

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050115\
 Data File : BF078891.D
 Acq On : 1 May 2015 14:31
 Operator : TP/IZ
 Sample : G2069-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-033

Quant Time: May 01 23:06:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 22:48:21 2015
 Response via : Initial Calibration

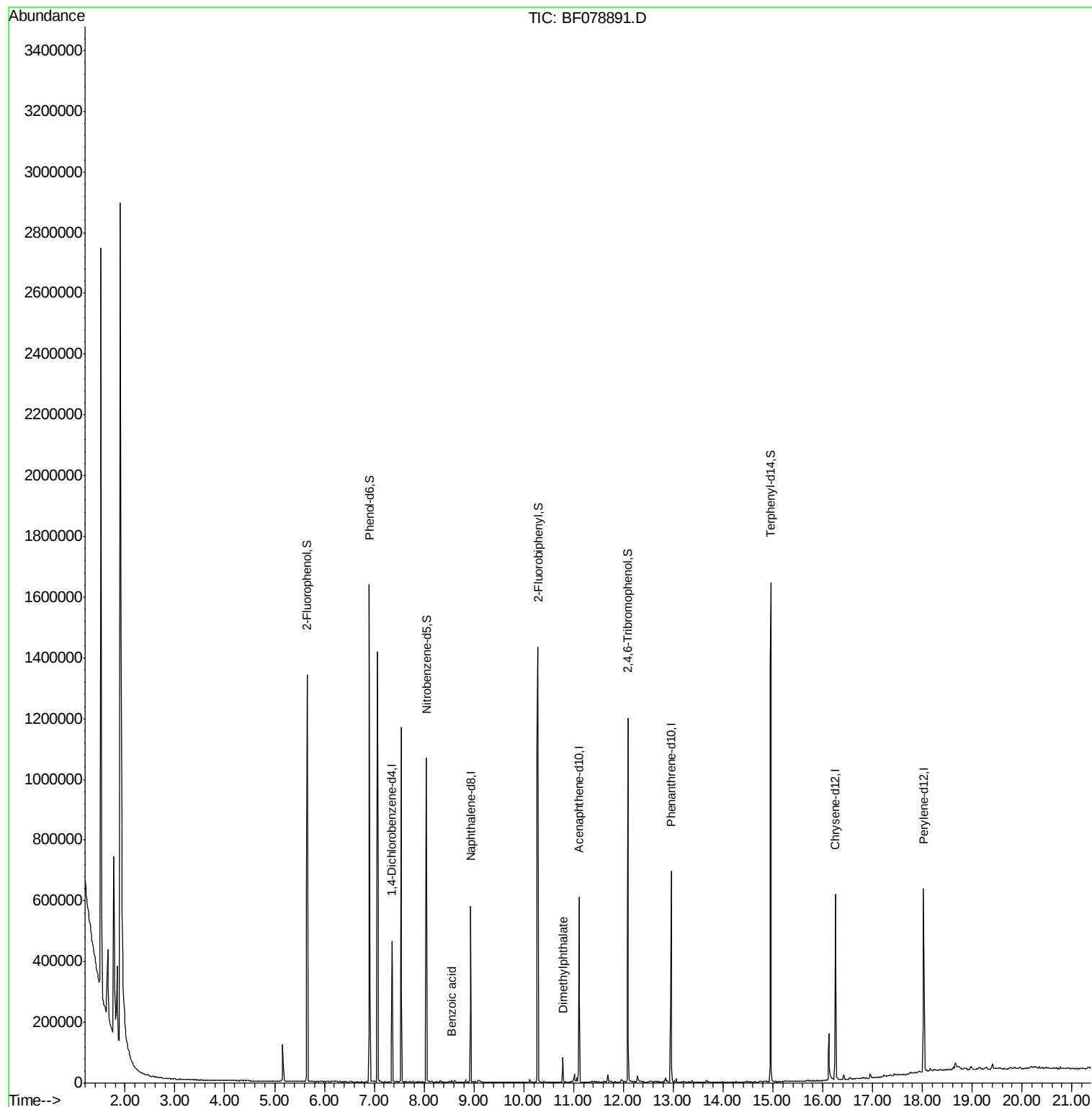
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	68741	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	289002	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	137805	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	275900	20.00	ng	0.00
75) Chrysene-d12	16.25	240	286791	20.00	ng	-0.03
86) Perylene-d12	18.02	264	288617	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	418523	104.80	ng	0.00
7) Phenol-d6	6.90	99	533274	101.03	ng	0.00
23) Nitrobenzene-d5	8.04	82	309457	61.54	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	152093	102.02	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	606739	61.34	ng	0.00
78) Terphenyl-d14	14.96	244	754520	62.99	ng	0.00
Target Compounds						
32) Benzoic acid	8.56	122	1109	6.68	ng	Qvalue 87
49) Dimethylphthalate	10.79	163	42376	4.19	ng	# 98

