

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088600.D
 Acq On : 2 Jul 2016 4:02
 Operator : UM/SJ
 Sample : H3816-16
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Jul 02 05:37:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 02:24:16 2016
 Response via : Initial Calibration

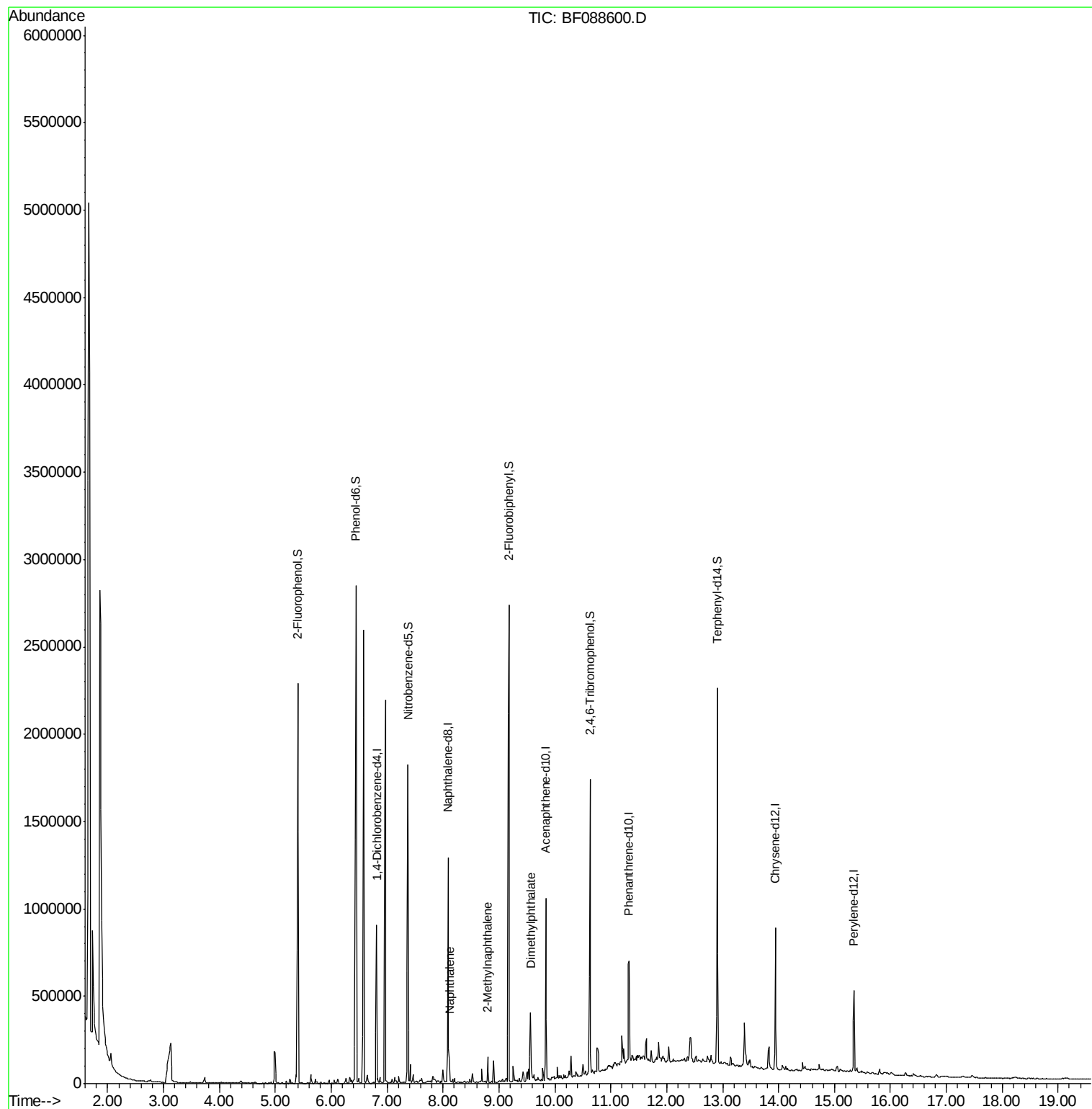
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	137160	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	500144	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	200433	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	312664	20.00	ng	0.00
75) Chrysene-d12	13.94	240	244738	20.00	ng	-0.01
86) Perylene-d12	15.35	264	207504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	919496	100.47	ng	0.01
7) Phenol-d6	6.44	99	1113178	94.13	ng	0.00
23) Nitrobenzene-d5	7.37	82	672033	70.41	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	175559	94.32	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1186533	93.51	ng	0.00
78) Terphenyl-d14	12.90	244	658052	59.89	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.11	128	51174	2.08	ng	98
37) 2-Methylnaphthalene	8.80	142	44457	2.80	ng	# 95
49) Dimethylphthalate	9.56	163	164850	11.54	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: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF088600.D

