

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079865.D
 Acq On : 10 Jun 2015 15:20
 Operator : TP/IZ
 Sample : G2536-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jun 11 01:28:15 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

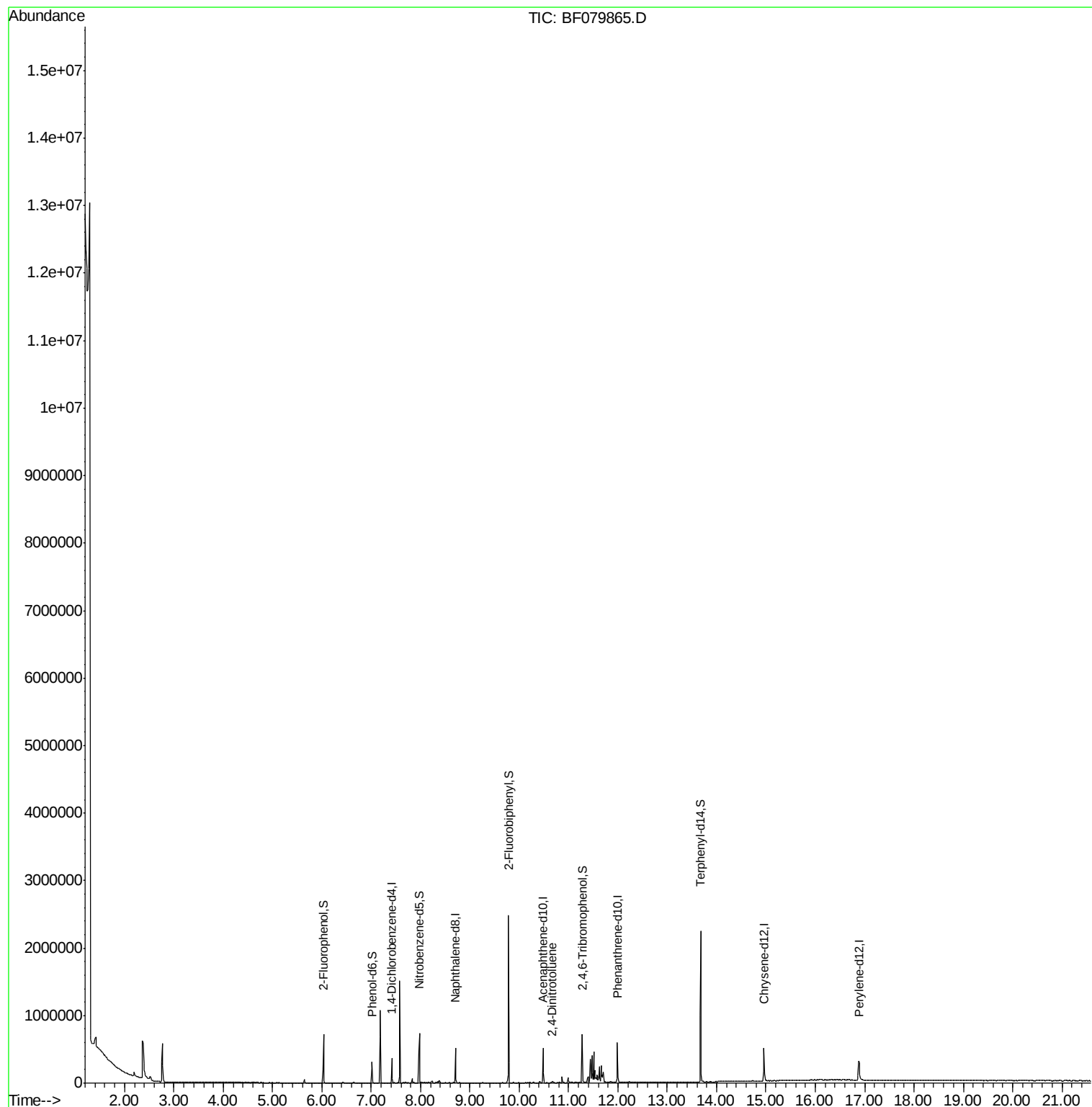
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	50211	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	197928	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	99390	20.00	ng	-0.01
63) Phenanthrene-d10	11.99	188	200156	20.00	ng	-0.01
75) Chrysene-d12	14.96	240	205217	20.00	ng	-0.11
86) Perylene-d12	16.88	264	191259	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	183311	60.17	ng	0.00
7) Phenol-d6	7.02	99	134290	34.07	ng	0.00
23) Nitrobenzene-d5	7.98	82	283058	82.62	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	120347	139.92	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	678600	96.03	ng	0.00
78) Terphenyl-d14	13.68	244	823381	90.45	ng	-0.06
Target Compounds						
56) 2,4-Dinitrotoluene	10.67	165	660	6.95	ng	Qvalue # 32

