

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079204.D
 Acq On : 13 May 2015 20:15
 Operator : TP/IZ
 Sample : G2211-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1504303044-45-46-COMPOSITE

Quant Time: May 14 07:21:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 00:58:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	53483	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	214856	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	106093	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	199357	20.00	ng	0.00
75) Chrysene-d12	16.19	240	217281	20.00	ng	0.03
86) Perylene-d12	18.14	264	239456	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	2716	0.87	ng	0.00
7) Phenol-d6	6.80	99	8386	2.04	ng	0.00
23) Nitrobenzene-d5	7.92	82	8230	2.20	ng	-0.01
41) 2,4,6-Tribromophenol	11.97	330	416	0.36	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	12307	1.62	ng	0.00
78) Terphenyl-d14	14.83	244	21131	2.33	ng	0.01

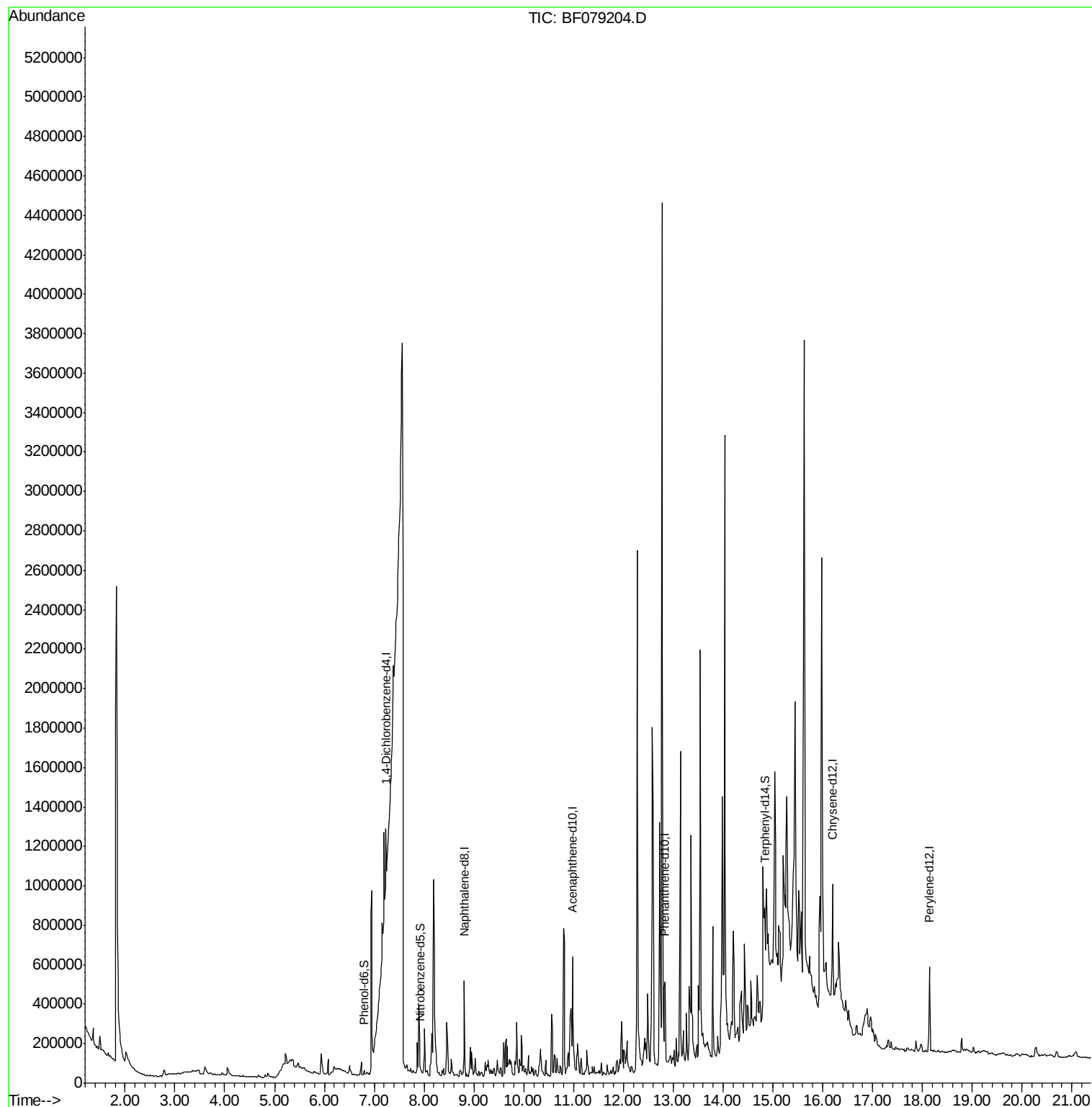
Target Compounds Qvalue

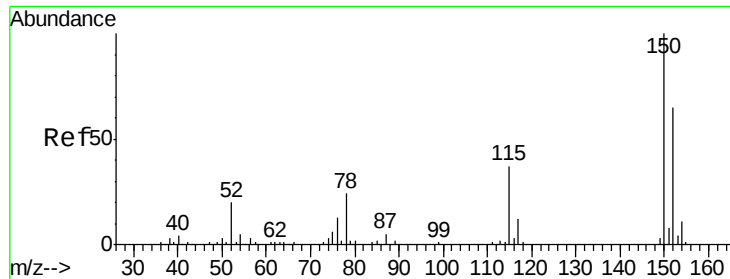
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079204.D
Acq On : 13 May 2015 20:15
Operator : TP/IZ
Sample : G2211-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1504303044-45-46-COMPOSITE

Quant Time: May 14 07:21:54 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 00:58:22 2015
Response via : Initial Calibration

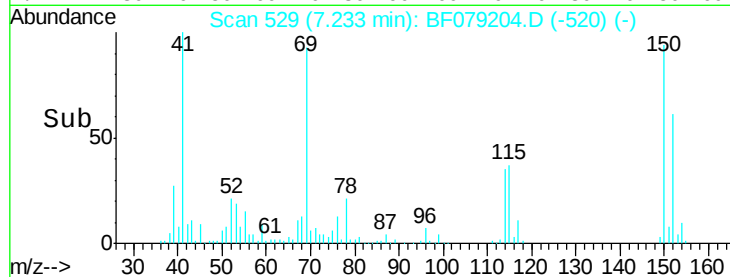
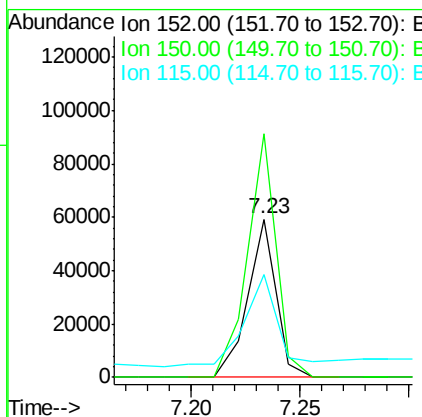
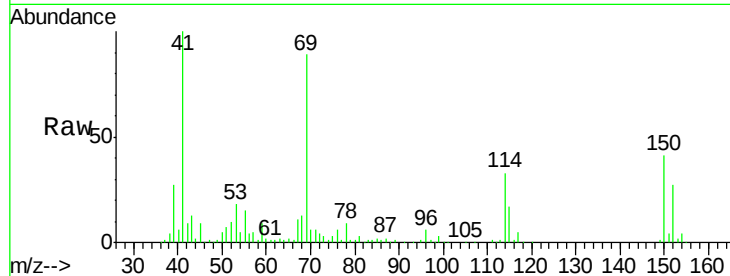




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF079204.D
 Acq: 13 May 2015 20:15

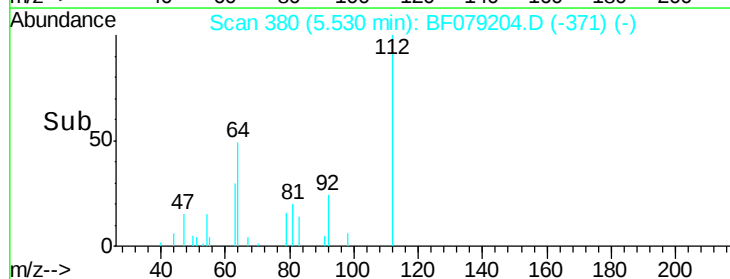
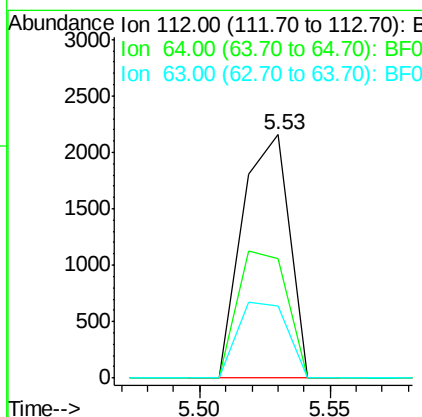
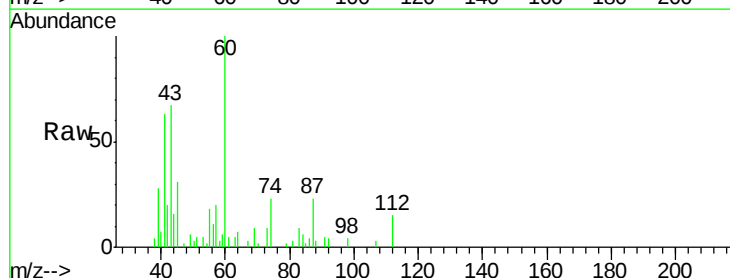
Instrument :
 BNA_F
 ClientSampleId :
 1504303044-45-46-COMPOSITE

