

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083712.D
 Acq On : 11 Dec 2015 23:19
 Operator : UM/IZ
 Sample : PB87230BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87230BL

Quant Time: Dec 12 02:51:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 19:24:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	137289	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	504251	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	251561	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	434366	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	338808	20.00	ng	-0.01
86) Perylene-d12	15.51	264	238921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	961847	107.90	ng	0.01
7) Phenol-d6	6.54	99	1018714	92.53	ng	0.00
23) Nitrobenzene-d5	7.48	82	700199	94.17	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	280854	115.34	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1319132	77.24	ng	0.00
78) Terphenyl-d14	13.03	244	1203550	79.77	ng	0.00

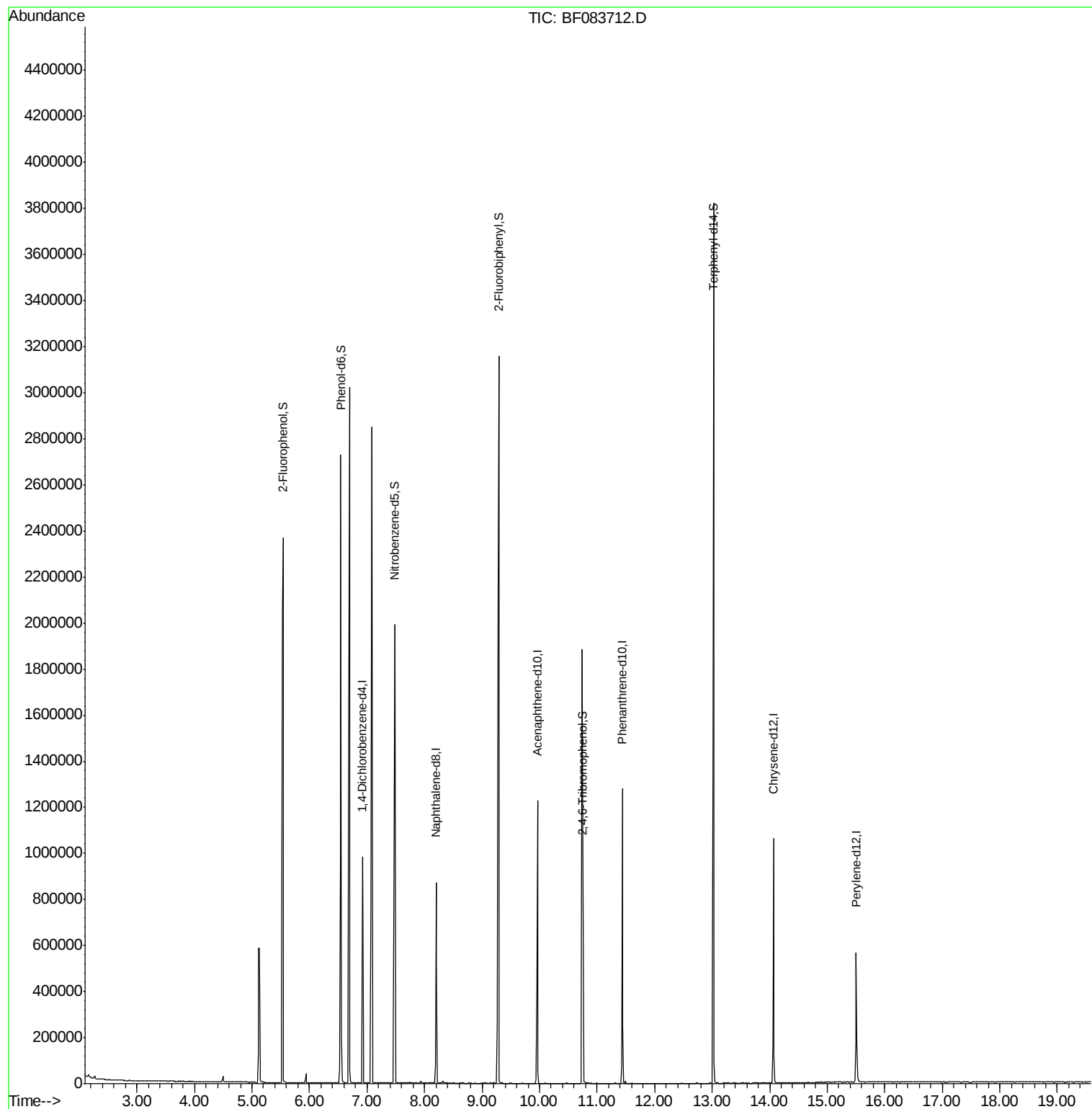
Target Compounds Qvalue

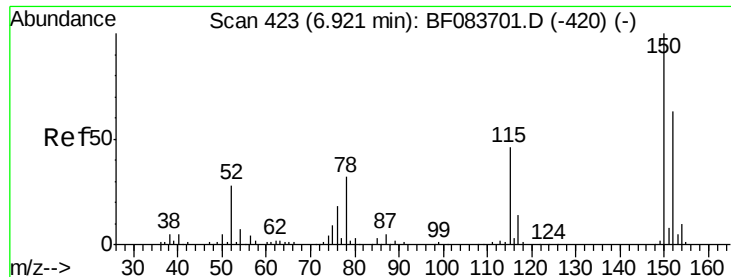
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083712.D
Acq On : 11 Dec 2015 23:19
Operator : UM/IZ
Sample : PB87230BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87230BL

Quant Time: Dec 12 02:51:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 19:24:37 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: BF083712.D

Acq: 11 Dec 2015 23:19

Instrument :

BNA_F

ClientSampleId :

PB87230BL

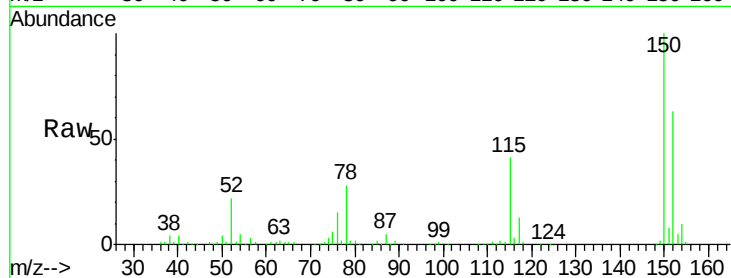
Tot Ion:152 Resp: 137289

Ion Ratio Lower Upper

152 100

150 158.2 126.5 189.7

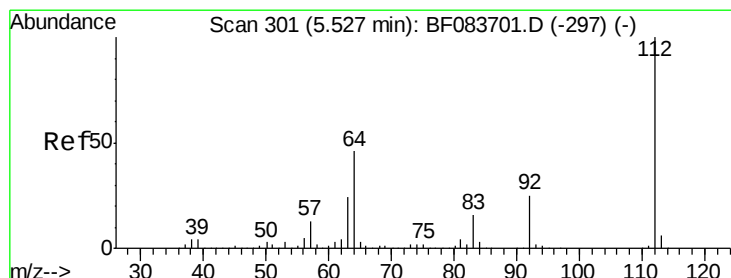
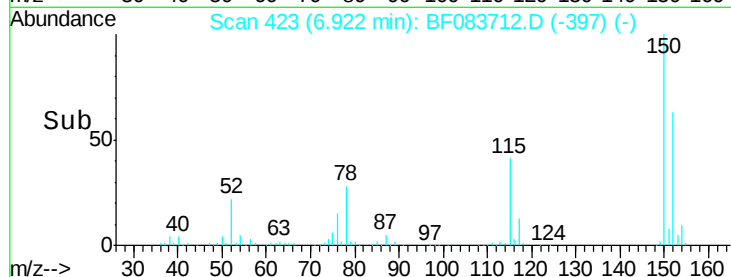
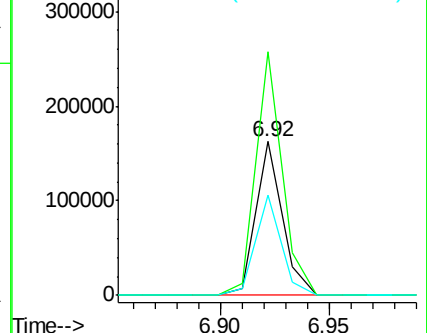
115 65.2 52.3 78.5



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: 107.90 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083712.D

