

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083138.D
 Acq On : 22 Nov 2015 5:01
 Operator : UM/IZ
 Sample : G4480-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY SF_002-SPLPSVOC2

Quant Time: Nov 22 09:54:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

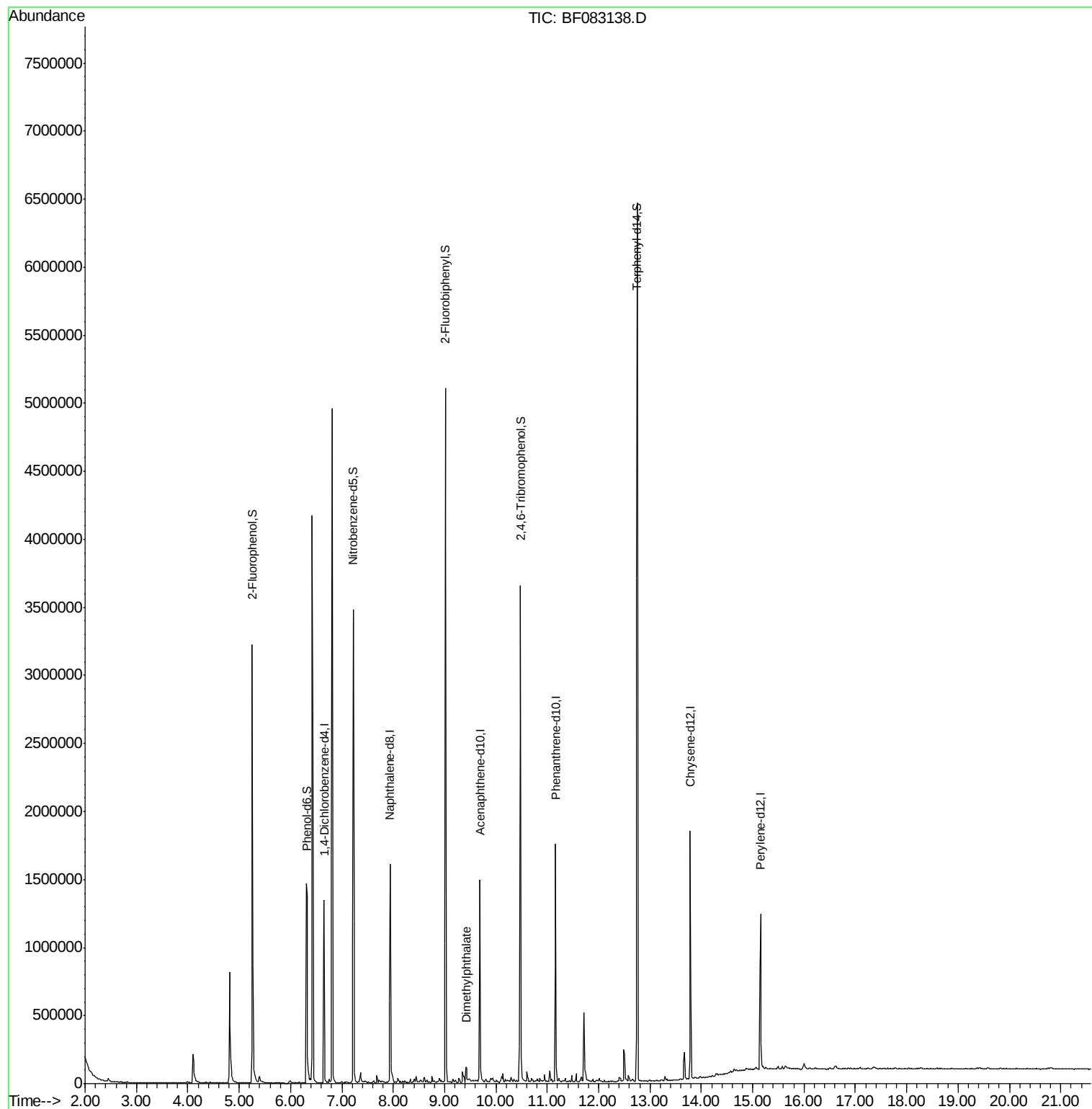
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	197798	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	752351	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	379192	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	734063	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	657424	20.00	ng	-0.02
86) Perylene-d12	15.15	264	563745	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	923973	70.62	ng	-0.02
7) Phenol-d6	6.32	99	805638	47.59	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1385720	84.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	542335	139.80	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2337432	85.96	ng	-0.01
78) Terphenyl-d14	12.75	244	2361021	84.57	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.43	163	68149	2.33	ng	Qvalue # 98

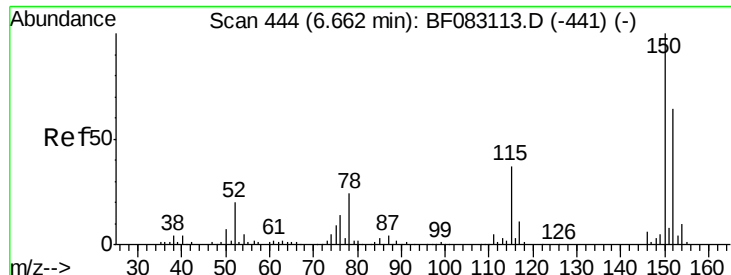
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083138.D