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

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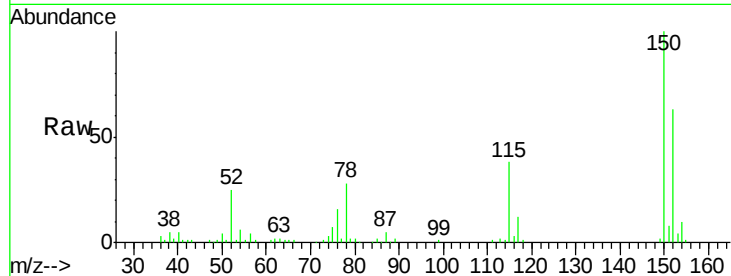


#1

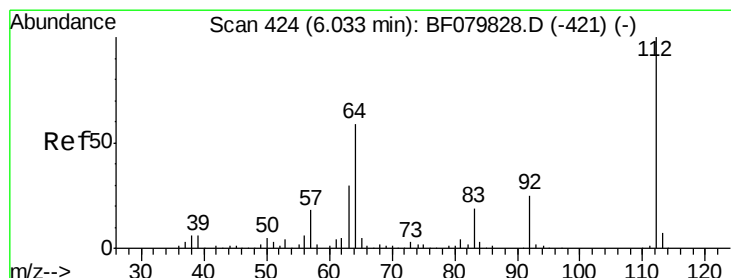
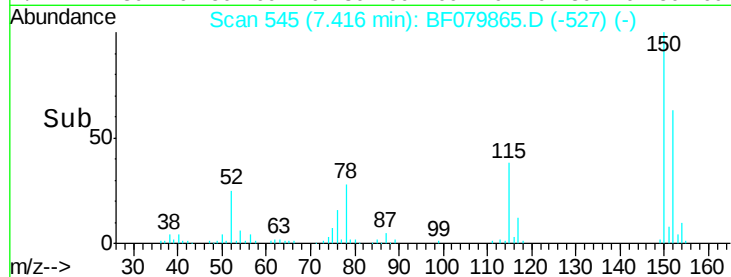
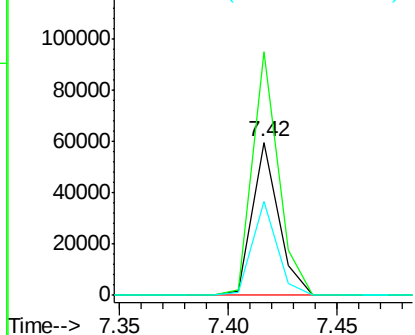
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF079865.D
Acq: 10 Jun 2015 15:20

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

Tgt Ion:152 Resp: 50211
Ion Ratio Lower Upper
152 100
150 158.8 131.4 197.2
115 61.1 56.5 84.7



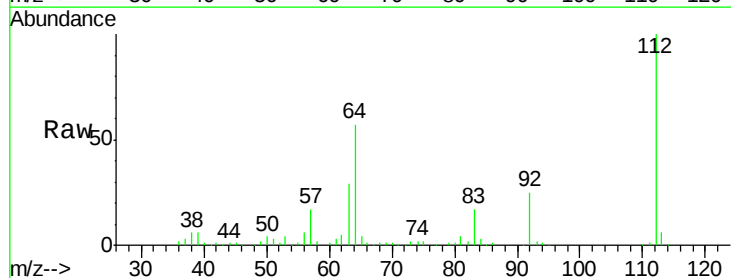
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



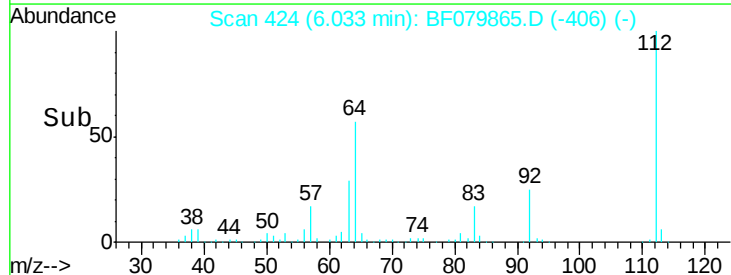
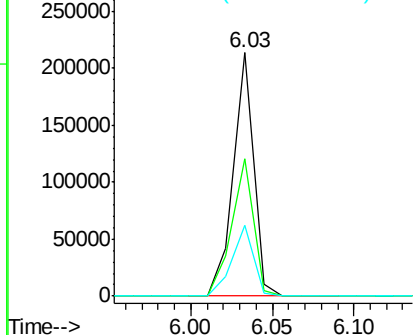
#5