Acq: 11 Dec 2015 23:19

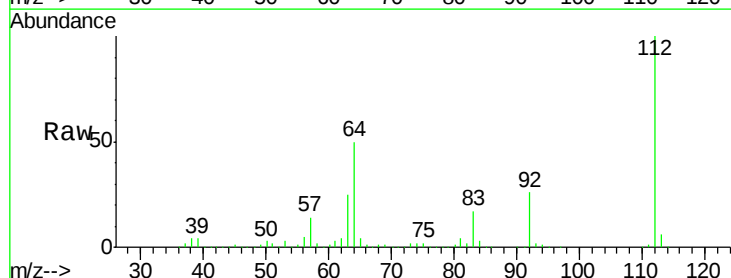
Tgt Ion:112 Resp: 961847

Ion Ratio Lower Upper

112 100

64 49.6 50.5 75.7#

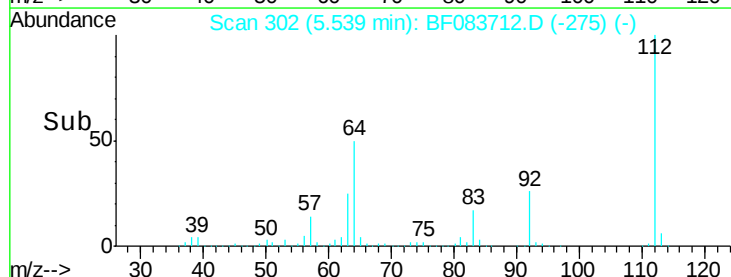
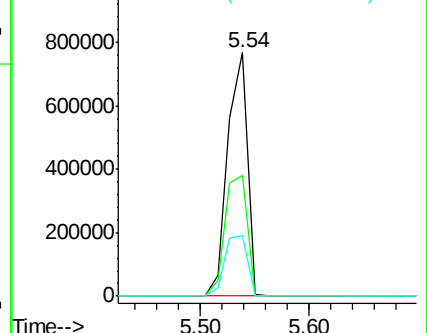
63 25.1 25.8 38.6#

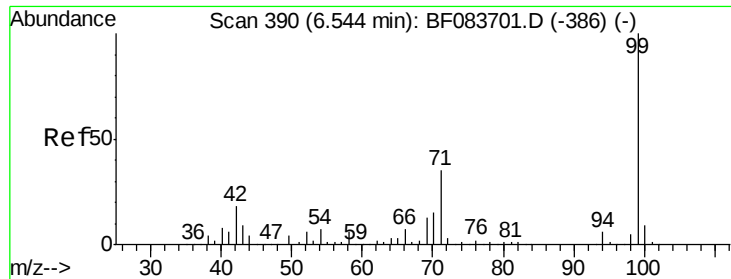


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.53 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083712.D

Acq: 11 Dec 2015 23:19

Instrument :

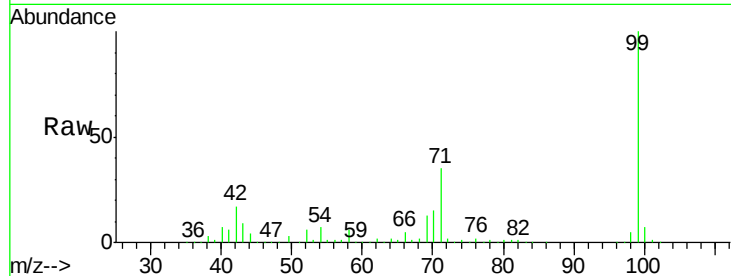
BNA_F

ClientSampleId :

PB87230BL

Tot Ion: 99 Resp: 1018714

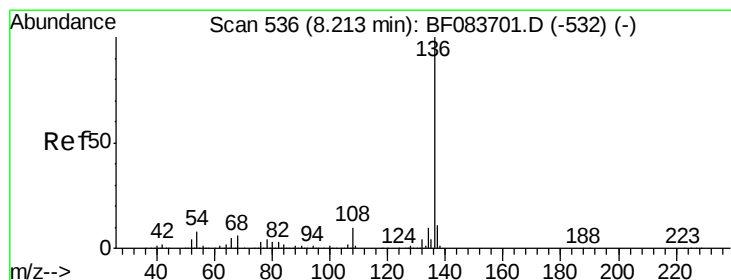
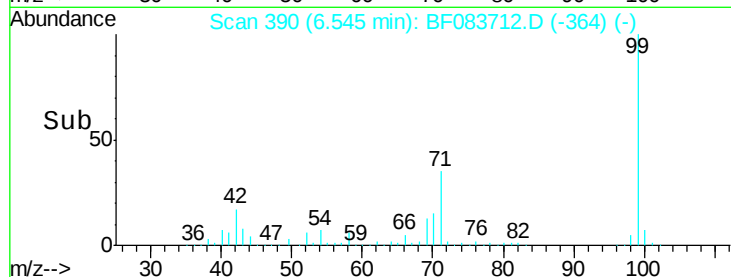
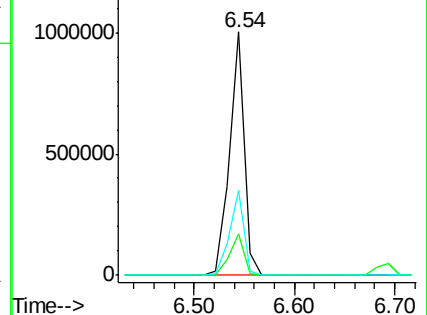
Ion	Ratio	Lower	Upper
99	100		
42	17.0	17.3	25.9#
71	35.0	26.6	40.0



