

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
 Data File : BF083608.D
 Acq On : 8 Dec 2015 21:51
 Operator : UM/IZ
 Sample : PB87105BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87105BL

Quant Time: Dec 09 02:42:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	147075	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	577701	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	296215	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	562834	20.00	ng	0.00
75) Chrysene-d12	16.99	240	509112	20.00	ng	0.00
86) Perylene-d12	18.64	264	408047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	1241956	128.08	ng	0.01
7) Phenol-d6	5.26	99	1705286	131.61	ng	-0.01
23) Nitrobenzene-d5	6.52	82	1040263	84.02	ng	-0.01
41) 2,4,6-Tribromophenol	11.68	330	339158	128.52	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1731255	82.26	ng	0.00
78) Terphenyl-d14	15.41	244	1708948	78.98	ng	0.00

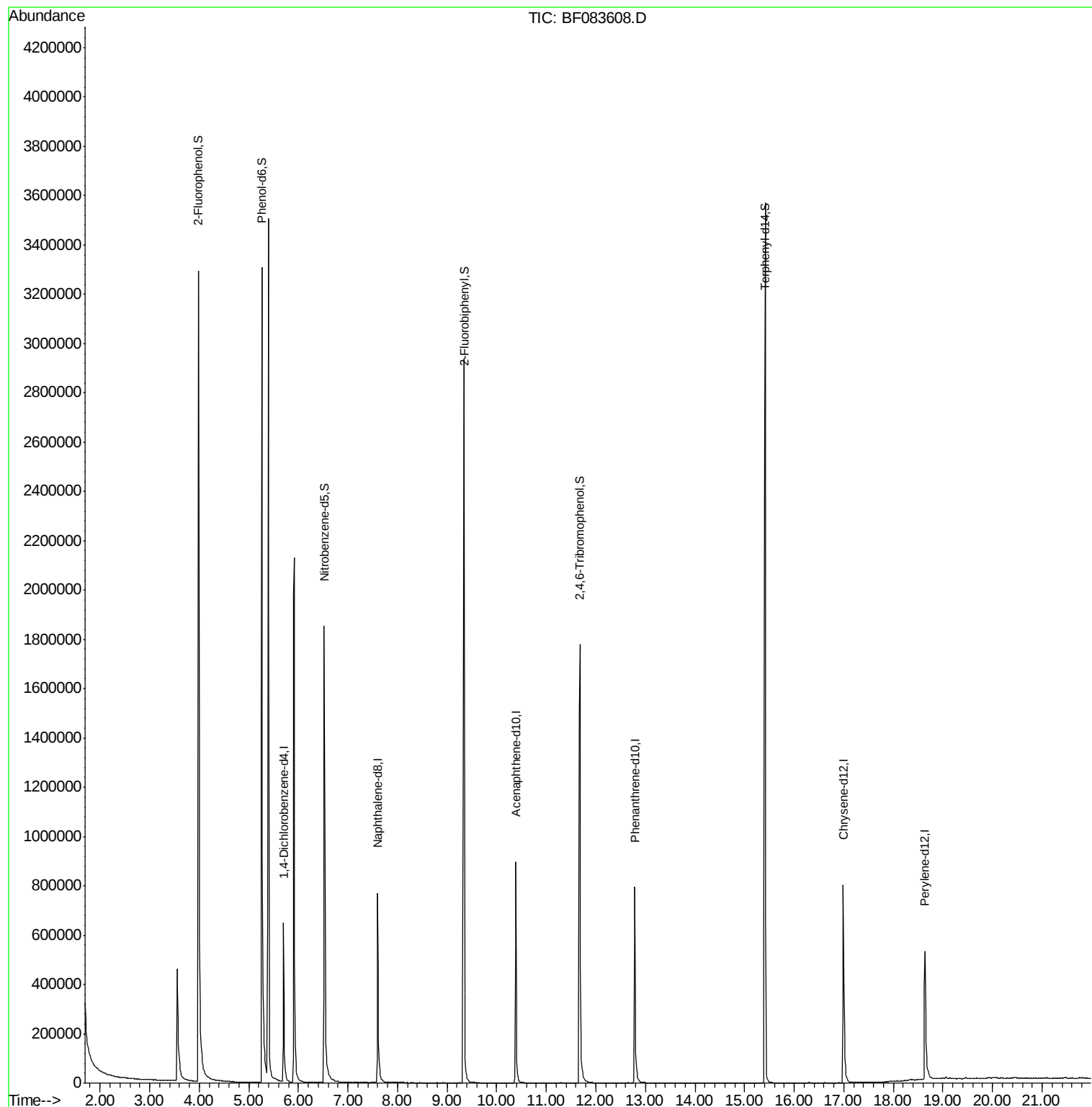
Target Compounds Qvalue

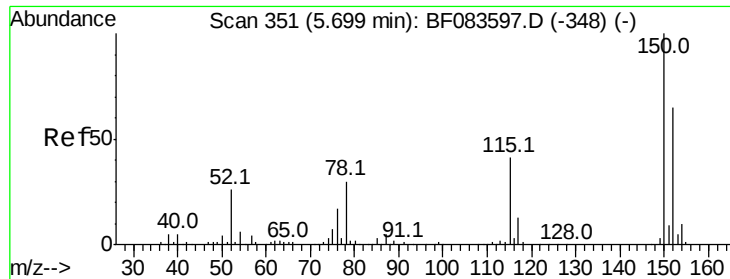
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.70 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF083608.D

Acq: 8 Dec 2015 21:51

Instrument :

BNA_F

ClientSampleId :

PB87105BL

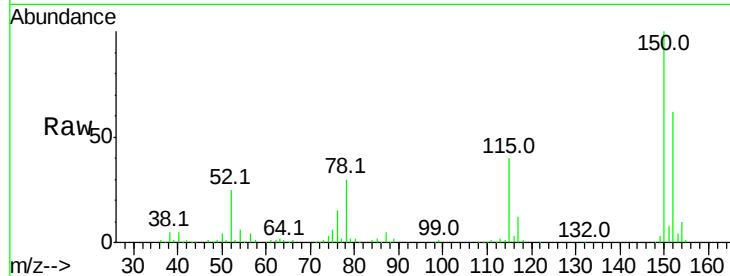
Tot Ion:152 Resp: 147075

Ion Ratio Lower Upper

152 100

150 160.6 126.5 189.7

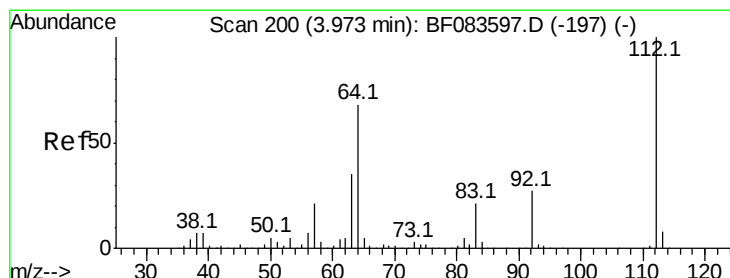
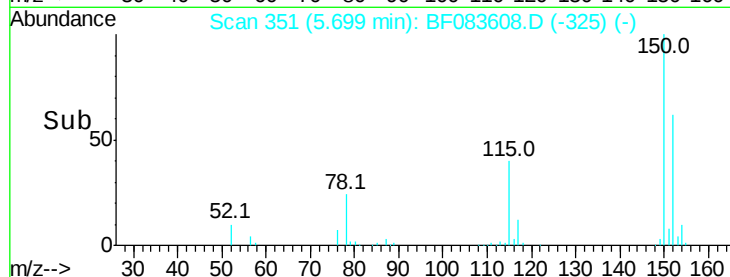
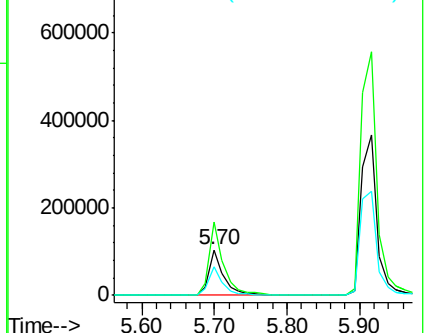
115 64.0 52.3 78.5



