

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084010.D
 Acq On : 23 Dec 2015 1:29
 Operator : UM/SJ
 Sample : G4916-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP220BRV136.5

Quant Time: Dec 23 02:53:18 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	44835	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	181179	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	88469	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	168861	20.00	ng	0.00
75) Chrysene-d12	13.99	240	177543	20.00	ng	-0.01
86) Perylene-d12	15.41	264	155992	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	167487	63.69	ng	0.01
7) Phenol-d6	6.48	99	144679	46.79	ng	0.00
23) Nitrobenzene-d5	7.39	82	260821	88.44	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	134723	158.32	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	616402	93.77	ng	0.00
78) Terphenyl-d14	12.93	244	578678	77.73	ng	0.00

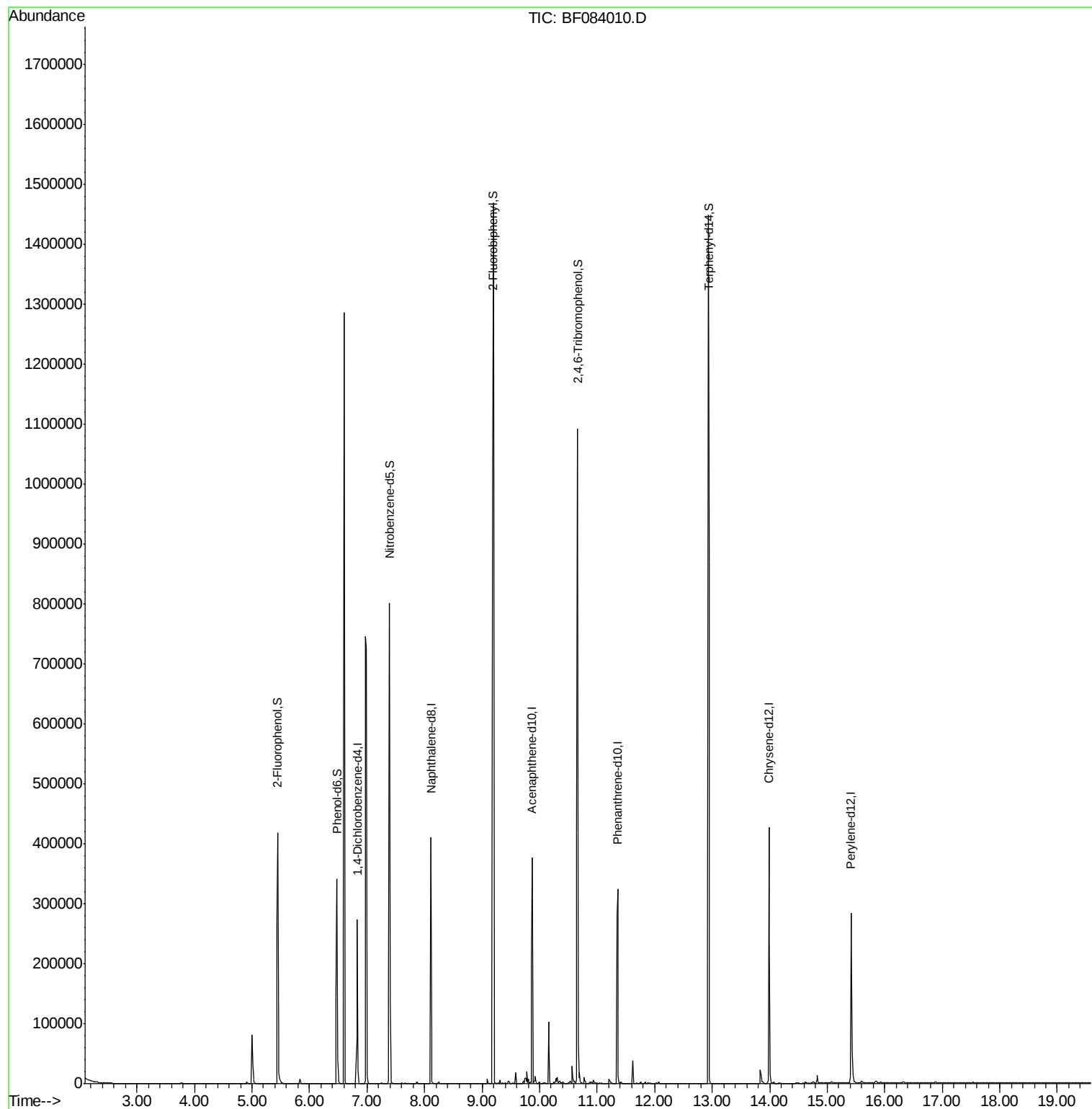
Target Compounds Qvalue

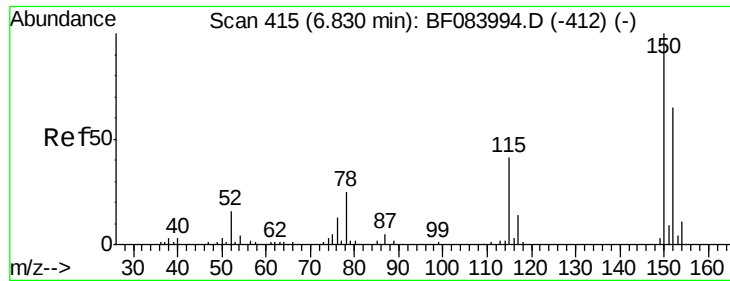
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084010.D

Acq: 23 Dec 2015 1:29

Instrument :

BNA_F

ClientSampleId :

20151214MGP220BRV136.5

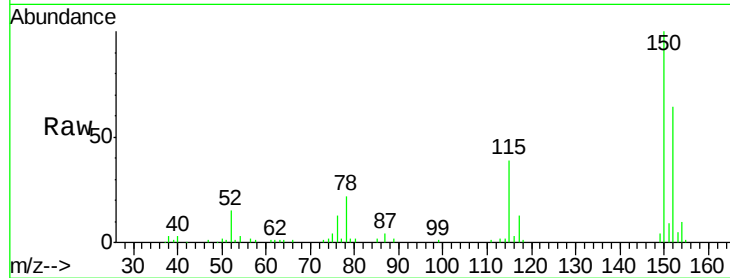
Tot Ion:152 Resp: 44835

Ion Ratio Lower Upper

152 100

150 156.1 123.0 184.4

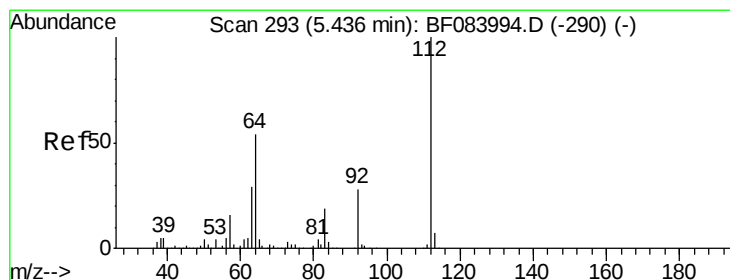
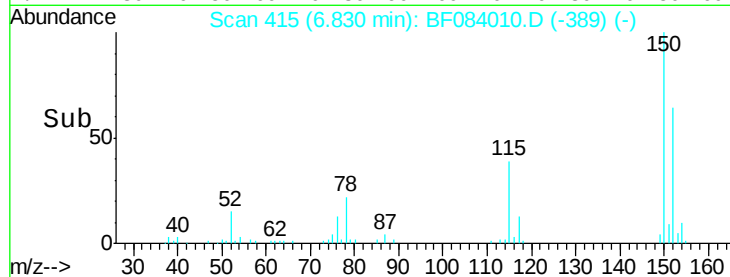
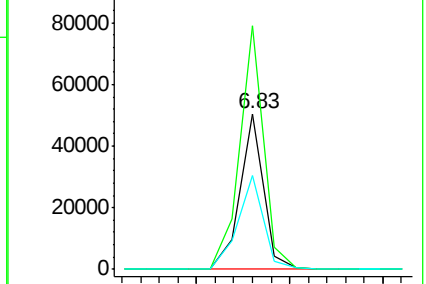
115 60.3 51.4 77.2



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: 63.69 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084010.D

