

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079936.D
 Acq On : 12 Jun 2015 15:23
 Operator : TP/IZ
 Sample : PB83970BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BL

Quant Time: Jun 12 23:18:32 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 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	53686	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	213299	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	114718	20.00	ng	0.00
63) Phenanthrene-d10	11.98	188	238840	20.00	ng	0.00
75) Chrysene-d12	15.13	240	258186	20.00	ng	-0.01
86) Perylene-d12	17.12	264	247315	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	363348	124.10	ng	0.00
7) Phenol-d6	6.98	99	473395	118.68	ng	0.01
23) Nitrobenzene-d5	7.93	82	253737	78.49	ng	0.00
41) 2,4,6-Tribromophenol	11.24	330	122795	106.82	ng	0.00
44) 2-Fluorobiphenyl	9.75	172	626310	76.45	ng	0.00
78) Terphenyl-d14	13.77	244	799176	71.36	ng	0.00

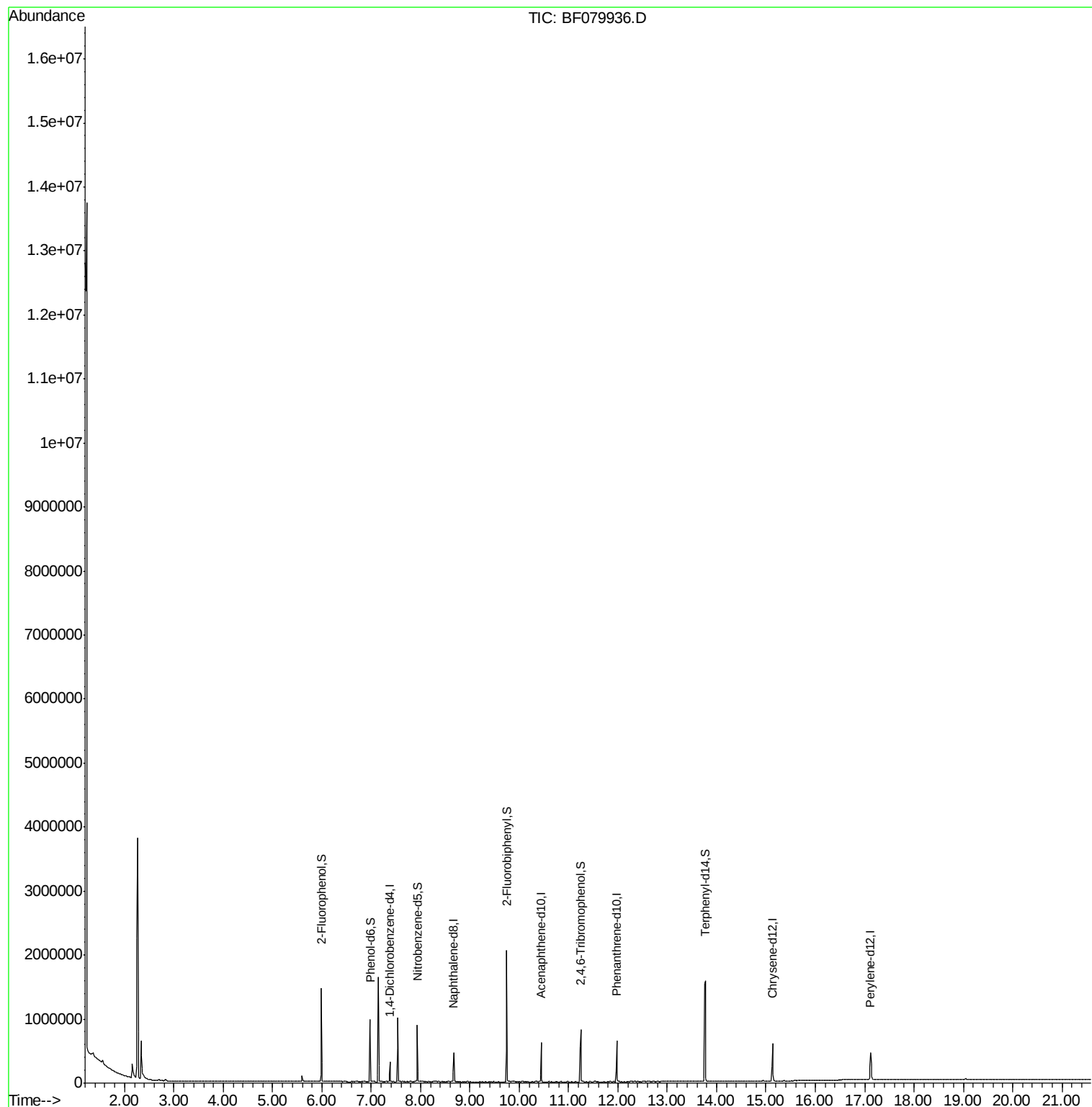
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF079936.D