2-Fluorophenol
Concen: 60.17 ng
RT: 6.03 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF079865.D
Acq: 10 Jun 2015 15:20

Tgt Ion:112 Resp: 183311
Ion Ratio Lower Upper
112 100
64 56.6 44.2 66.4
63 29.1 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: 34.07 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079865.D

Acq: 10 Jun 2015 15:20

Instrument :

BNA_F

ClientSampleId :

P5-12A(FILTERED)

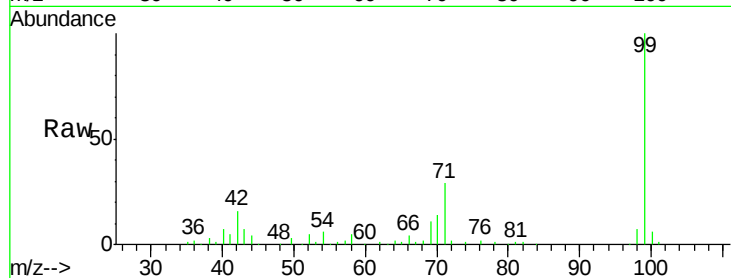
Tgt Ion: 99 Resp: 134290

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

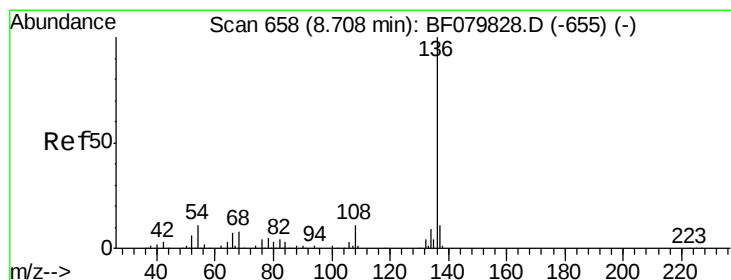
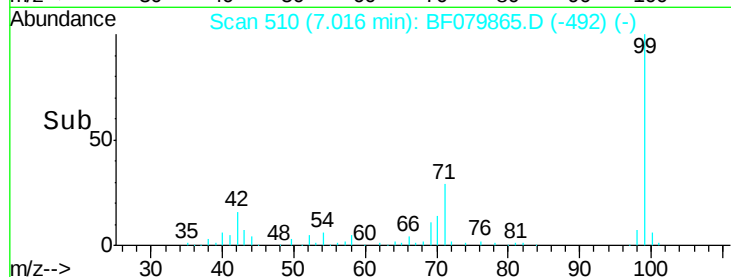
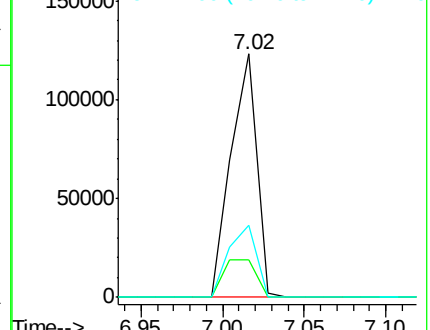
71 29.4 25.1 37.7



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: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079865.D

Acq: 10 Jun 2015 15:20

Tgt Ion: 136 Resp: 197928

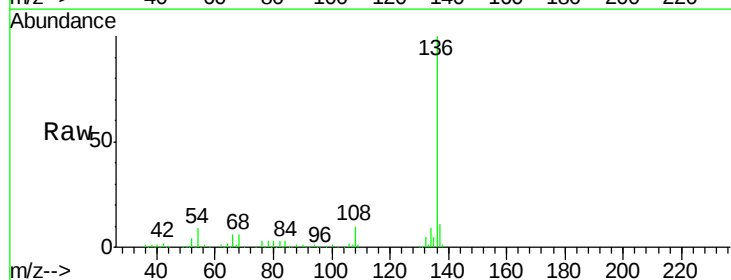
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 8.8 8.1 12.1

68 6.2 4.8 7.2

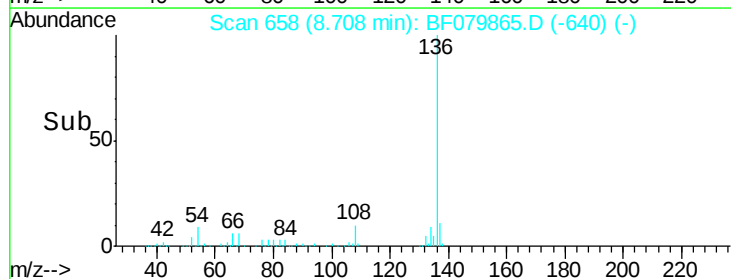
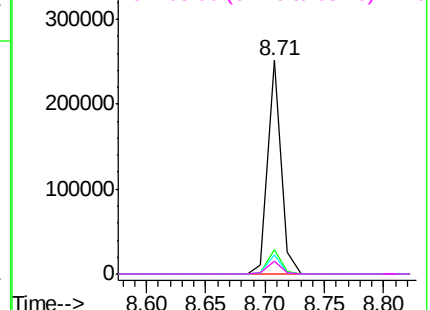


