

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087709.D
 Acq On : 5 Jun 2016 15:50
 Operator : UM/SJ
 Sample : H3379-05
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1

Quant Time: Jun 06 03:59:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

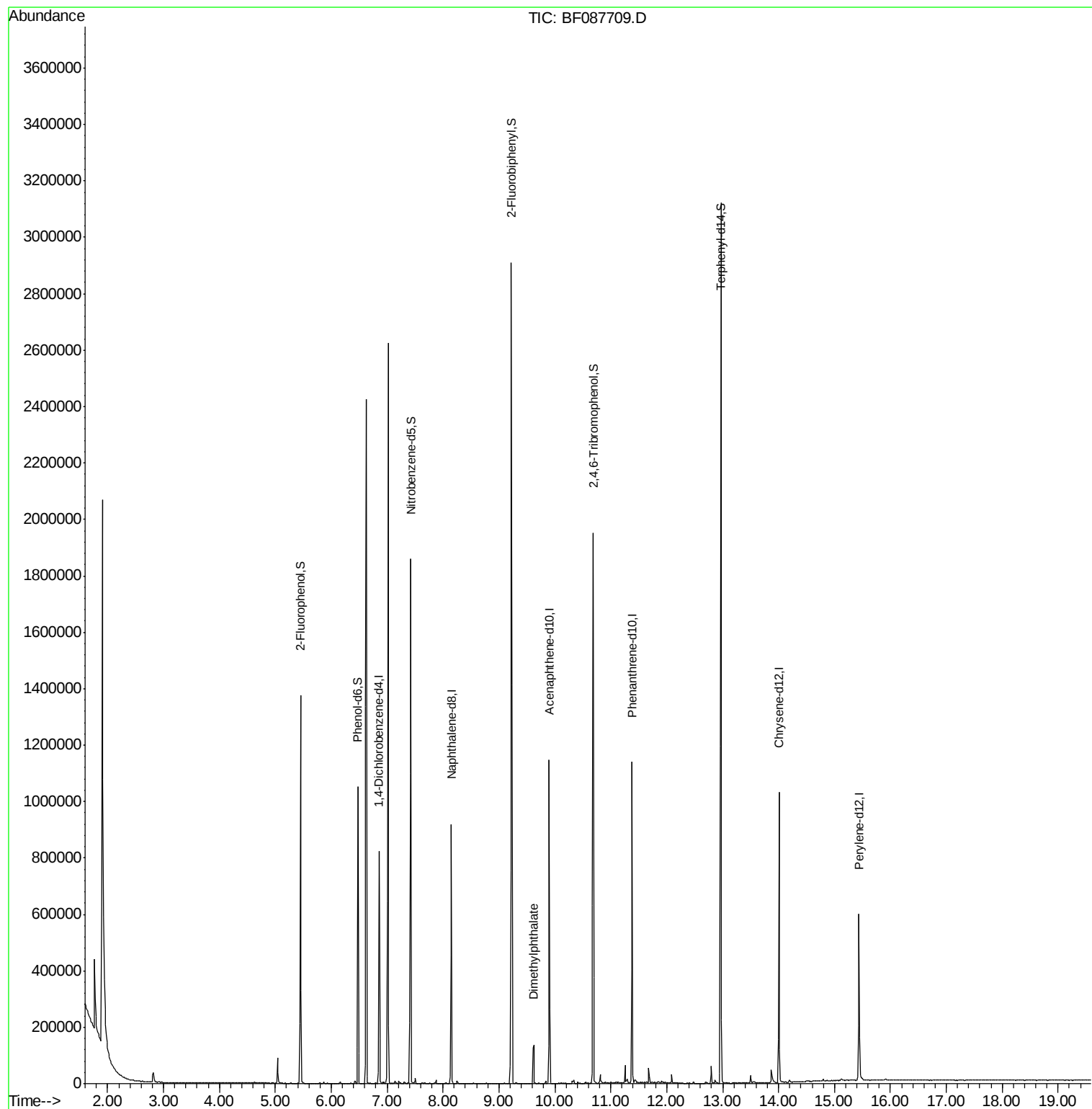
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117841	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	493620	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	226894	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	433445	20.00	ng	0.00
75) Chrysene-d12	14.01	240	324189	20.00	ng	-0.01
86) Perylene-d12	15.44	264	247814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	393704	54.00	ng	0.00
7) Phenol-d6	6.48	99	323022	35.33	ng	-0.01
23) Nitrobenzene-d5	7.43	82	753314	88.30	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	259446	113.91	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1239843	83.35	ng	-0.01
78) Terphenyl-d14	12.97	244	1000561	75.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	90381	5.48	ng	Qvalue 97

