

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087718.D
 Acq On : 5 Jun 2016 20:21
 Operator : UM/SJ
 Sample : H3379-04
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Jun 06 04:18:51 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

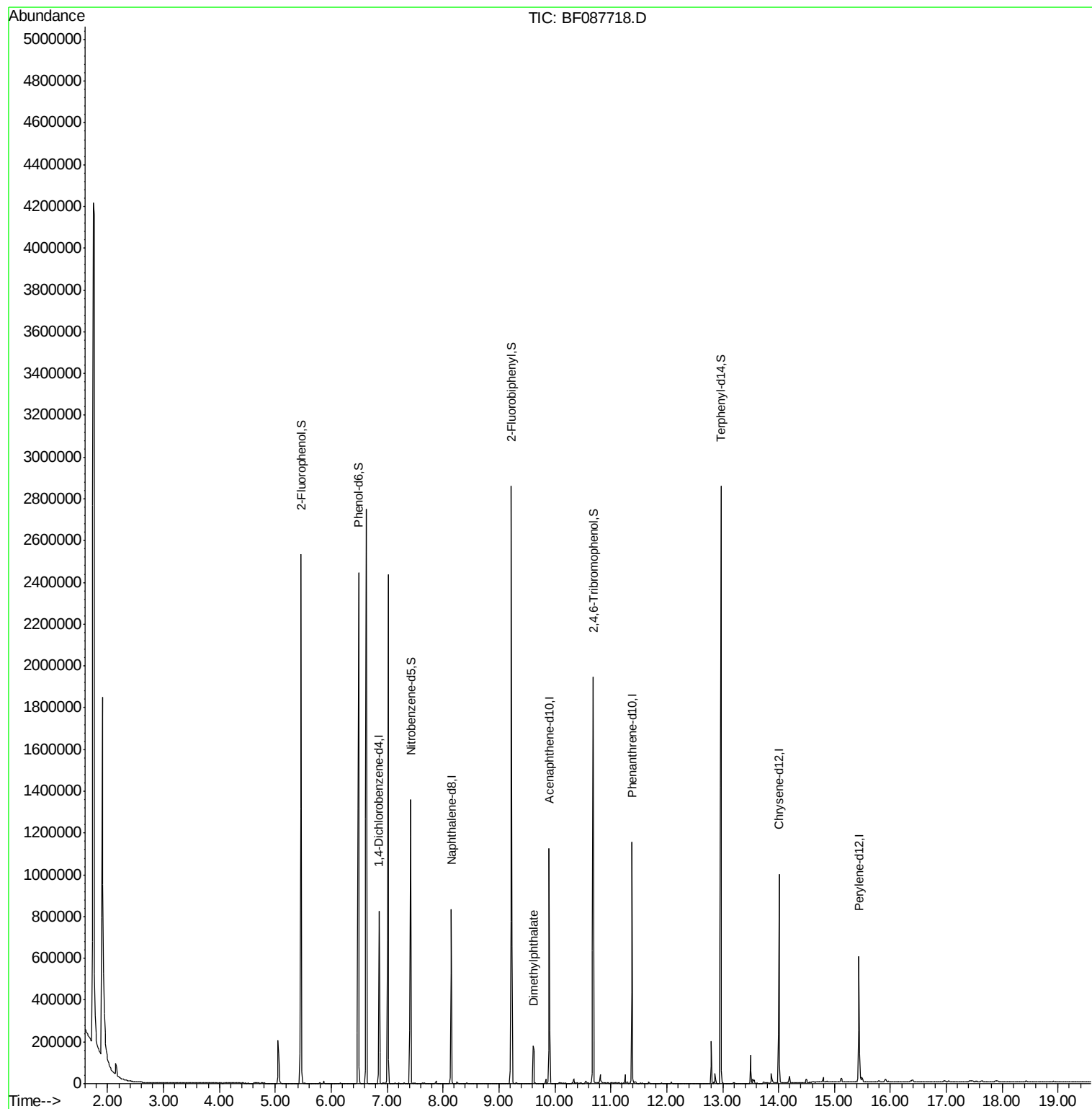
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119111	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	492640	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	224090	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	447802	20.00	ng	0.00
75) Chrysene-d12	14.01	240	335072	20.00	ng	-0.01
86) Perylene-d12	15.44	264	263184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	807194	109.53	ng	0.01
7) Phenol-d6	6.49	99	1017469	110.09	ng	0.00
23) Nitrobenzene-d5	7.43	82	667045	78.34	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	235755	104.81	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1026734	65.45	ng	-0.01
78) Terphenyl-d14	12.97	244	974509	70.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	114878	7.05	ng	Qvalue 98