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: 8.20 min Scan# 535

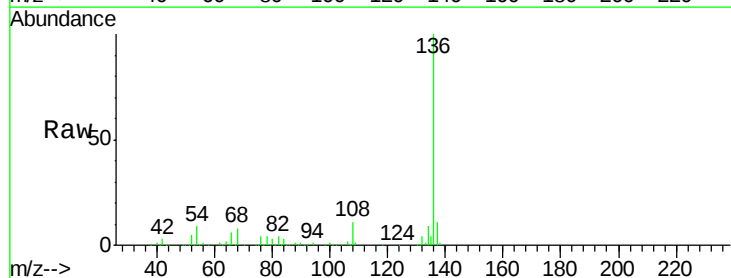
Delta R.T. -0.01 min

Lab File: BF083712.D

Acq: 11 Dec 2015 23:19

Tgt Ion: 136 Resp: 504251

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	9.4	7.8	11.6
68	7.5	5.7	8.5

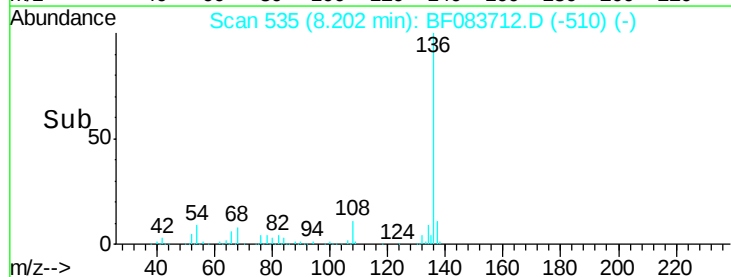
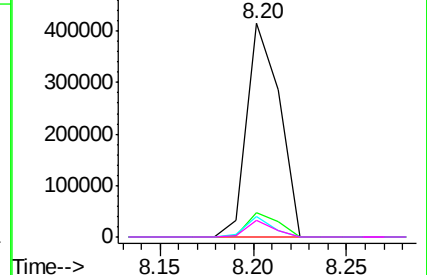


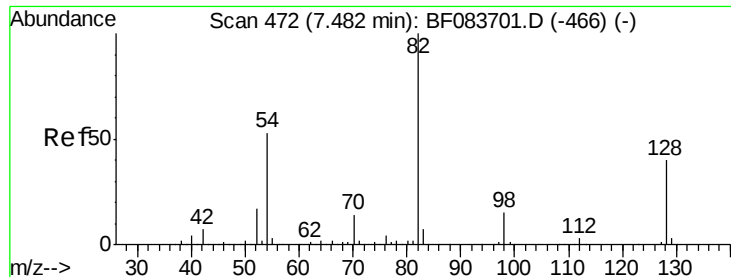
Abundance Ion 136.00 (135.70 to 136.70): E

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

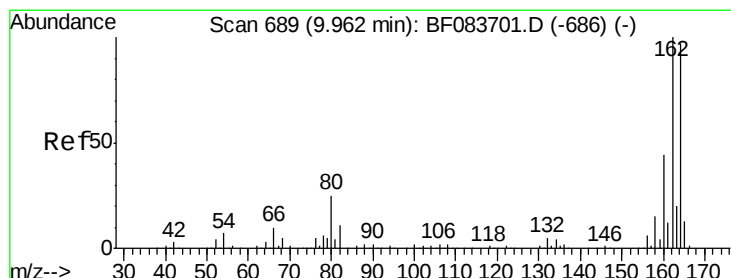
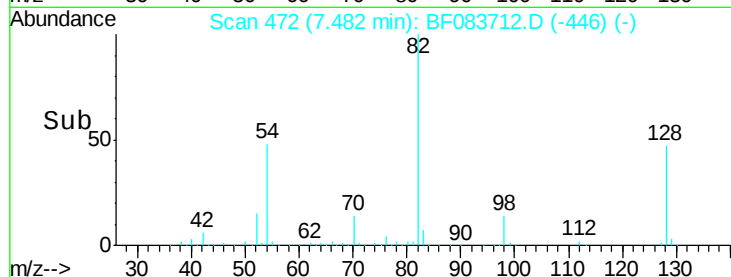
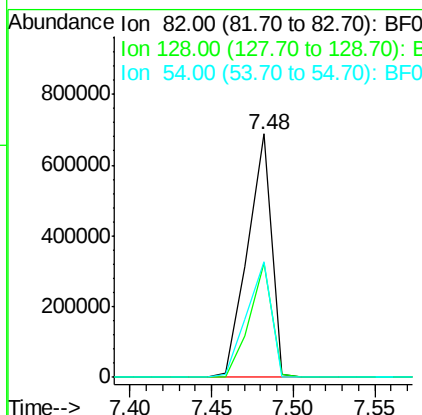
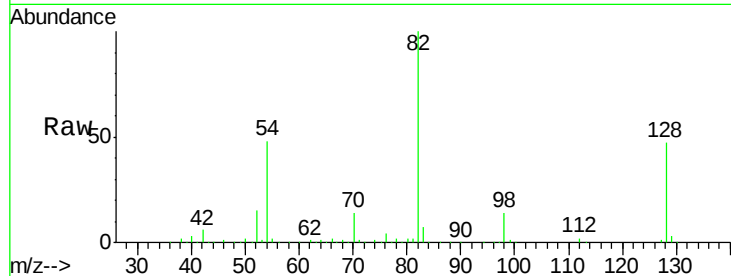