Acq: 22 Nov 2015 5:01

Instrument :

BNA_F

ClientSampleId :

LIBERTY SF_002-SPLPSVOC2

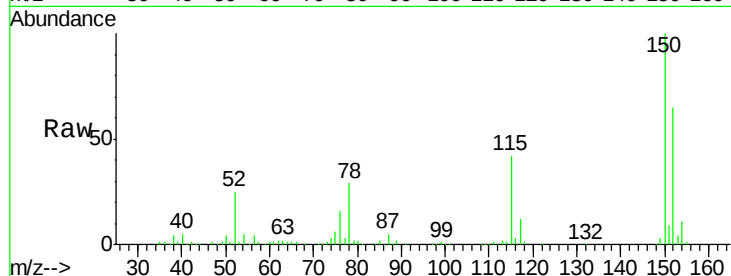
Tot Ion:152 Resp: 197798

Ion Ratio Lower Upper

152 100

150 153.3 125.8 188.8

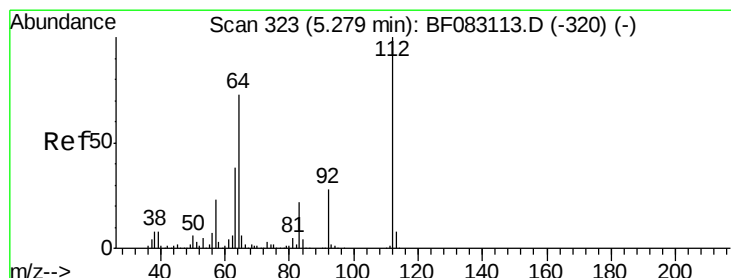
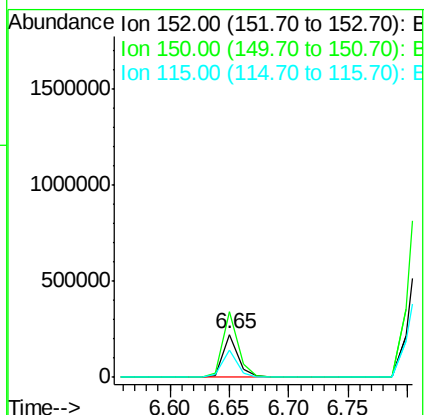
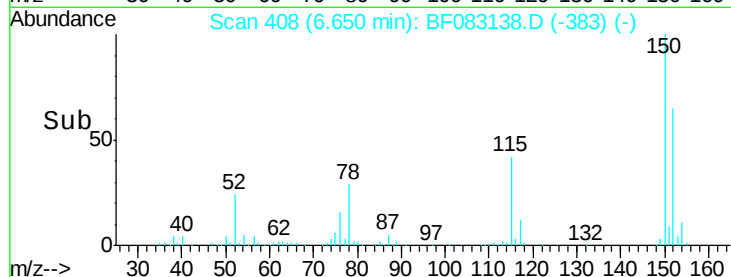
115 64.1 46.9 70.3



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: 70.62 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083138.D

Acq: 22 Nov 2015 5:01

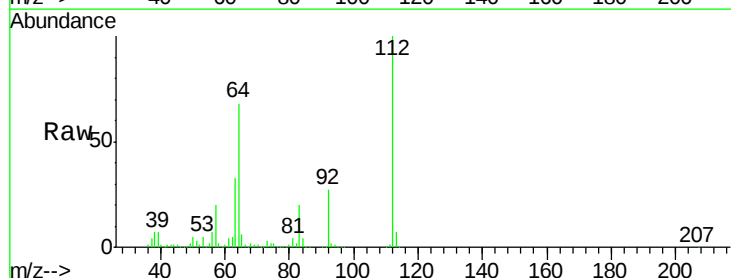
Tgt Ion:112 Resp: 923973

Ion Ratio Lower Upper

112 100

64 67.6 58.4 87.6

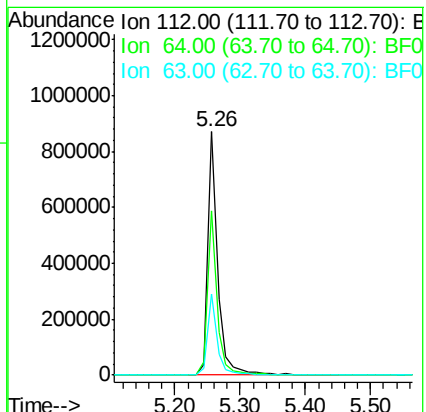
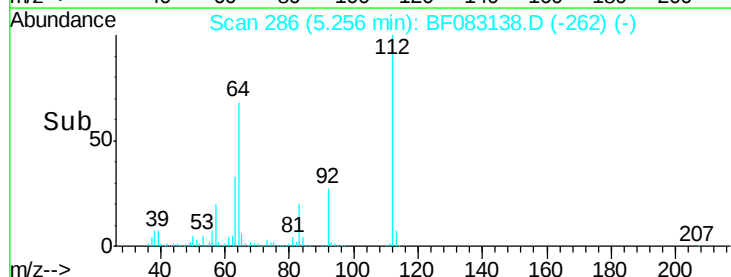
63 33.1 30.0 45.0

