

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084013.D
 Acq On : 23 Dec 2015 2:53
 Operator : UM/SJ
 Sample : G4916-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5

Quant Time: Dec 23 03:25:43 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	43141	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	174305	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	83911	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	163002	20.00	ng	0.00
75) Chrysene-d12	13.99	240	168155	20.00	ng	-0.01
86) Perylene-d12	15.41	264	142464	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	182635	72.18	ng	0.01
7) Phenol-d6	6.48	99	138030	46.40	ng	0.00
23) Nitrobenzene-d5	7.39	82	254870	89.83	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	140276	173.80	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	634216	101.72	ng	0.00
78) Terphenyl-d14	12.93	244	656737	93.14	ng	0.00

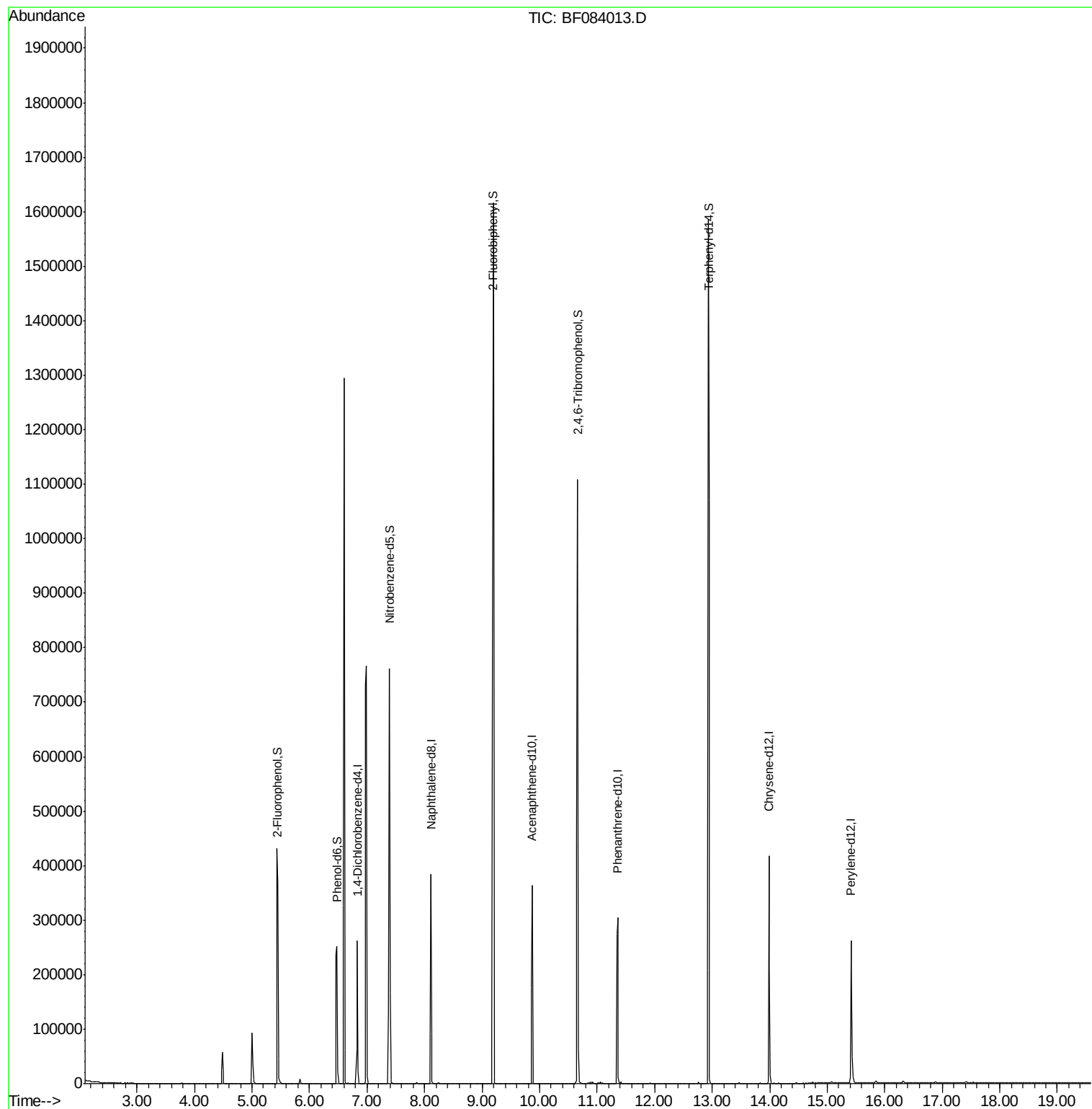
Target Compounds Qvalue

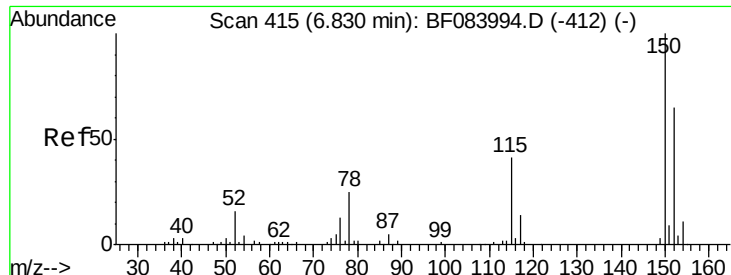
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084013.D

Acq: 23 Dec 2015 2:53

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5

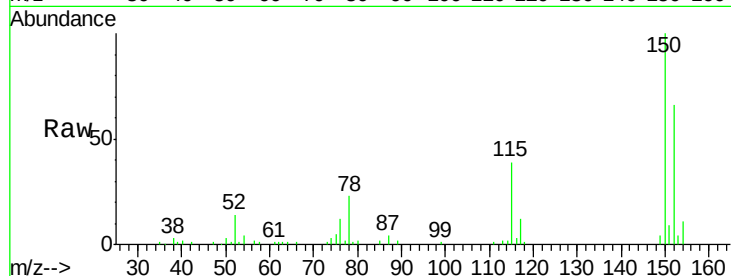
Tot Ion:152 Resp: 43141

Ion Ratio Lower Upper

152 100

150 151.3 123.0 184.4

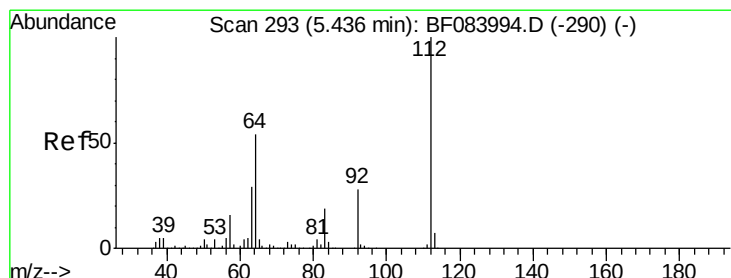
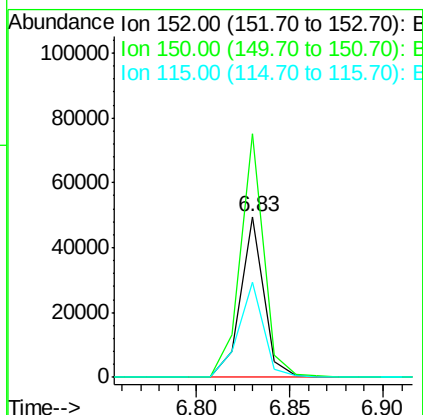
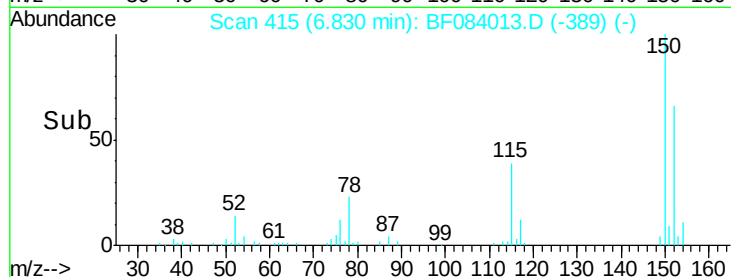
115 59.2 51.4 77.2



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: 72.18 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084013.D