Abundance Ion 136.00 (135.70 to 136.70): E

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

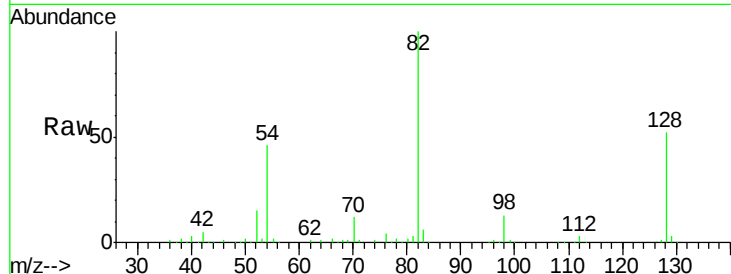




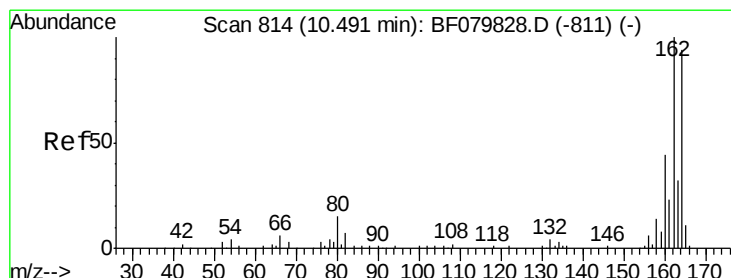
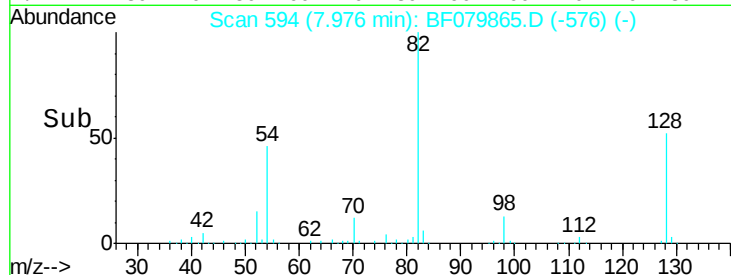
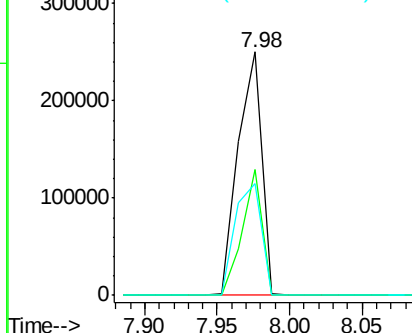
#23
 Nitrobenzene-d5
 Concen: 82.62 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079865.D
 Acq: 10 Jun 2015 15:20

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.5	35.2	52.8
54	45.7	39.2	58.8

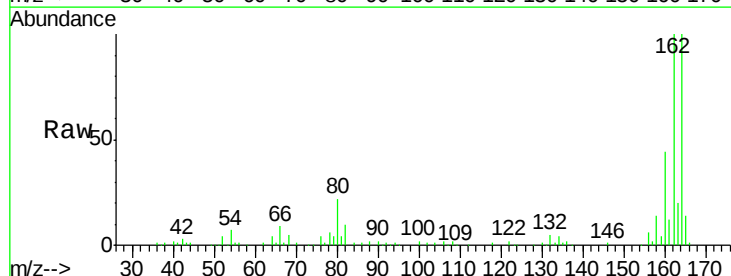


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

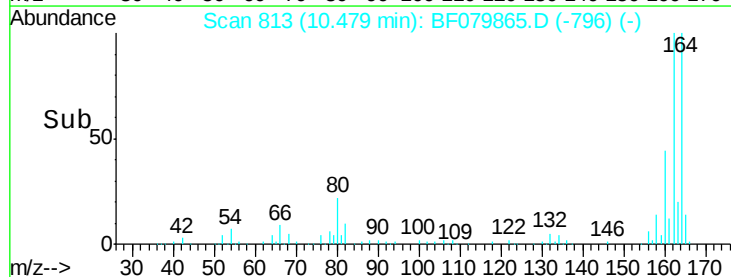
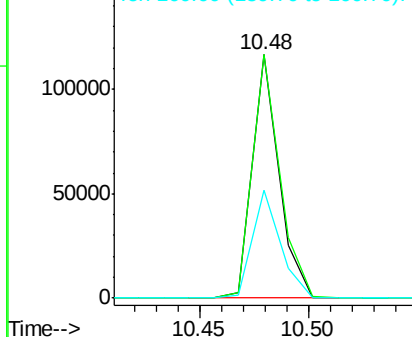


