

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042315\
 Data File : BF078751.D
 Acq On : 23 Apr 2015 16:28
 Operator : TP/IZ
 Sample : G1938-14RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-77D

Quant Time: Apr 24 01:03:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 00:49:54 2015
 Response via : Initial Calibration

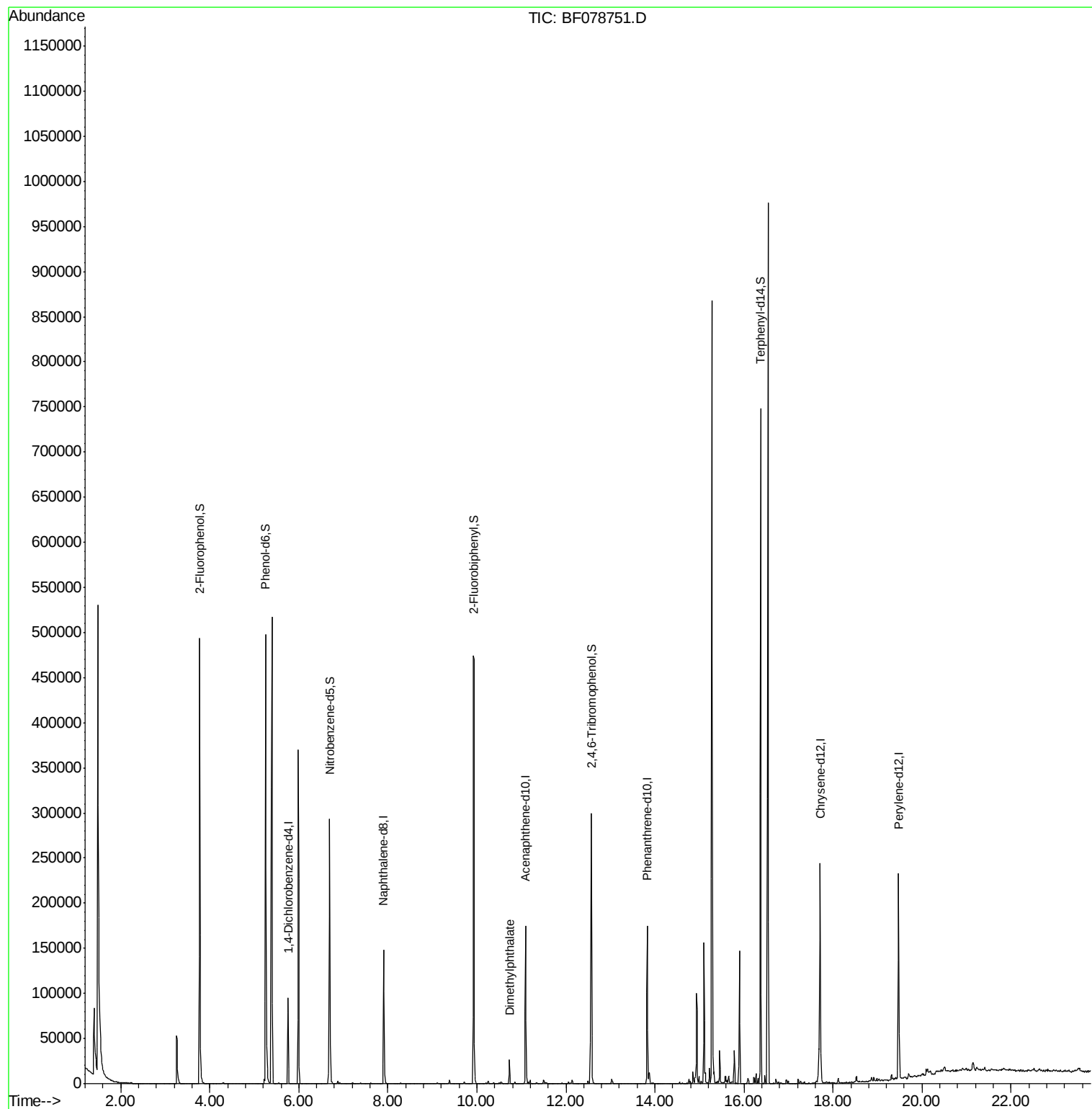
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	23986	20.00	ng	0.01
21) Naphthalene-d8	7.91	136	101105	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	51905	20.00	ng	0.00
63) Phenanthrene-d10	13.83	188	102089	20.00	ng	0.00
75) Chrysene-d12	17.71	240	112714	20.00	ng	0.00
86) Perylene-d12	19.47	264	113272	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.77	112	180487	124.06	ng	0.00
7) Phenol-d6	5.26	99	234314	128.52	ng	0.00
23) Nitrobenzene-d5	6.70	82	131103	78.60	ng	0.00
41) 2,4,6-Tribromophenol	12.57	330	58279	135.38	ng	0.00
44) 2-Fluorobiphenyl	9.93	172	267878	73.77	ng	0.00
78) Terphenyl-d14	16.38	244	290770	58.29	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.73	163	16795	4.31	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: 5.76 min Scan# 400

