

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
 Data File : BF079124.D
 Acq On : 11 May 2015 19:12
 Operator : TP/IZ
 Sample : G2176-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-12A(15-20)

Quant Time: May 12 01:57:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 01:34:40 2015
 Response via : Initial Calibration

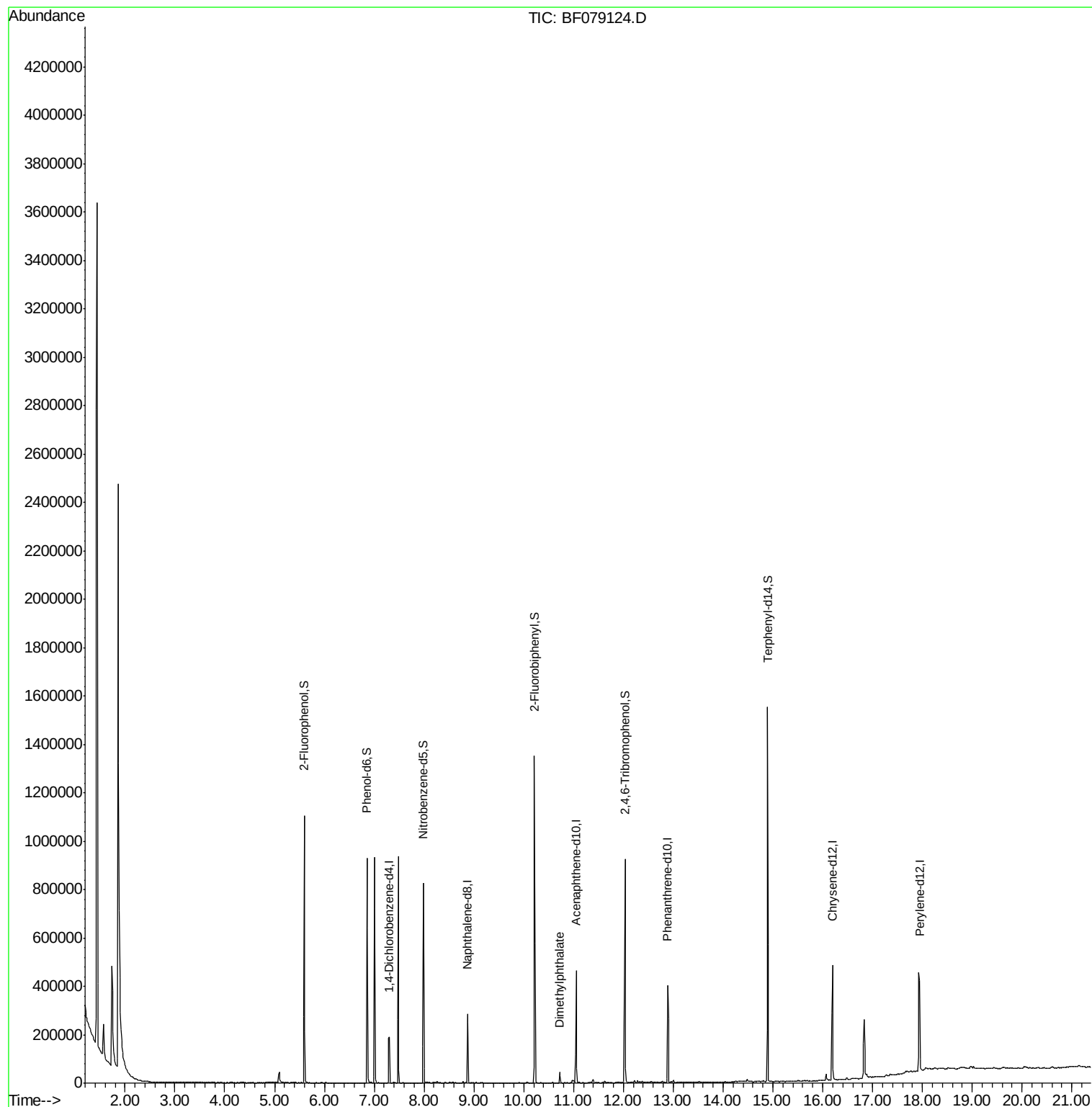
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	44222	20.00	ng	0.00
21) Naphthalene-d8	8.87	136	186663	20.00	ng	-0.01
38) Acenaphthene-d10	11.05	164	95100	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	190861	20.00	ng	-0.01
75) Chrysene-d12	16.19	240	207376	20.00	ng	-0.03
86) Perylene-d12	17.94	264	231678	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	329293	128.18	ng	0.01
7) Phenol-d6	6.86	99	425945	125.43	ng	0.00
23) Nitrobenzene-d5	7.99	82	248160	76.41	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	132632	128.92	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	479645	70.27	ng	-0.01
78) Terphenyl-d14	14.89	244	569606	65.76	ng	-0.01
Target Compounds						
49) Dimethylphthalate	10.72	163	23991	3.44	ng	Qvalue 98

