

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033115\
 Data File : BF078114.D
 Acq On : 31 Mar 2015 15:15
 Operator : TP/IZ
 Sample : G1703-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-4(0-10)

Quant Time: Apr 01 00:19:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 00:51:03 2015
 Response via : Initial Calibration

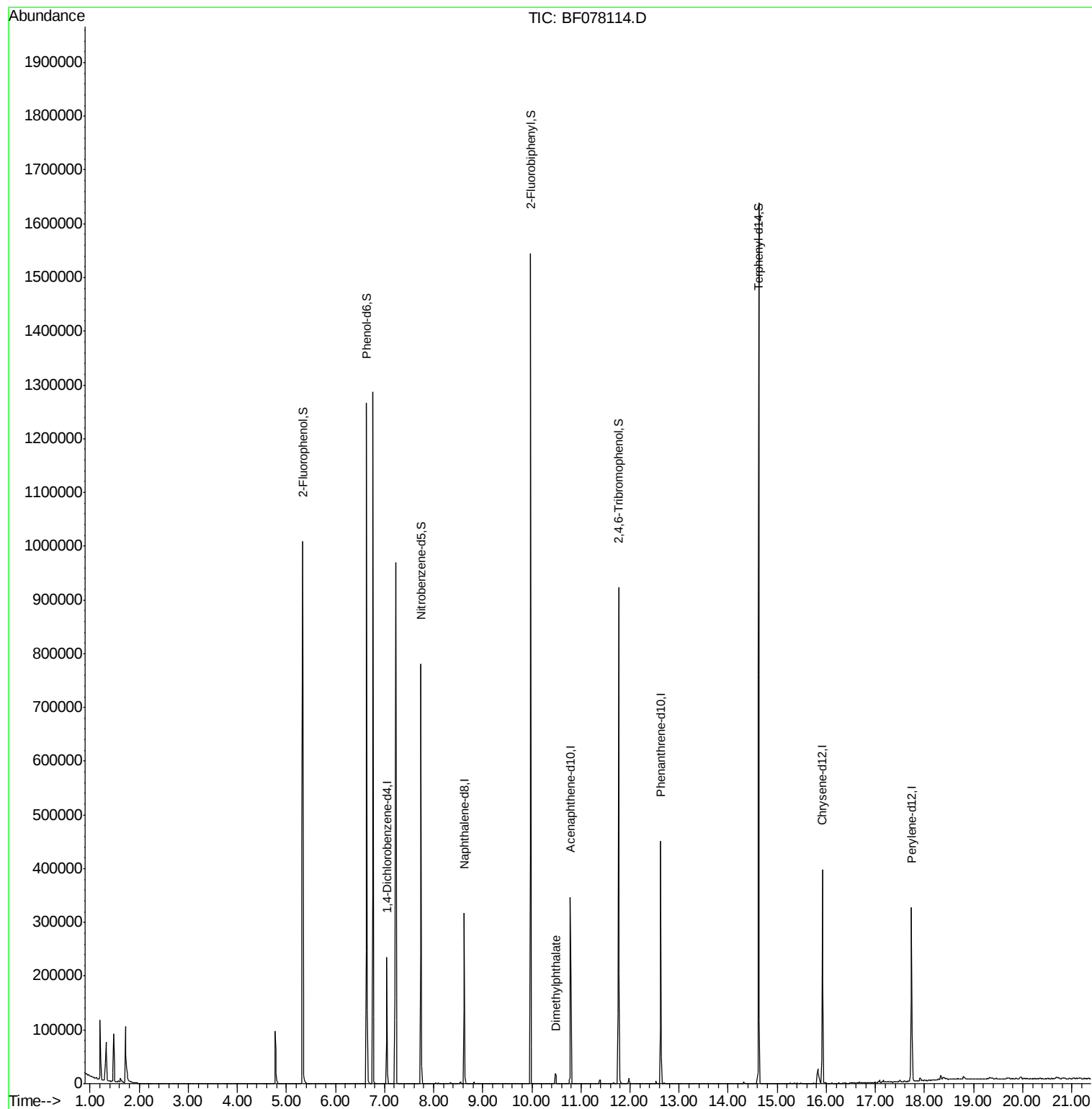
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	40166	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	166646	20.00	ng	0.00
38) Acenaphthene-d10	10.79	164	86117	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	175681	20.00	ng	0.00
75) Chrysene-d12	15.92	240	173445	20.00	ng	0.02
86) Perylene-d12	17.73	264	154347	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	347589	151.05	ng	0.00
7) Phenol-d6	6.64	99	436091	153.39	ng	0.00
23) Nitrobenzene-d5	7.74	82	255733	100.59	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	104861	127.27	ng	0.00
44) 2-Fluorobiphenyl	9.97	172	501065	85.51	ng	0.00
78) Terphenyl-d14	14.63	244	626759	88.27	ng	0.01
Target Compounds						
49) Dimethylphthalate	10.49	163	13364	2.09	ng	Qvalue 100

