

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078840.D
 Acq On : 30 Apr 2015 6:07
 Operator : TP/IZ
 Sample : G2021-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-17-2-3

Quant Time: Apr 30 07:26:26 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 01:56:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	73933	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	306935	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	150483	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	286079	20.00	ng	0.00
75) Chrysene-d12	16.29	240	321495	20.00	ng	0.00
86) Perylene-d12	18.07	264	358687	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	407695	101.28	ng	0.01
7) Phenol-d6	6.92	99	521035	96.92	ng	0.00
23) Nitrobenzene-d5	8.07	82	289778	67.97	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	143923	97.57	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	641753	58.40	ng	0.00
78) Terphenyl-d14	14.98	244	731637	54.20	ng	0.00

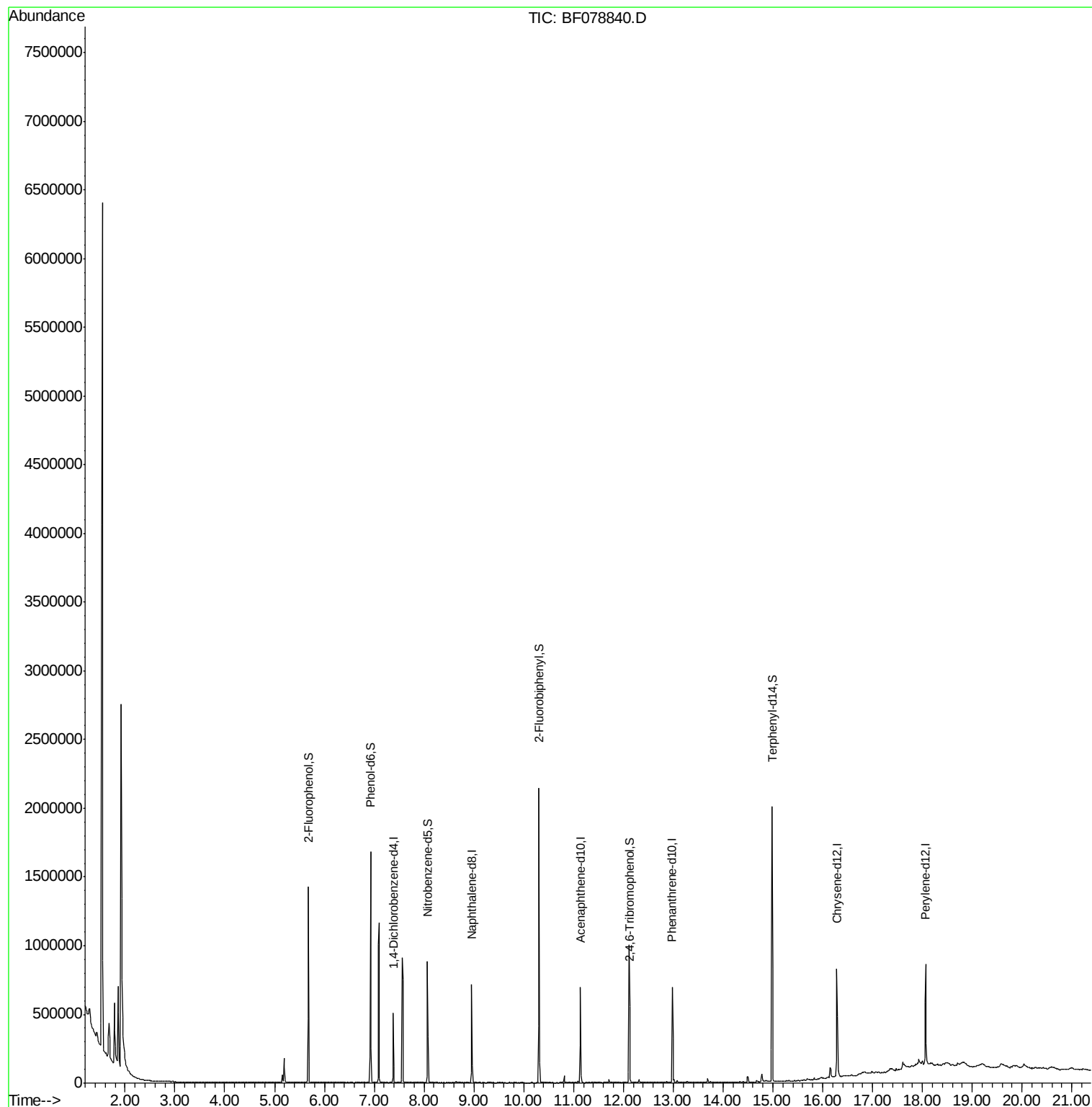
Target Compounds Qvalue

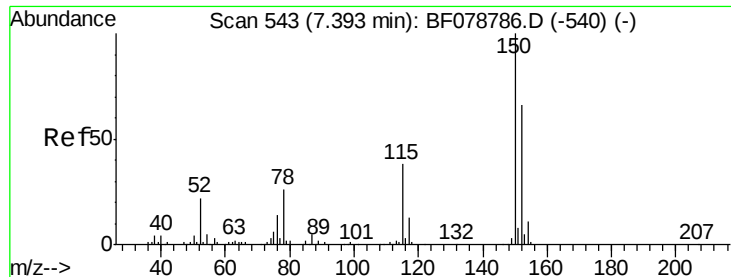
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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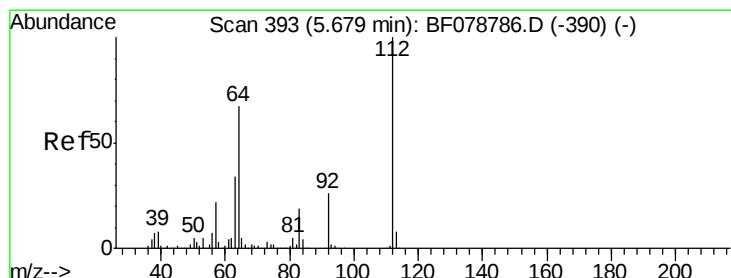
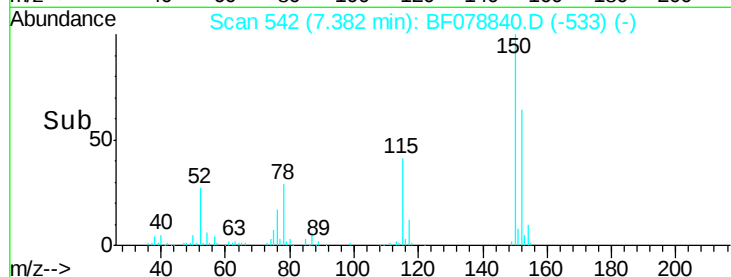
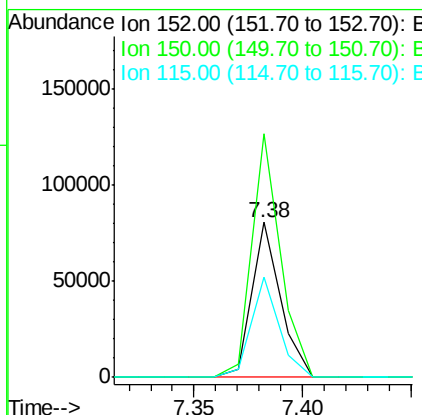
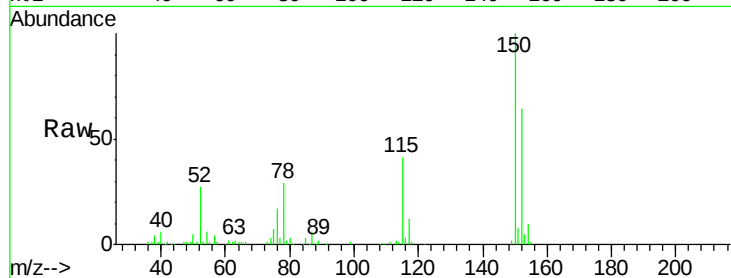


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078840.D
Acq: 30 Apr 2015 6:07

Instrument :
BNA_F
ClientSampleId :
PS-17-2-3

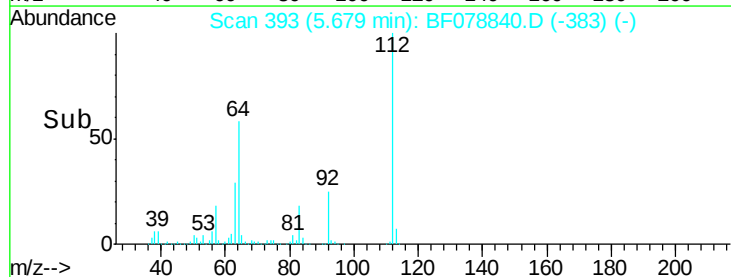
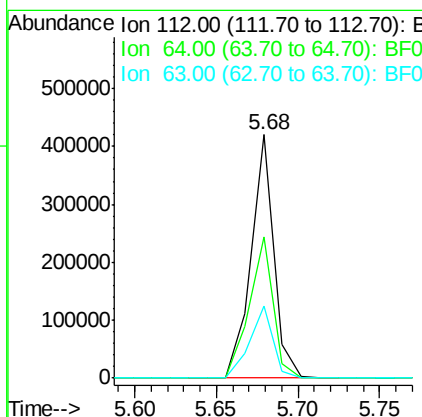
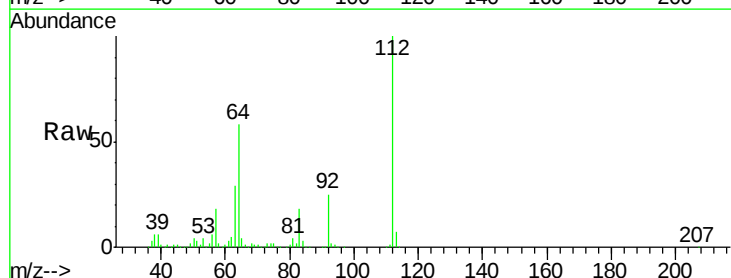
Tot Ion:152 Resp: 73933
Ion Ratio Lower Upper
152 100
150 156.8 122.0 183.0
115 64.3 46.3 69.5