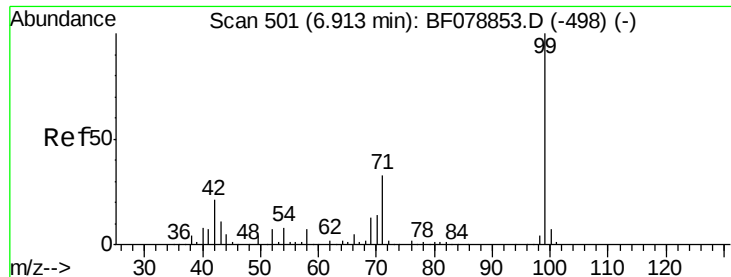
Tot Ion:152 Resp: 53483
 Ion Ratio Lower Upper
 152 100
 150 153.6 122.0 183.0
 115 64.6 46.3 69.5



#5
 2-Fluorophenol
 Concen: 0.87 ng
 RT: 5.53 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: BF079204.D
 Acq: 13 May 2015 20:15

Tgt Ion:112 Resp: 2716
 Ion Ratio Lower Upper
 112 100
 64 48.9 53.5 80.3#
 63 29.8 27.5 41.3





#7

Phenol-d6

Concen: 2.04 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079204.D

Acq: 13 May 2015 20:15

Instrument :

BNA_F

ClientSampleId :

1504303044-45-46-COMPOSITE

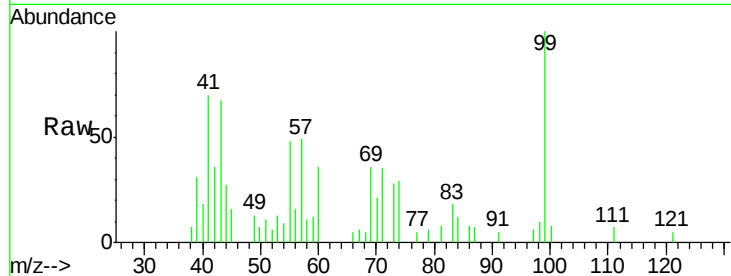
Tot Ion: 99 Resp: 8386

Ion Ratio Lower Upper

99 100

42 36.3 12.8 19.2#

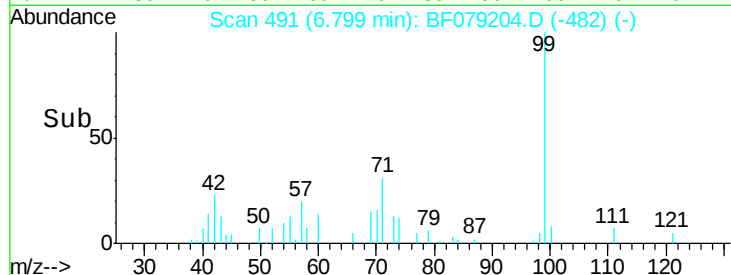
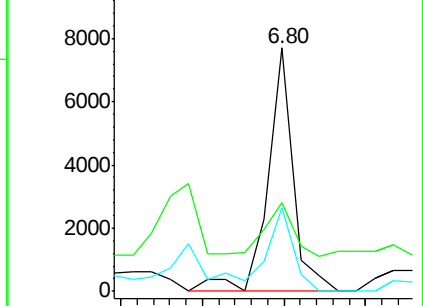
71 34.6 23.4 35.2



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: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079204.D

Acq: 13 May 2015 20:15

Tgt Ion: 136 Resp: 214856

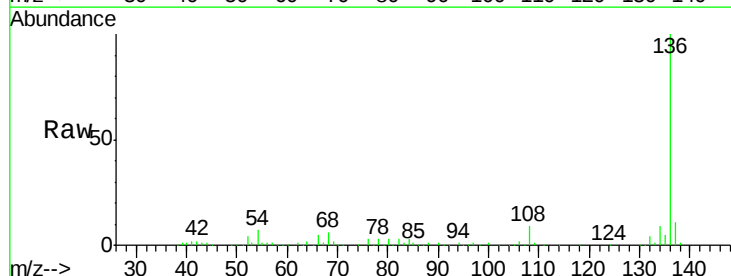
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.5 5.8 8.8