Acq: 2 Jul 2016 4:02

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

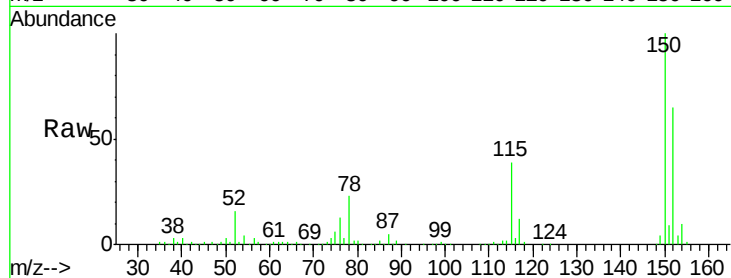
Tgt Ion:152 Resp: 137160

Ion Ratio Lower Upper

152 100

150 155.0 123.8 185.6

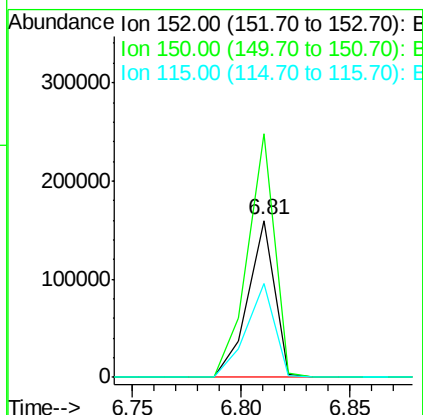
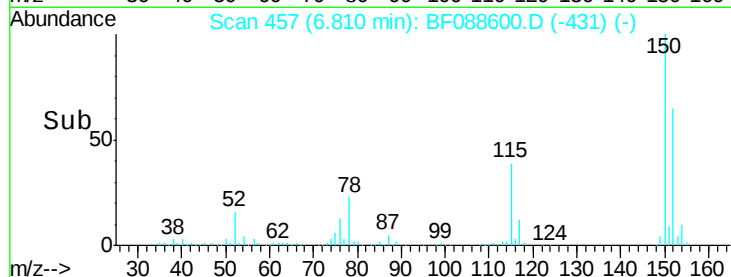
115 59.7 39.6 59.4#



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: 100.47 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.01 min

Lab File: BF088600.D

Acq: 2 Jul 2016 4:02

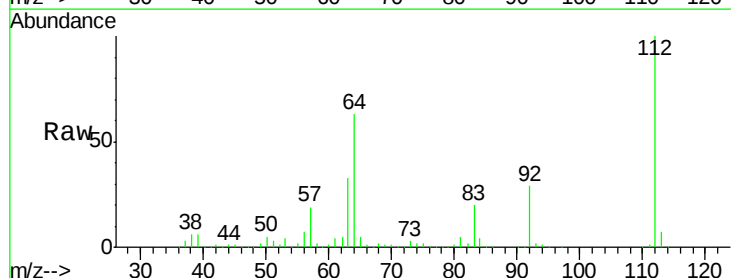
Tgt Ion:112 Resp: 919496

Ion Ratio Lower Upper

112 100

64 62.9 42.2 63.2

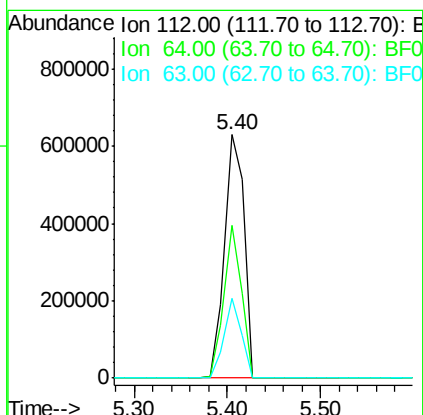
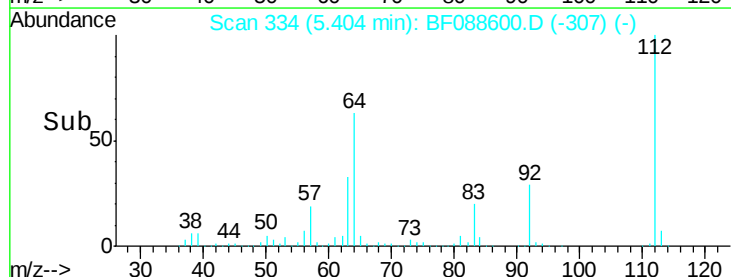
63 32.8 21.8 32.8#



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: 94.13 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088600.D

