

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
 Data File : BF078821.D
 Acq On : 29 Apr 2015 18:58
 Operator : TP/IZ
 Sample : G2041-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB4-27-15

Quant Time: Apr 30 01:15:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	75906	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	314730	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	139306	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	266460	20.00	ng	0.00
75) Chrysene-d12	16.30	240	261580	20.00	ng	0.00
86) Perylene-d12	18.10	264	249282	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	256743	62.12	ng	0.00
7) Phenol-d6	6.92	99	203236	36.82	ng	0.00
23) Nitrobenzene-d5	8.07	82	403525	92.31	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	176021	127.21	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	912660	89.72	ng	0.00
78) Terphenyl-d14	14.98	244	999609	91.01	ng	0.00

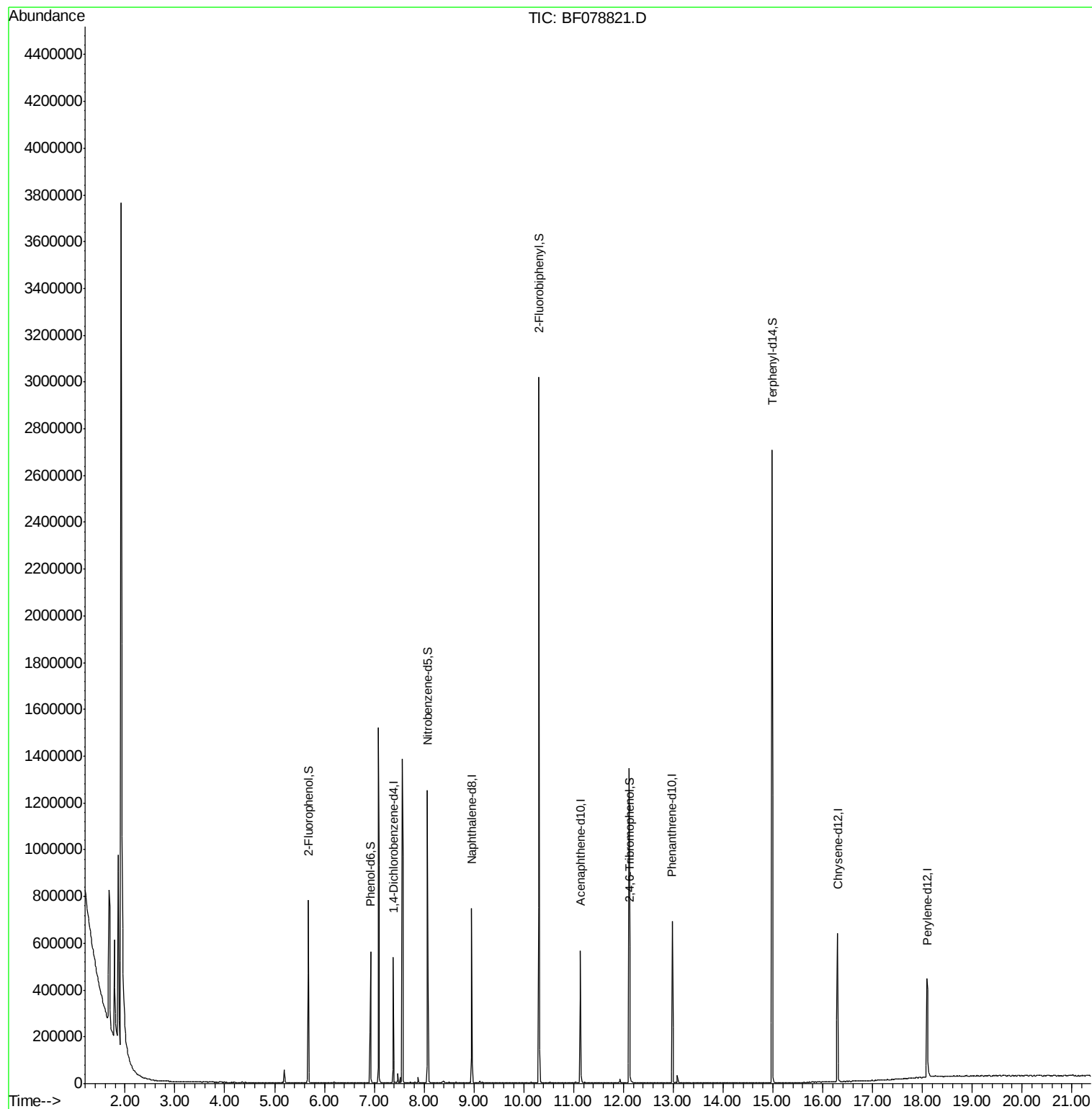
Target Compounds	Qvalue
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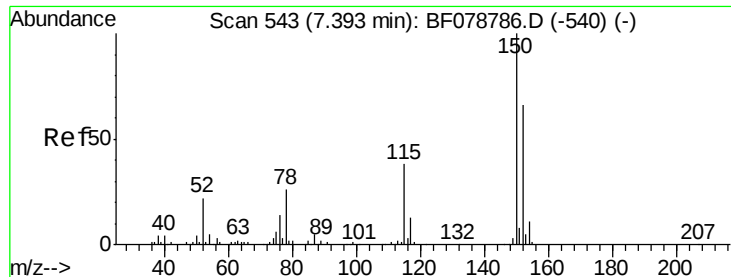
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078821.D

