

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083937.D
 Acq On : 19 Dec 2015 2:53
 Operator : UM/SJ
 Sample : G4840-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-13

Quant Time: Dec 19 05:43:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

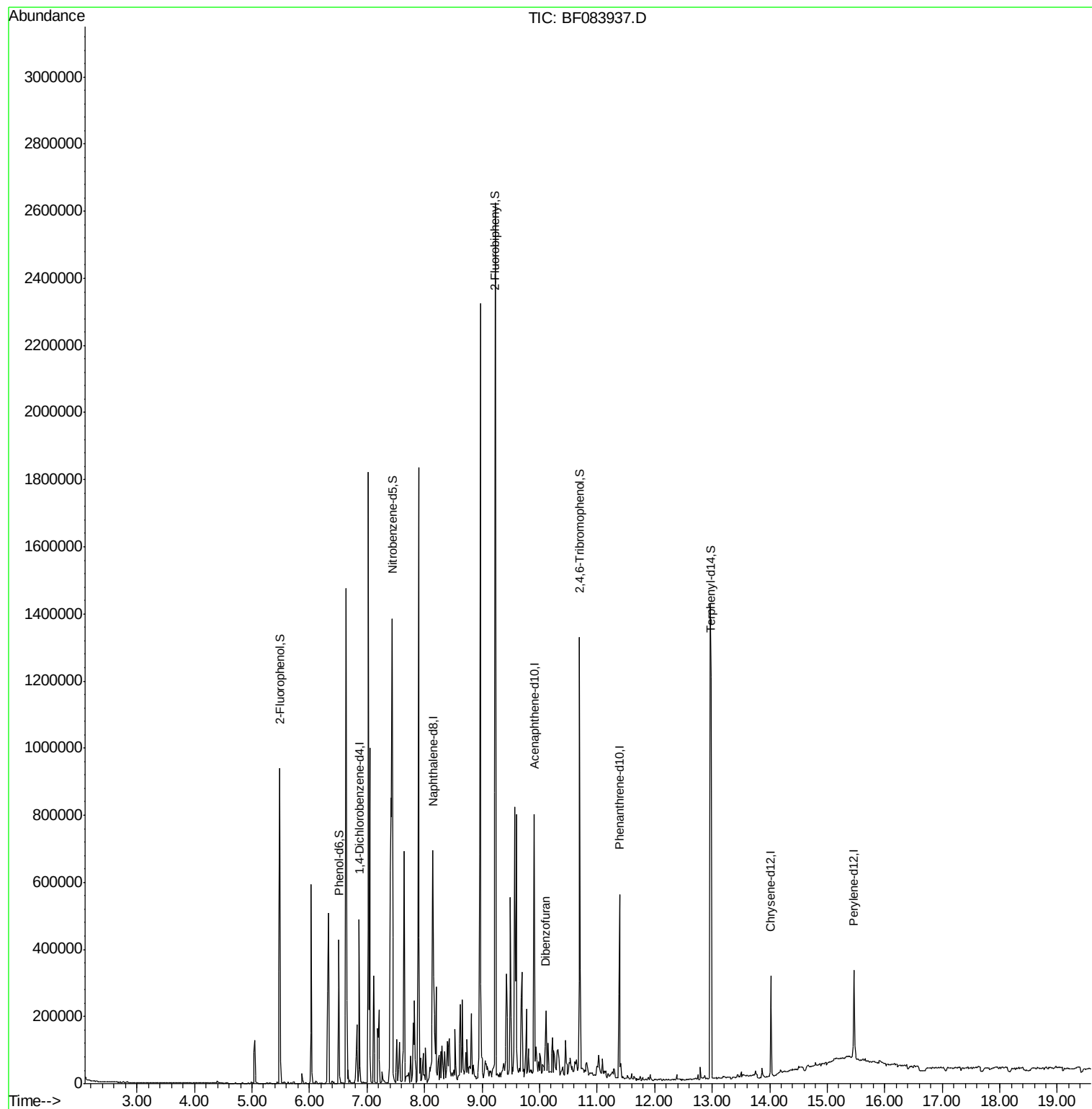
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	67133	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	246005	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	127613	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	222840	20.00	ng	0.00
75) Chrysene-d12	14.02	240	128241	20.00	ng	-0.01
86) Perylene-d12	15.46	264	142731	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	279493	65.15	ng	0.00
7) Phenol-d6	6.51	99	189121	36.02	ng	0.00
23) Nitrobenzene-d5	7.44	82	434600	100.83	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	159115	113.18	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	803918	89.14	ng	-0.01
78) Terphenyl-d14	12.98	244	619345	115.14	ng	0.00
Target Compounds						
54) Dibenzofuran	10.11	168	34050	2.87	ng	Qvalue # 88