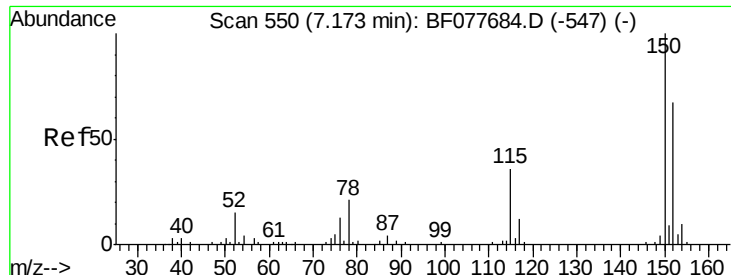
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF078114.D

Acq: 31 Mar 2015 15:15

Instrument :

BNA_F

ClientSampleId :

S-4(0-10)

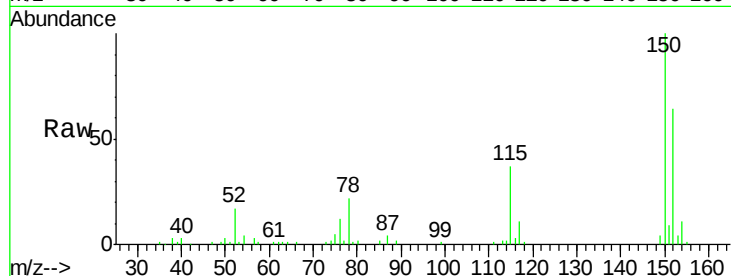
Tgt Ion:152 Resp: 40166

Ion Ratio Lower Upper

152 100

150 156.2 119.5 179.3

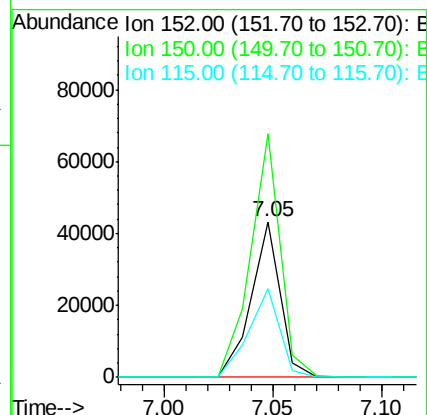
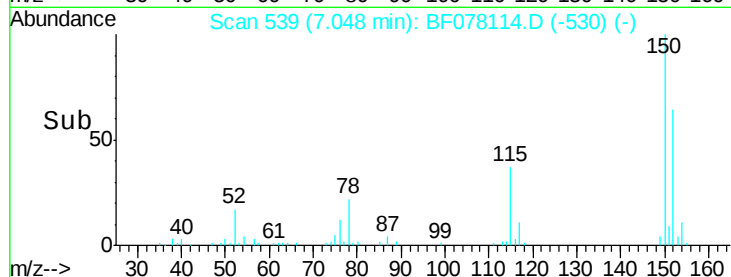
115 57.2 43.0 64.4