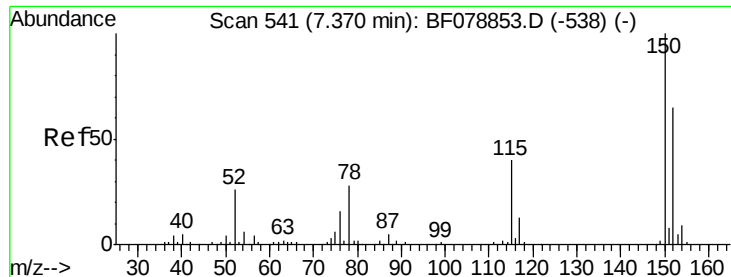
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF078891.D

Acq: 1 May 2015 14:31

Instrument :

BNA_F

ClientSampleId :

FS-033

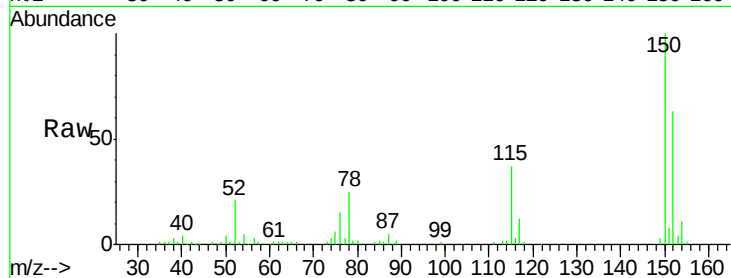
Tgt Ion:152 Resp: 68741

Ion Ratio Lower Upper

152 100

150 158.0 122.0 183.0

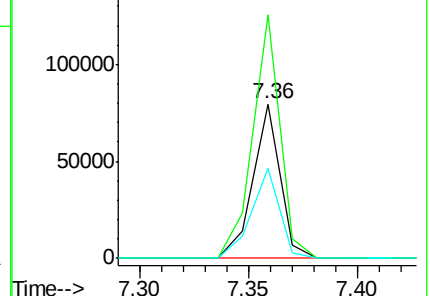
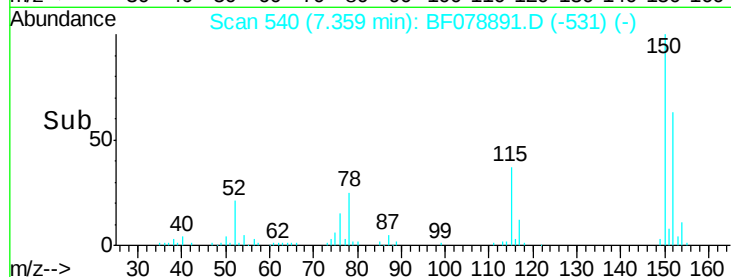
115 58.7 46.3 69.5



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: 104.80 ng

RT: 5.66 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF078891.D

Acq: 1 May 2015 14:31

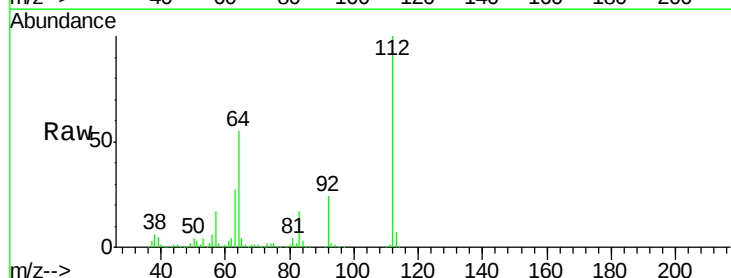
Tgt Ion:112 Resp: 418523

Ion Ratio Lower Upper

112 100

64 55.1 53.5 80.3

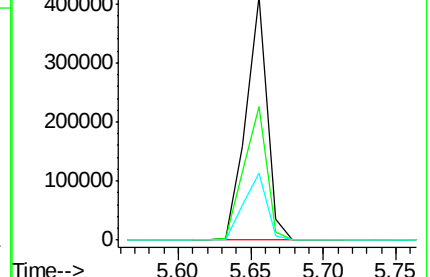
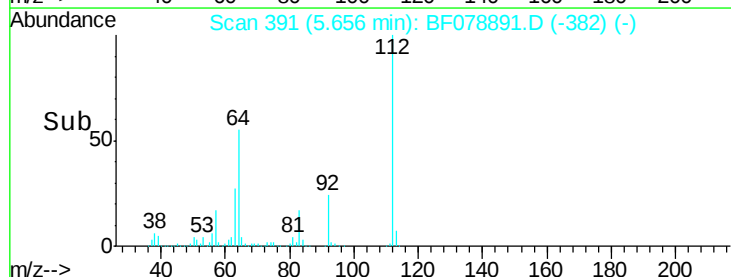
63 27.5 27.5 41.3#



