

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
 Data File : BF083559.D
 Acq On : 7 Dec 2015 16:30
 Operator : UM/IZ
 Sample : PB87075BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BL

Quant Time: Dec 08 01:25:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	138918	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	548525	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	279197	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	548736	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	484390	20.00	ng	-0.03
86) Perylene-d12	18.66	264	381535	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.01	112	1178687	128.72	ng	-0.02
7) Phenol-d6	5.29	99	1601489	126.94	ng	-0.03
23) Nitrobenzene-d5	6.54	82	995674	84.85	ng	-0.06
41) 2,4,6-Tribromophenol	11.71	330	328617	127.59	ng	-0.05
44) 2-Fluorobiphenyl	9.37	172	1639099	79.63	ng	-0.06
78) Terphenyl-d14	15.45	244	1664803	76.48	ng	-0.03

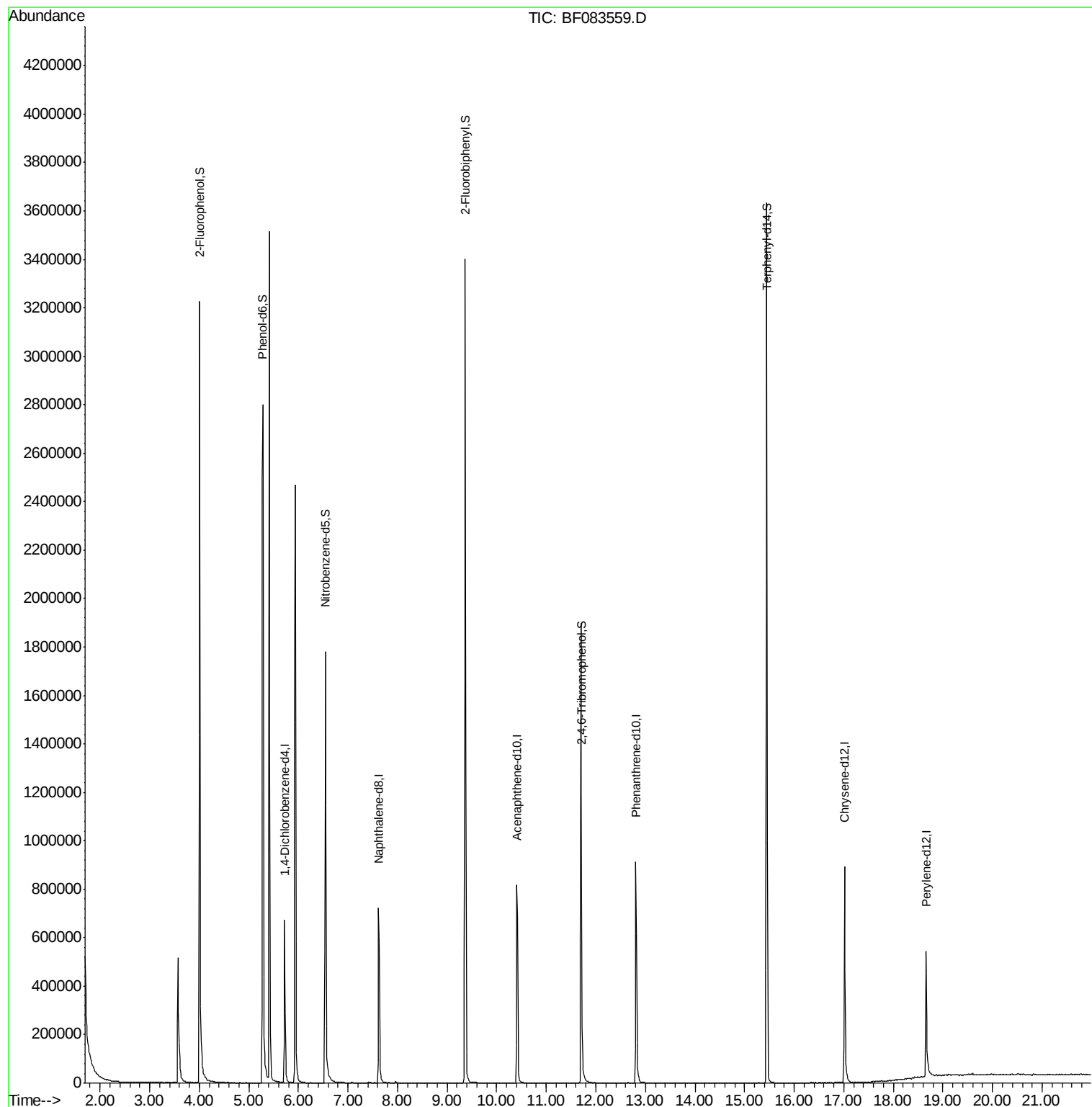
Target Compounds Qvalue

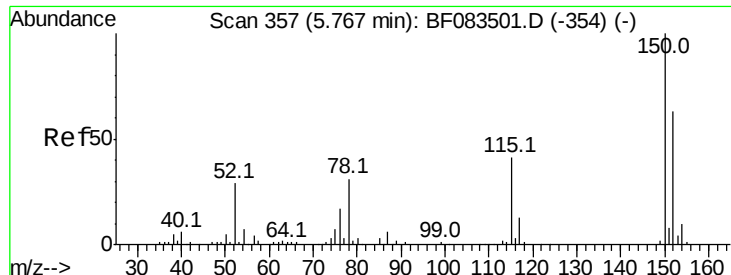
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.72 min Scan# 353

Delta R.T. -0.05 min

Lab File: BF083559.D

Acq: 7 Dec 2015 16:30

Instrument :

BNA_F

ClientSampleId :

PB87075BL

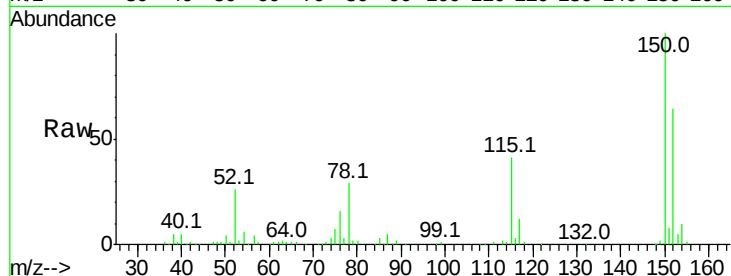
Tot Ion:152 Resp: 138918

Ion Ratio Lower Upper

152 100

150 157.2 126.5 189.7

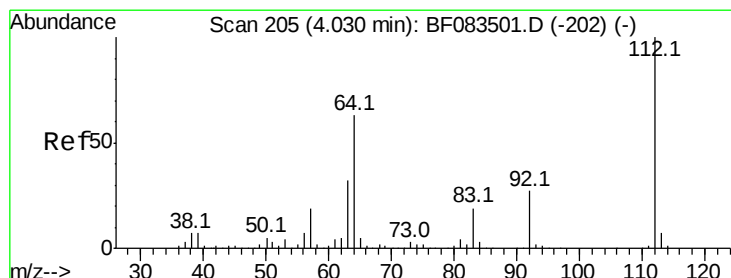
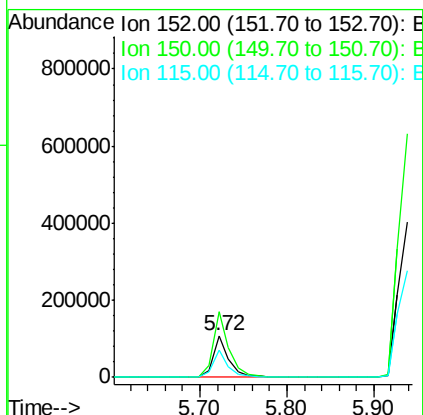
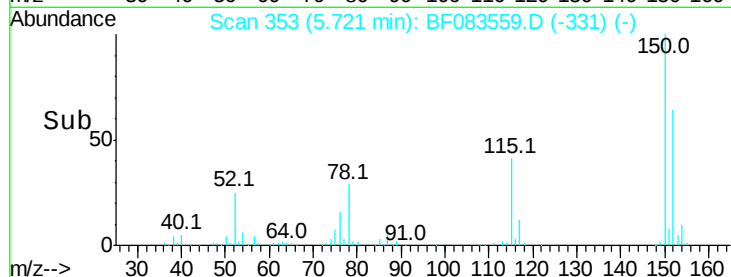
115 63.8 52.3 78.5