Acq: 23 Dec 2015 2:53

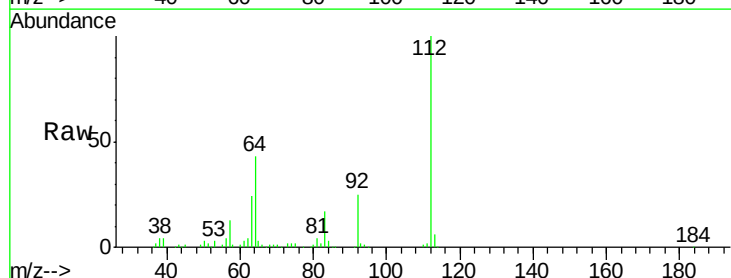
Tgt Ion:112 Resp: 182635

Ion Ratio Lower Upper

112 100

64 43.5 36.6 55.0

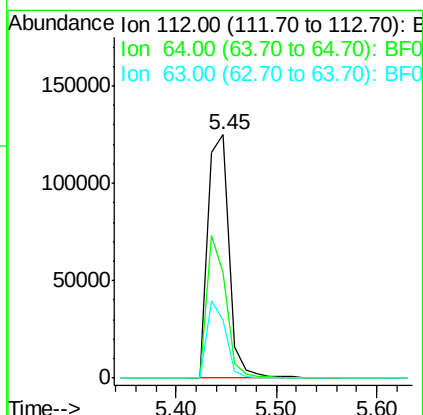
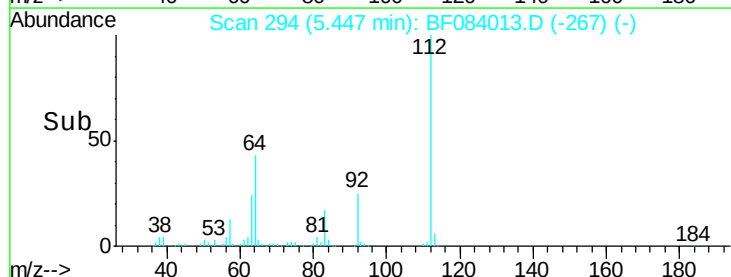
63 24.0 19.4 29.0

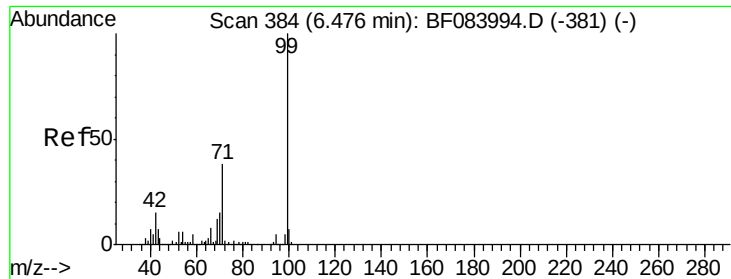


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.40 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084013.D

Acq: 23 Dec 2015 2:53

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5

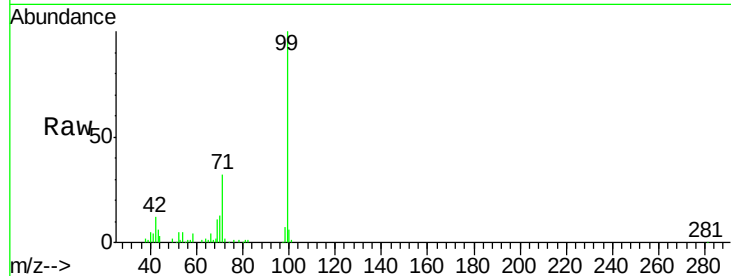
Tot Ion: 99 Resp: 138030

Ion Ratio Lower Upper

99 100

42 11.9 12.8 19.2#

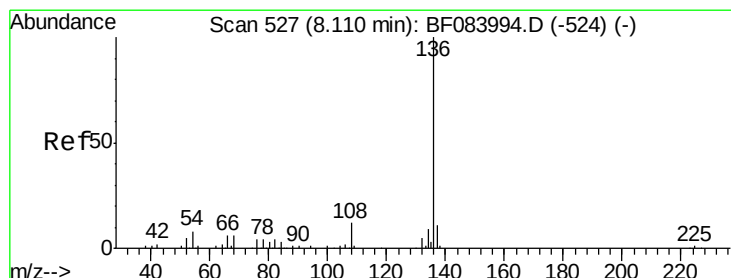
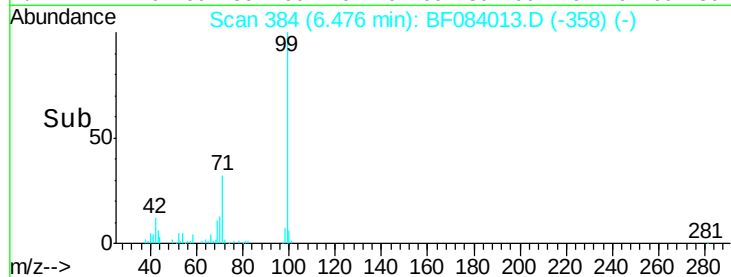
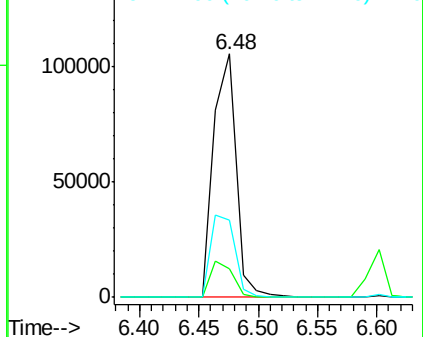
71 31.9 30.9 46.3