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: 128.08 ng

RT: 3.98 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF083608.D

Acq: 8 Dec 2015 21:51

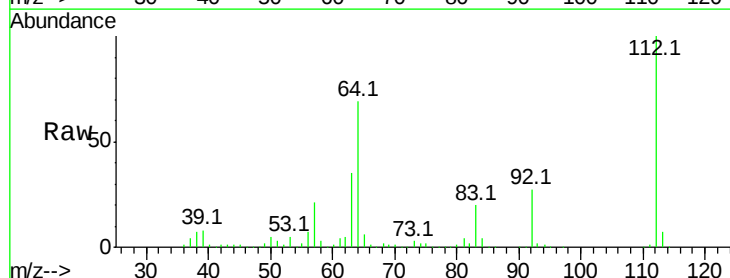
Tgt Ion:112 Resp: 1241956

Ion Ratio Lower Upper

112 100

64 68.8 50.5 75.7

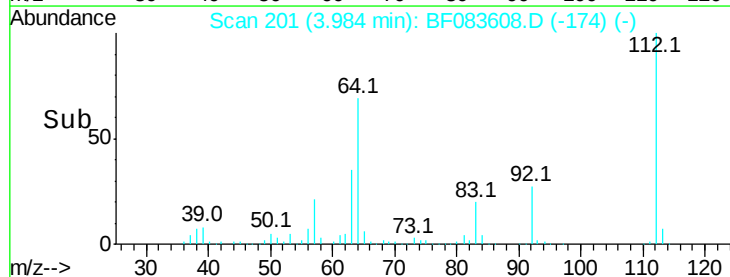
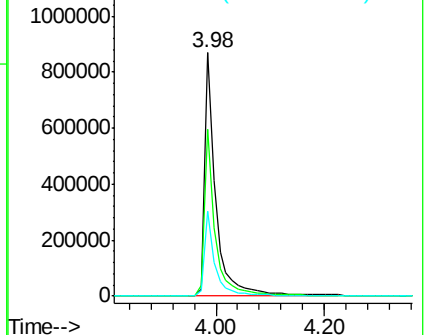
63 34.6 25.8 38.6

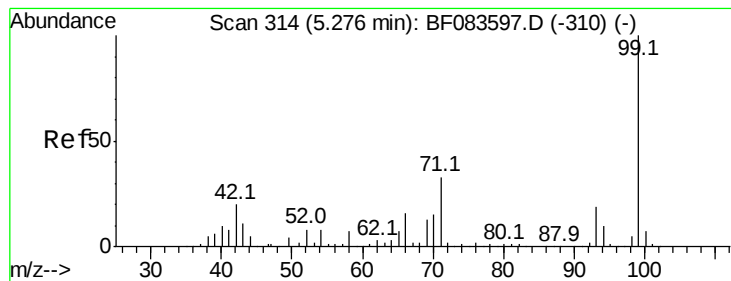


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.61 ng

RT: 5.26 min Scan# 313

Delta R.T. -0.01 min

Lab File: BF083608.D

Acq: 8 Dec 2015 21:51

Instrument :

BNA_F

ClientSampleId :

PB87105BL

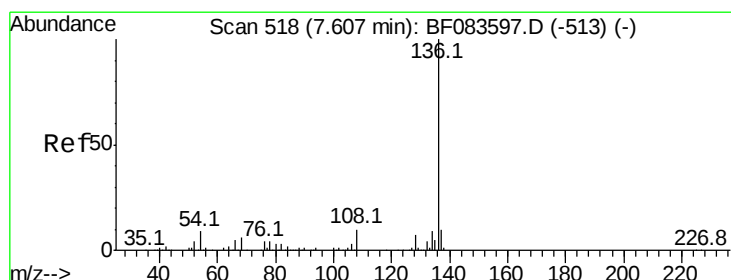
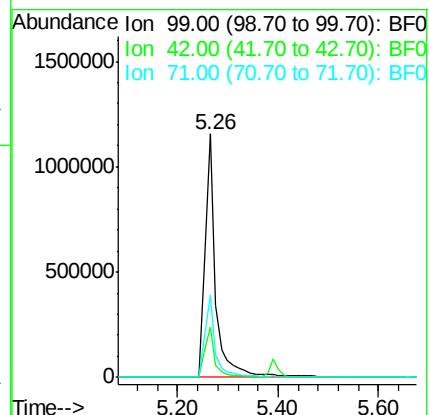
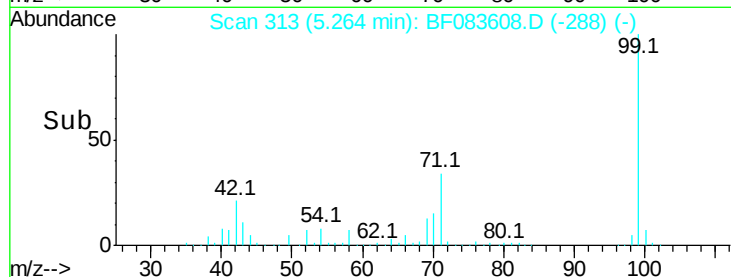
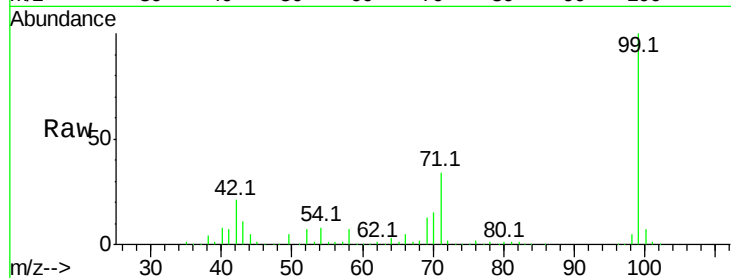
Tot Ion: 99 Resp: 1705286