Acq: 12 Jun 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB83970BL

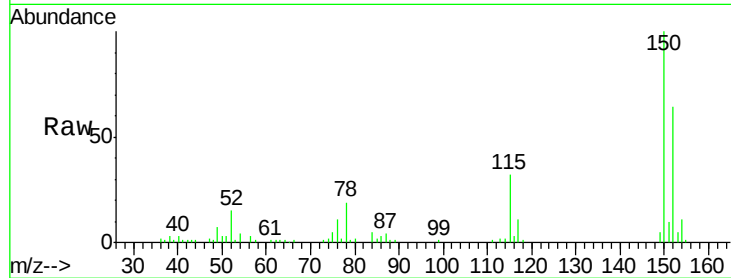
Tgt Ion:152 Resp: 53686

Ion Ratio Lower Upper

152 100

150 156.6 131.0 196.4

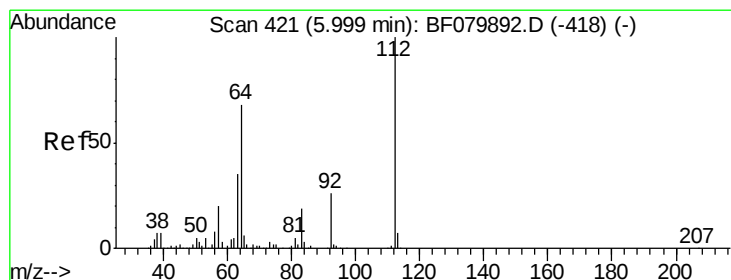
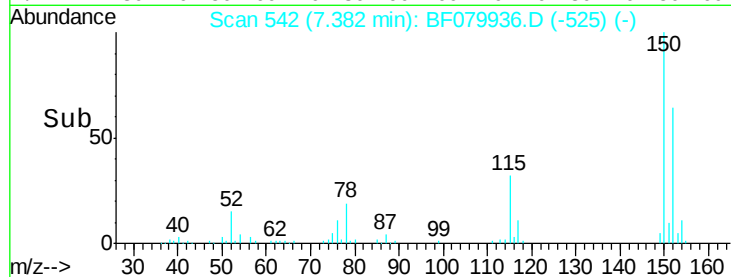
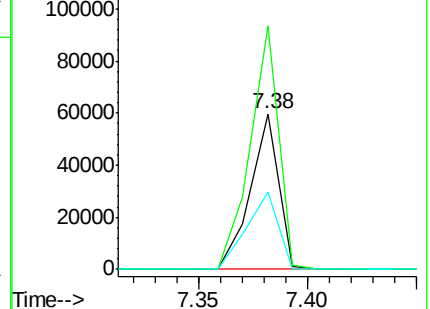
115 49.7 49.8 74.6#