Delta R.T. 0.01 min

Lab File: BF078751.D

Acq: 23 Apr 2015 16:28

Instrument :

BNA_F

ClientSampleId :

SB-77D

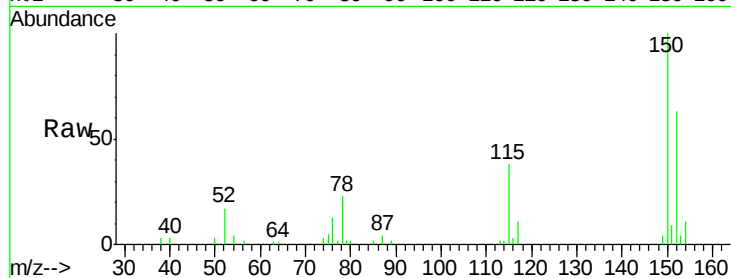
Tgt Ion:152 Resp: 23986

Ion Ratio Lower Upper

152 100

150 159.4 125.9 188.9

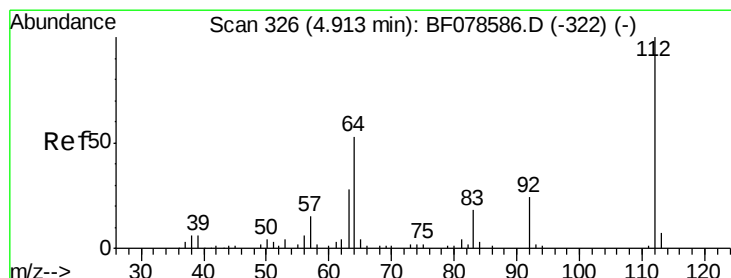
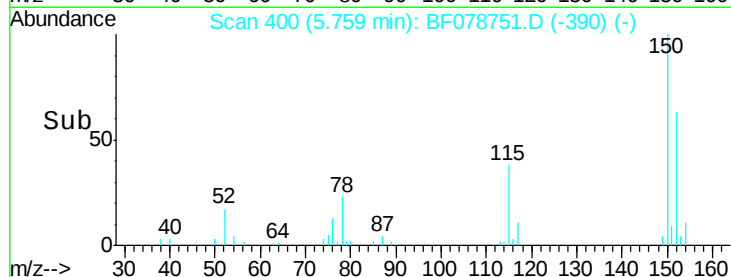
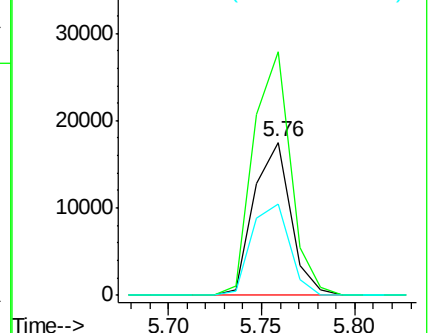
115 59.8 52.7 79.1