68 6.2 4.2 6.4

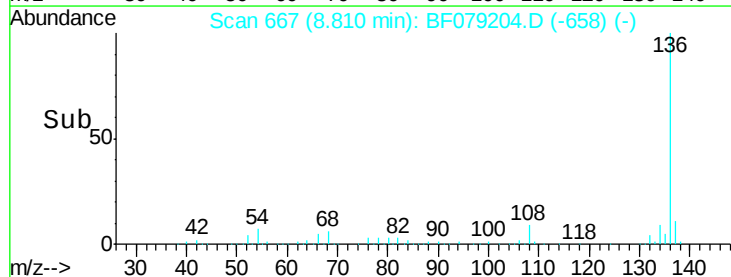
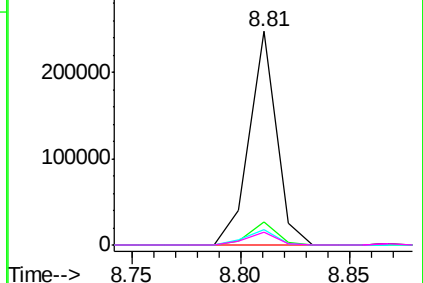


Abundance Ion 136.00 (135.70 to 136.70): E

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

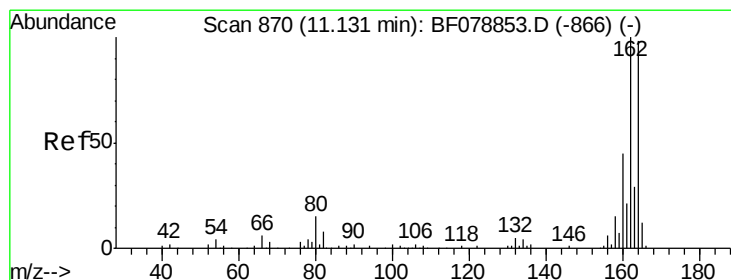
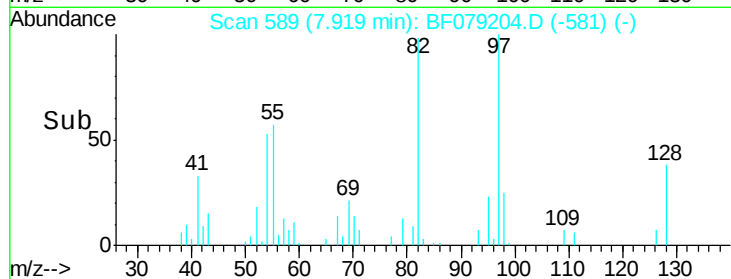
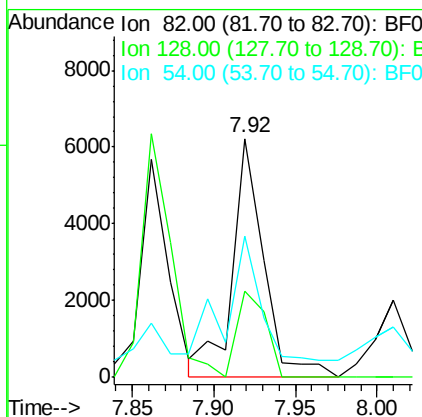
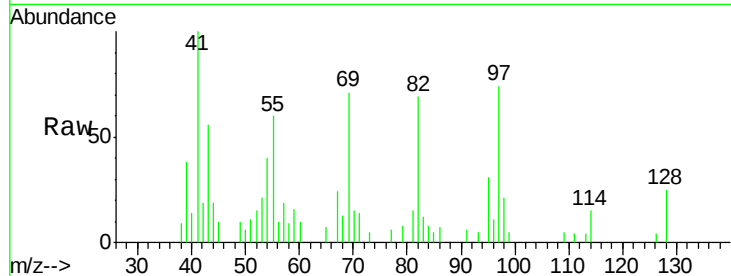




#23
 Nitrobenzene-d5
 Concen: 2.20 ng
 RT: 7.92 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF079204.D
 Acq: 13 May 2015 20:15