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: 101.03 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078891.D

Acq: 1 May 2015 14:31

Instrument :

BNA_F

ClientSampleId :

FS-033

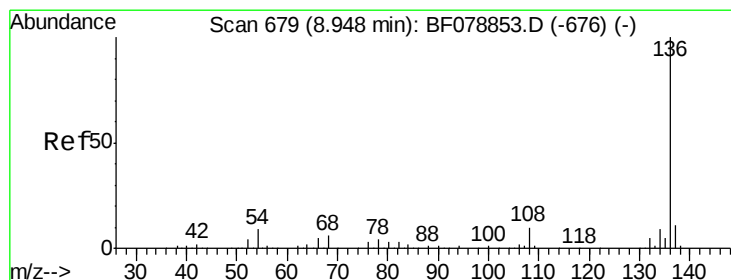
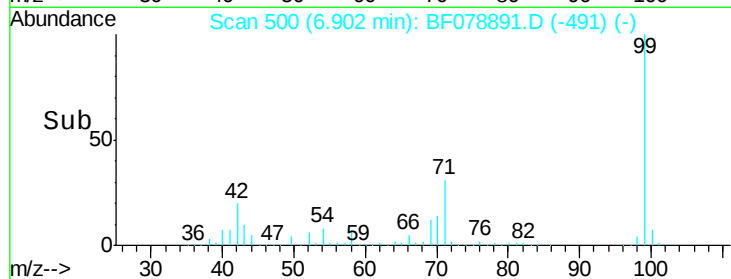
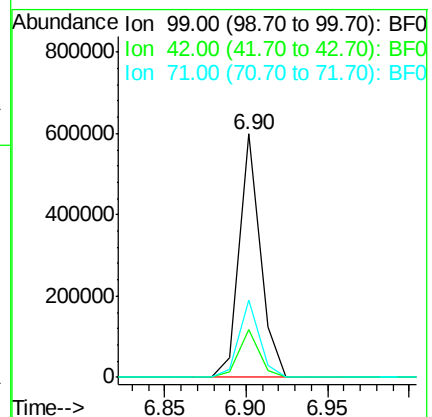
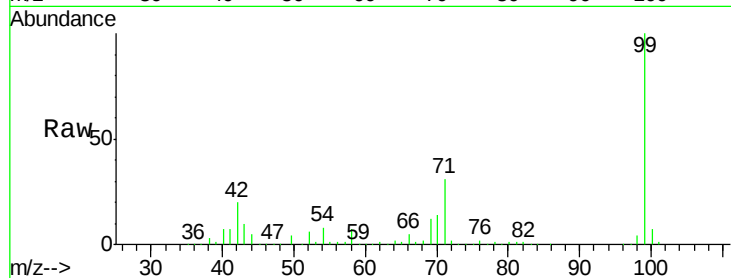
Tgt Ion: 99 Resp: 533274

Ion Ratio Lower Upper

99 100

42 19.5 12.8 19.2#

71 31.5 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: BF078891.D

Acq: 1 May 2015 14:31

Tgt Ion: 136 Resp: 289002

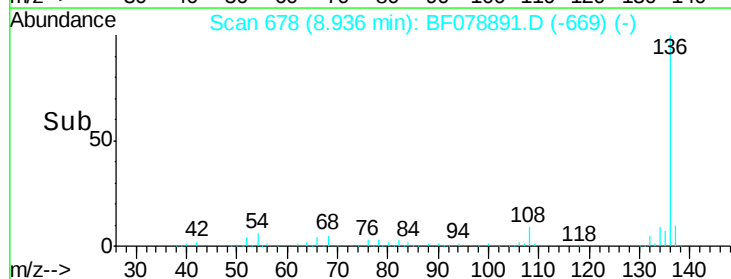
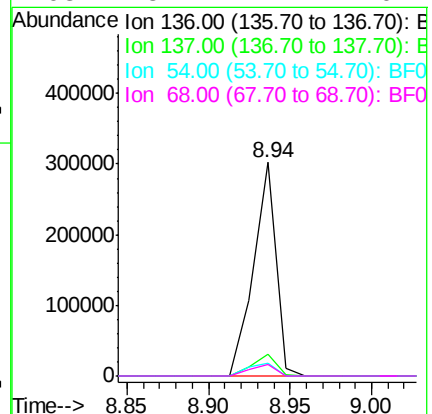
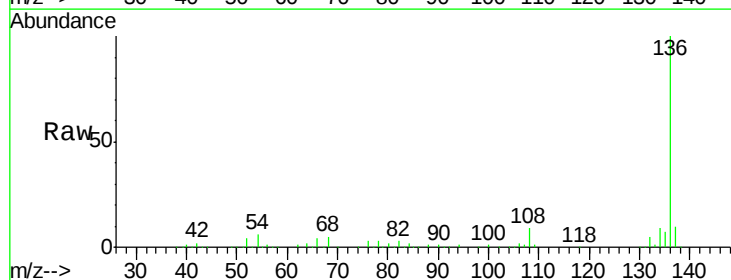
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 6.1 5.8 8.8