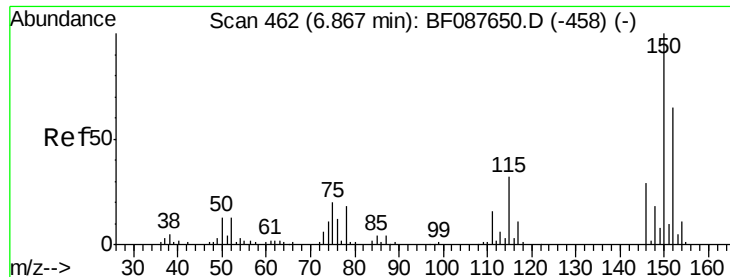
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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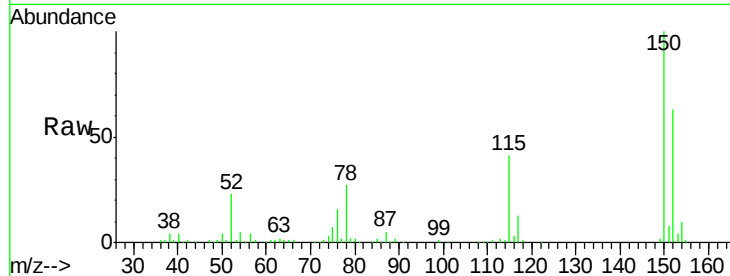


#1

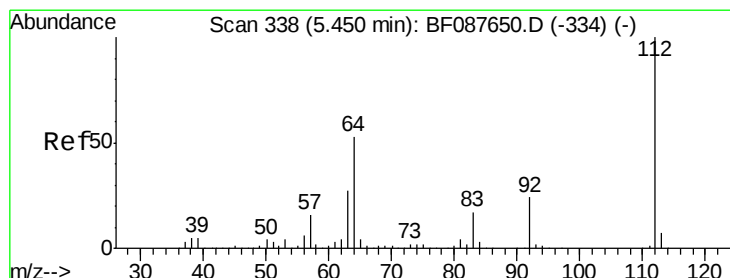
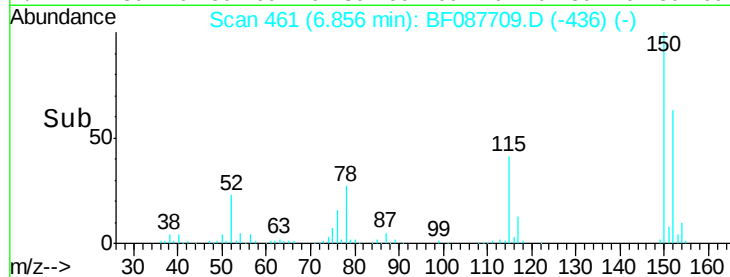
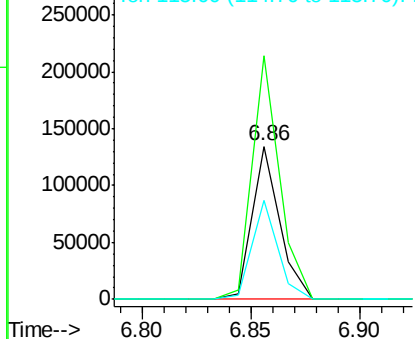
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087709.D
Acq: 5 Jun 2016 15:50

Instrument :
BNA_F
ClientSampleId :
GW-1

Tot Ion:152 Resp: 117841
Ion Ratio Lower Upper
152 100
150 159.0 123.8 185.6
115 64.6 39.6 59.4#



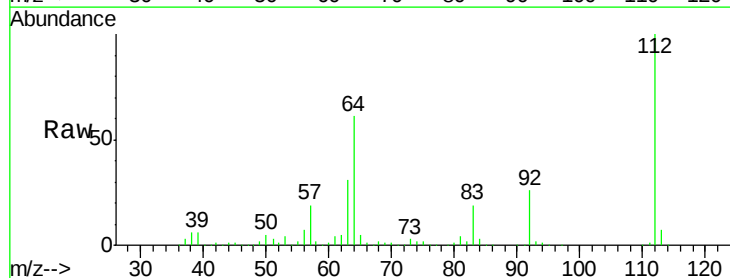
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



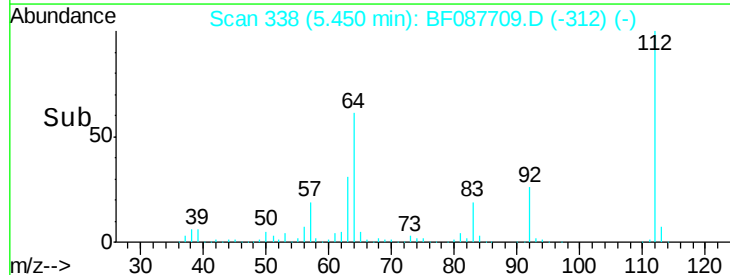
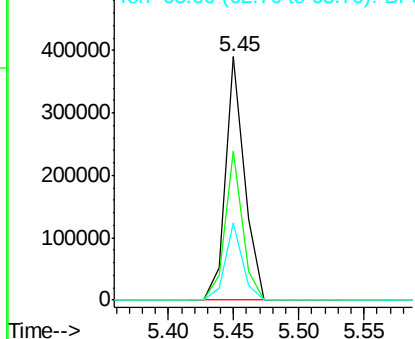
#5