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: 128.72 ng

RT: 4.01 min Scan# 203

Delta R.T. -0.02 min

Lab File: BF083559.D

Acq: 7 Dec 2015 16:30

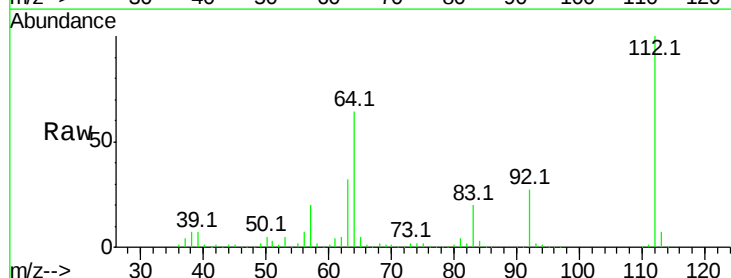
Tgt Ion:112 Resp: 1178687

Ion Ratio Lower Upper

112 100

64 64.4 50.5 75.7

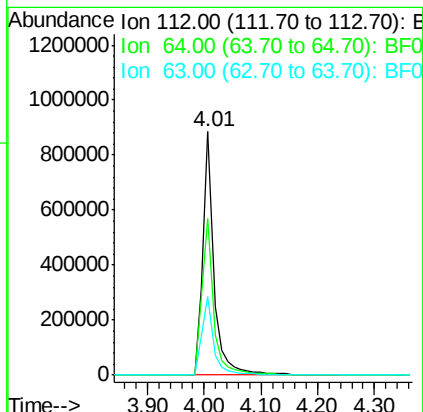
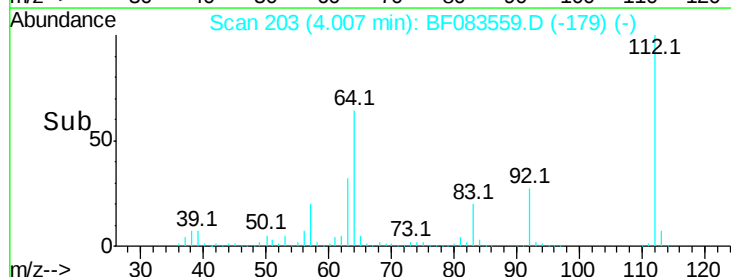
63 32.5 25.8 38.6

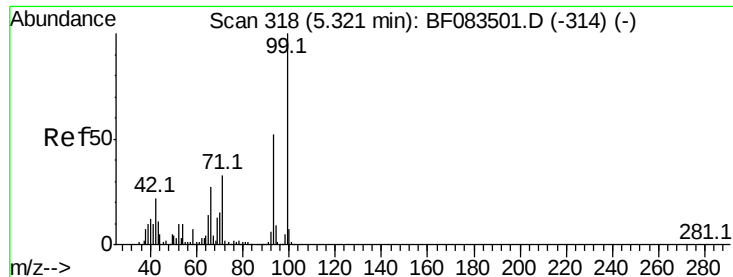


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.94 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083559.D

Acq: 7 Dec 2015 16:30

Instrument :

BNA_F

ClientSampled :

PB87075BL

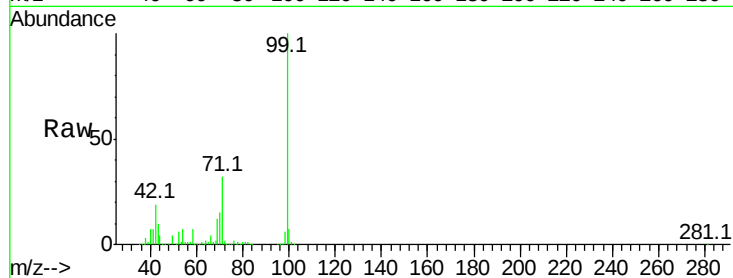
Tot Ion: 99 Resp: 1601489

Ion Ratio Lower Upper

99 100

42 18.6 17.3 25.9

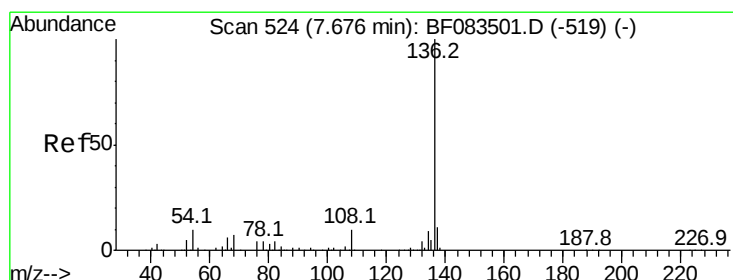
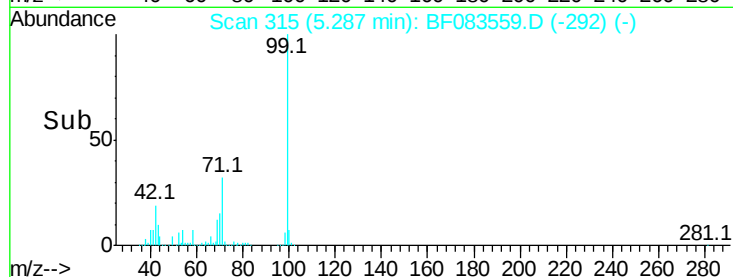
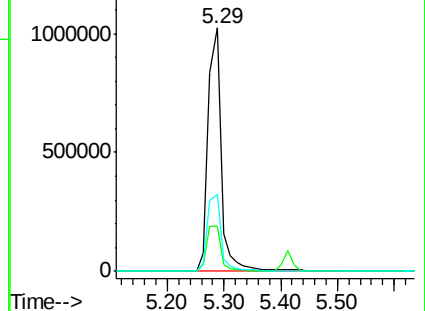
71 31.8 26.6 40.0