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: 151.05 ng

RT: 5.33 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF078114.D

Acq: 31 Mar 2015 15:15

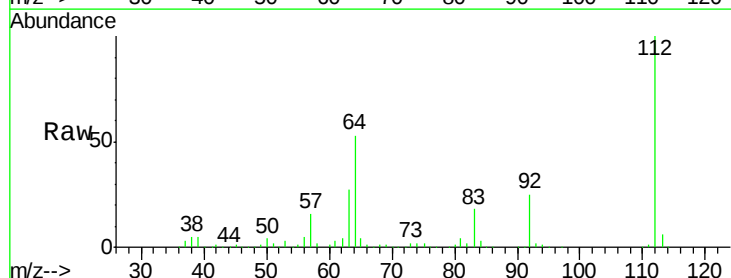
Tgt Ion:112 Resp: 347589

Ion Ratio Lower Upper

112 100

64 52.6 38.6 57.8

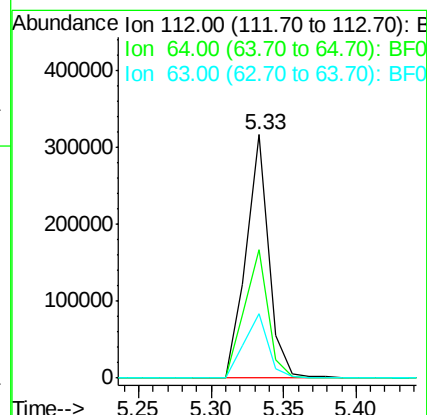
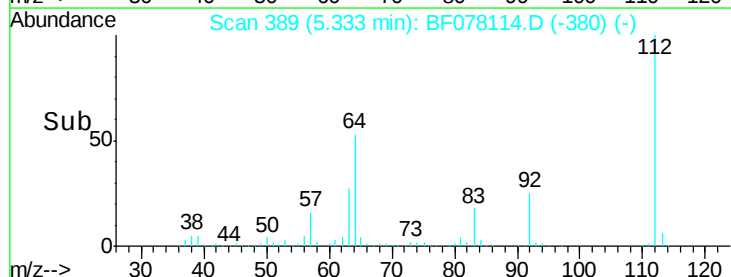
63 26.7 19.3 28.9



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: 153.39 ng

RT: 6.64 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078114.D

Acq: 31 Mar 2015 15:15

Instrument :

BNA_F

ClientSampleId :

S-4(0-10)

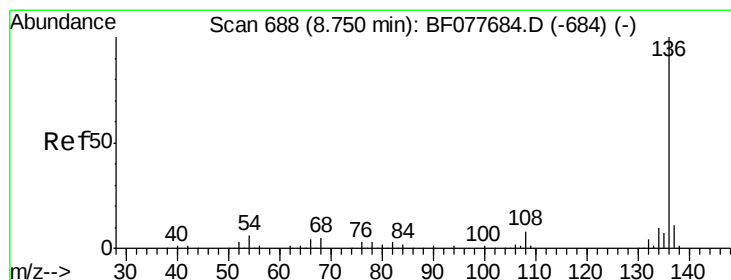
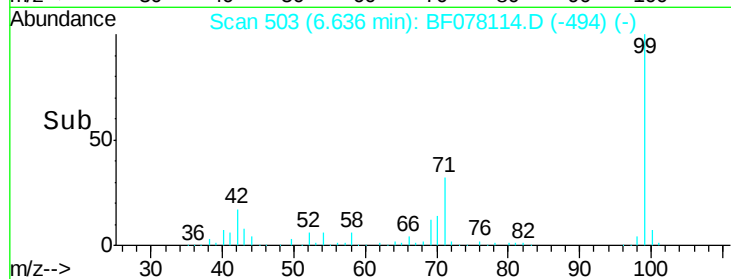
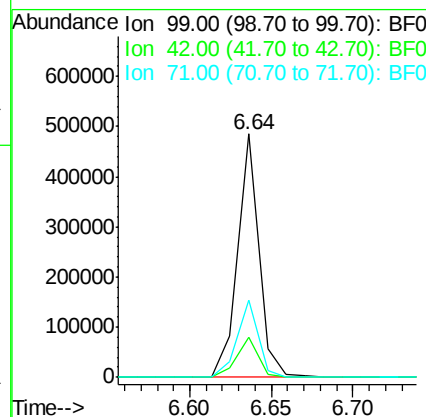
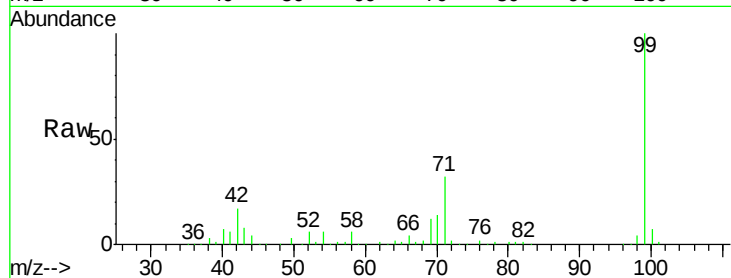
Tgt Ion: 99 Resp: 436091

Ion Ratio Lower Upper

99 100

42 16.6 11.0 16.4#

71 31.9 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.62 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF078114.D

