

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079863.D
 Acq On : 10 Jun 2015 14:21
 Operator : TP/IZ
 Sample : G2536-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P5-12A(UNFILTERED)

Quant Time: Jun 11 01:54:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 00:53:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	46818	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	187495	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	95326	20.00	ng	-0.01
63) Phenanthrene-d10	12.01	188	197314	20.00	ng	0.01
75) Chrysene-d12	15.17	240	195718	20.00	ng	0.09
86) Perylene-d12	17.19	264	181906	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	142597	50.20	ng	0.00
7) Phenol-d6	7.02	99	117974	32.10	ng	0.00
23) Nitrobenzene-d5	7.98	82	257526	79.35	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	128571	155.85	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	703613	103.81	ng	0.00
78) Terphenyl-d14	13.79	244	819194	94.36	ng	0.06

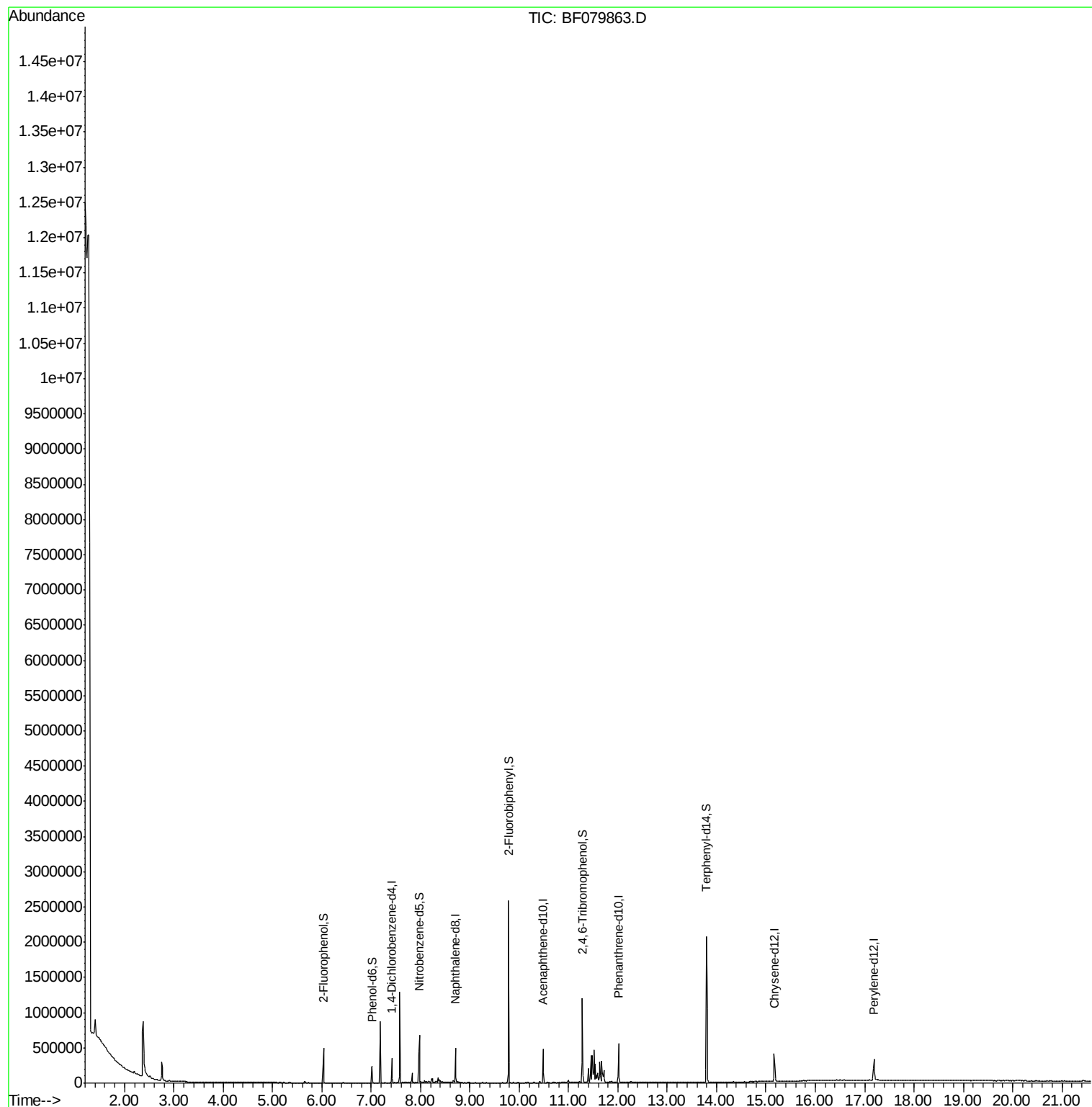
Target Compounds	Qvalue
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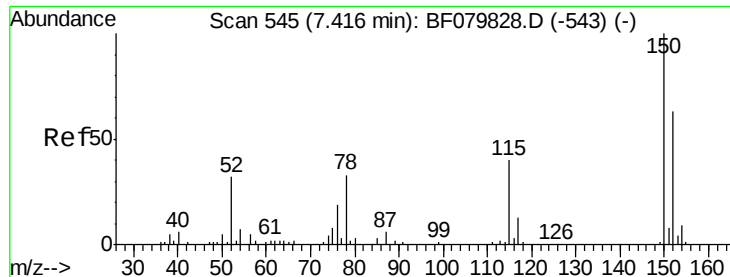
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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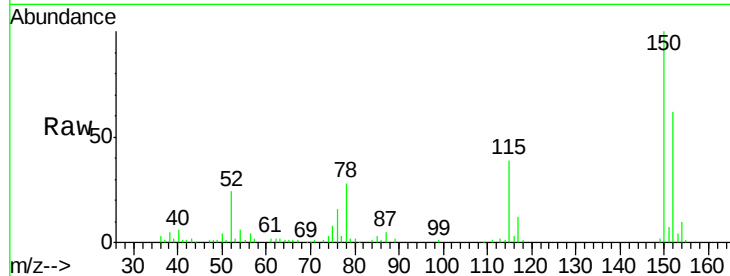


