

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
 Data File : BF078924.D
 Acq On : 4 May 2015 17:53
 Operator : TP/IZ
 Sample : G2021-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-17-0-10

Quant Time: May 05 02:17:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 00:58:01 2015
 Response via : Initial Calibration

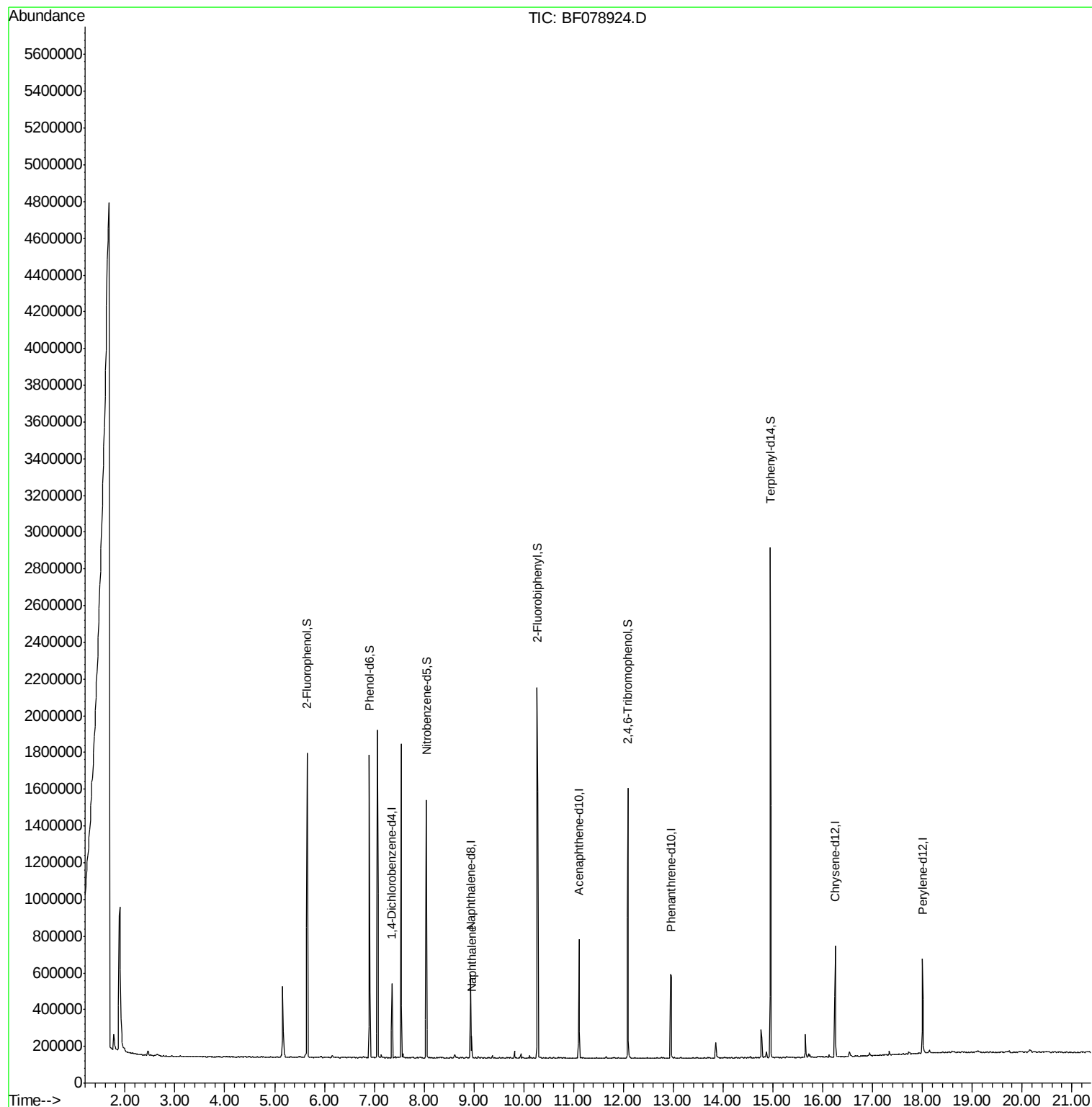
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	65386	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	263550	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	128373	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	257919	20.00	ng	0.00
75) Chrysene-d12	16.25	240	265976m	20.00	ng	-0.07
86) Perylene-d12	18.00	264	260577	20.00	ng	-0.24
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	503844	132.64	ng	0.01
7) Phenol-d6	6.90	99	557086	110.95	ng	0.00
23) Nitrobenzene-d5	8.04	82	417274	90.99	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	214299	154.31	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	843822	91.58	ng	-0.01
78) Terphenyl-d14	14.95	244	1098997	98.92	ng	-0.01
Target Compounds						
31) Naphthalene	8.96	128	51425	4.10	ng	Qvalue 97

