

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083139.D
 Acq On : 22 Nov 2015 5:31
 Operator : UM/IZ
 Sample : G4480-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY SF_002-SPLPSVOC3

Quant Time: Nov 22 09:55:07 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

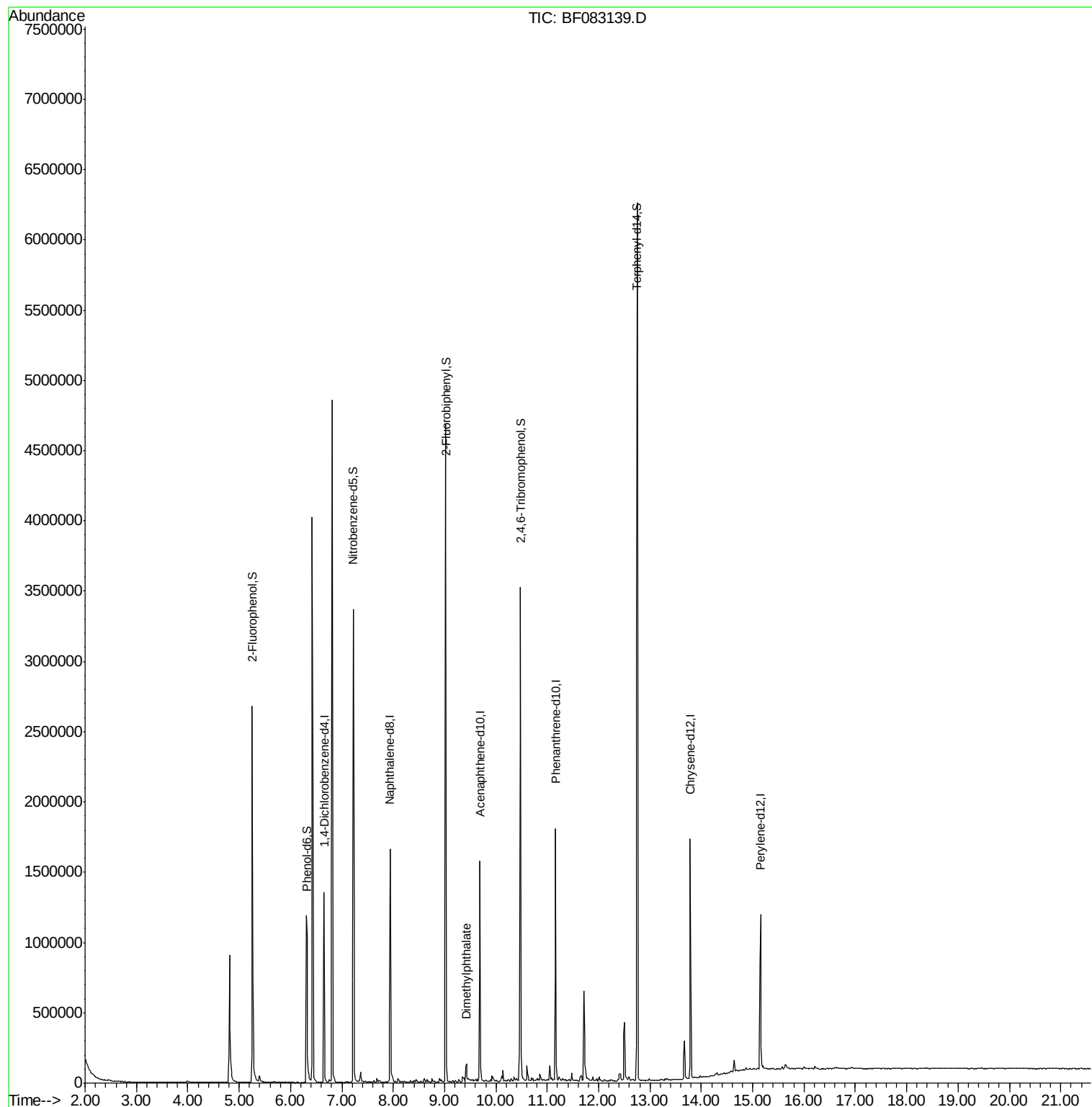
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	197284	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	751379	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	375556	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	726571	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	643013	20.00	ng	-0.02
86) Perylene-d12	15.15	264	547762	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	784948	60.15	ng	-0.02
7) Phenol-d6	6.32	99	644555	38.18	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1319421	80.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	508164	132.26	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	2225468	82.63	ng	0.00
78) Terphenyl-d14	12.75	244	2165925	79.32	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.43	163	79176	2.74	ng	Qvalue 96