Acq: 31 Mar 2015 15:15

Tgt Ion: 136 Resp: 166646

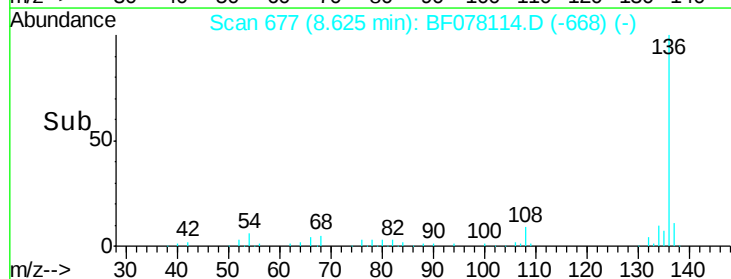
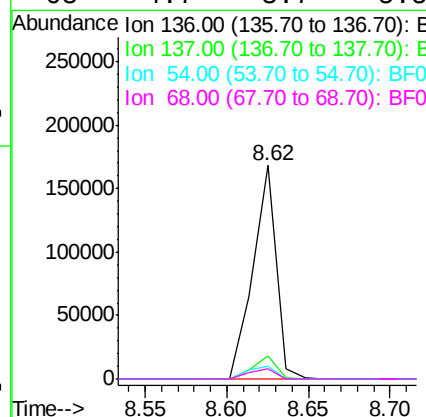
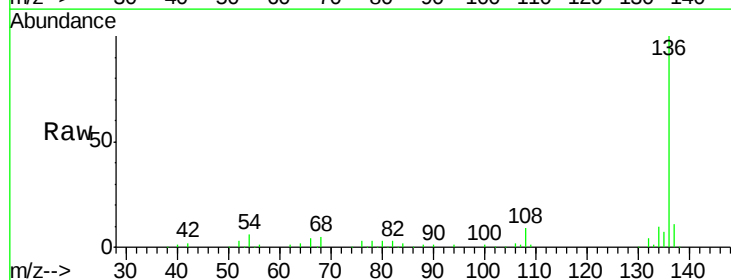
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.0 4.6 6.8

68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 100.59 ng

RT: 7.74 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF078114.D

Acq: 31 Mar 2015 15:15

Instrument :

BNA_F

ClientSampleId :

S-4(0-10)

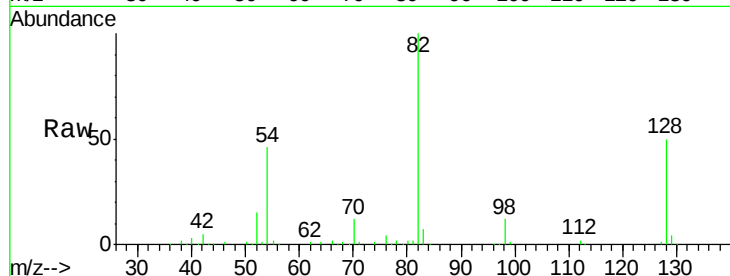
Tgt Ion: 82 Resp: 255733

Ion Ratio Lower Upper

82 100

128 49.5 32.8 49.2#

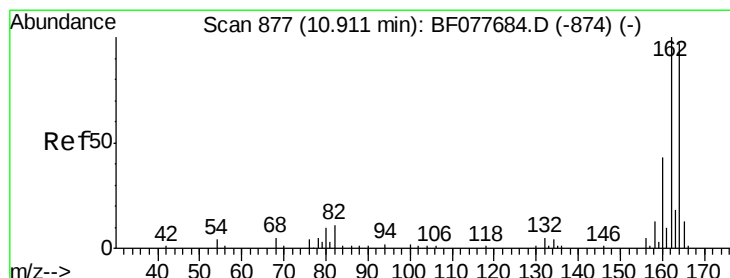
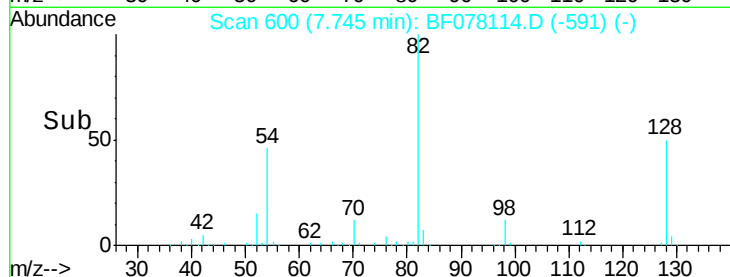
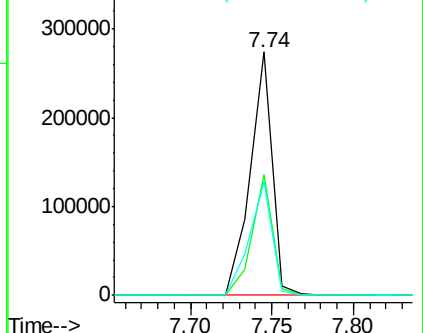
54 46.2 40.6 60.8



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: 10.79 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF078114.D