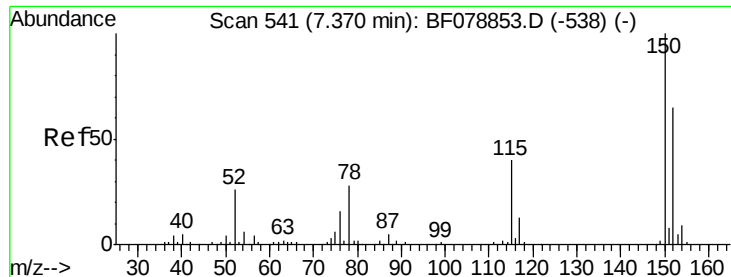
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF078924.D

Acq: 4 May 2015 17:53

Instrument :

BNA_F

ClientSampleId :

PS-17-0-10

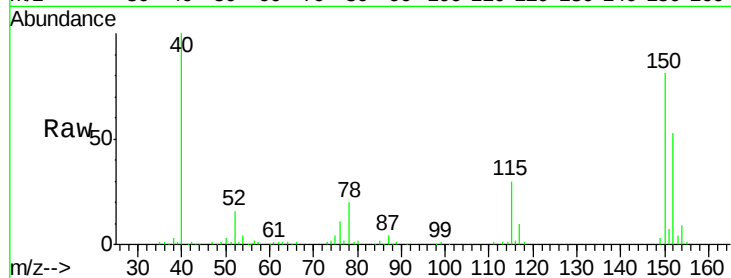
Tot Ion:152 Resp: 65386

Ion Ratio Lower Upper

152 100

150 151.9 122.0 183.0

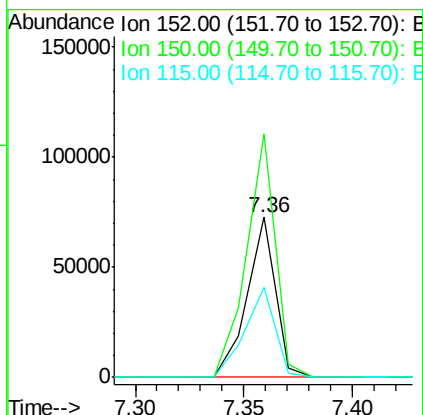
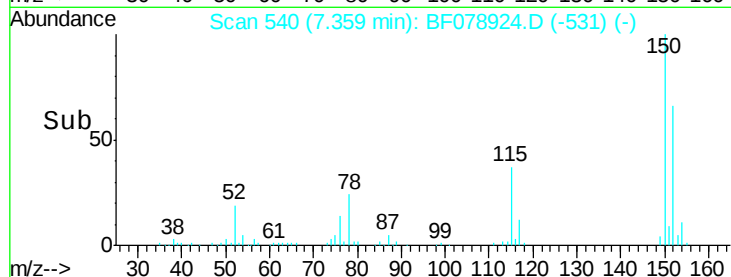
115 56.0 46.3 69.5



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: 132.64 ng

RT: 5.66 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF078924.D

Acq: 4 May 2015 17:53

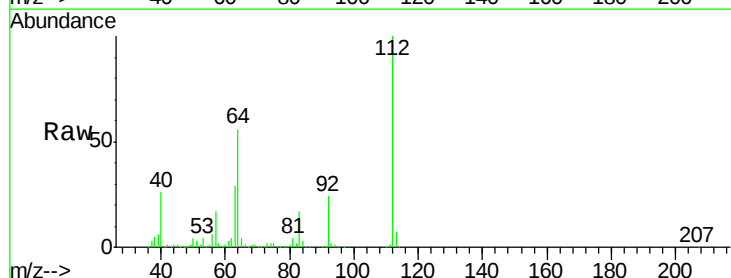
Tgt Ion:112 Resp: 503844

Ion Ratio Lower Upper

112 100

64 56.4 53.5 80.3

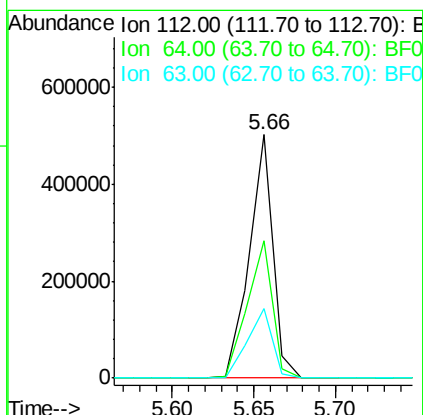
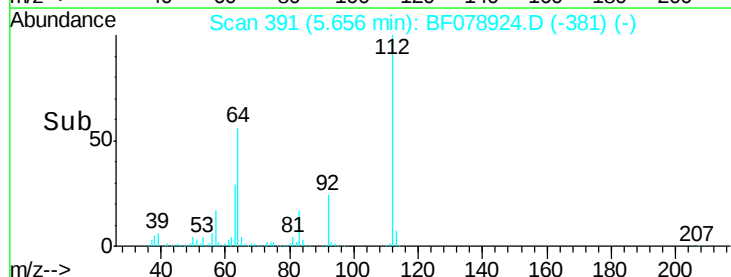
63 28.8 27.5 41.3

