

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084012.D
 Acq On : 23 Dec 2015 2:25
 Operator : UM/SJ
 Sample : G4916-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP219BRV110

Quant Time: Dec 23 03:23:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	43932	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	175220	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	87740	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	170900	20.00	ng	0.00
75) Chrysene-d12	13.99	240	171822	20.00	ng	-0.01
86) Perylene-d12	15.41	264	151437	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	175433	68.09	ng	0.01
7) Phenol-d6	6.48	99	154556	51.02	ng	0.00
23) Nitrobenzene-d5	7.39	82	257940	90.43	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	141552	167.73	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	631396	96.85	ng	0.00
78) Terphenyl-d14	12.93	244	635147	88.16	ng	0.00

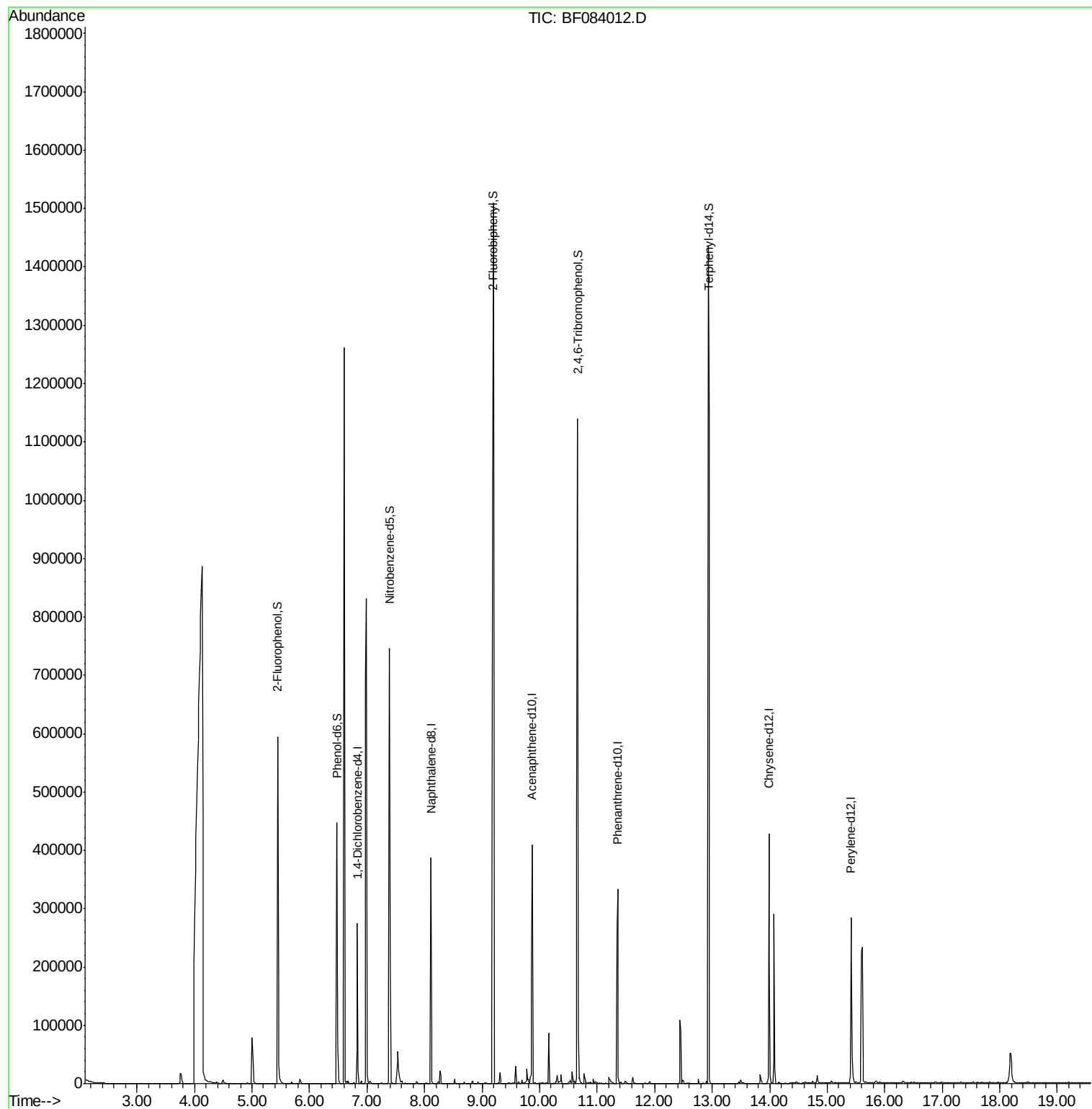
Target Compounds Qvalue

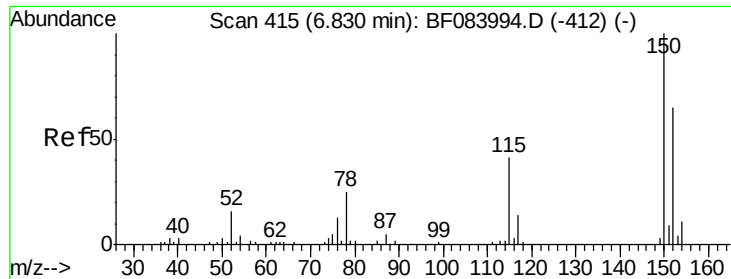
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084012.D
Acq On : 23 Dec 2015 2:25
Operator : UM/SJ
Sample : G4916-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151214MGP219BRV110

Quant Time: Dec 23 03:23:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration



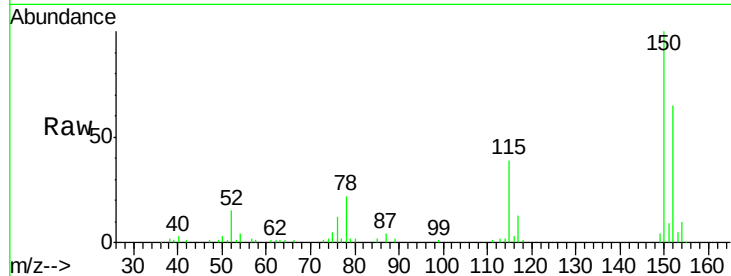


#1

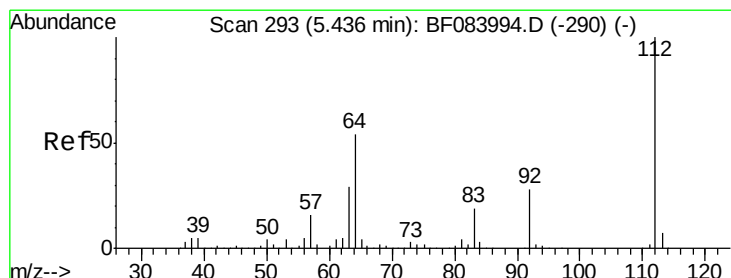
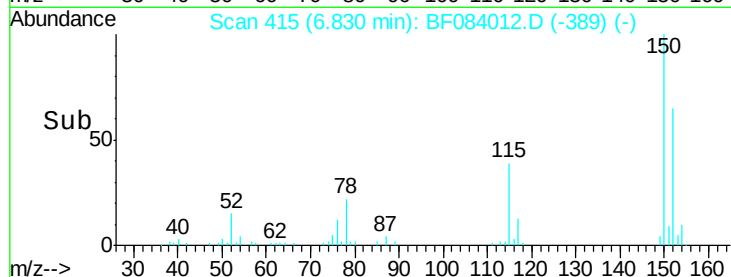
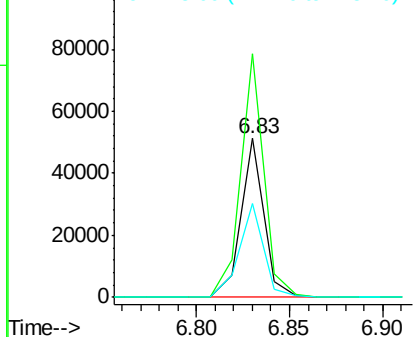
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
20151214MGP219BRV110

Tot Ion:152 Resp: 43932
Ion Ratio Lower Upper
152 100
150 153.3 123.0 184.4
115 59.2 51.4 77.2



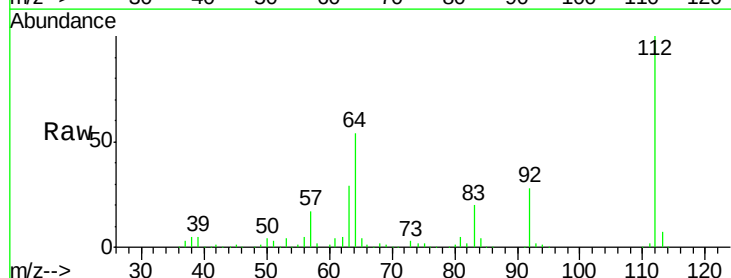
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