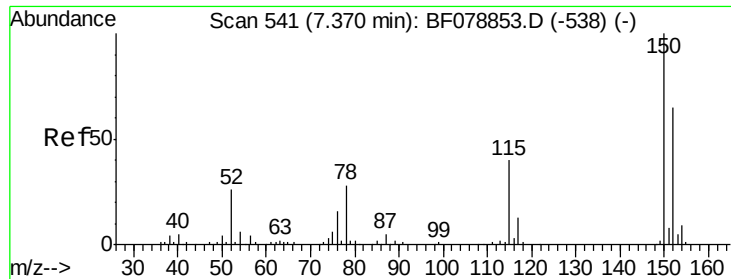
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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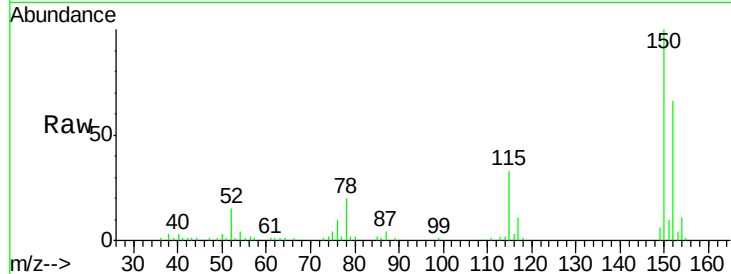


#1

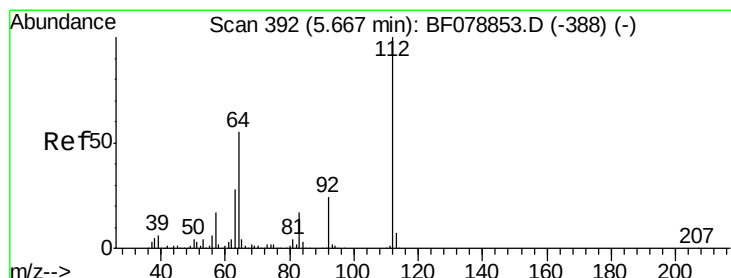
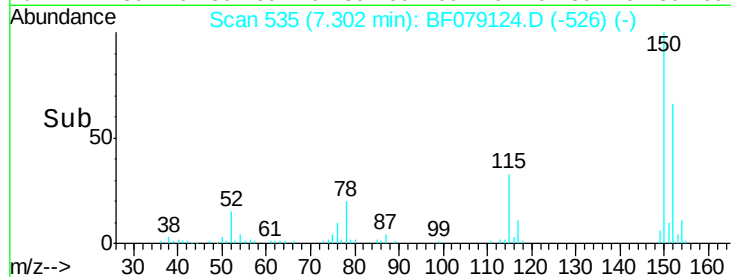
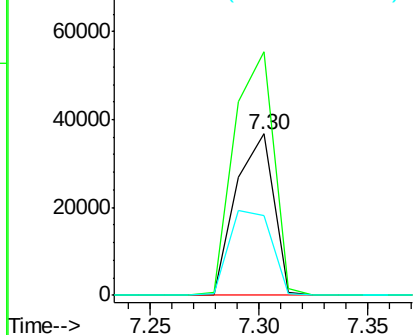
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF079124.D
Acq: 11 May 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PS-12A(15-20)

Tgt Ion:152 Resp: 44222
Ion Ratio Lower Upper
152 100
150 151.0 122.0 183.0
115 49.6 46.3 69.5



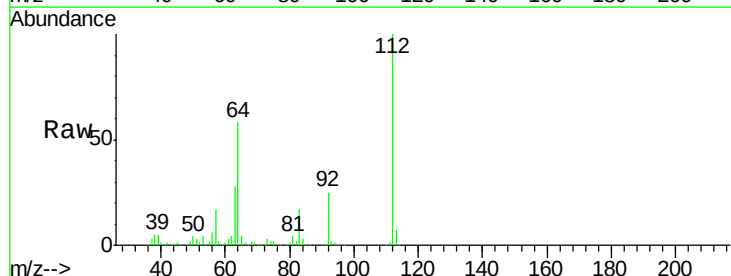
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



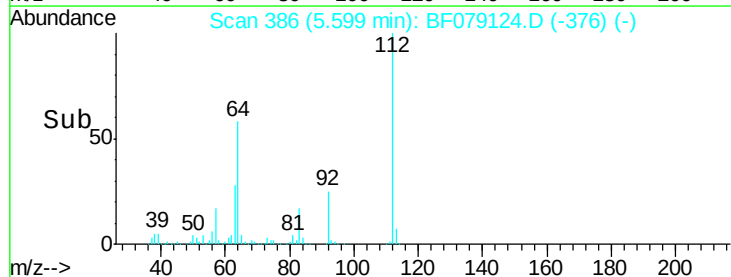
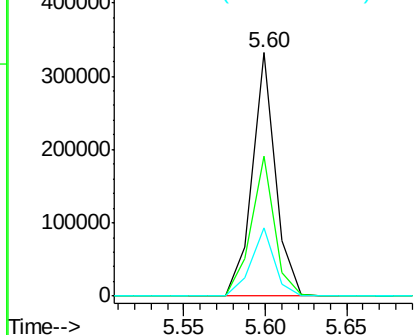
#5