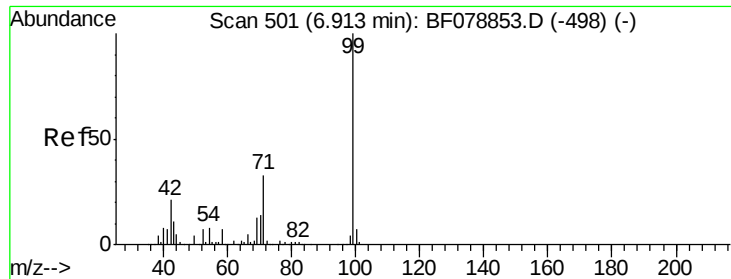


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.95 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078924.D

Acq: 4 May 2015 17:53

Instrument :

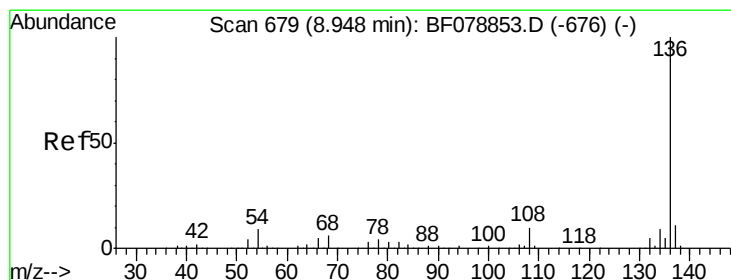
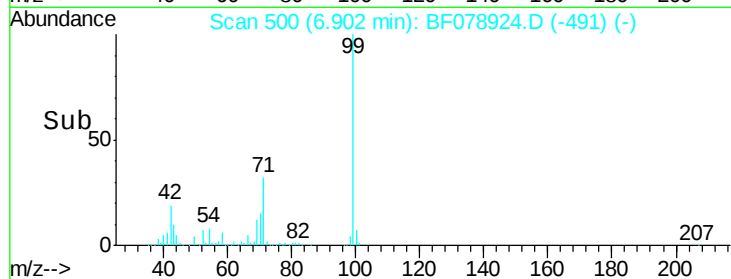
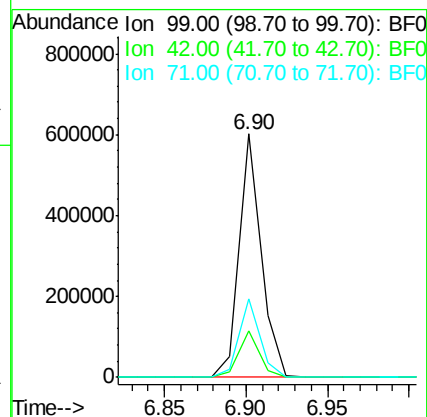
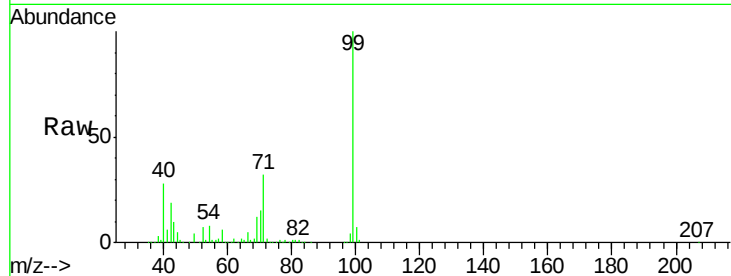
BNA_F

ClientSampleId :

PS-17-0-10

Tot Ion: 99 Resp: 557086

Ion	Ratio	Lower	Upper
99	100		
42	19.3	12.8	19.2#
71	32.3	23.4	35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.94 min Scan# 678

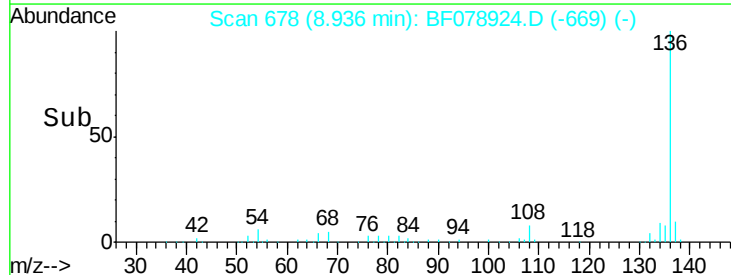
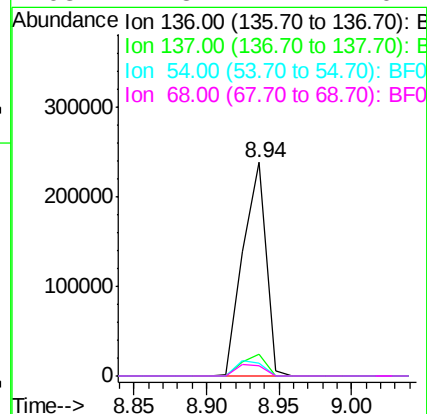
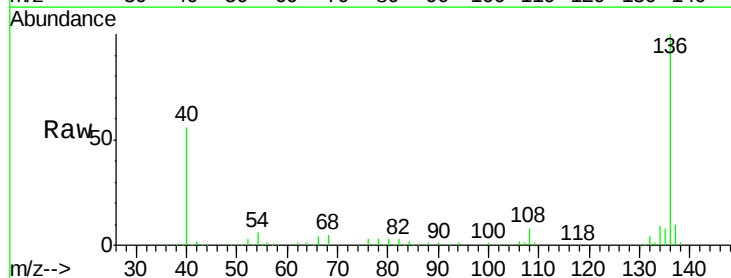
Delta R.T. 0.00 min