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: 124.10 ng

RT: 5.99 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF079936.D

Acq: 12 Jun 2015 15:23

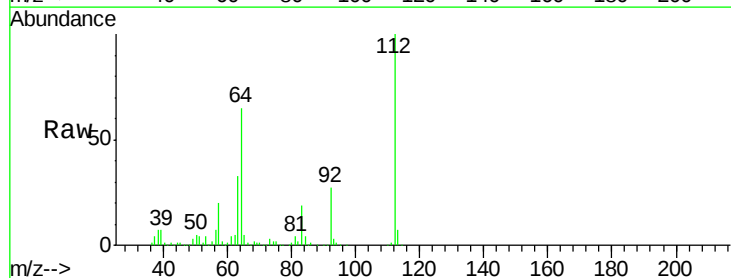
Tgt Ion:112 Resp: 363348

Ion Ratio Lower Upper

112 100

64 65.3 54.5 81.7

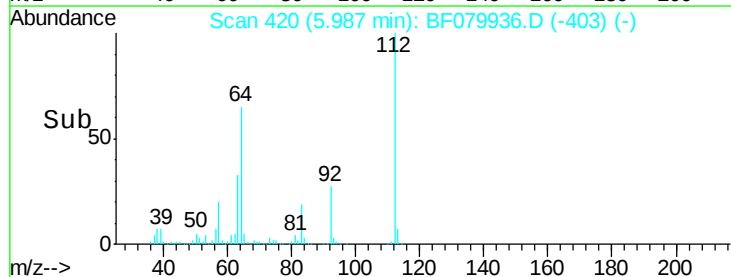
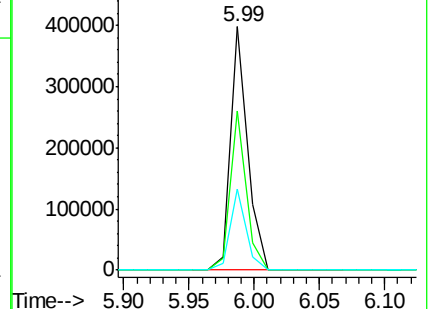
63 33.4 27.9 41.9



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: 118.68 ng

RT: 6.98 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF079936.D

Acq: 12 Jun 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB83970BL

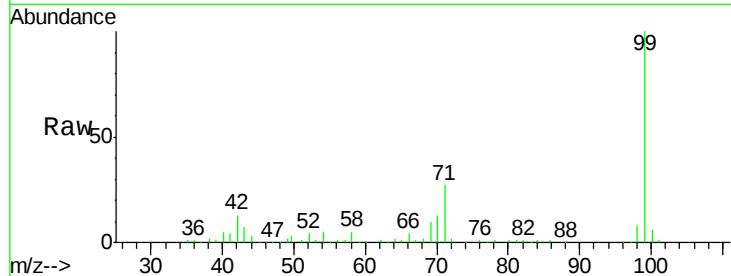
Tgt Ion: 99 Resp: 473395

Ion Ratio Lower Upper

99 100

42 12.7 12.9 19.3#

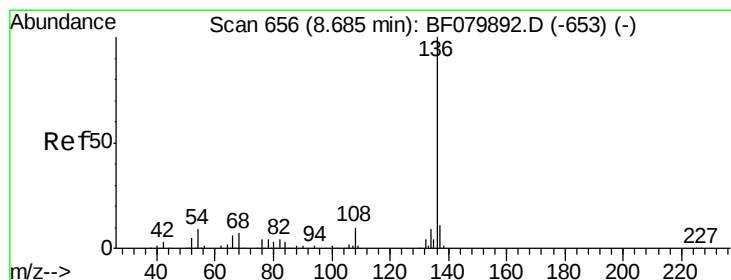
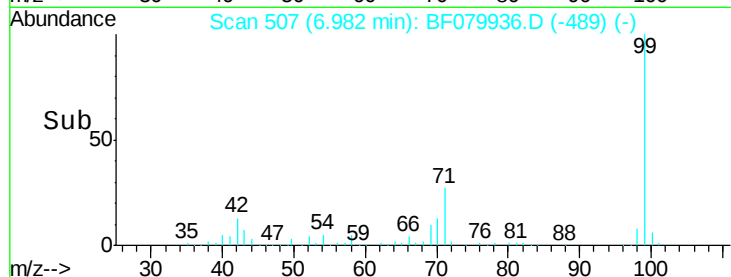
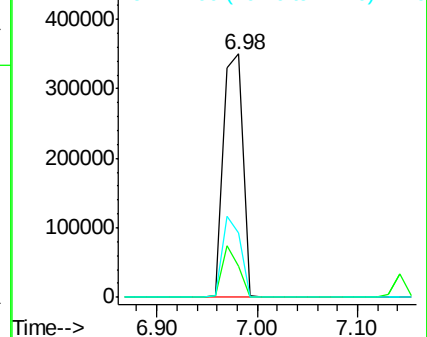
71 26.7 23.4 35.2



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: 8.67 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF079936.D

Acq: 12 Jun 2015 15:23

Tgt Ion: 136 Resp: 213299

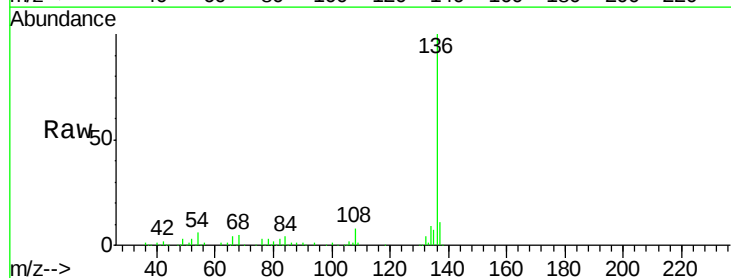
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.3 7.3 10.9#