#23
 Nitrobenzene-d5
 Concen: 94.17 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083712.D
 Acq: 11 Dec 2015 23:19

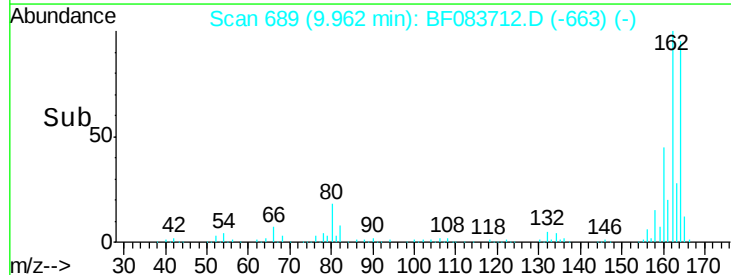
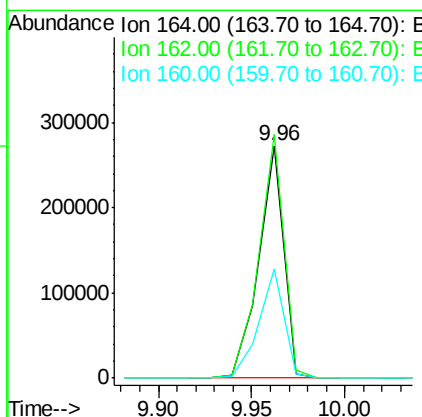
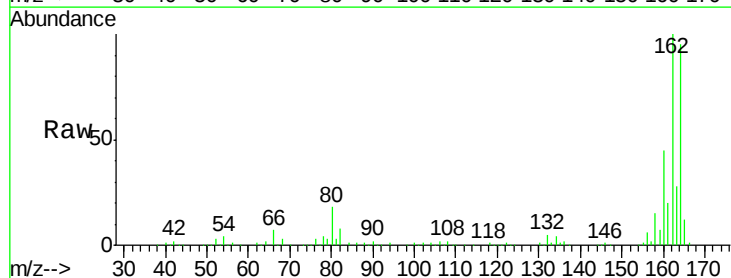
Instrument :
 BNA_F
 ClientSampleId :
 PB87230BL

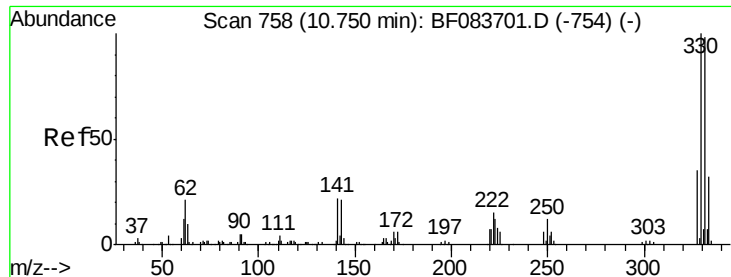
Tot Ion	82	Resp	700199
Ion Ratio	100	Lower	Upper
128	47.2	30.7	46.1#
54	47.5	42.5	63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF083712.D
 Acq: 11 Dec 2015 23:19

Tgt Ion	164	Resp	251561
Ion Ratio	100	Lower	Upper
162	104.8	78.8	118.2
160	47.0	33.4	50.2