Acq: 2 Jul 2016 4:02

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

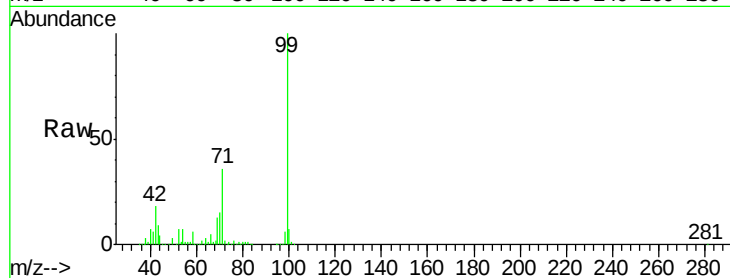
Tgt Ion: 99 Resp: 1113178

Ion Ratio Lower Upper

99 100

42 18.2 12.2 18.2

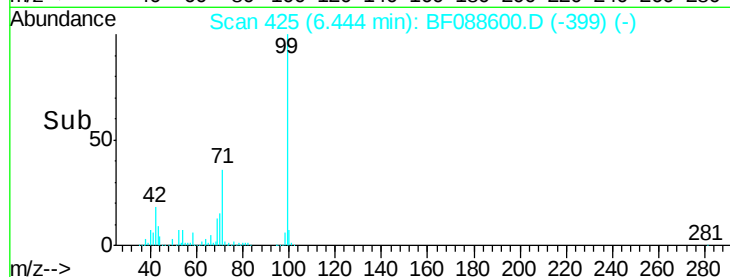
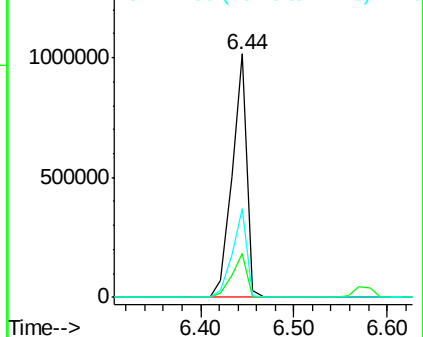
71 36.5 23.4 35.0#



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: 8.09 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF088600.D

Acq: 2 Jul 2016 4:02

Tgt Ion: 136 Resp: 500144

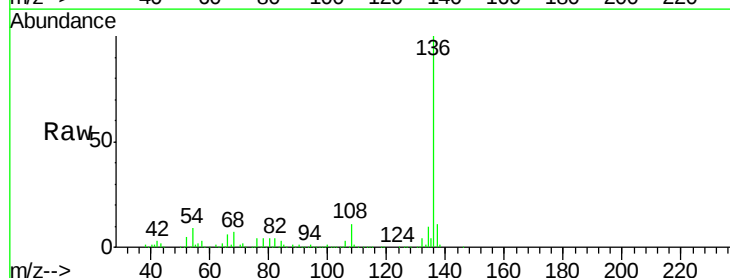
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.8 6.6 10.0

68 7.4 5.1 7.7

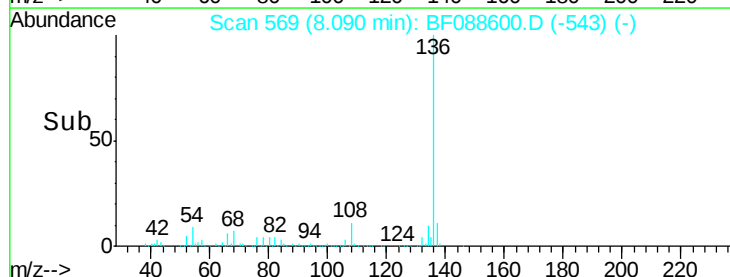
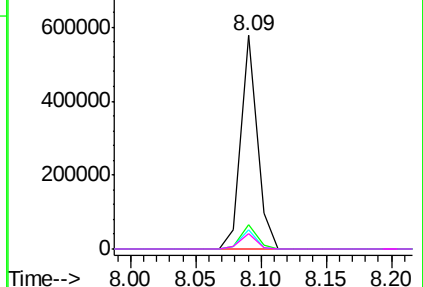