Acq: 31 Mar 2015 15:15

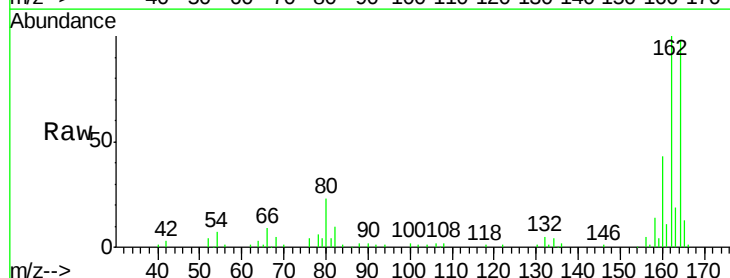
Tgt Ion: 164 Resp: 86117

Ion Ratio Lower Upper

164 100

162 101.7 82.4 123.6

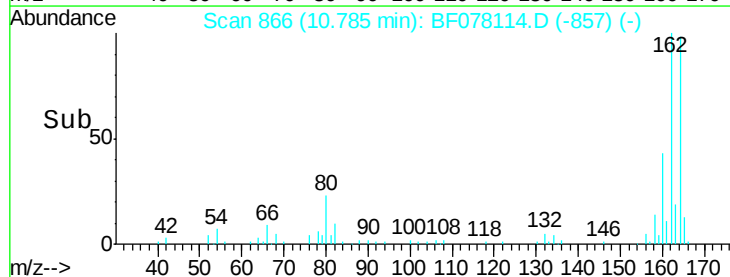
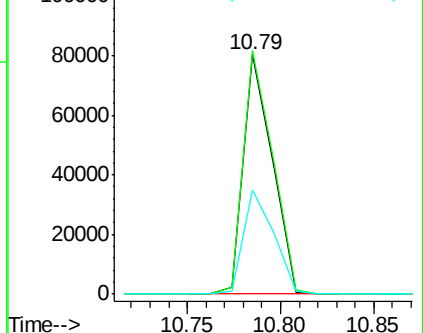
160 43.7 35.8 53.6



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

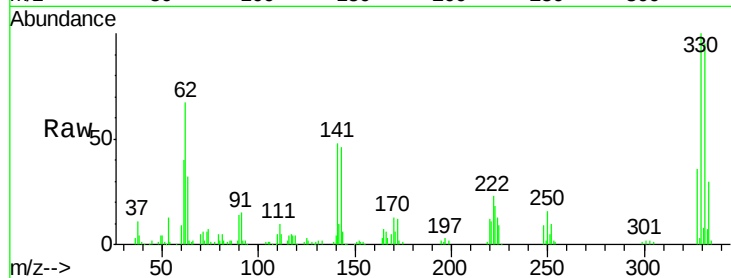




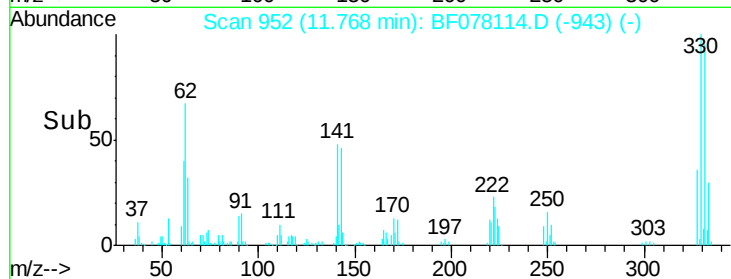
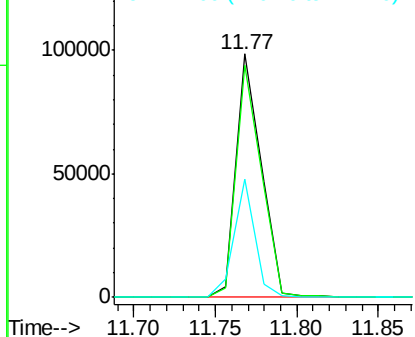
#41
 2,4,6-Tribromophenol
 Concen: 127.27 ng
 RT: 11.77 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF078114.D
 Acq: 31 Mar 2015 15:15

Instrument :
 BNA_F
 ClientSampleId :
 S-4(0-10)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	40.0	0.0	0.0#