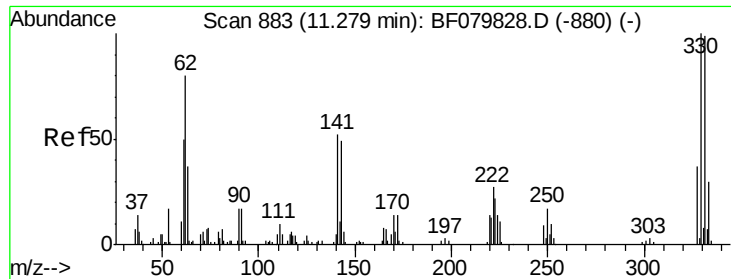
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF079865.D
 Acq: 10 Jun 2015 15:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	89.8	134.8
160	44.1	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

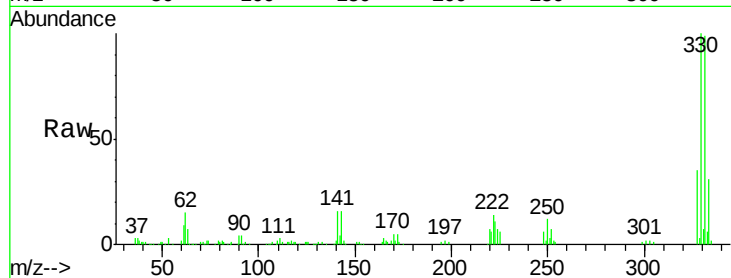




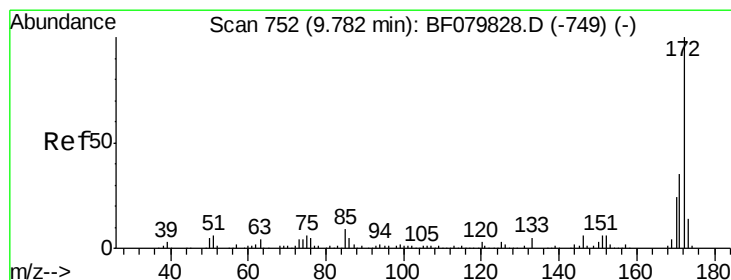
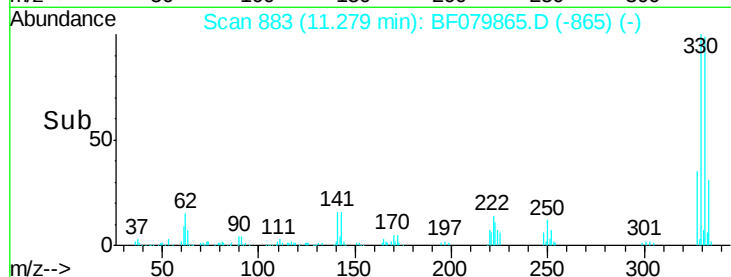
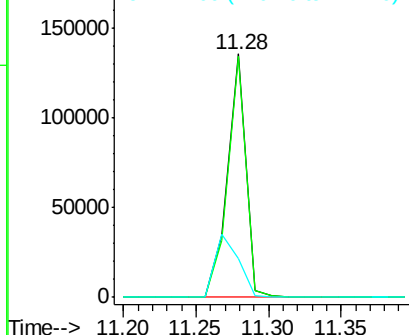
#41
 2,4,6-Tribromophenol
 Concen: 139.92 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079865.D
 Acq: 10 Jun 2015 15:20

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

Tgt Ion:330 Resp: 120347
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.8 115.2
 141 33.1 29.1 43.7