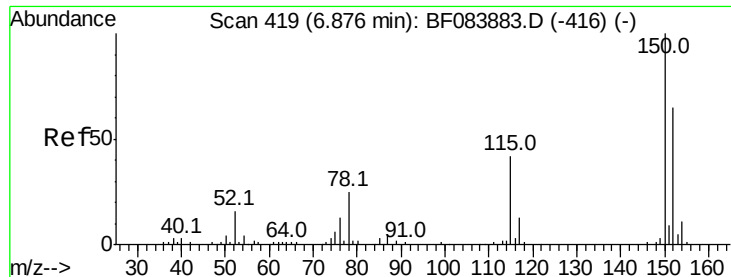
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083937.D
Acq On : 19 Dec 2015 2:53
Operator : UM/SJ
Sample : G4840-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-13

Quant Time: Dec 19 05:43:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration



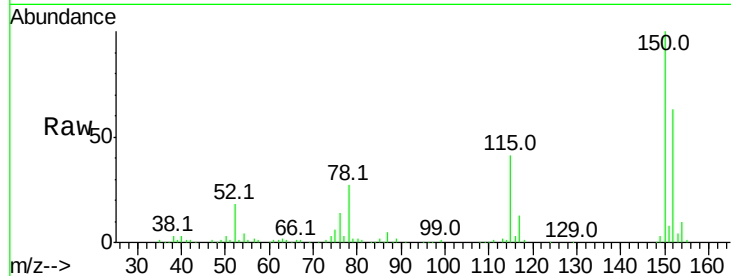


#1

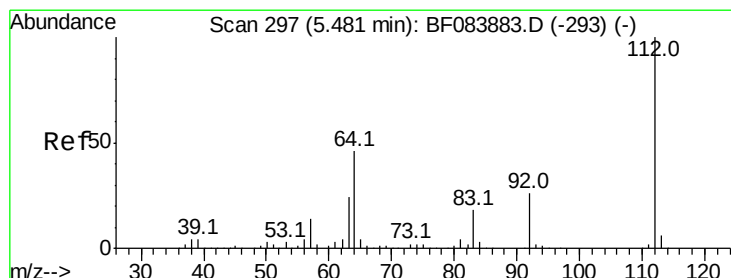
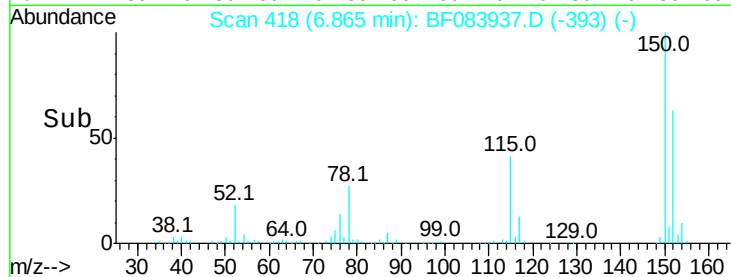
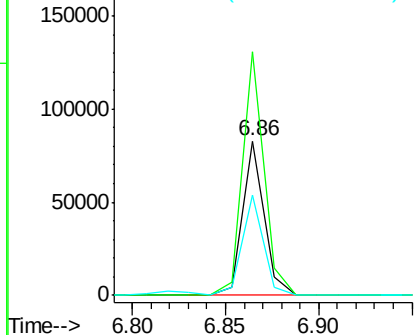
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF083937.D
 Acq: 19 Dec 2015 2:53

Instrument :
 BNA_F
 ClientSampleId :
 W-13

Tot Ion:152 Resp: 67133
 Ion Ratio Lower Upper
 152 100
 150 157.5 123.0 184.4
 115 64.9 51.4 77.2



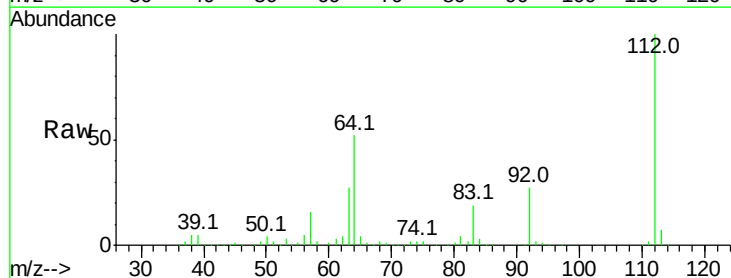
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



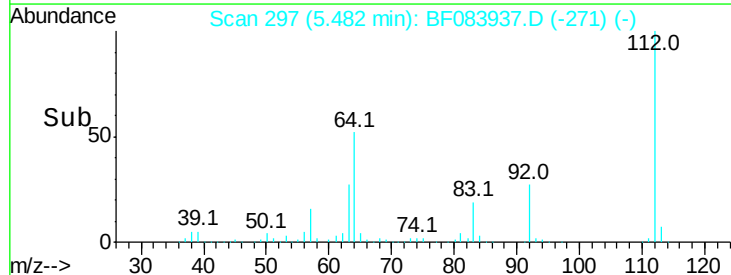
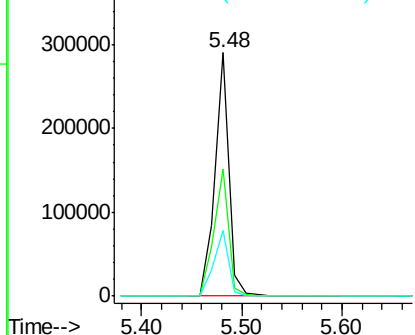
#5