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: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084013.D

Acq: 23 Dec 2015 2:53

Tgt Ion: 136 Resp: 174305

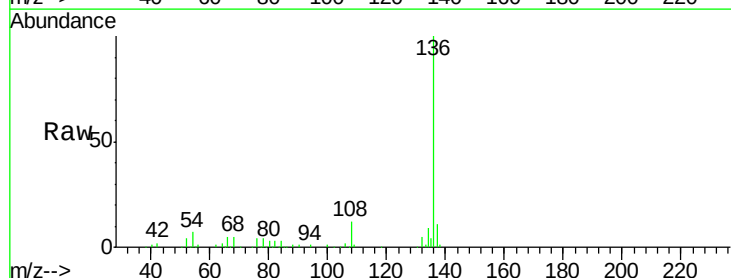
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.7 5.8 8.8

68 4.7 4.2 6.2

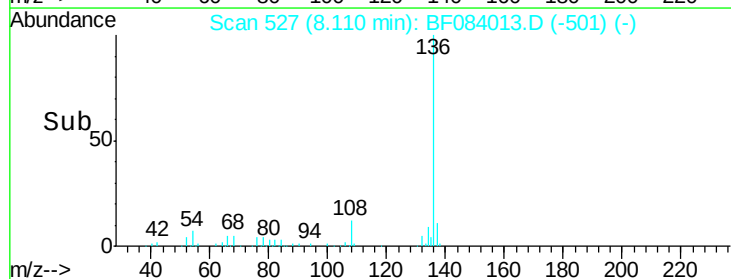
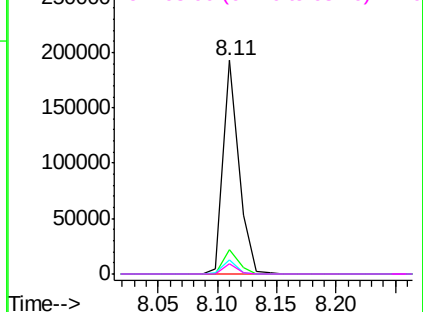


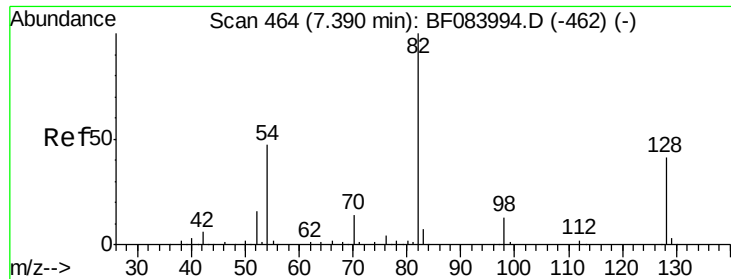
Abundance Ion 136.00 (135.70 to 136.70): E

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

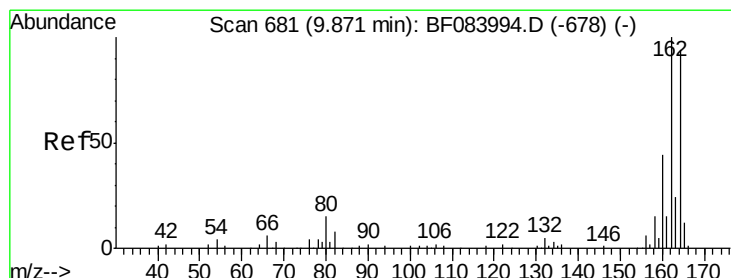
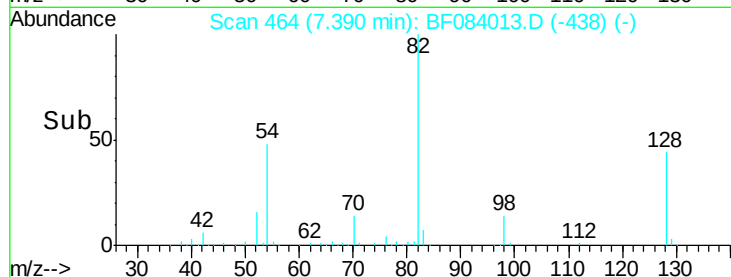
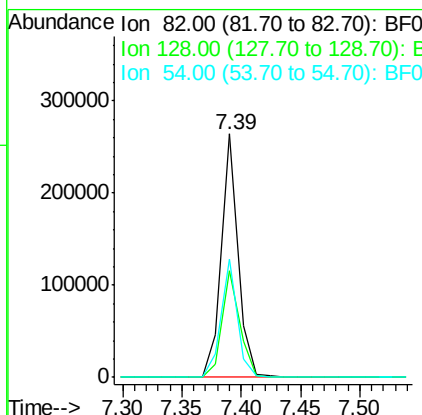
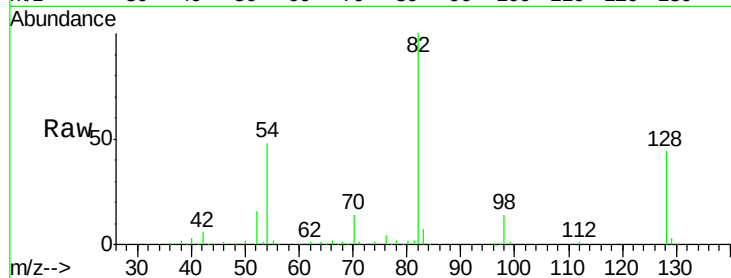




