

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
 Data File : BF080698.D
 Acq On : 28 Jul 2015 4:55
 Operator : TP/UM
 Sample : G2973-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Jul 28 11:13:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 05:06:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	70596	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	260237	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	113994	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	152711	20.00	ng	0.00
75) Chrysene-d12	14.26	240	44255	20.00	ng	0.01
86) Perylene-d12	15.95	264	25785	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	303824	68.54	ng	0.01
7) Phenol-d6	6.53	99	304717	63.90	ng	0.00
23) Nitrobenzene-d5	7.48	82	257726	50.88	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	63555	63.70	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	420160	46.44	ng	0.00
78) Terphenyl-d14	13.08	244	196211	75.95	ng	0.01

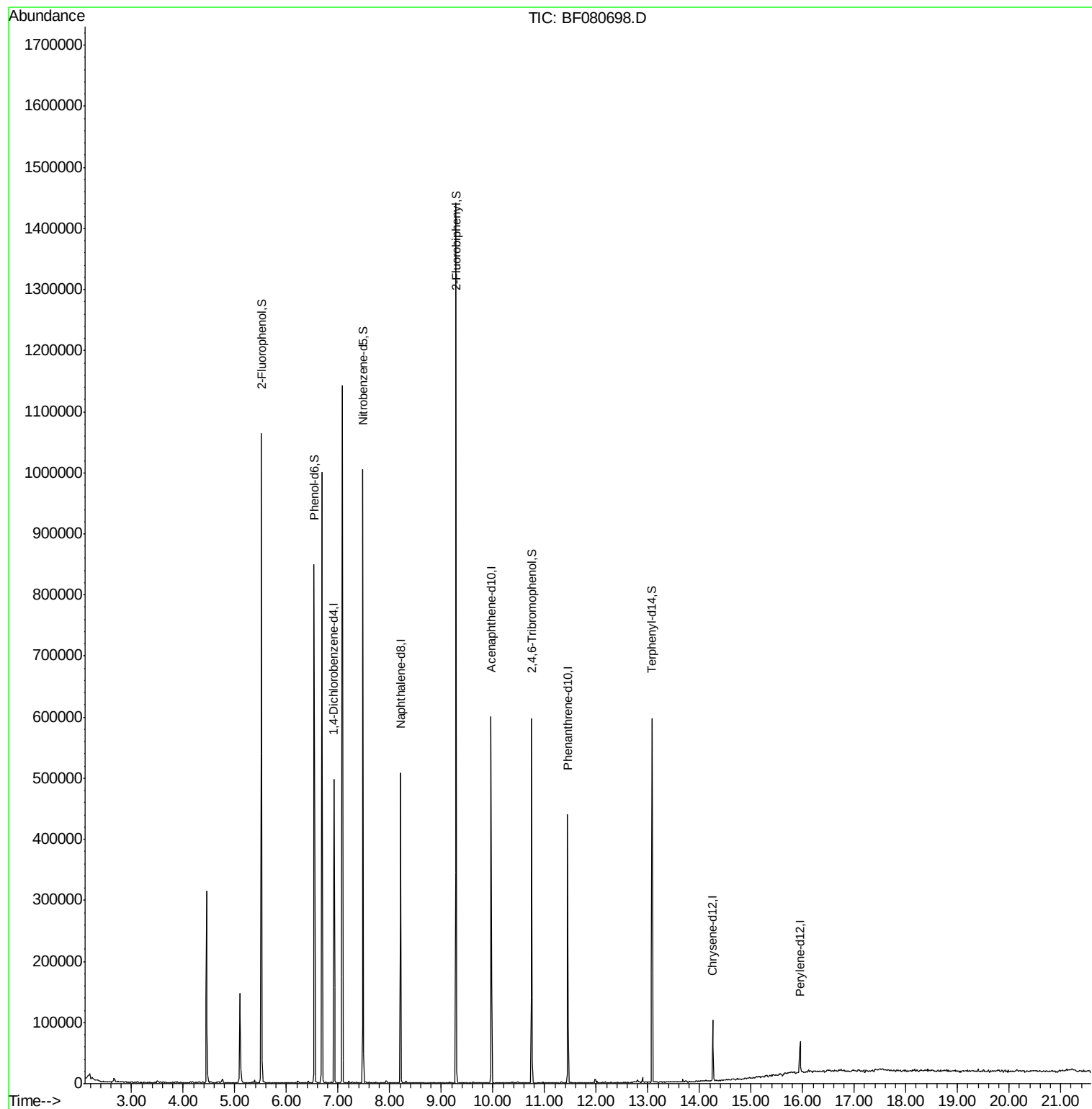
Target Compounds Qvalue

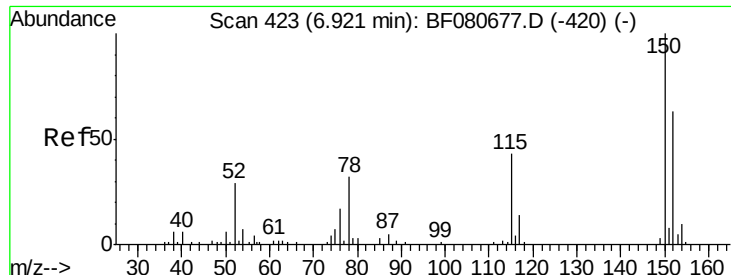
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080698.D
Acq On : 28 Jul 2015 4:55
Operator : TP/UM
Sample : G2973-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB

Quant Time: Jul 28 11:13:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 28 05:06:30 2015
Response via : Initial Calibration



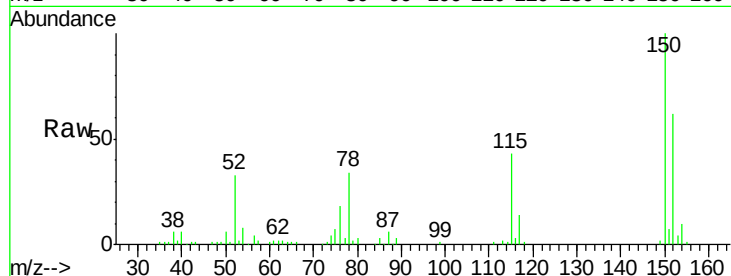


#1

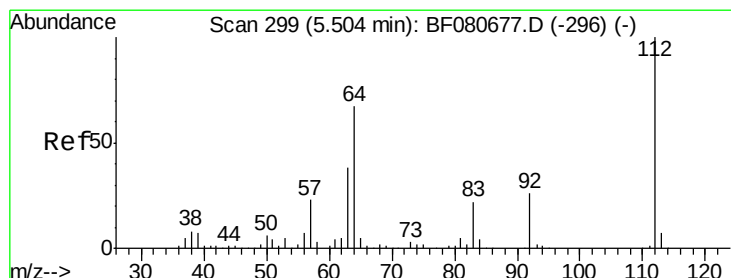
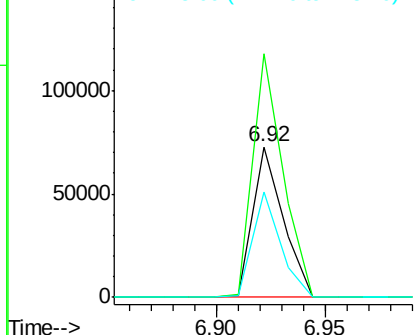
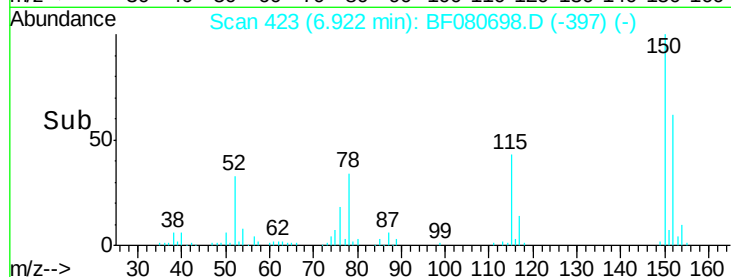
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF080698.D
 Acq: 28 Jul 2015 4:55

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	127.7	191.5
115	69.7	54.2	81.4



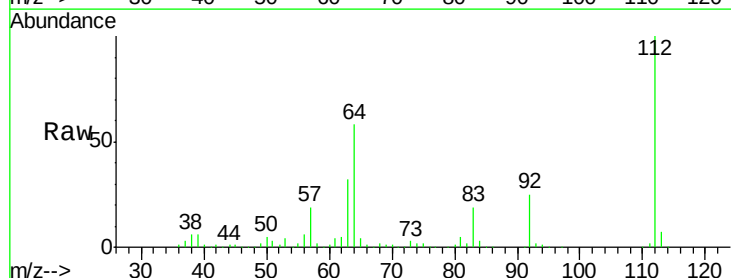
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