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: 7.62 min Scan# 519

Delta R.T. -0.06 min

Lab File: BF083559.D

Acq: 7 Dec 2015 16:30

Tgt Ion: 136 Resp: 548525

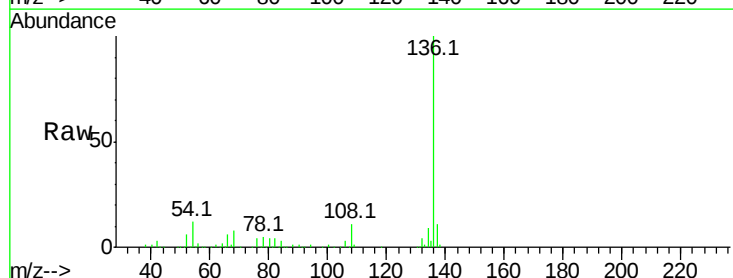
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 11.8 7.8 11.6#

68 7.8 5.7 8.5

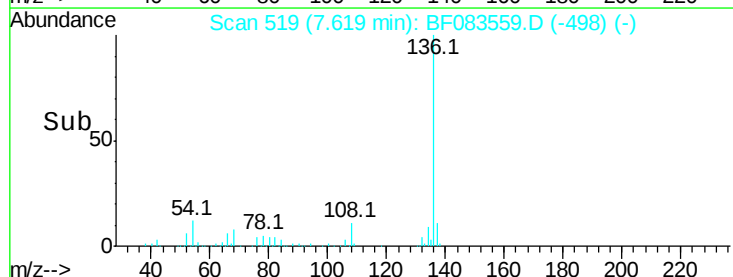
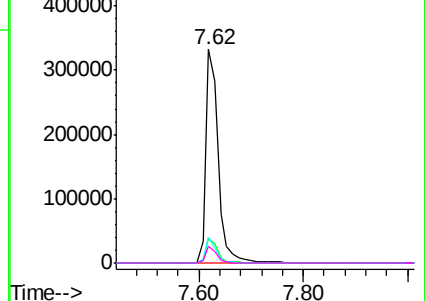


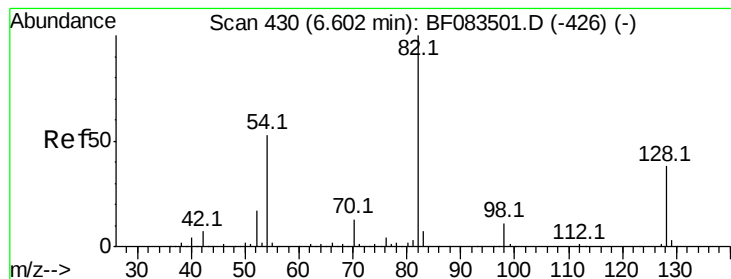
Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.85 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF083559.D

Acq: 7 Dec 2015 16:30

Instrument :

BNA_F

ClientSampleId :