#1

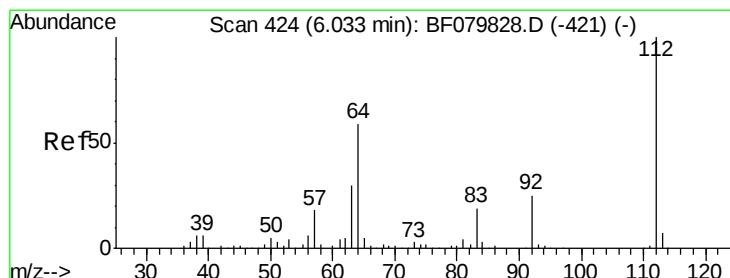
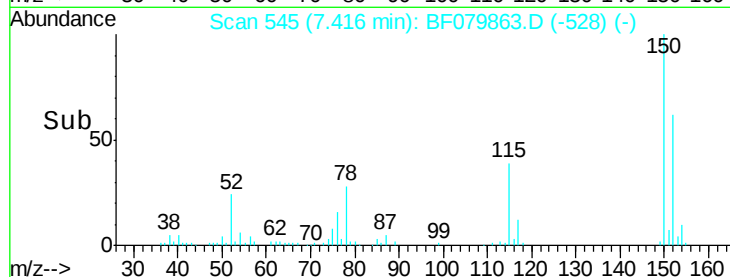
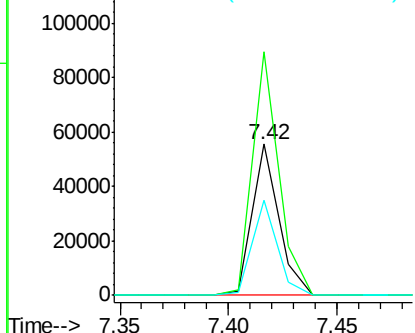
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF079863.D
Acq: 10 Jun 2015 14:21

Instrument :
BNA_F
ClientSampleId :
P5-12A(UNFILTERED)

Tgt Ion:152 Resp: 46818
Ion Ratio Lower Upper
152 100
150 160.9 131.4 197.2
115 62.5 56.5 84.7



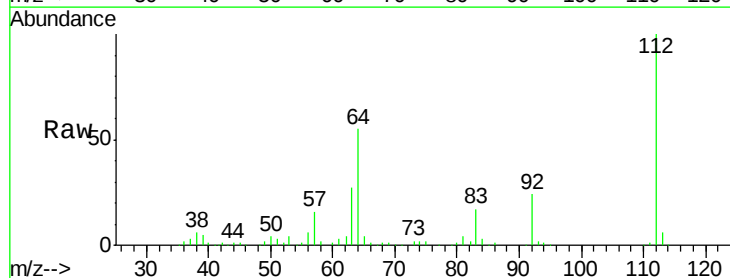
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