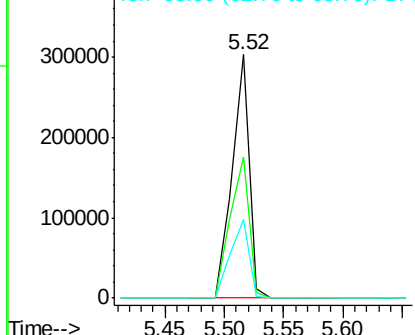
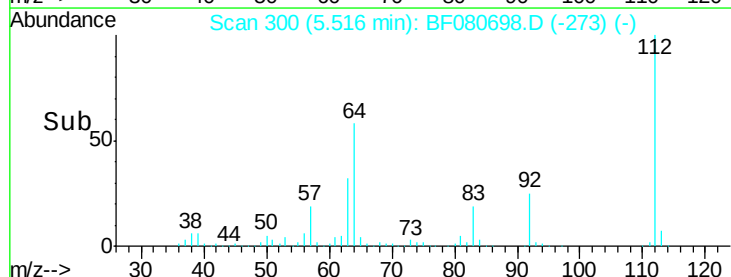
#5

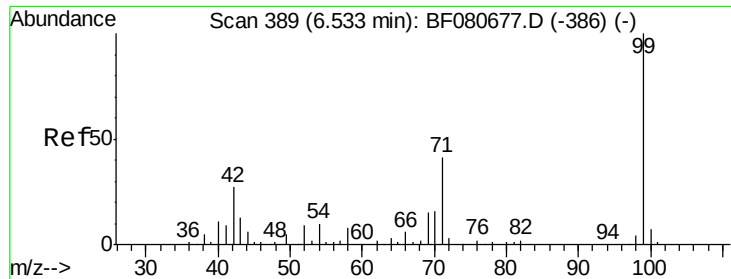
2-Fluorophenol
 Concen: 68.54 ng
 RT: 5.52 min Scan# 300
 Delta R.T. 0.01 min
 Lab File: BF080698.D
 Acq: 28 Jul 2015 4:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	53.2	79.8
63	32.1	30.4	45.6



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: 63.90 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF080698.D

Acq: 28 Jul 2015 4:55

Instrument :

BNA_F

ClientSampleId :

FB

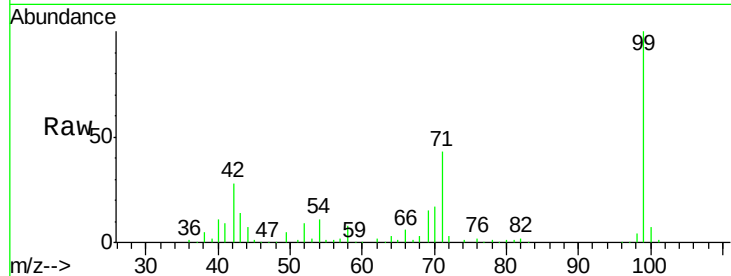
Tot Ion: 99 Resp: 304717

Ion Ratio Lower Upper

99 100

42 27.9 21.8 32.8

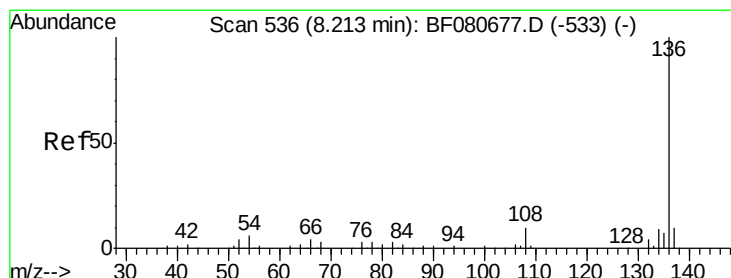
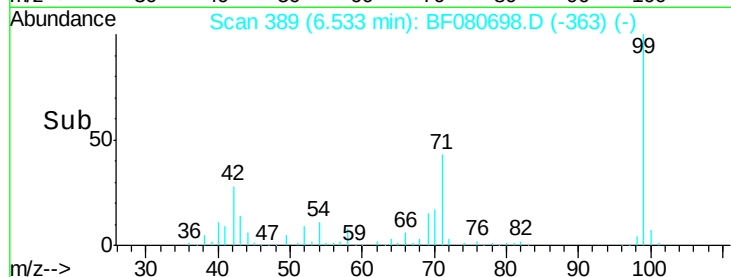
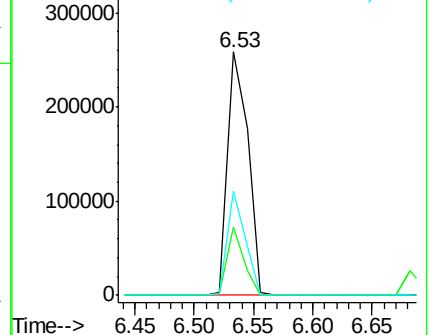
71 42.9 32.9 49.3