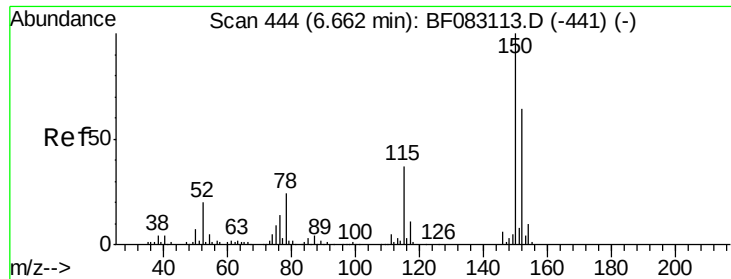
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083139.D
Acq On : 22 Nov 2015 5:31
Operator : UM/IZ
Sample : G4480-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIBERTY SF_002-SPLPSVOC3

Quant Time: Nov 22 09:55:07 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083139.D

Acq: 22 Nov 2015 5:31

Instrument :

BNA_F

ClientSampleId :

LIBERTY SF_002-SPLPSVOC3

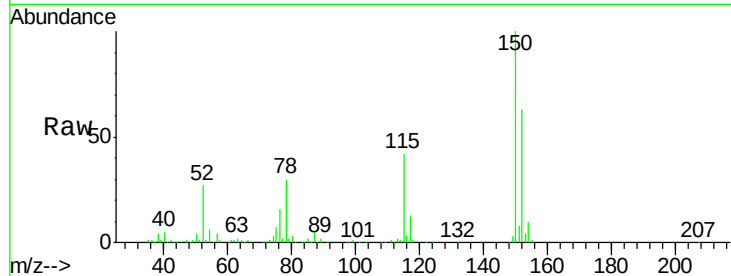
Tot Ion:152 Resp: 197284

Ion Ratio Lower Upper

152 100

150 159.3 125.8 188.8

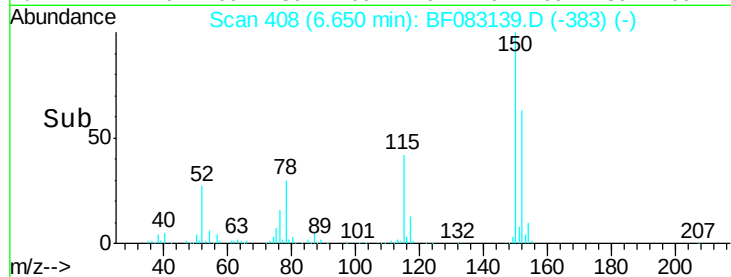
115 66.1 46.9 70.3



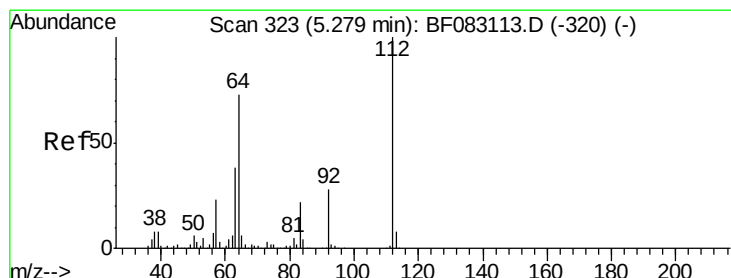
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 60.15 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083139.D