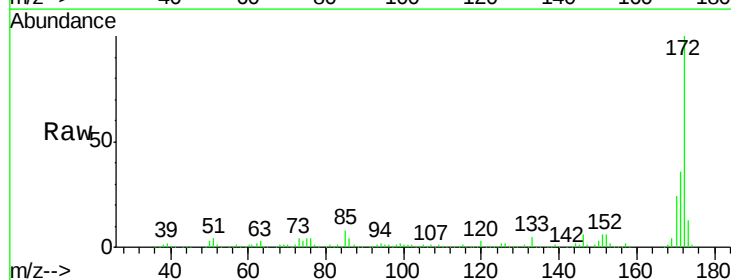


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

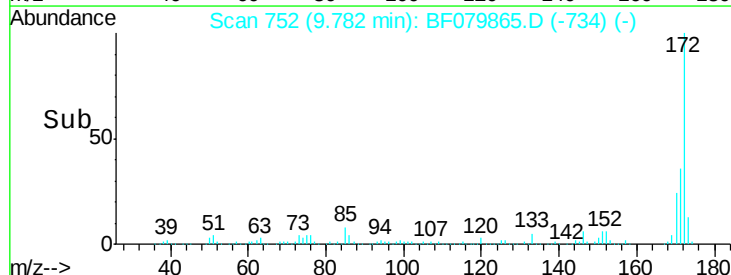
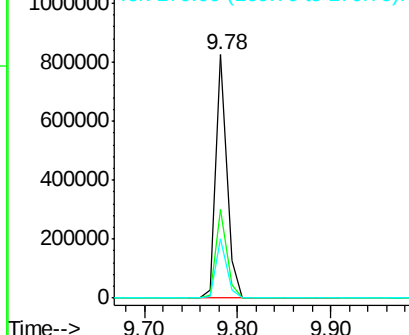


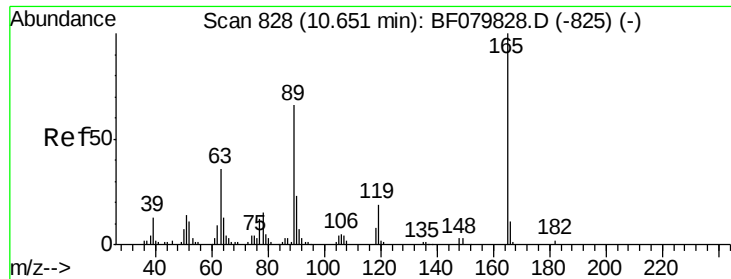
#44
 2-Fluorobiphenyl
 Concen: 96.03 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079865.D
 Acq: 10 Jun 2015 15:20

Tgt Ion:172 Resp: 678600
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.5 42.7
 170 24.4 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

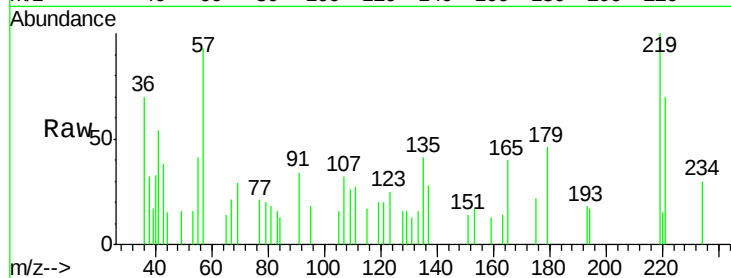




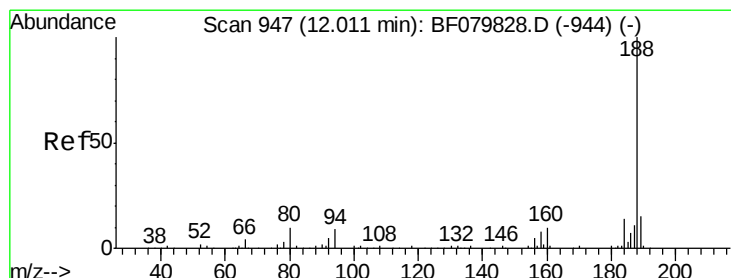
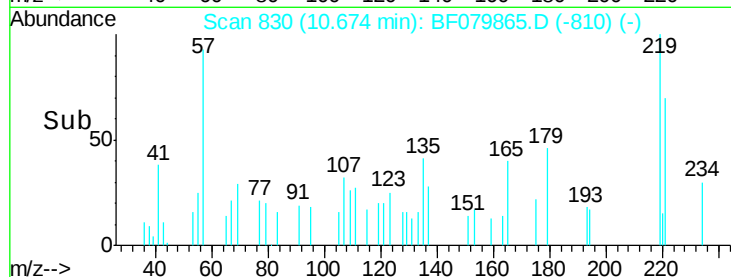
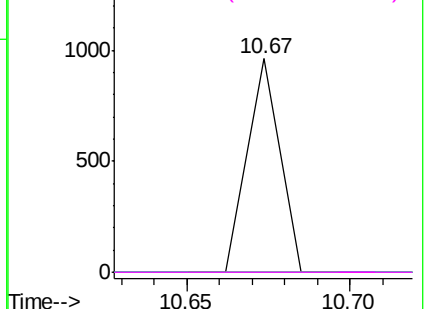
#56
2,4-Dinitrotoluene
Concen: 6.95 ng
RT: 10.67 min Scan# 830
Delta R.T. 0.02 min
Lab File: BF079865.D
Acq: 10 Jun 2015 15:20

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

Tgt Ion:165 Resp: 660
Ion Ratio Lower Upper
165 100
63 0.0 24.4 36.6#
89 0.0 45.3 67.9#
182 0.0 2.0 3.0#