Ion Ratio Lower Upper

99 100

42 20.9 17.3 25.9

71 33.9 26.6 40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.60 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF083608.D

Acq: 8 Dec 2015 21:51

Tgt Ion: 136 Resp: 577701

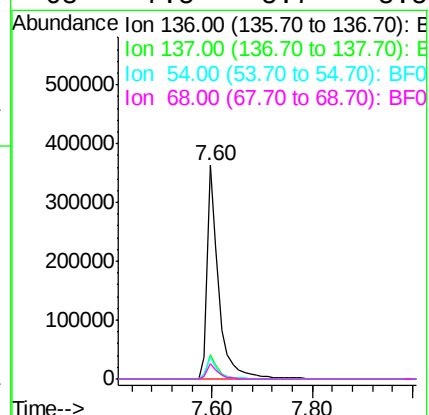
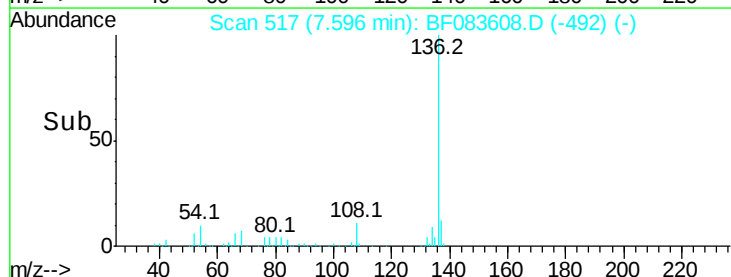
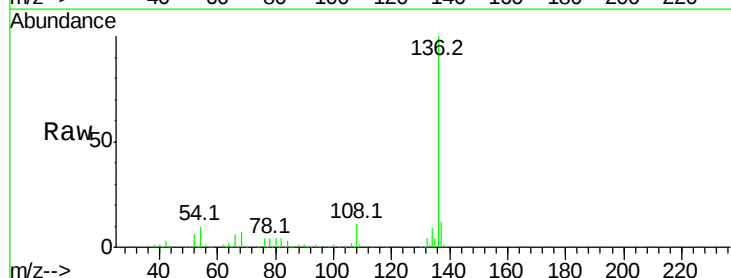
Ion Ratio Lower Upper

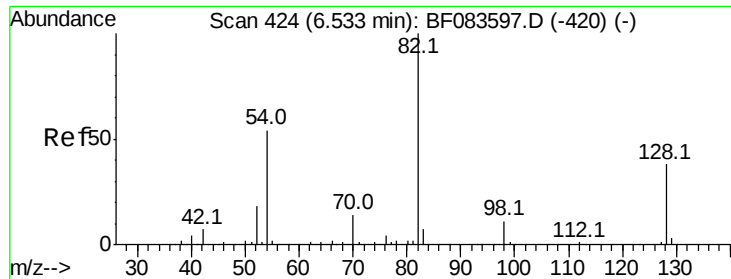
136 100

137 11.6 8.7 13.1

54 10.3 7.8 11.6

68 7.5 5.7 8.5

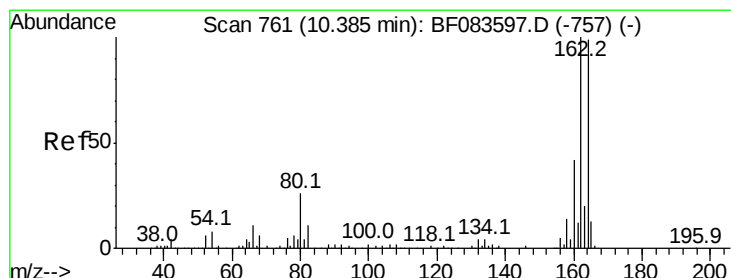
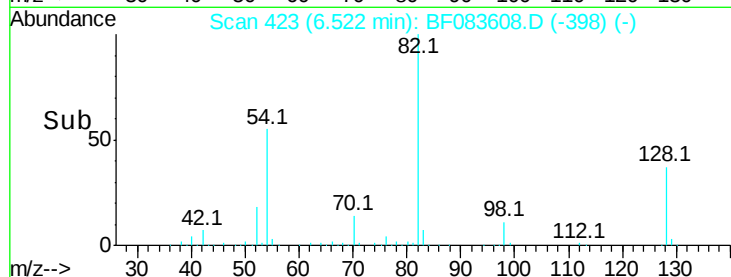
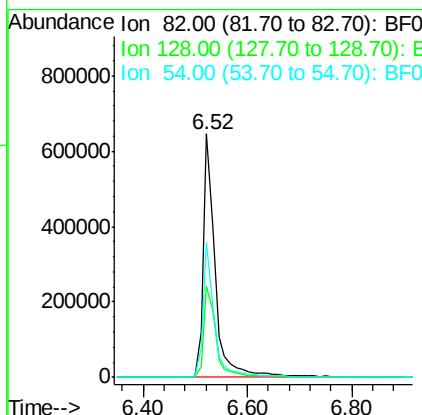
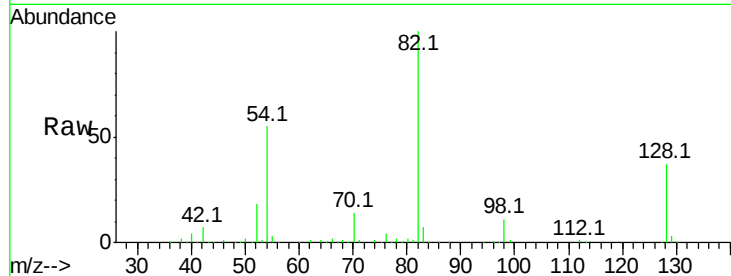