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: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF080698.D

Acq: 28 Jul 2015 4:55

Tgt Ion: 136 Resp: 260237

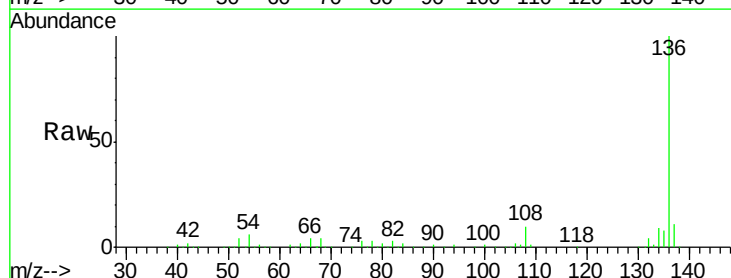
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.2

54 6.3 5.0 7.4

68 3.6 2.7 4.1

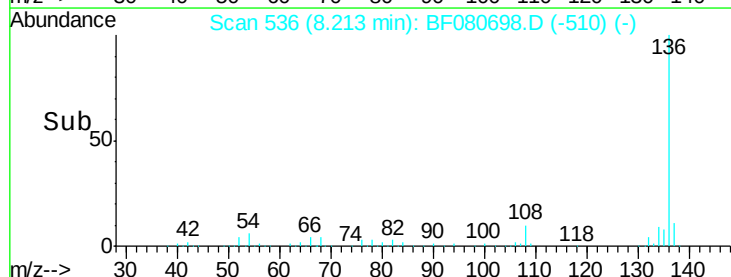
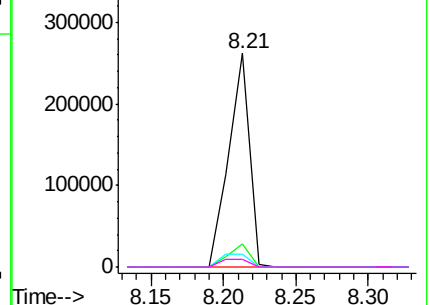


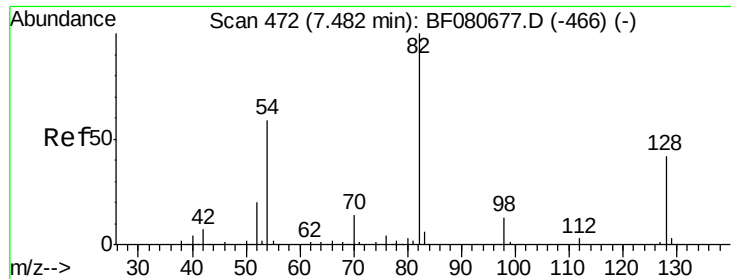
Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.88 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF080698.D

Acq: 28 Jul 2015 4:55

Instrument :

BNA_F

ClientSampled :