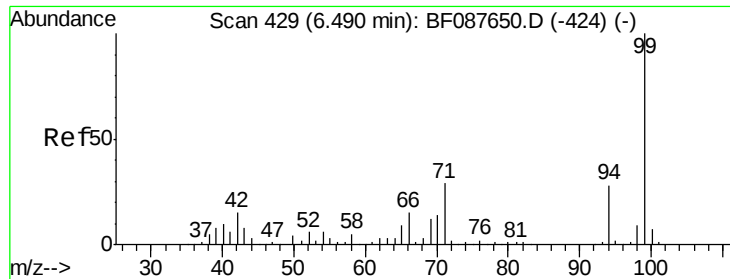
2-Fluorophenol
Concen: 54.00 ng
RT: 5.45 min Scan# 338
Delta R.T. -0.00 min
Lab File: BF087709.D
Acq: 5 Jun 2016 15:50

Tgt Ion:112 Resp: 393704
Ion Ratio Lower Upper
112 100
64 61.3 42.2 63.2
63 31.5 21.8 32.8



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: 35.33 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

Instrument :

BNA_F

ClientSampled :

GW-1

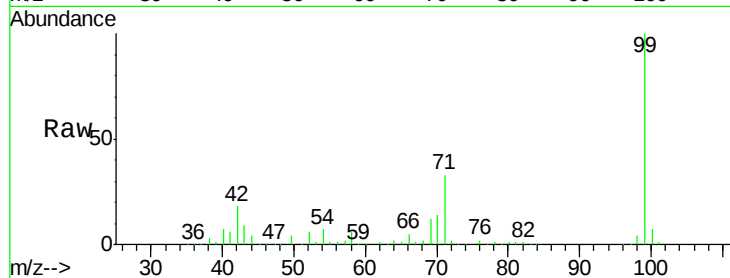
Tot Ion: 99 Resp: 323022

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

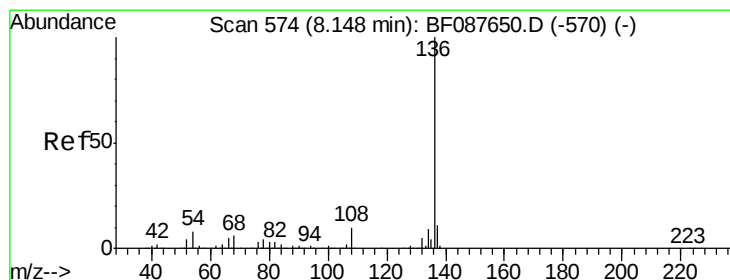
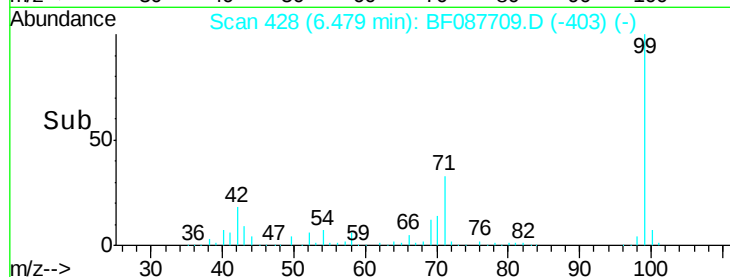
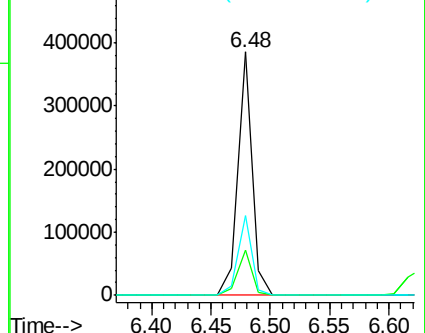
71 33.0 23.4 35.0



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: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

Tgt Ion: 136 Resp: 493620

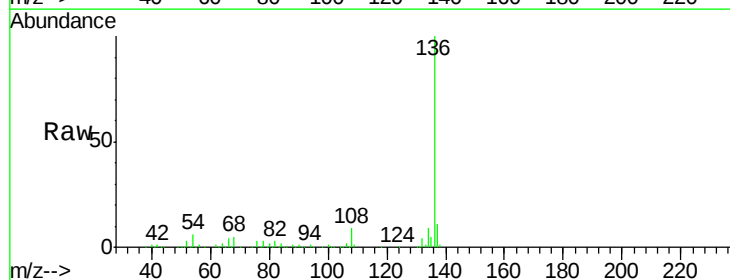
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.7 6.6 10.0#