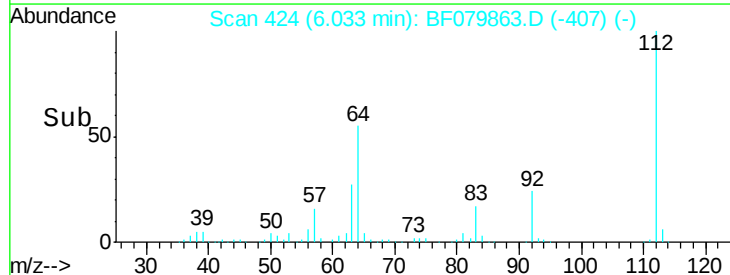
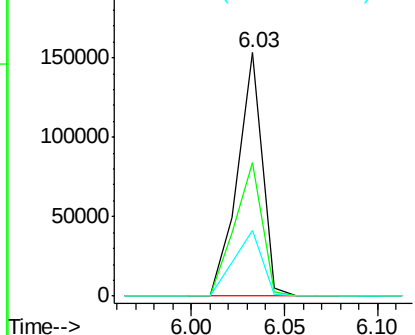
#5

2-Fluorophenol
Concen: 50.20 ng
RT: 6.03 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF079863.D
Acq: 10 Jun 2015 14:21

Tgt Ion:112 Resp: 142597
Ion Ratio Lower Upper
112 100
64 54.8 44.2 66.4
63 26.9 22.8 34.2



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: 32.10 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079863.D

Acq: 10 Jun 2015 14:21

Instrument :

BNA_F

ClientSampleId :

P5-12A(UNFILTERED)

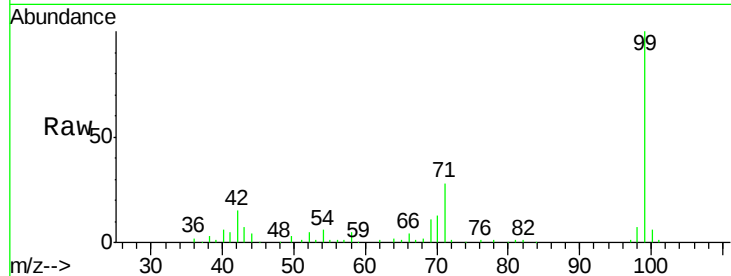
Tgt Ion: 99 Resp: 117974

Ion Ratio Lower Upper

99 100

42 14.9 13.7 20.5

71 28.1 25.1 37.7

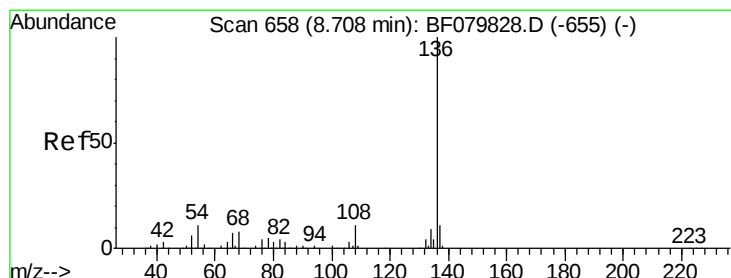
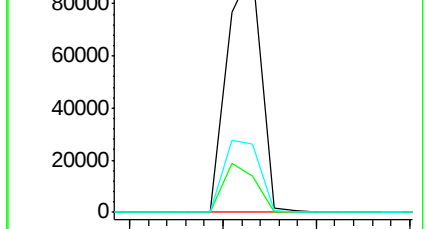
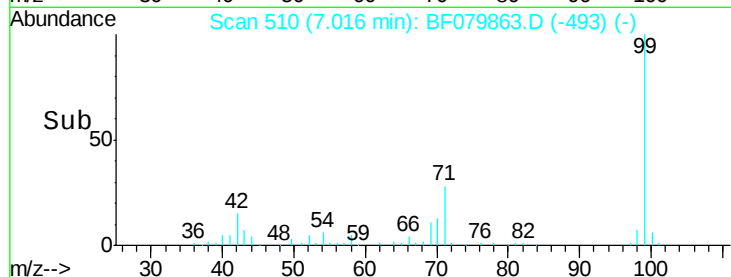


Abundance Ion 99.00 (98.70 to 99.70): BF079828.D (-507) (-)

Ion 42.00 (41.70 to 42.70): BF079828.D (-507) (-)