Acq: 22 Nov 2015 5:31

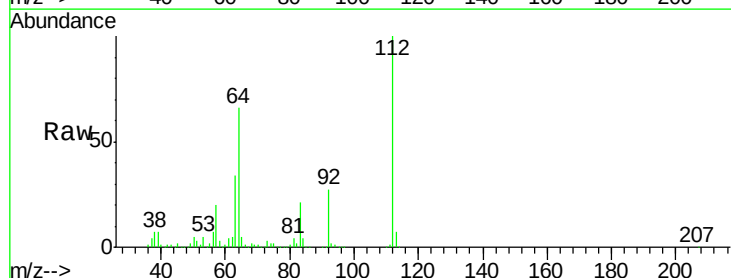
Tgt Ion:112 Resp: 784948

Ion Ratio Lower Upper

112 100

64 66.0 58.4 87.6

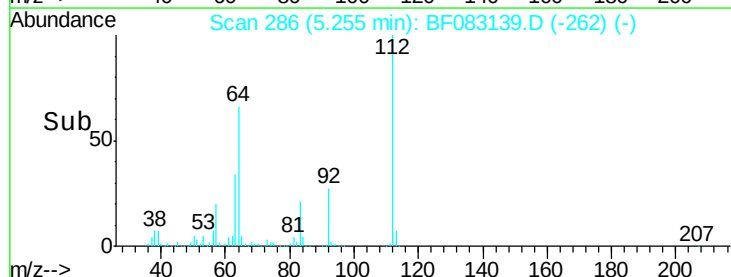
63 33.5 30.0 45.0



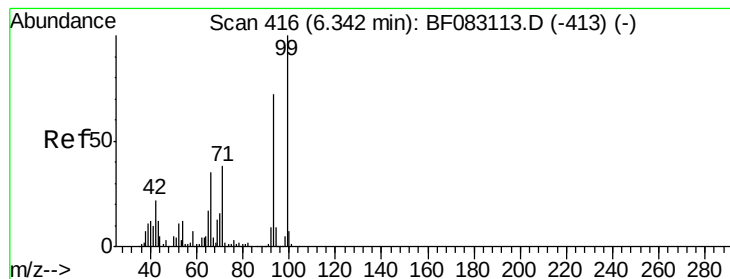
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 38.18 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083139.D

Acq: 22 Nov 2015 5:31

Instrument :

BNA_F

ClientSampleId :

LIBERTY SF_002-SPLPSVOC3

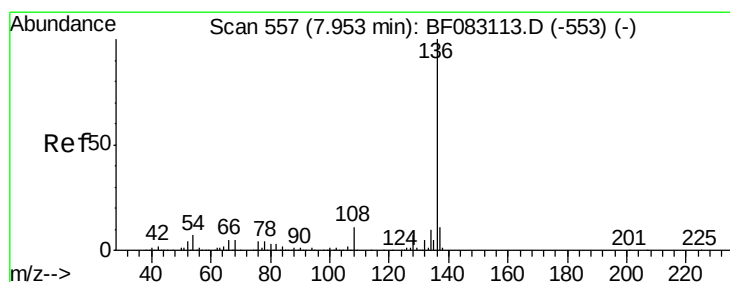
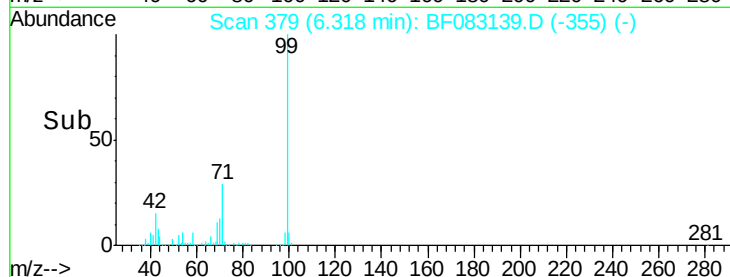
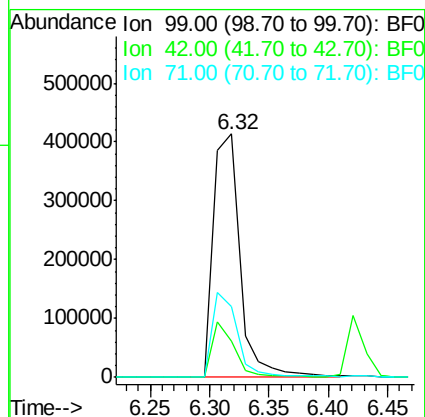
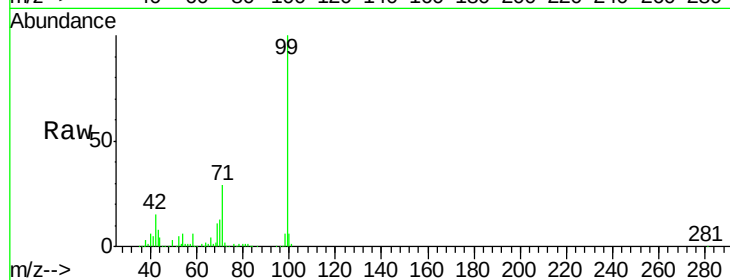
Tot Ion: 99 Resp: 644555