Acq: 23 Dec 2015 1:29

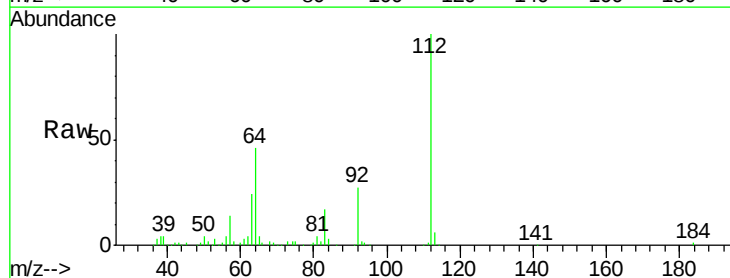
Tgt Ion:112 Resp: 167487

Ion Ratio Lower Upper

112 100

64 46.4 36.6 55.0

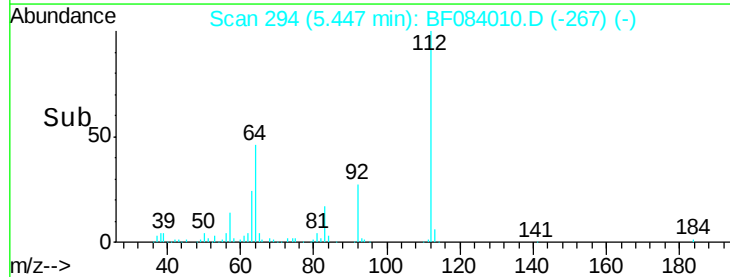
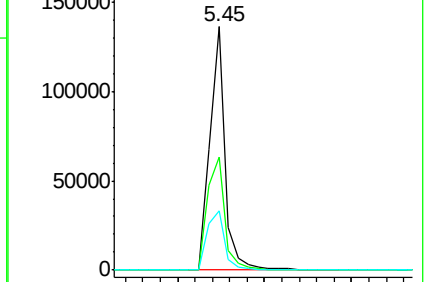
63 24.4 19.4 29.0

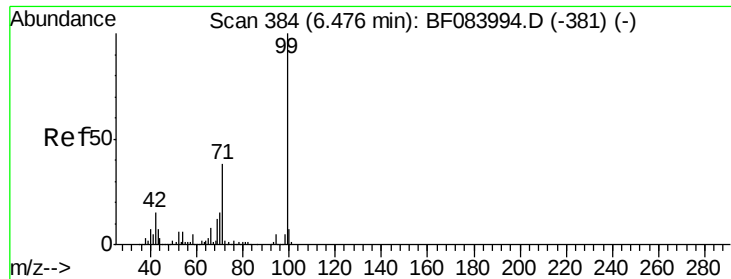


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.79 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084010.D

Acq: 23 Dec 2015 1:29

Instrument :

BNA_F

ClientSampleId :

20151214MGP220BRV136.5

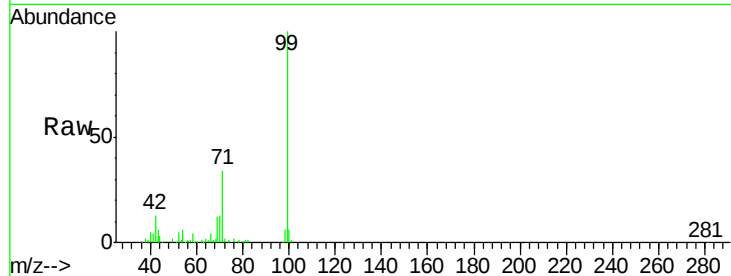
Tot Ion: 99 Resp: 144679

Ion Ratio Lower Upper

99 100

42 12.5 12.8 19.2#

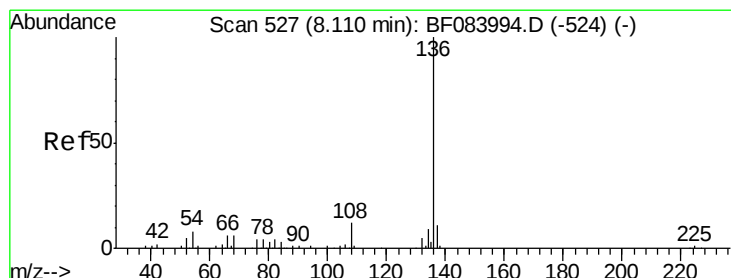
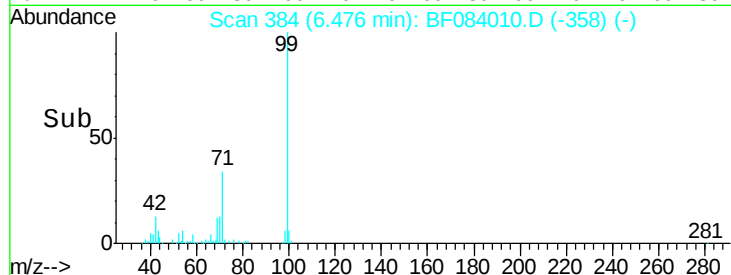
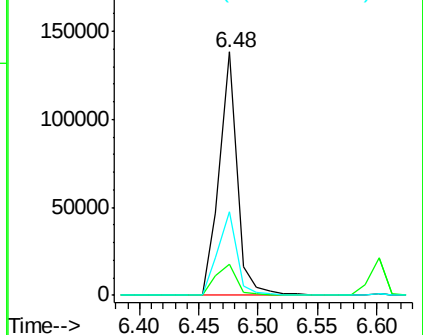
71 34.1 30.9 46.3