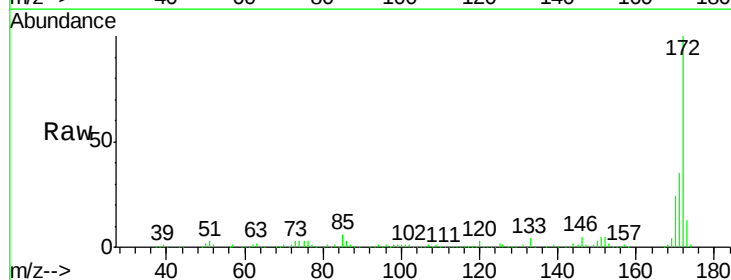


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

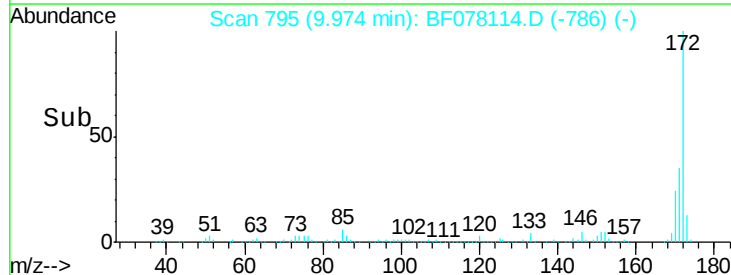
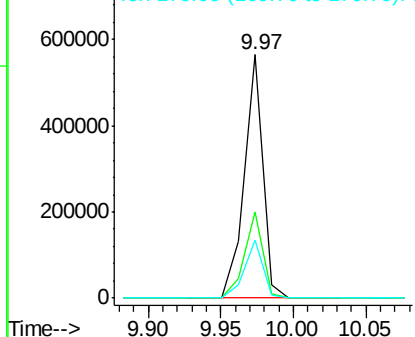


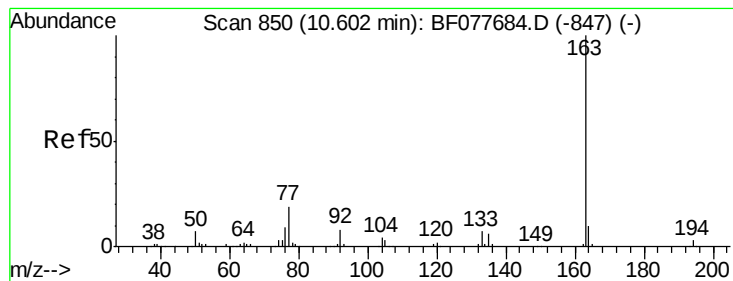
#44
 2-Fluorobiphenyl
 Concen: 85.51 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF078114.D
 Acq: 31 Mar 2015 15:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.6	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





#49

Dimethylphthalate

Concen: 2.09 ng

RT: 10.49 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF078114.D

Acq: 31 Mar 2015 15:15

Instrument :

BNA_F

ClientSampleId :

S-4(0-10)

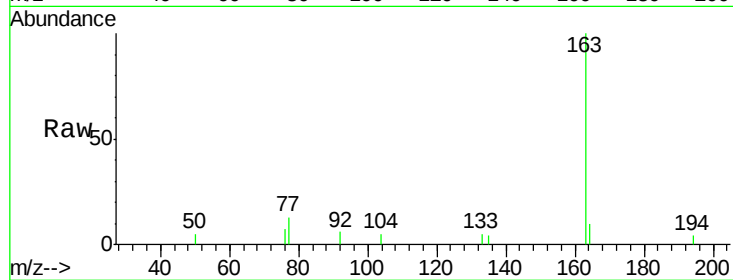
Tgt Ion:163 Resp: 13364

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

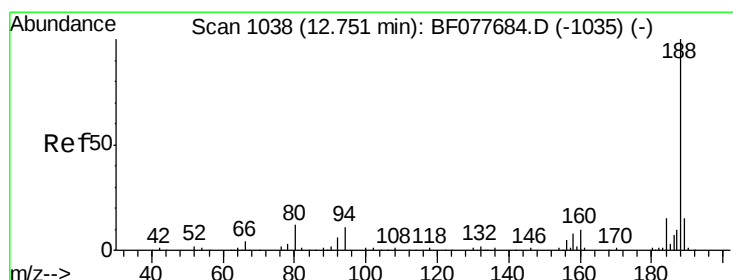
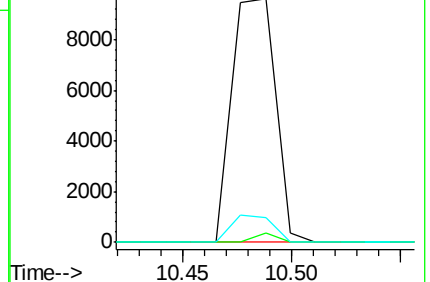
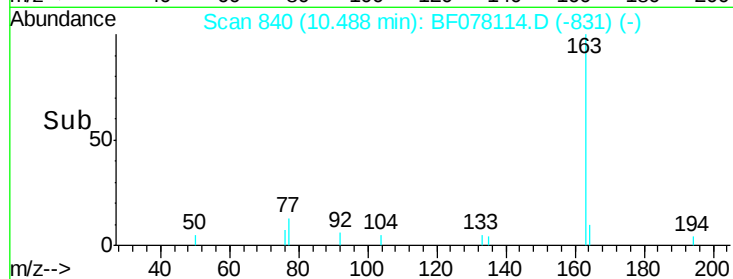
164 10.2 8.2 12.2



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: 12.63 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF078114.D