68 5.1 5.9 8.9#

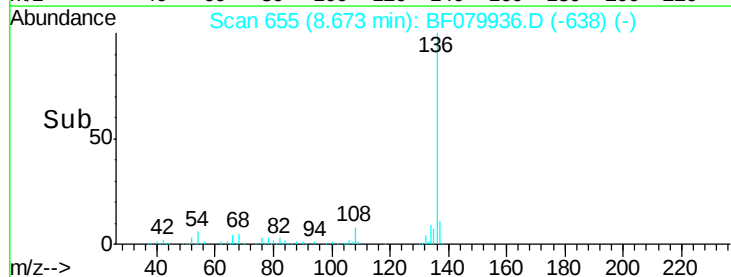
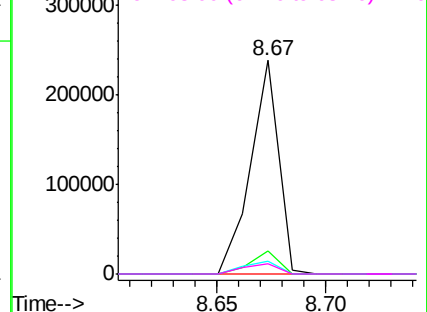


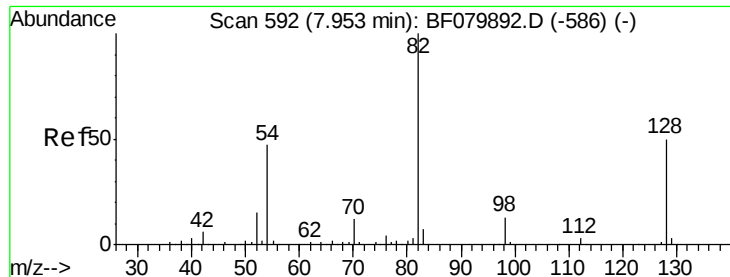
Abundance Ion 136.00 (135.70 to 136.70): E

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

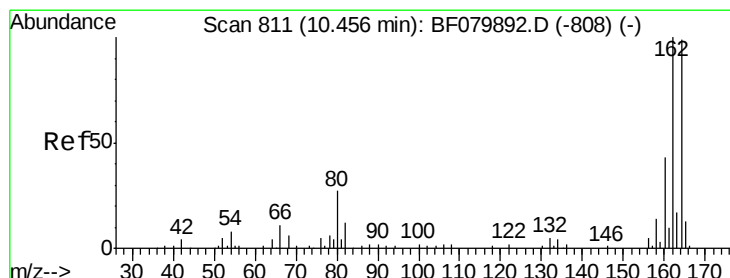
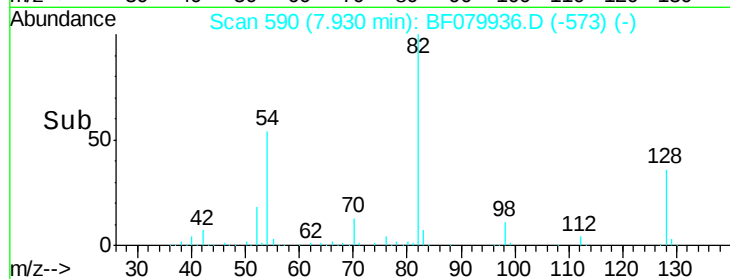
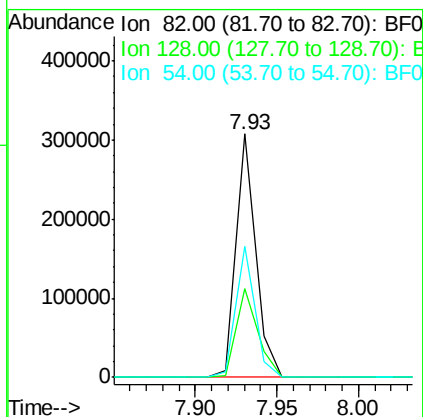
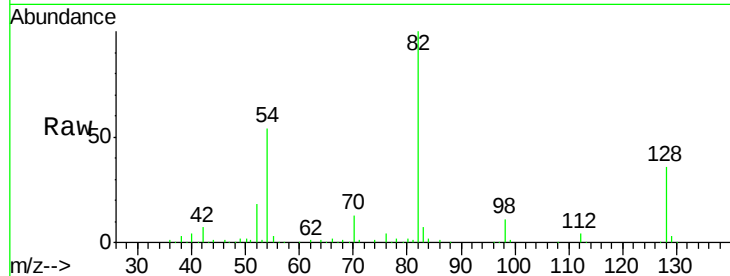