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: BF084010.D

Acq: 23 Dec 2015 1:29

Tgt Ion: 136 Resp: 181179

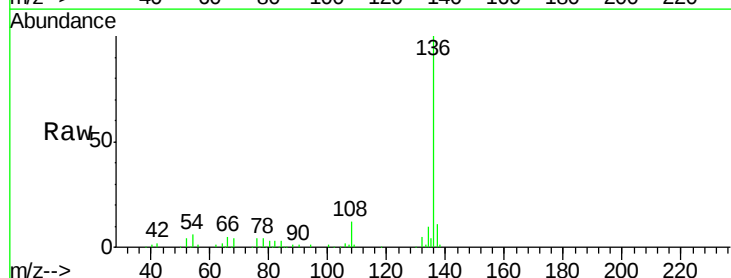
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.4 5.8 8.8

68 4.4 4.2 6.2

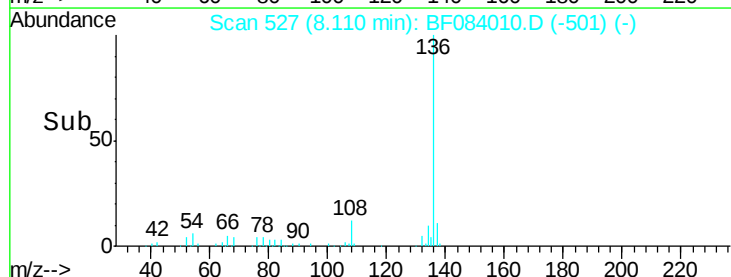
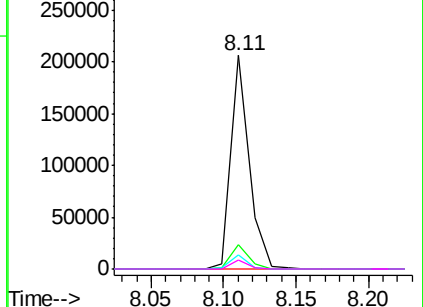


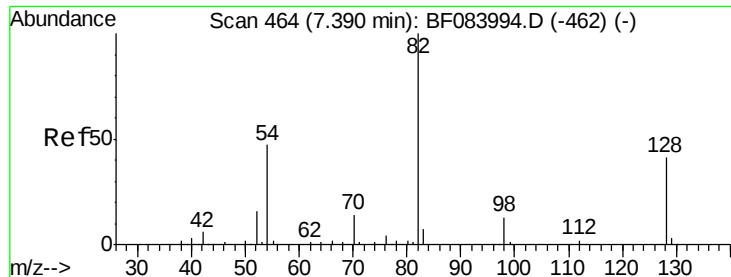
Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.44 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084010.D

Acq: 23 Dec 2015 1:29

Instrument :

BNA_F

ClientSampleId :