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: 124.06 ng

RT: 3.77 min Scan# 226

Delta R.T. 0.00 min

Lab File: BF078751.D

Acq: 23 Apr 2015 16:28

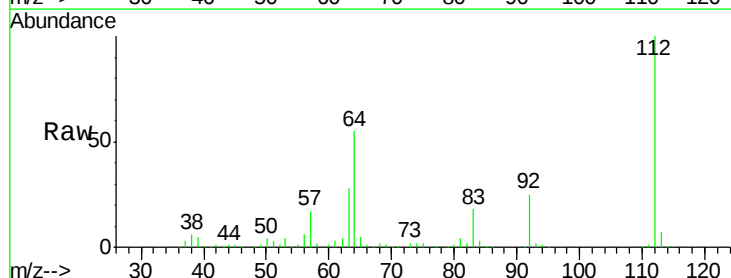
Tgt Ion:112 Resp: 180487

Ion Ratio Lower Upper

112 100

64 55.1 39.9 59.9

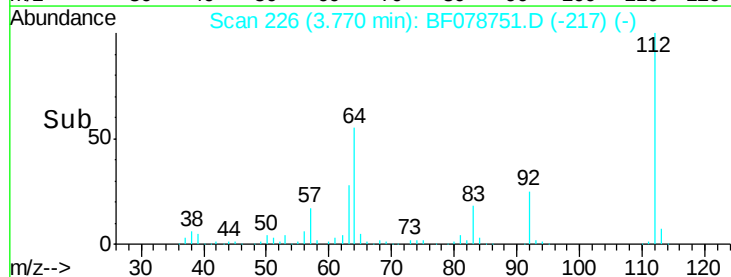
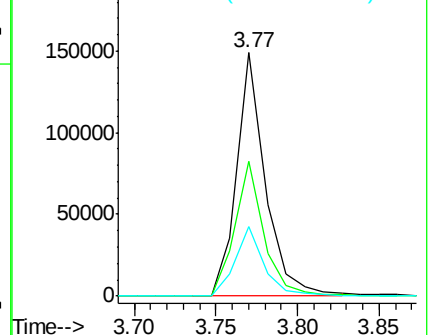
63 28.4 20.2 30.4



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: 128.52 ng

RT: 5.26 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF078751.D

Acq: 23 Apr 2015 16:28

Instrument :

BNA_F

ClientSampleId :

SB-77D

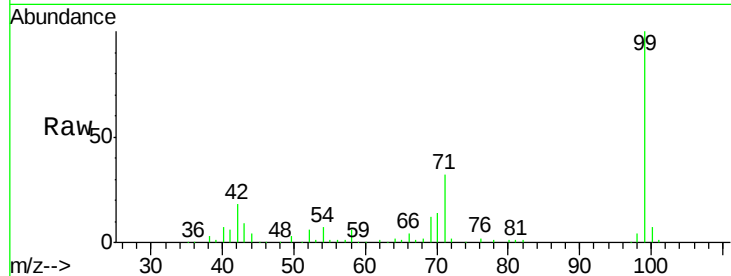
Tgt Ion: 99 Resp: 234314

Ion Ratio Lower Upper

99 100

42 17.6 14.8 22.2

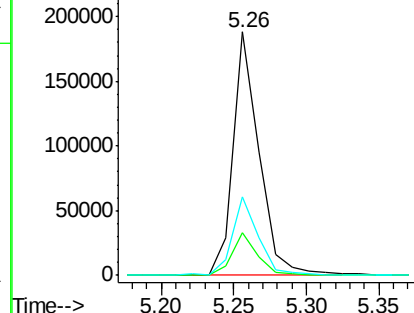
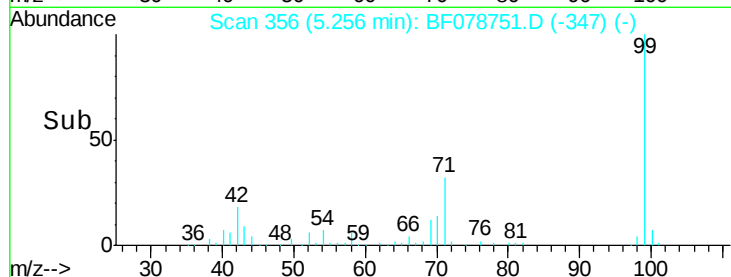
71 32.1 26.6 39.8



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: 7.91 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF078751.D

Acq: 23 Apr 2015 16:28

Tgt Ion: 136 Resp: 101105

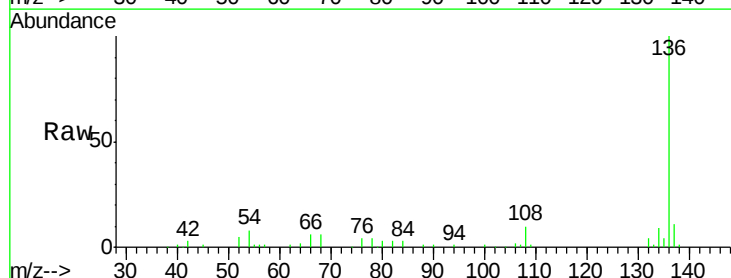
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.2 7.0 10.6