68 5.1 4.2 6.4

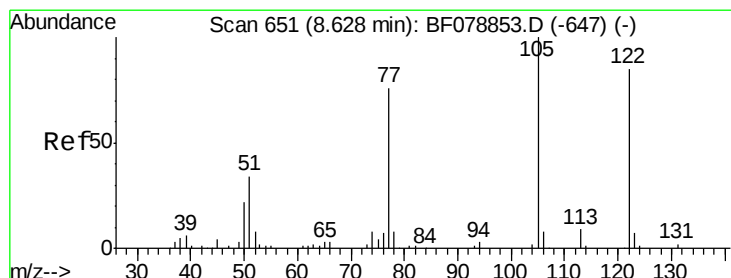
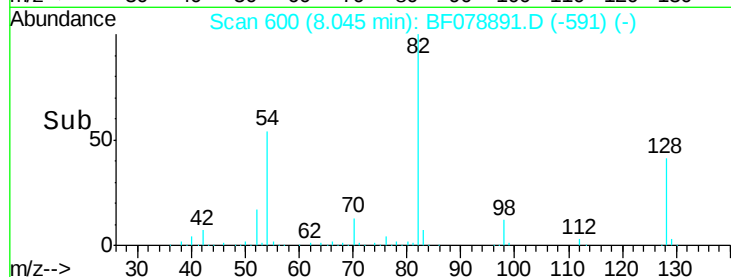
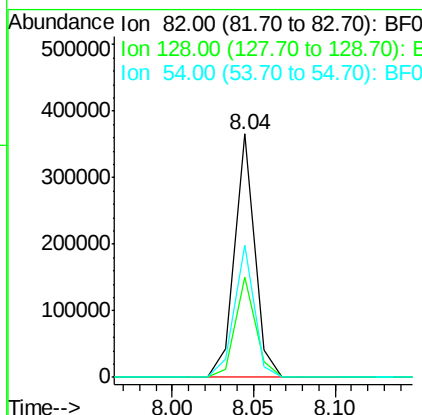
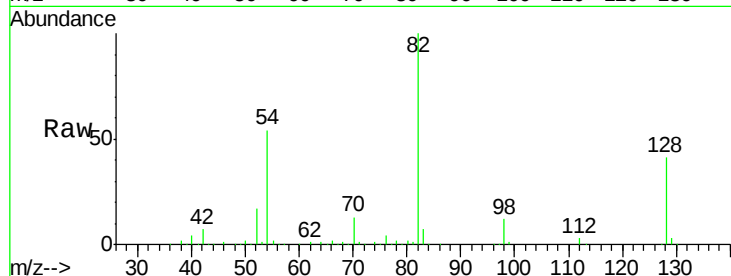




#23
 Nitrobenzene-d5
 Concen: 61.54 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078891.D
 Acq: 1 May 2015 14:31

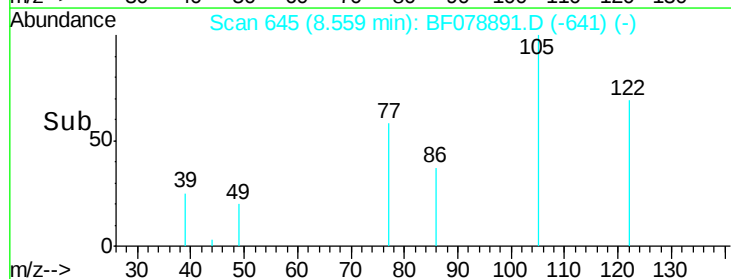
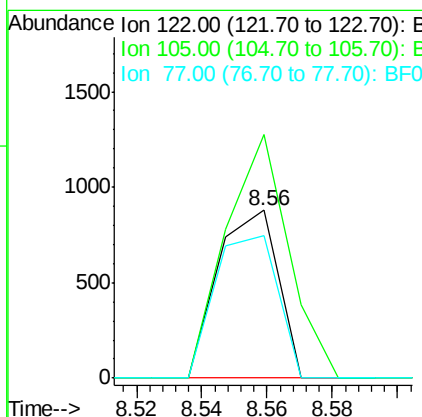
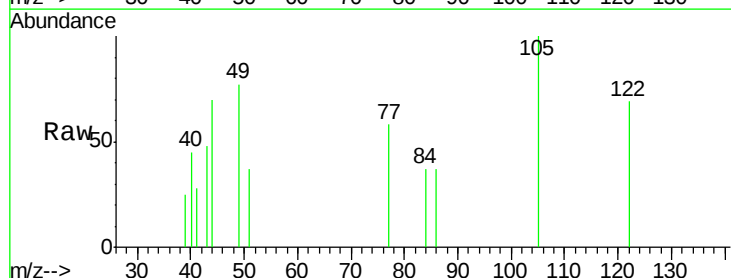
Instrument :
 BNA_F
 ClientSampleId :
 FS-033