20151214MGP220BRV136.5

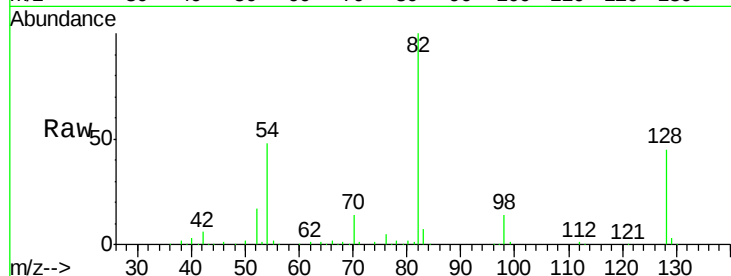
Tot Ion: 82 Resp: 260821

Ion Ratio Lower Upper

82 100

128 44.8 34.6 51.8

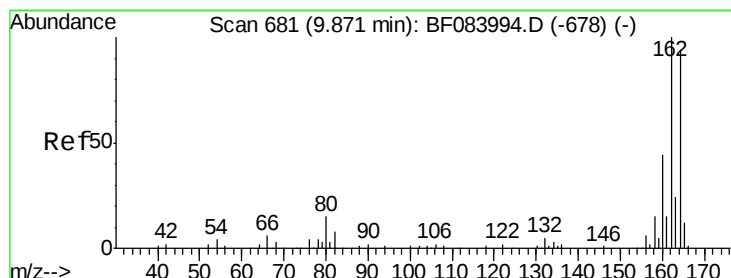
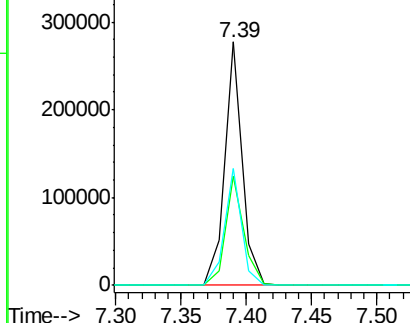
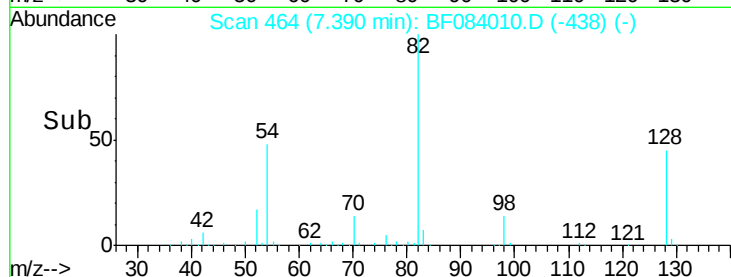
54 48.0 38.4 57.6



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: BF084010.D

Acq: 23 Dec 2015 1:29

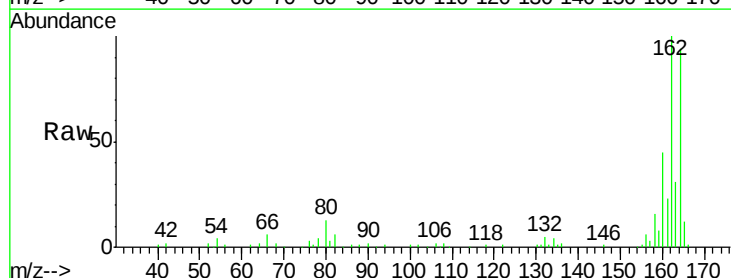
Tgt Ion: 164 Resp: 88469

Ion Ratio Lower Upper

164 100

162 105.8 85.1 127.7

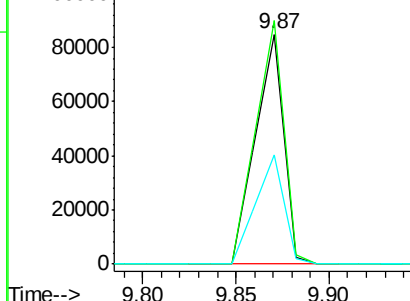
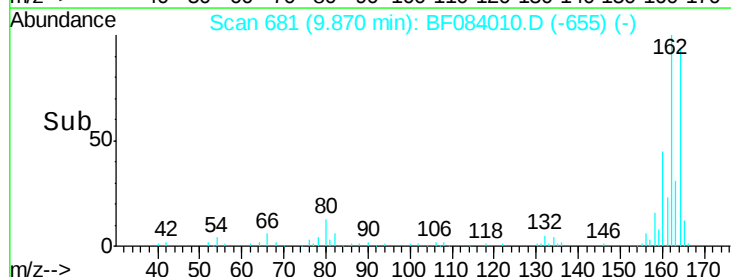
160 47.4 37.5 56.3