Ion 71.00 (70.70 to 71.70): BF079828.D (-507) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079863.D

Acq: 10 Jun 2015 14:21

Tgt Ion: 136 Resp: 187495

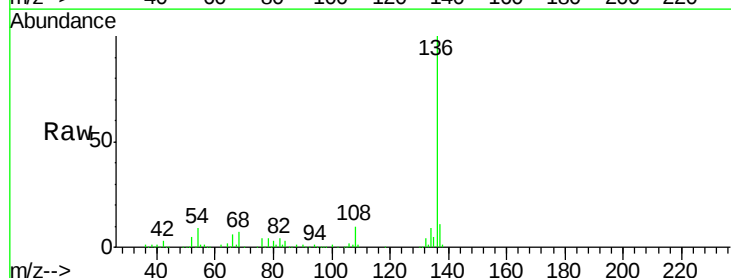
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 8.9 8.1 12.1

68 6.6 4.8 7.2



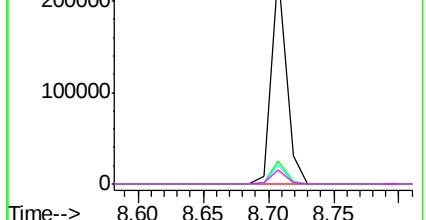
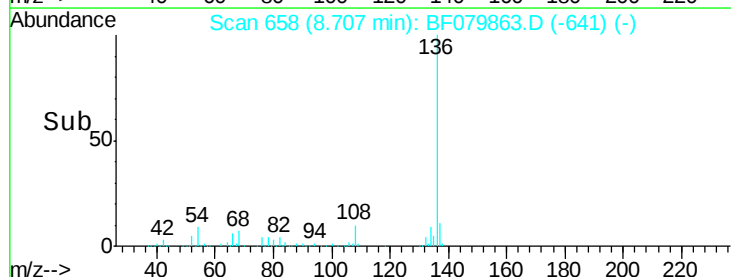
Abundance Ion 136.00 (135.70 to 136.70): BF079828.D (-655) (-)

Ion 137.00 (136.70 to 137.70): BF079828.D (-655) (-)

Ion 54.00 (53.70 to 54.70): BF079828.D (-655) (-)

Ion 68.00 (67.70 to 68.70): BF079828.D (-655) (-)

Time-->

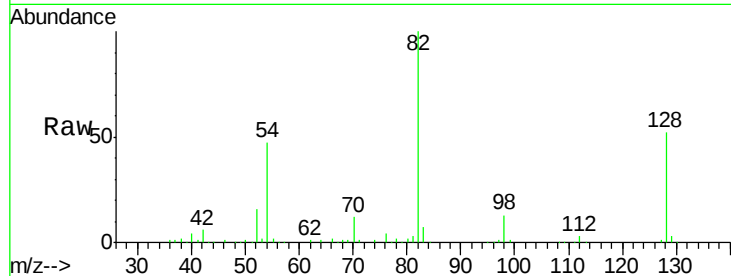




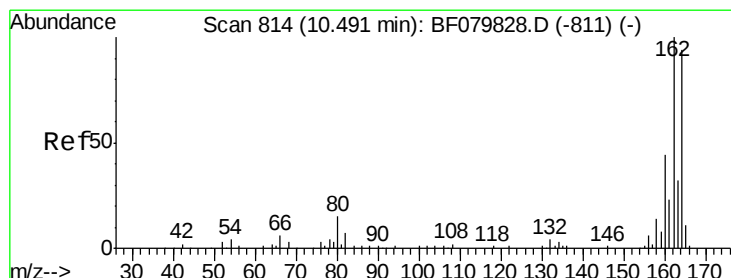
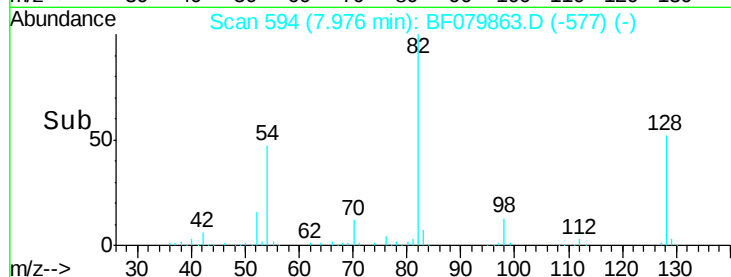
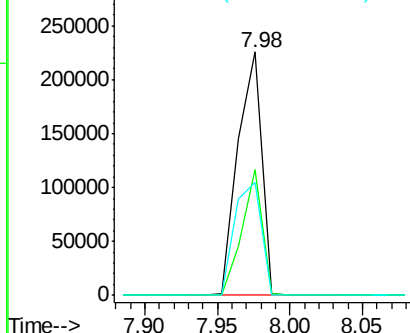
#23
Nitrobenzene-d5
Concen: 79.35 ng
RT: 7.98 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF079863.D
Acq: 10 Jun 2015 14:21