68 5.0 5.1 7.7#

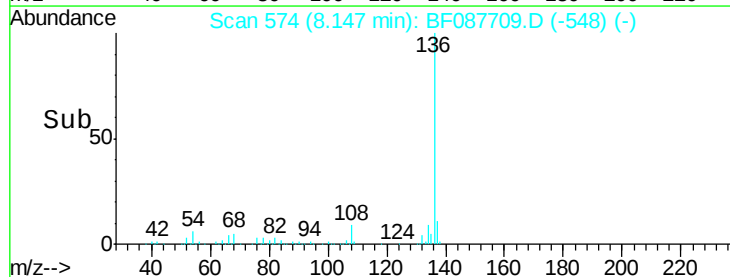
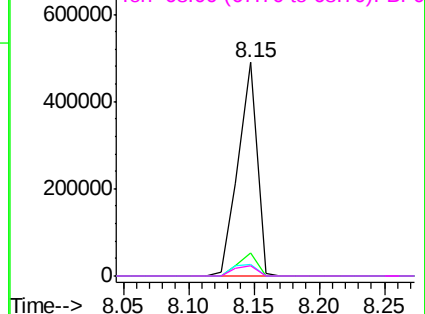


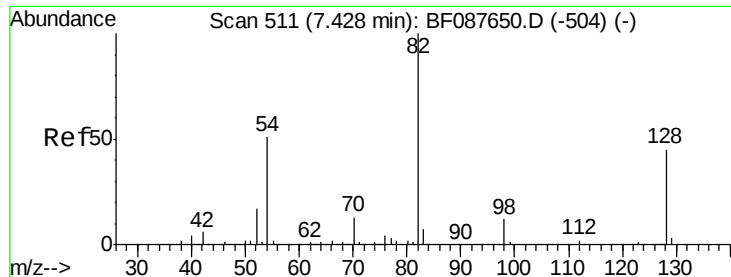
Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.30 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

Instrument :

BNA_F

ClientSampled :

GW-1

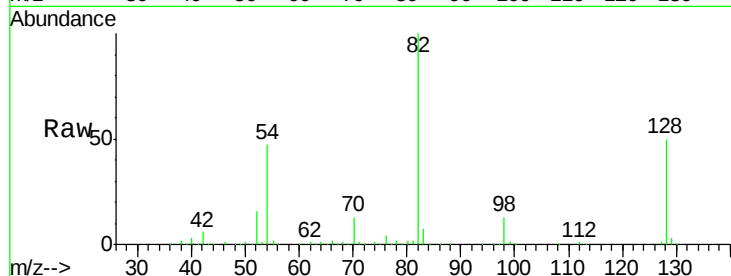
Tot Ion: 82 Resp: 753314

Ion Ratio Lower Upper

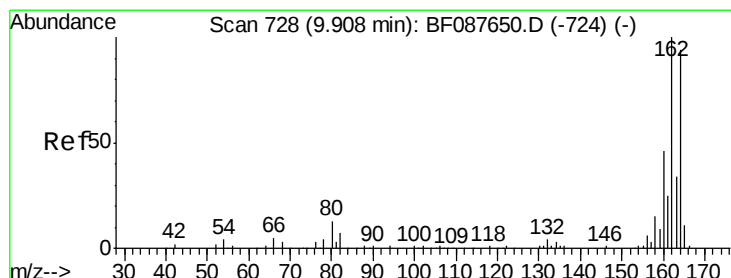
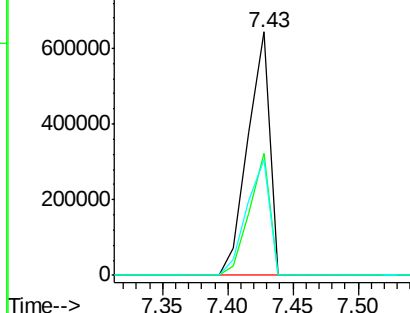
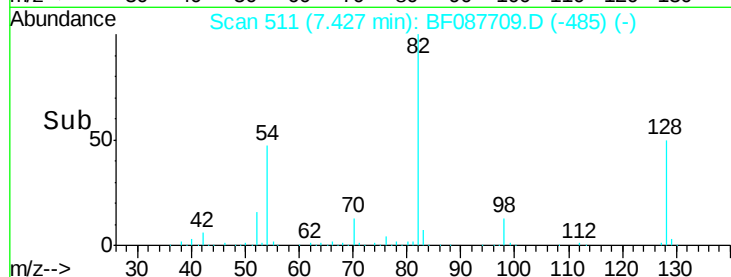
82 100

128 50.2 35.9 53.9

54 47.4 40.9 61.3



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: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