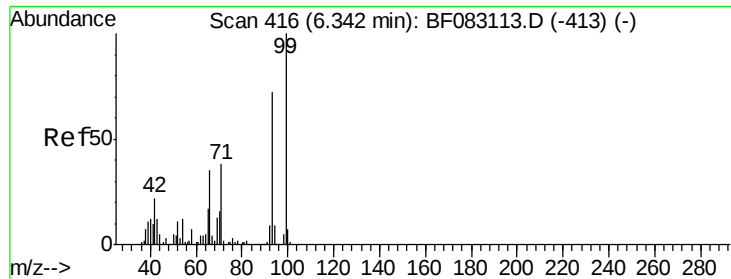


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.59 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083138.D

Acq: 22 Nov 2015 5:01

Instrument :

BNA_F

ClientSampleId :

LIBERTY SF_002-SPLPSVOC2

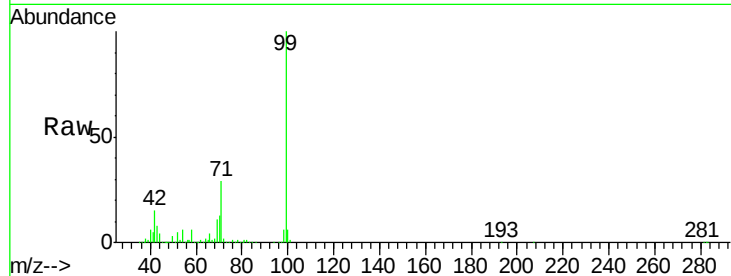
Tot Ion: 99 Resp: 805638

Ion Ratio Lower Upper

99 100

42 14.8 17.7 26.5#

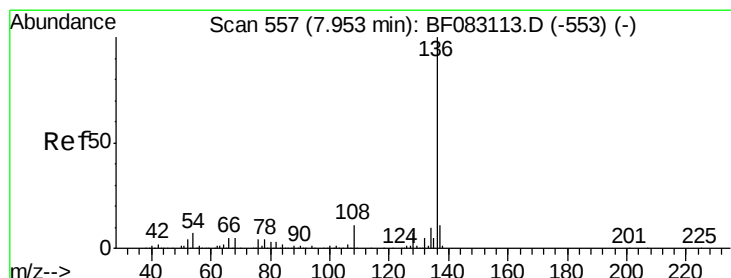
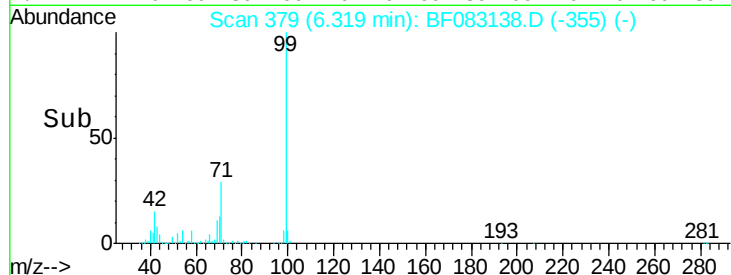
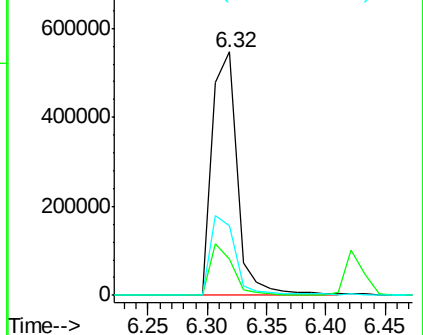
71 28.8 30.2 45.4#



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: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083138.D

Acq: 22 Nov 2015 5:01

Tgt Ion: 136 Resp: 752351

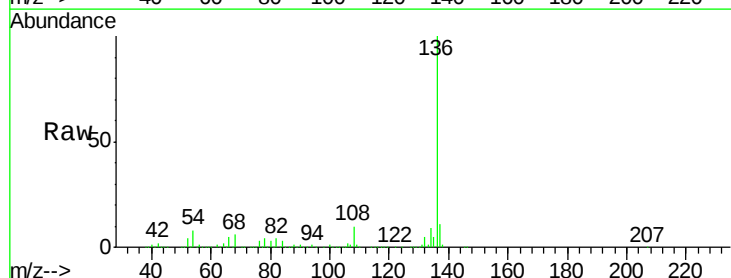
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.2 5.8 8.6