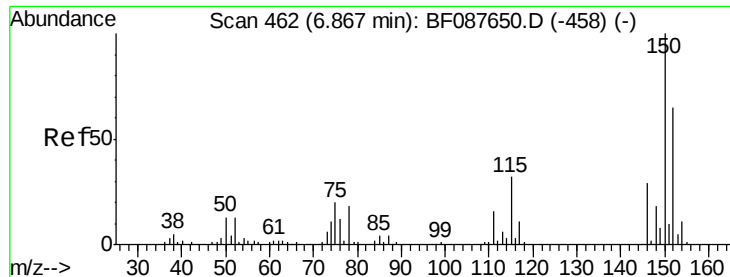
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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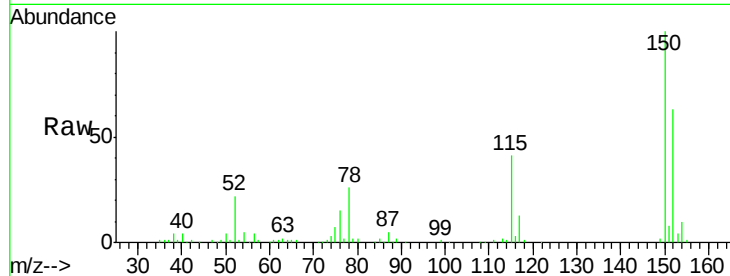


#1

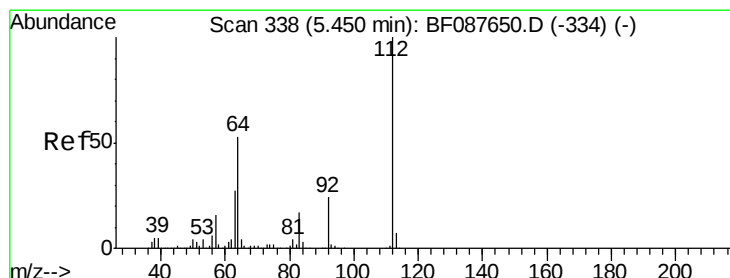
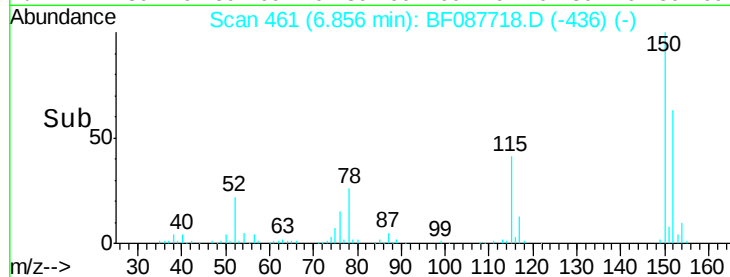
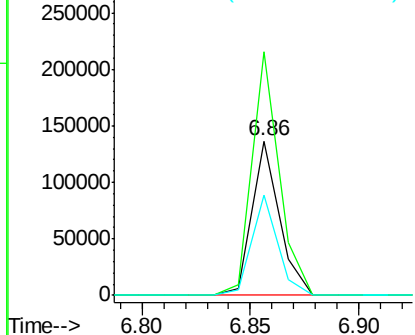
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087718.D
Acq: 5 Jun 2016 20:21

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion:152 Resp: 119111
Ion Ratio Lower Upper
152 100
150 158.1 123.8 185.6
115 65.2 39.6 59.4#



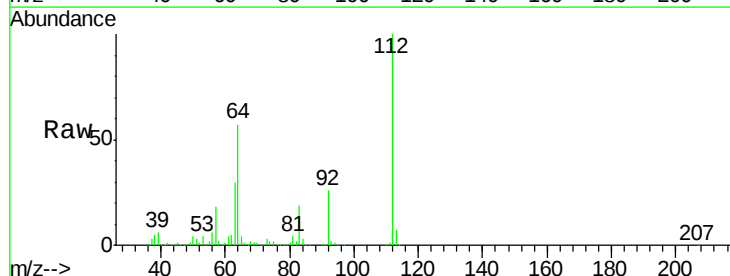
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



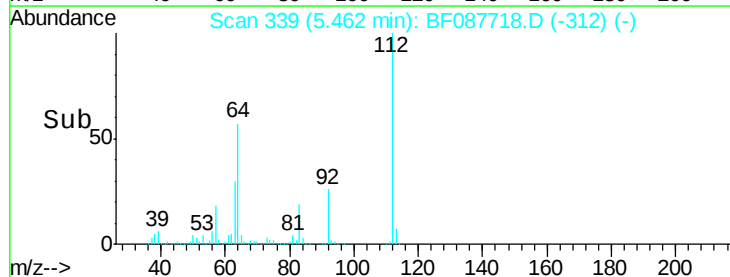
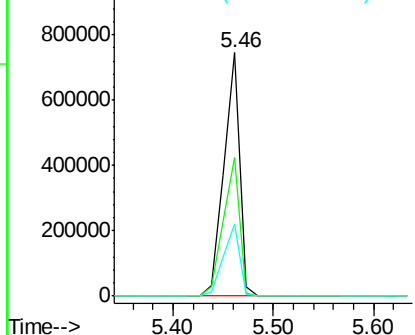
#5