#23
 Nitrobenzene-d5
 Concen: 89.83 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084013.D
 Acq: 23 Dec 2015 2:53

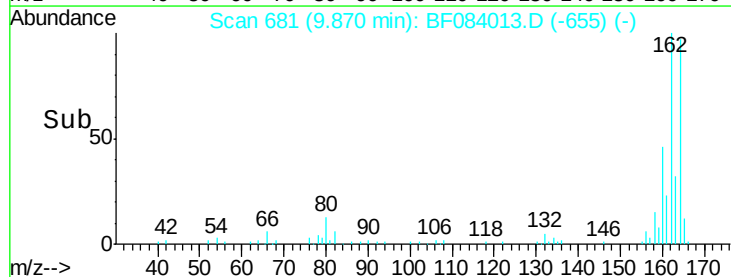
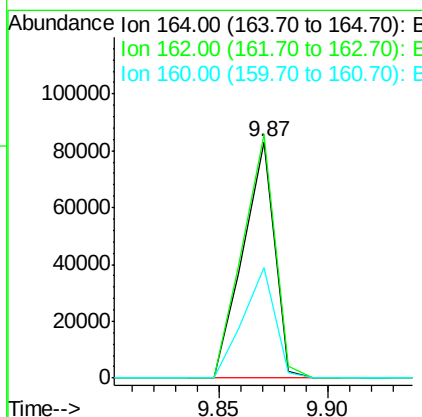
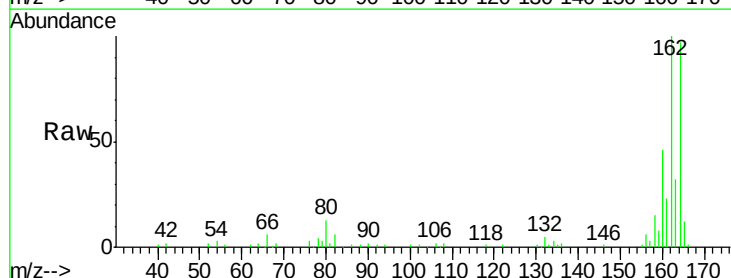
Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5

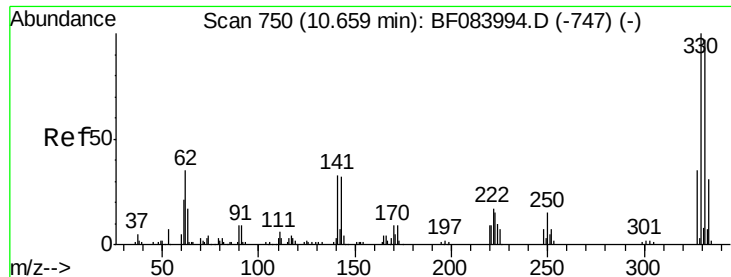
Tot Ion	82	Resp	254870
Ion Ratio	100	Lower	Upper
128	43.9	34.6	51.8
54	48.4	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF084013.D
 Acq: 23 Dec 2015 2:53

Tgt Ion	164	Resp	83911
Ion Ratio	100	Lower	Upper
162	103.0	85.1	127.7
160	47.0	37.5	56.3