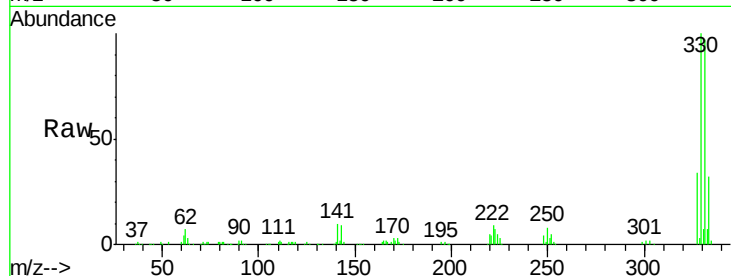




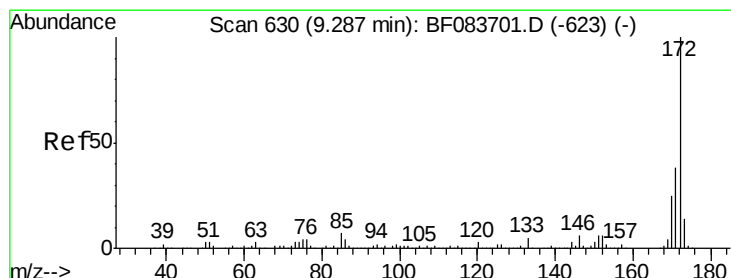
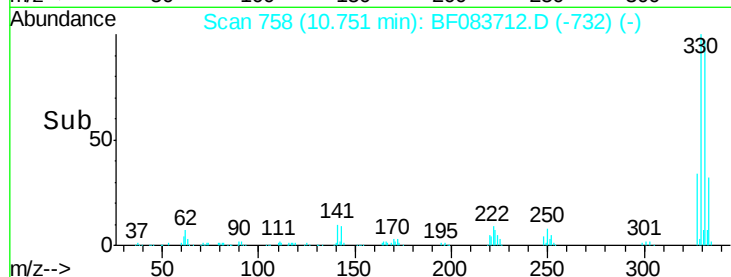
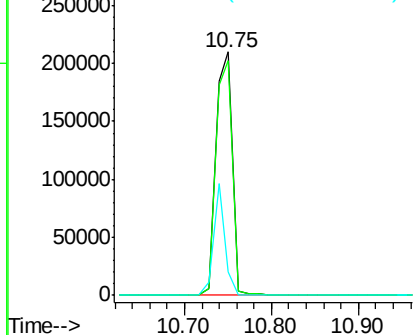
#41
 2,4,6-Tribromophenol
 Concen: 115.34 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF083712.D
 Acq: 11 Dec 2015 23:19

Instrument :
 BNA_F
 ClientSampled :
 PB87230BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	31.6	0.0	0.0#

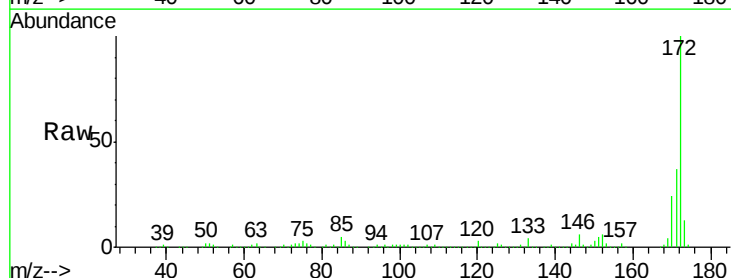


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

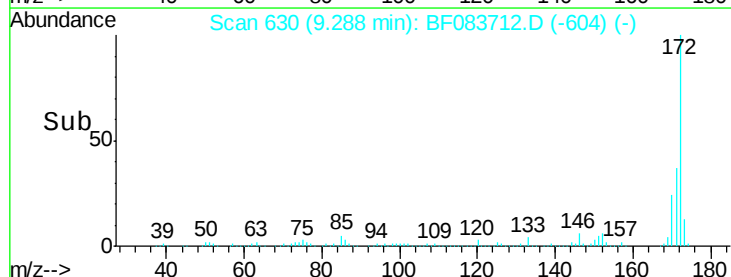
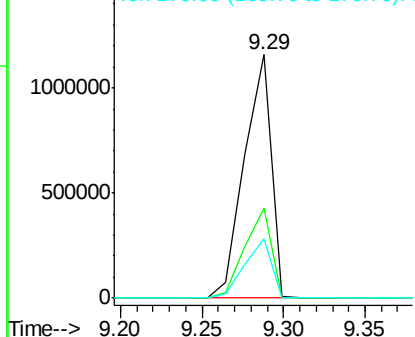