Acq: 29 Apr 2015 18:58

Instrument :

BNA_F

ClientSampleId :

FB4-27-15

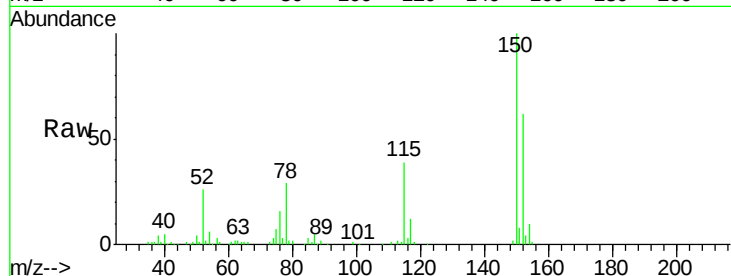
Tgt Ion:152 Resp: 75906

Ion Ratio Lower Upper

152 100

150 160.2 122.0 183.0

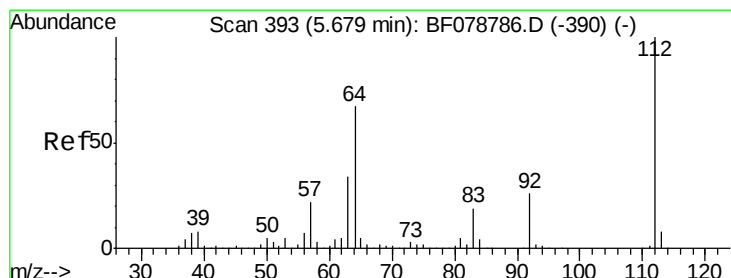
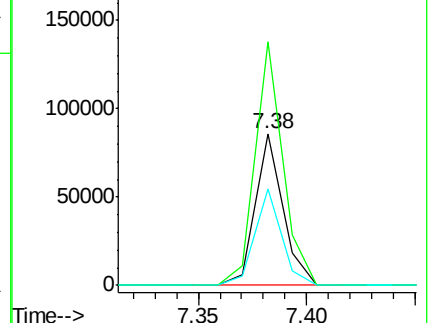
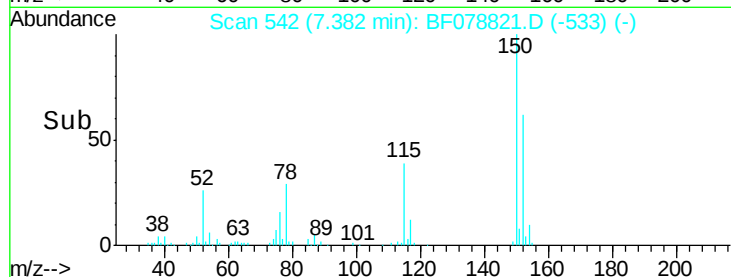
115 63.1 46.3 69.5