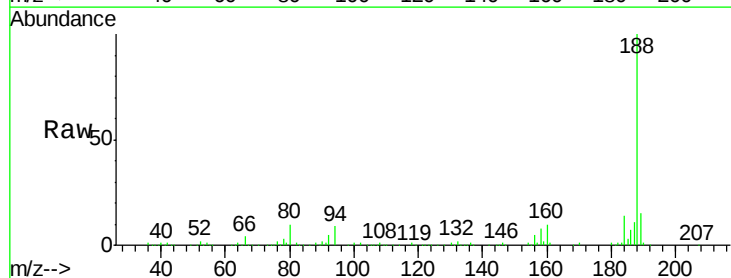


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

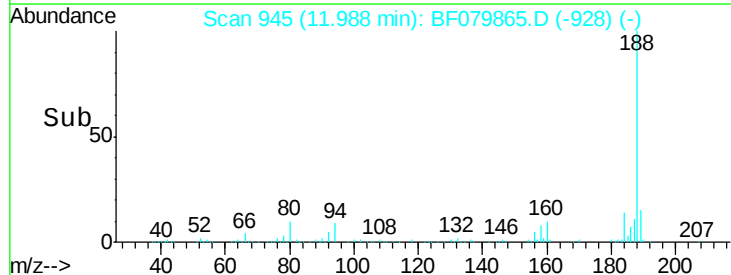
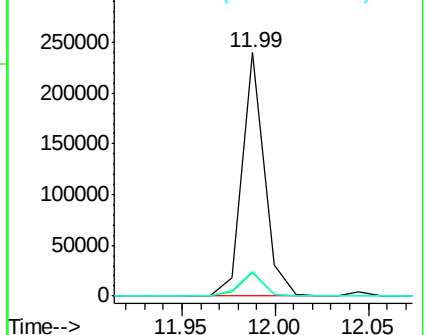


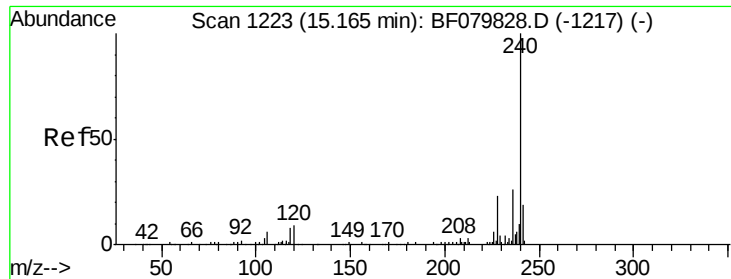
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.99 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF079865.D
Acq: 10 Jun 2015 15:20

Tgt Ion:188 Resp: 200156
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.1 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

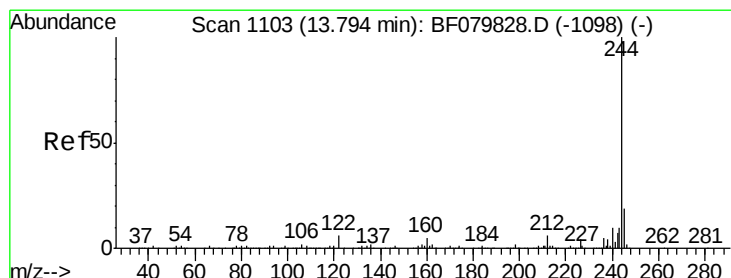
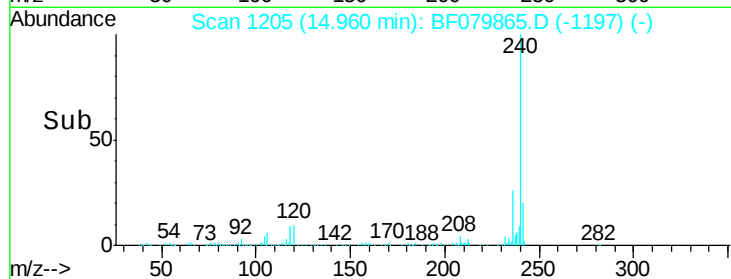
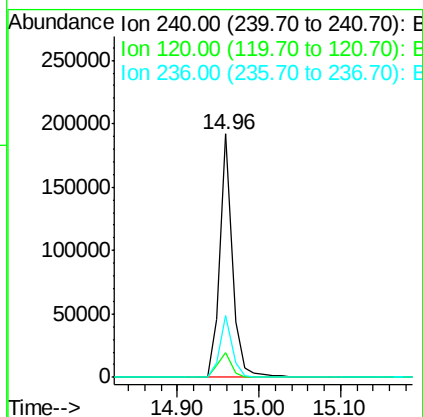
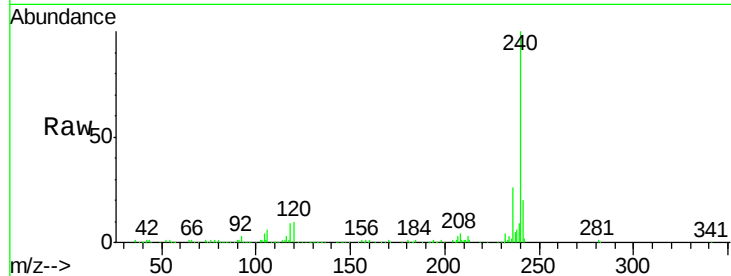