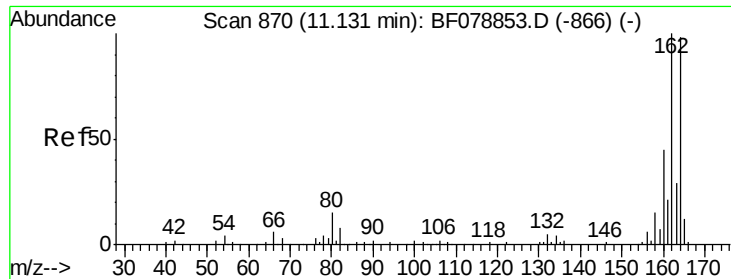
Tgt Ion: 82 Resp: 309457
 Ion Ratio Lower Upper
 82 100
 128 41.3 30.0 45.0
 54 54.1 46.4 69.6



#32
 Benzoic acid
 Concen: 6.68 ng
 RT: 8.56 min Scan# 645
 Delta R.T. -0.06 min
 Lab File: BF078891.D
 Acq: 1 May 2015 14:31

Tgt Ion: 122 Resp: 1109
 Ion Ratio Lower Upper
 122 100
 105 145.2 107.1 147.1
 77 84.7 73.9 113.9

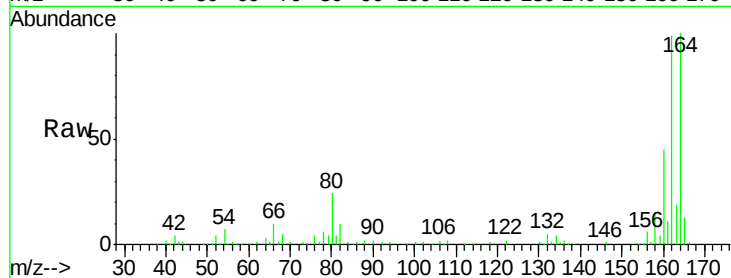




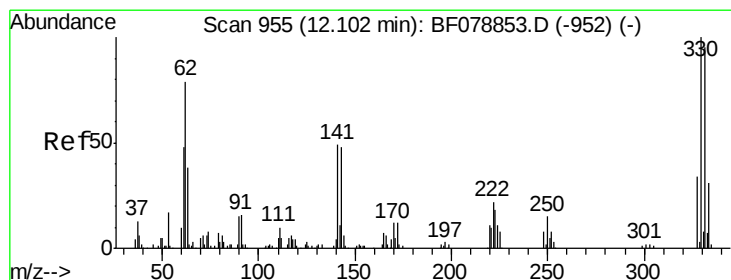
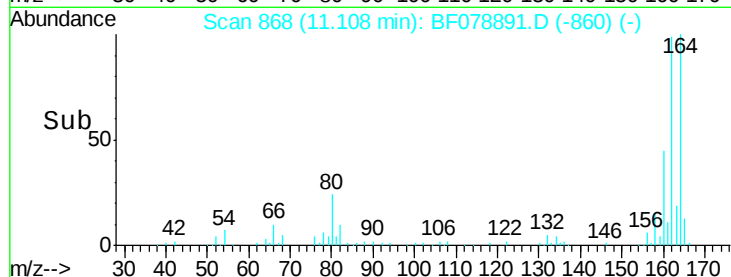
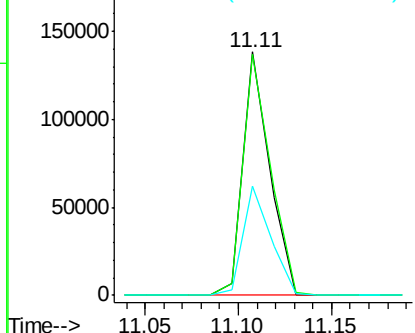
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF078891.D
Acq: 1 May 2015 14:31

Instrument :
BNA_F
ClientSampleId :
FS-033

Tgt Ion:164 Resp: 137805
Ion Ratio Lower Upper
164 100
162 98.8 82.7 124.1
160 44.7 35.8 53.8