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: 62.12 ng

RT: 5.68 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF078821.D

Acq: 29 Apr 2015 18:58

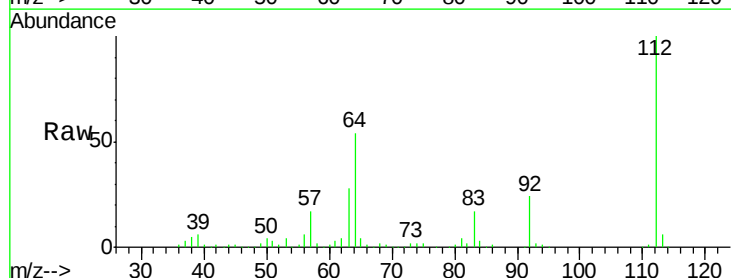
Tgt Ion:112 Resp: 256743

Ion Ratio Lower Upper

112 100

64 54.5 53.5 80.3

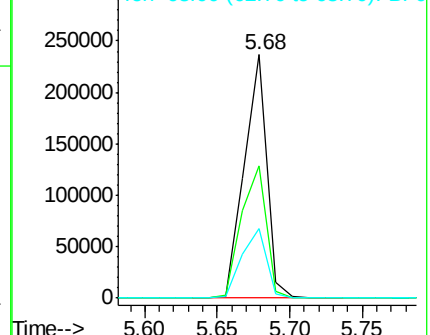
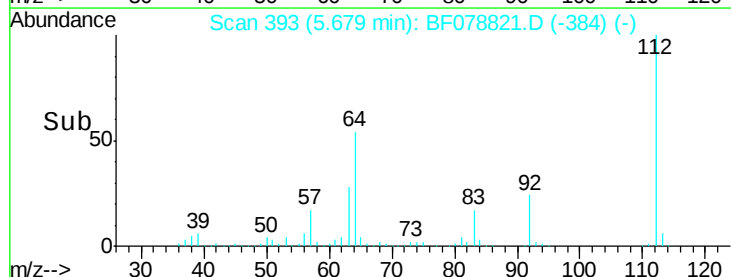
63 28.3 27.5 41.3

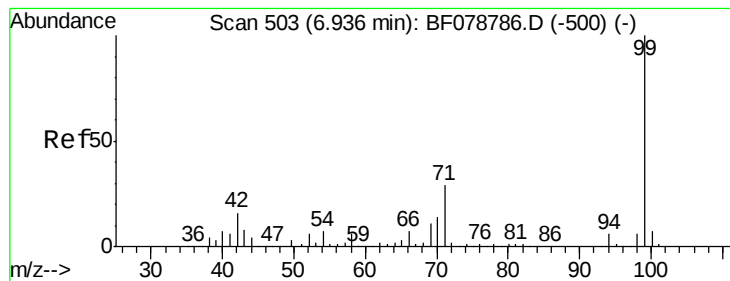


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.82 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078821.D

Acq: 29 Apr 2015 18:58

Instrument :

BNA_F

ClientSampleId :

FB4-27-15

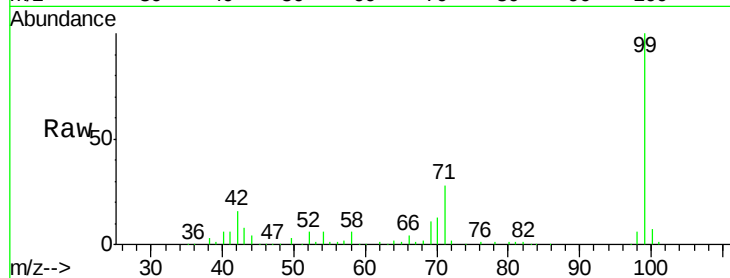
Tgt Ion: 99 Resp: 203236

Ion Ratio Lower Upper

99 100

42 16.2 12.8 19.2

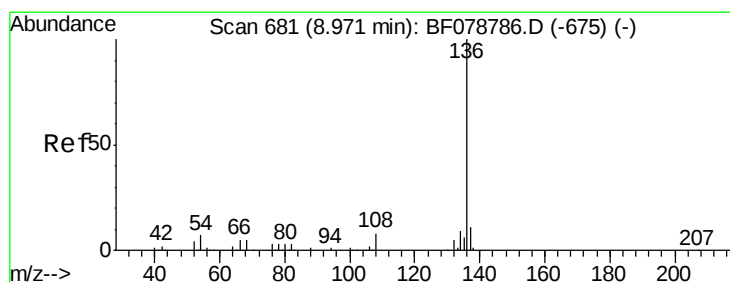
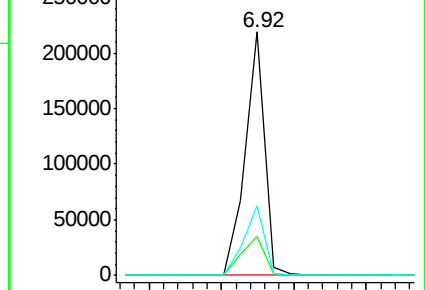
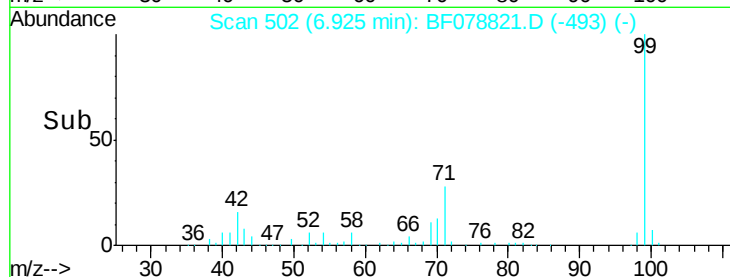
71 28.4 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078821.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BF078821.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BF078821.D (-493) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF078821.D