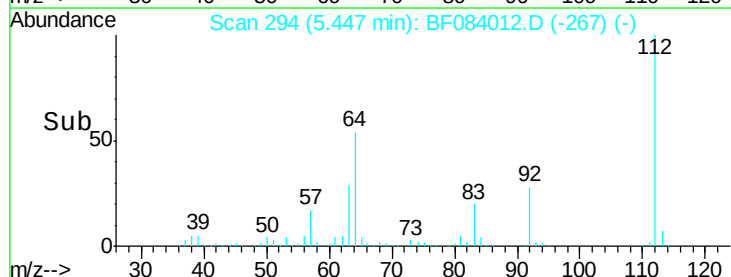
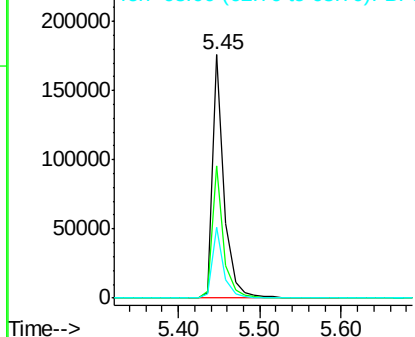
#5

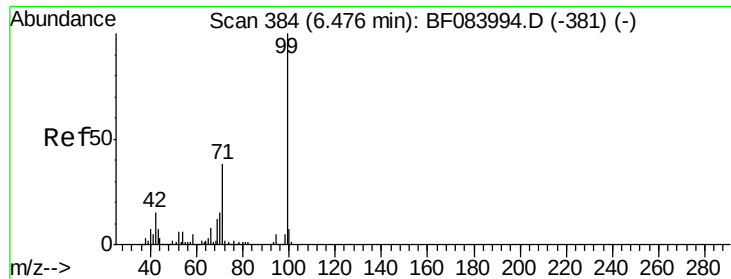
2-Fluorophenol
Concen: 68.09 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Tgt Ion:112 Resp: 175433
Ion Ratio Lower Upper
112 100
64 54.3 36.6 55.0
63 28.9 19.4 29.0



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: 51.02 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084012.D

Acq: 23 Dec 2015 2:25

Instrument :

BNA_F

ClientSampleId :

20151214MGP219BRV110

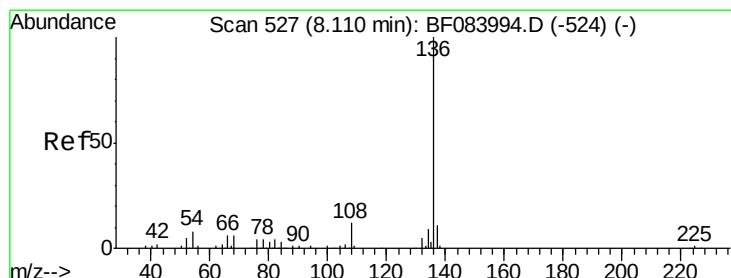
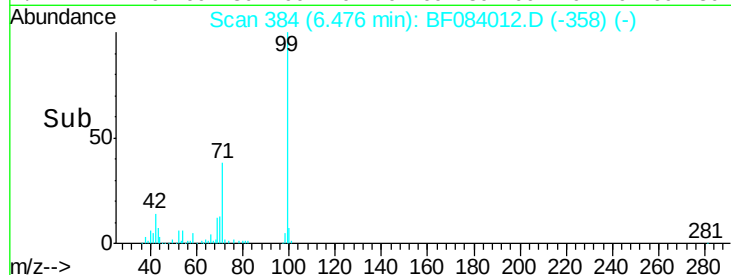
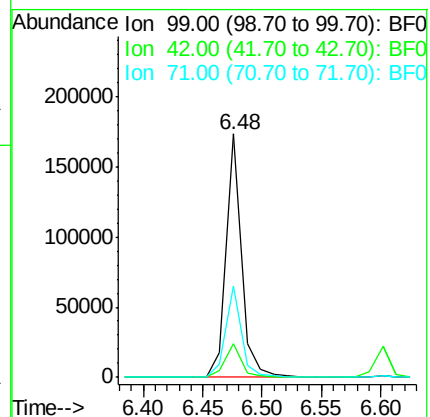
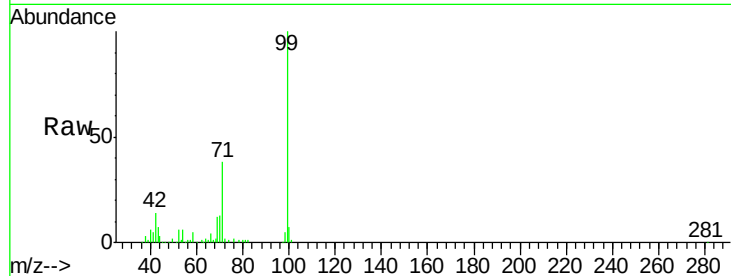
Tot Ion: 99 Resp: 154556