68 6.0 5.4 8.2

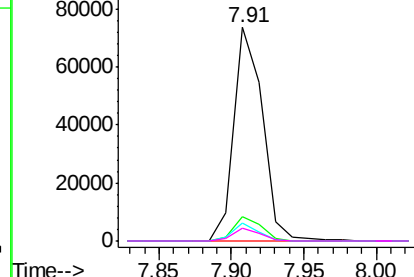
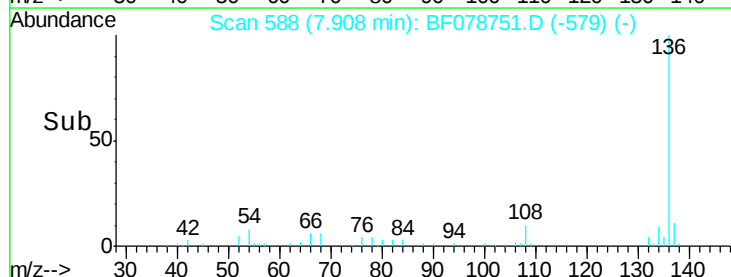


Abundance Ion 136.00 (135.70 to 136.70): E

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

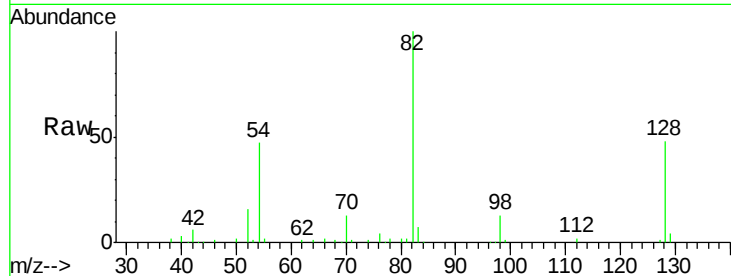




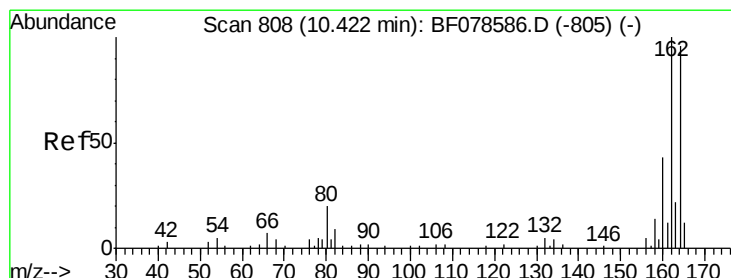
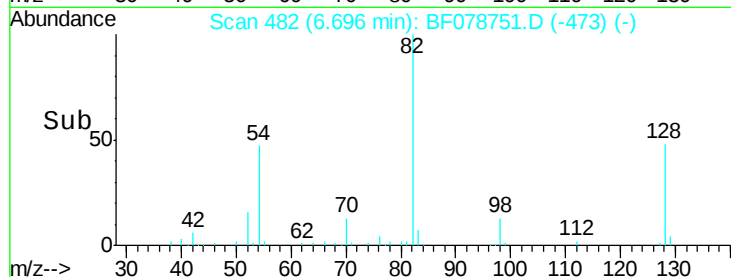
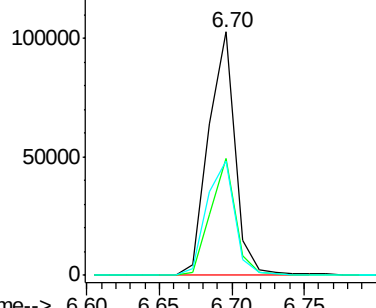
#23
 Nitrobenzene-d5
 Concen: 78.60 ng
 RT: 6.70 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BF078751.D
 Acq: 23 Apr 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-77D

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.8	31.8	47.8
54	46.7	41.5	62.3