Acq: 29 Apr 2015 18:58

Tgt Ion: 136 Resp: 314730

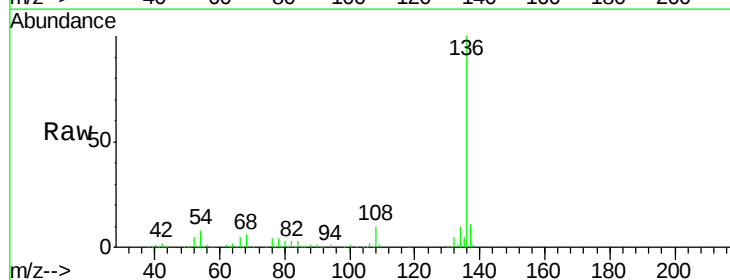
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.0 5.8 8.8

68 5.8 4.2 6.4

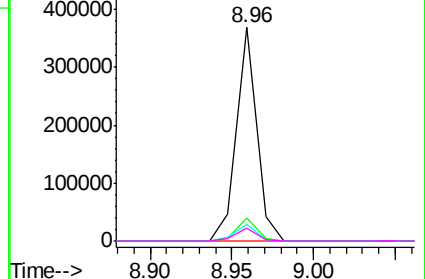
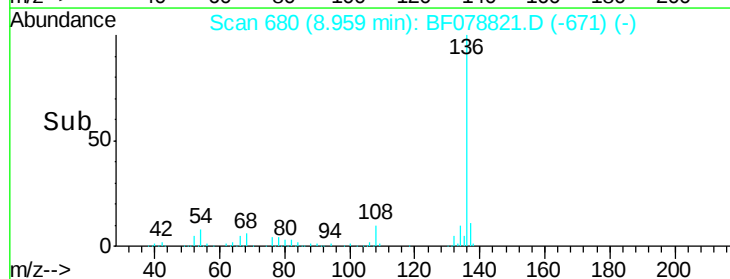


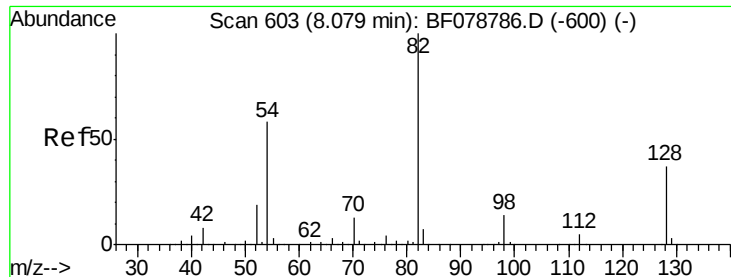
Abundance Ion 136.00 (135.70 to 136.70): BF078821.D (-671) (-)

Ion 137.00 (136.70 to 137.70): BF078821.D (-671) (-)

Ion 54.00 (53.70 to 54.70): BF078821.D (-671) (-)

Ion 68.00 (67.70 to 68.70): BF078821.D (-671) (-)