FB

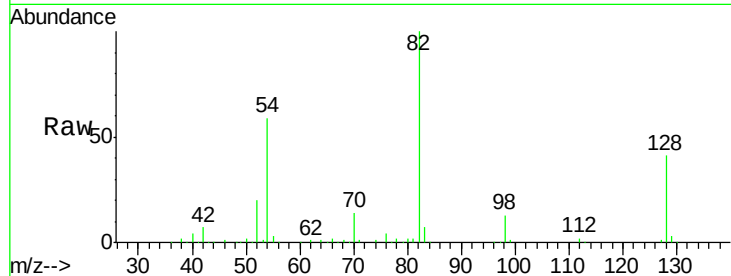
Tot Ion: 82 Resp: 257726

Ion Ratio Lower Upper

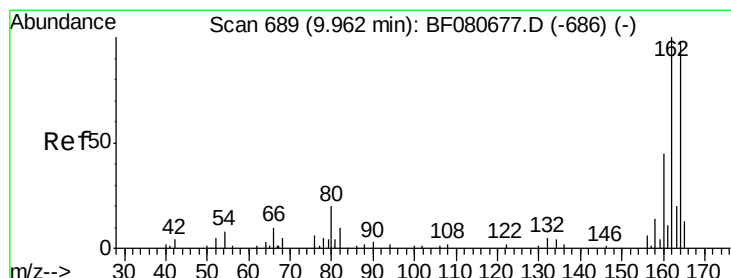
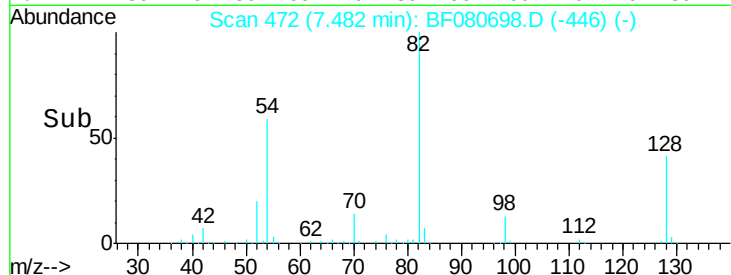
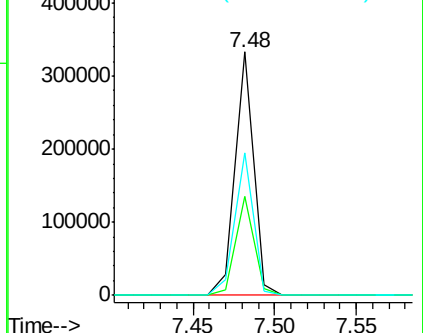
82 100

128 40.6 33.7 50.5

54 58.7 47.3 70.9



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: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF080698.D

Acq: 28 Jul 2015 4:55

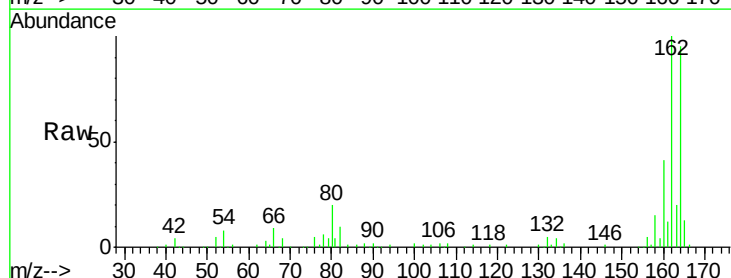
Tgt Ion:164 Resp: 113994

Ion Ratio Lower Upper

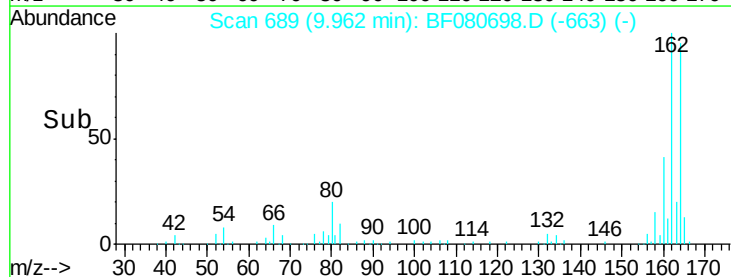
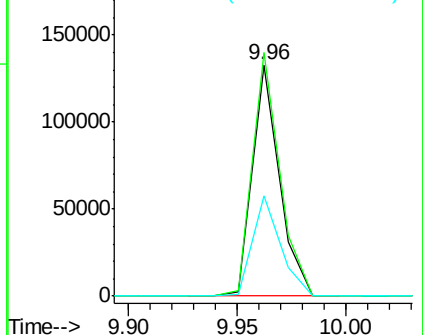
164 100