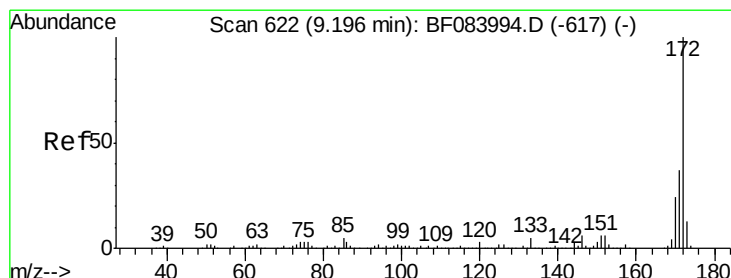
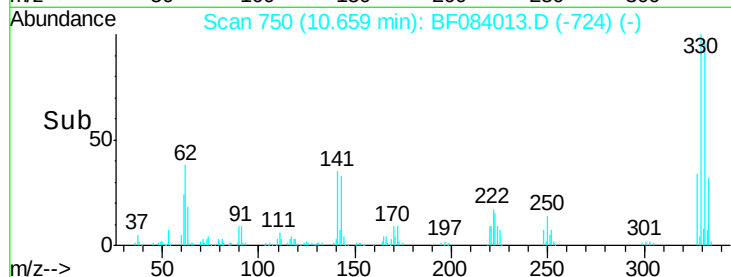
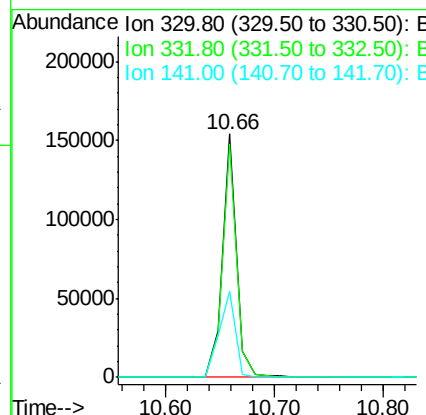
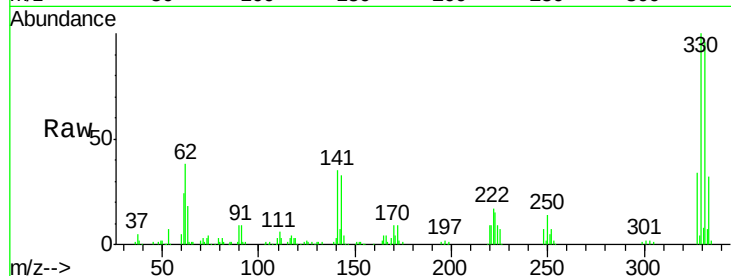




#41
 2,4,6-Tribromophenol
 Concen: 173.80 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084013.D
 Acq: 23 Dec 2015 2:53

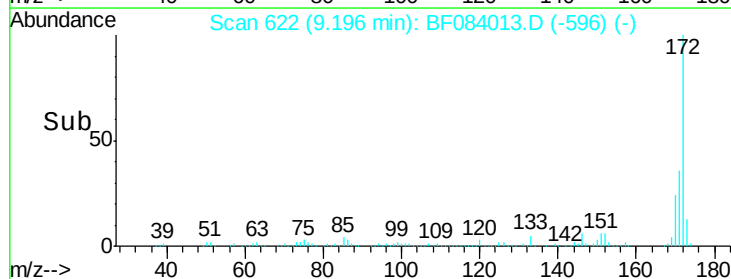
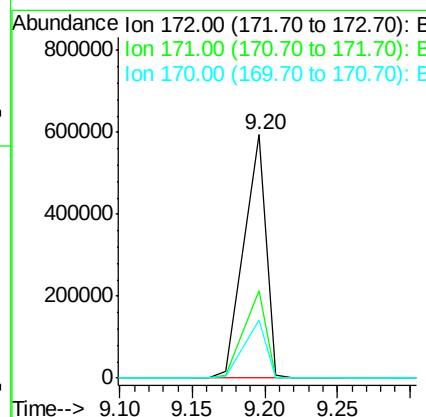
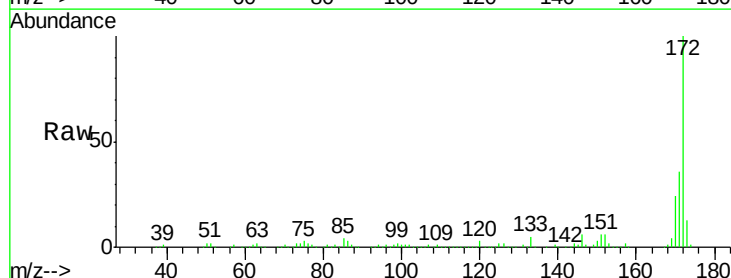
Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5

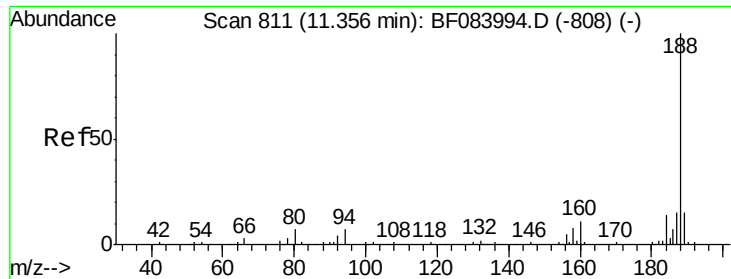
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	41.0	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 101.72 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084013.D
 Acq: 23 Dec 2015 2:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.9	18.6	27.8