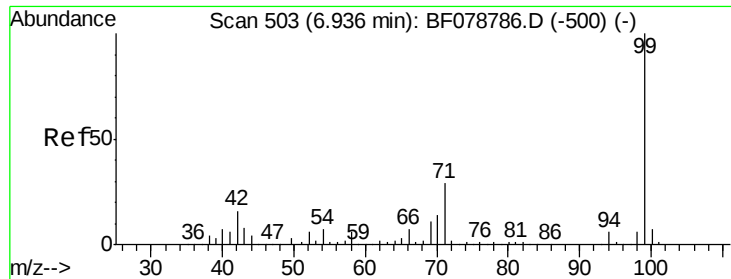


#5

2-Fluorophenol
Concen: 101.28 ng
RT: 5.68 min Scan# 393
Delta R.T. 0.01 min
Lab File: BF078840.D
Acq: 30 Apr 2015 6:07

Tgt Ion:112 Resp: 407695
Ion Ratio Lower Upper
112 100
64 58.3 53.5 80.3
63 29.4 27.5 41.3





#7

Phenol-d6

Concen: 96.92 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078840.D

Acq: 30 Apr 2015 6:07

Instrument :

BNA_F

ClientSampleId :

PS-17-2-3

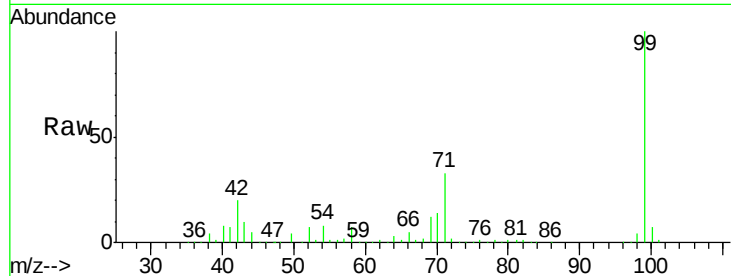
Tot Ion: 99 Resp: 521035

Ion Ratio Lower Upper

99 100

42 20.4 12.8 19.2#

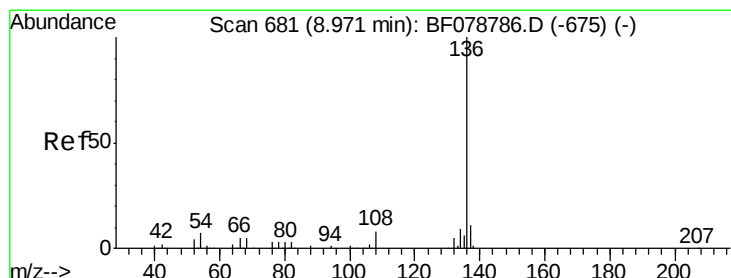
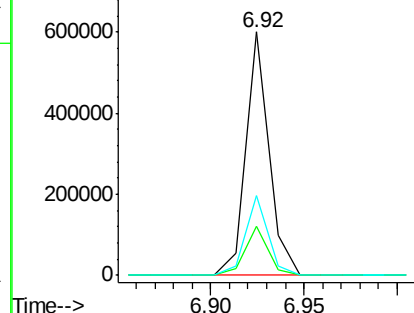
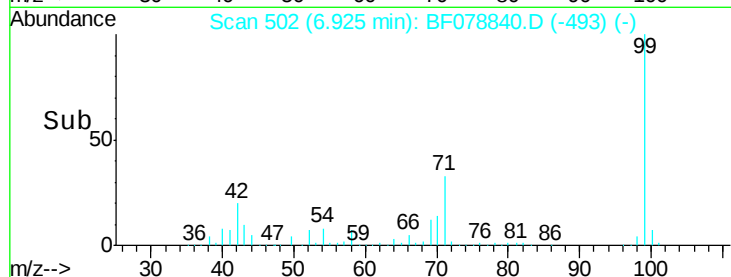
71 32.6 23.4 35.2