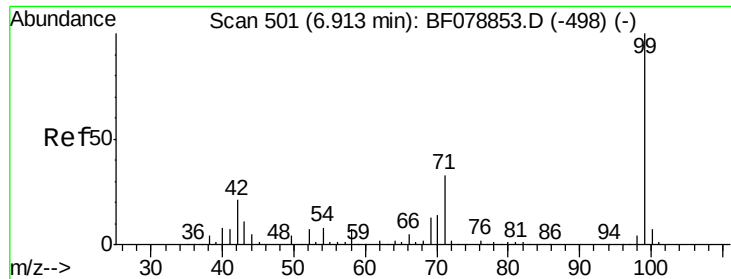
2-Fluorophenol
Concen: 128.18 ng
RT: 5.60 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF079124.D
Acq: 11 May 2015 19:12

Tgt Ion:112 Resp: 329293
Ion Ratio Lower Upper
112 100
64 57.7 53.5 80.3
63 28.2 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: 125.43 ng

RT: 6.86 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF079124.D

Acq: 11 May 2015 19:12

Instrument :

BNA_F

ClientSampleId :

PS-12A(15-20)

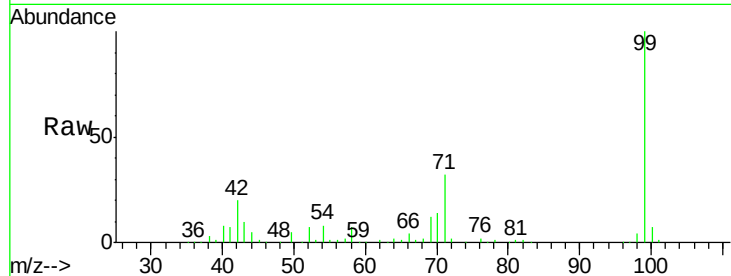
Tgt Ion: 99 Resp: 425945

Ion Ratio Lower Upper

99 100

42 20.2 12.8 19.2#

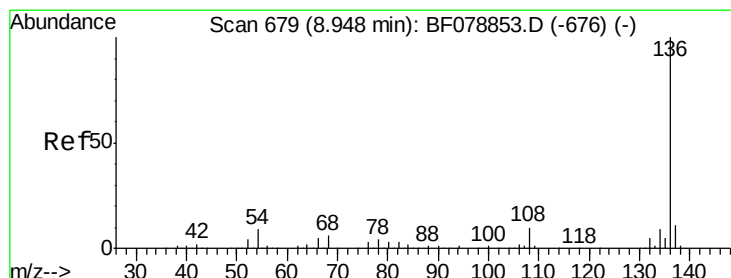
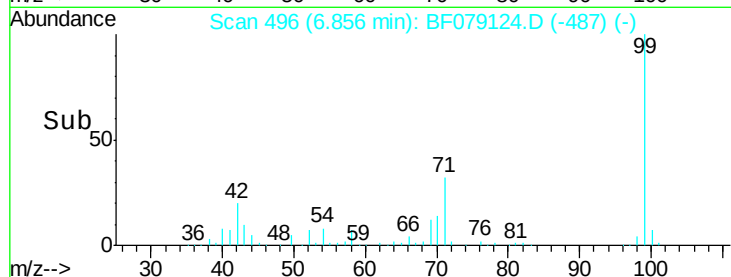
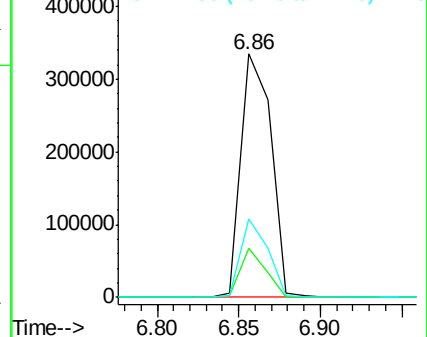
71 32.3 23.4 35.2



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: 8.87 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF079124.D

Acq: 11 May 2015 19:12

Tgt Ion: 136 Resp: 186663

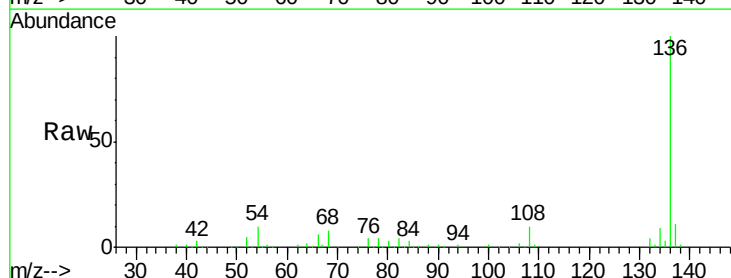
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.0 5.8 8.8#