Ion Ratio Lower Upper

99 100

42 15.0 17.7 26.5#

71 29.0 30.2 45.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083139.D

Acq: 22 Nov 2015 5:31

Tgt Ion: 136 Resp: 751379

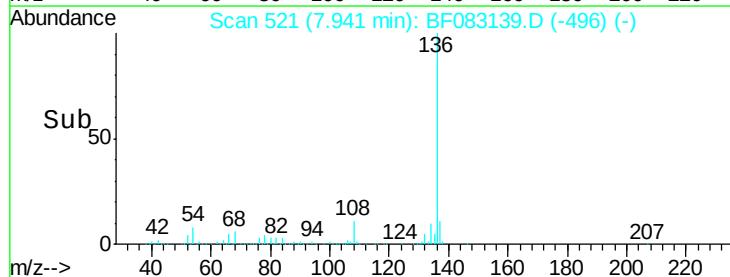
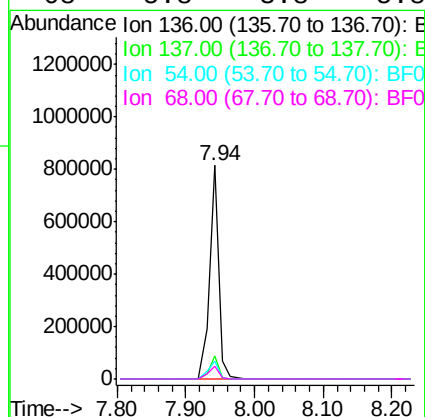
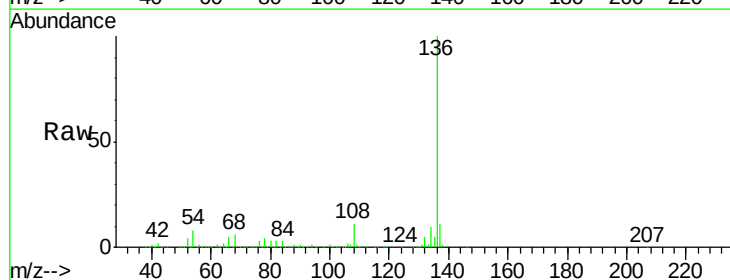
Ion Ratio Lower Upper