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: 8.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF078840.D

Acq: 30 Apr 2015 6:07

Tgt Ion: 136 Resp: 306935

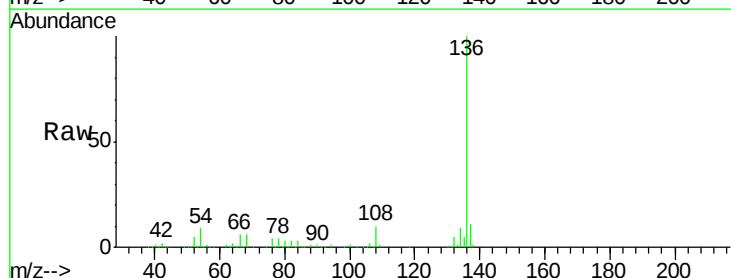
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.5 5.8 8.8

68 6.0 4.2 6.4

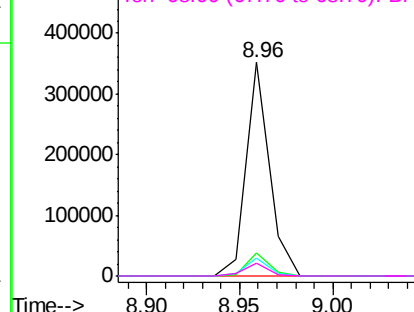
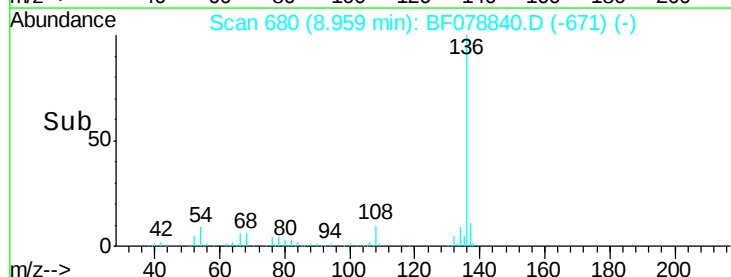


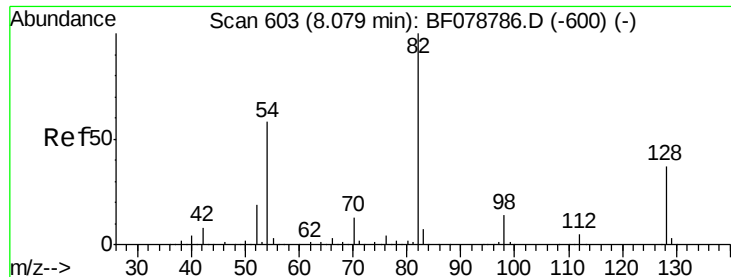
Abundance Ion 136.00 (135.70 to 136.70): E