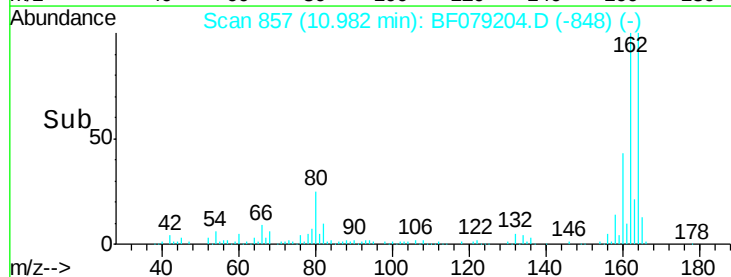
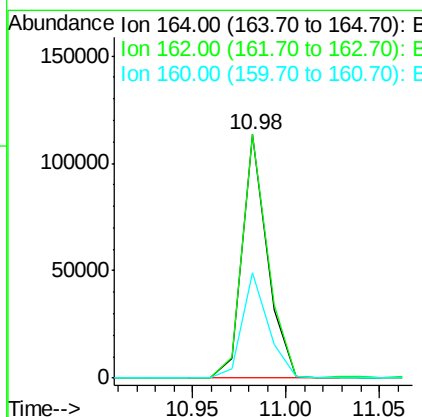
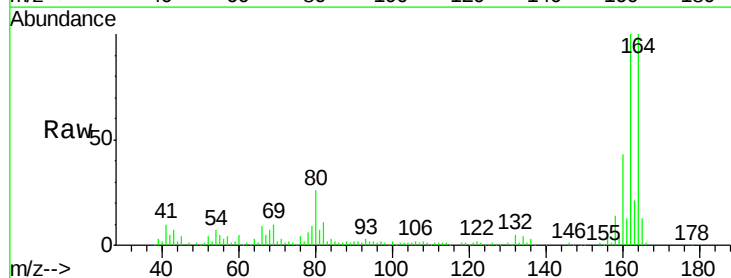
Instrument :
 BNA_F
 ClientSampleId :
 1504303044-45-46-COMPOSITE

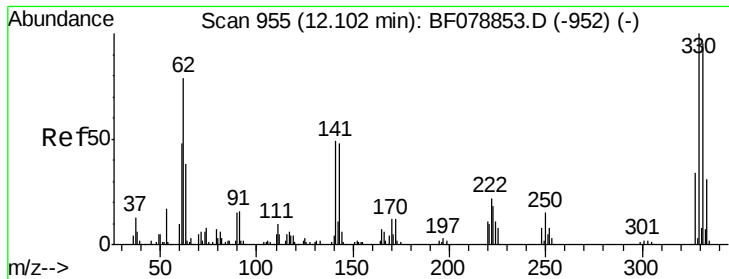
Tot Ion	82	Resp	8230
Ion Ratio	Lower	Upper	
82	100		
128	36.0	30.0	45.0
54	58.9	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079204.D
 Acq: 13 May 2015 20:15

Tgt Ion	164	Resp	106093
Ion Ratio	Lower	Upper	
164	100		
162	100.0	82.7	124.1
160	43.2	35.8	53.8

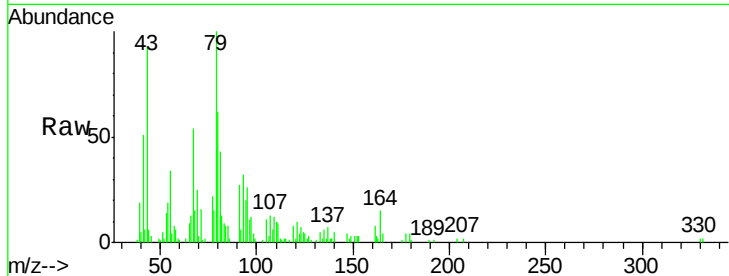




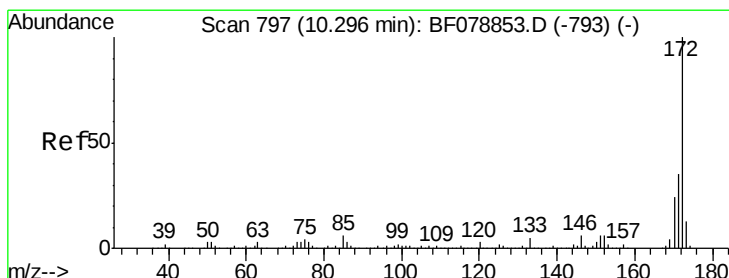
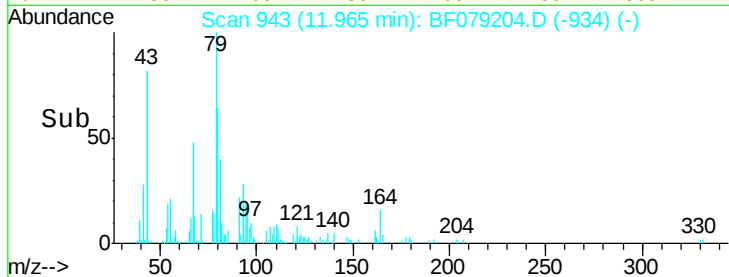
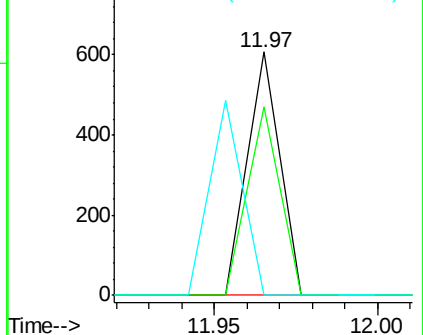
#41
 2,4,6-Tribromophenol
 Concen: 0.36 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079204.D
 Acq: 13 May 2015 20:15