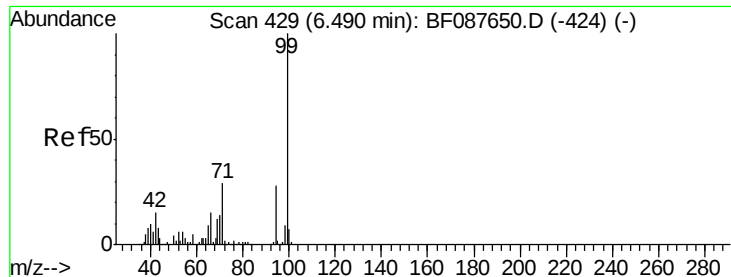
2-Fluorophenol
Concen: 109.53 ng
RT: 5.46 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF087718.D
Acq: 5 Jun 2016 20:21

Tgt Ion:112 Resp: 807194
Ion Ratio Lower Upper
112 100
64 57.2 42.2 63.2
63 29.8 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: 110.09 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087718.D

Acq: 5 Jun 2016 20:21

Instrument :

BNA_F

ClientSampleId :

SB-2

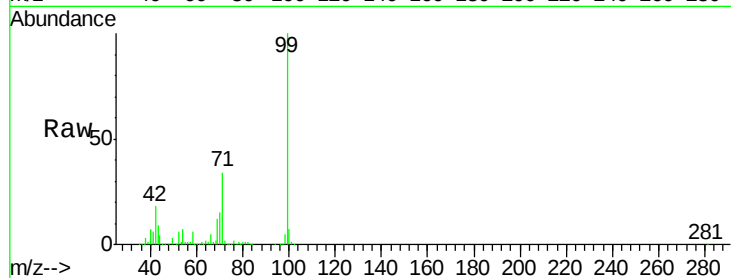
Tot Ion: 99 Resp: 1017469

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

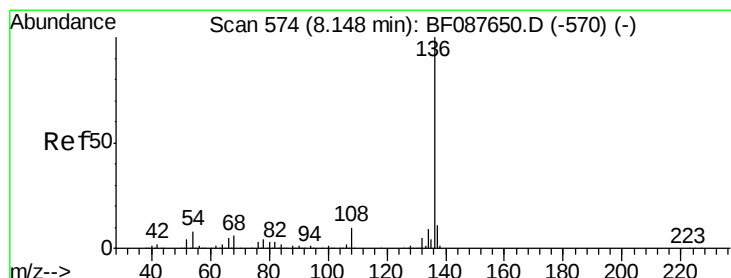
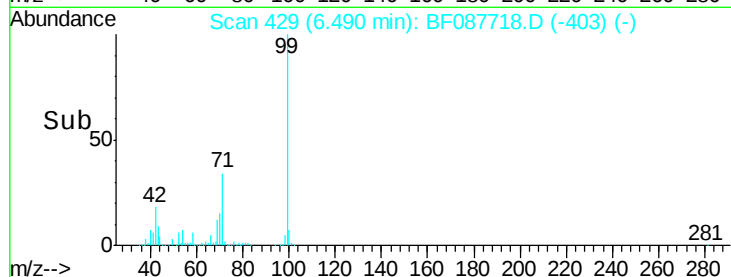
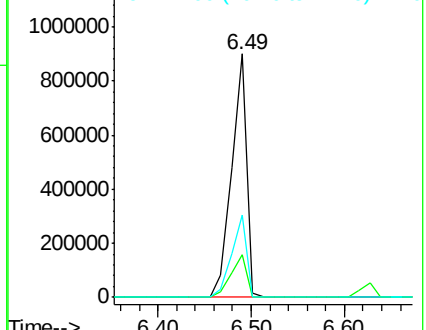
71 33.8 23.4 35.0



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: BF087718.D

Acq: 5 Jun 2016 20:21

Tgt Ion: 136 Resp: 492640

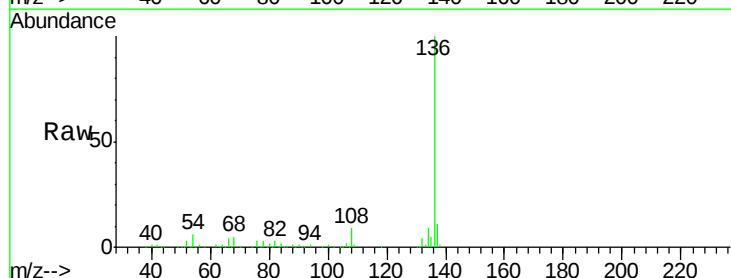
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.7 6.6 10.0#