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

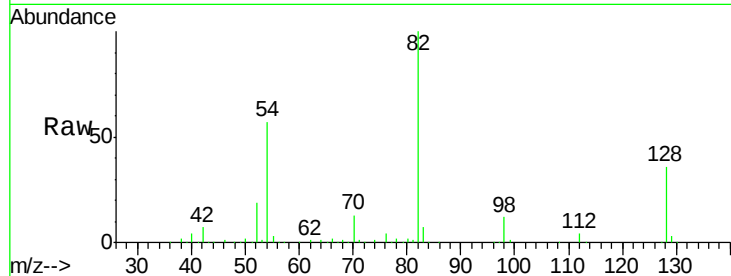




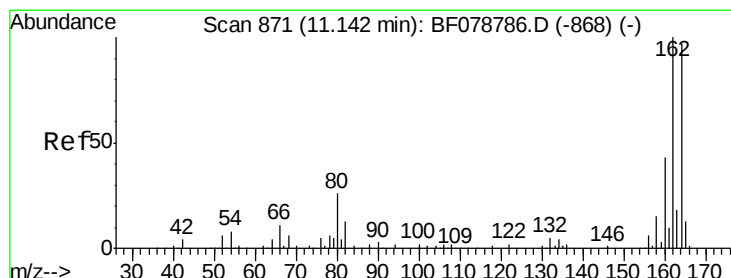
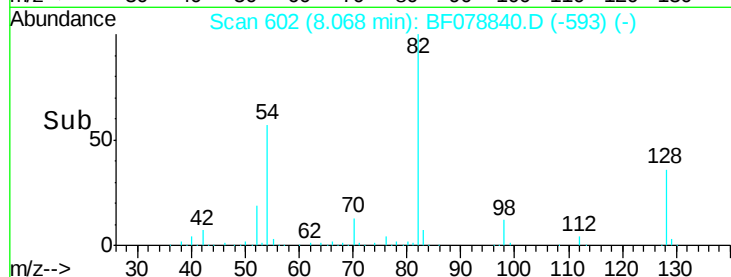
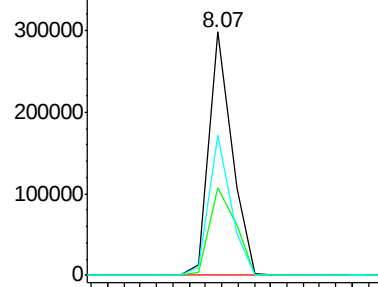
#23
 Nitrobenzene-d5
 Concen: 67.97 ng
 RT: 8.07 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF078840.D
 Acq: 30 Apr 2015 6:07

Instrument :
 BNA_F
 ClientSampleId :
 PS-17-2-3

Tot Ion	82	Resp	289778
Ion Ratio	100	Lower	Upper
128	36.1	30.0	45.0
54	57.3	46.4	69.6

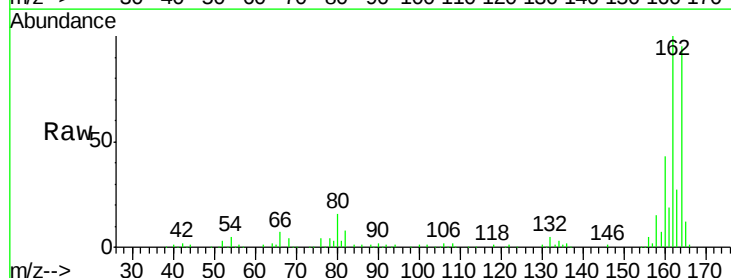


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

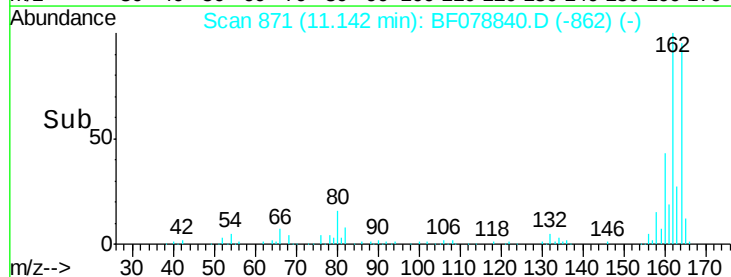
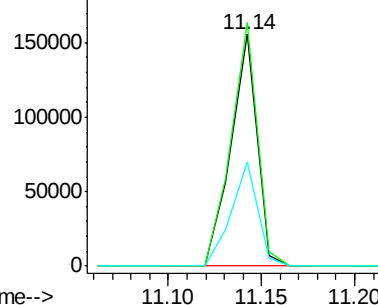


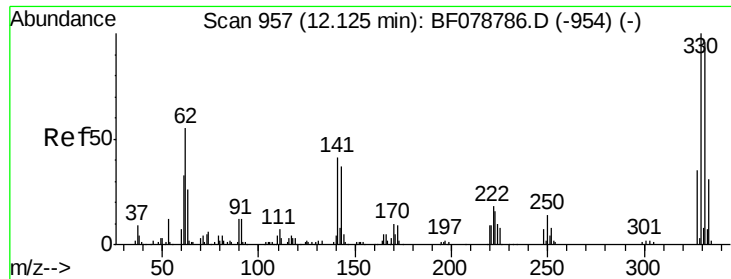
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF078840.D
 Acq: 30 Apr 2015 6:07

Tgt Ion	164	Resp	150483
Ion Ratio	100	Lower	Upper
162	105.1	82.7	124.1
160	45.0	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