PB87075BL

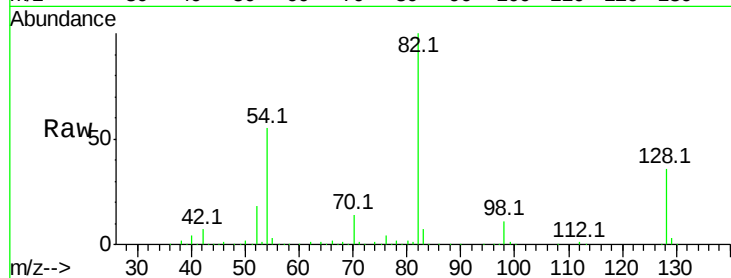
Tot Ion: 82 Resp: 995674

Ion Ratio Lower Upper

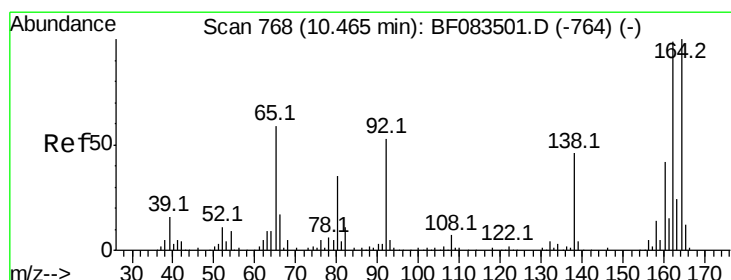
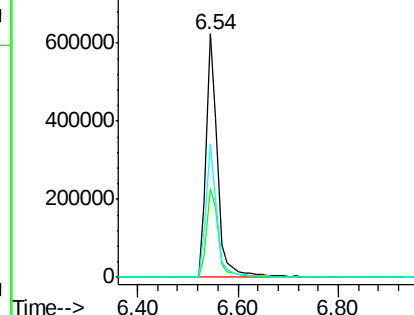
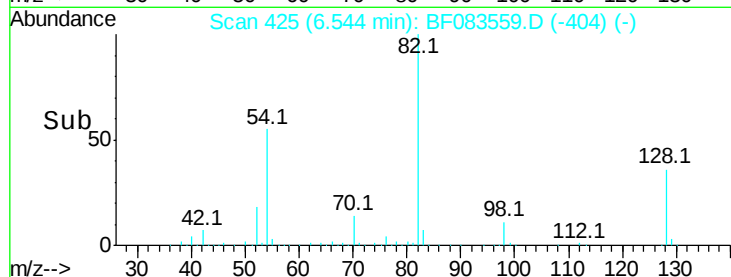
82 100

128 36.4 30.7 46.1

54 54.9 42.5 63.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.41 min Scan# 763

Delta R.T. -0.06 min

Lab File: BF083559.D

Acq: 7 Dec 2015 16:30

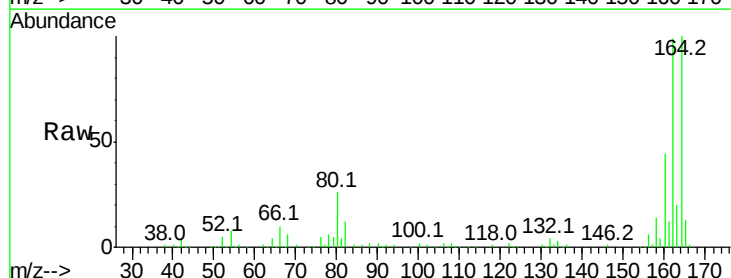
Tgt Ion:164 Resp: 279197

Ion Ratio Lower Upper

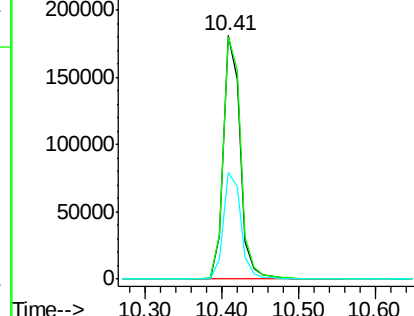
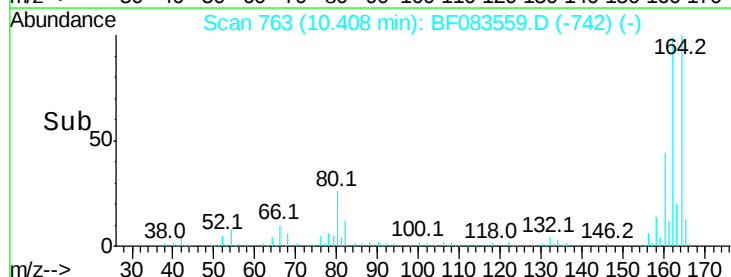
164 100