68 6.0 3.8 5.8#

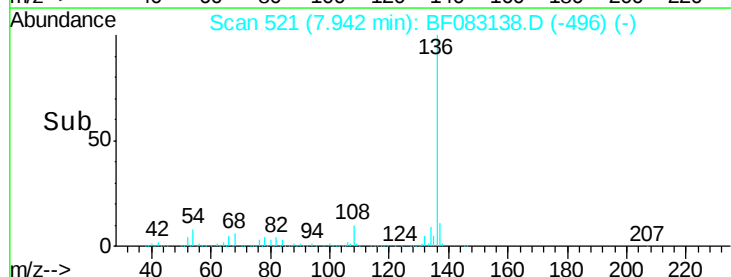
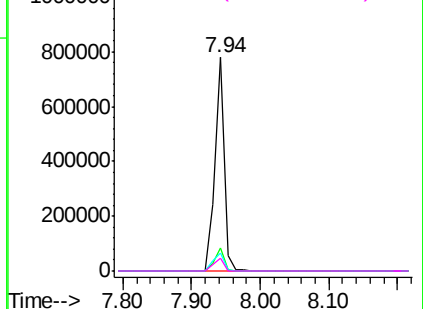


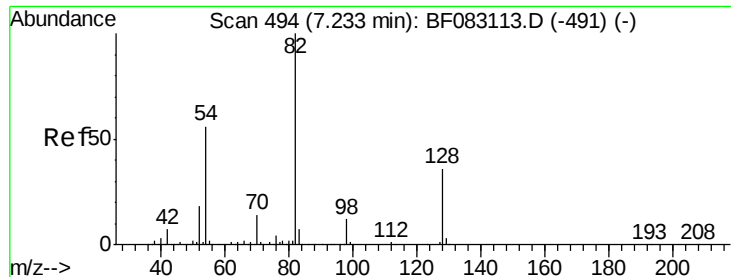
Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.16 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083138.D

Acq: 22 Nov 2015 5:01

Instrument :

BNA_F

ClientSampleId :

LIBERTY SF_002-SPLPSVOC2

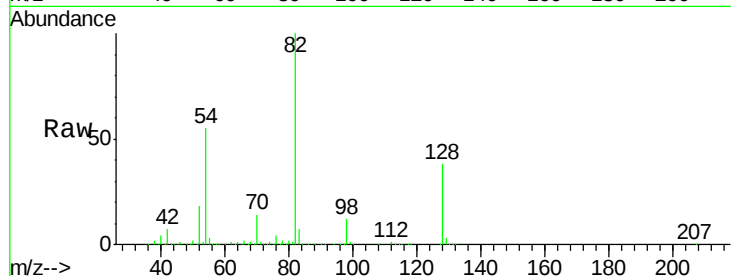
Tot Ion: 82 Resp: 1385720

Ion Ratio Lower Upper

82 100

128 37.6 28.5 42.7

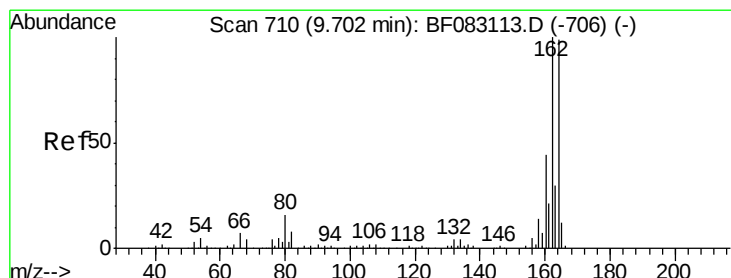
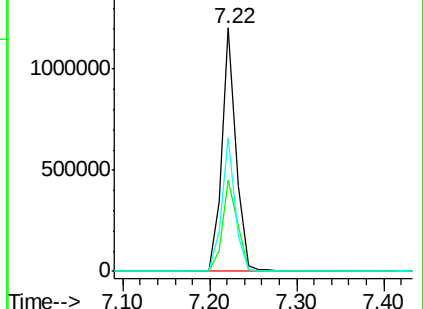
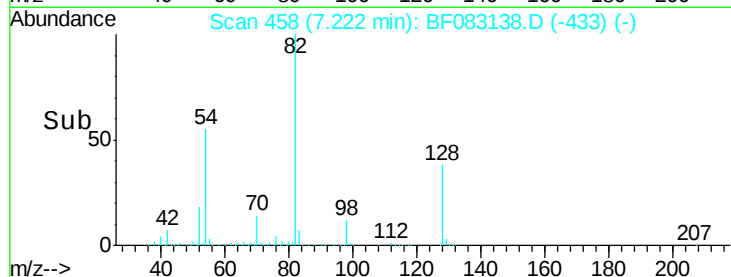
54 55.0 44.6 67.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF083138.D