68 7.7 4.2 6.4#

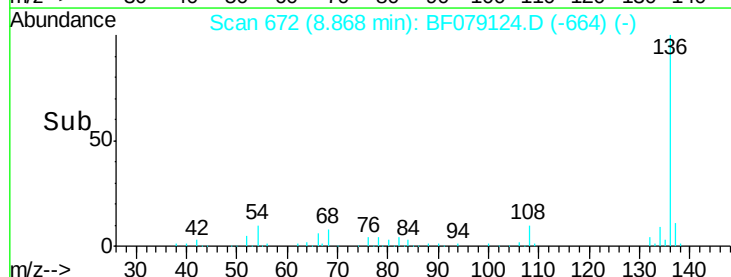
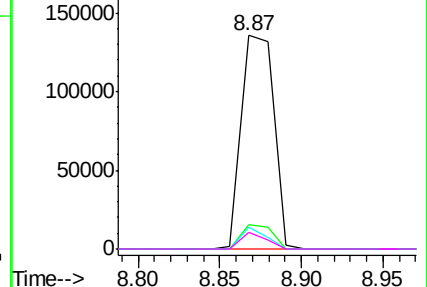


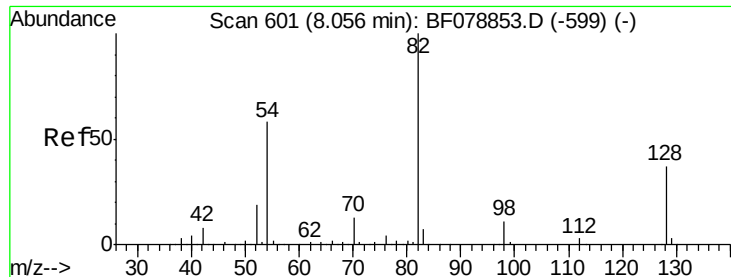
Abundance Ion 136.00 (135.70 to 136.70): E

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

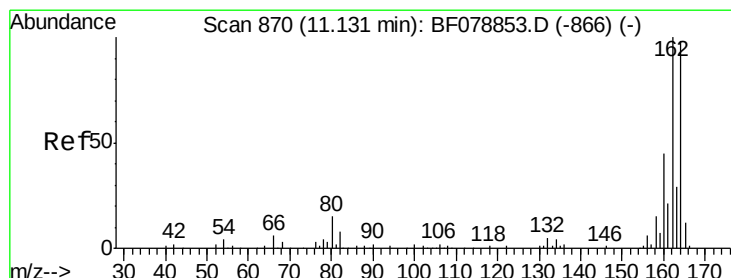
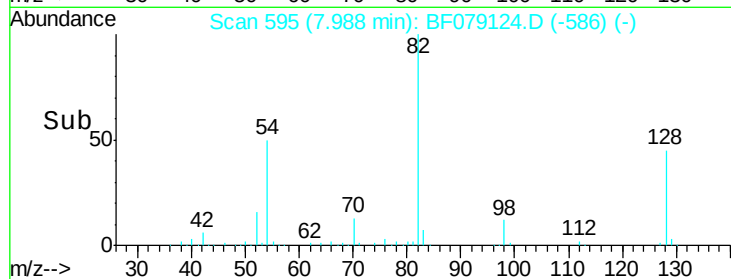
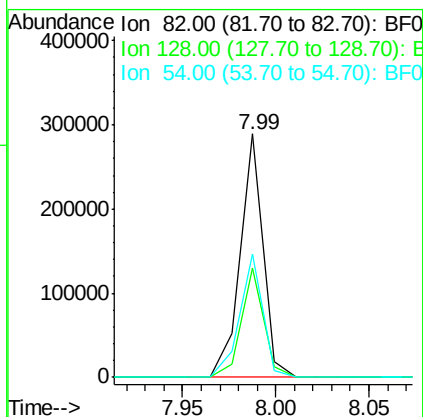
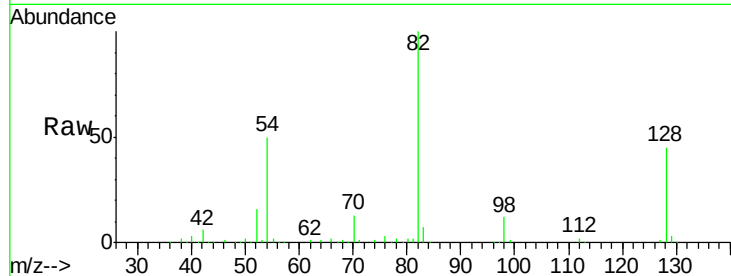




#23
 Nitrobenzene-d5
 Concen: 76.41 ng
 RT: 7.99 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF079124.D
 Acq: 11 May 2015 19:12