68 4.7 5.1 7.7#

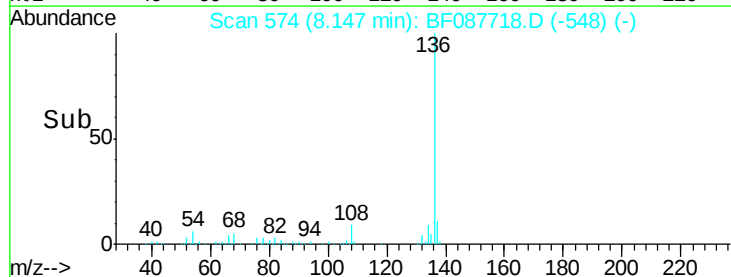
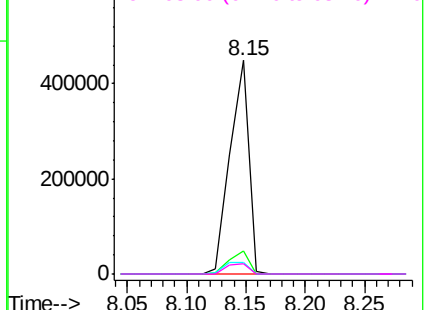


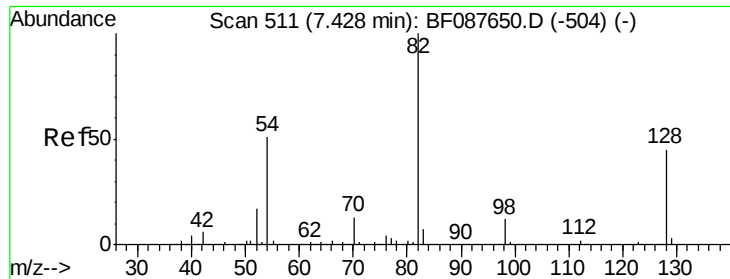
Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.34 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087718.D

Acq: 5 Jun 2016 20:21

Instrument :

BNA_F

ClientSampleId :

SB-2

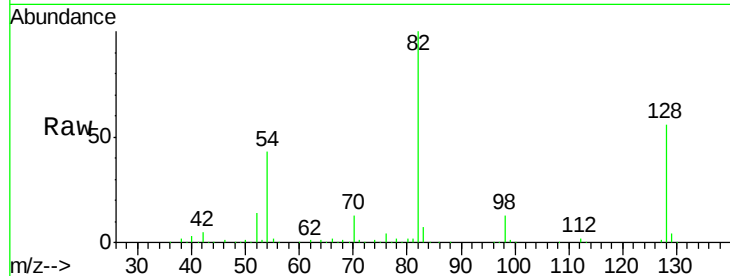
Tot Ion: 82 Resp: 667045

Ion Ratio Lower Upper

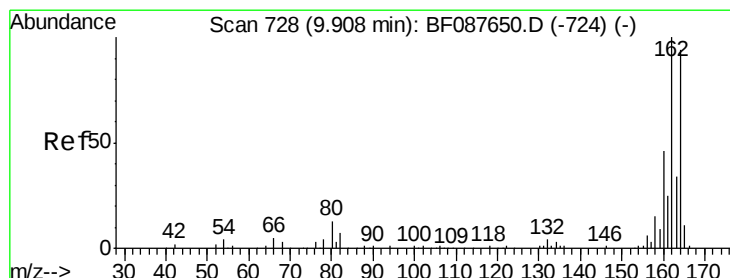
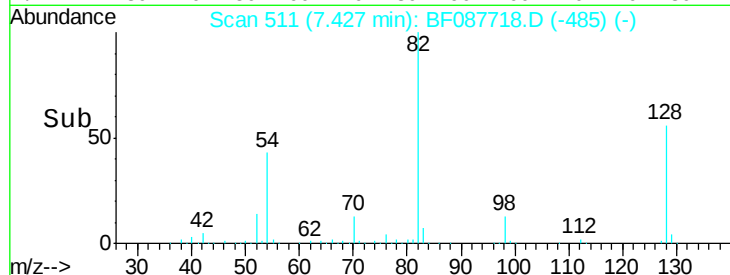
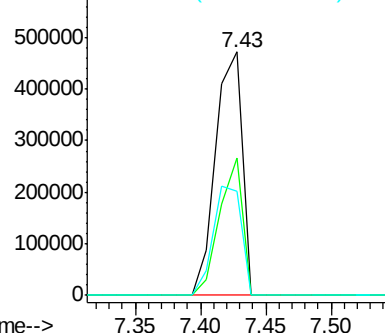
82 100