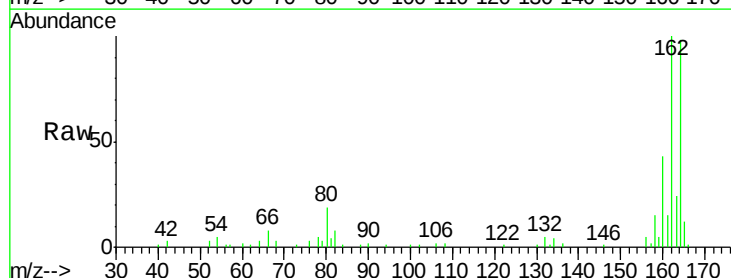


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

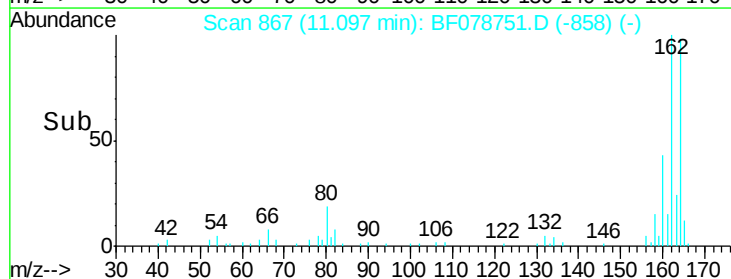
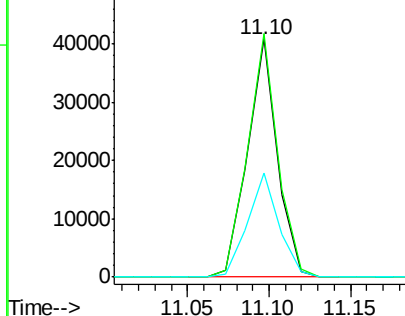


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF078751.D
 Acq: 23 Apr 2015 16:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.2
160	43.7	34.7	52.1



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

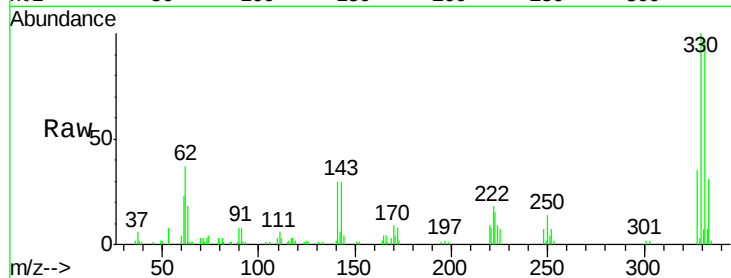




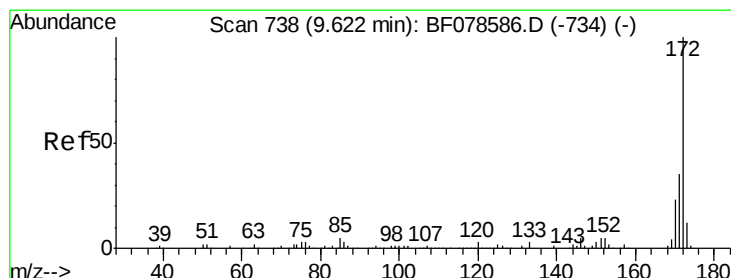
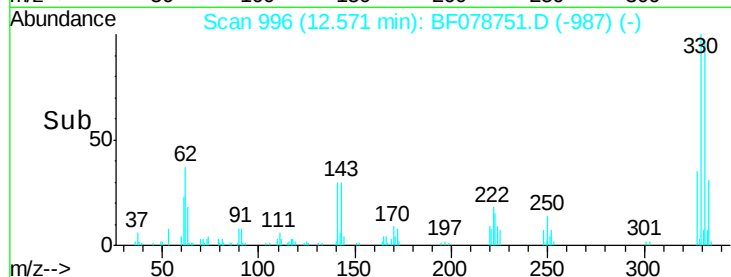
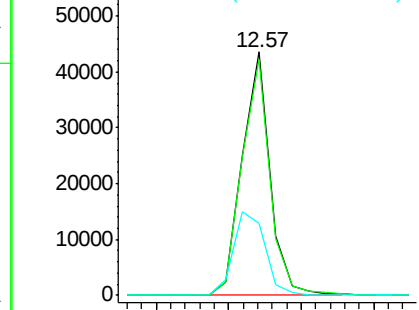
#41
 2,4,6-Tribromophenol
 Concen: 135.38 ng
 RT: 12.57 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF078751.D
 Acq: 23 Apr 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-77D

Tgt Ion:330 Resp: 58279
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.6 117.8
 141 39.1 31.2 46.8