Abundance Ion 136.00 (135.70 to 136.70): E

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

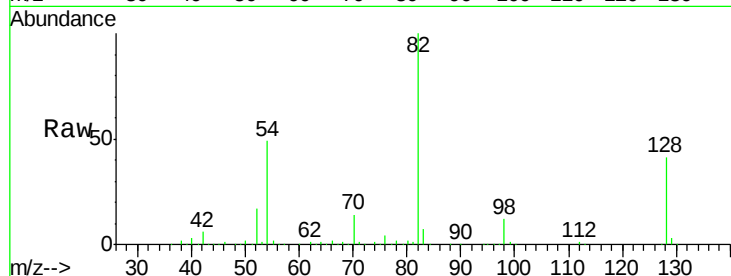




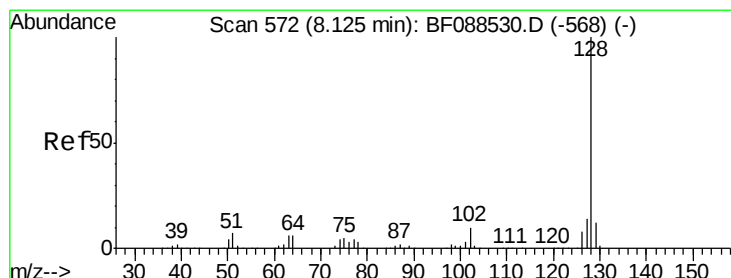
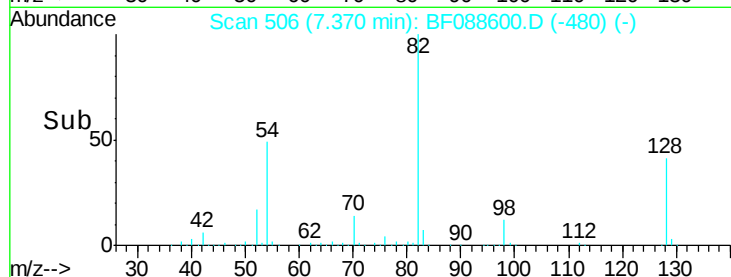
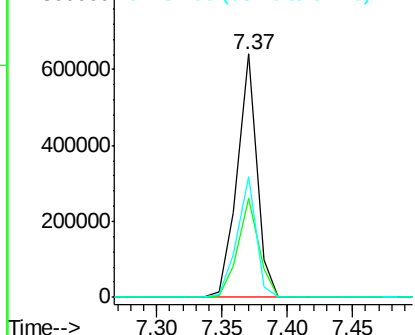
#23
 Nitrobenzene-d5
 Concen: 70.41 ng
 RT: 7.37 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF088600.D
 Acq: 2 Jul 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion: 82 Resp: 672033
 Ion Ratio Lower Upper
 82 100
 128 40.7 35.9 53.9
 54 49.4 40.9 61.3

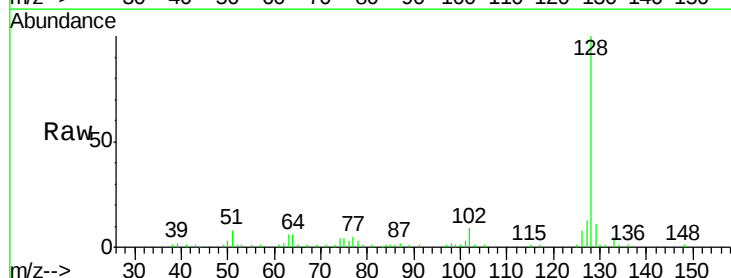


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

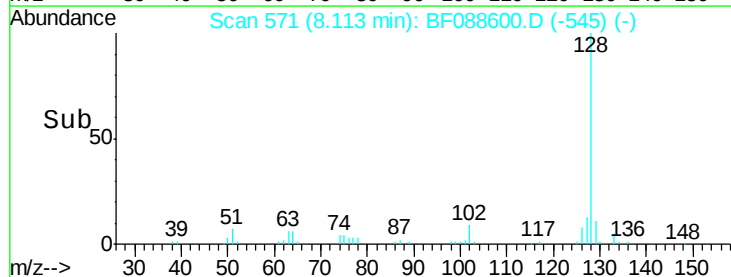
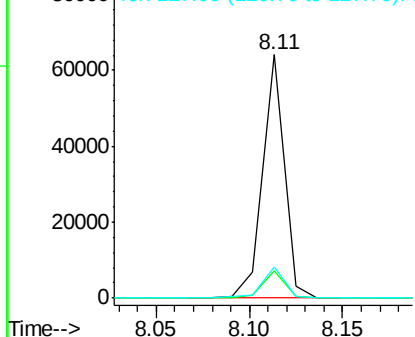


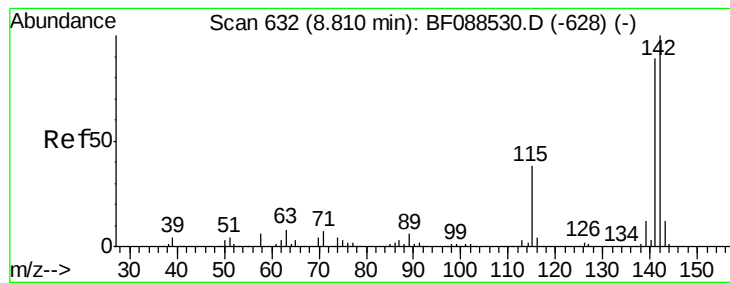
#31
 Naphthalene
 Concen: 2.08 ng
 RT: 8.11 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF088600.D
 Acq: 2 Jul 2016 4:02

Tgt Ion: 128 Resp: 51174
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.4 14.2
 127 12.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