128 56.4 35.9 53.9#

54 43.0 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: BF087718.D

Acq: 5 Jun 2016 20:21

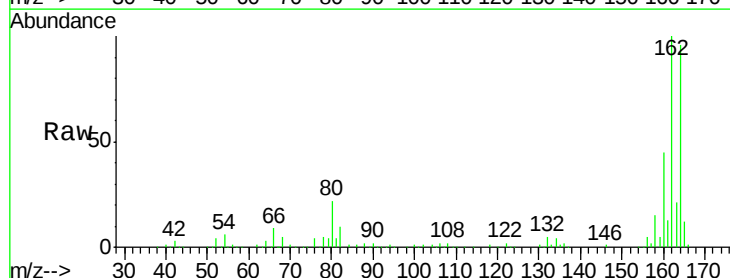
Tgt Ion:164 Resp: 224090

Ion Ratio Lower Upper

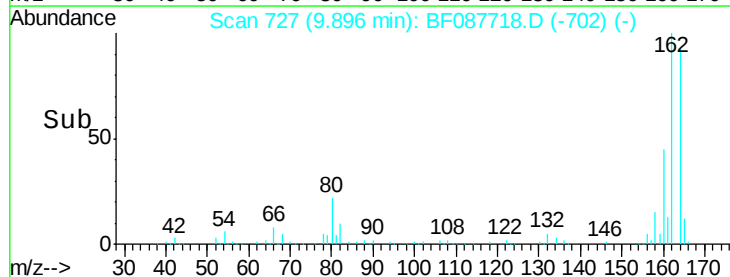
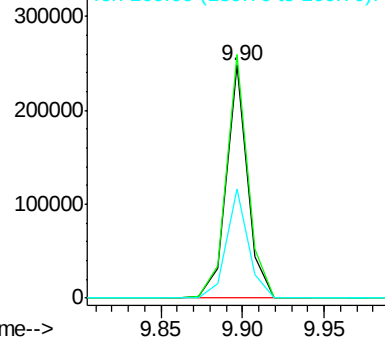
164 100

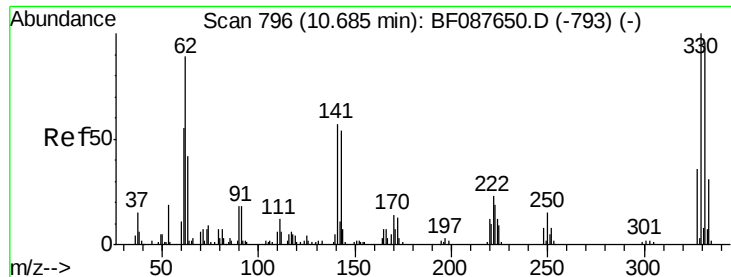
162 104.5 85.4 128.2

160 47.0 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

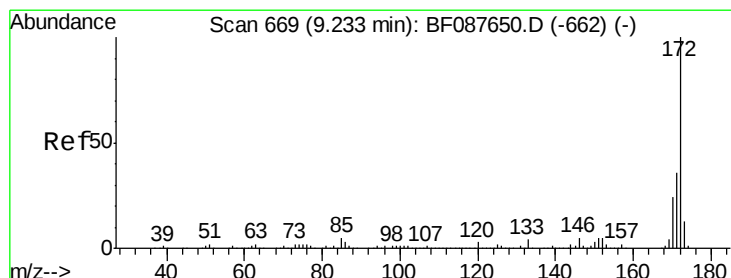
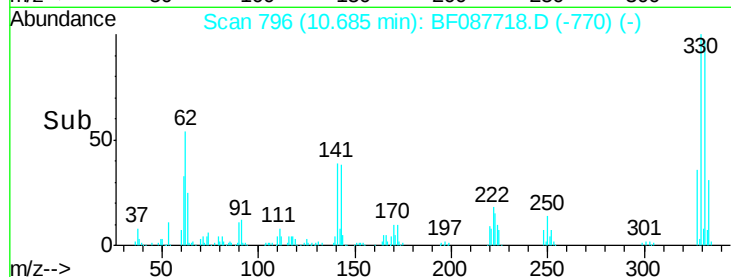
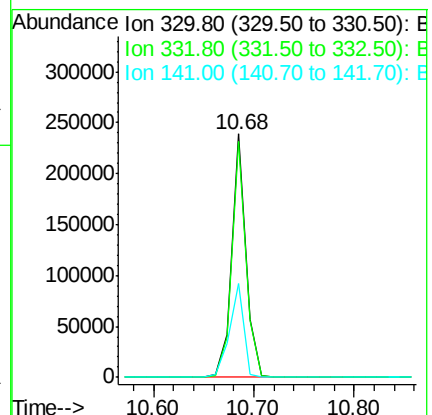
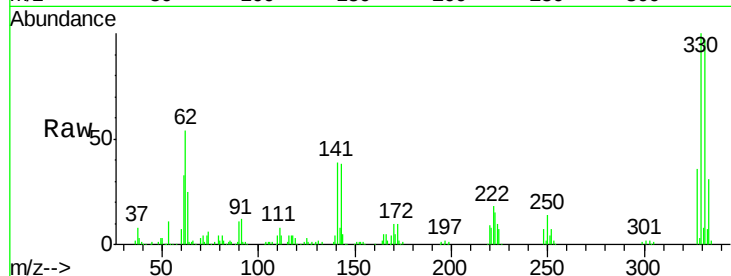