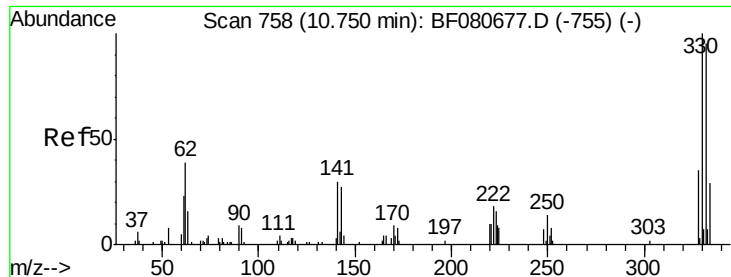
162 105.4 82.0 123.0

160 43.6 36.7 55.1



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

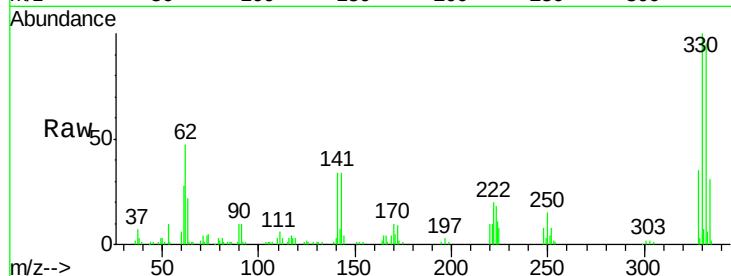




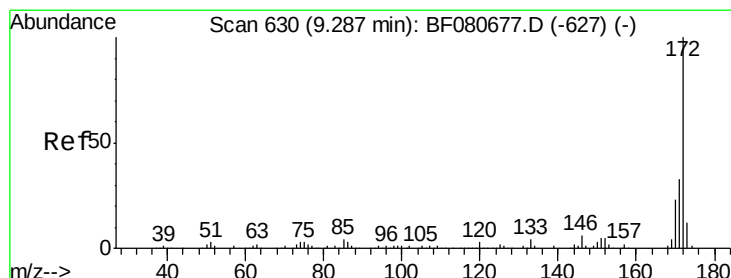
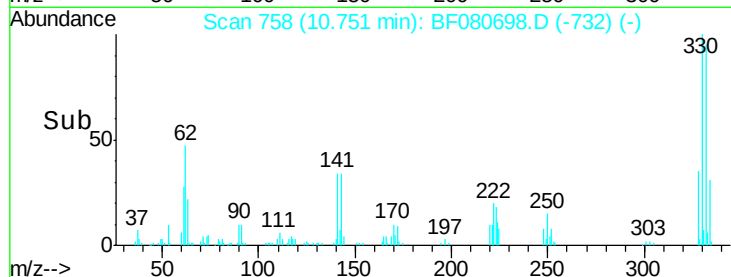
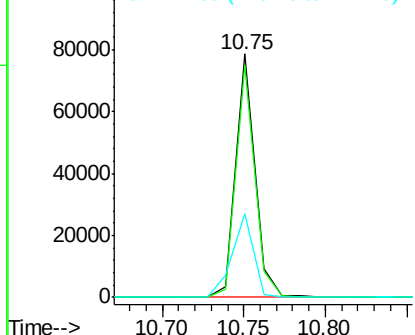
#41
 2,4,6-Tribromophenol
 Concen: 63.70 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF080698.D
 Acq: 28 Jul 2015 4:55

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.9	115.3
141	37.8	30.6	45.8

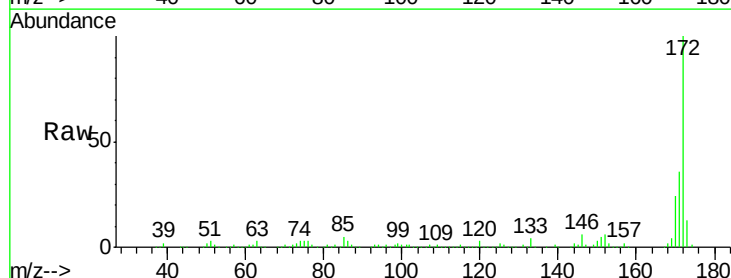


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

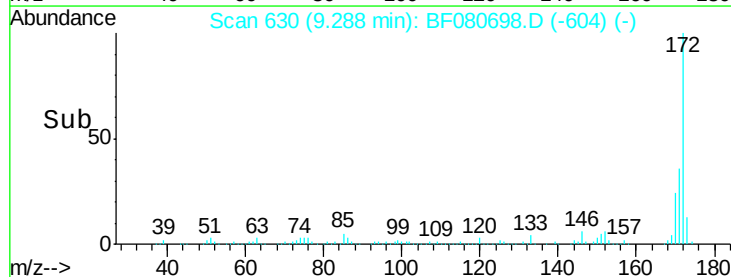
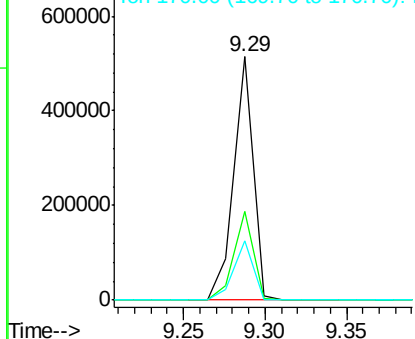


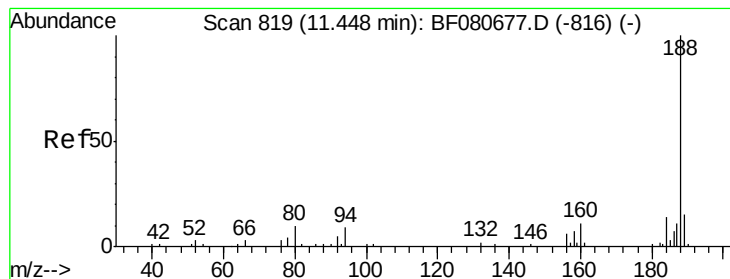
#44
 2-Fluorobiphenyl
 Concen: 46.44 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF080698.D
 Acq: 28 Jul 2015 4:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.6	39.8
170	24.2	18.6	28.0