Instrument :
BNA_F
ClientSampleId :
P5-12A(UNFILTERED)

Tgt Ion: 82 Resp: 257526
Ion Ratio Lower Upper
82 100
128 51.9 35.2 52.8
54 46.5 39.2 58.8

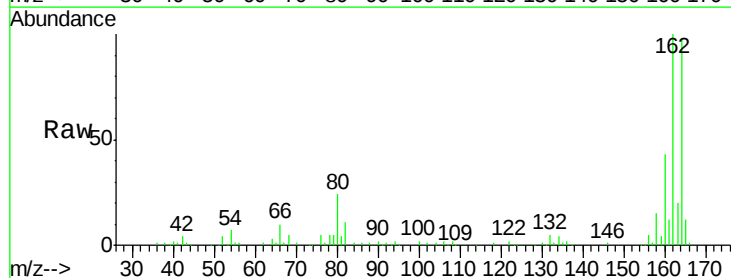


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

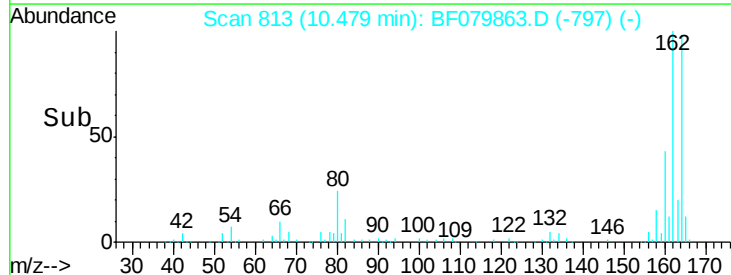
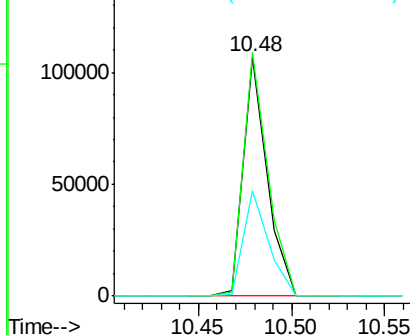


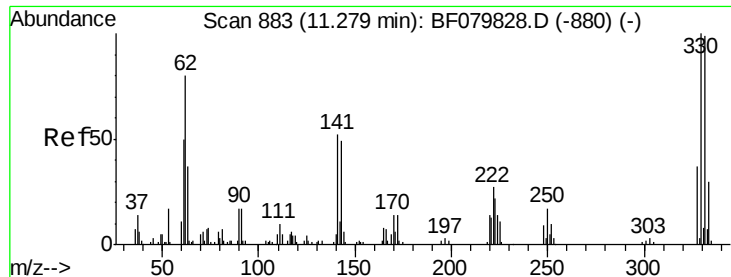
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.48 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF079863.D
Acq: 10 Jun 2015 14:21

Tgt Ion: 164 Resp: 95326
Ion Ratio Lower Upper
164 100
162 101.9 89.8 134.8
160 43.9 39.6 59.4



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

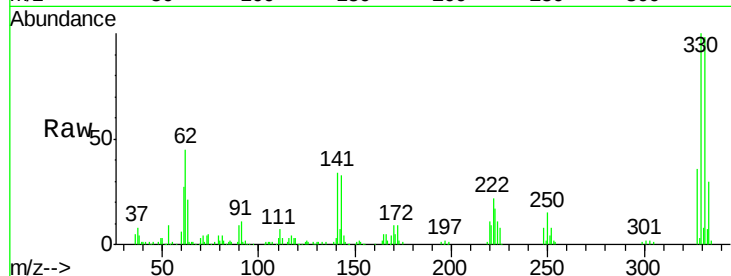




#41
 2,4,6-Tribromophenol
 Concen: 155.85 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079863.D
 Acq: 10 Jun 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 P5-12A(UNFILTERED)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	36.6	29.1	43.7