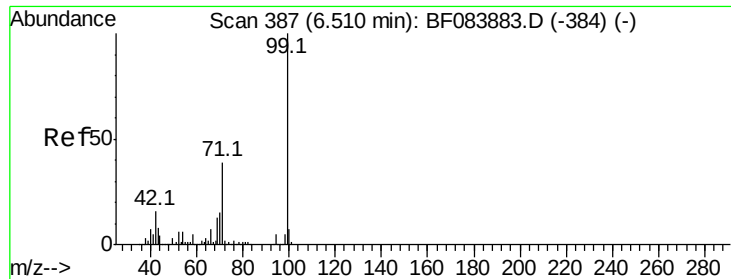
2-Fluorophenol
 Concen: 65.15 ng
 RT: 5.48 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: BF083937.D
 Acq: 19 Dec 2015 2:53

Tgt Ion:112 Resp: 279493
 Ion Ratio Lower Upper
 112 100
 64 52.3 36.6 55.0
 63 27.2 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: 36.02 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF083937.D

Acq: 19 Dec 2015 2:53

Instrument :

BNA_F

ClientSampleId :

W-13

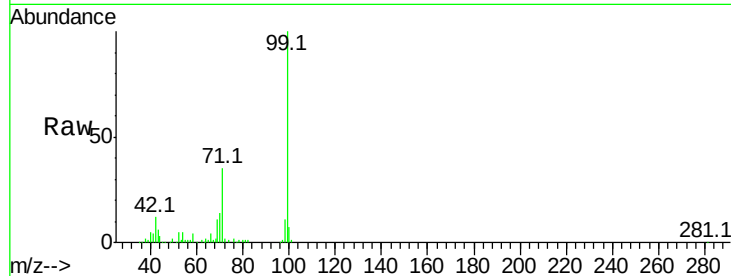
Tot Ion: 99 Resp: 189121

Ion Ratio Lower Upper

99 100

42 12.2 12.8 19.2#

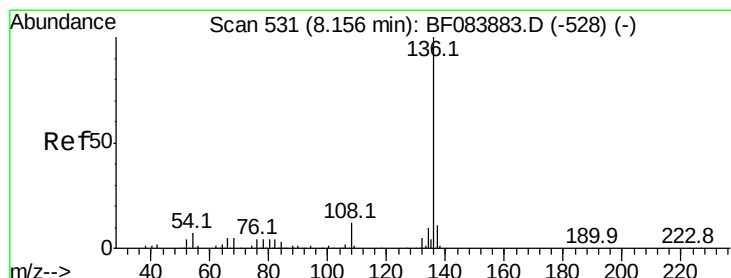
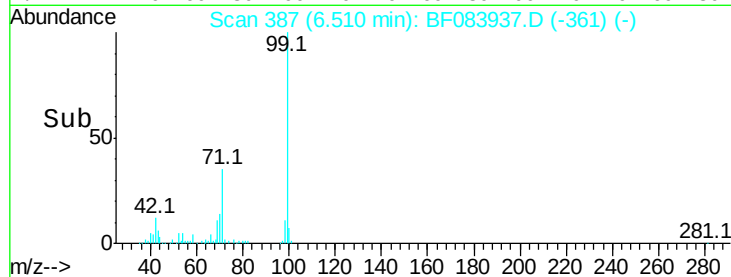
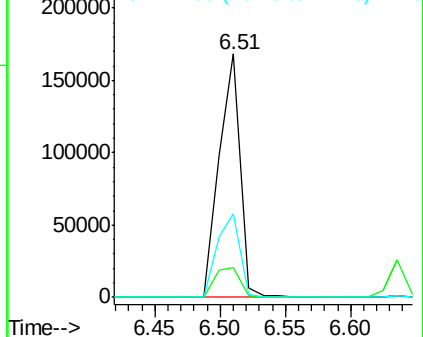
71 34.6 30.9 46.3



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: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF083937.D

Acq: 19 Dec 2015 2:53

Tgt Ion: 136 Resp: 246005

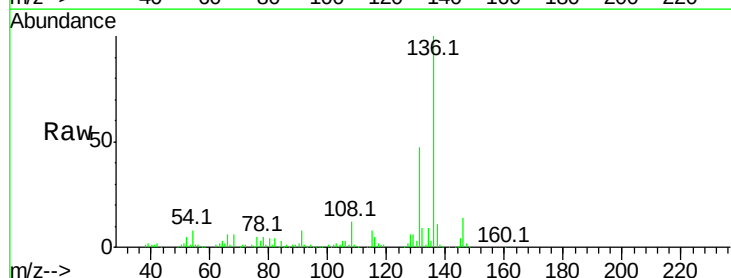
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.1 5.8 8.8