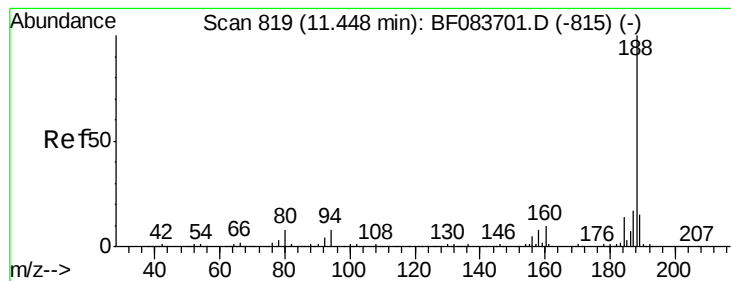
#44
 2-Fluorobiphenyl
 Concen: 77.24 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083712.D
 Acq: 11 Dec 2015 23:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	42.8
170	24.4	19.4	29.0



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: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF083712.D

Acq: 11 Dec 2015 23:19

Instrument :

BNA_F

ClientSampleId :

PB87230BL

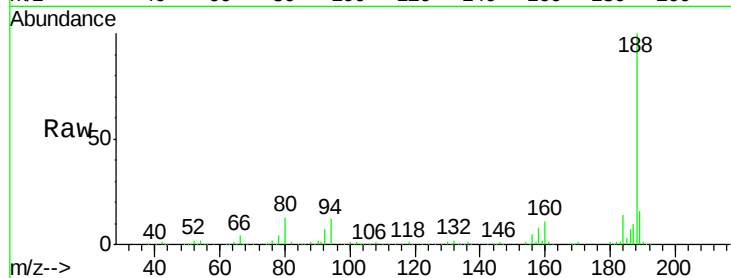
Tot Ion:188 Resp: 434366

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.2

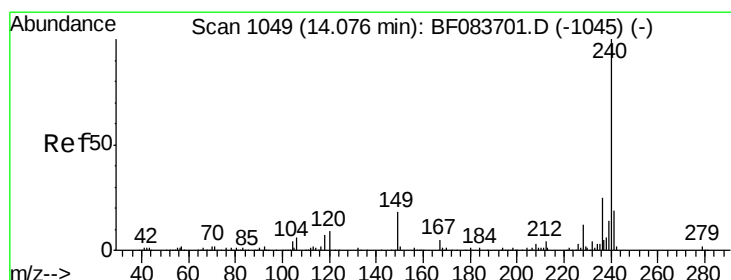
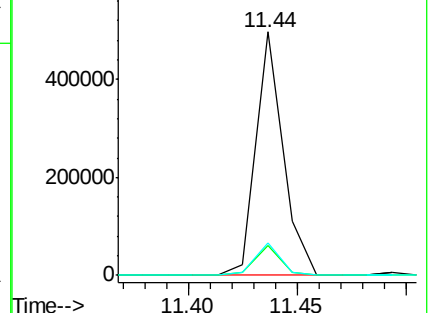
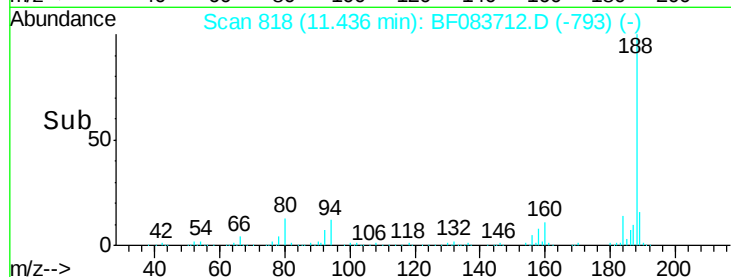
80 13.1 10.6 16.0



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: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083712.D