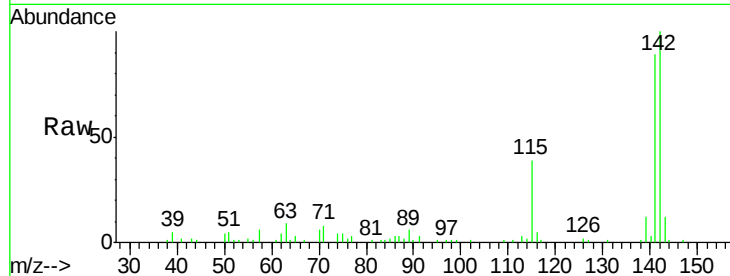




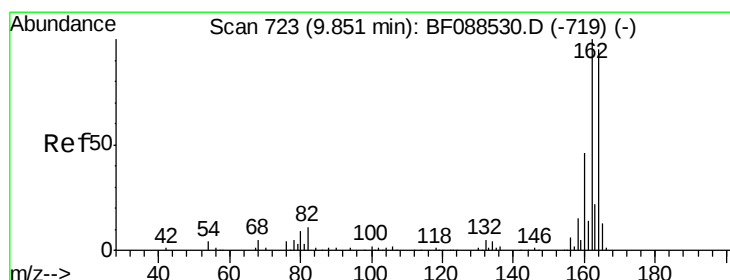
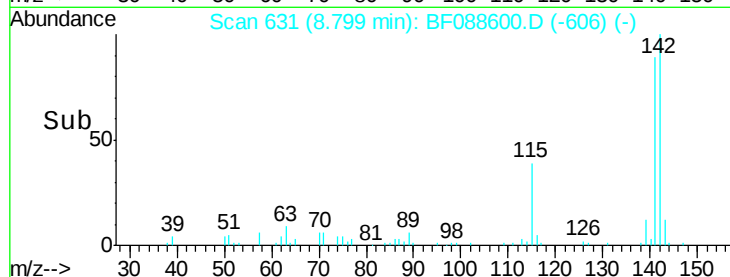
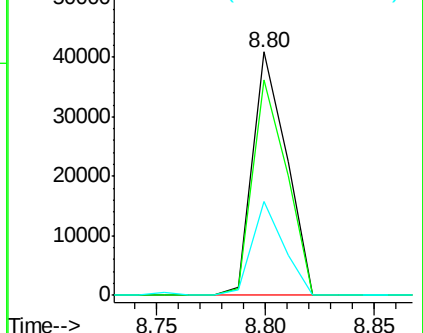
#37
 2-Methylnaphthalene
 Concen: 2.80 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF088600.D
 Acq: 2 Jul 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion:142 Resp: 44457
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.0 106.6
 115 38.6 22.6 33.8#

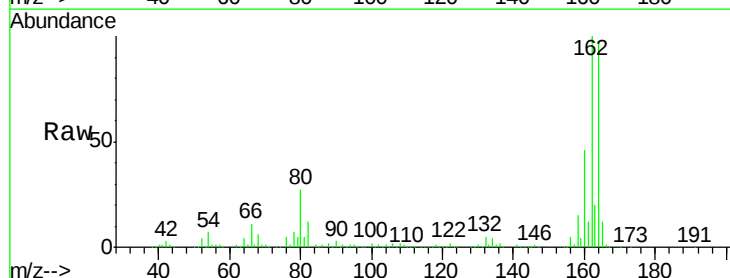


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

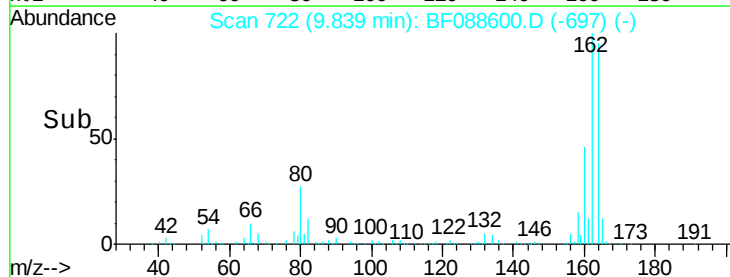
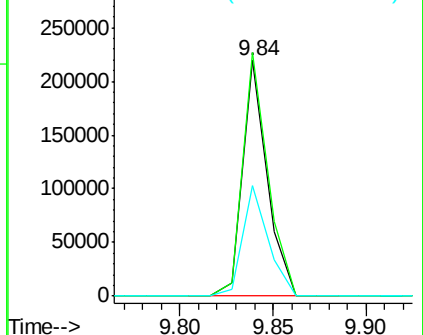


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088600.D
 Acq: 2 Jul 2016 4:02

Tgt Ion:164 Resp: 200433
 Ion Ratio Lower Upper
 164 100
 162 103.4 85.4 128.2
 160 47.2 39.5 59.3