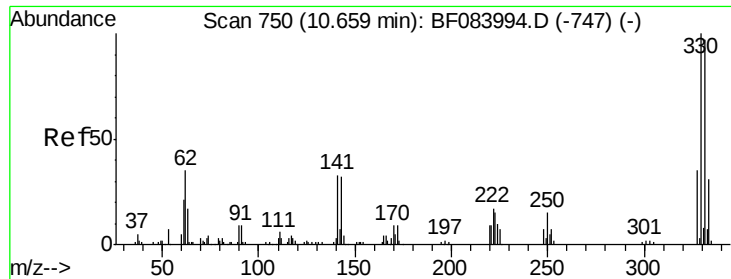


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

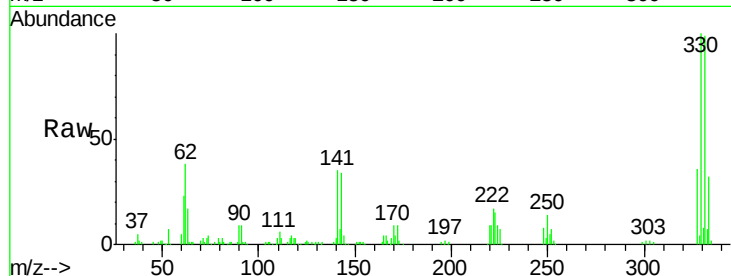




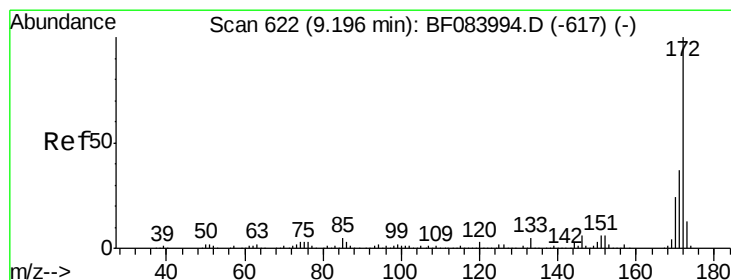
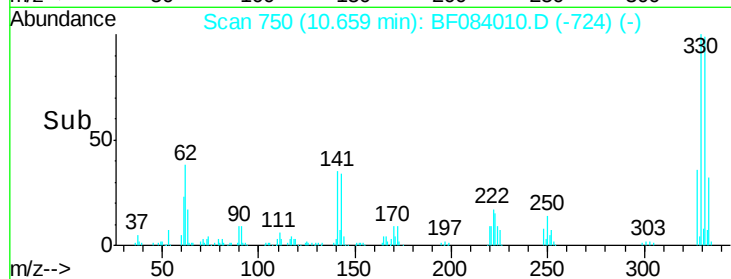
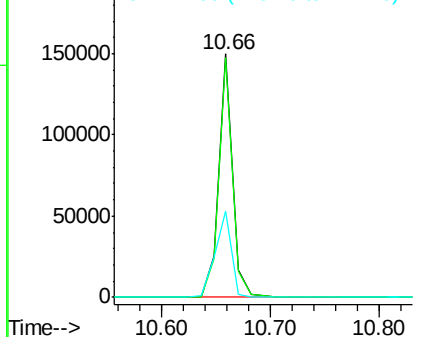
#41
 2,4,6-Tribromophenol
 Concen: 158.32 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084010.D
 Acq: 23 Dec 2015 1:29

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP220BRV136.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.6	114.8
141	41.3	27.8	41.6

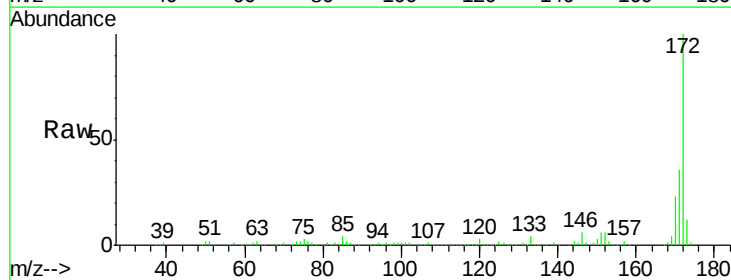


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

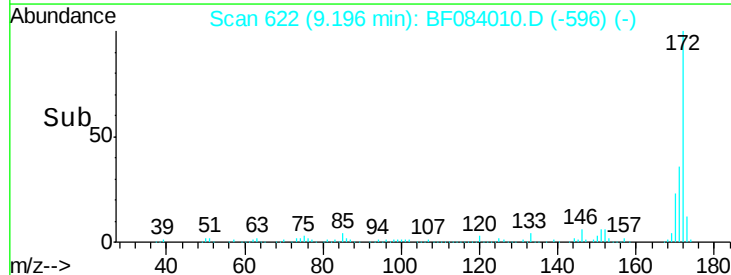
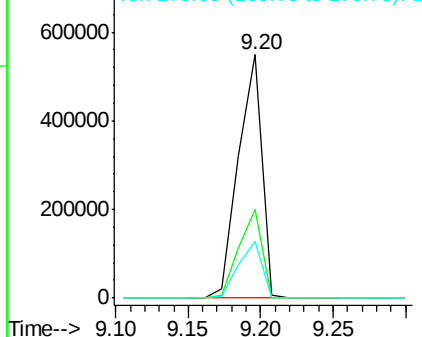