Acq: 22 Nov 2015 5:01

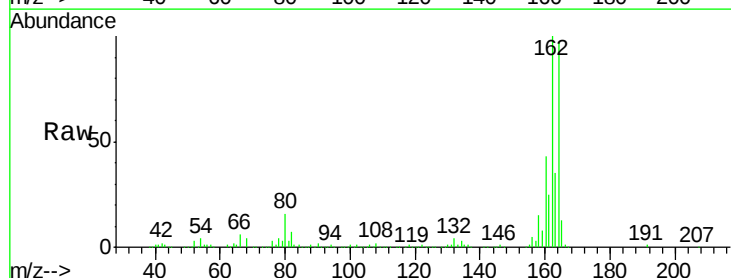
Tgt Ion:164 Resp: 379192

Ion Ratio Lower Upper

164 100

162 102.9 81.2 121.8

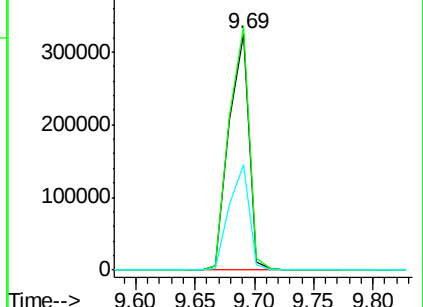
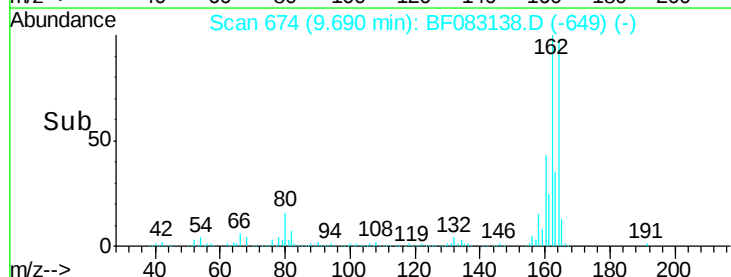
160 44.6 35.6 53.4

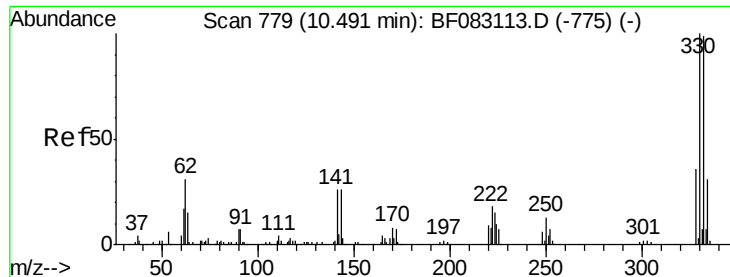


Abundance Ion 164.00 (163.70 to 164.70): B

Ion 162.00 (161.70 to 162.70): B

Ion 160.00 (159.70 to 160.70): B

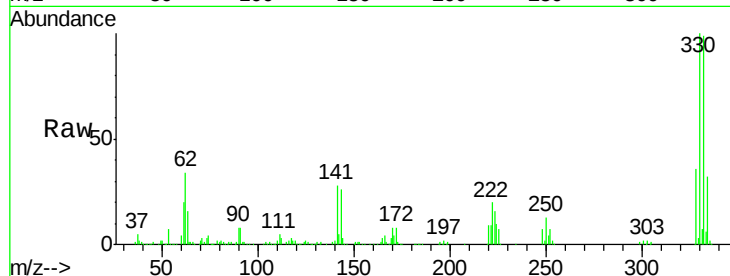




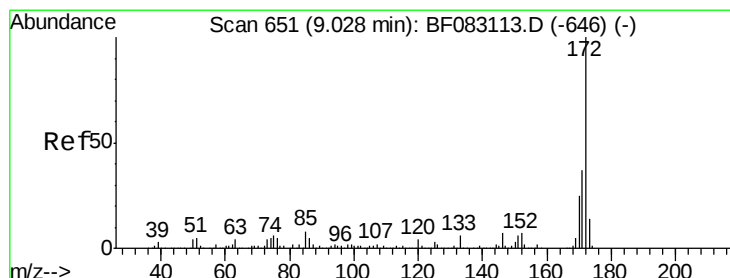
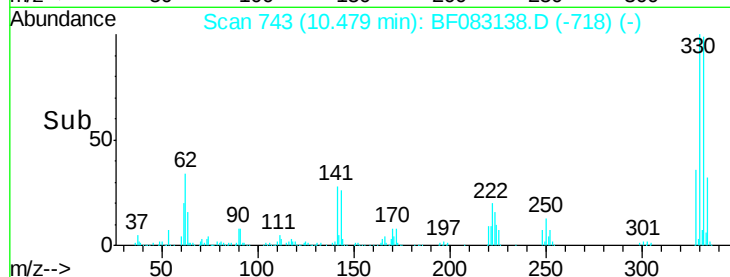
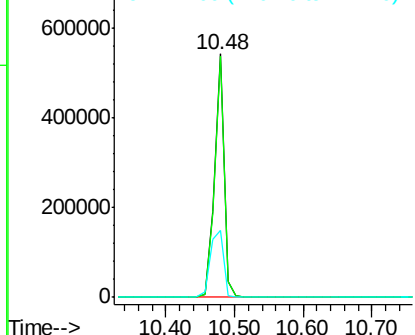
#41
 2,4,6-Tribromophenol
 Concen: 139.80 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083138.D
 Acq: 22 Nov 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY SF_002-SPLPSVOC2