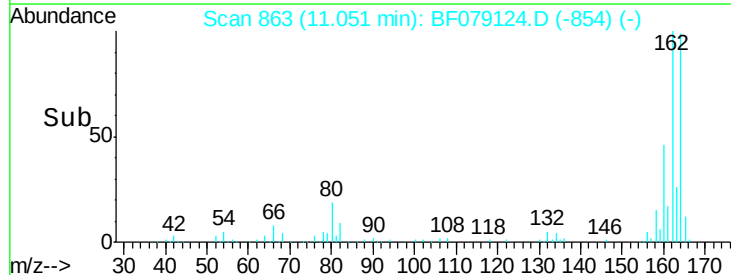
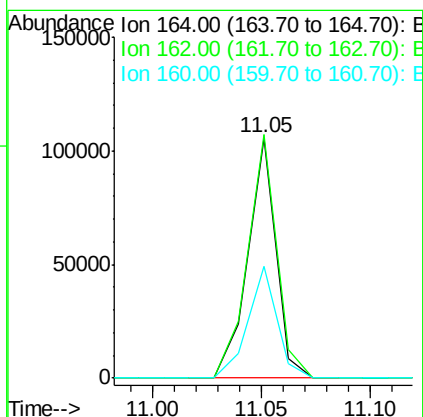
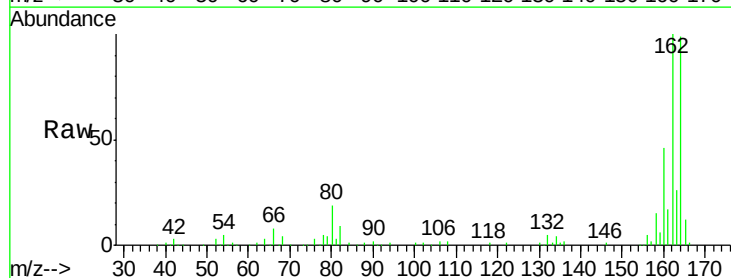
Instrument :
 BNA_F
 ClientSampleId :
 PS-12A(15-20)

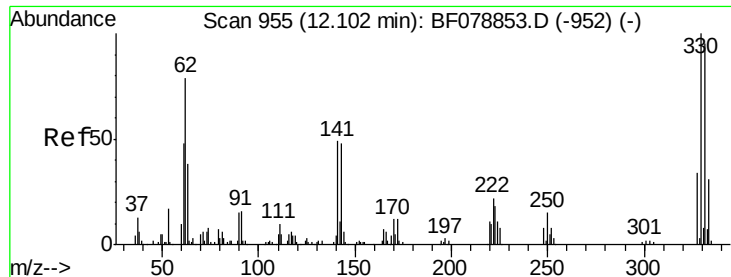
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	30.0	45.0
54	50.4	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF079124.D
 Acq: 11 May 2015 19:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.7	124.1
160	46.4	35.8	53.8

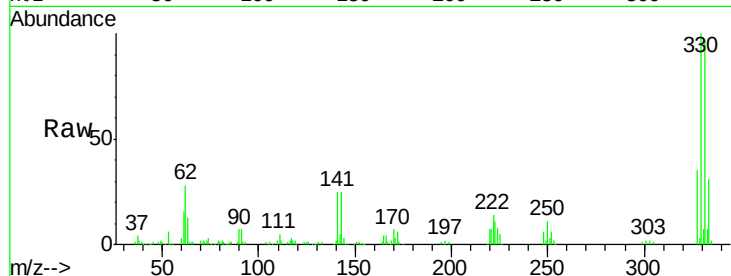




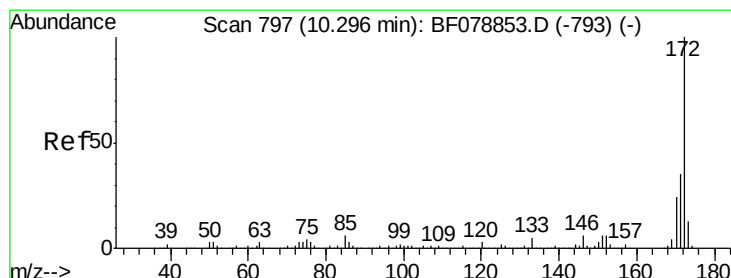
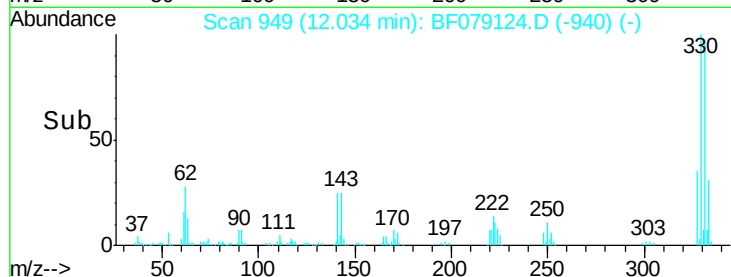
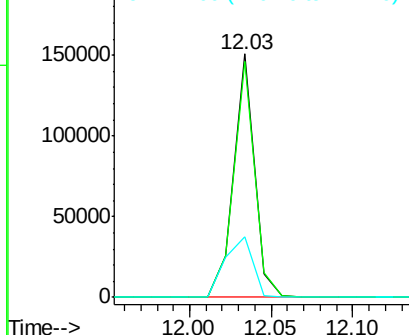
#41
 2,4,6-Tribromophenol
 Concen: 128.92 ng
 RT: 12.03 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF079124.D
 Acq: 11 May 2015 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PS-12A(15-20)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	33.3	0.0	0.0#