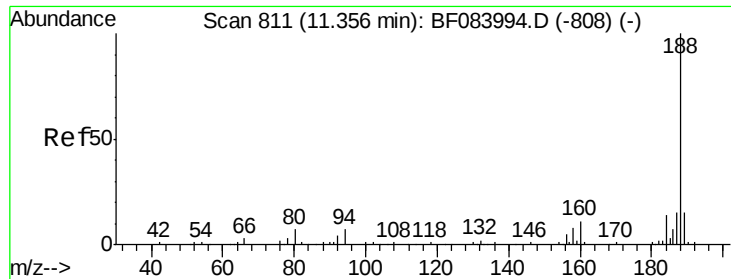
#44
 2-Fluorobiphenyl
 Concen: 93.77 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084010.D
 Acq: 23 Dec 2015 1:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	23.4	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

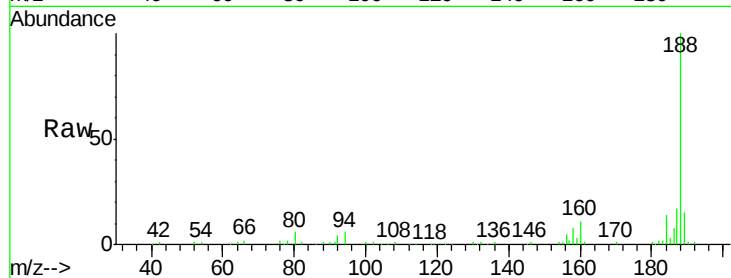




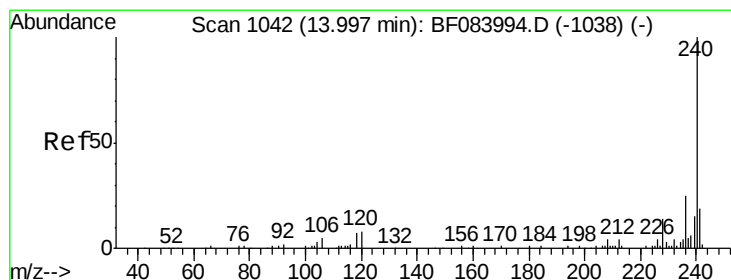
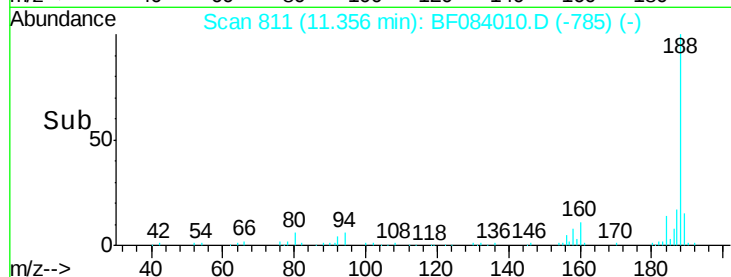
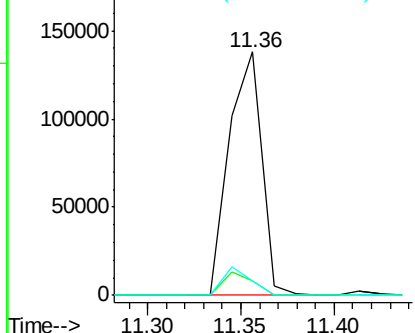
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Instrument :
BNA_F
ClientSampleId :
20151214MGP220BRV136.5

Tot Ion:188 Resp: 168861
Ion Ratio Lower Upper
188 100
94 6.1 9.0 13.4#
80 6.1 9.6 14.4#