Ion Ratio Lower Upper

99 100

42 14.0 12.8 19.2

71 37.6 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084012.D

Acq: 23 Dec 2015 2:25

Tgt Ion: 136 Resp: 175220

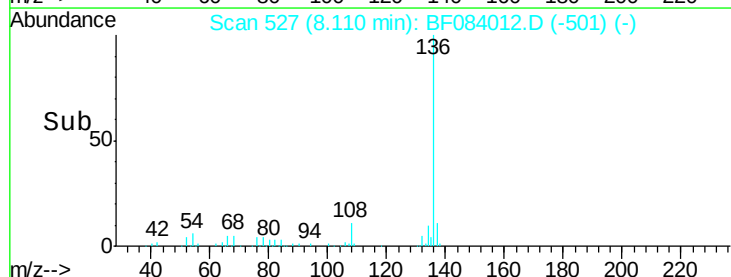
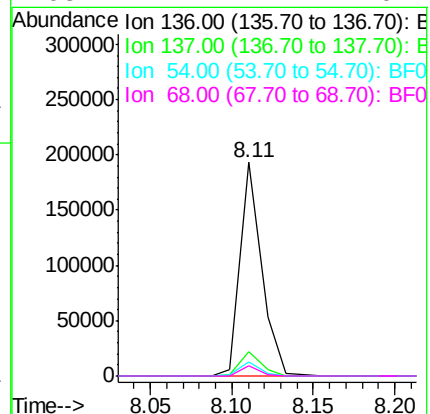
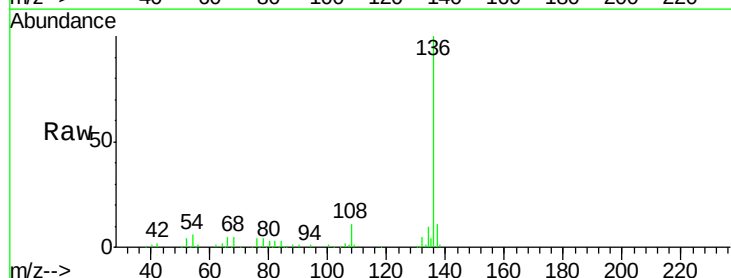
Ion Ratio Lower Upper

