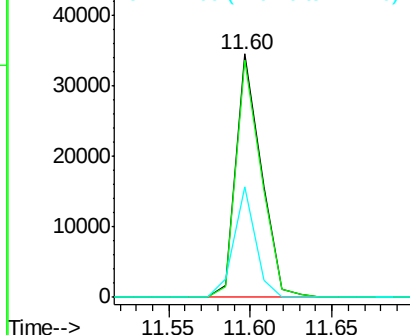
#41
 2,4,6-Tribromophenol
 Concen: 43.71 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF078361.D
 Acq: 9 Apr 2015 16:29

Instrument :
 BNA_F
 ClientSampleId :
 SB14(1)

Tgt Ion:330 Resp: 36688
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.6 117.8
 141 38.6 31.2 46.8

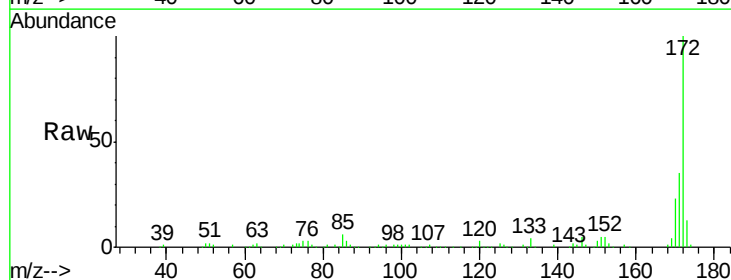


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

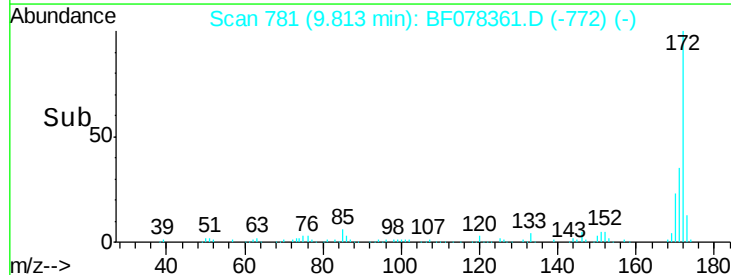
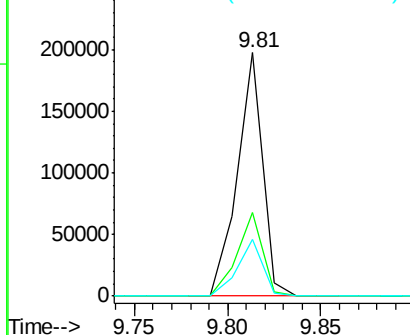


#44
 2-Fluorobiphenyl
 Concen: 26.62 ng
 RT: 9.81 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF078361.D
 Acq: 9 Apr 2015 16:29

Tgt Ion:172 Resp: 188498
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 42.8
 170 23.2 18.5 27.7