Acq: 31 Mar 2015 15:15

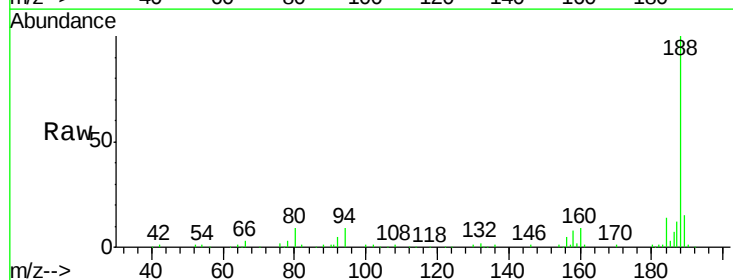
Tgt Ion:188 Resp: 175681

Ion Ratio Lower Upper

188 100

94 8.8 8.7 13.1

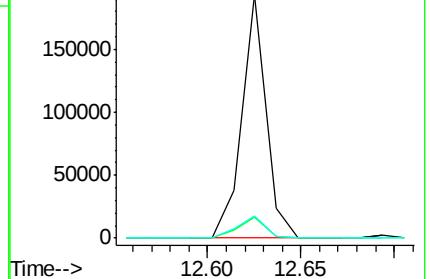
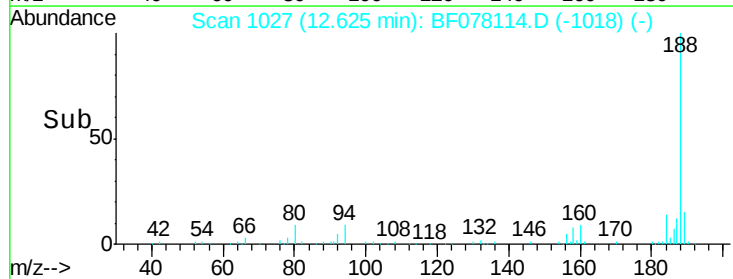
80 9.1 9.3 13.9#

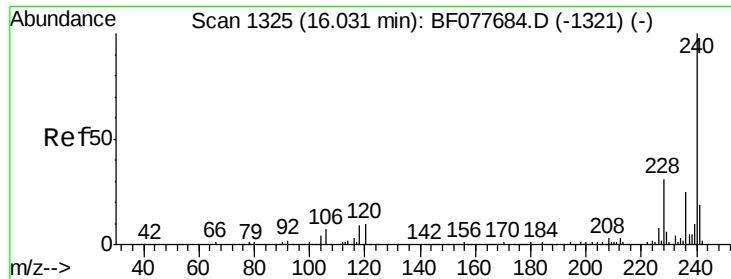


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

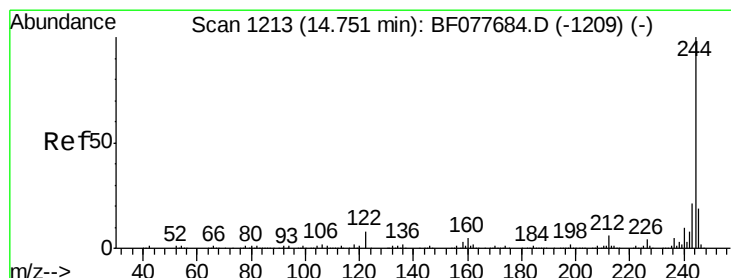
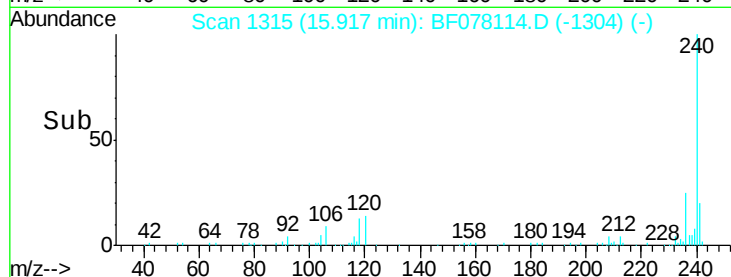
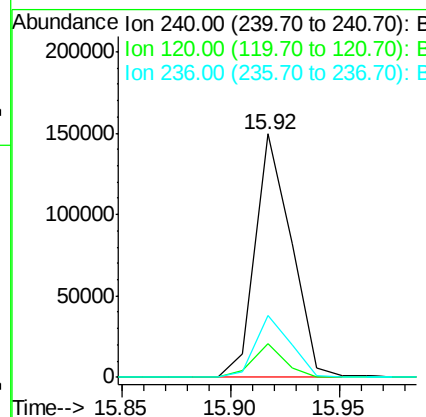
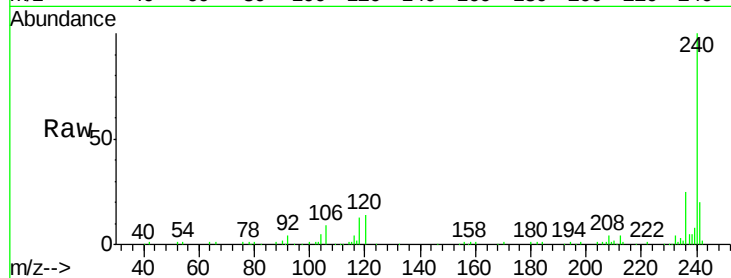