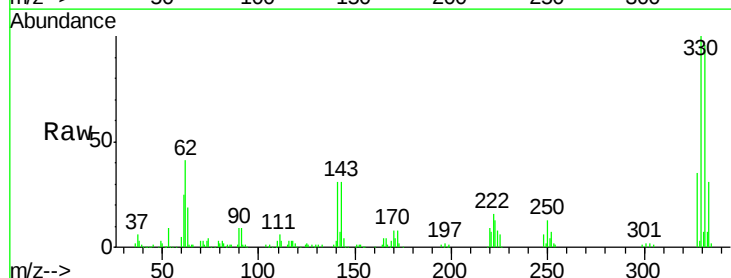


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

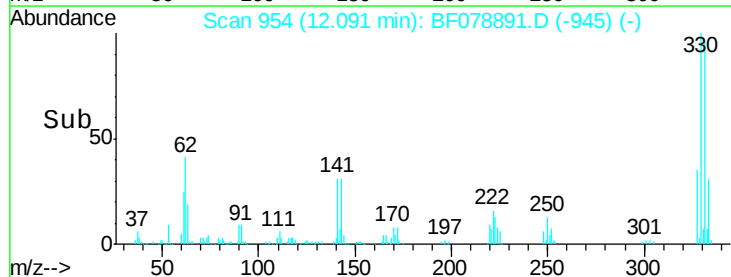
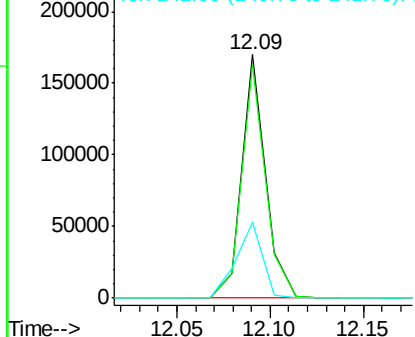


#41
2,4,6-Tribromophenol
Concen: 102.02 ng
RT: 12.09 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF078891.D
Acq: 1 May 2015 14:31

Tgt Ion:330 Resp: 152093
Ion Ratio Lower Upper
330 100
332 96.2 0.0 0.0#
141 34.5 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

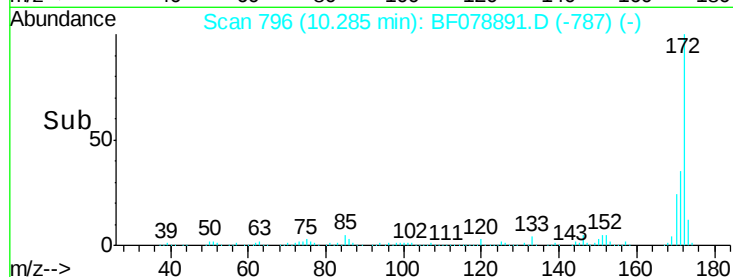
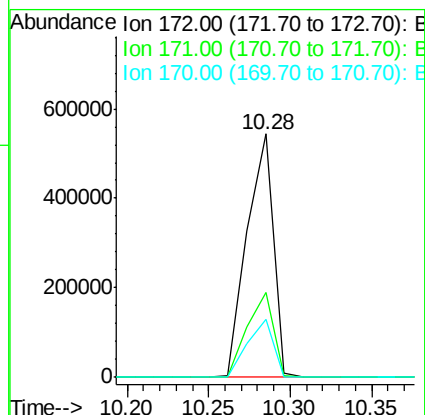
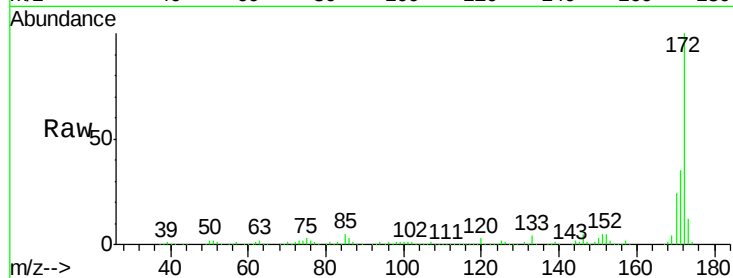




#44
2-Fluorobiphenyl
Concen: 61.34 ng
RT: 10.28 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF078891.D
Acq: 1 May 2015 14:31

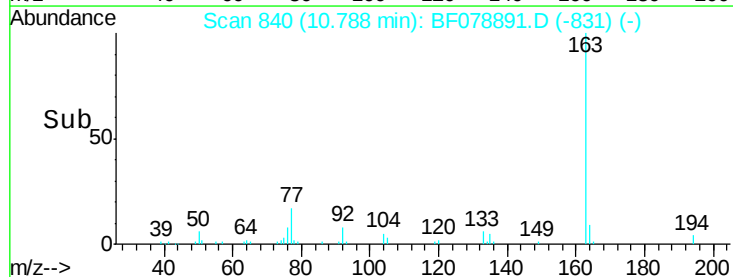
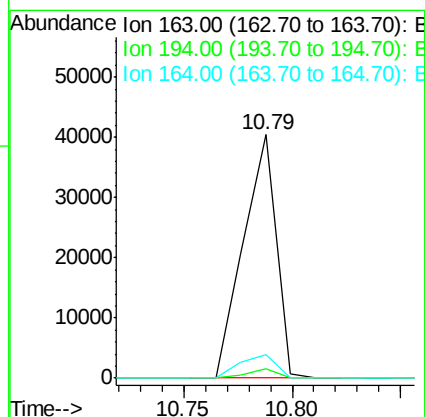
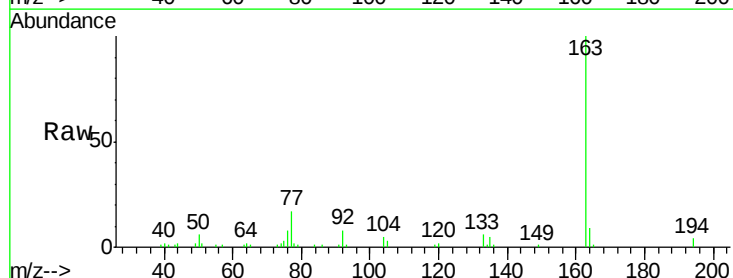
Instrument :
BNA_F
ClientSampleId :
FS-033