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: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF080698.D

Acq: 28 Jul 2015 4:55

Instrument :

BNA_F

ClientSampleId :

FB

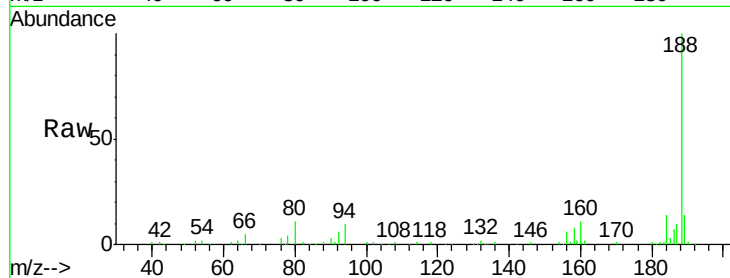
Tot Ion:188 Resp: 152711

Ion Ratio Lower Upper

188 100

94 9.9 7.2 10.8

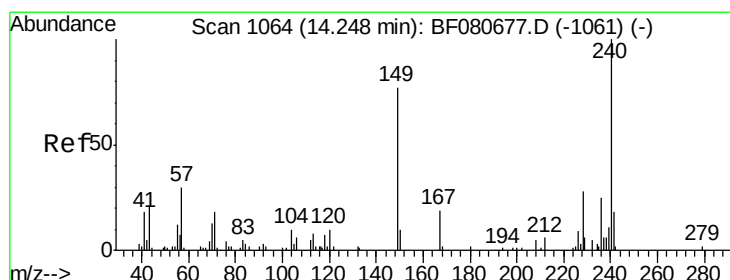
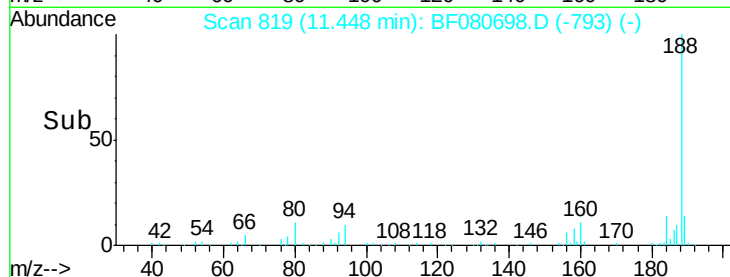
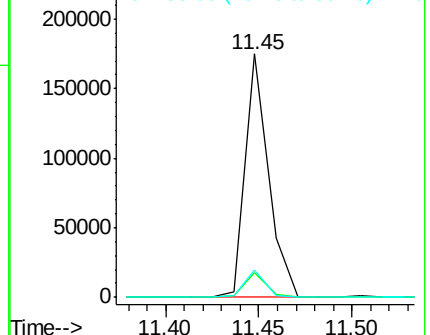
80 11.3 8.2 12.2



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: 14.26 min Scan# 1065

Delta R.T. 0.01 min

Lab File: BF080698.D

Acq: 28 Jul 2015 4:55

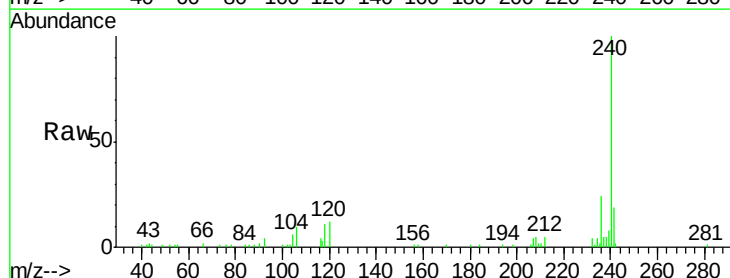
Tgt Ion:240 Resp: 44255

Ion Ratio Lower Upper

240 100

120 12.3 8.0 12.0#

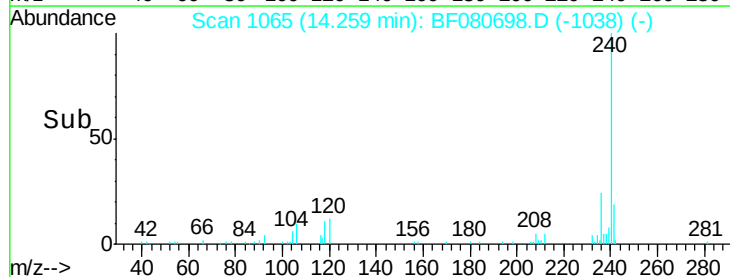
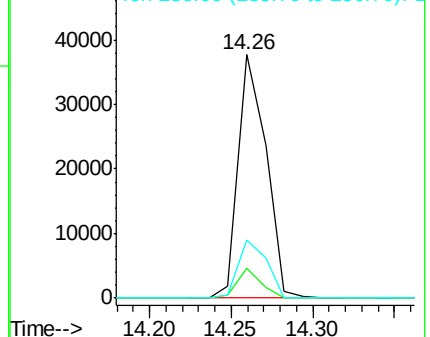
236 23.6 20.0 30.0