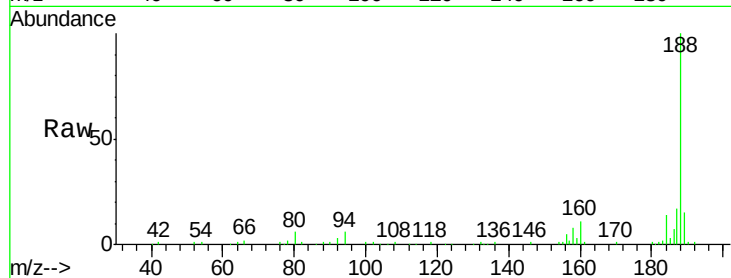




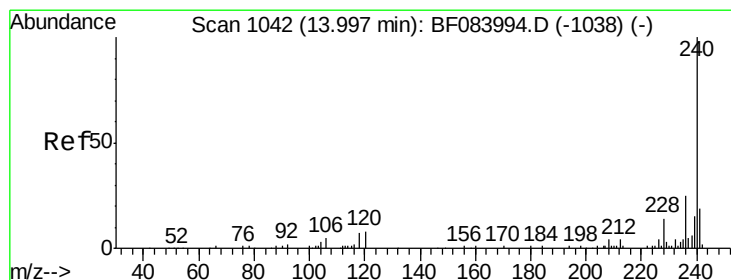
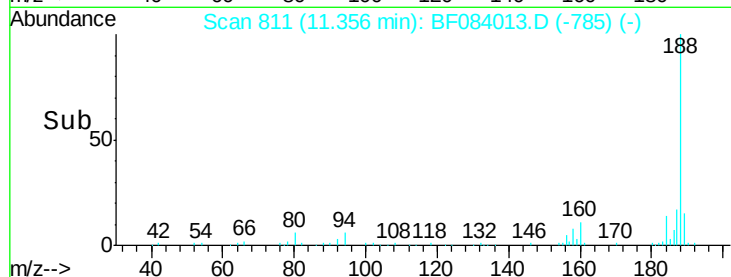
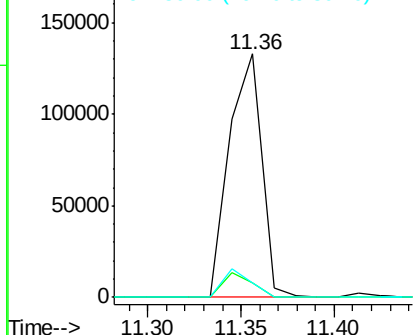
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084013.D
Acq: 23 Dec 2015 2:53

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.0	13.4#
80	5.8	9.6	14.4#

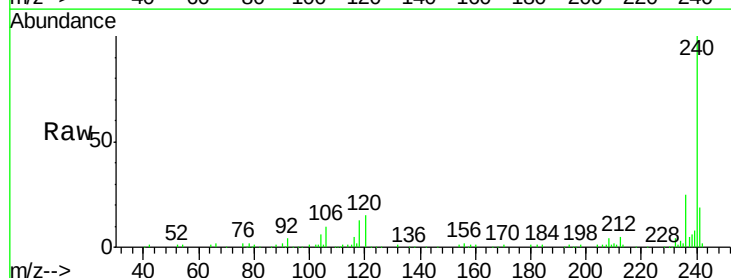


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

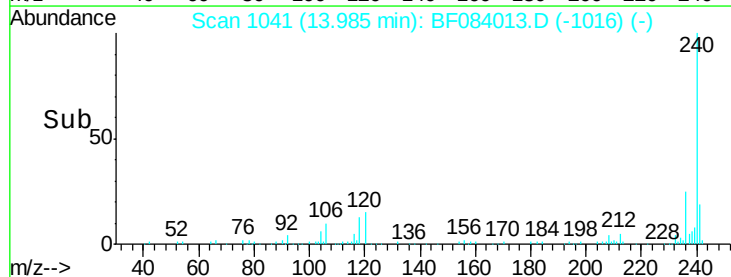
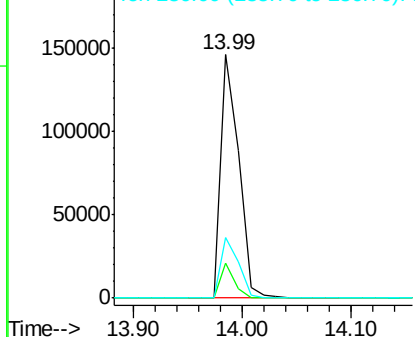