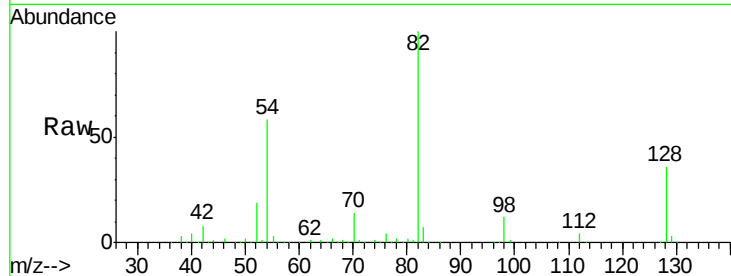




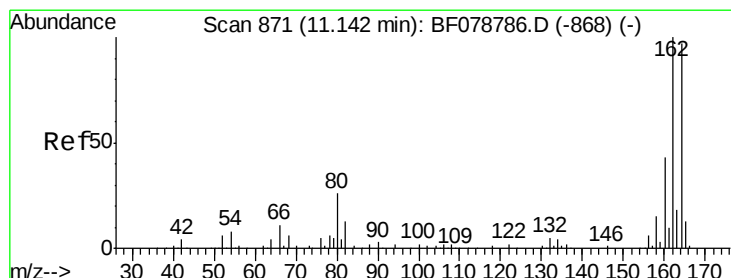
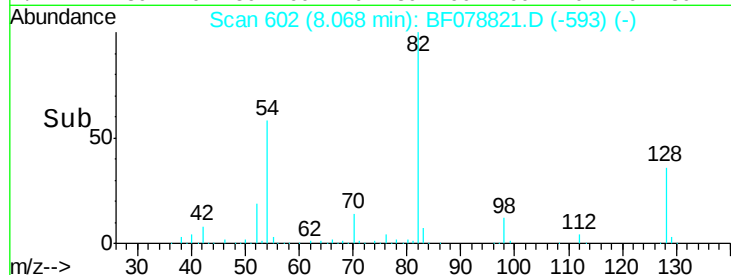
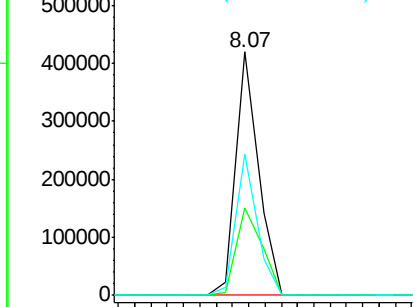
#23
 Nitrobenzene-d5
 Concen: 92.31 ng
 RT: 8.07 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF078821.D
 Acq: 29 Apr 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 FB4-27-15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.0	30.0	45.0
54	57.8	46.4	69.6

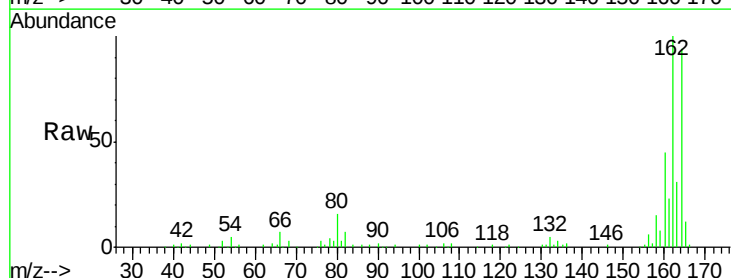


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

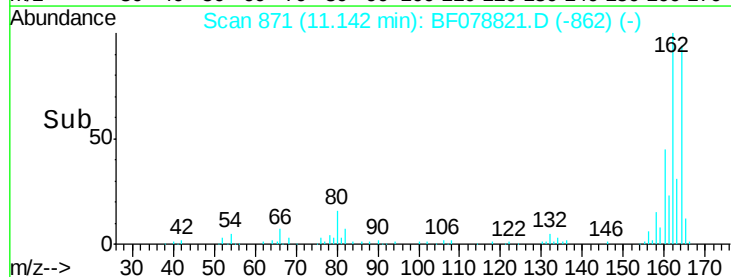
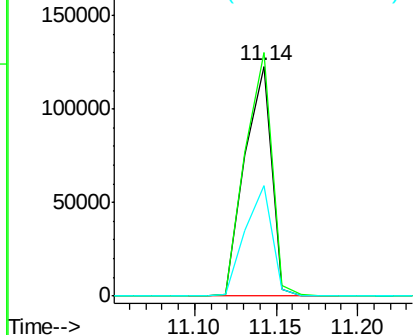


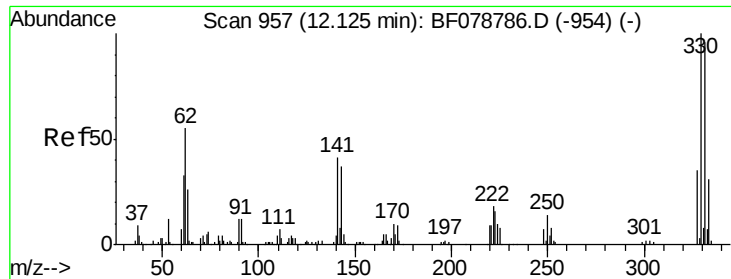
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF078821.D
 Acq: 29 Apr 2015 18:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	82.7	124.1
160	48.2	35.8	53.8