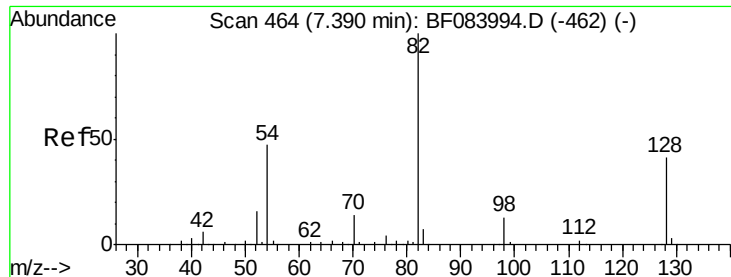
136 100

137 11.1 8.7 13.1

54 6.4 5.8 8.8

68 4.7 4.2 6.2

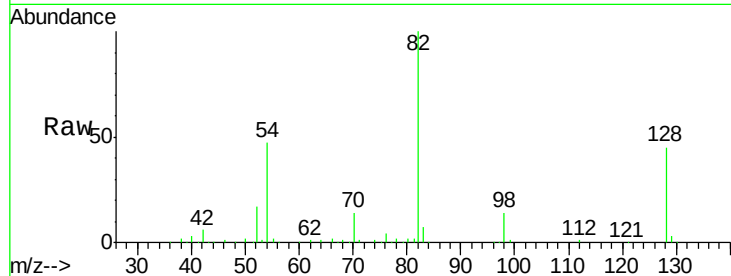




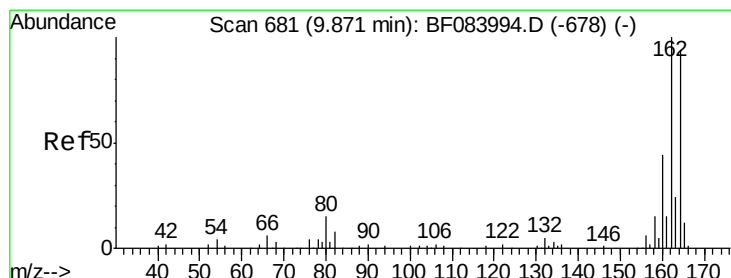
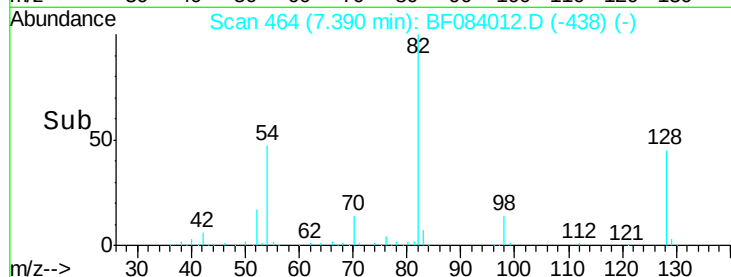
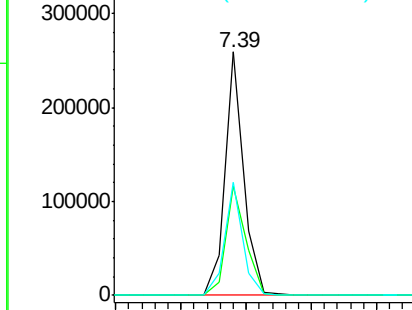
#23
 Nitrobenzene-d5
 Concen: 90.43 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084012.D
 Acq: 23 Dec 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP219BRV110

Tot Ion	82	Resp	257940
Ion Ratio	Lower	Upper	
82	100		
128	44.8	34.6	51.8
54	46.7	38.4	57.6

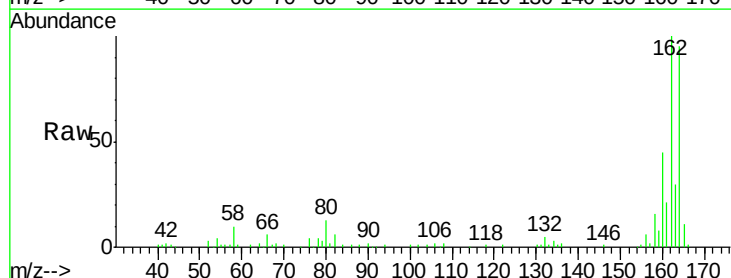


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

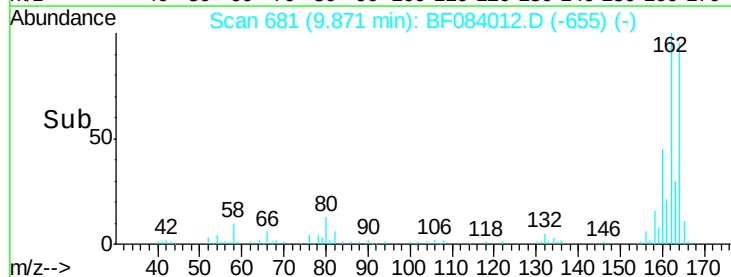
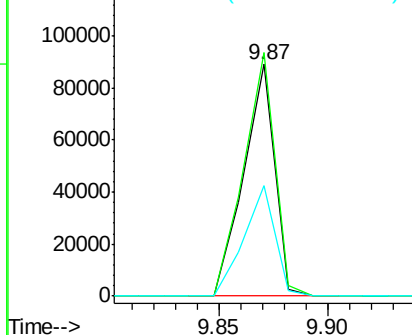


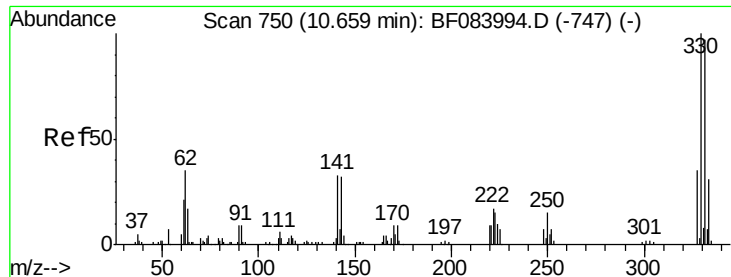
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF084012.D
 Acq: 23 Dec 2015 2:25

Tgt Ion	164	Resp	87740
Ion Ratio	Lower	Upper	
164	100		
162	105.1	85.1	127.7
160	47.6	37.5	56.3