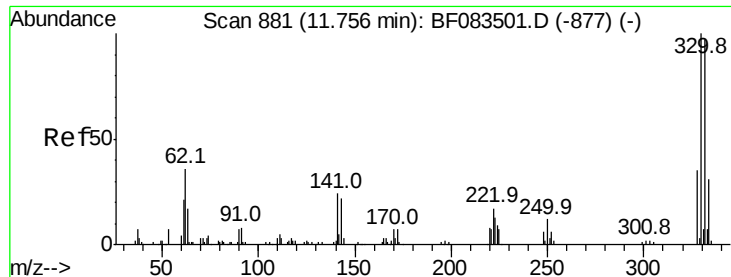
162 99.5 78.8 118.2

160 44.1 33.4 50.2



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

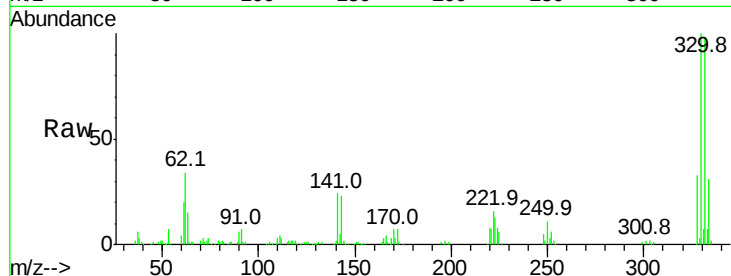




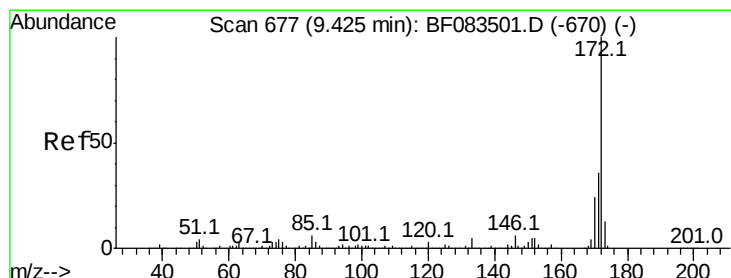
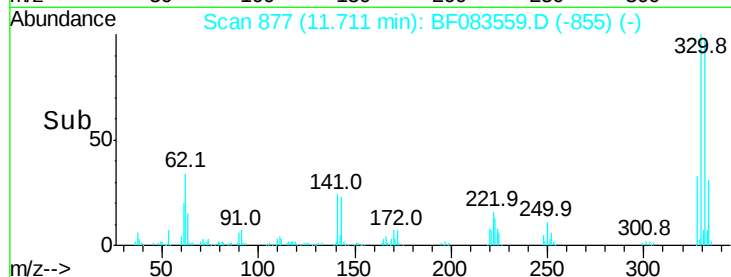
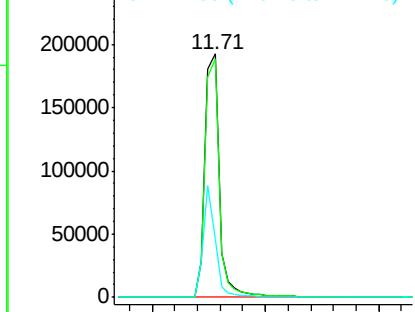
#41
 2,4,6-Tribromophenol
 Concen: 127.59 ng
 RT: 11.71 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF083559.D
 Acq: 7 Dec 2015 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BL

Tot Ion:330 Resp: 328617
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 38.7 0.0 0.0#

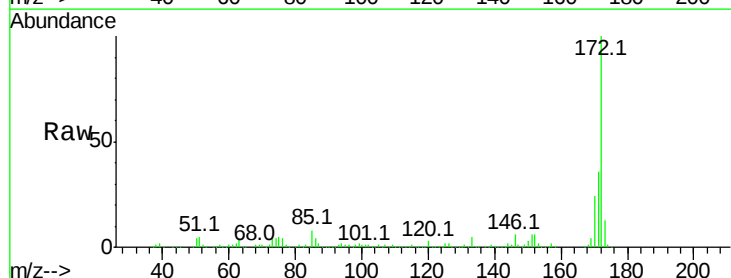


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

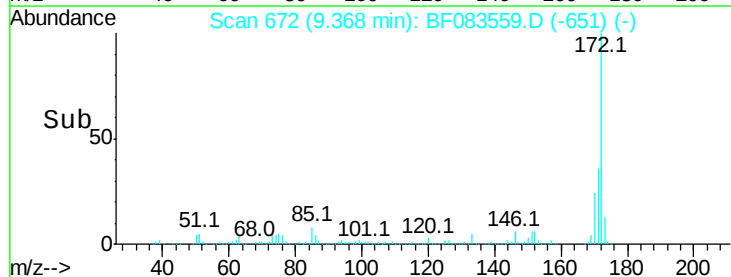
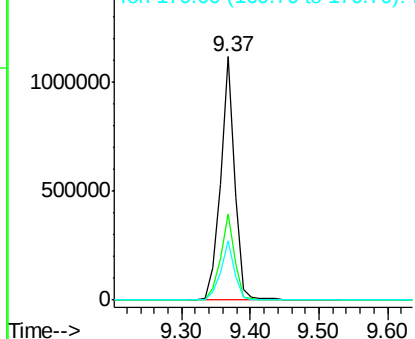