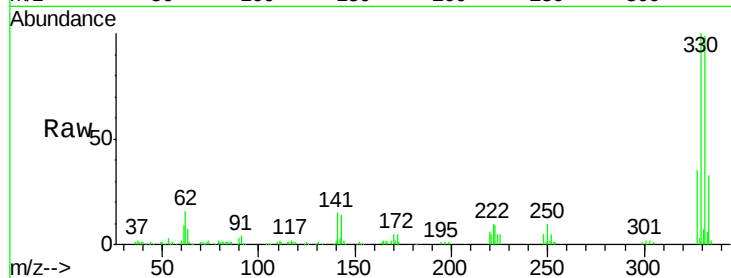




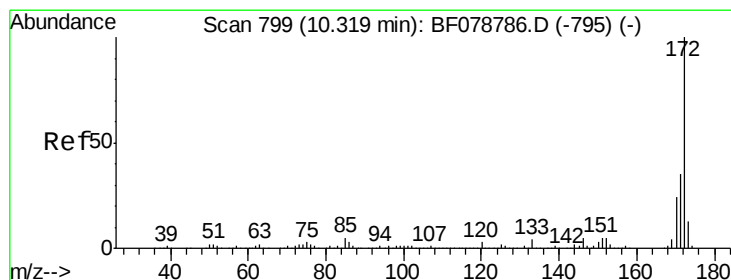
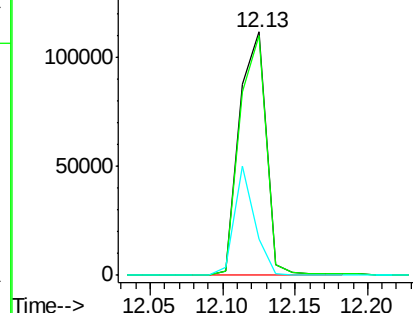
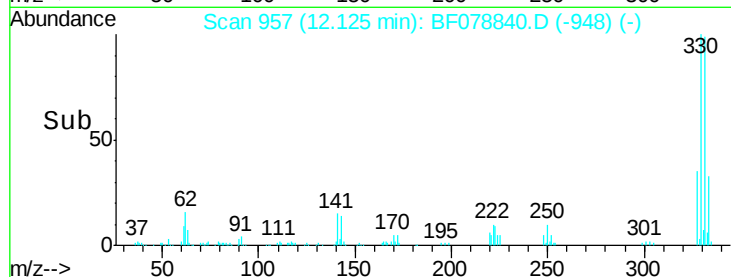
#41
 2,4,6-Tribromophenol
 Concen: 97.57 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078840.D
 Acq: 30 Apr 2015 6:07

Instrument :
 BNA_F
 ClientSampleId :
 PS-17-2-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	34.5	0.0	0.0#

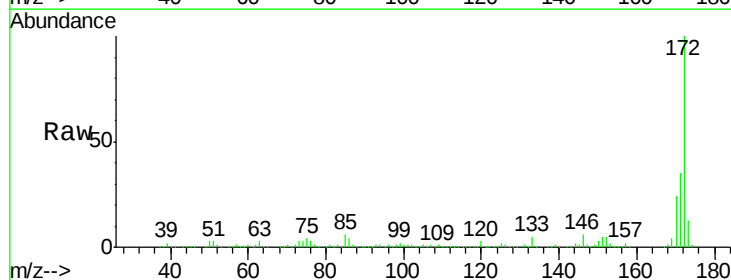


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

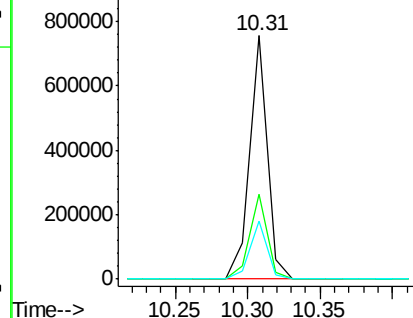
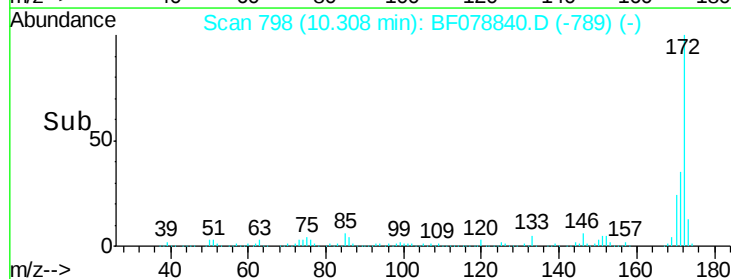


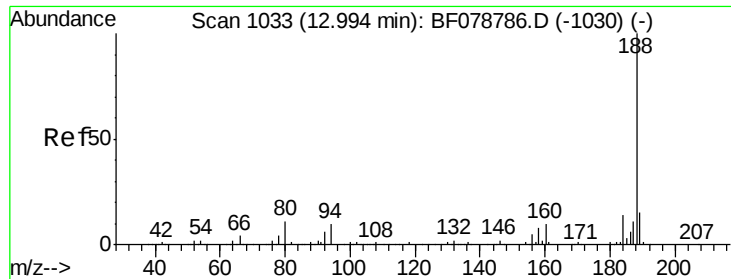
#44
 2-Fluorobiphenyl
 Concen: 58.40 ng
 RT: 10.31 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF078840.D
 Acq: 30 Apr 2015 6:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	24.0	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