68 6.3 4.2 6.2#

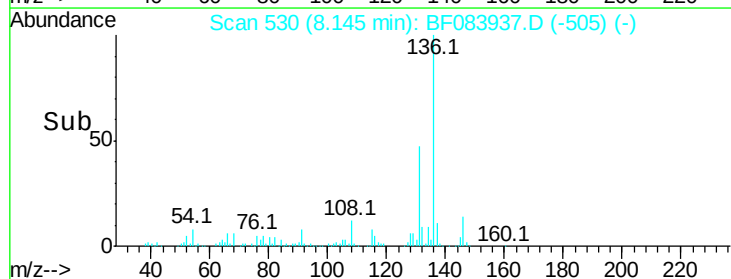
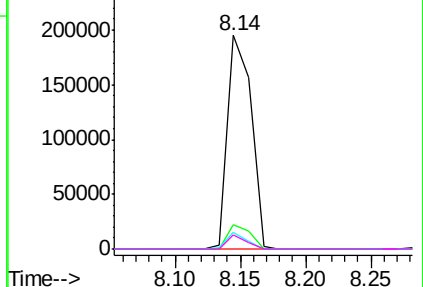


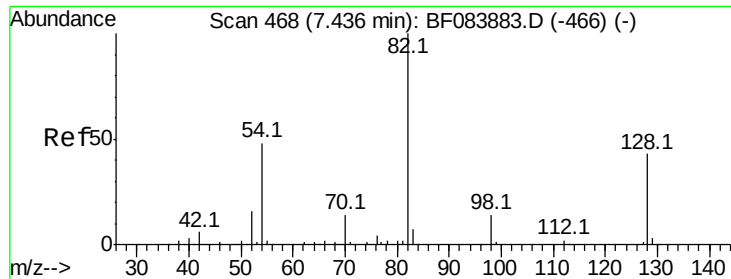
Abundance Ion 136.00 (135.70 to 136.70): E

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

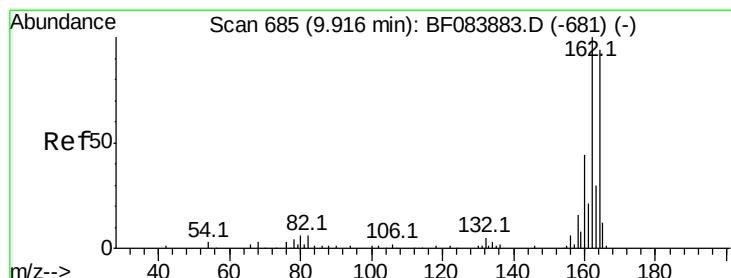
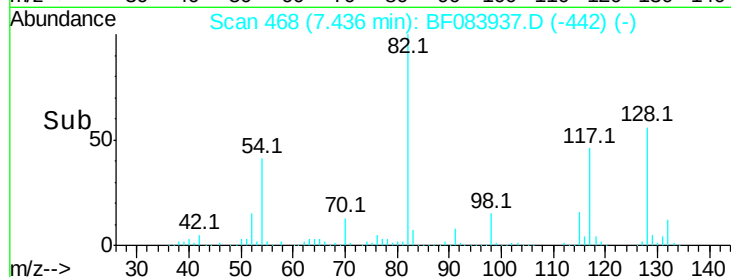
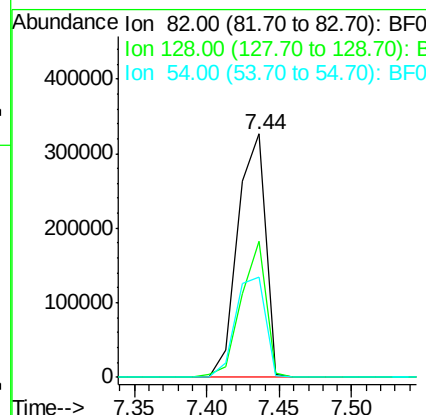
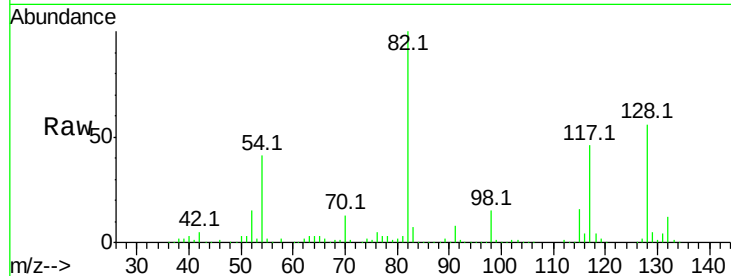




#23
 Nitrobenzene-d5
 Concen: 100.83 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF083937.D
 Acq: 19 Dec 2015 2:53