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

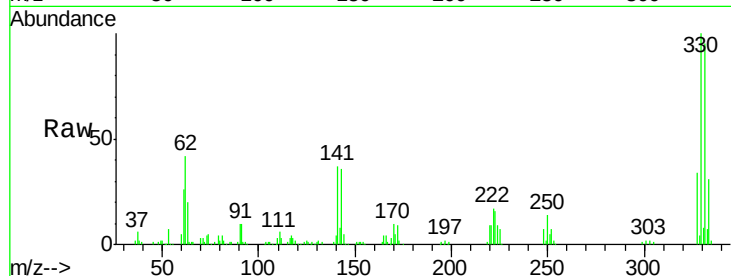




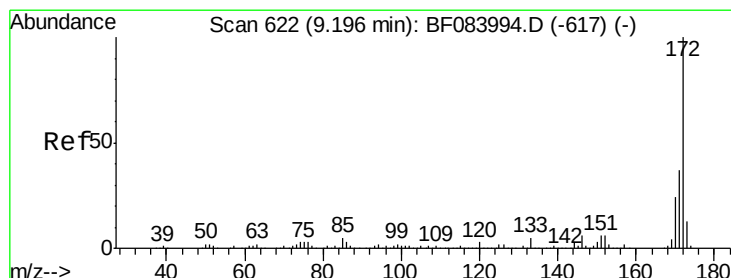
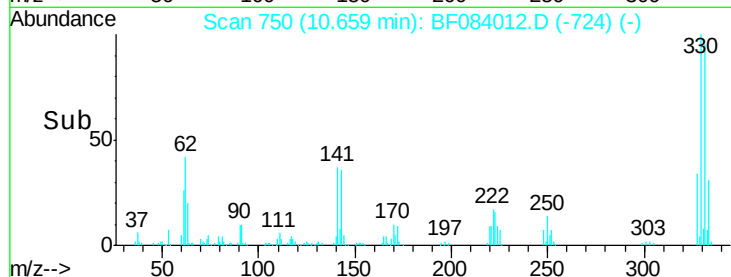
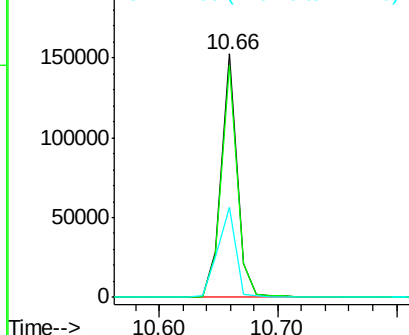
#41
 2,4,6-Tribromophenol
 Concen: 167.73 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084012.D
 Acq: 23 Dec 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP219BRV110

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	41.5	27.8	41.6

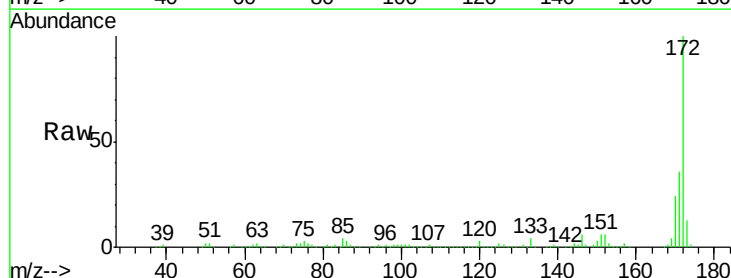


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

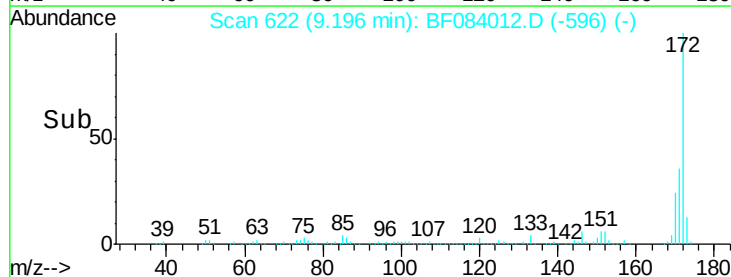
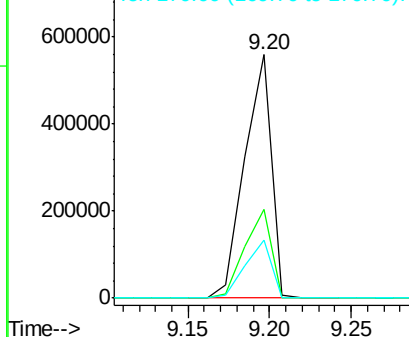