Instrument :
 BNA_F
 ClientSampleId :
 1504303044-45-46-COMPOSITE

Tot Ion:330 Resp: 416
 Ion Ratio Lower Upper
 330 100
 332 77.4 0.0 0.0#
 141 80.0 0.0 0.0#

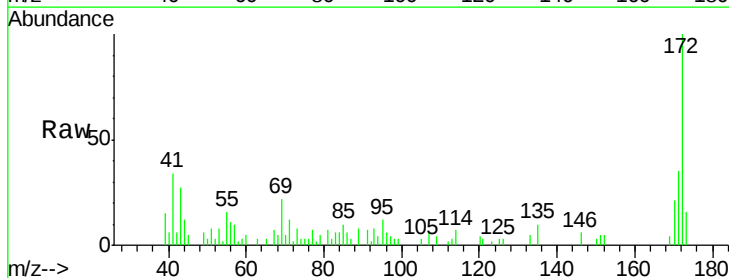


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

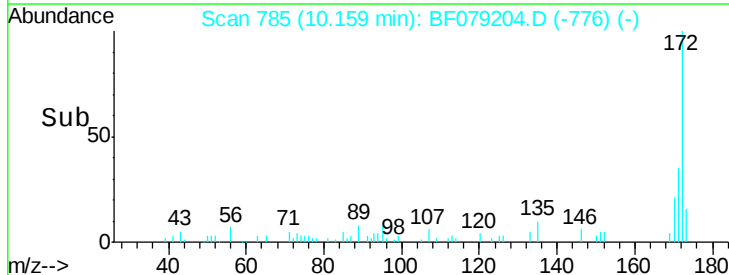
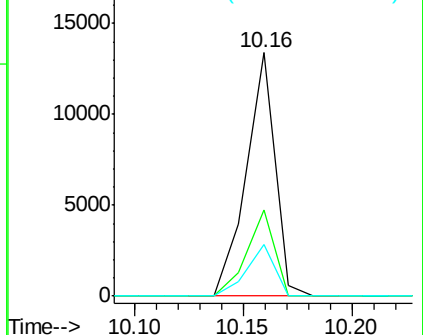


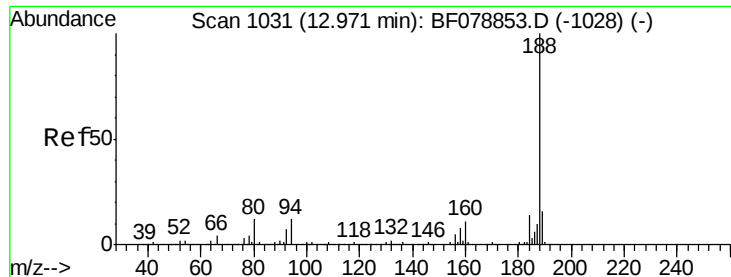
#44
 2-Fluorobiphenyl
 Concen: 1.62 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079204.D
 Acq: 13 May 2015 20:15

Tgt Ion:172 Resp: 12307
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.9 41.9
 170 20.9 19.4 29.0