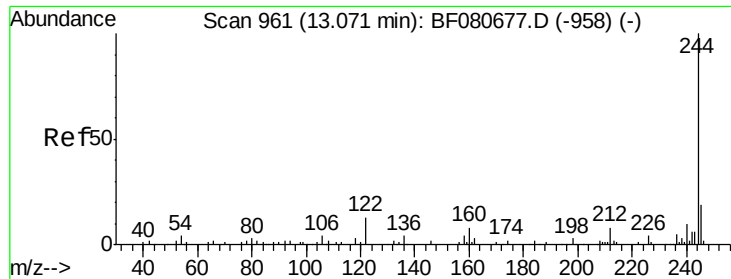


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

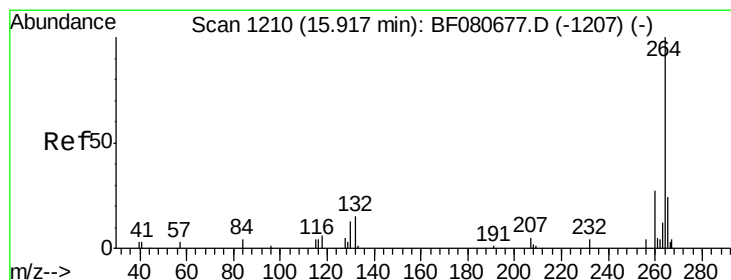
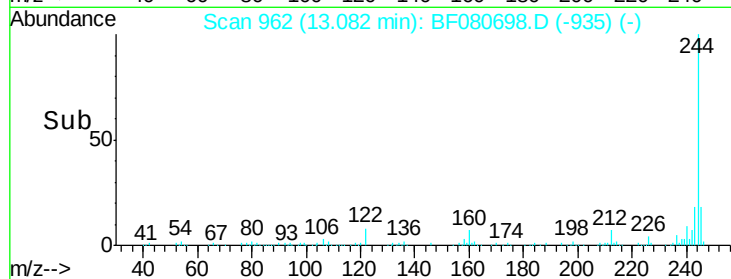
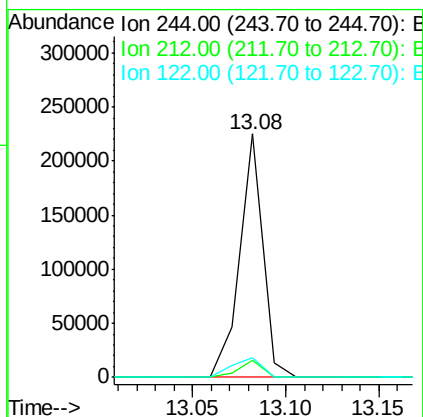
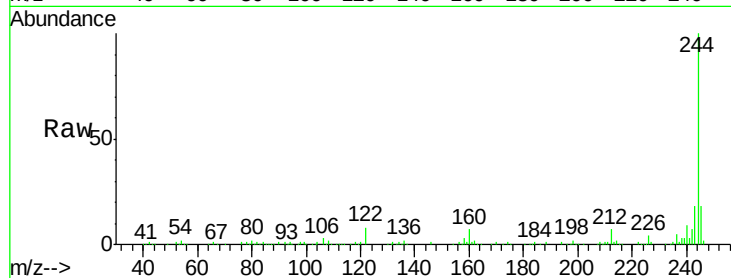




#78
 Terphenyl-d14
 Concen: 75.95 ng
 RT: 13.08 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF080698.D
 Acq: 28 Jul 2015 4:55

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion:244 Resp: 196211
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 8.1 10.2 15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.95 min Scan# 1213
 Delta R.T. 0.03 min
 Lab File: BF080698.D
 Acq: 28 Jul 2015 4:55

Tgt Ion:264 Resp: 25785
 Ion Ratio Lower Upper
 264 100
 260 25.4 21.6 32.4
 265 22.0 19.3 28.9