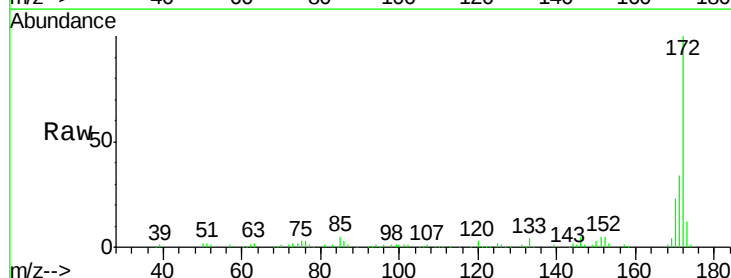


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

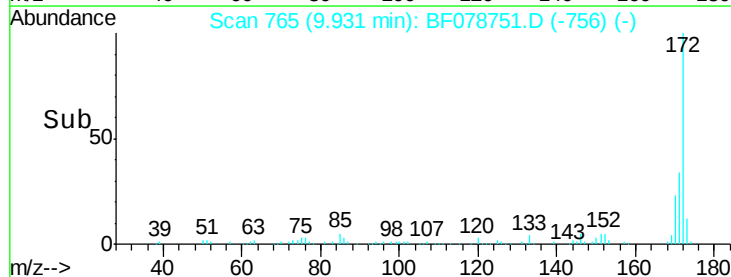
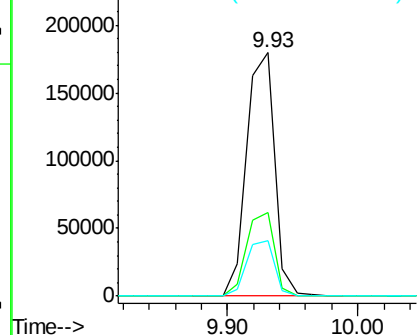


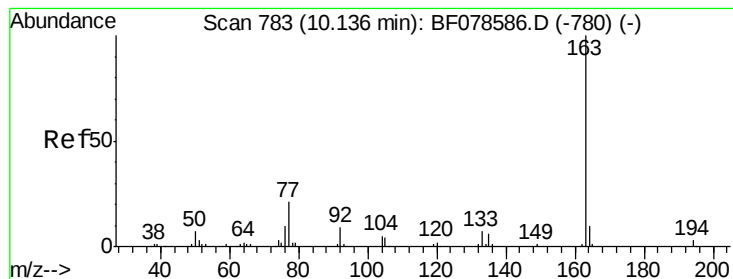
#44
 2-Fluorobiphenyl
 Concen: 73.77 ng
 RT: 9.93 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF078751.D
 Acq: 23 Apr 2015 16:28

Tgt Ion:172 Resp: 267878
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.6 42.8
 170 22.5 18.5 27.7



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: 4.31 ng

RT: 10.73 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF078751.D

Acq: 23 Apr 2015 16:28

Instrument :

BNA_F

ClientSampleId :

SB-77D

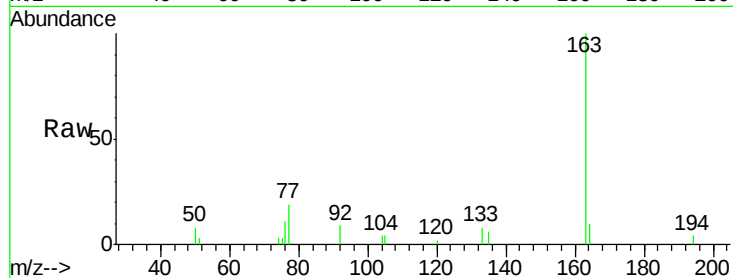
Tgt Ion:163 Resp: 16795

Ion Ratio Lower Upper

163 100

194 3.7 2.3 3.5#

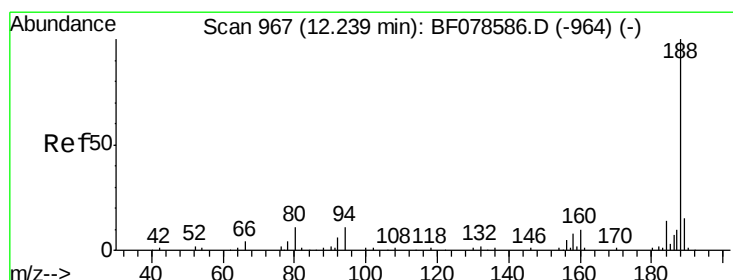
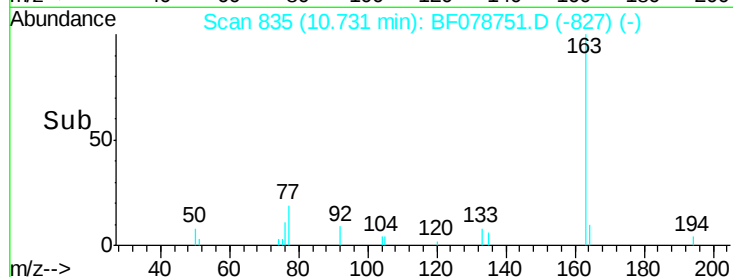
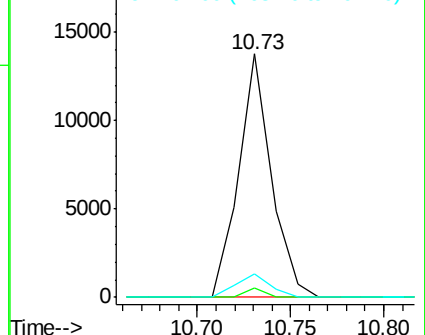
164 9.5 8.6 13.0