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.7	116.5
141	38.6	29.7	44.5

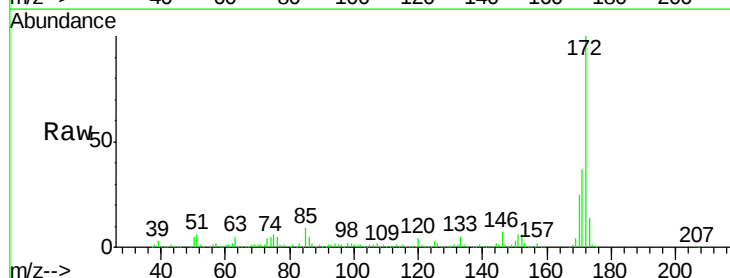


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

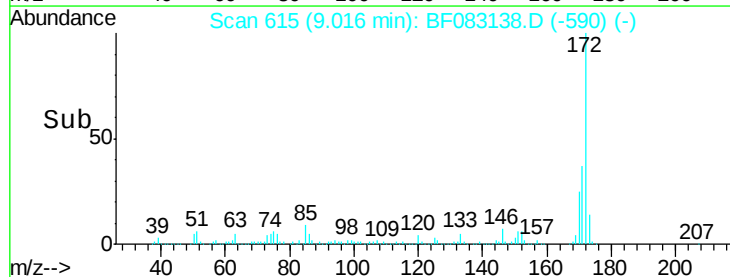
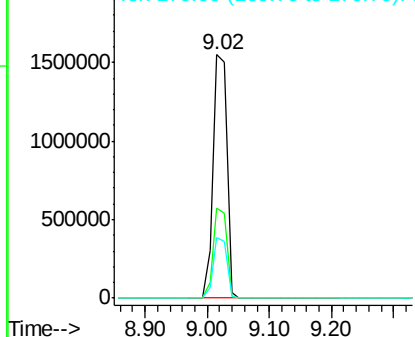


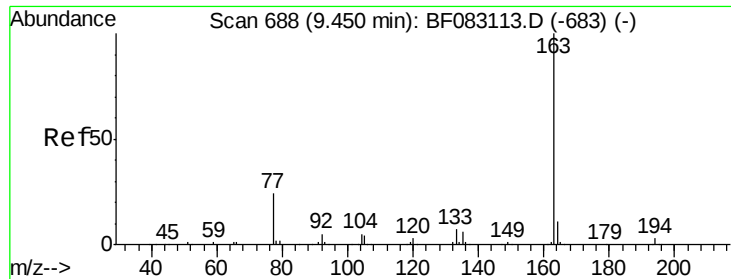
#44
 2-Fluorobiphenyl
 Concen: 85.96 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083138.D
 Acq: 22 Nov 2015 5:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.5	44.3
170	24.9	19.9	29.9



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

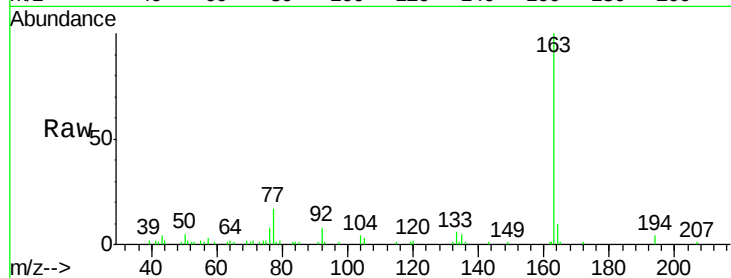




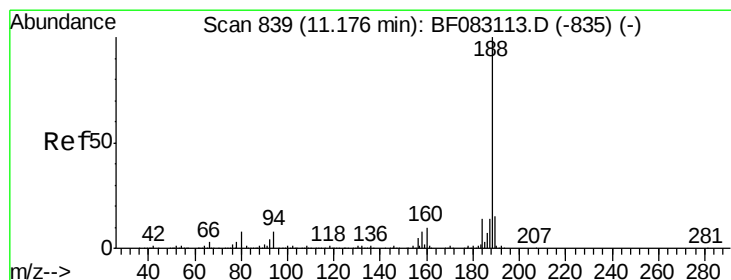
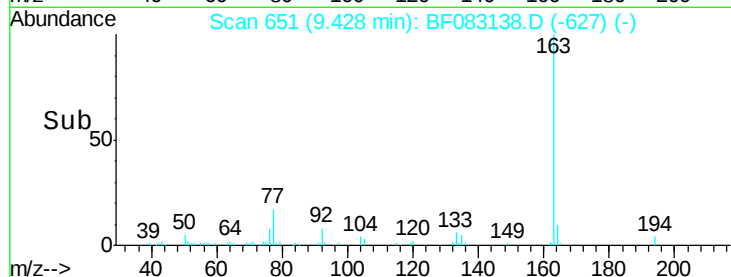
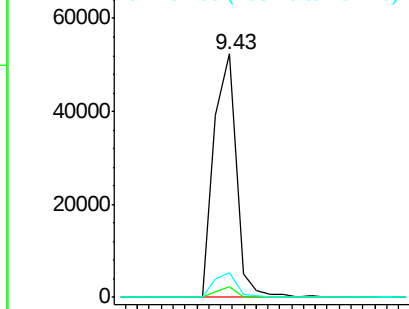
#49
Dimethylphthalate
Concen: 2.33 ng
RT: 9.43 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF083138.D
Acq: 22 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
LIBERTY SF_002-SPLPSVOC2