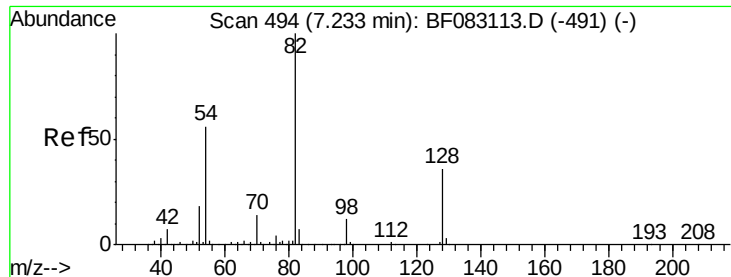
136 100

137 10.8 8.7 13.1

54 8.1 5.8 8.6

68 5.8 3.8 5.8#

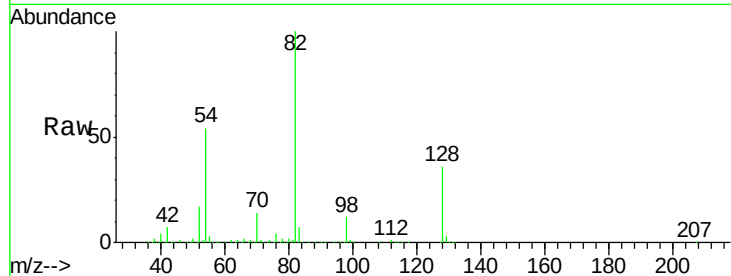




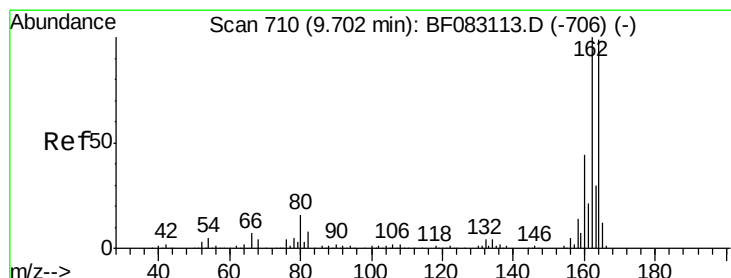
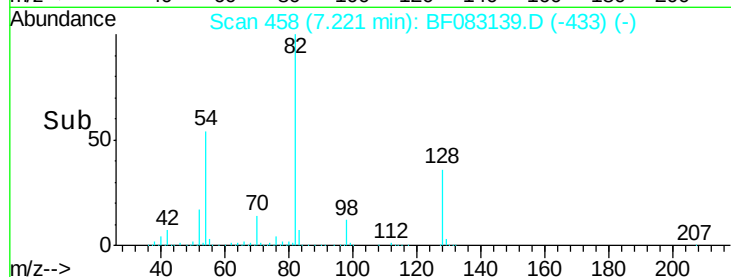
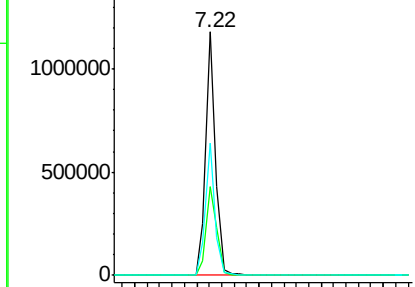
#23
Nitrobenzene-d5
Concen: 80.24 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083139.D
Acq: 22 Nov 2015 5:31

Instrument :
BNA_F
ClientSampleId :
LIBERTY SF_002-SPLPSVOC3

Tot Ion: 82 Resp: 1319421
Ion Ratio Lower Upper
82 100
128 36.4 28.5 42.7
54 54.3 44.6 67.0

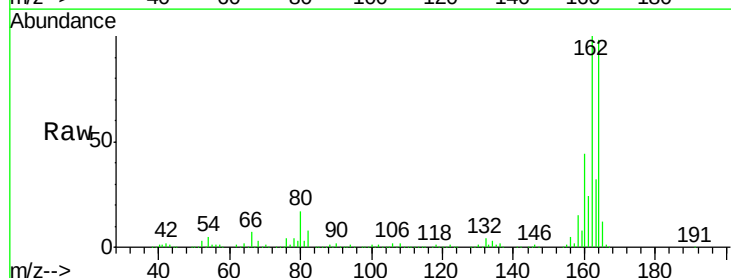


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

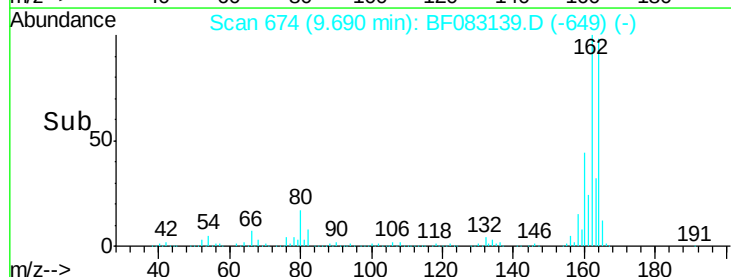
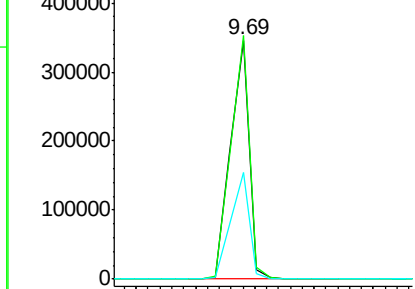


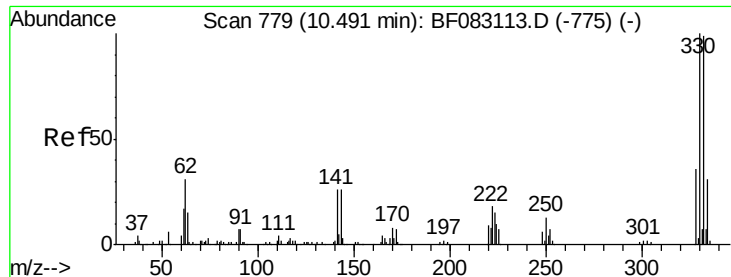
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083139.D
Acq: 22 Nov 2015 5:31

Tgt Ion:164 Resp: 375556
Ion Ratio Lower Upper
164 100
162 102.1 81.2 121.8
160 44.9 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