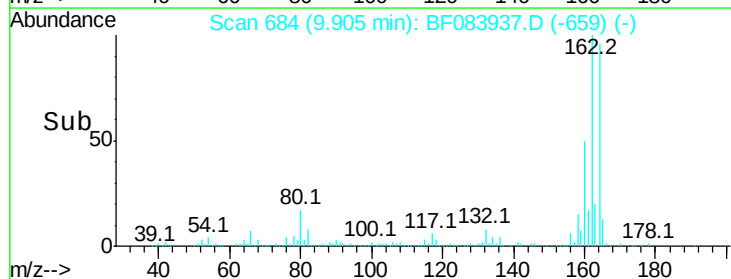
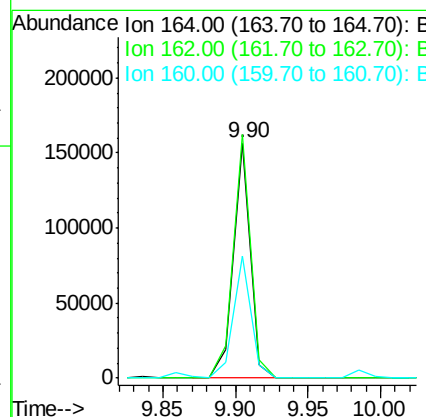
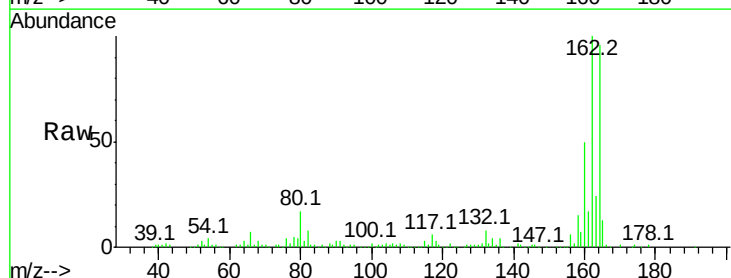
Instrument :
 BNA_F
 ClientSampled :
 W-13

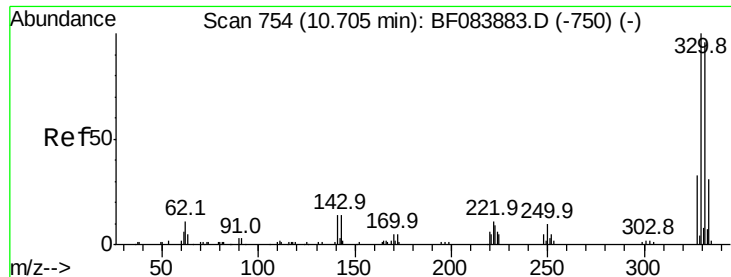
Tot Ion: 82 Resp: 434600
 Ion Ratio Lower Upper
 82 100
 128 55.7 34.6 51.8#
 54 41.2 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF083937.D
 Acq: 19 Dec 2015 2:53

Tgt Ion:164 Resp: 127613
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.1 127.7
 160 52.1 37.5 56.3

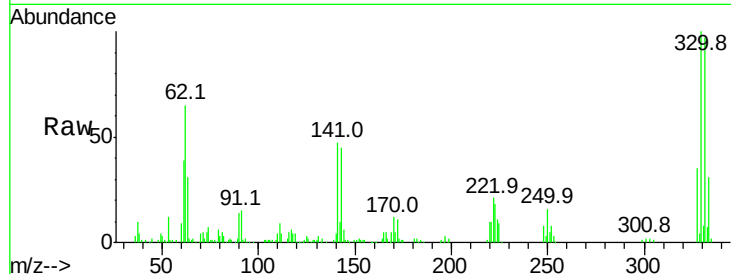




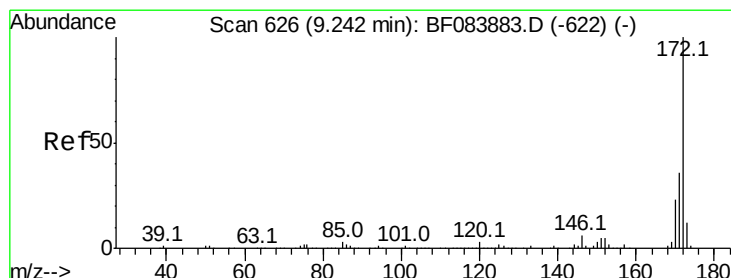
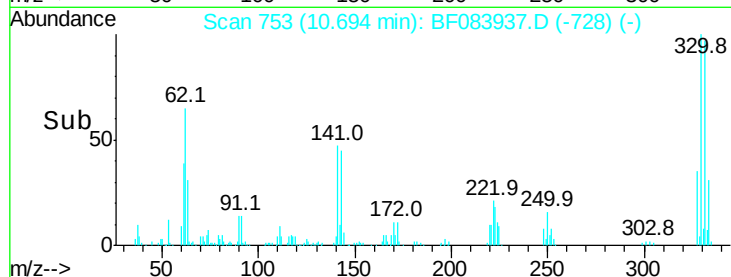
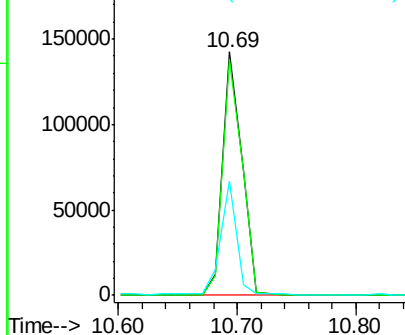
#41
 2,4,6-Tribromophenol
 Concen: 113.18 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF083937.D
 Acq: 19 Dec 2015 2:53