Lab File: BF078924.D

Acq: 4 May 2015 17:53

Tgt Ion: 136 Resp: 263550

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	5.9	5.8	8.8
68	4.8	4.2	6.4

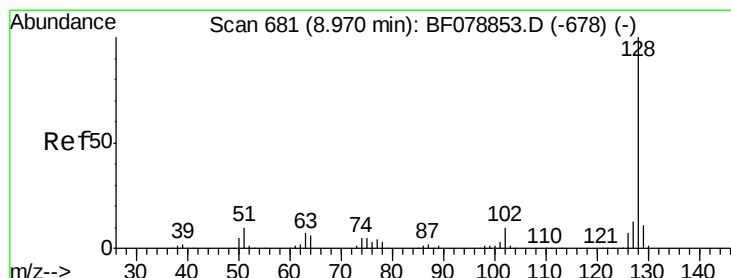
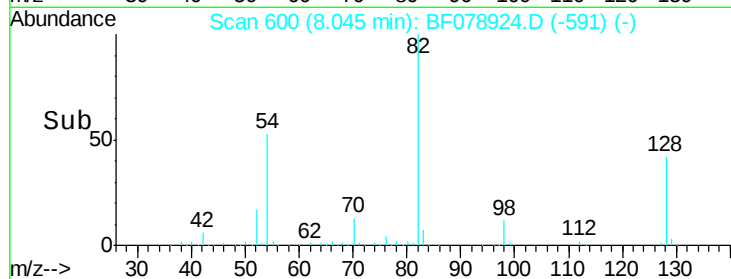
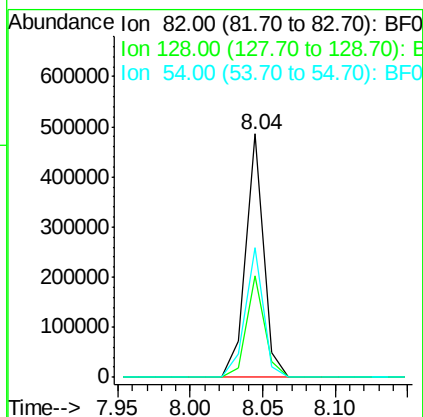
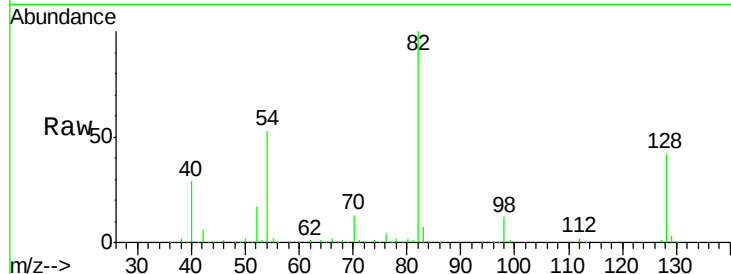




#23
 Nitrobenzene-d5
 Concen: 90.99 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078924.D
 Acq: 4 May 2015 17:53

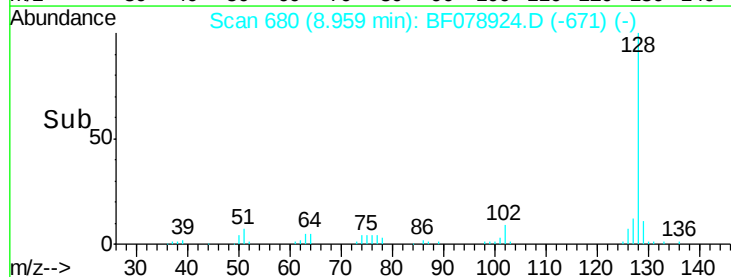
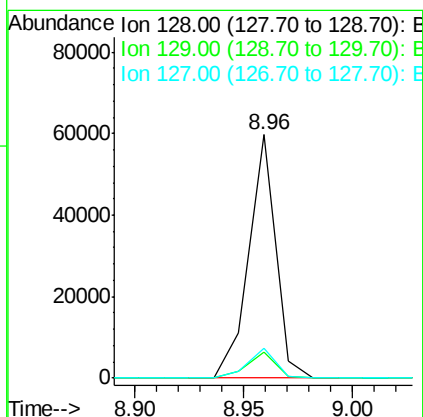
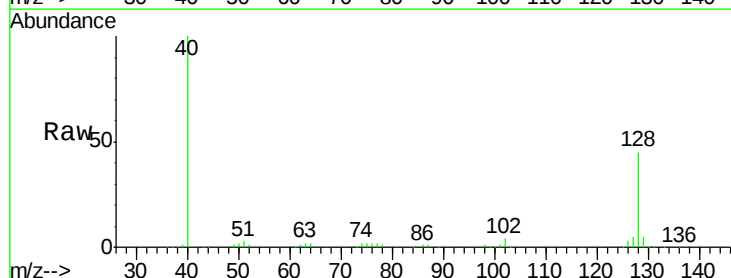
Instrument :
 BNA_F
 ClientSampleId :
 PS-17-0-10