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

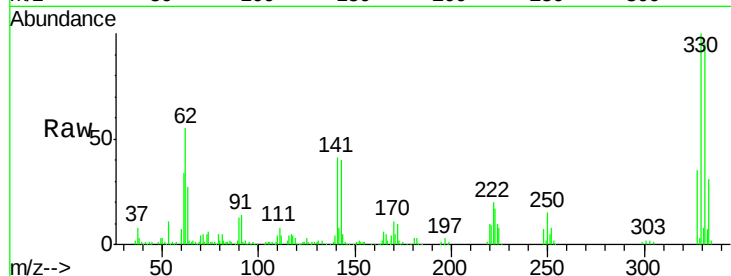




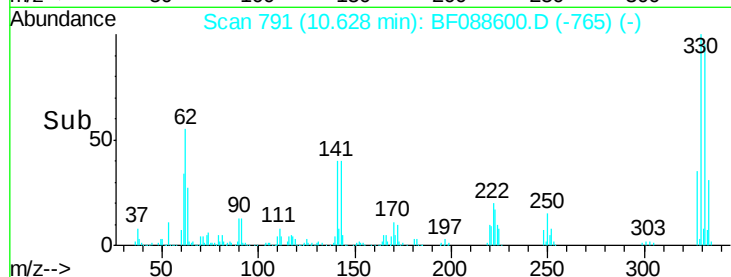
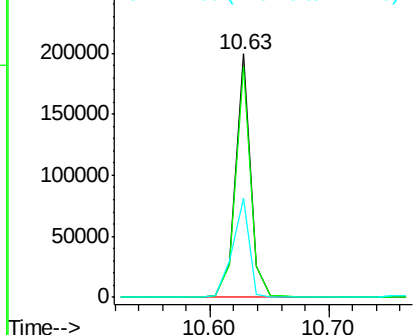
#41
 2,4,6-Tribromophenol
 Concen: 94.32 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF088600.D
 Acq: 2 Jul 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion:330 Resp: 175559
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 44.8 0.0 0.0#

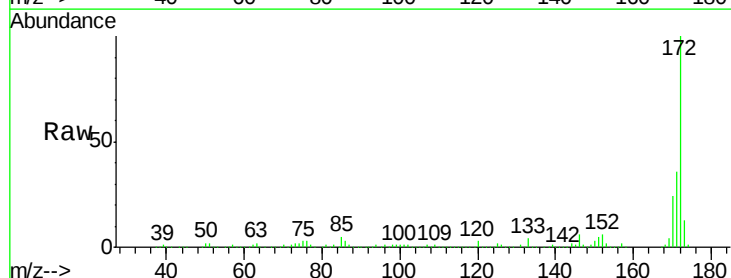


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

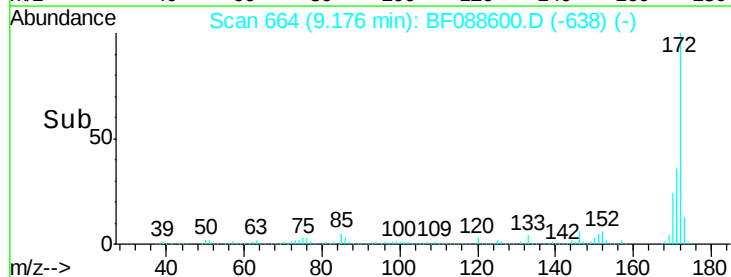
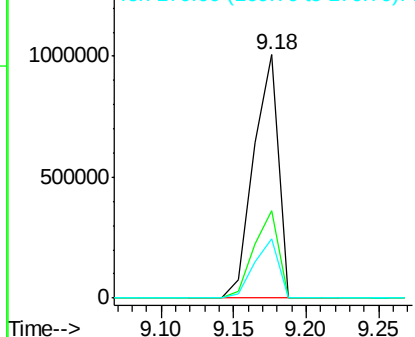


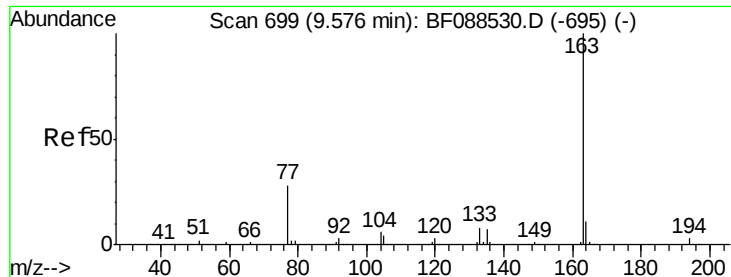
#44
 2-Fluorobiphenyl
 Concen: 93.51 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF088600.D
 Acq: 2 Jul 2016 4:02

Tgt Ion:172 Resp: 1186533
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 24.2 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

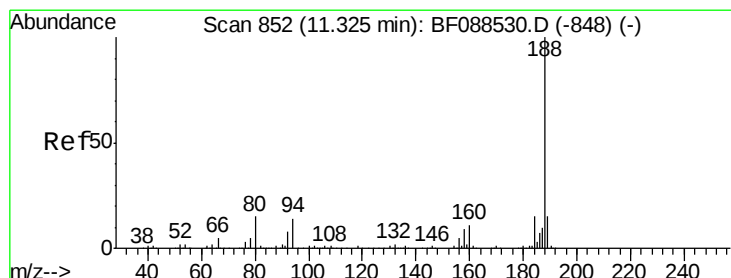
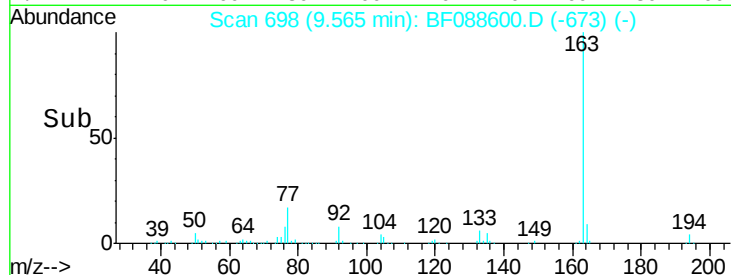
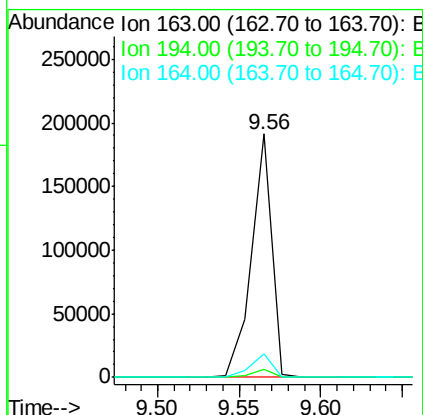
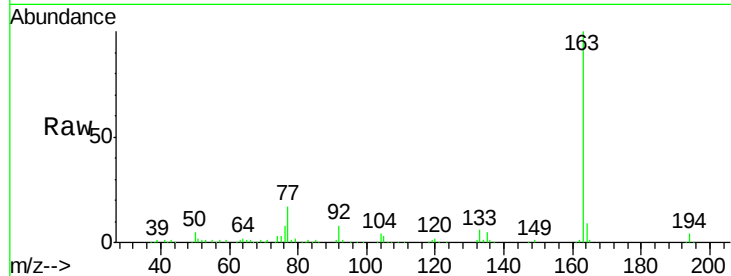