Instrument :
 BNA_F
 ClientSampleId :
 W-13

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	114.8
141	40.0	27.8	41.6

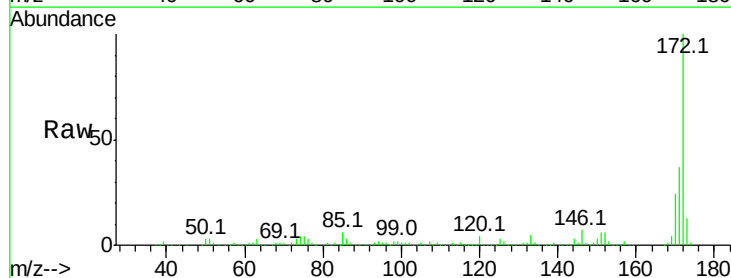


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

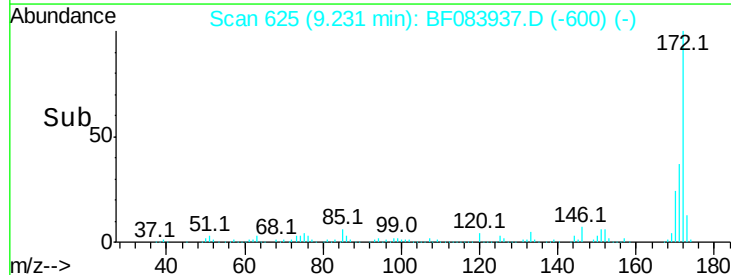
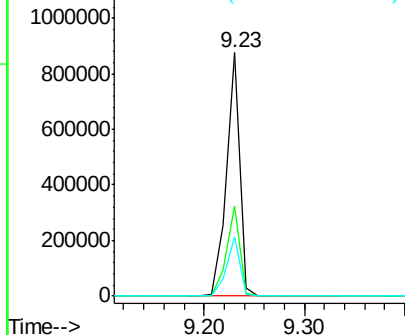


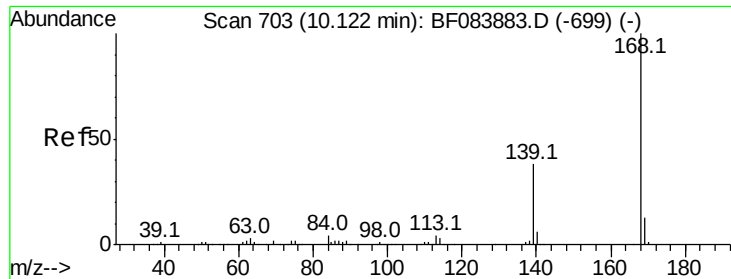
#44
 2-Fluorobiphenyl
 Concen: 89.14 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083937.D
 Acq: 19 Dec 2015 2:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.3	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

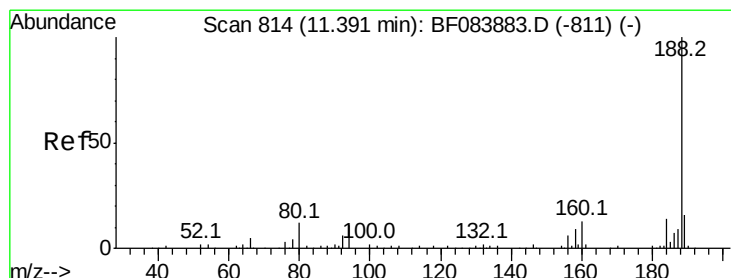
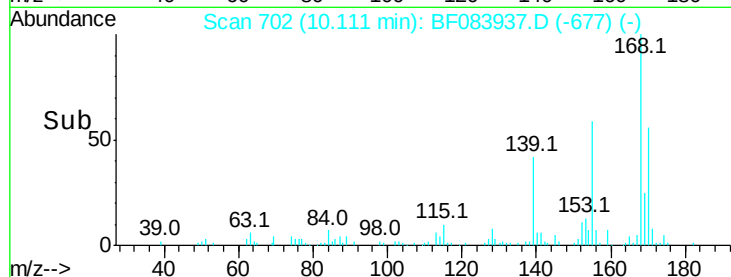
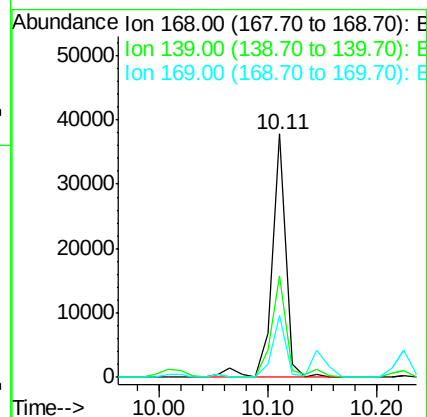
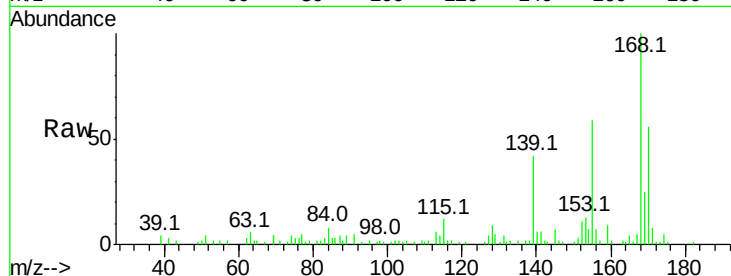