#41
 2,4,6-Tribromophenol
 Concen: 104.81 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087718.D
 Acq: 5 Jun 2016 20:21

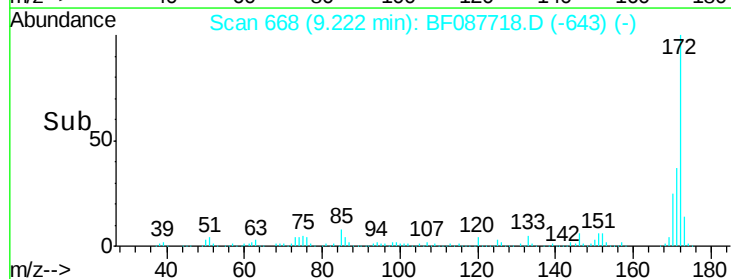
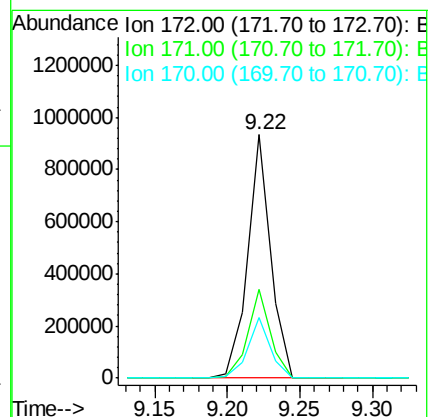
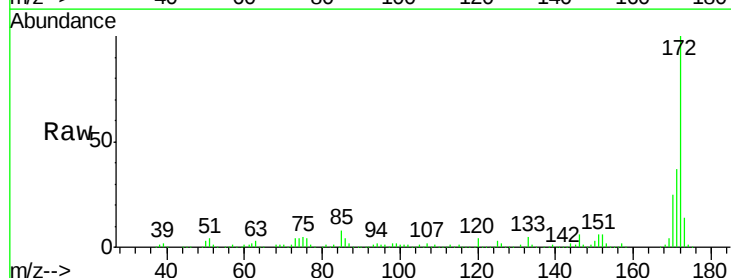
Instrument :
 BNA_F
 ClientSampleId :
 SB-2

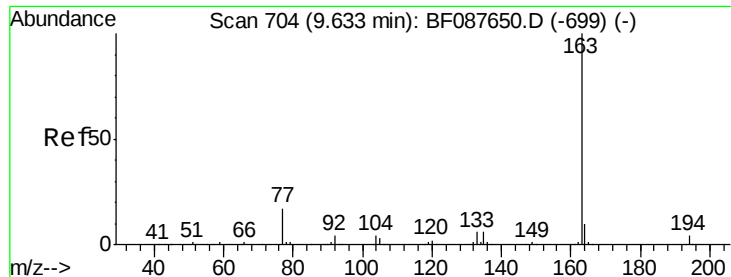
Tot Ion:330 Resp: 235755
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 38.4 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 65.45 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087718.D
 Acq: 5 Jun 2016 20:21

Tgt Ion:172 Resp: 1026734
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.7 19.2 28.8





#49

Dimethylphthalate

Concen: 7.05 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087718.D

Acq: 5 Jun 2016 20:21

Instrument :

BNA_F

ClientSampleId :