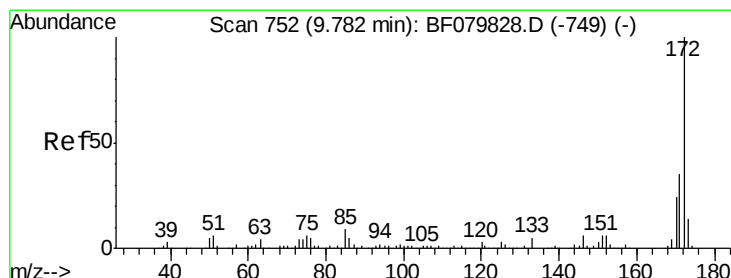
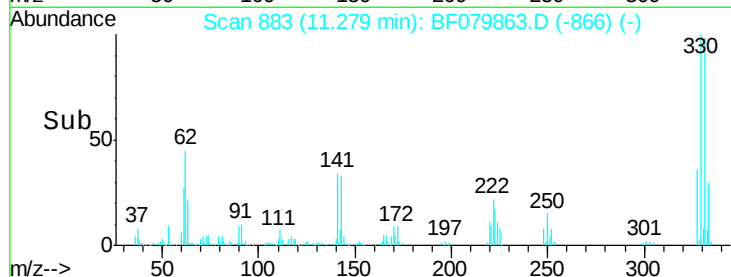
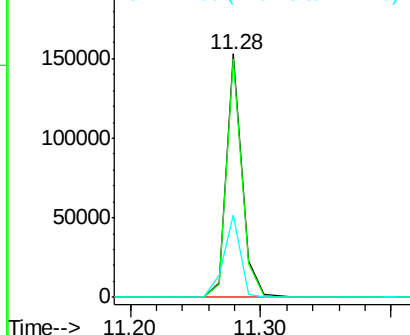


Abundance

Ion 329.80 (329.50 to 330.50): E

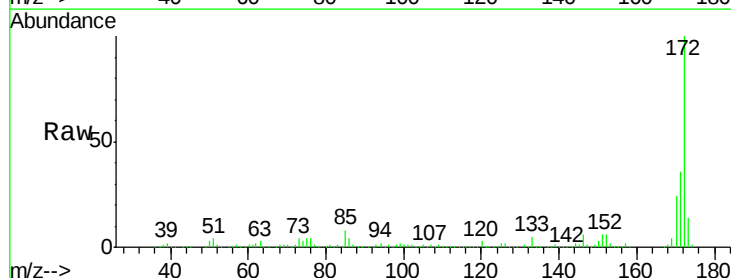
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.81 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079863.D
 Acq: 10 Jun 2015 14:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	24.0	18.8	28.2

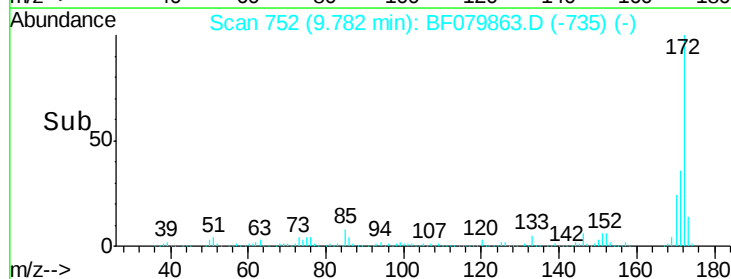
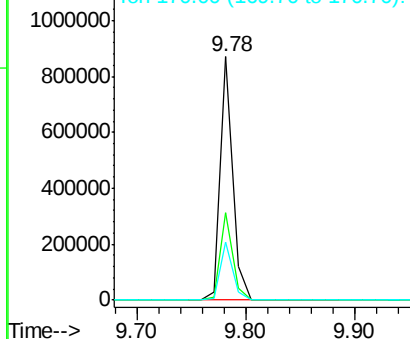


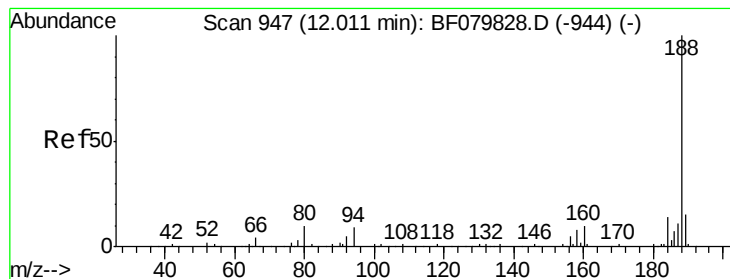
Abundance

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: 12.01 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF079863.D