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

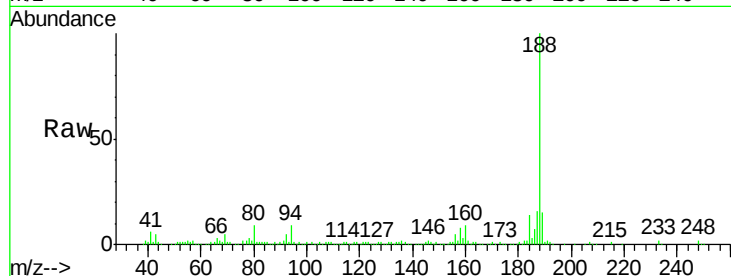




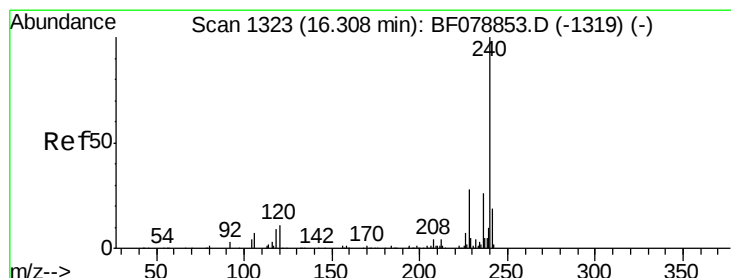
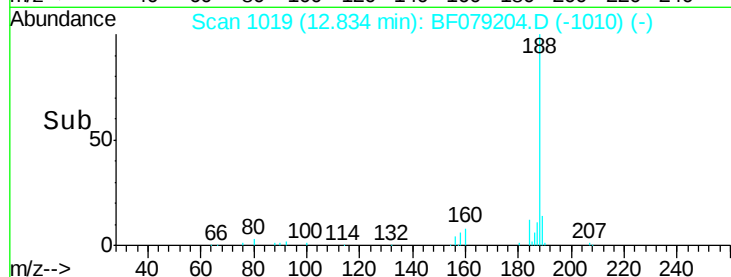
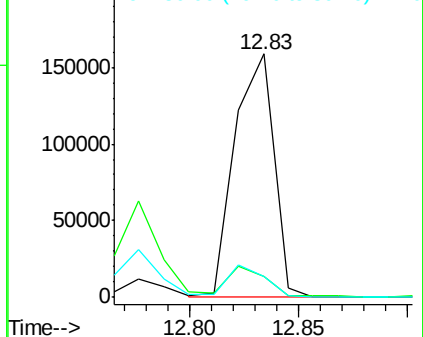
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF079204.D
Acq: 13 May 2015 20:15

Instrument :
BNA_F
ClientSampleId :
1504303044-45-46-COMPOSITE

Tot Ion:188 Resp: 199357
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 8.6 8.9 13.3#

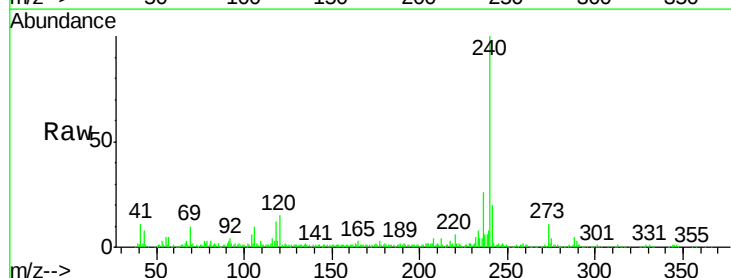


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

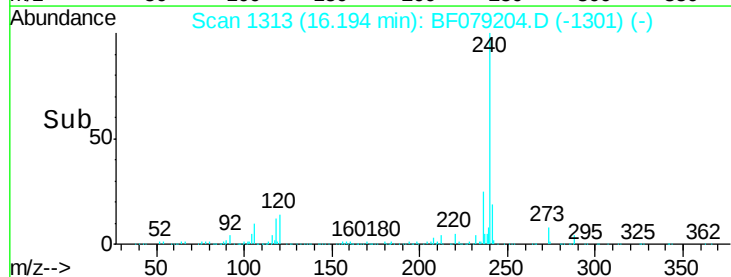
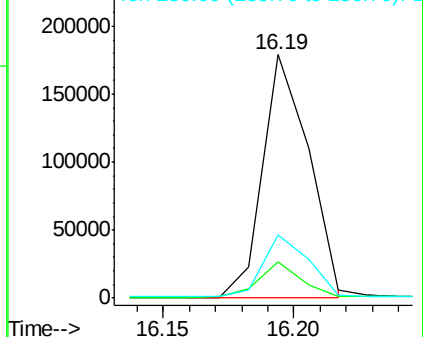


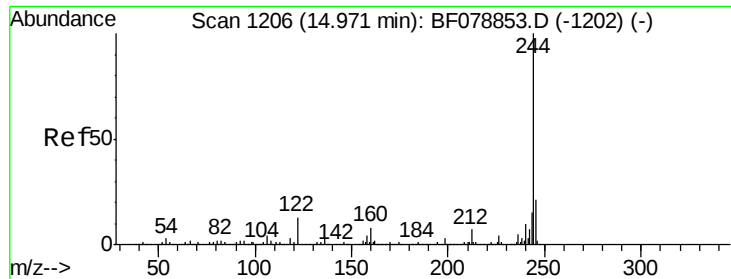
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 1313
Delta R.T. 0.03 min
Lab File: BF079204.D
Acq: 13 May 2015 20:15