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.92 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF078114.D
Acq: 31 Mar 2015 15:15

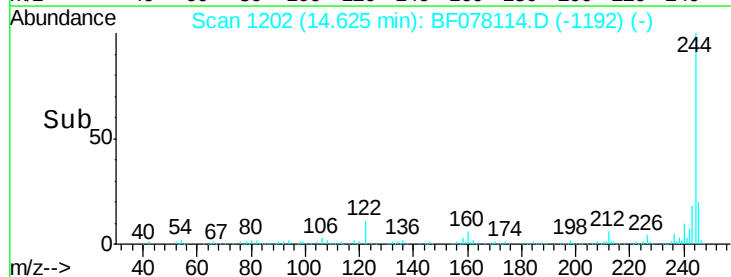
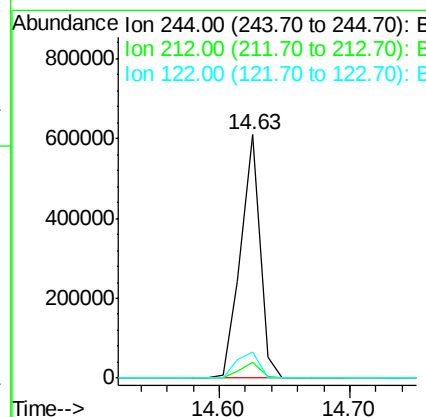
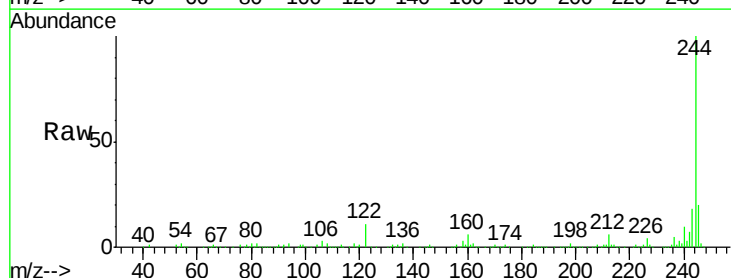
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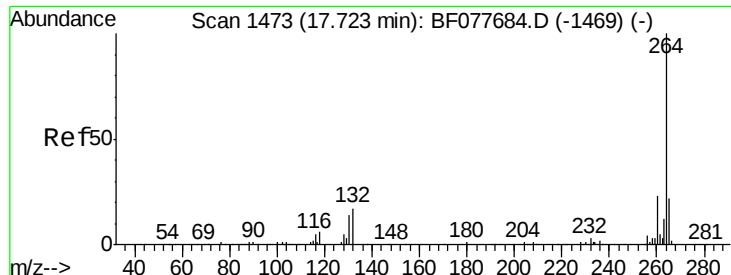
Tgt Ion: 240 Resp: 173445
Ion Ratio Lower Upper
240 100
120 13.8 8.2 12.2#
236 25.4 20.0 30.0



#78
Terphenyl-d14
Concen: 88.27 ng
RT: 14.63 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF078114.D
Acq: 31 Mar 2015 15:15

Tgt Ion: 244 Resp: 626759
Ion Ratio Lower Upper
244 100
212 6.4 4.9 7.3
122 10.5 6.2 9.4#

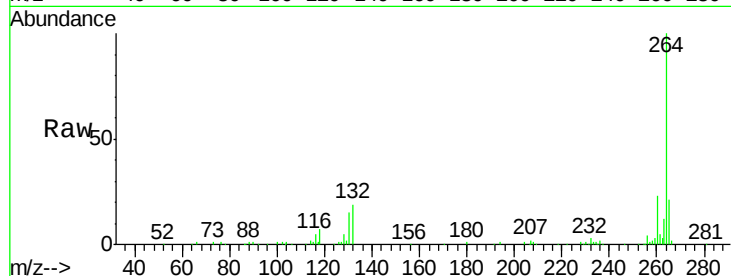




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.73 min Scan# 1474
Delta R.T. 0.13 min
Lab File: BF078114.D
Acq: 31 Mar 2015 15:15

Instrument :
BNA_F
ClientSampleId :
S-4(0-10)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	20.9	17.3	25.9



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