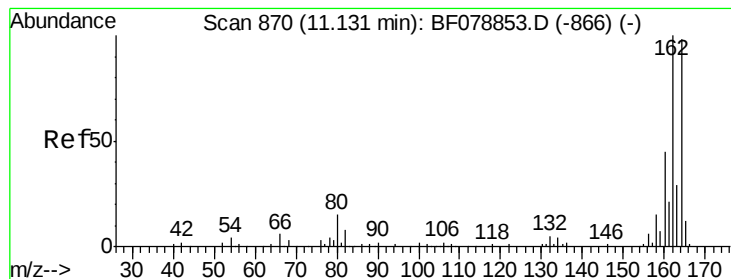
Tot Ion: 82 Resp: 417274
 Ion Ratio Lower Upper
 82 100
 128 41.8 30.0 45.0
 54 53.4 46.4 69.6



#31
 Naphthalene
 Concen: 4.10 ng
 RT: 8.96 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF078924.D
 Acq: 4 May 2015 17:53

Tgt Ion: 128 Resp: 51425
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.3 13.9
 127 12.1 10.7 16.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF078924.D

Acq: 4 May 2015 17:53

Instrument :

BNA_F

ClientSampleId :

PS-17-0-10

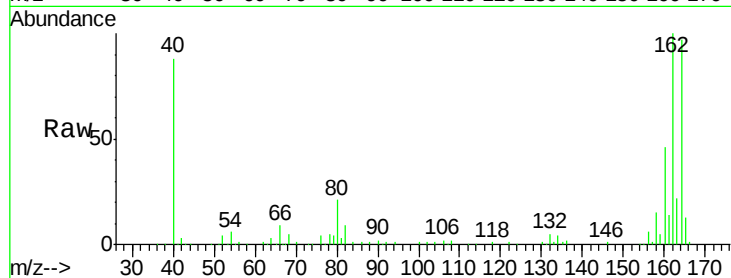
Tot Ion:164 Resp: 128373

Ion Ratio Lower Upper

164 100

162 103.0 82.7 124.1

160 46.9 35.8 53.8



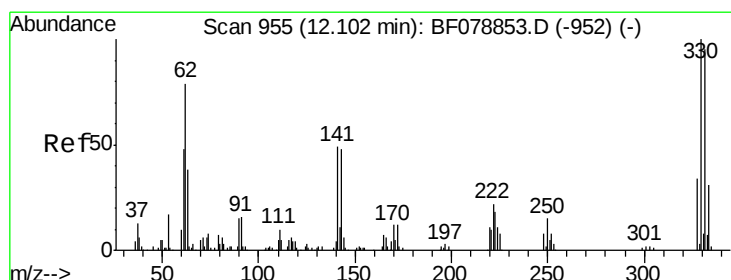
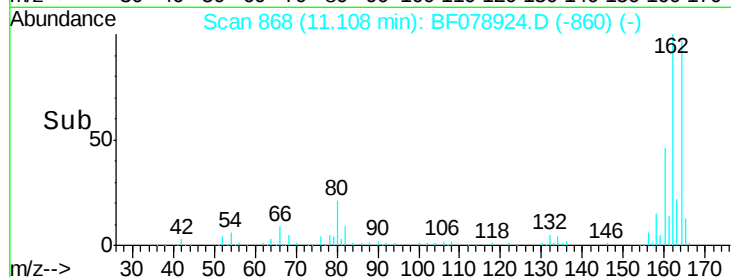
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