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1205
Delta R.T. -0.11 min
Lab File: BF079865.D
Acq: 10 Jun 2015 15:20

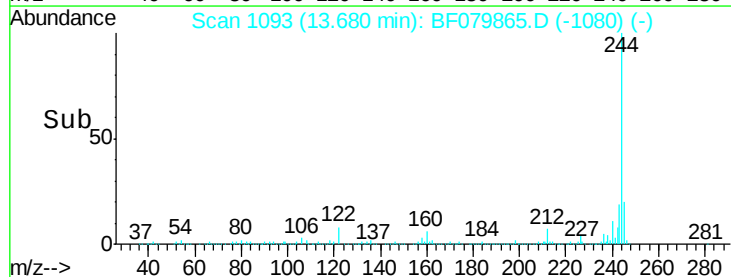
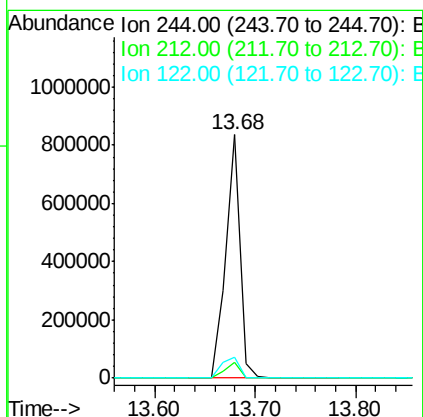
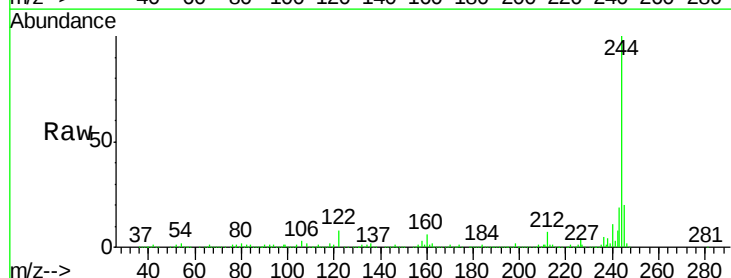
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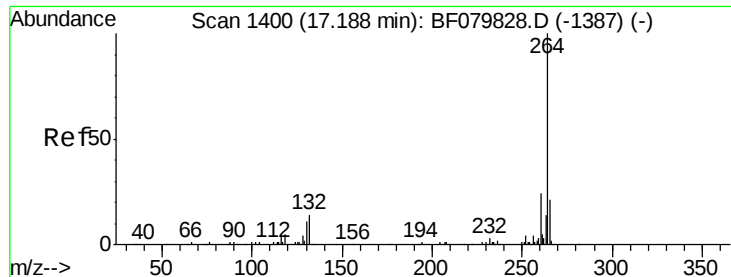
Tgt Ion:240 Resp: 205217
Ion Ratio Lower Upper
240 100
120 9.9 6.6 9.8#
236 25.5 20.2 30.4



#78
Terphenyl-d14
Concen: 90.45 ng
RT: 13.68 min Scan# 1093
Delta R.T. -0.06 min
Lab File: BF079865.D
Acq: 10 Jun 2015 15:20

Tgt Ion:244 Resp: 823381
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 8.5 8.2 12.2

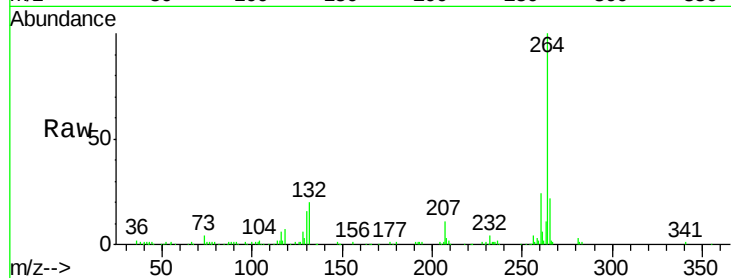




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.88 min Scan# 1373
Delta R.T. -0.15 min
Lab File: BF079865.D
Acq: 10 Jun 2015 15:20

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.6	18.0	27.0



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