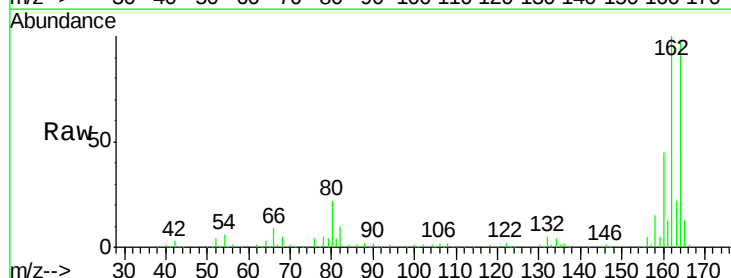
Tgt Ion:164 Resp: 226894

Ion Ratio Lower Upper

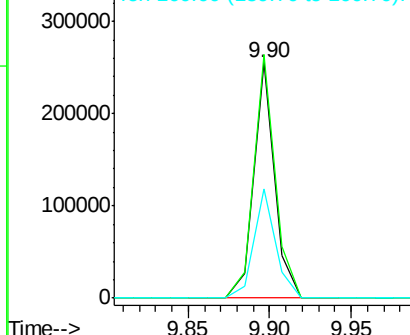
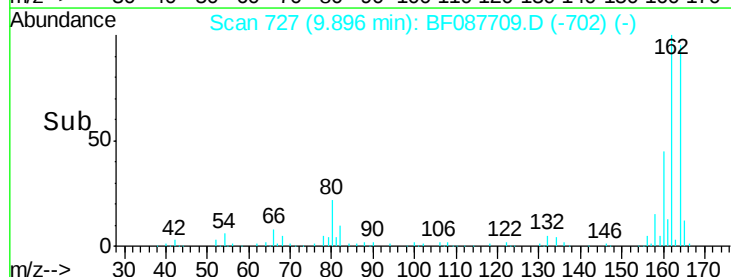
164 100

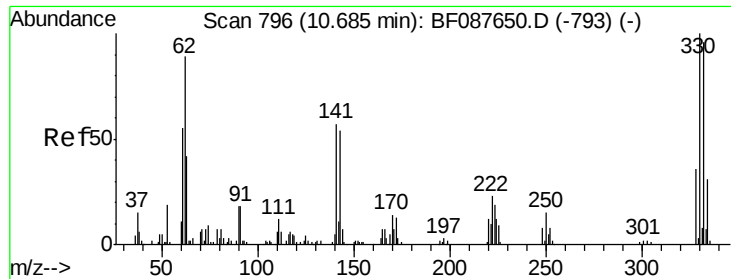
162 103.4 85.4 128.2

160 46.5 39.5 59.3



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

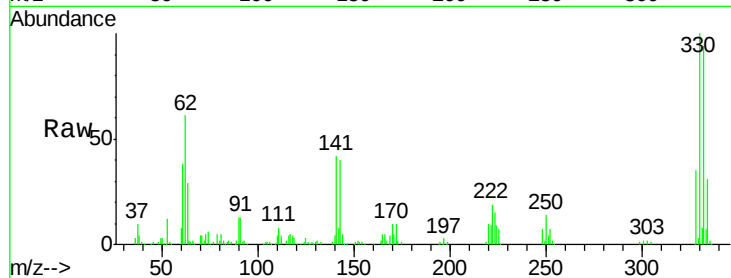




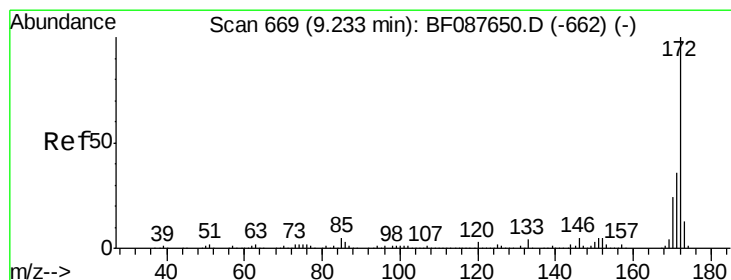
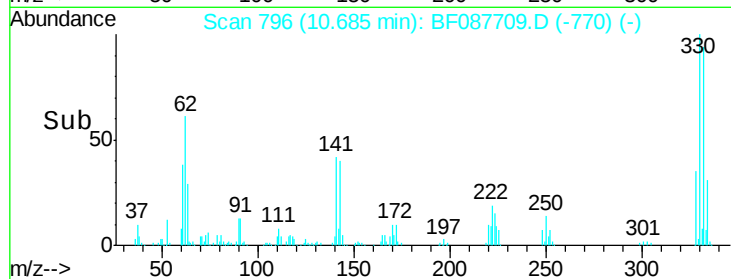
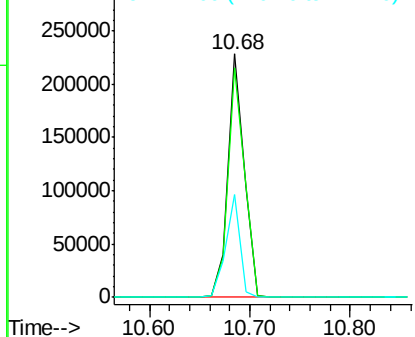
#41
 2,4,6-Tribromophenol
 Concen: 113.91 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087709.D
 Acq: 5 Jun 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 GW-1