#23
 Nitrobenzene-d5
 Concen: 78.49 ng
 RT: 7.93 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF079936.D
 Acq: 12 Jun 2015 15:23

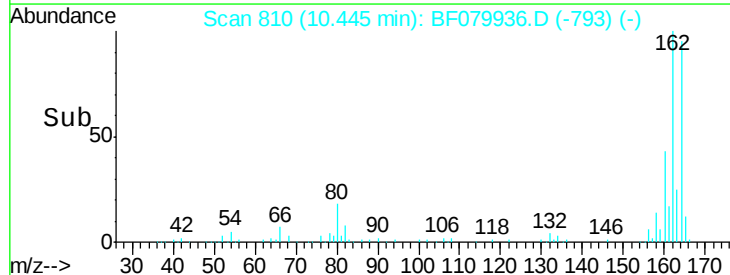
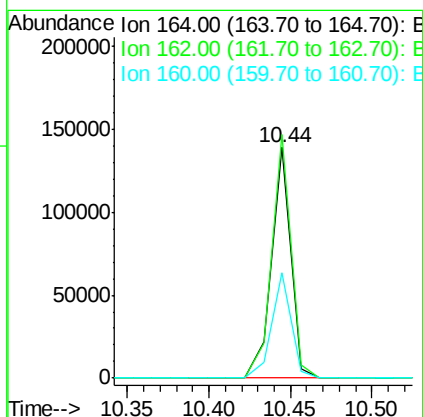
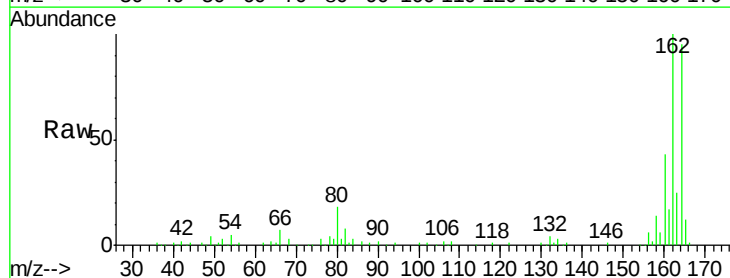
Instrument :
 BNA_F
 ClientSampleId :
 PB83970BL

Tgt Ion: 82 Resp: 253737
 Ion Ratio Lower Upper
 82 100
 128 36.3 40.3 60.5#
 54 53.9 38.0 57.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF079936.D
 Acq: 12 Jun 2015 15:23

Tgt Ion: 164 Resp: 114718
 Ion Ratio Lower Upper
 164 100
 162 105.6 80.7 121.1
 160 45.5 34.6 51.8

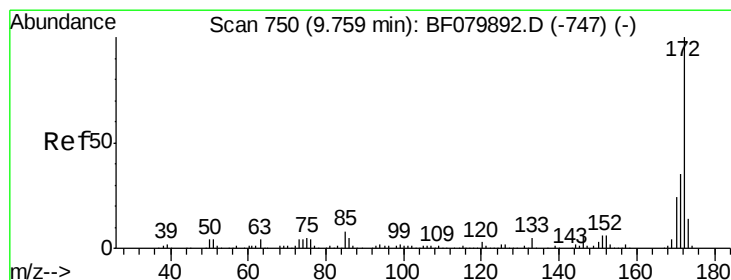
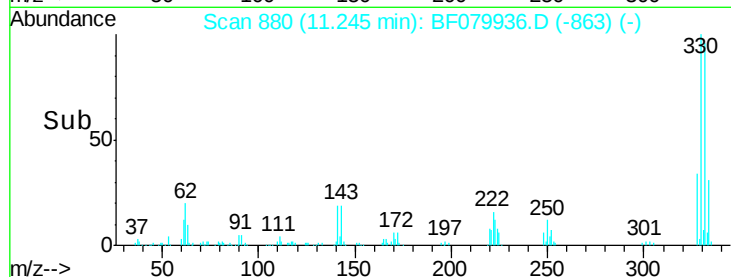
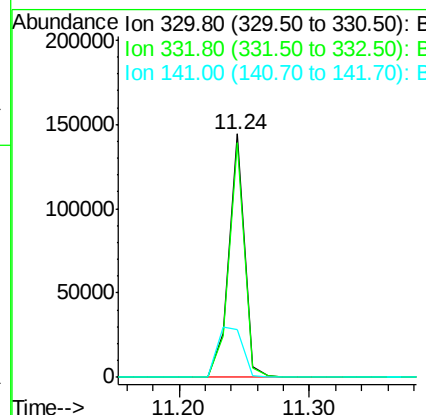
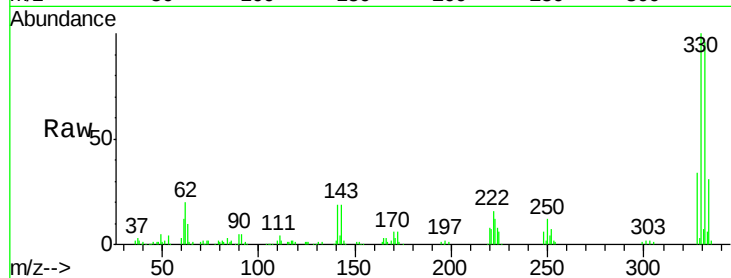