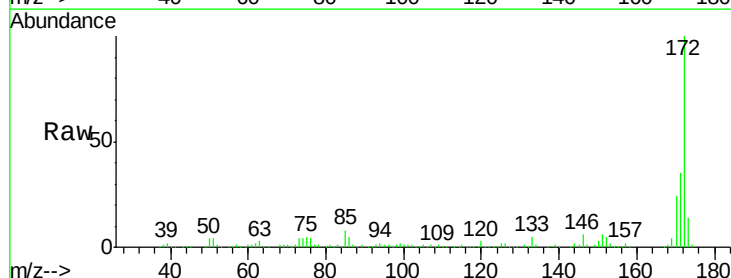


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

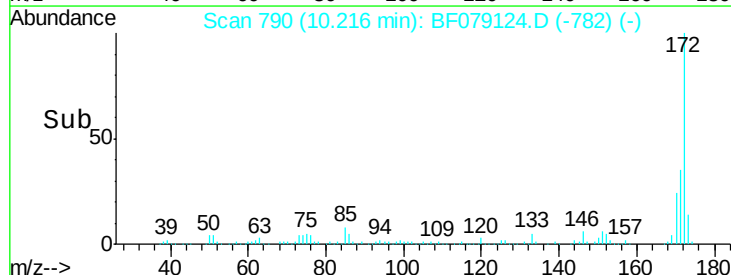
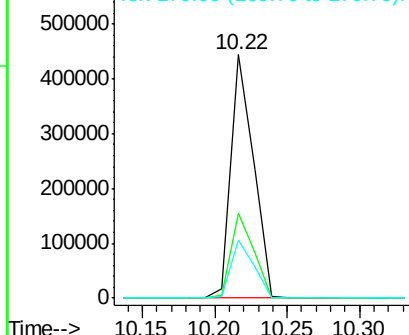


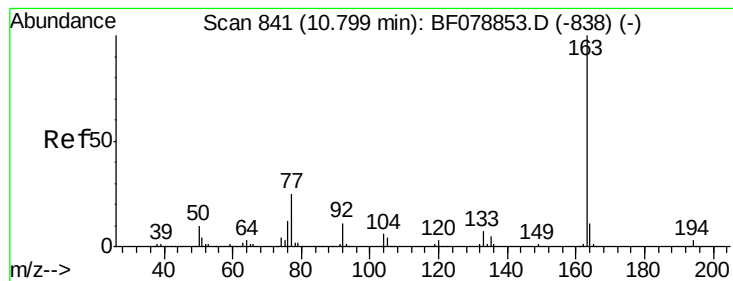
#44
 2-Fluorobiphenyl
 Concen: 70.27 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF079124.D
 Acq: 11 May 2015 19:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.6	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





#49

Dimethylphthalate

Concen: 3.44 ng

RT: 10.72 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF079124.D

Acq: 11 May 2015 19:12

Instrument :

BNA_F

ClientSampleId :

PS-12A(15-20)