#23
 Nitrobenzene-d5
 Concen: 84.02 ng
 RT: 6.52 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF083608.D
 Acq: 8 Dec 2015 21:51

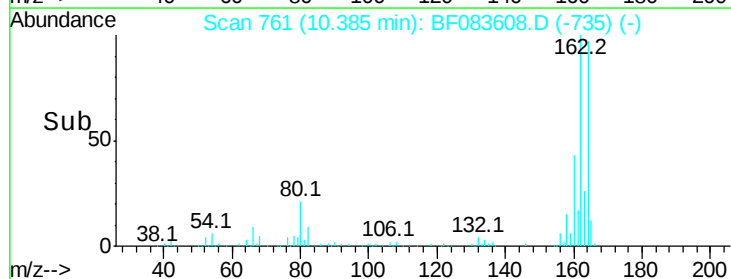
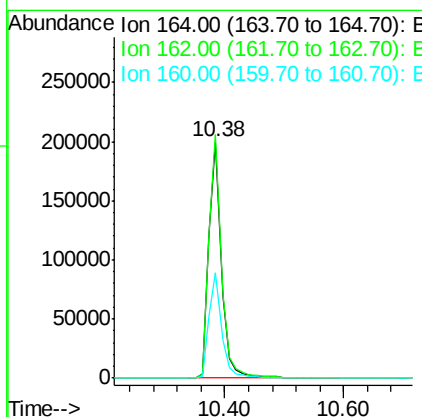
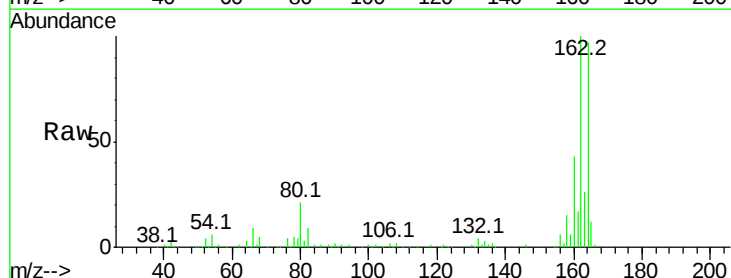
Instrument :
 BNA_F
 ClientSampleId :
 PB87105BL

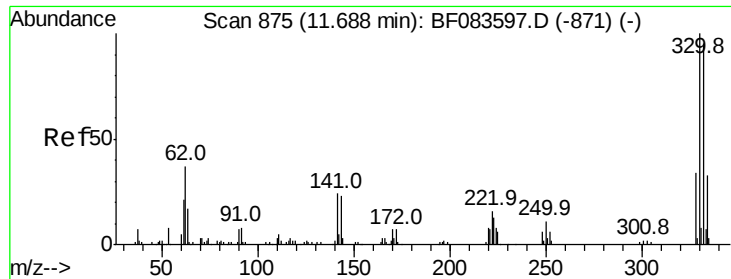
Tot Ion: 82 Resp: 1040263
 Ion Ratio Lower Upper
 82 100
 128 37.4 30.7 46.1
 54 55.4 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.38 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF083608.D
 Acq: 8 Dec 2015 21:51

Tgt Ion:164 Resp: 296215
 Ion Ratio Lower Upper
 164 100
 162 102.9 78.8 118.2
 160 44.4 33.4 50.2