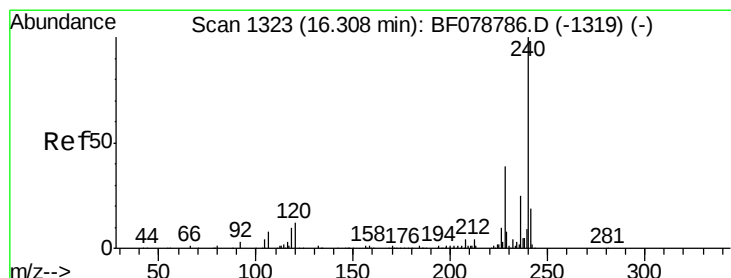
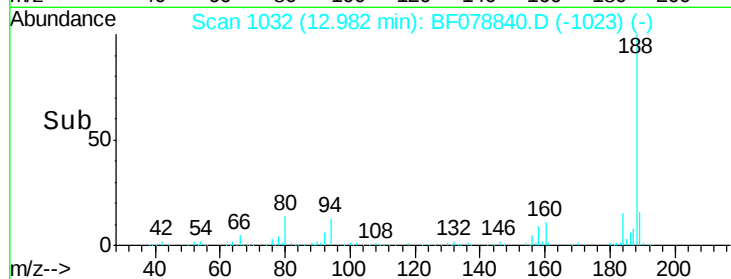
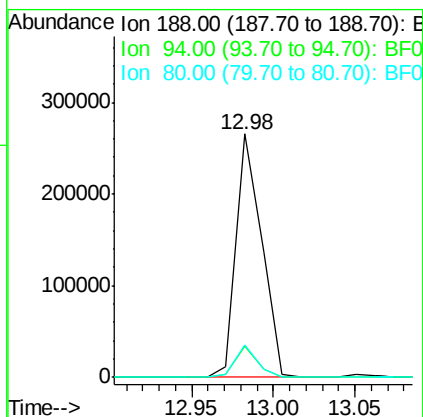
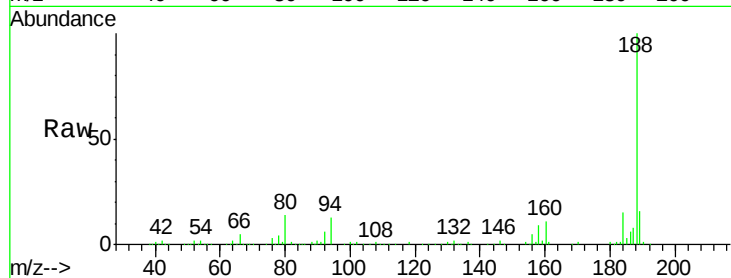




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078840.D
Acq: 30 Apr 2015 6:07

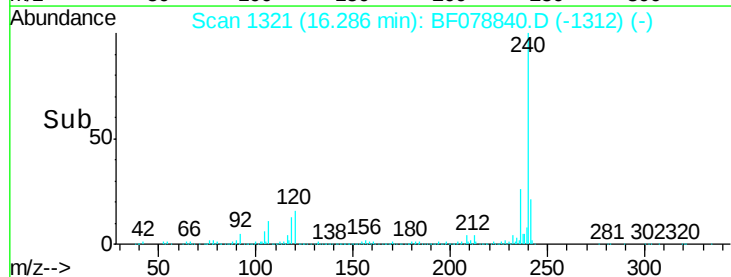
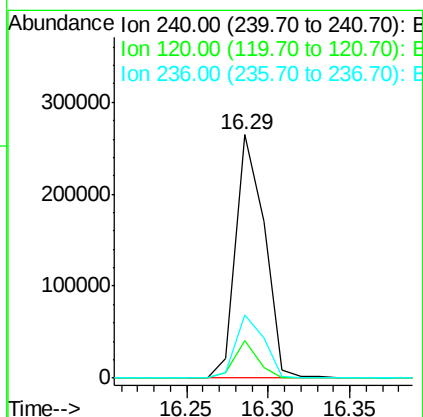
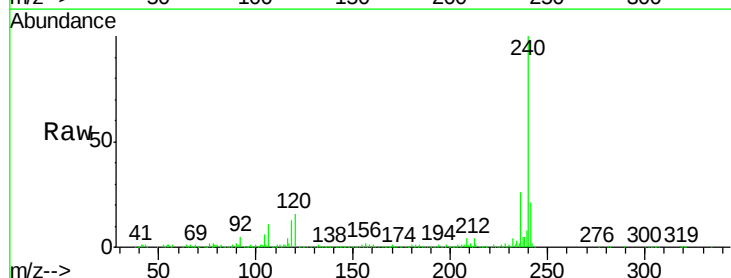
Instrument :
BNA_F
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PS-17-2-3