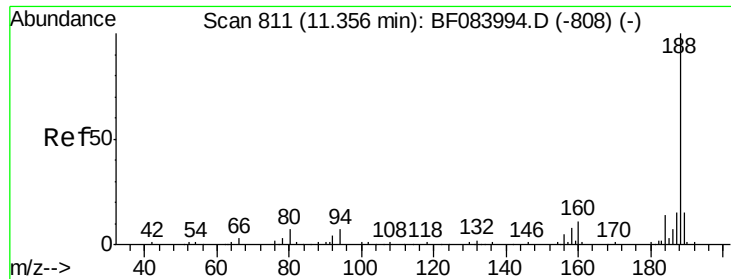
#44
 2-Fluorobiphenyl
 Concen: 96.85 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084012.D
 Acq: 23 Dec 2015 2:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	23.9	18.6	27.8



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

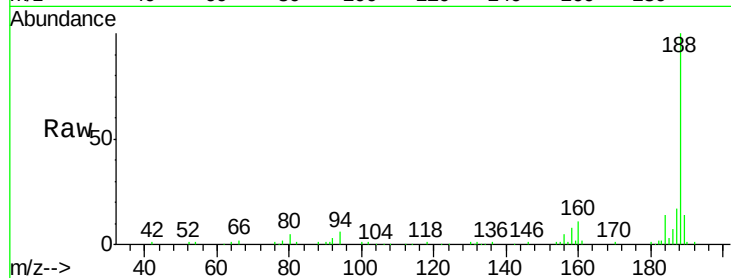




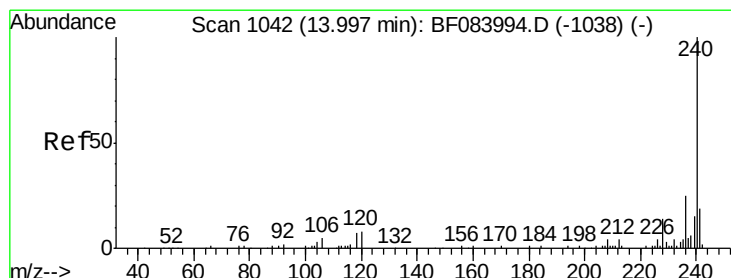
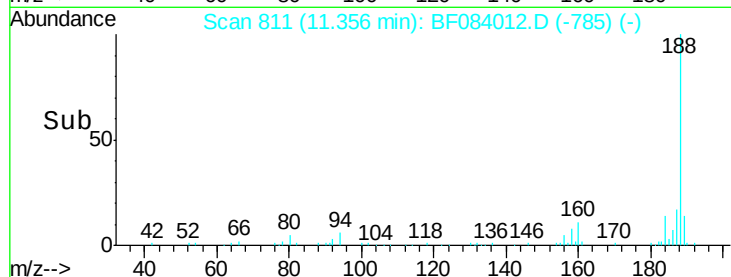
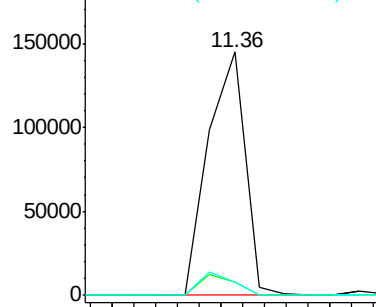
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
20151214MGP219BRV110

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.6	9.0	13.4#
80	5.4	9.6	14.4#