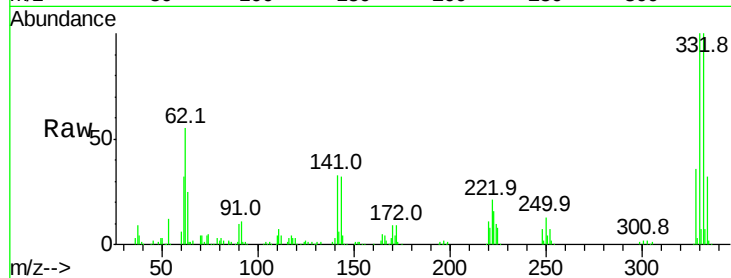




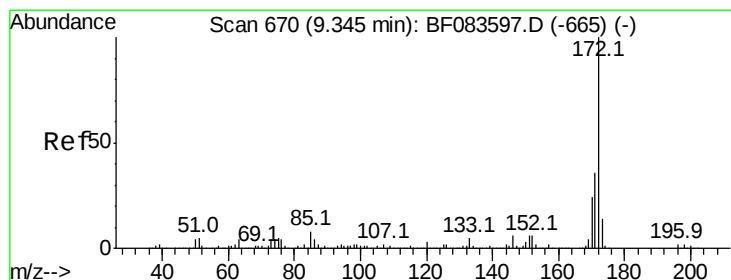
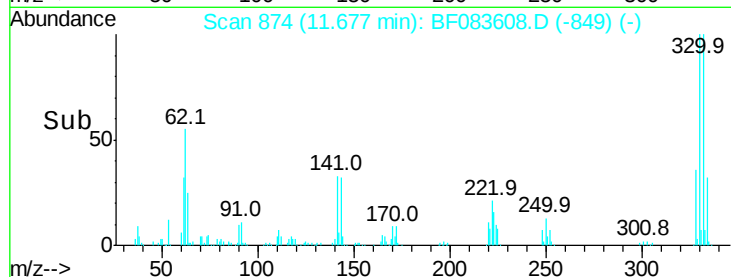
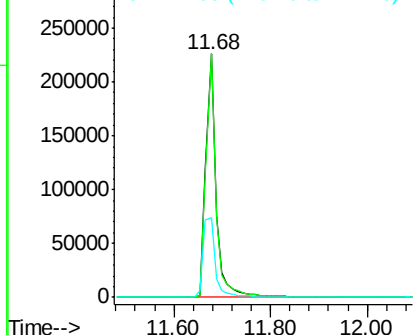
#41
 2,4,6-Tribromophenol
 Concen: 128.52 ng
 RT: 11.68 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF083608.D
 Acq: 8 Dec 2015 21:51

Instrument :
 BNA_F
 ClientSampled :
 PB87105BL

Tot Ion:330 Resp: 339158
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 38.7 0.0 0.0#

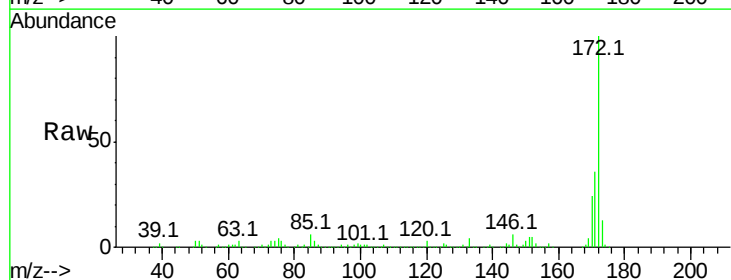


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

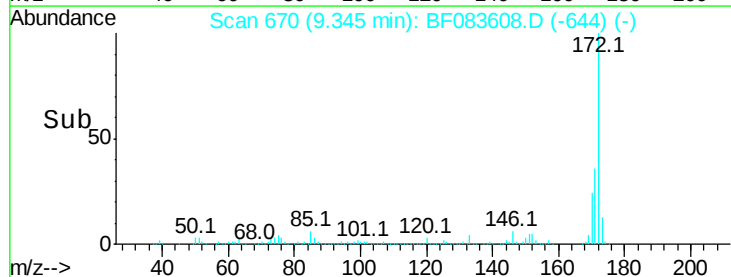
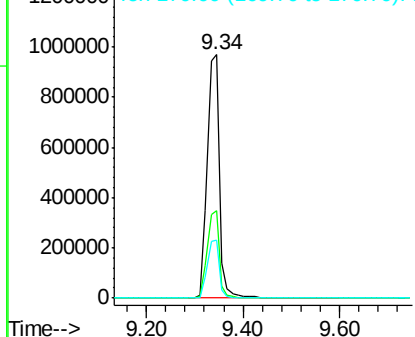