SB-2

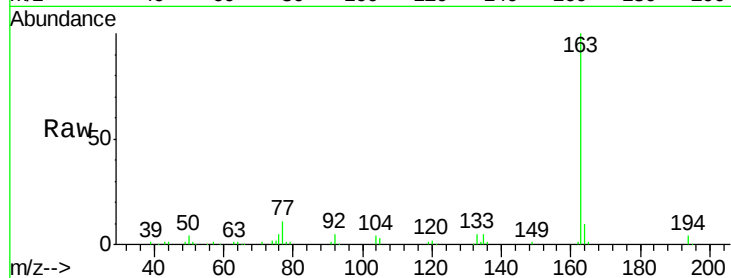
Tot Ion:163 Resp: 114878

Ion Ratio Lower Upper

163 100

194 4.1 2.8 4.2

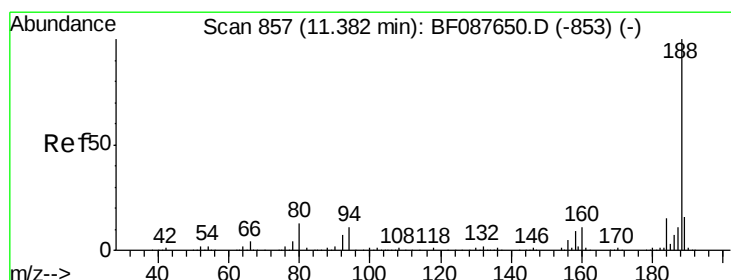
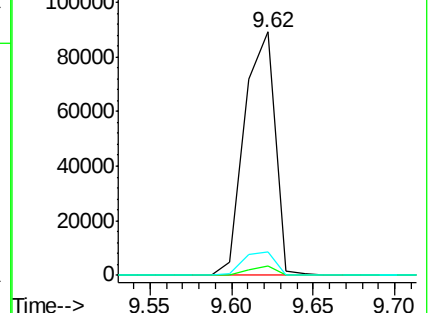
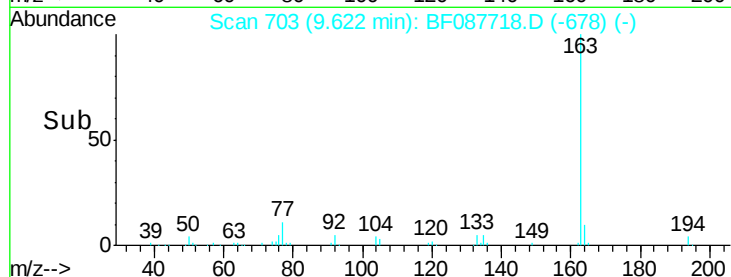
164 9.6 8.3 12.5



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: BF087718.D

Acq: 5 Jun 2016 20:21

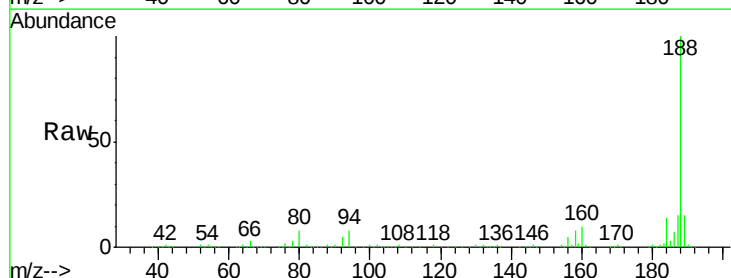
Tgt Ion:188 Resp: 447802

Ion Ratio Lower Upper

188 100

94 8.3 9.0 13.6#

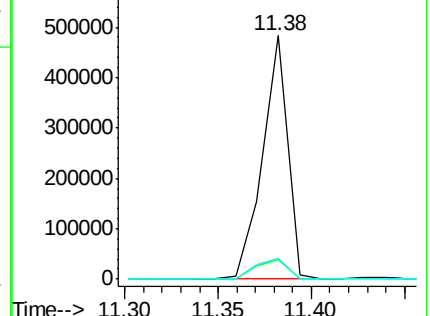
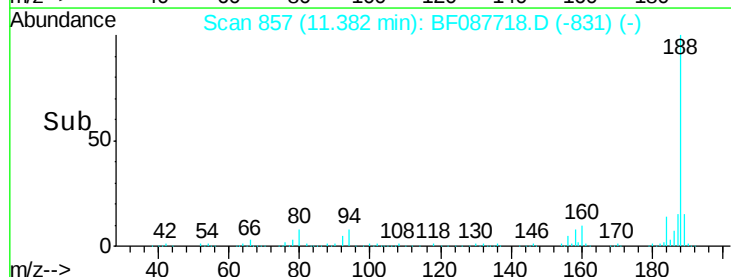
80 8.4 10.0 15.0#

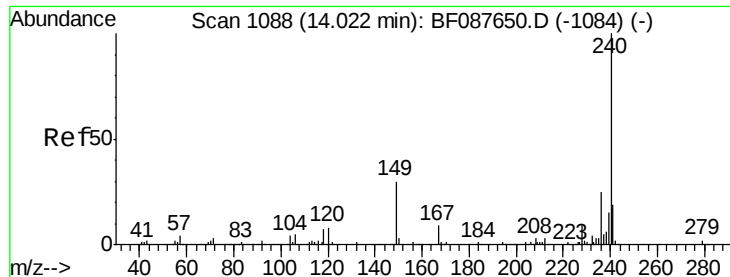


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF087718.D

Acq: 5 Jun 2016 20:21

Instrument :

BNA_F

ClientSampleId :