11.11

Time-->



#41

2,4,6-Tribromophenol

Concen: 154.31 ng

RT: 12.09 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF078924.D

Acq: 4 May 2015 17:53

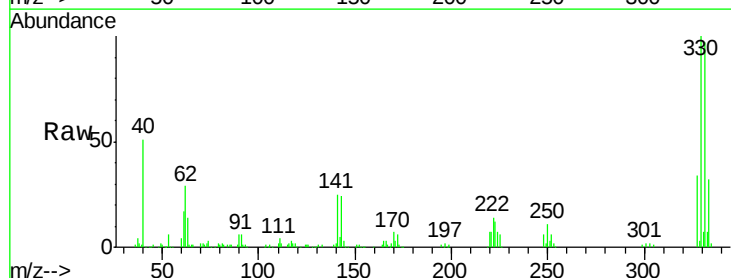
Tgt Ion:330 Resp: 214299

Ion Ratio Lower Upper

330 100

332 97.2 0.0 0.0#

141 34.3 0.0 0.0#



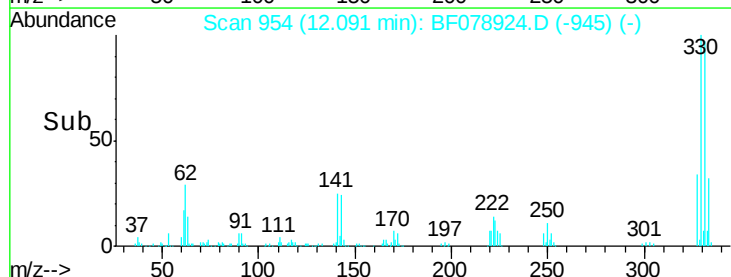
Abundance Ion 329.80 (329.50 to 330.50): E

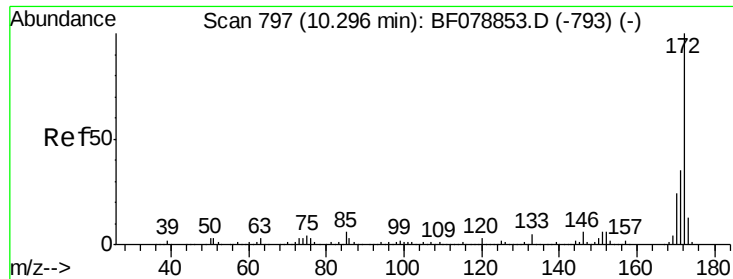
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

12.09

Time-->

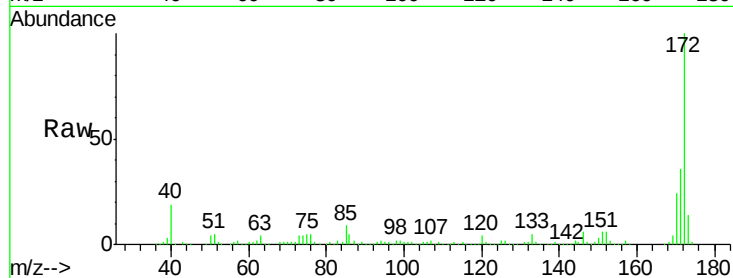




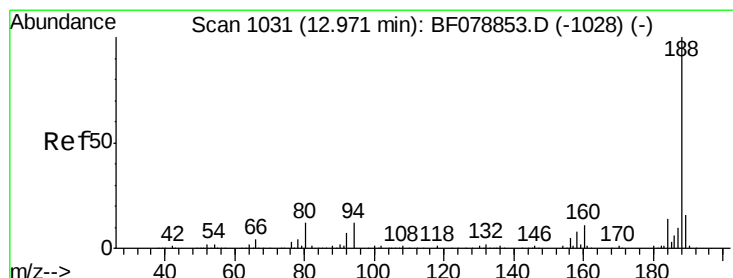
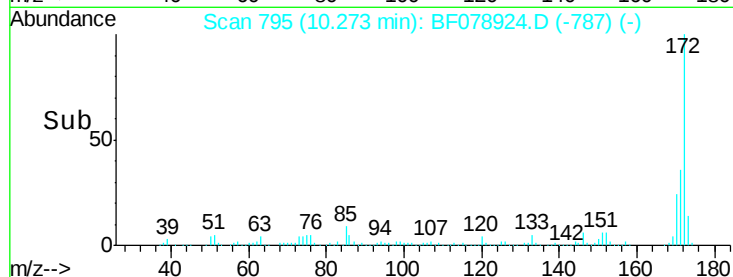
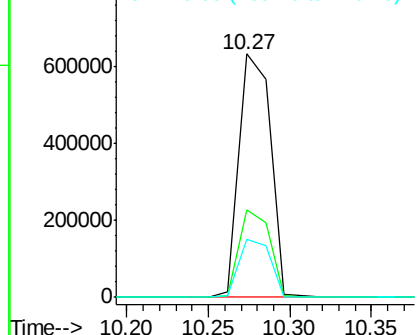
#44
 2-Fluorobiphenyl
 Concen: 91.58 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF078924.D
 Acq: 4 May 2015 17:53

Instrument :
 BNA_F
 ClientSampleId :
 PS-17-0-10

Tot Ion:172 Resp: 843822
 Ion Ratio Lower Upper
 172 100
 171 35.8 27.9 41.9
 170 24.1 19.4 29.0