Acq: 10 Jun 2015 14:21

Instrument :

BNA_F

ClientSampleId :

P5-12A(UNFILTERED)

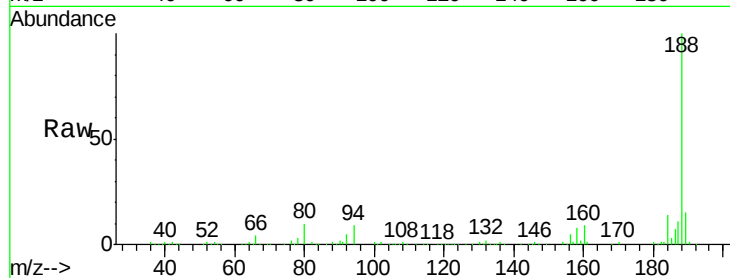
Tgt Ion:188 Resp: 197314

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.0

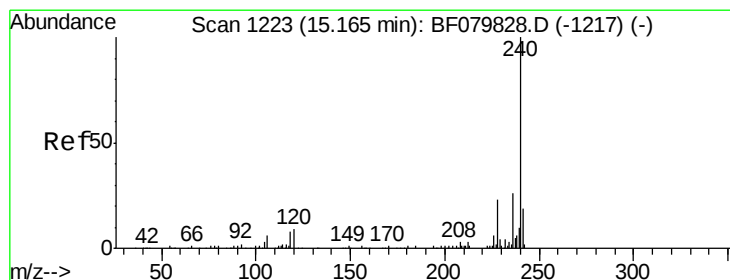
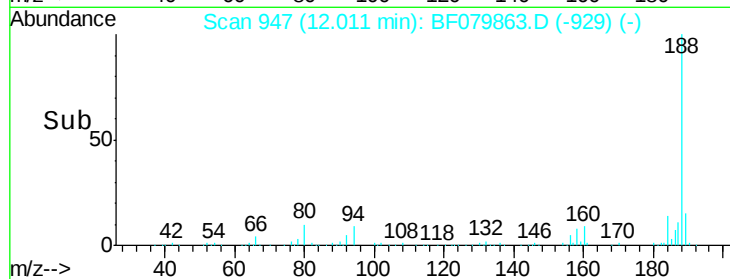
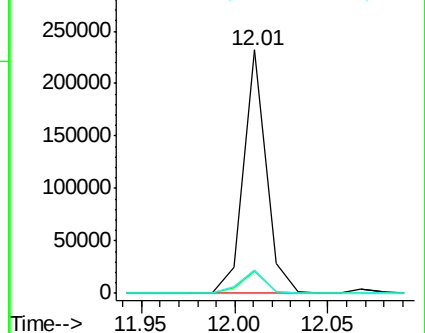
80 9.9 8.0 12.0



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: 15.17 min Scan# 1223

Delta R.T. 0.09 min

Lab File: BF079863.D

Acq: 10 Jun 2015 14:21

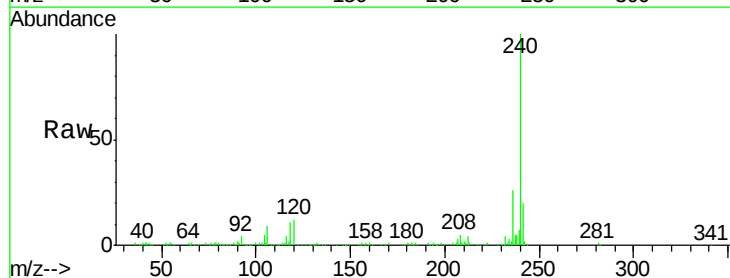
Tgt Ion:240 Resp: 195718

Ion Ratio Lower Upper

240 100

120 12.2 6.6 9.8#

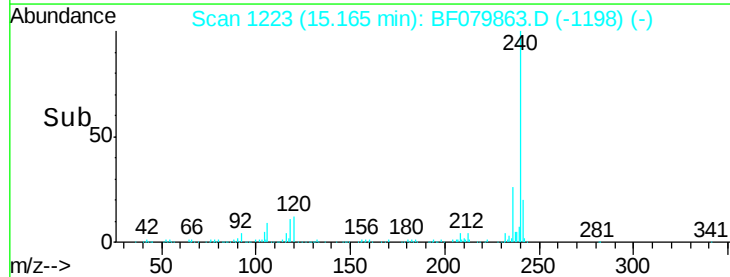
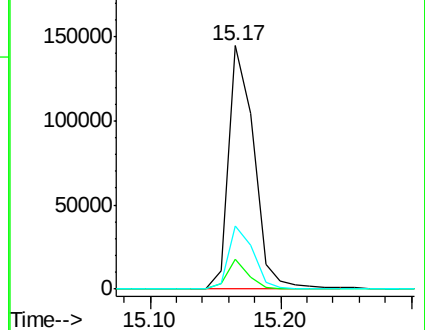
236 25.9 20.2 30.4