#41
 2,4,6-Tribromophenol
 Concen: 106.82 ng
 RT: 11.24 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF079936.D
 Acq: 12 Jun 2015 15:23

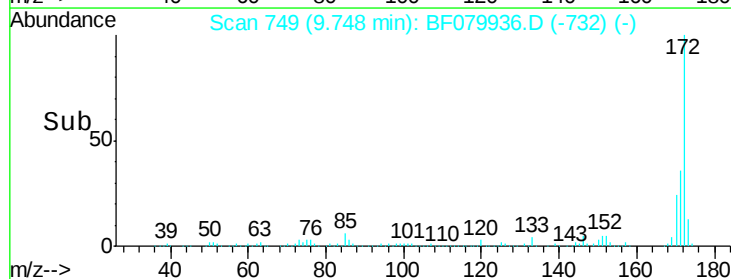
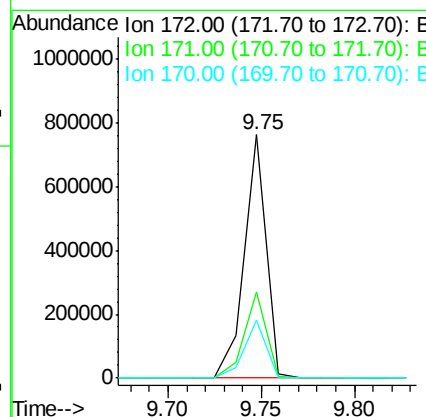
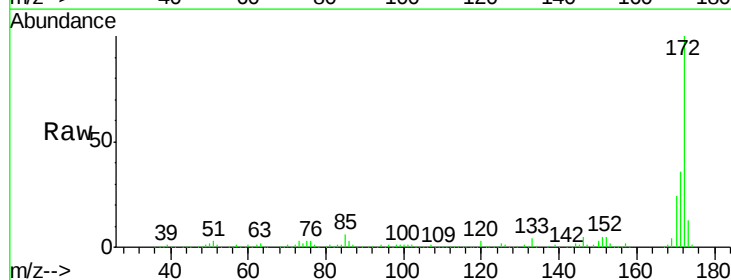
Instrument :
 BNA_F
 ClientSampleId :
 PB83970BL

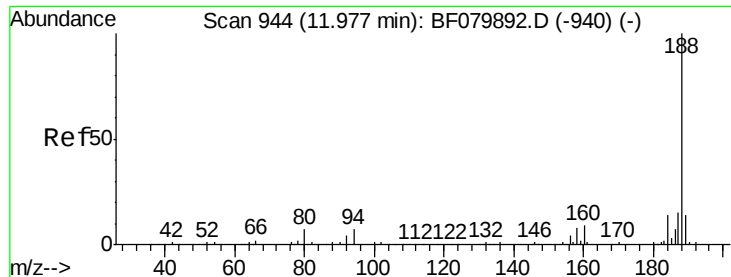
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	33.1	26.8	40.2



#44
 2-Fluorobiphenyl
 Concen: 76.45 ng
 RT: 9.75 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF079936.D
 Acq: 12 Jun 2015 15:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.7	19.0	28.4