Tot Ion:163 Resp: 68149
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 10.1 8.6 12.8

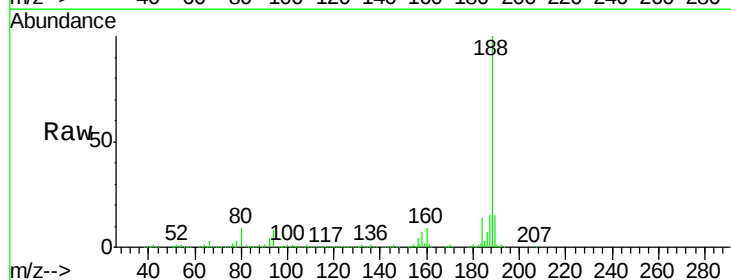


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

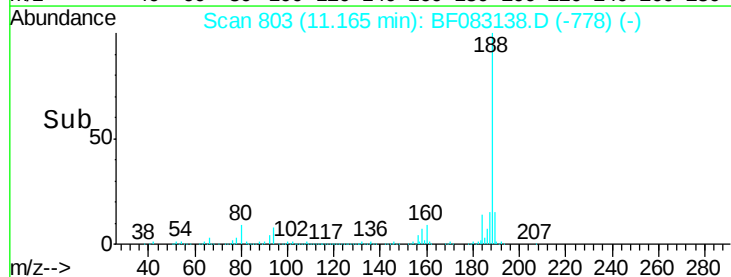
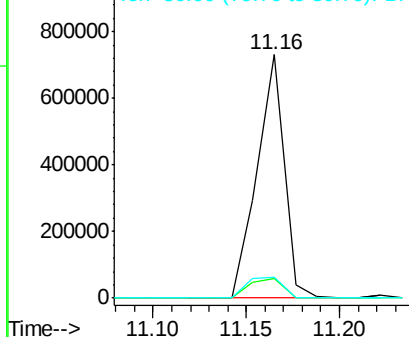


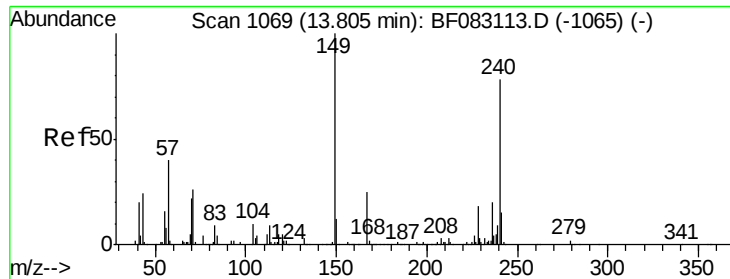
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083138.D
Acq: 22 Nov 2015 5:01

Tgt Ion:188 Resp: 734063
Ion Ratio Lower Upper
188 100
94 8.0 6.0 9.0
80 8.5 6.7 10.1



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: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083138.D

Acq: 22 Nov 2015 5:01

Instrument :

BNA_F

ClientSampleId :

LIBERTY SF_002-SPLPSVOC2

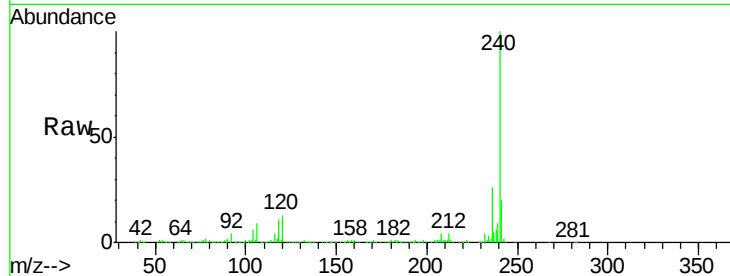
Tot Ion:240 Resp: 657424

Ion Ratio Lower Upper

240 100

120 12.7 5.4 8.2#

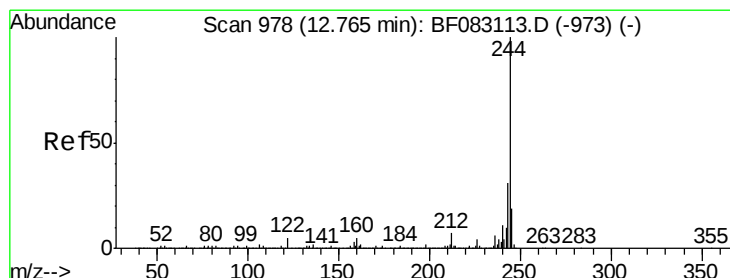
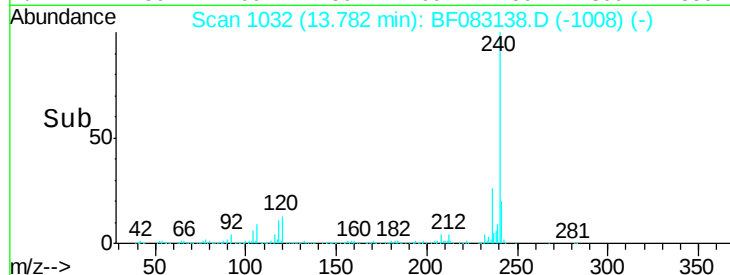
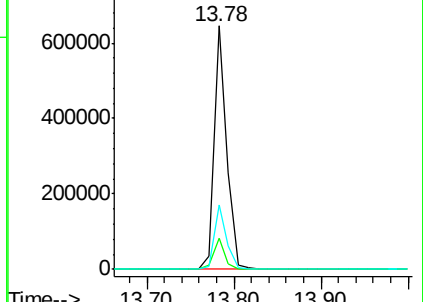
236 26.4 20.6 31.0