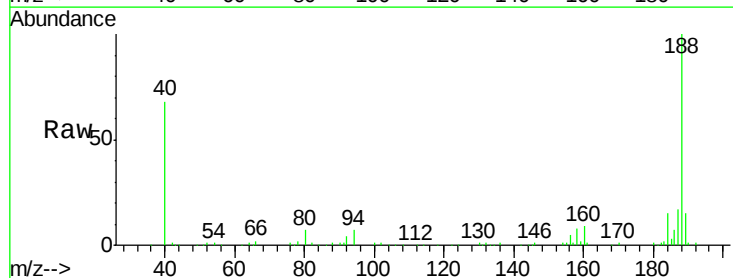


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

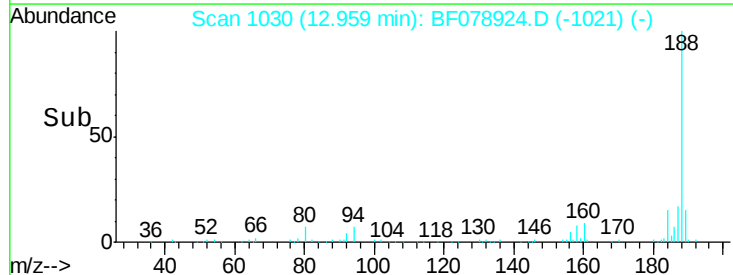
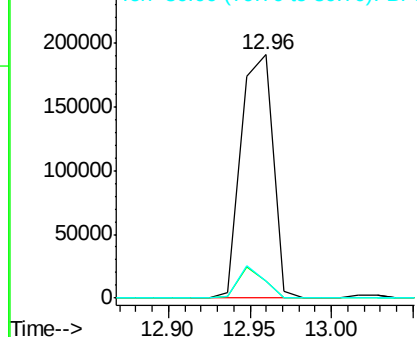


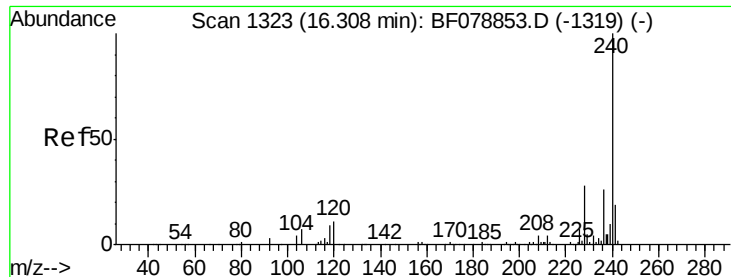
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.96 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF078924.D
 Acq: 4 May 2015 17:53

Tgt Ion:188 Resp: 257919
 Ion Ratio Lower Upper
 188 100
 94 7.1 8.2 12.2#
 80 7.2 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/mL

RT: 16.25 min Scan# 1318

Delta R.T. -0.07 min

Lab File: BF078924.D

Acq: 4 May 2015 17:53

Instrument :

BNA_F

ClientSampleId :

PS-17-0-10

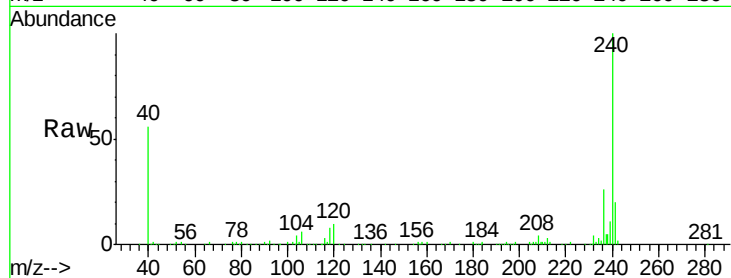
Tot Ion:240 Resp: 265976

Ion Ratio Lower Upper

240 100

120 9.7 9.7 14.5#

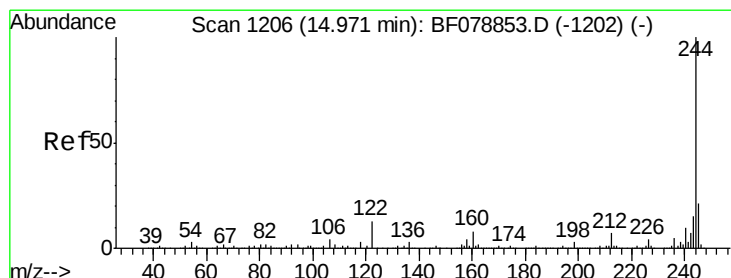
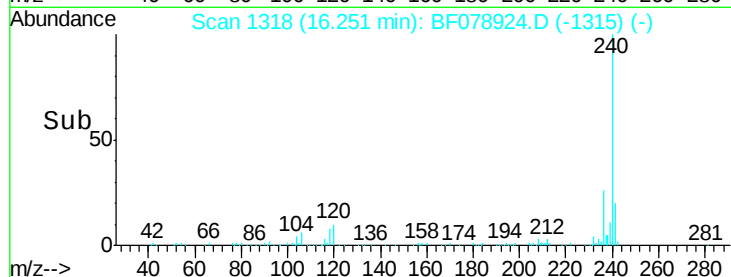
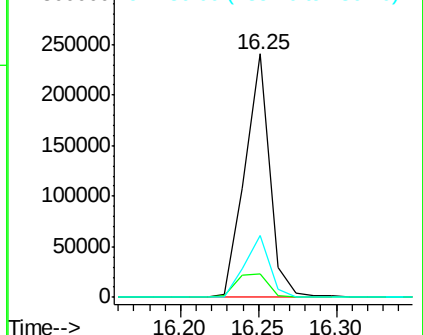
236 25.5 20.2 30.4