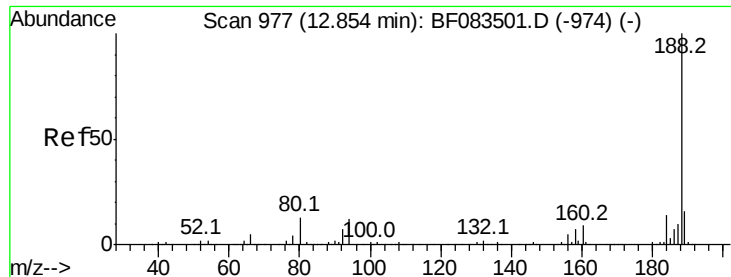
#44
 2-Fluorobiphenyl
 Concen: 79.63 ng
 RT: 9.37 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF083559.D
 Acq: 7 Dec 2015 16:30

Tgt Ion:172 Resp: 1639099
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 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

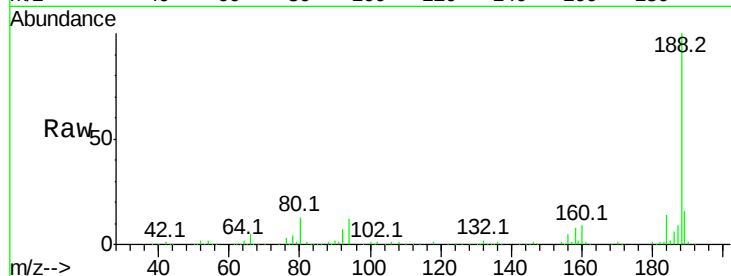




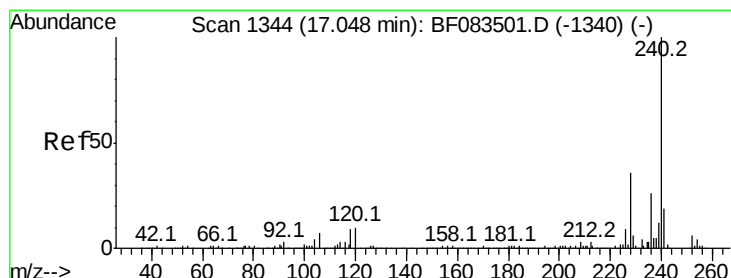
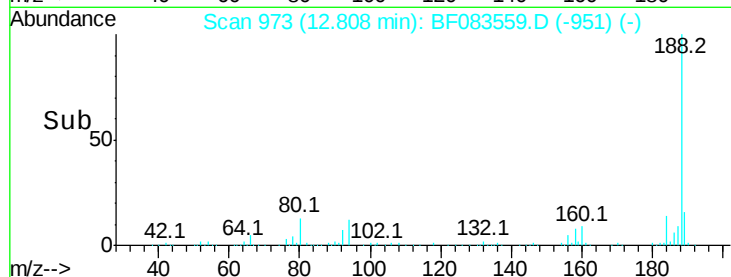
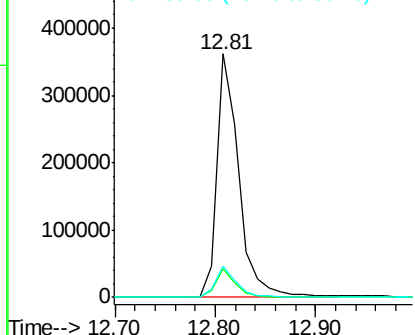
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 973
Delta R.T. -0.05 min
Lab File: BF083559.D
Acq: 7 Dec 2015 16:30

Instrument :
BNA_F
ClientSampleId :
PB87075BL

Tot Ion:188 Resp: 548736
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 12.8 10.6 16.0

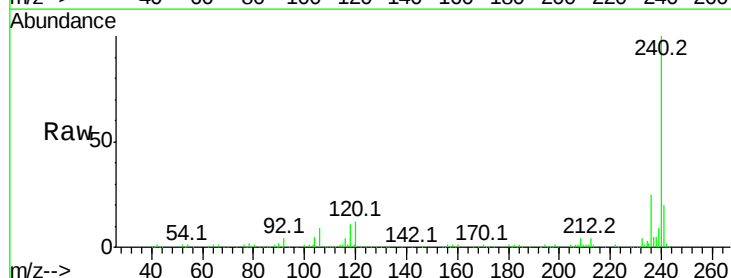


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

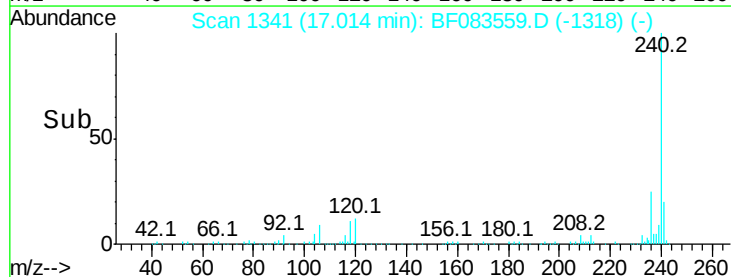
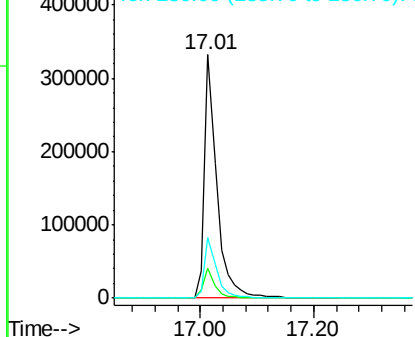