#54
Dibenzofuran
Concen: 2.87 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF083937.D
Acq: 19 Dec 2015 2:53

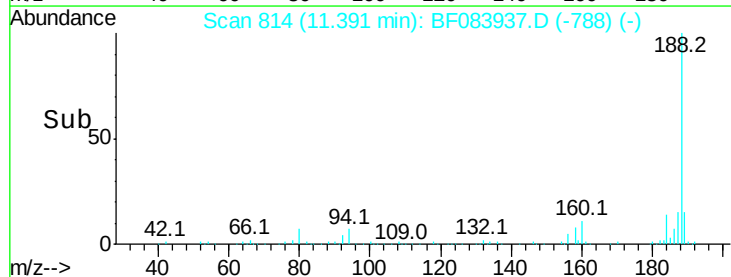
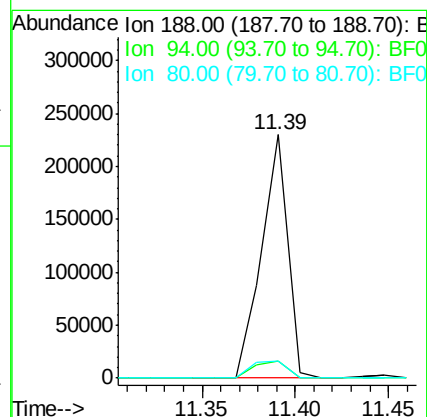
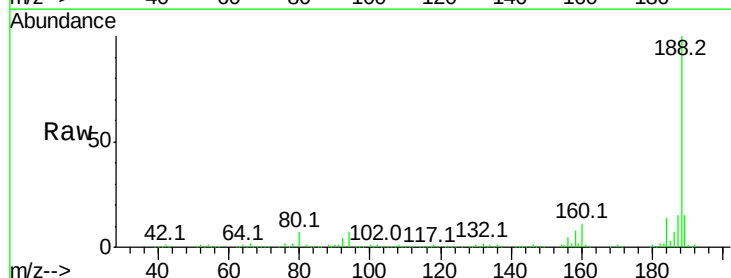
Instrument :
BNA_F
ClientSampled :
W-13

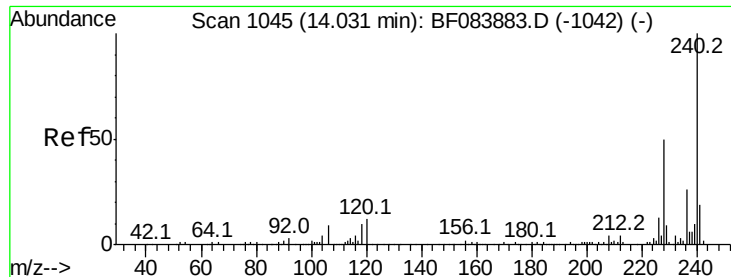
Tot Ion:168 Resp: 34050
Ion Ratio Lower Upper
168 100
139 41.8 30.5 45.7
169 25.2 10.4 15.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF083937.D
Acq: 19 Dec 2015 2:53

Tgt Ion:188 Resp: 222840
Ion Ratio Lower Upper
188 100
94 6.8 9.0 13.4#
80 6.9 9.6 14.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF083937.D

Acq: 19 Dec 2015 2:53

Instrument :

BNA_F

ClientSampleId :