Tot Ion:330 Resp: 259446
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 36.8 0.0 0.0#

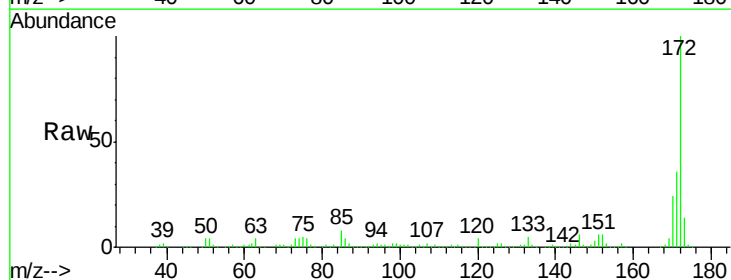


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

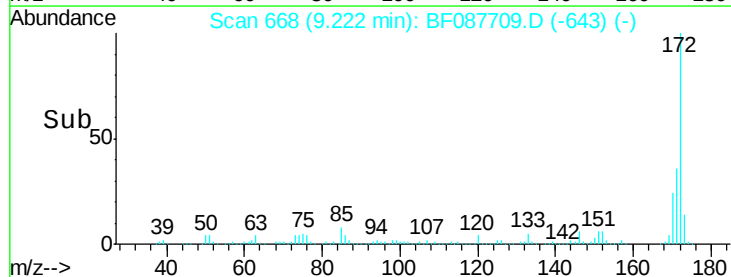
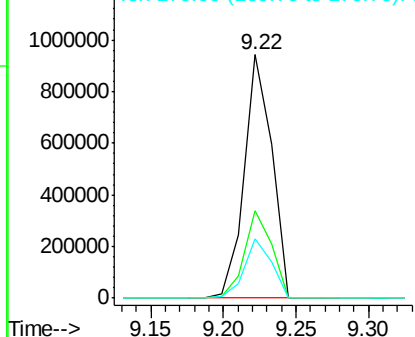


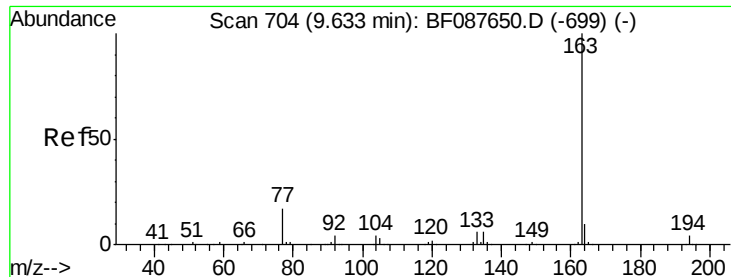
#44
 2-Fluorobiphenyl
 Concen: 83.35 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087709.D
 Acq: 5 Jun 2016 15:50

Tgt Ion:172 Resp: 1239843
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 24.4 19.2 28.8



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: 5.48 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

Instrument :

BNA_F

ClientSampleId :

GW-1

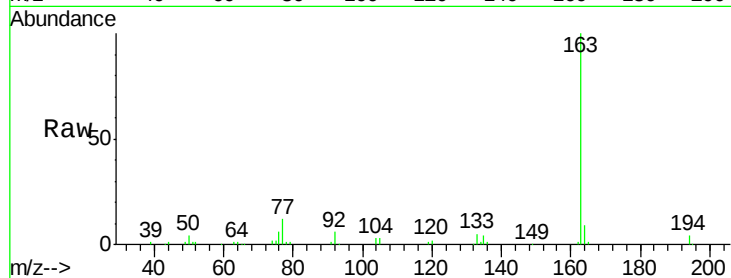
Tot Ion:163 Resp: 90381

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

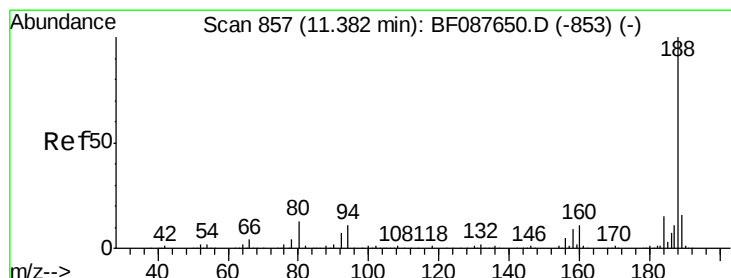
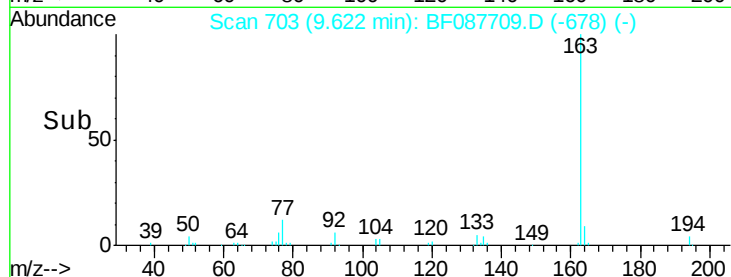
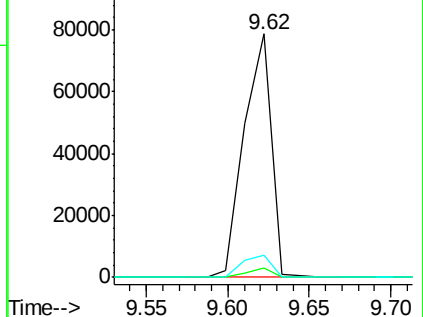
164 9.1 8.3 12.5