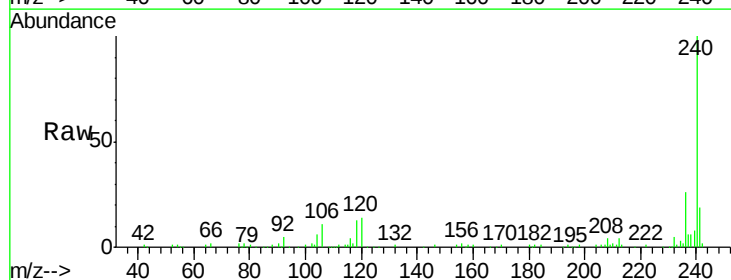


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

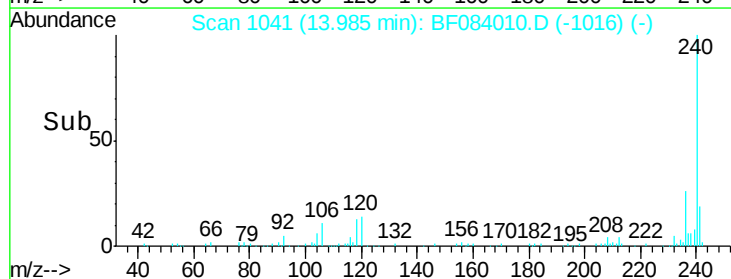
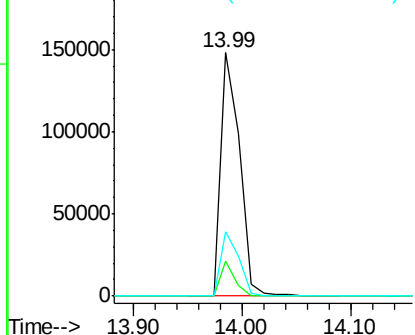


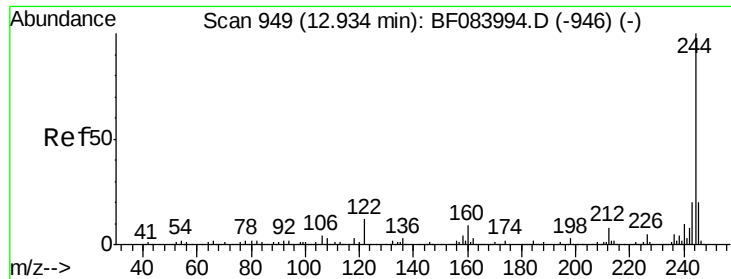
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Tgt Ion:240 Resp: 177543
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3#
236 26.3 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

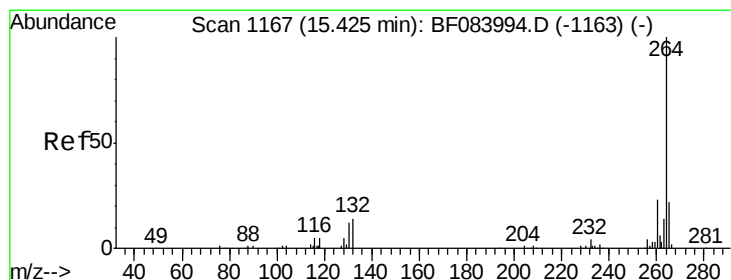
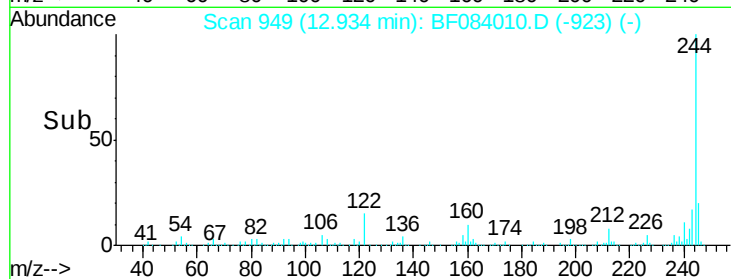
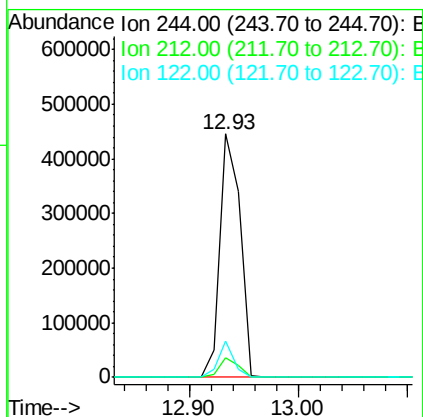
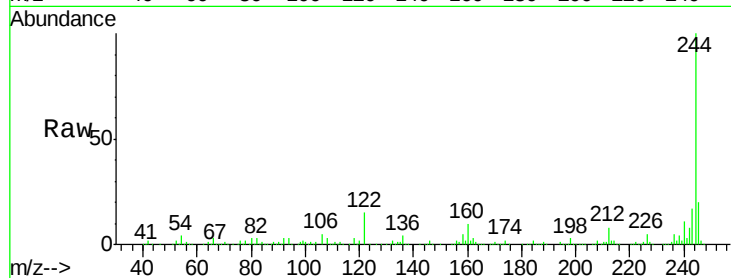




#78
 Terphenyl-d14
 Concen: 77.73 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084010.D
 Acq: 23 Dec 2015 1:29

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP220BRV136.5

Tot Ion:244 Resp: 578678
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 14.8 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: BF084010.D
 Acq: 23 Dec 2015 1:29

Tgt Ion:264 Resp: 155992
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.6 17.8 26.6