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: 13.83 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF078751.D

Acq: 23 Apr 2015 16:28

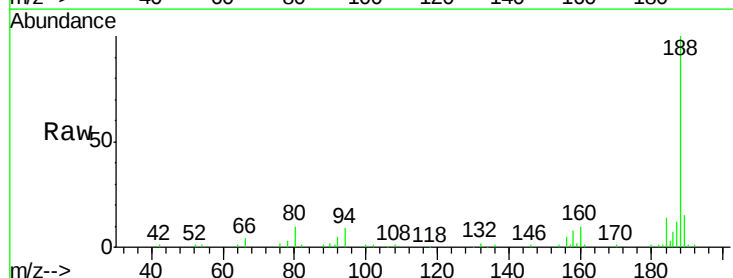
Tgt Ion:188 Resp: 102089

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.4#

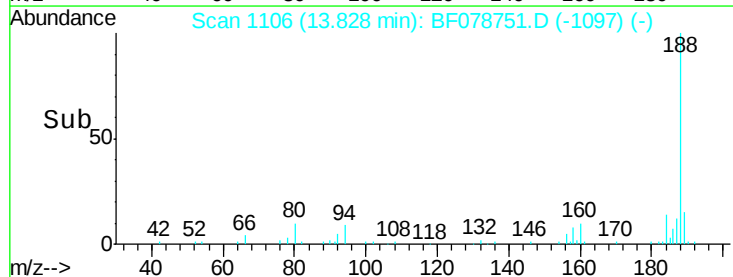
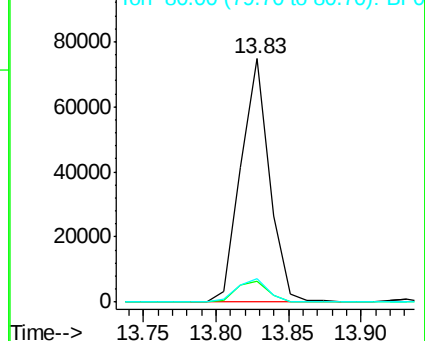
80 9.6 9.5 14.3

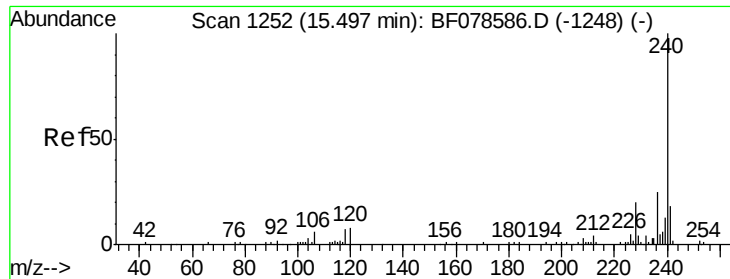


Abundance Ion 188.00 (187.70 to 188.70): E

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: 17.71 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF078751.D

Acq: 23 Apr 2015 16:28

Instrument :

BNA_F

ClientSampleId :