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

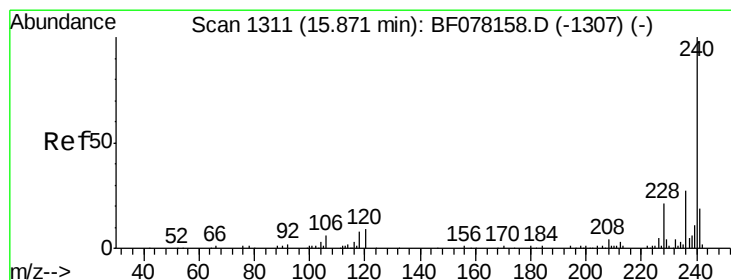
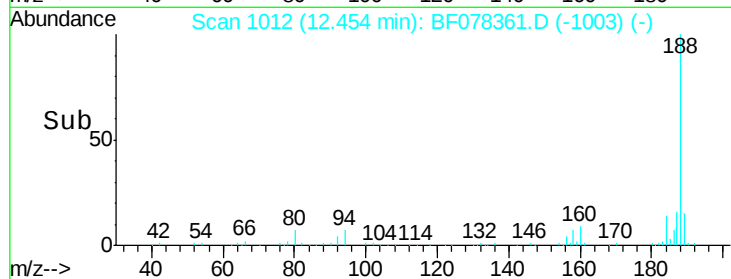
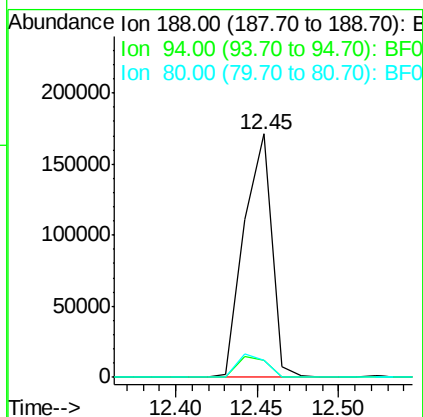
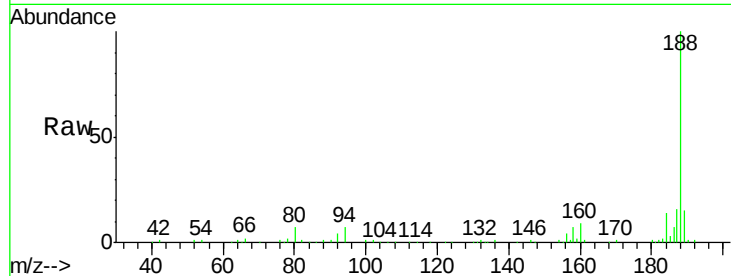




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.45 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF078361.D
Acq: 9 Apr 2015 16:29

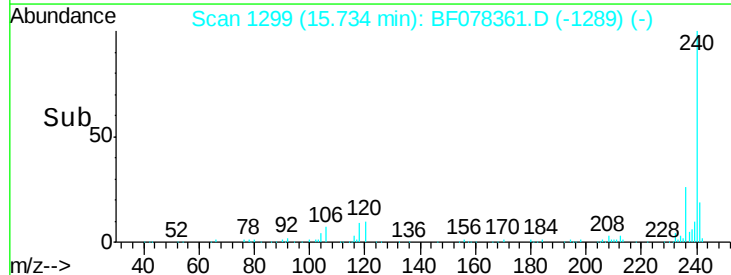
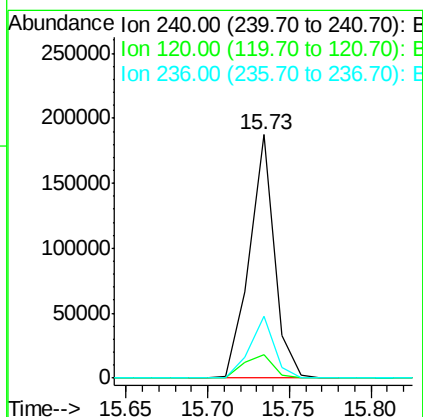
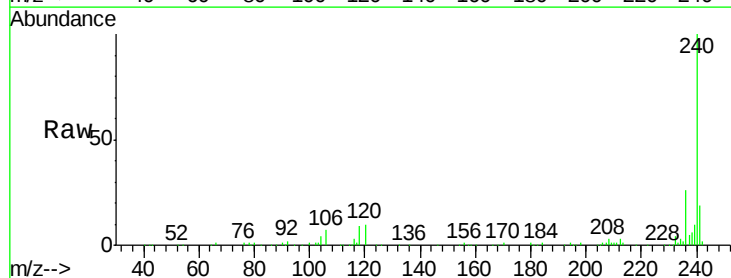
Instrument :
BNA_F
ClientSampleId :
SB14(1)

Tgt Ion:188 Resp: 200832
Ion Ratio Lower Upper
188 100
94 7.1 9.0 13.4#
80 7.2 9.5 14.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF078361.D
Acq: 9 Apr 2015 16:29