W-13

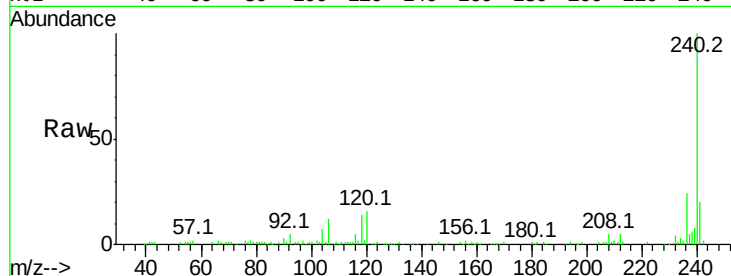
Tot Ion:240 Resp: 128241

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

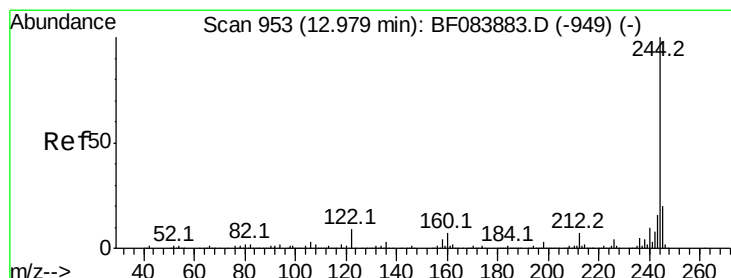
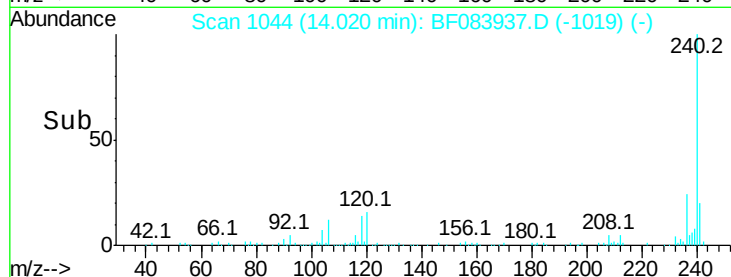
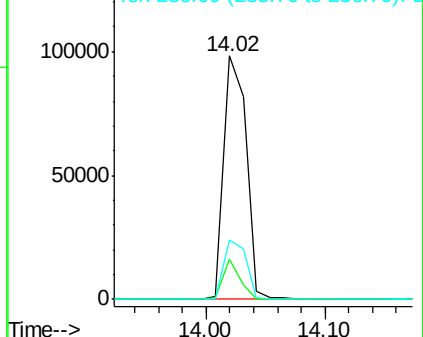
236 24.1 20.6 31.0



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: 115.14 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF083937.D

Acq: 19 Dec 2015 2:53

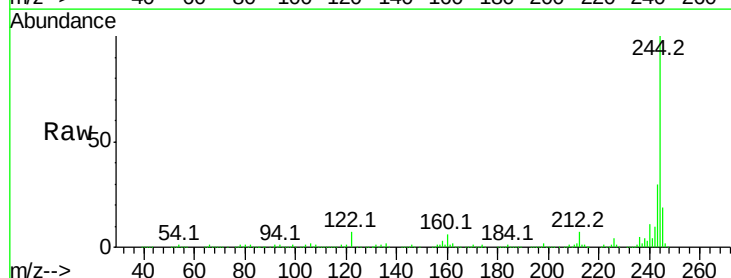
Tgt Ion:244 Resp: 619345

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

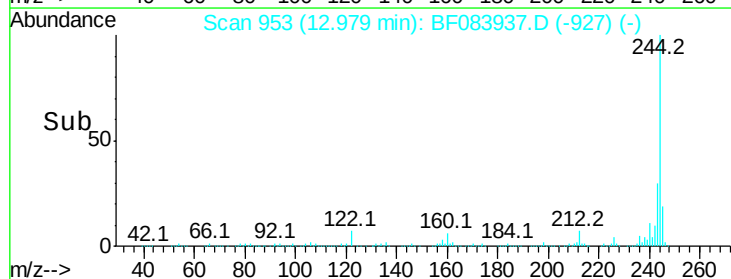
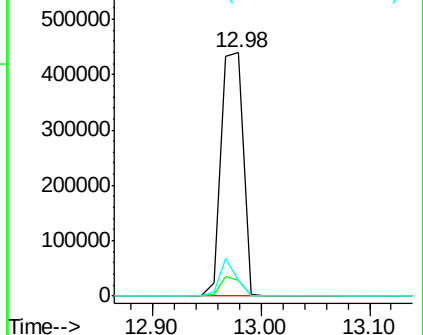
122 6.6 7.4 11.0#

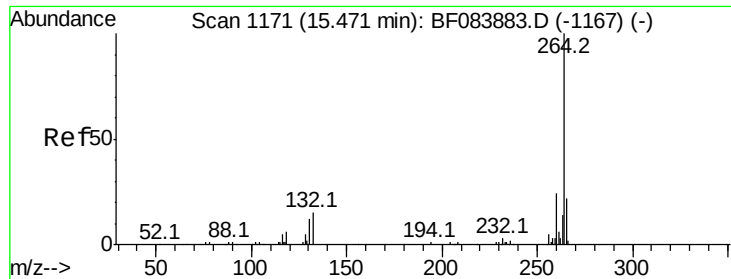


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF083937.D
Acq: 19 Dec 2015 2:53

Instrument :
BNA_F
ClientSampleId :
W-13

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	21.4	17.8	26.6