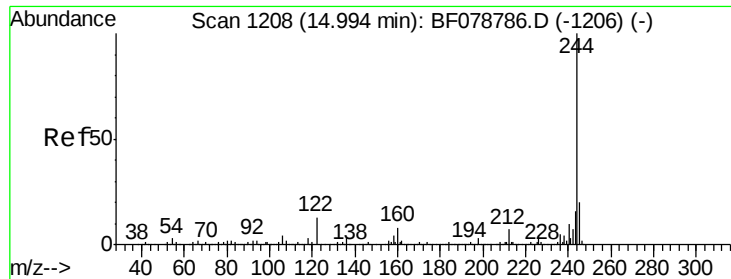
Tot Ion:188 Resp: 286079
Ion Ratio Lower Upper
188 100
94 12.8 8.2 12.2#
80 13.6 8.9 13.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF078840.D
Acq: 30 Apr 2015 6:07

Tgt Ion:240 Resp: 321495
Ion Ratio Lower Upper
240 100
120 15.6 9.7 14.5#
236 25.7 20.2 30.4

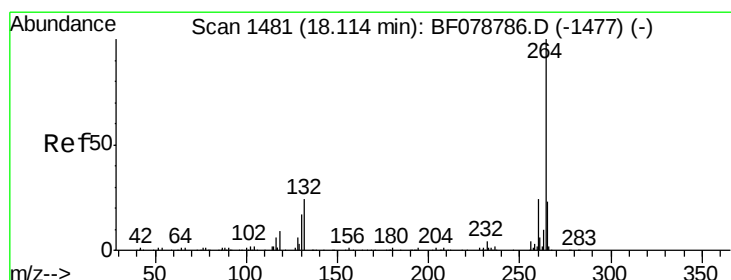
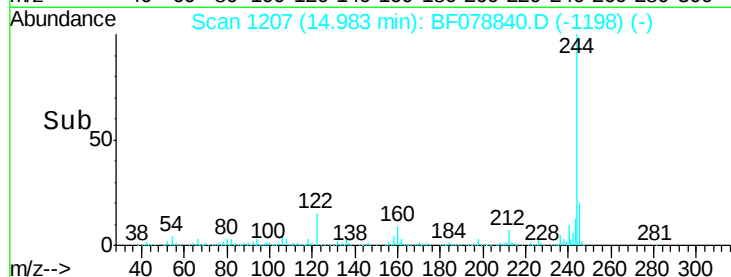
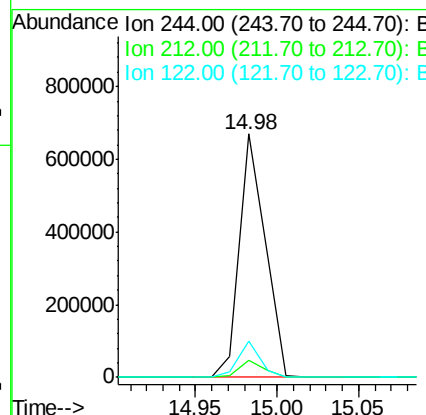
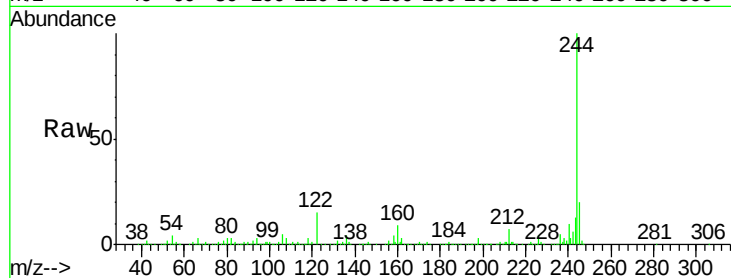




#78
 Terphenyl-d14
 Concen: 54.20 ng
 RT: 14.98 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF078840.D
 Acq: 30 Apr 2015 6:07

Instrument :
 BNA_F
 ClientSampleId :
 PS-17-2-3

Tot Ion:244 Resp: 731637
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 14.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.07 min Scan# 1477
 Delta R.T. 0.06 min
 Lab File: BF078840.D
 Acq: 30 Apr 2015 6:07

Tgt Ion:264 Resp: 358687
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 22.1 18.3 27.5