Tgt Ion:240 Resp: 199940
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 25.6 21.4 32.2





#78

Terphenyl-d14

Concen: 25.50 ng

RT: 14.44 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF078361.D

Acq: 9 Apr 2015 16:29

Instrument :

BNA_F

ClientSampleId :

SB14(1)

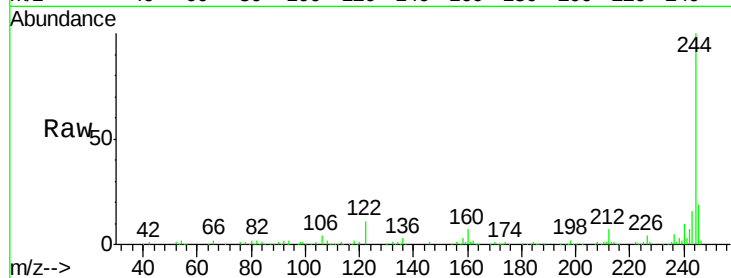
Tgt Ion:244 Resp: 225601

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

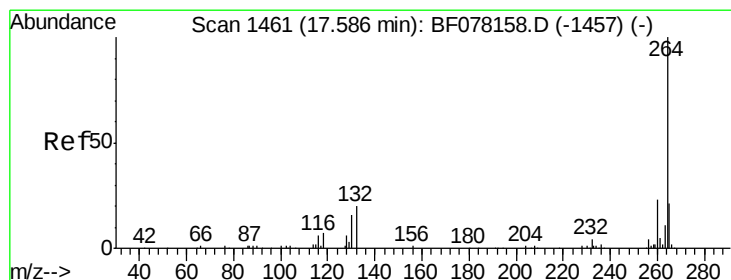
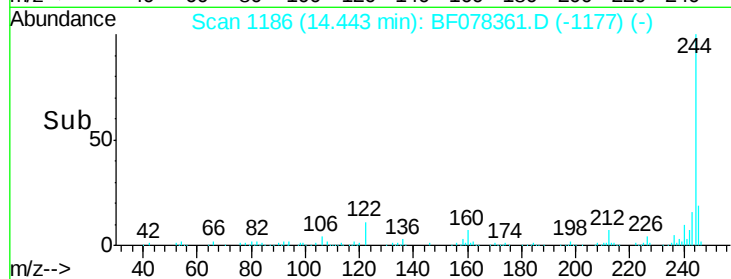
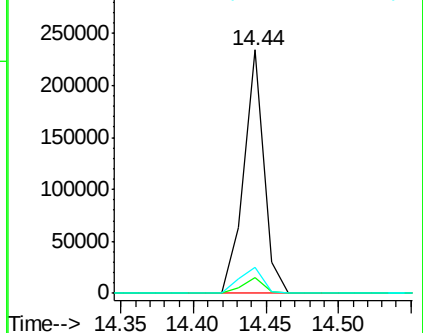
122 10.8 7.1 10.7#



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: 17.54 min Scan# 1457

Delta R.T. 0.06 min

Lab File: BF078361.D

Acq: 9 Apr 2015 16:29

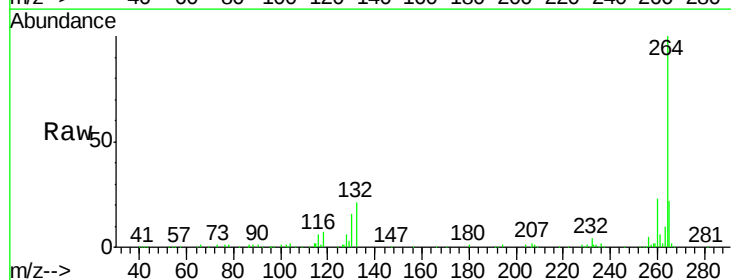
Tgt Ion:264 Resp: 183136

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.5 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