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: 98.92 ng/mL

RT: 14.95 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF078924.D

Acq: 4 May 2015 17:53

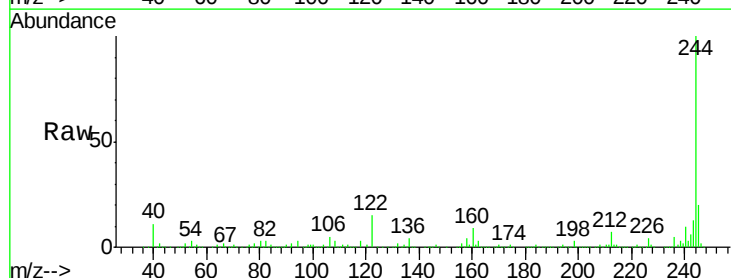
Tgt Ion:244 Resp: 1098997

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

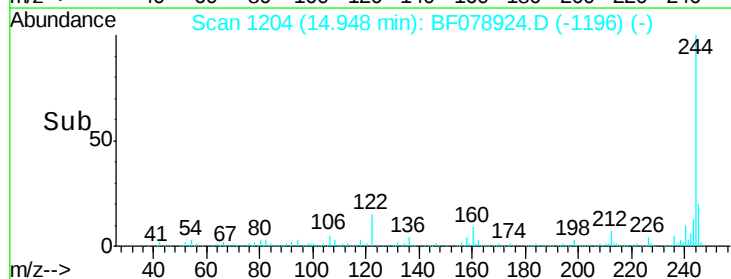
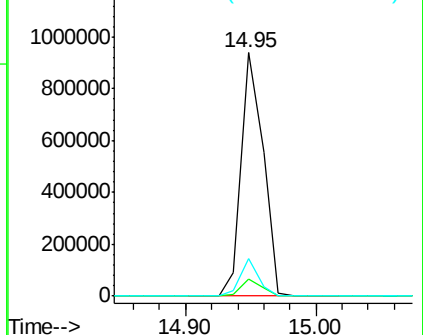
122 15.2 10.3 15.5

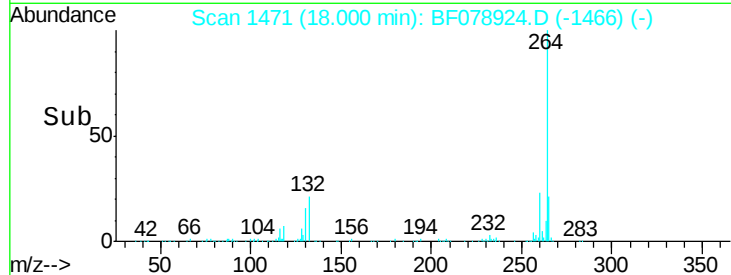
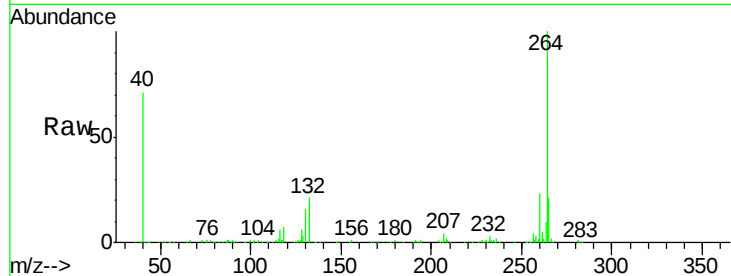
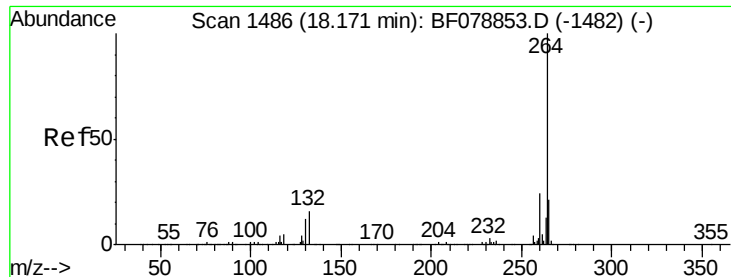


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.00 min Scan# 1471
Delta R.T. -0.24 min
Lab File: BF078924.D
Acq: 4 May 2015 17:53

Instrument :
BNA_F
ClientSampleId :
PS-17-0-10

Tot Ion:	264	Resp:	260577
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.2	18.3	27.5