#49
Dimethylphthalate
Concen: 11.54 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088600.D
Acq: 2 Jul 2016 4:02

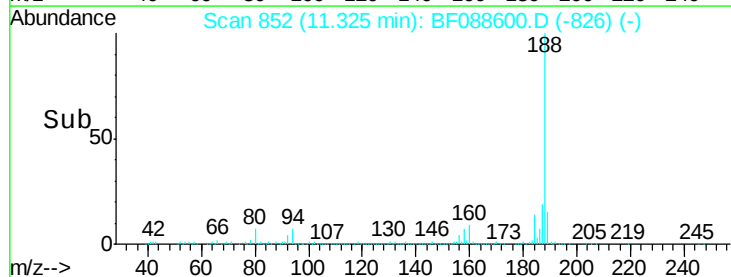
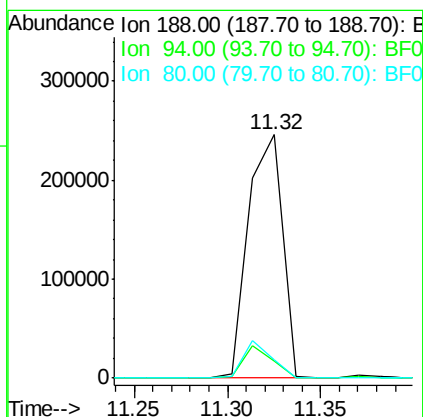
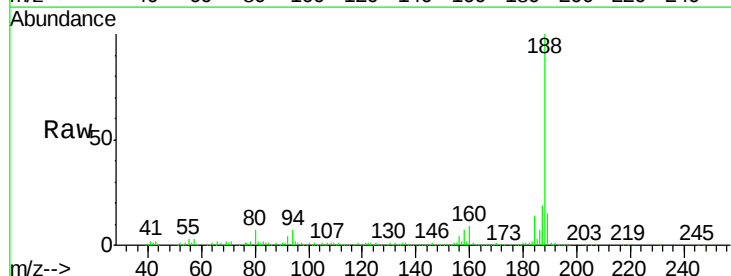
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion:163 Resp: 164850
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.4 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF088600.D
Acq: 2 Jul 2016 4:02

Tgt Ion:188 Resp: 312664
Ion Ratio Lower Upper
188 100
94 6.8 9.0 13.6#
80 7.3 10.0 15.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088600.D