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: 11.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

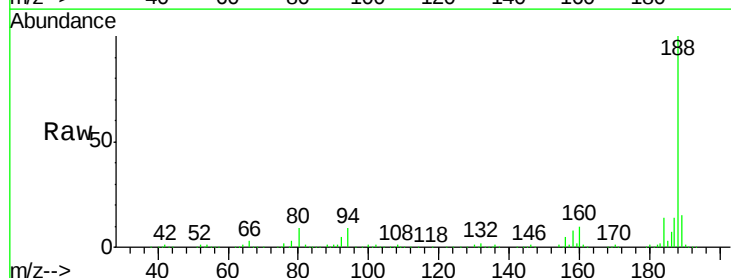
Tgt Ion:188 Resp: 433445

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.6#

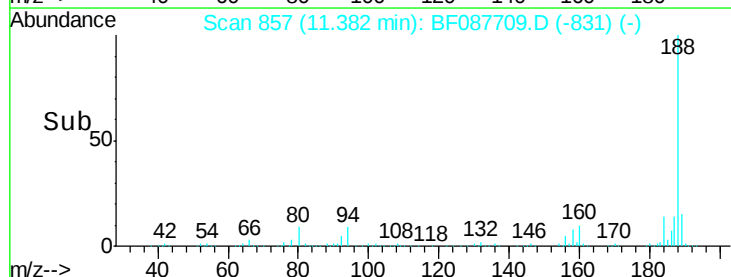
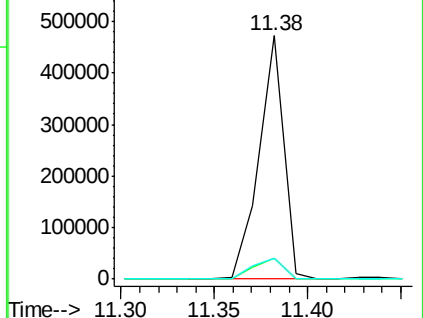
80 8.7 10.0 15.0#

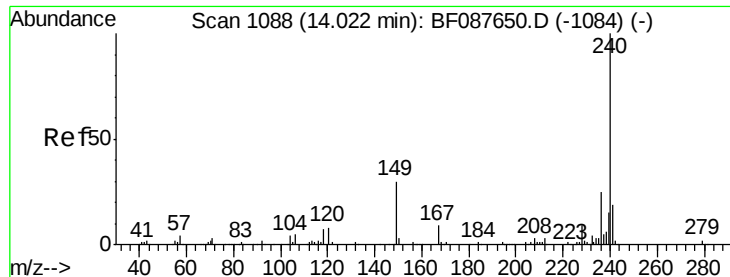


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

Instrument :

BNA_F

ClientSampleId :