Tgt Ion:172 Resp: 606739
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.9 19.4 29.0



#49
Dimethylphthalate
Concen: 4.19 ng
RT: 10.79 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF078891.D
Acq: 1 May 2015 14:31

Tgt Ion:163 Resp: 42376
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 9.4 8.1 12.1

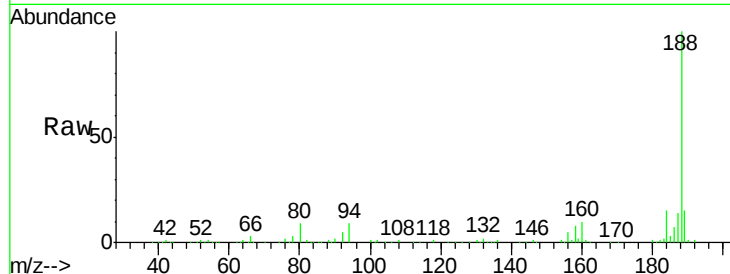




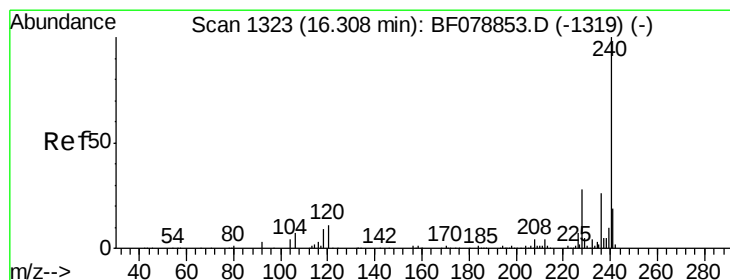
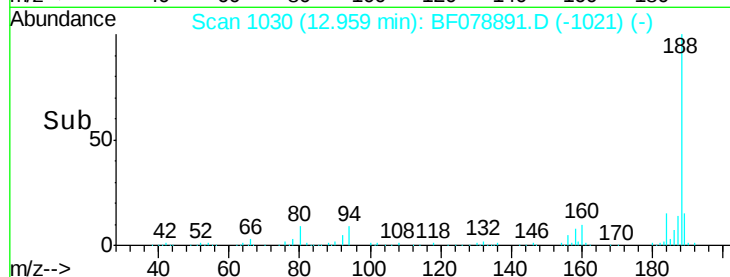
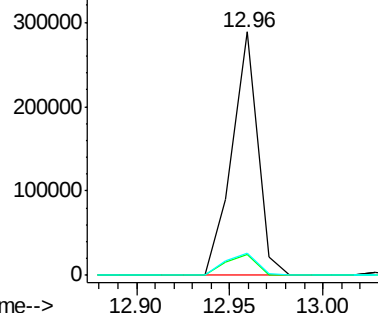
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF078891.D
Acq: 1 May 2015 14:31