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

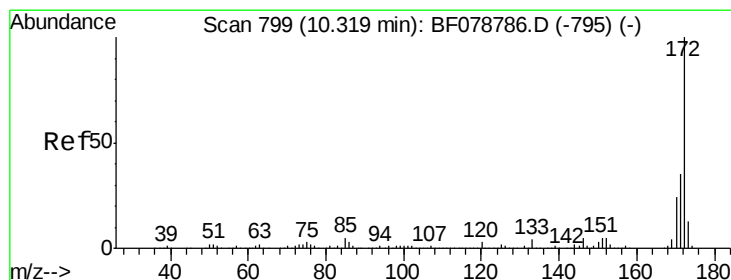
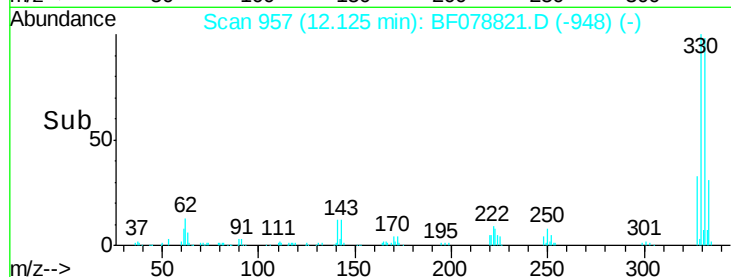
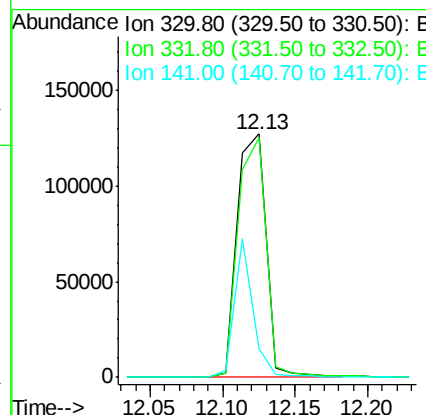
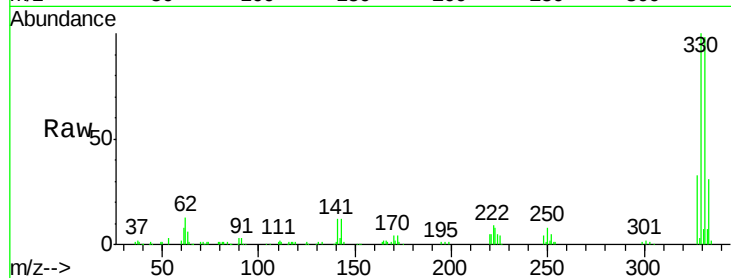




#41
 2,4,6-Tribromophenol
 Concen: 127.21 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078821.D
 Acq: 29 Apr 2015 18:58

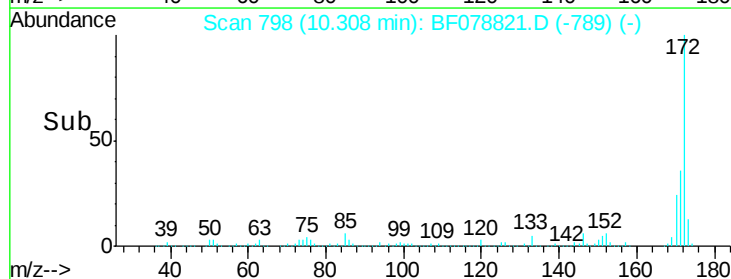
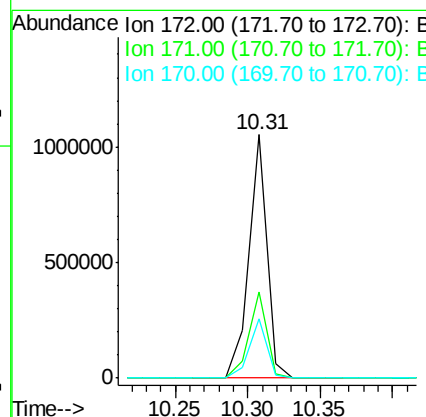
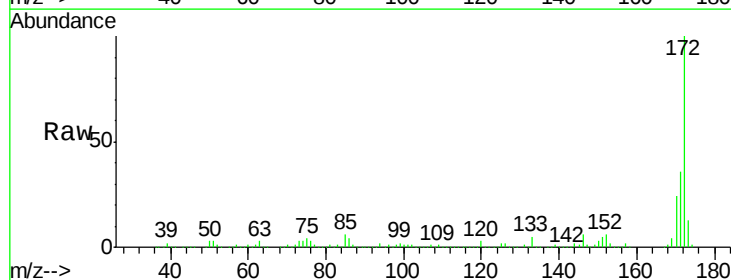
Instrument :
 BNA_F
 ClientSampleId :
 FB4-27-15