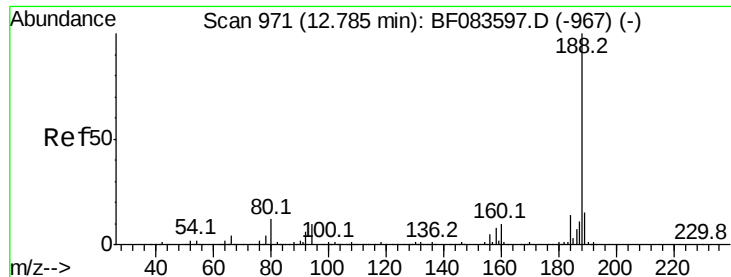
#44
 2-Fluorobiphenyl
 Concen: 82.26 ng
 RT: 9.34 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083608.D
 Acq: 8 Dec 2015 21:51

Tgt Ion:172 Resp: 1731255
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 23.8 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

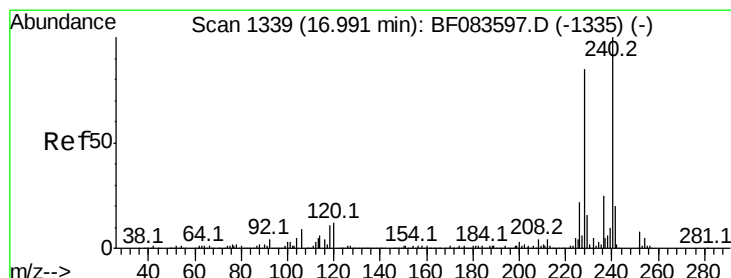
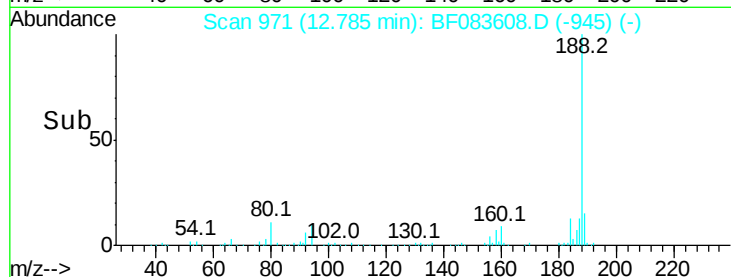
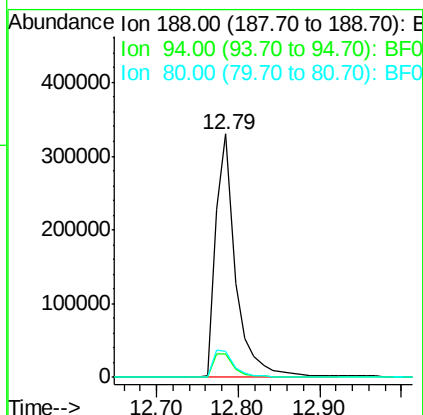
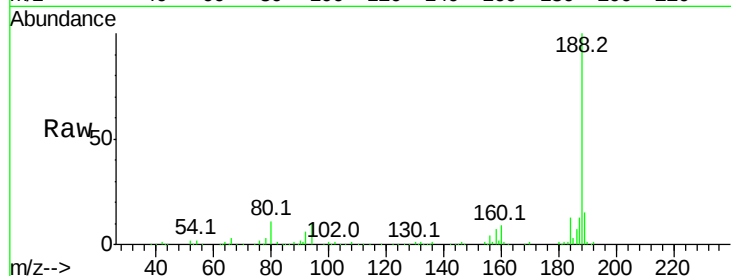




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF083608.D
Acq: 8 Dec 2015 21:51

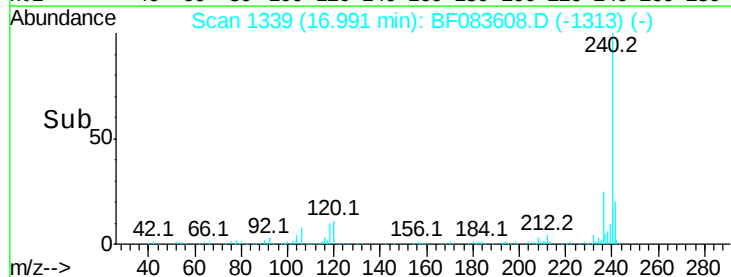
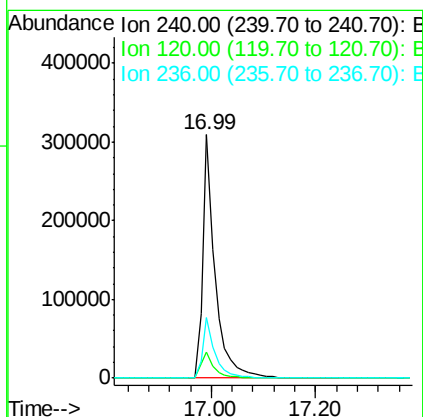
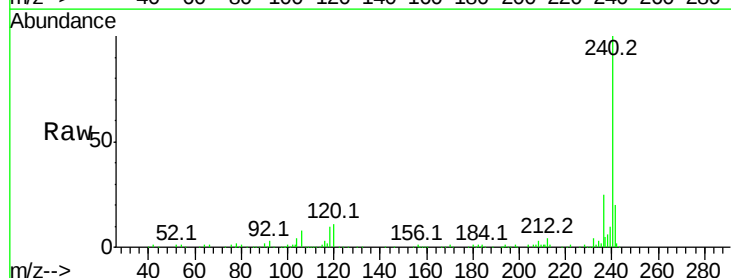
Instrument :
BNA_F
ClientSampleId :
PB87105BL