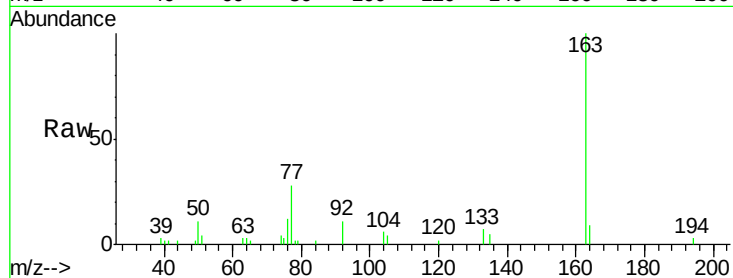
Tgt Ion:163 Resp: 23991

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

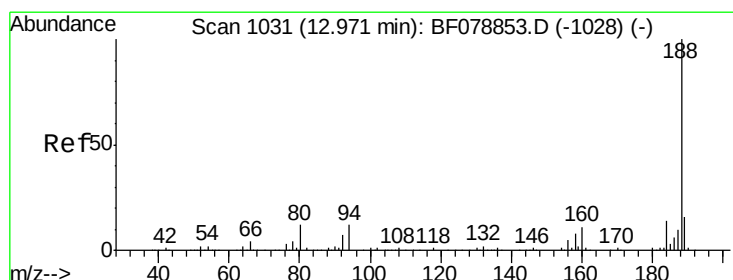
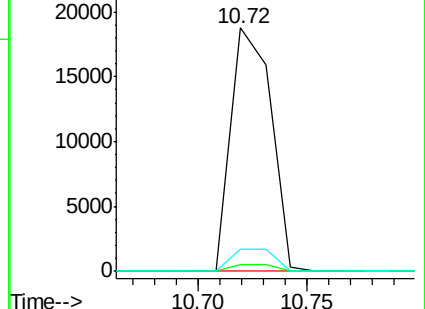
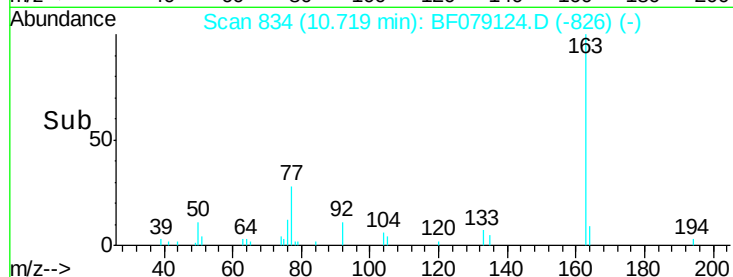
164 9.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.89 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF079124.D

Acq: 11 May 2015 19:12

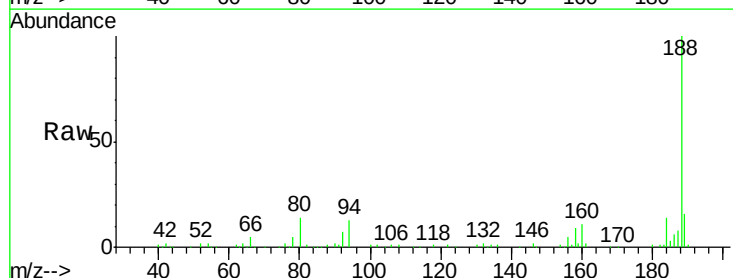
Tgt Ion:188 Resp: 190861

Ion Ratio Lower Upper

188 100

94 13.4 8.2 12.2#

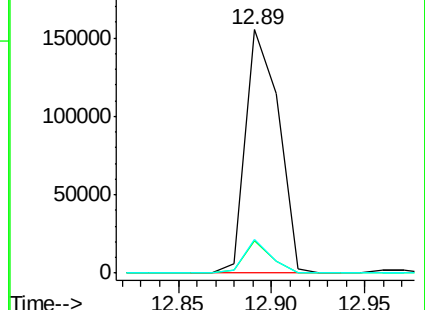
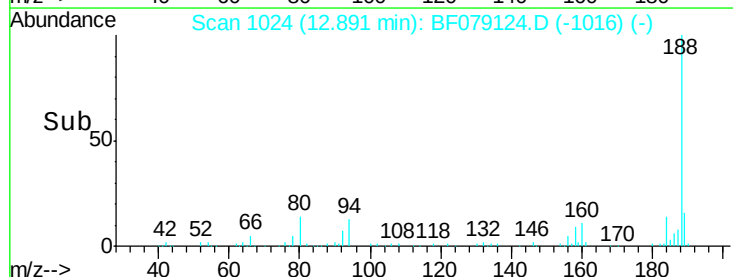
80 14.0 8.9 13.3#

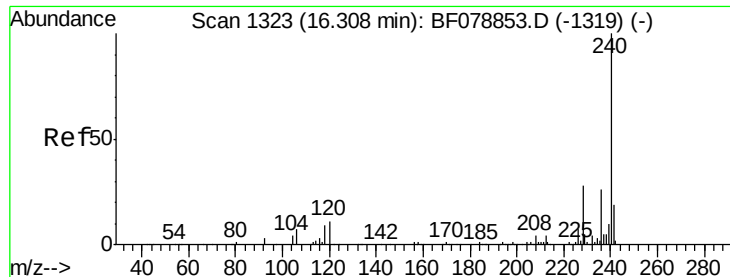


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF079124.D

Acq: 11 May 2015 19:12

Instrument :

BNA_F

ClientSampleId :

PS-12A(15-20)