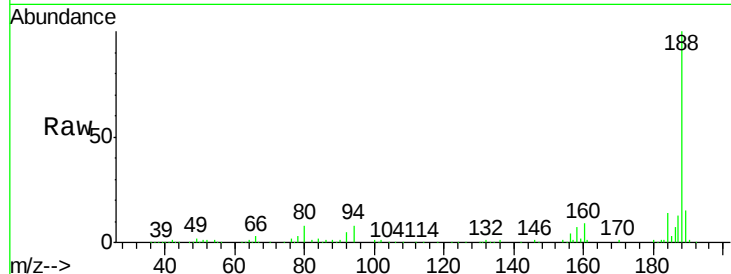




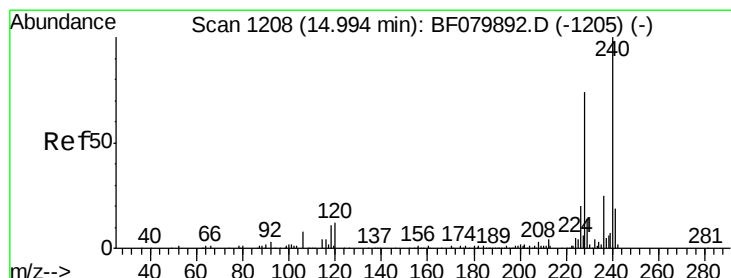
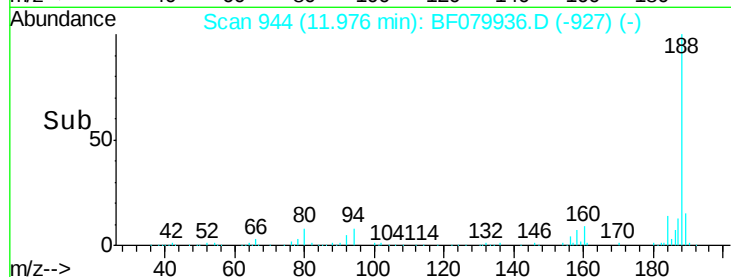
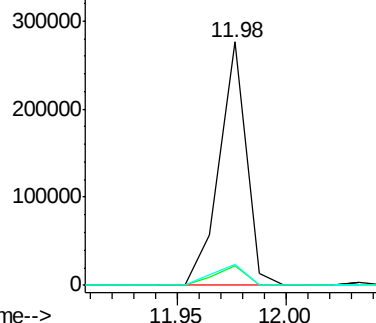
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.98 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF079936.D
Acq: 12 Jun 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83970BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.8	8.8
80	8.4	5.9	8.9

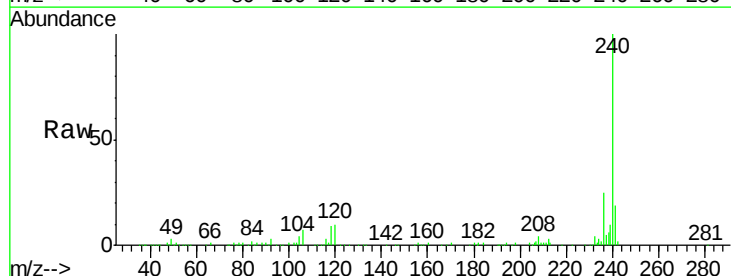


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

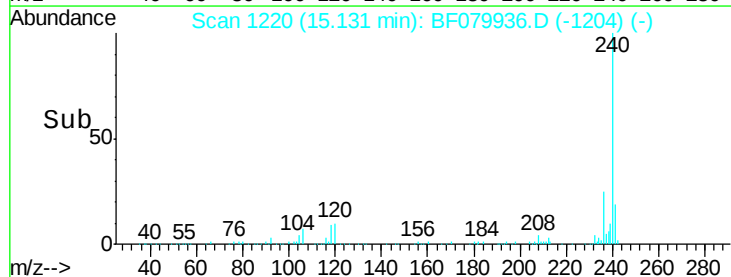
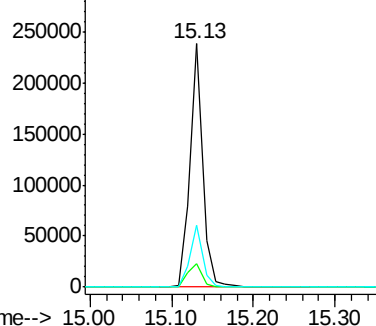