GW-1

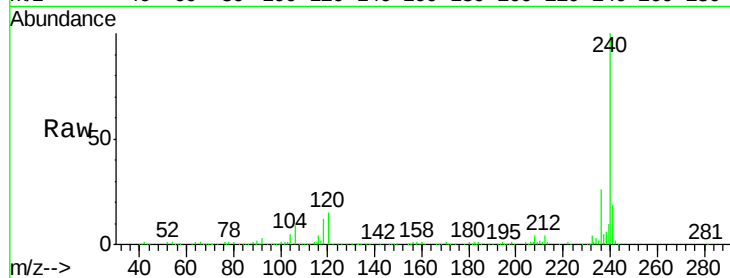
Tot Ion:240 Resp: 324189

Ion Ratio Lower Upper

240 100

120 14.6 6.8 10.2#

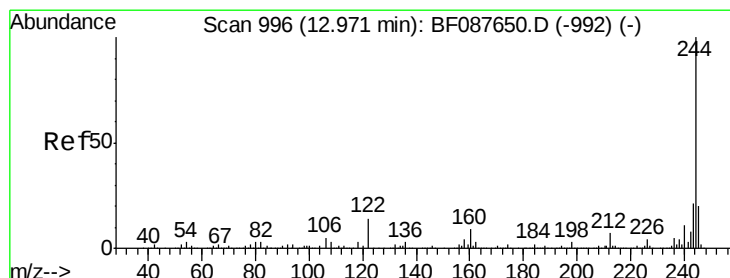
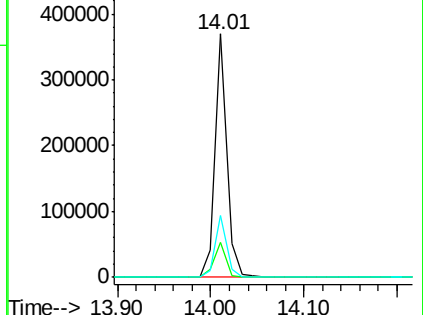
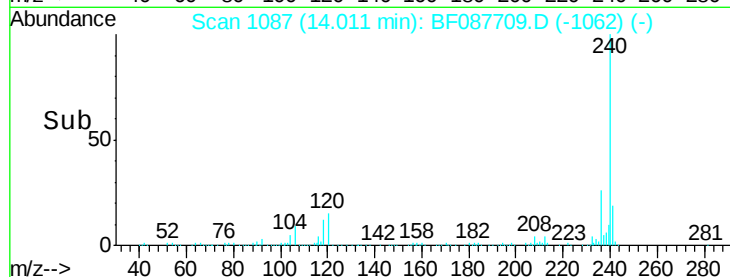
236 25.6 20.2 30.2



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: 75.31 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087709.D

Acq: 5 Jun 2016 15:50

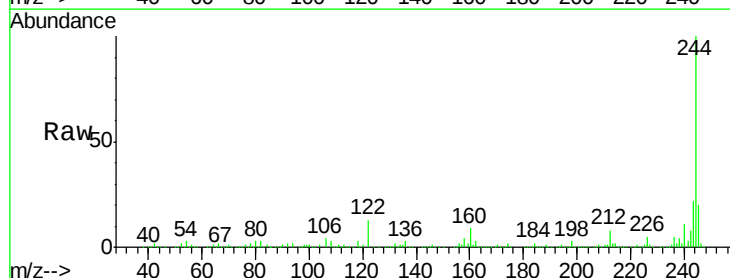
Tgt Ion:244 Resp: 1000561

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

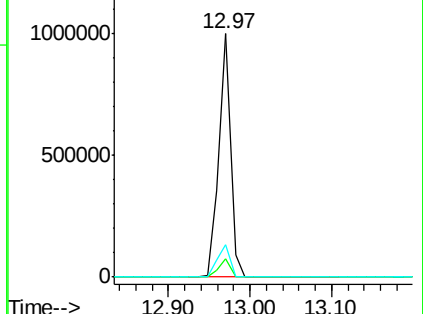
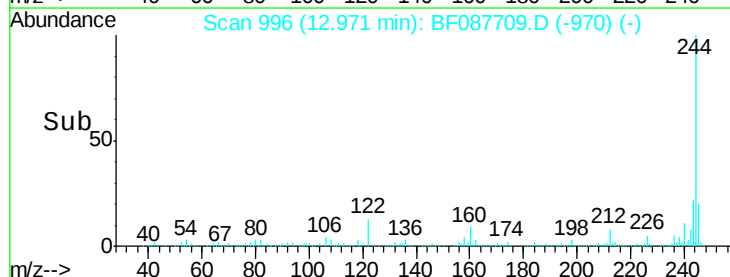
122 13.5 11.2 16.8

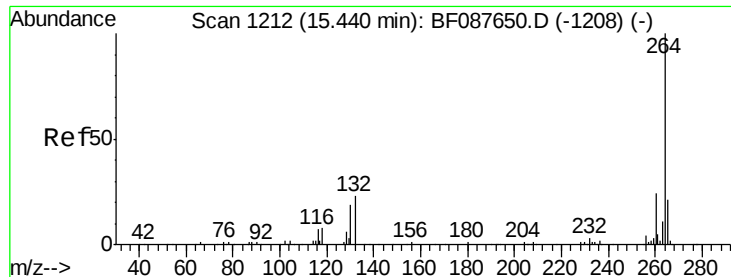


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

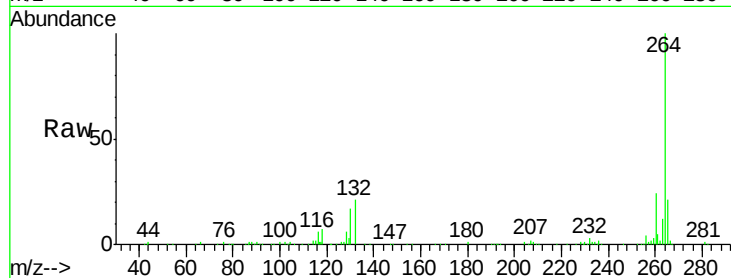




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087709.D
 Acq: 5 Jun 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 GW-1

Tot Ion: 264 Resp: 247814
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.1 16.9 25.3



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