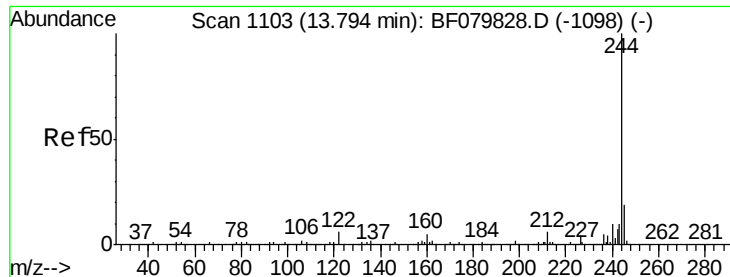


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

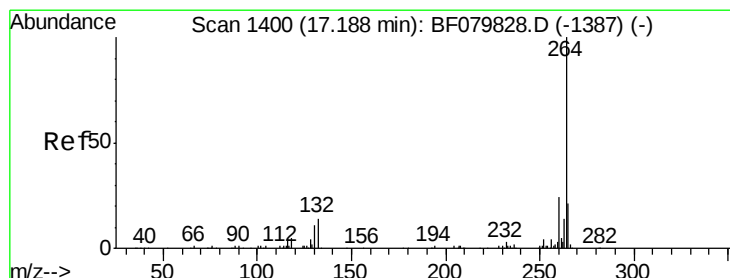
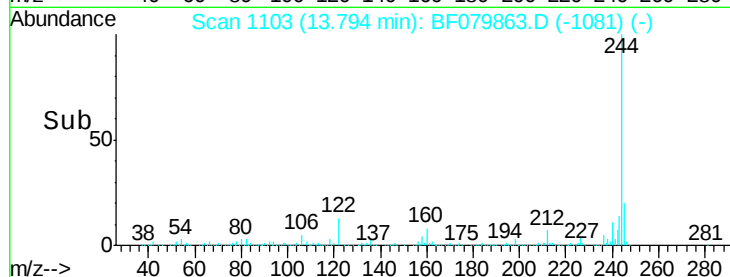
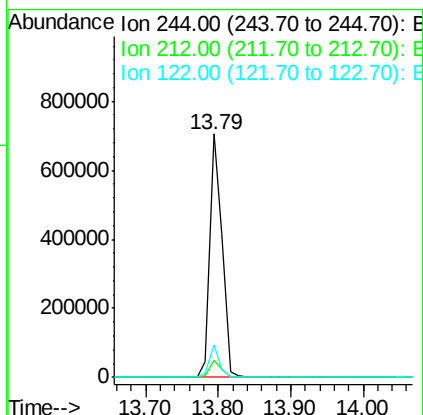
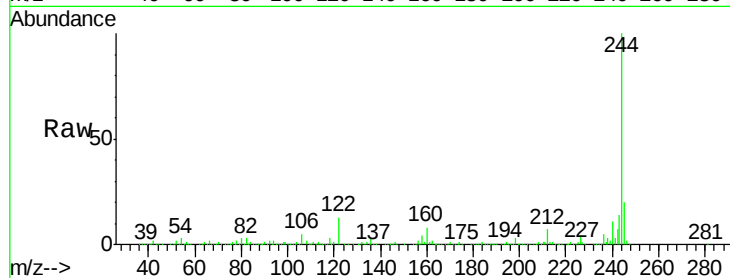




#78
 Terphenyl-d14
 Concen: 94.36 ng
 RT: 13.79 min Scan# 1103
 Delta R.T. 0.06 min
 Lab File: BF079863.D
 Acq: 10 Jun 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 P5-12A(UNFILTERED)

Tgt Ion:244 Resp: 819194
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 13.2 8.2 12.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.19 min Scan# 1400
 Delta R.T. 0.16 min
 Lab File: BF079863.D
 Acq: 10 Jun 2015 14:21

Tgt Ion:264 Resp: 181906
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 20.6 18.0 27.0