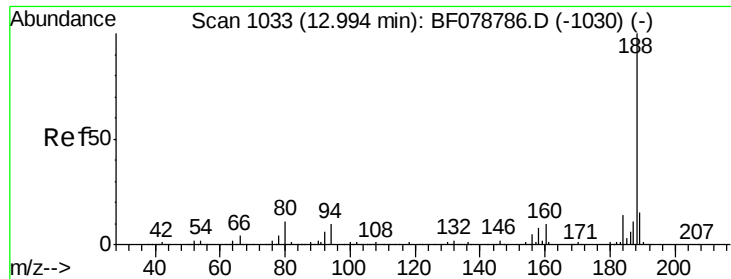
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	36.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 89.72 ng
 RT: 10.31 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF078821.D
 Acq: 29 Apr 2015 18:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	24.5	19.4	29.0

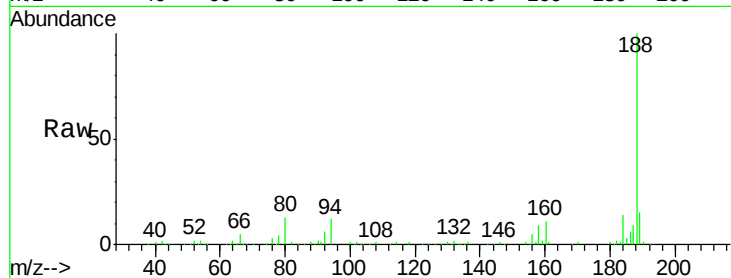




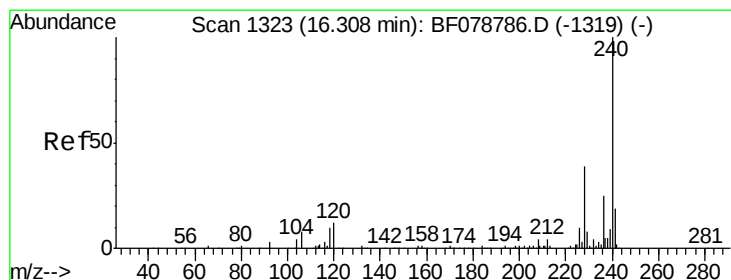
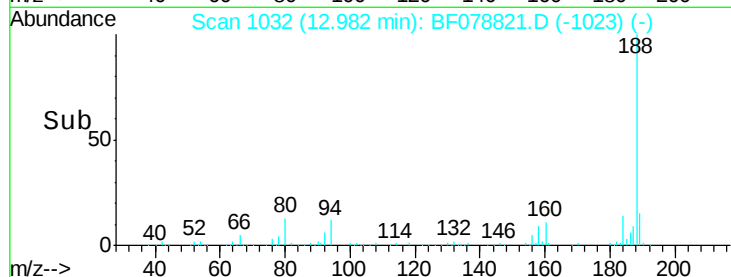
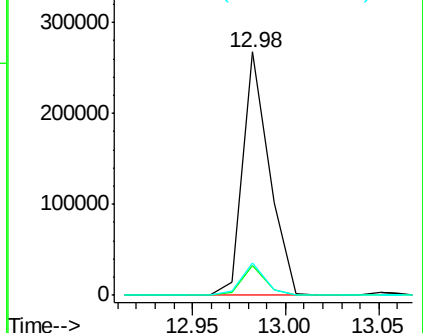
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078821.D
Acq: 29 Apr 2015 18:58

Instrument :
BNA_F
ClientSampleId :
FB4-27-15

Tgt Ion:188 Resp: 266460
Ion Ratio Lower Upper
188 100
94 12.0 8.2 12.2
80 13.2 8.9 13.3

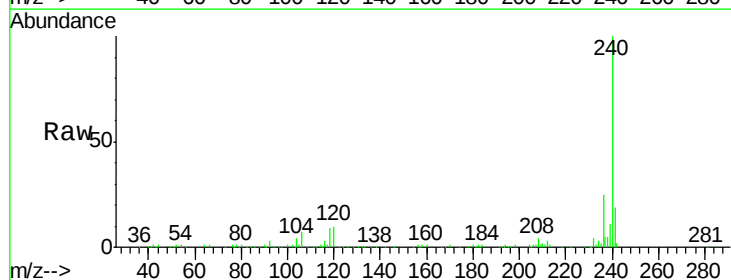


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

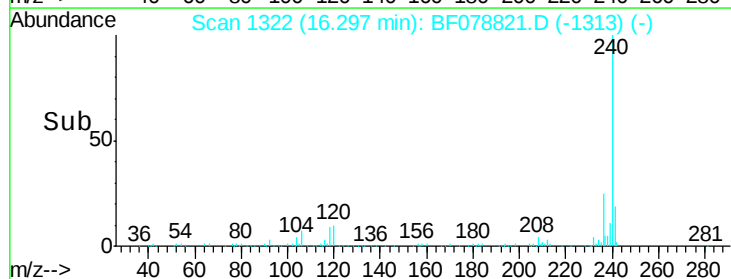
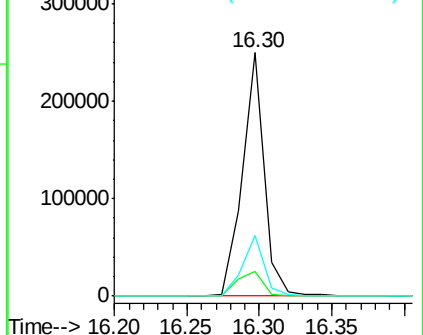