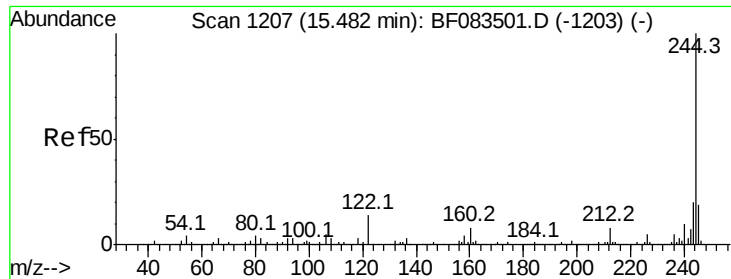
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF083559.D
Acq: 7 Dec 2015 16:30

Tgt Ion:240 Resp: 484390
Ion Ratio Lower Upper
240 100
120 12.2 8.1 12.1#
236 25.1 20.8 31.2



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

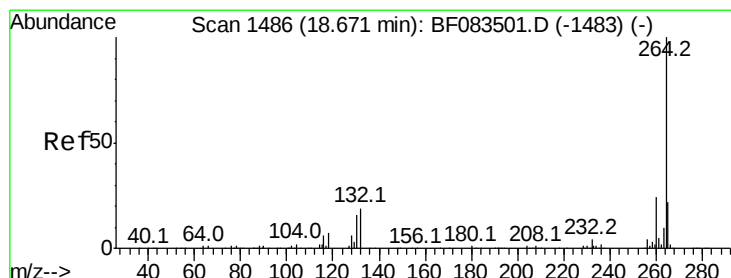
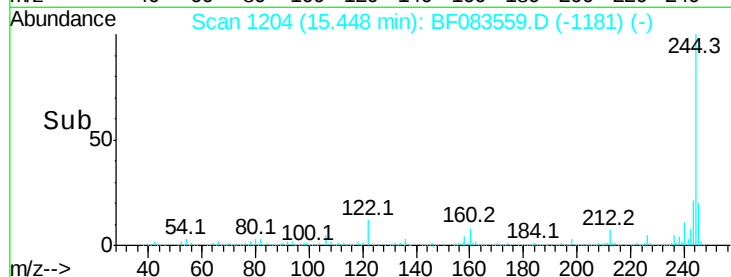
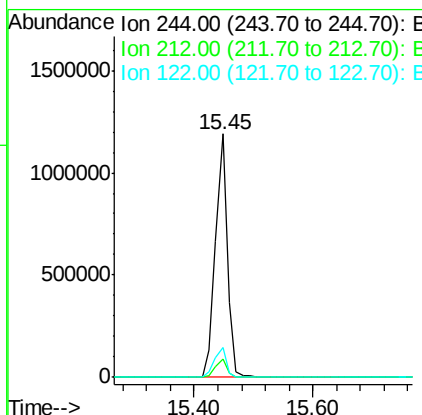
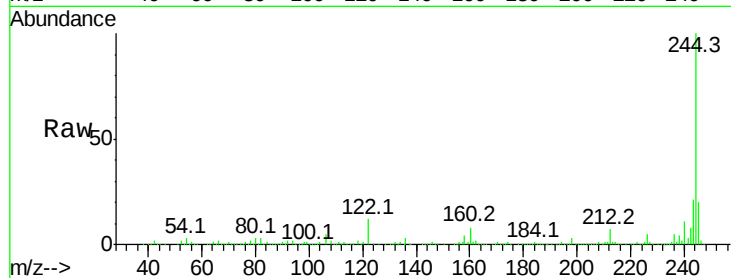




#78
 Terphenyl-d14
 Concen: 76.48 ng
 RT: 15.45 min Scan# 1204
 Delta R.T. -0.03 min
 Lab File: BF083559.D
 Acq: 7 Dec 2015 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BL

Tot Ion:244 Resp: 1664803
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.3 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF083559.D
 Acq: 7 Dec 2015 16:30

Tgt Ion:264 Resp: 381535
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 21.8 17.8 26.6