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: 84.57 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083138.D

Acq: 22 Nov 2015 5:01

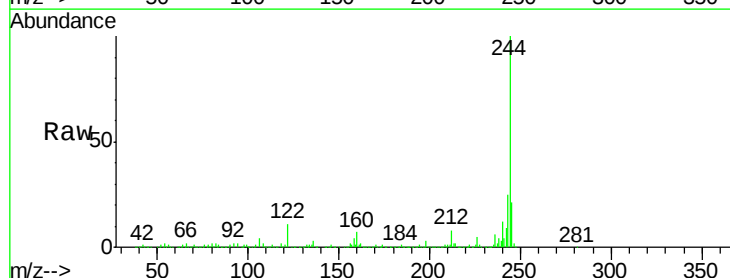
Tgt Ion:244 Resp: 2361021

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

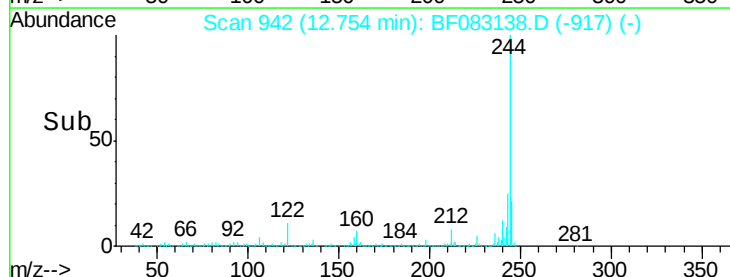
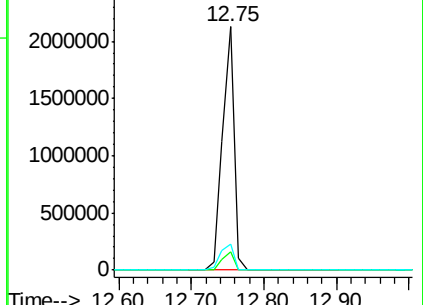
122 10.5 4.3 6.5#

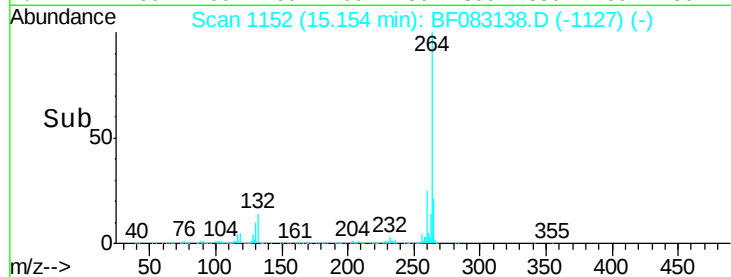
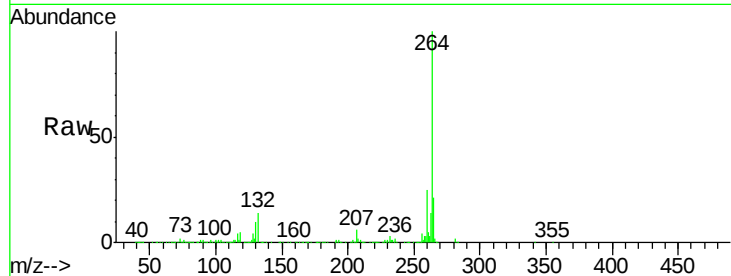
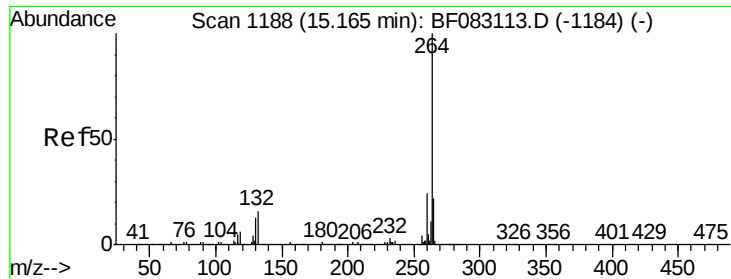


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083138.D
Acq: 22 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
LIBERTY SF_002-SPLPSVOC2

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.1	28.7
265	21.1	18.2	27.4