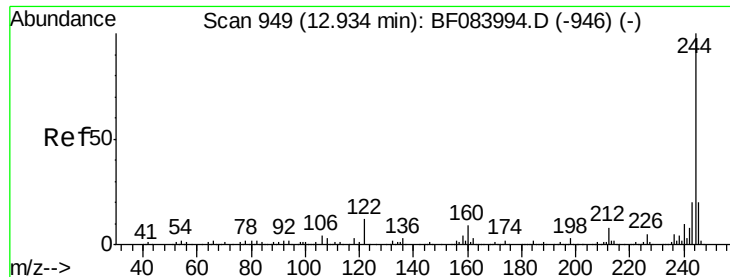
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084013.D
Acq: 23 Dec 2015 2:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	24.9	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: 93.14 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084013.D

Acq: 23 Dec 2015 2:53

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5

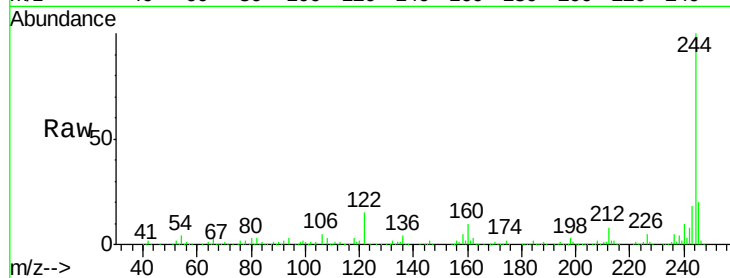
Tot Ion:244 Resp: 656737

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

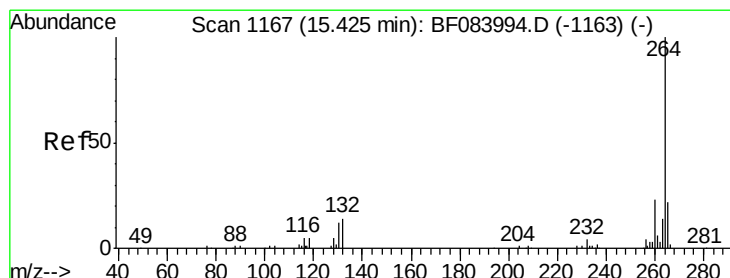
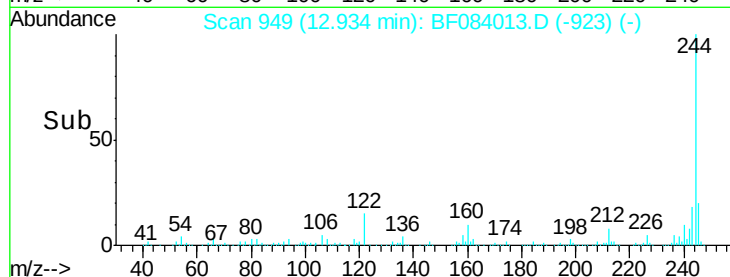
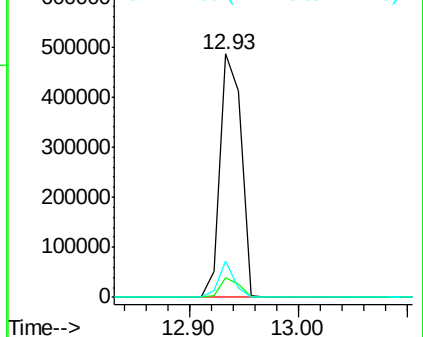
122 15.1 7.4 11.0#



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: 15.41 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF084013.D

Acq: 23 Dec 2015 2:53

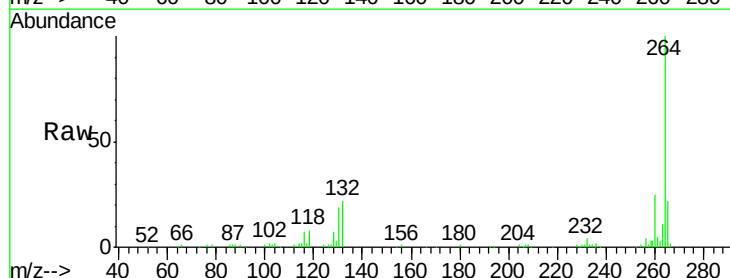
Tgt Ion:264 Resp: 142464

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

265 21.7 17.8 26.6



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