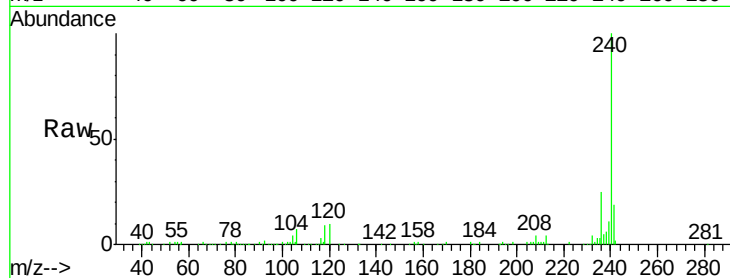
Tgt Ion:240 Resp: 207376

Ion Ratio Lower Upper

240 100

120 10.2 9.7 14.5

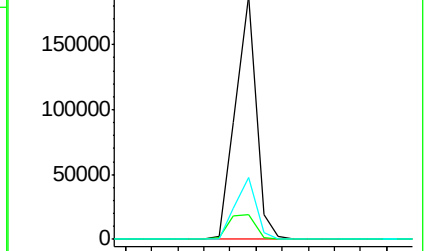
236 25.4 20.2 30.4



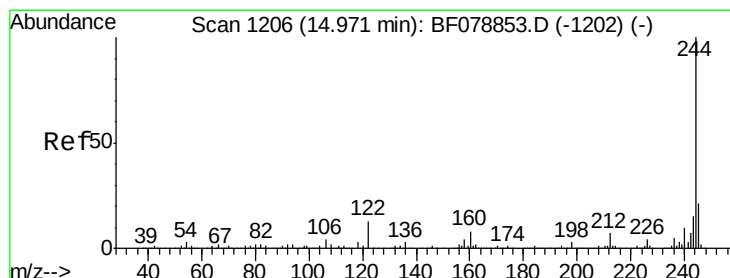
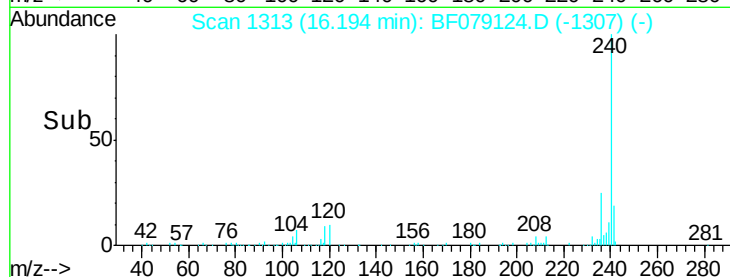
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 16.10 16.20 16.30



#78

Terphenyl-d14

Concen: 65.76 ng

RT: 14.89 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF079124.D

Acq: 11 May 2015 19:12

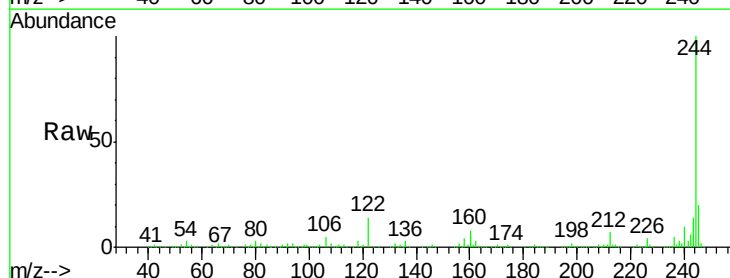
Tgt Ion:244 Resp: 569606

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

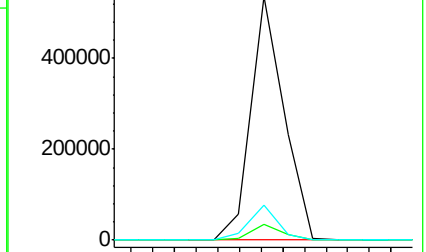
122 14.1 10.3 15.5



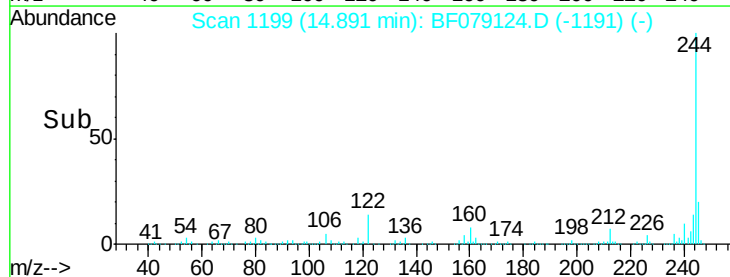
Abundance Ion 244.00 (243.70 to 244.70): E

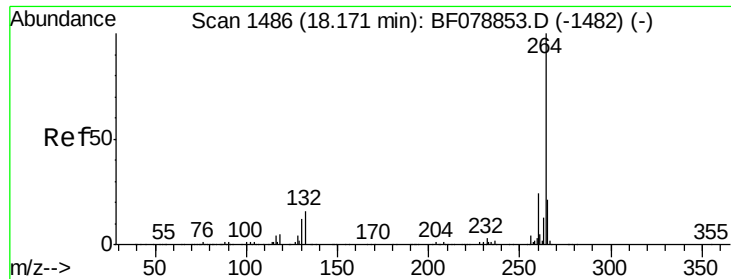
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 14.85 14.90





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.94 min Scan# 1466
Delta R.T. -0.11 min
Lab File: BF079124.D
Acq: 11 May 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PS-12A(15-20)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	20.5	18.3	27.5