Instrument :
BNA_F
ClientSampleId :
FS-033

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	9.0	8.9	13.3

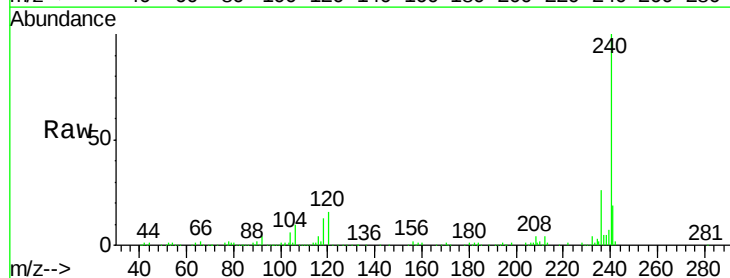


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

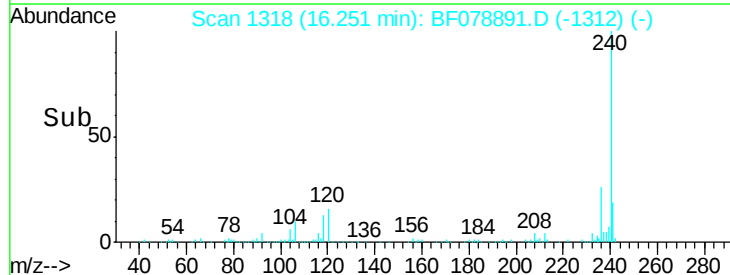
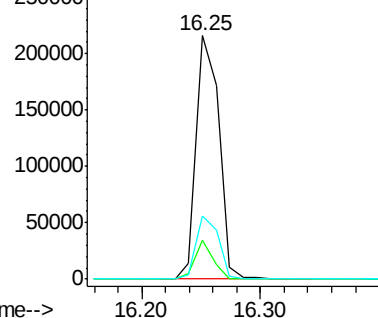


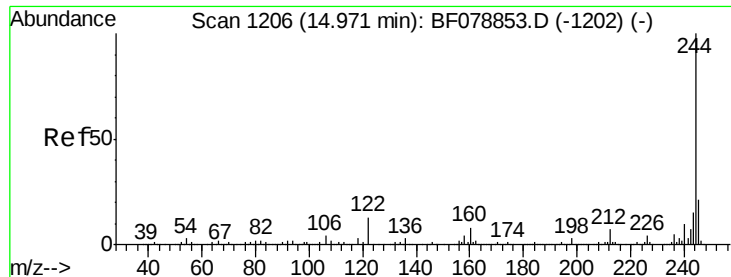
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.03 min
Lab File: BF078891.D
Acq: 1 May 2015 14:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.7	14.5#
236	25.7	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

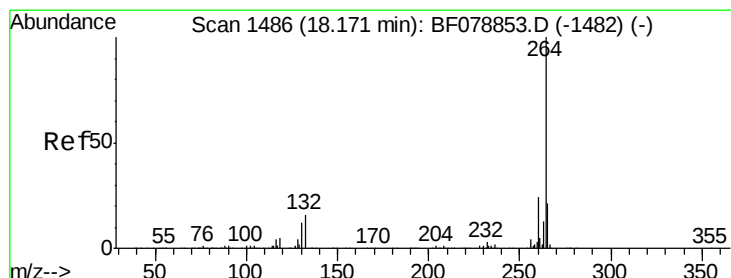
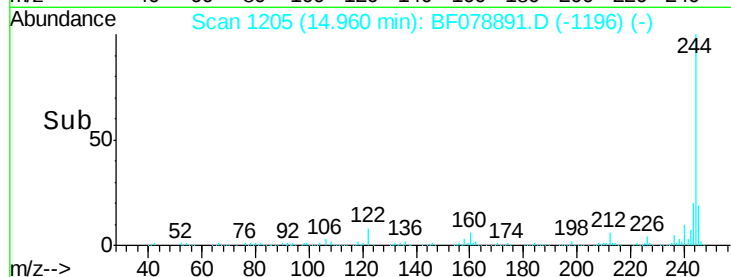
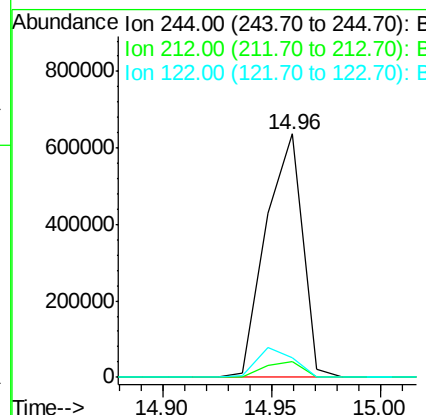
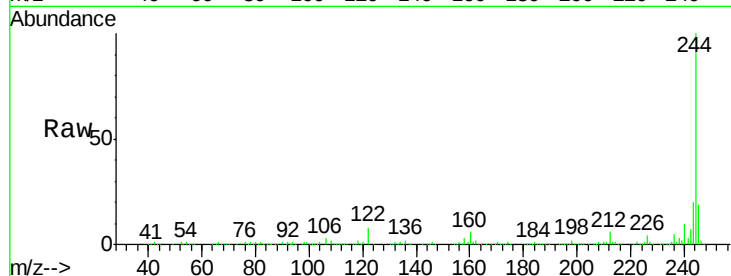




#78
 Terphenyl-d14
 Concen: 62.99 ng
 RT: 14.96 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF078891.D
 Acq: 1 May 2015 14:31

Instrument :
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 ClientSampleId :
 FS-033

Tgt Ion:244 Resp: 754520
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 8.2 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.02 min Scan# 1473
 Delta R.T. -0.10 min
 Lab File: BF078891.D
 Acq: 1 May 2015 14:31

Tgt Ion:264 Resp: 288617
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 22.1 18.3 27.5