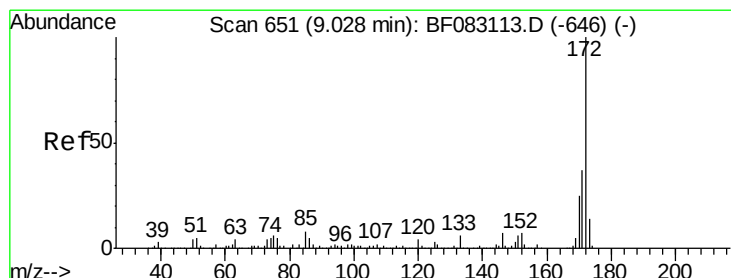
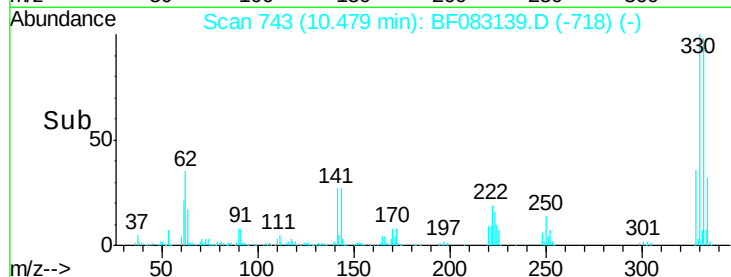
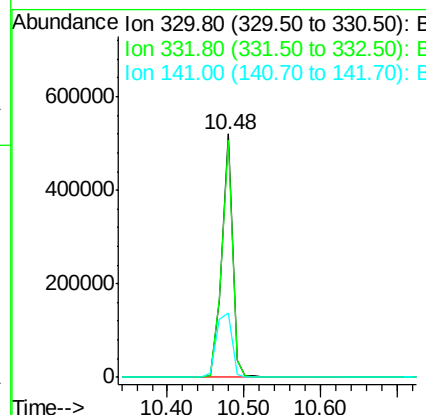
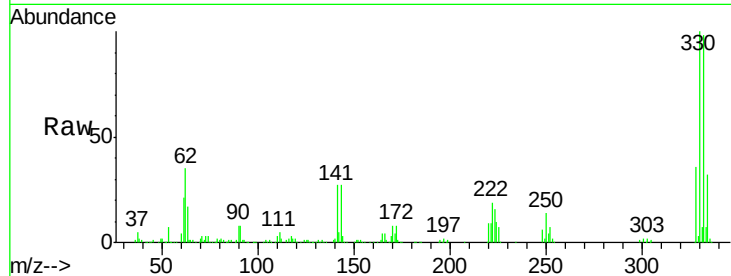




#41
 2,4,6-Tribromophenol
 Concen: 132.26 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083139.D
 Acq: 22 Nov 2015 5:31

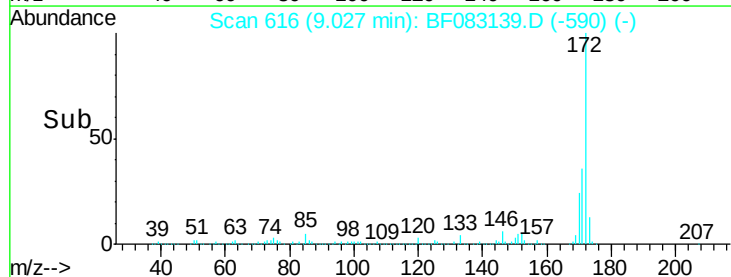
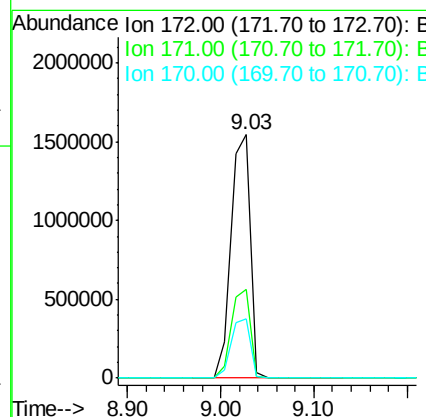
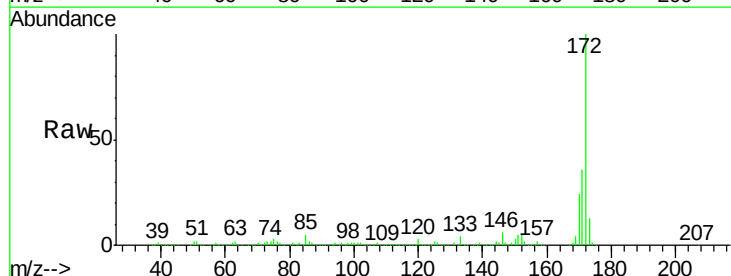
Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY SF_002-SPLPSVOC3