SB-2

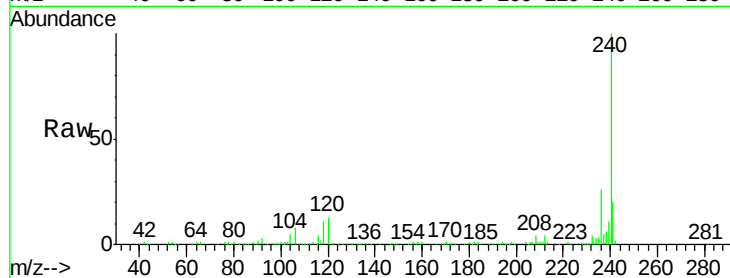
Tot Ion:240 Resp: 335072

Ion Ratio Lower Upper

240 100

120 12.8 6.8 10.2#

236 25.7 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

500000

400000

300000

200000

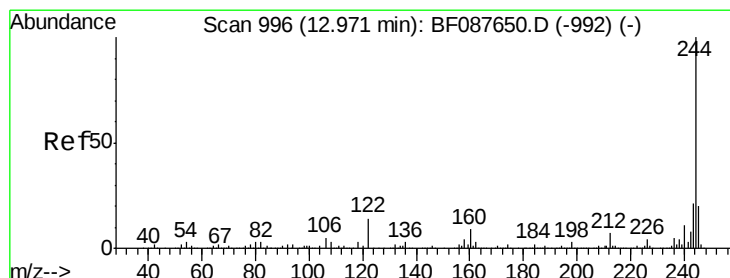
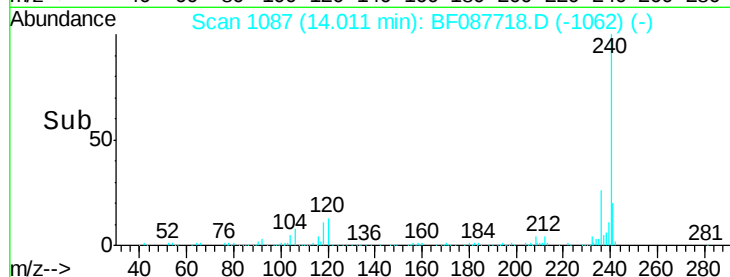
100000

0

14.01

13.90 14.00 14.10 14.20

Time-->



#78

Terphenyl-d14

Concen: 70.97 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087718.D

Acq: 5 Jun 2016 20:21

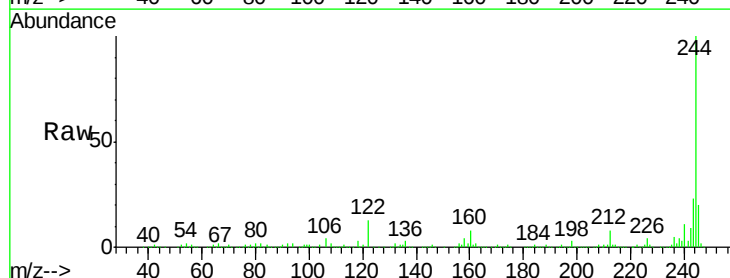
Tgt Ion:244 Resp: 974509

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 12.5 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

1200000

1000000

800000

600000

400000

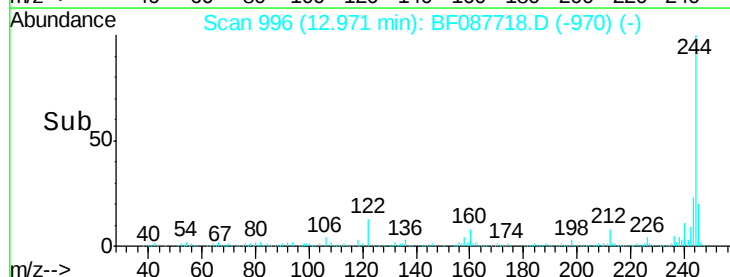
200000

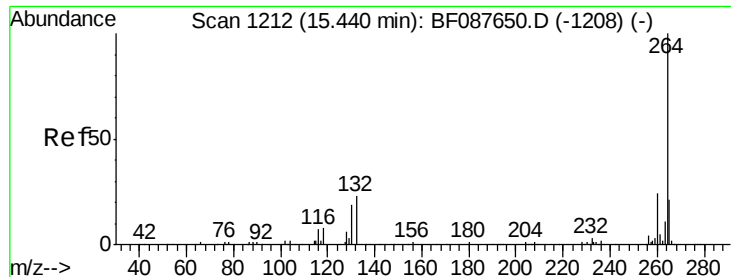
0

12.97

12.90 13.00 13.10

Time-->

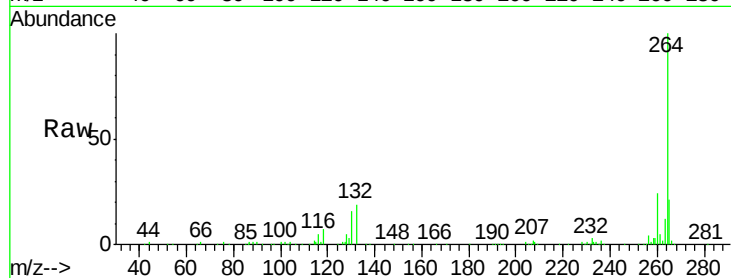




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087718.D
 Acq: 5 Jun 2016 20:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tot Ion:264 Resp: 263184
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.2 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