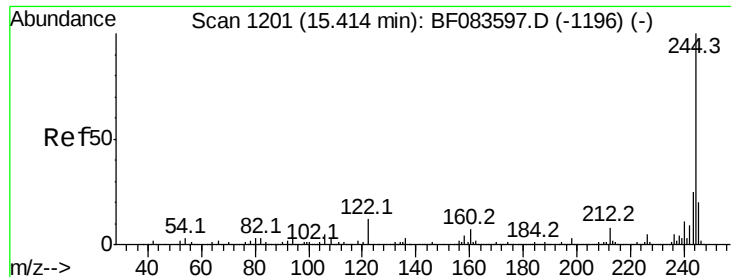
Tot Ion:188 Resp: 562834
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 10.5 10.6 16.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.99 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF083608.D
Acq: 8 Dec 2015 21:51

Tgt Ion:240 Resp: 509112
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 25.1 20.8 31.2

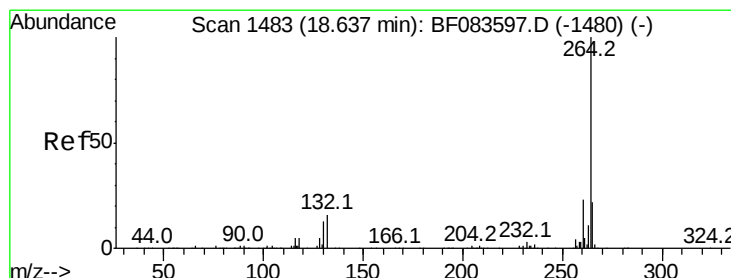
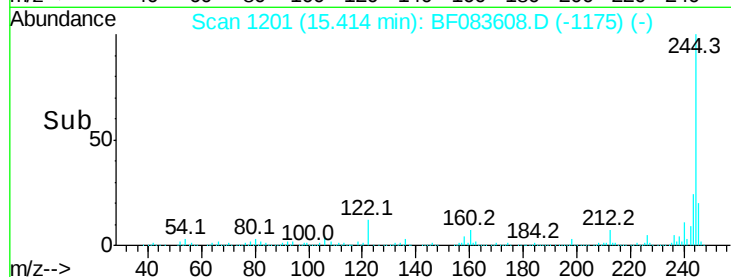
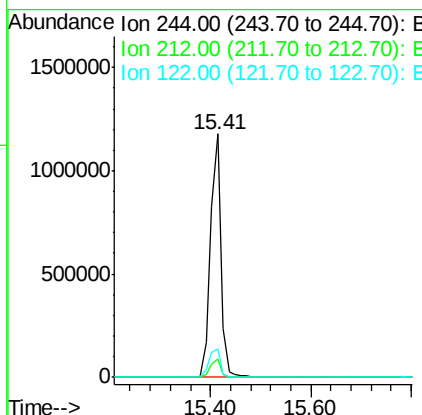
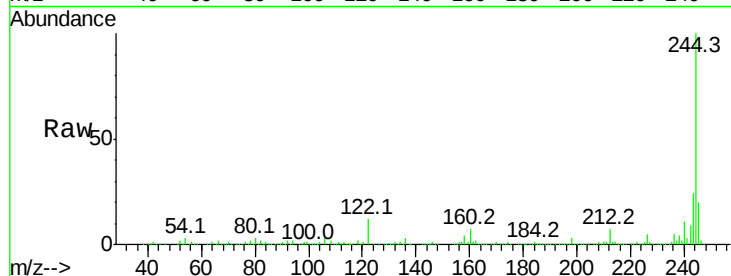




#78
 Terphenyl-d14
 Concen: 78.98 ng
 RT: 15.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF083608.D
 Acq: 8 Dec 2015 21:51

Instrument :
 BNA_F
 ClientSampleId :
 PB87105BL

Tot Ion:244 Resp: 1708948
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 11.7 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF083608.D
 Acq: 8 Dec 2015 21:51

Tgt Ion:264 Resp: 408047
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.0
 265 22.0 17.8 26.6