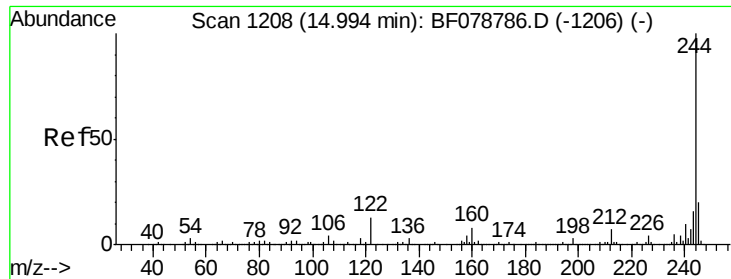
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.30 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF078821.D
Acq: 29 Apr 2015 18:58

Tgt Ion:240 Resp: 261580
Ion Ratio Lower Upper
240 100
120 10.0 9.7 14.5
236 25.1 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

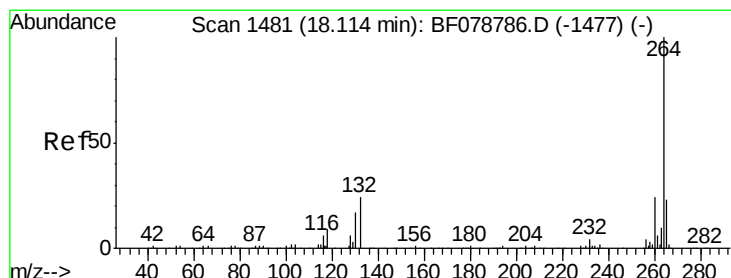
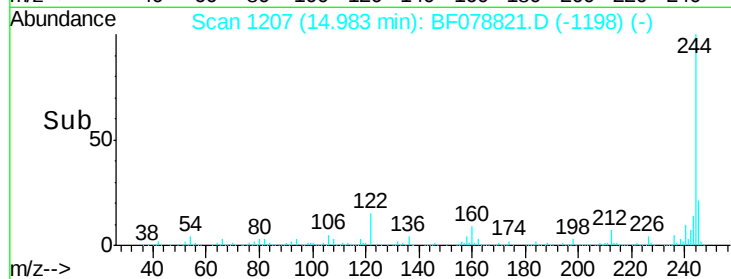
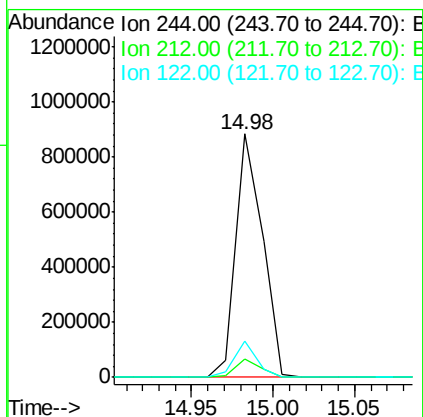
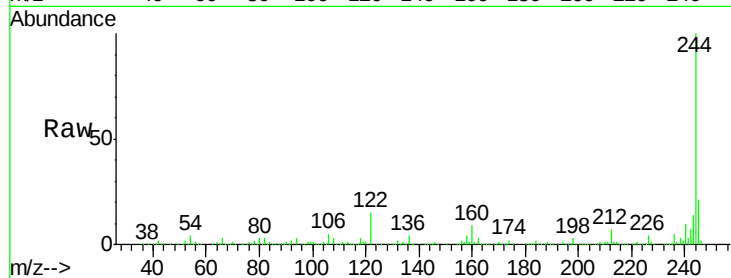




#78
 Terphenyl-d14
 Concen: 91.01 ng
 RT: 14.98 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF078821.D
 Acq: 29 Apr 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :
 FB4-27-15

Tgt Ion: 244 Resp: 999609
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.6 8.4
 122 15.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.10 min Scan# 1480
 Delta R.T. 0.02 min
 Lab File: BF078821.D
 Acq: 29 Apr 2015 18:58

Tgt Ion: 264 Resp: 249282
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.2 18.3 27.5