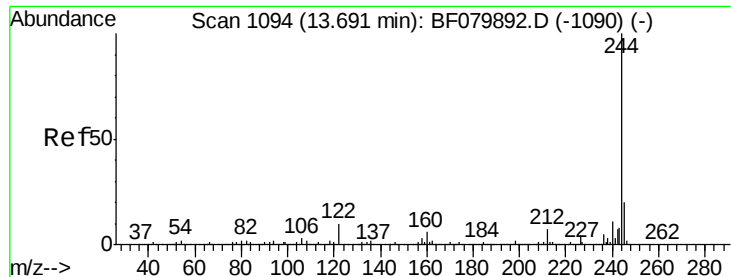
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF079936.D
Acq: 12 Jun 2015 15:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.4	14.2
236	25.4	19.6	29.4



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: 71.36 ng

RT: 13.77 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BF079936.D

Acq: 12 Jun 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB83970BL

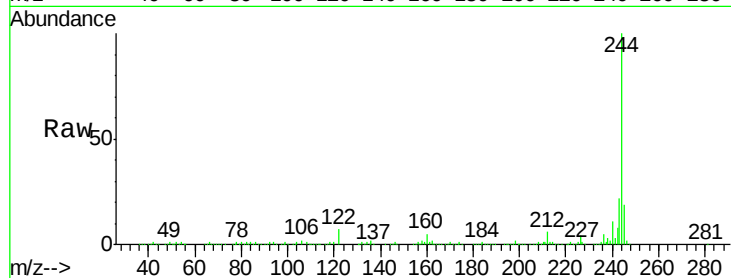
Tgt Ion:244 Resp: 799176

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

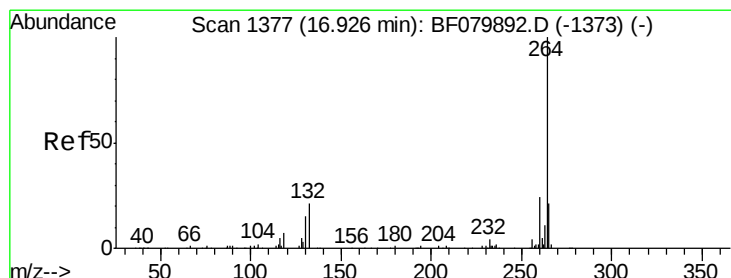
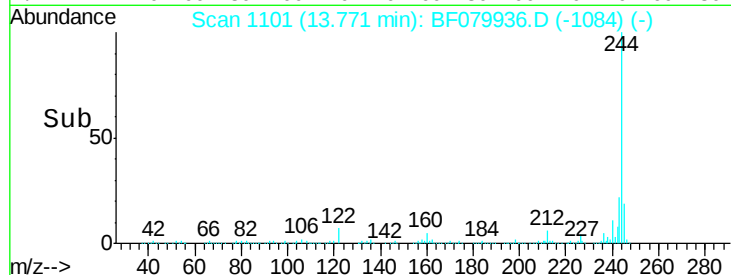
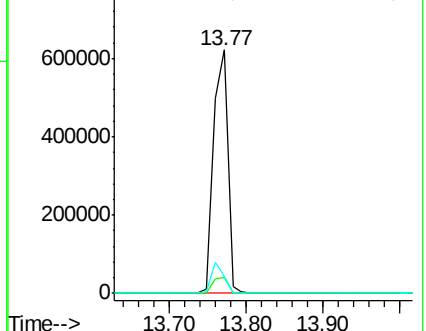
122 7.0 7.8 11.8#



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: 17.12 min Scan# 1394

Delta R.T. 0.02 min

Lab File: BF079936.D

Acq: 12 Jun 2015 15:23

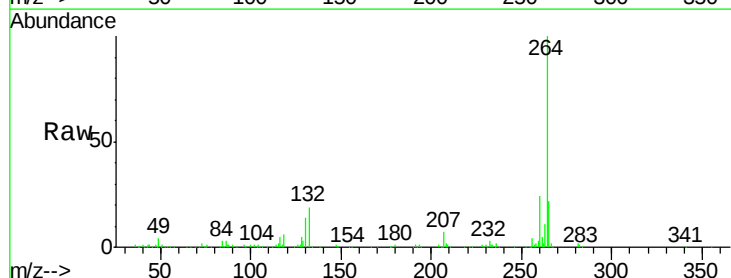
Tgt Ion:264 Resp: 247315

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 22.0 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