Acq: 11 Dec 2015 23:19

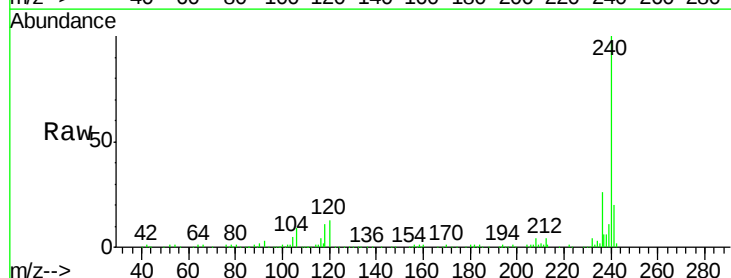
Tgt Ion:240 Resp: 338808

Ion Ratio Lower Upper

240 100

120 12.8 8.1 12.1#

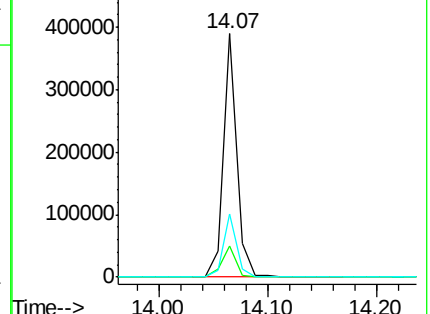
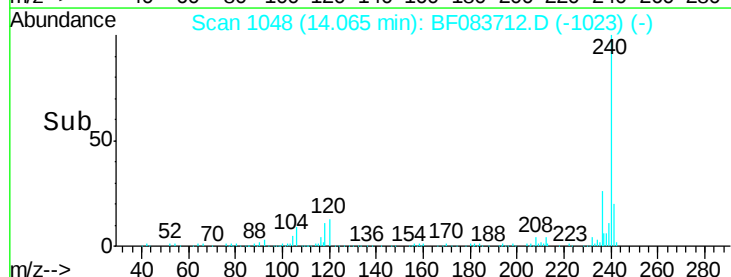
236 26.2 20.8 31.2

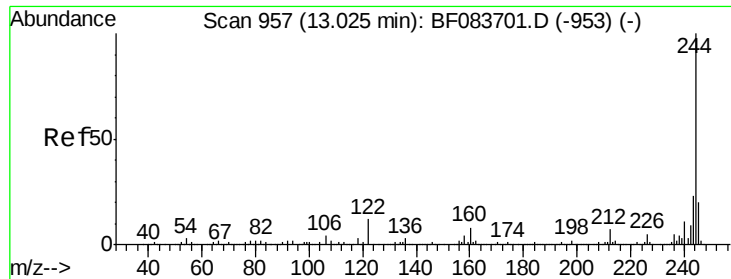


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

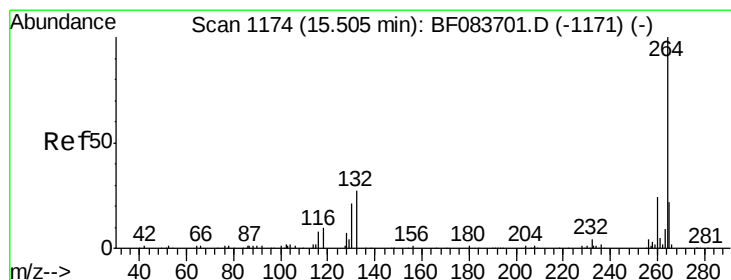
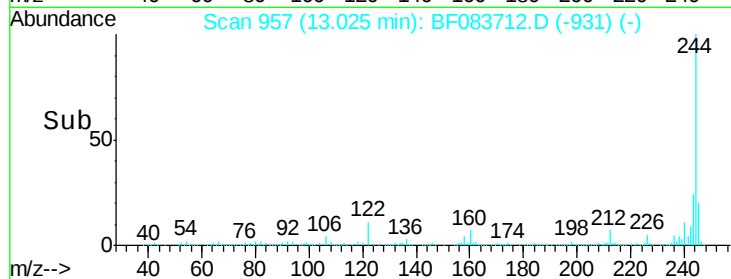
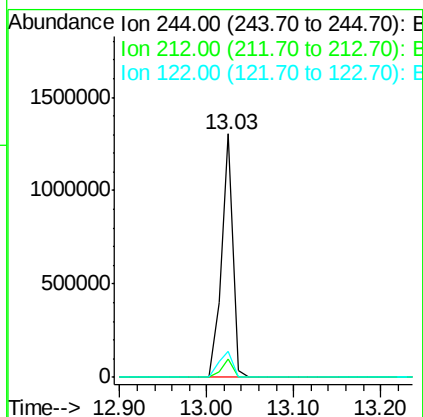
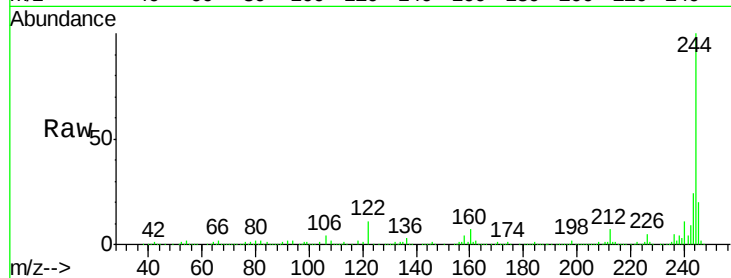




#78
 Terphenyl-d14
 Concen: 79.77 ng
 RT: 13.03 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF083712.D
 Acq: 11 Dec 2015 23:19

Instrument :
 BNA_F
 ClientSampleId :
 PB87230BL

Tot Ion:244 Resp: 1203550
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 10.7 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083712.D
 Acq: 11 Dec 2015 23:19

Tgt Ion:264 Resp: 238921
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 21.0 17.8 26.6