Tgt Ion:240 Resp: 217281
Ion Ratio Lower Upper
240 100
120 14.9 9.7 14.5#
236 26.1 20.2 30.4



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: 2.33 ng

RT: 14.83 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BF079204.D

Acq: 13 May 2015 20:15

Instrument :

BNA_F

ClientSampleId :

1504303044-45-46-COMPOSITE

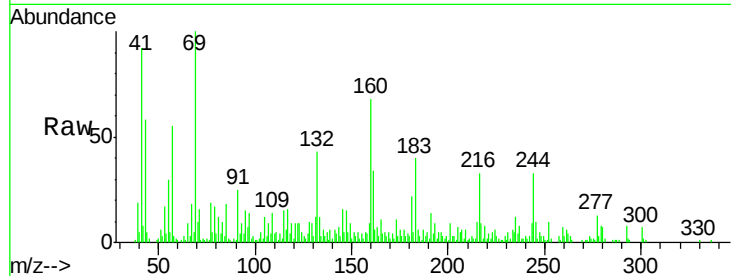
Tot Ion:244 Resp: 21131

Ion Ratio Lower Upper

244 100

212 8.4 5.6 8.4

122 26.7 10.3 15.5#



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

Time-->

14.75 14.80 14.85

14.83

15000

10000

5000

0

20000

15000

10000

5000

0

14.75 14.80 14.85

14.83

15000

10000

5000

0

20000

15000

10000

5000

0

14.75 14.80 14.85

14.83

15000

10000

5000

0

20000

15000

10000

5000

0

14.75 14.80 14.85

14.83

15000

10000

5000

0

20000

15000

10000

5000

0

14.75 14.80 14.85

14.83

15000

10000

5000

0

20000

15000

10000

5000

0

14.75 14.80 14.85

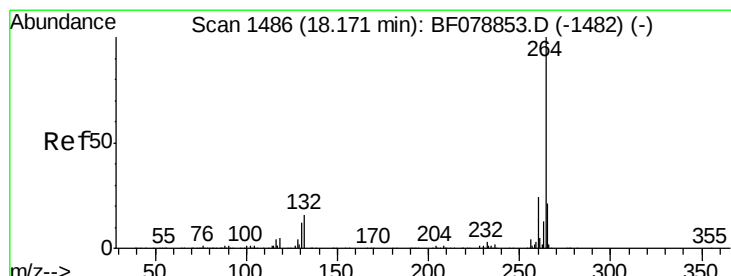
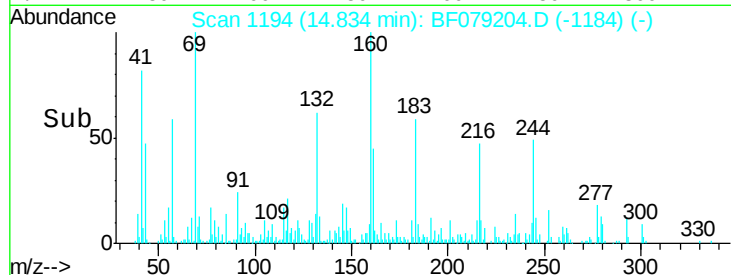
14.83

15000

10000

5000

0



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.14 min Scan# 1483

Delta R.T. 0.11 min

Lab File: BF079204.D

Acq: 13 May 2015 20:15

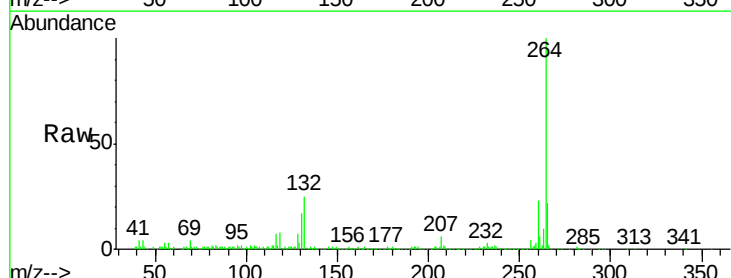
Tgt Ion:264 Resp: 239456

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 22.0 18.3 27.5



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

Time-->

18.00 18.20

18.14

150000

100000

50000

0

200000

150000

100000

50000

0

18.00 18.20

18.14

150000

100000

50000

0

200000

150000

100000

50000

0

18.00 18.20

18.14

150000

100000

50000

0