Acq: 2 Jul 2016 4:02

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

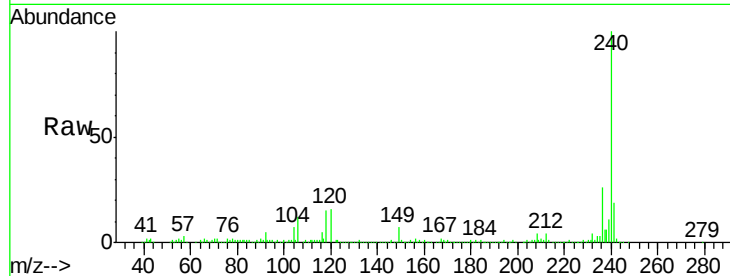
Tgt Ion:240 Resp: 244738

Ion Ratio Lower Upper

240 100

120 15.8 6.8 10.2#

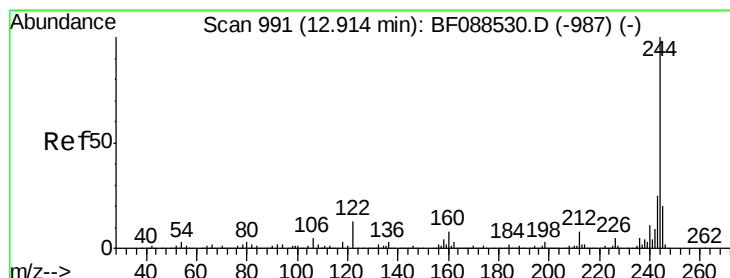
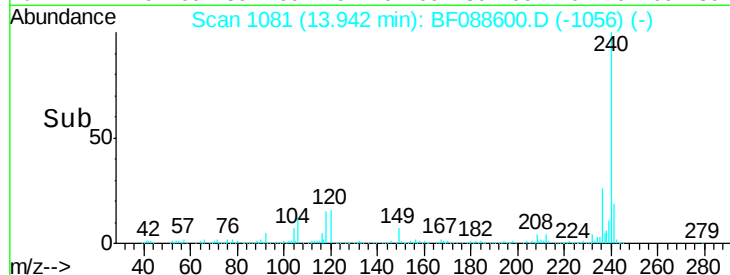
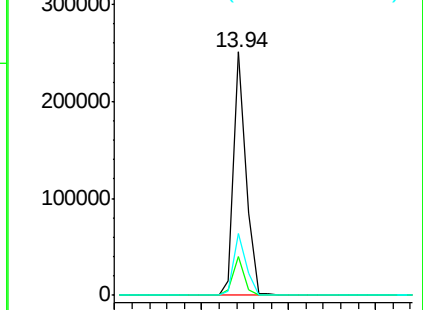
236 25.7 20.2 30.2



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



#78

Terphenyl-d14

Concen: 59.89 ng

RT: 12.90 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF088600.D

Acq: 2 Jul 2016 4:02

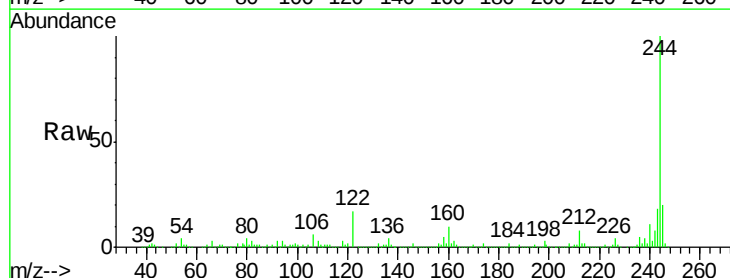
Tgt Ion:244 Resp: 658052

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

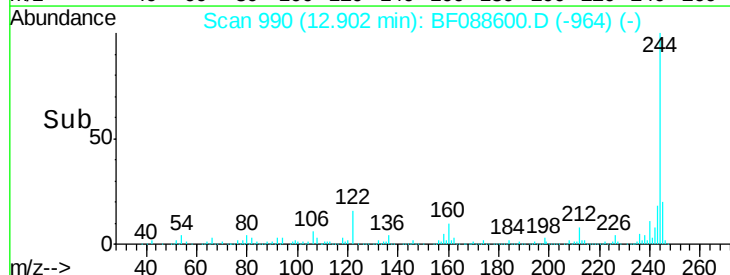
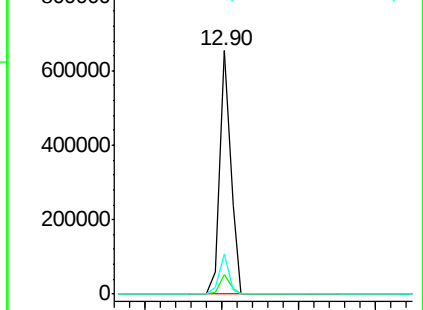
122 16.5 11.2 16.8

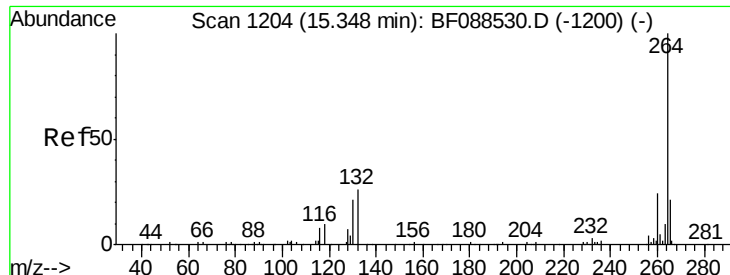


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

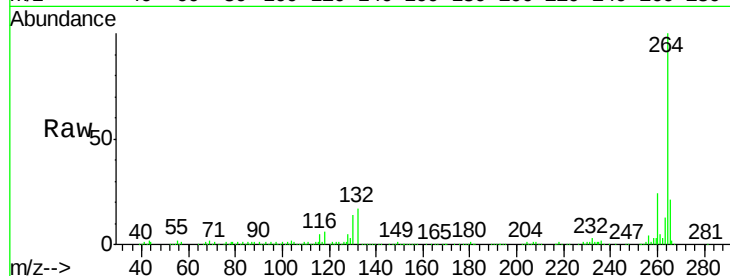




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF088600.D
Acq: 2 Jul 2016 4:02

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion: 264 Resp: 207504
Ion Ratio Lower Upper
264 100
260 23.9 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