SB-77D

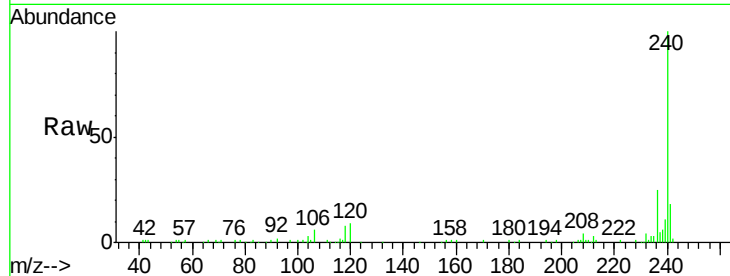
Tgt Ion:240 Resp: 112714

Ion Ratio Lower Upper

240 100

120 9.2 7.1 10.7

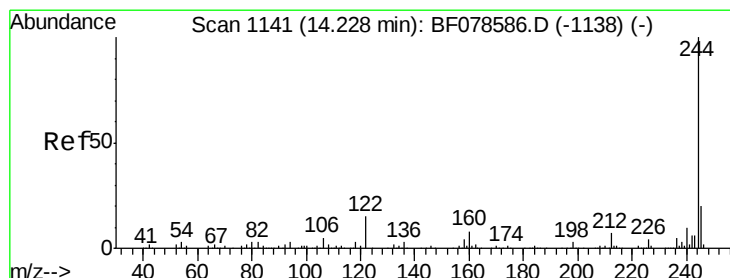
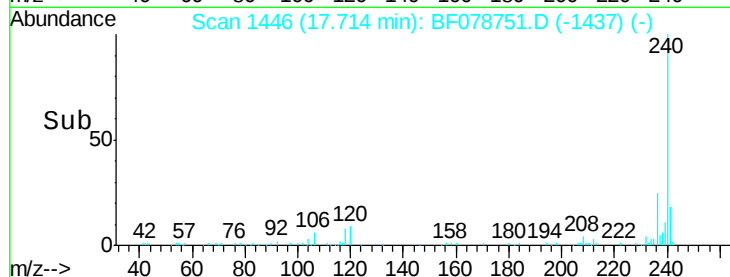
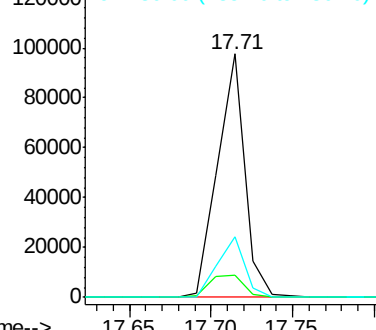
236 24.9 21.4 32.2



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: 58.29 ng

RT: 16.38 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF078751.D

Acq: 23 Apr 2015 16:28

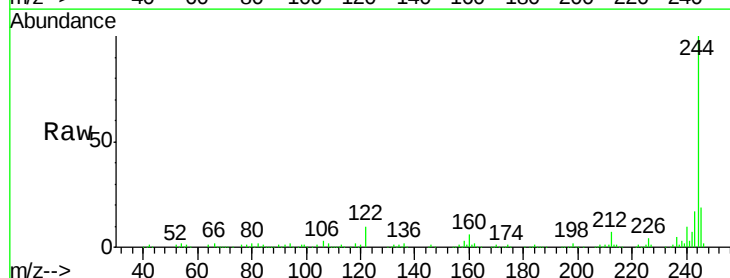
Tgt Ion:244 Resp: 290770

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

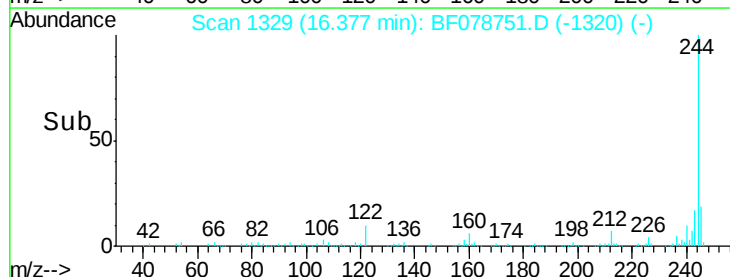
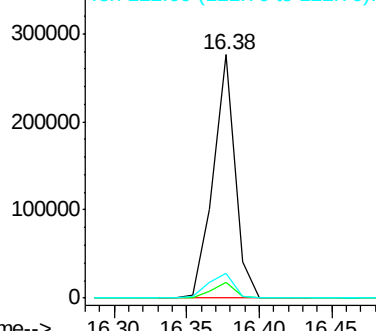
122 10.1 7.1 10.7

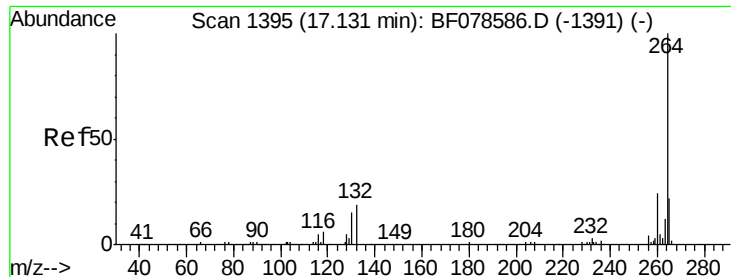


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 19.47 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF078751.D
Acq: 23 Apr 2015 16:28

Instrument :
BNA_F
ClientSampleId :
SB-77D

Tgt Ion: 264 Resp: 113272
Ion Ratio Lower Upper
264 100
260 24.0 18.6 27.8
265 21.6 17.0 25.6