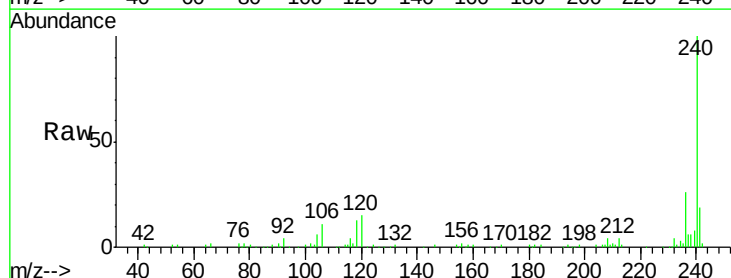


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

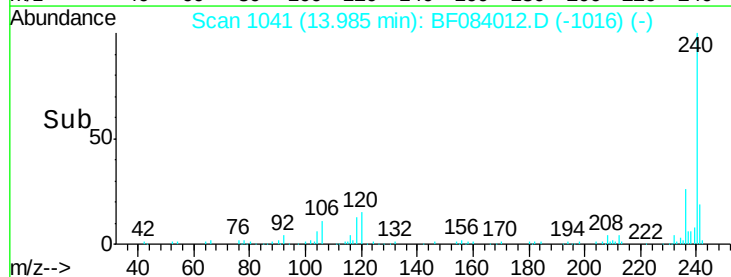
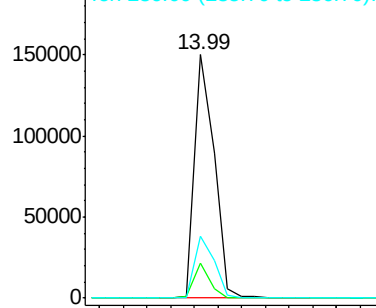


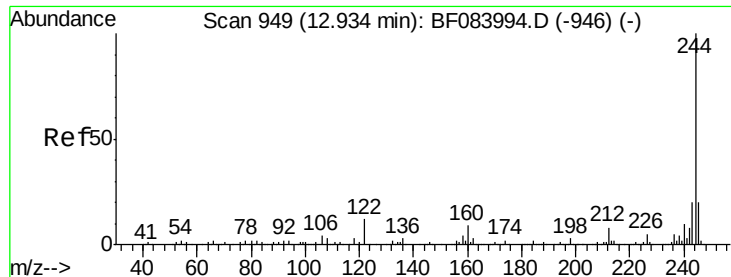
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	25.6	20.6	31.0



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

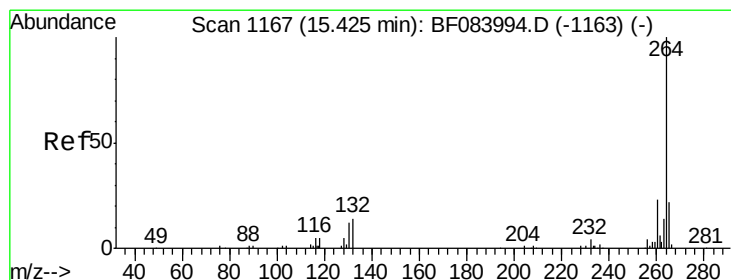
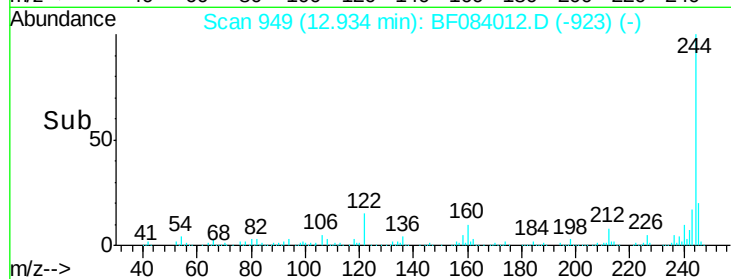
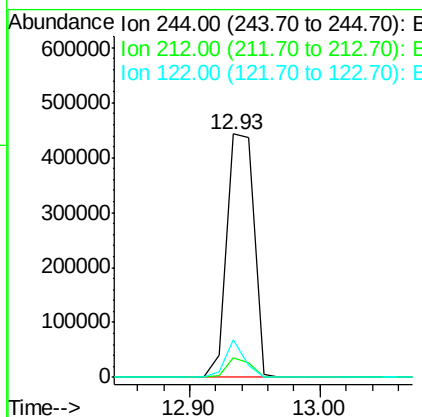
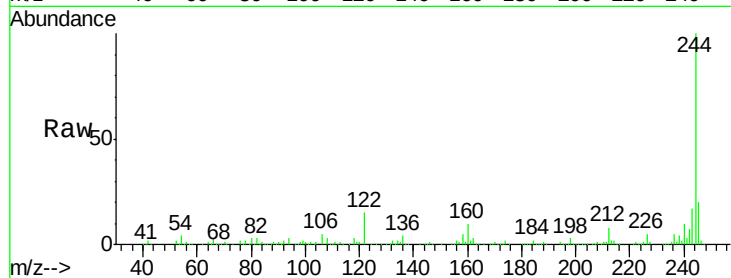




#78
 Terphenyl-d14
 Concen: 88.16 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084012.D
 Acq: 23 Dec 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP219BRV110

Tot Ion:244 Resp: 635147
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 15.2 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF084012.D
 Acq: 23 Dec 2015 2:25

Tgt Ion:264 Resp: 151437
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.8 17.8 26.6