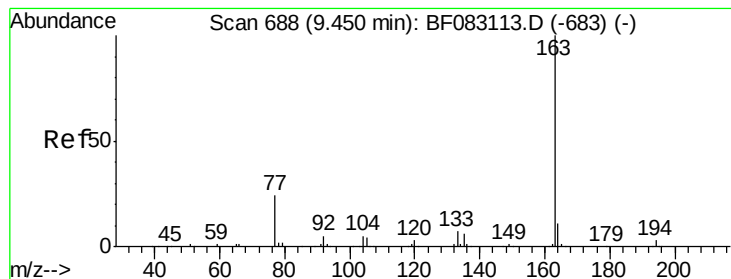
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.7	116.5
141	38.0	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 82.63 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083139.D
 Acq: 22 Nov 2015 5:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	24.3	19.9	29.9





#49

Dimethylphthalate

Concen: 2.74 ng

RT: 9.43 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF083139.D

Acq: 22 Nov 2015 5:31

Instrument :

BNA_F

ClientSampleId :

LIBERTY SF_002-SPLPSVOC3

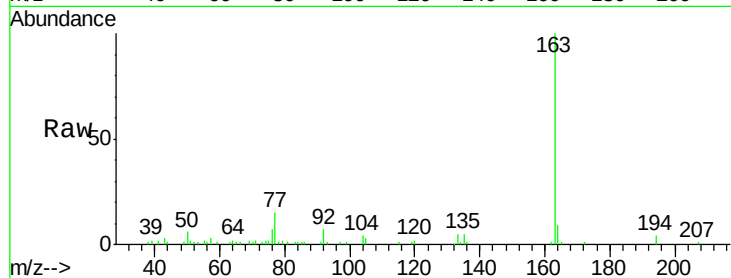
Tot Ion:163 Resp: 79176

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

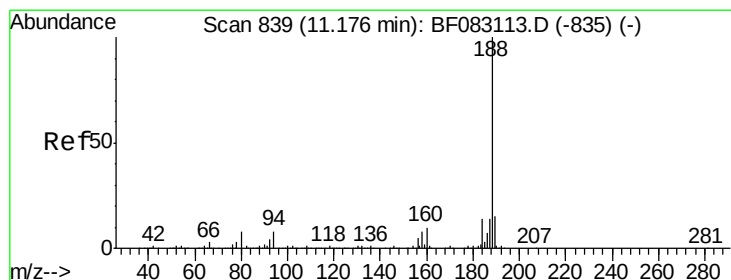
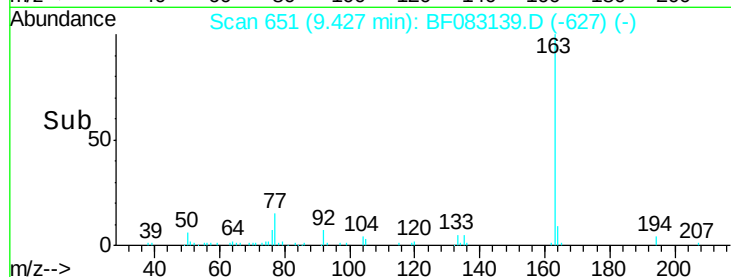
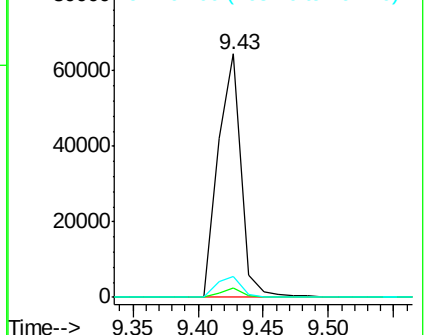
164 8.8 8.6 12.8



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: BF083139.D

Acq: 22 Nov 2015 5:31

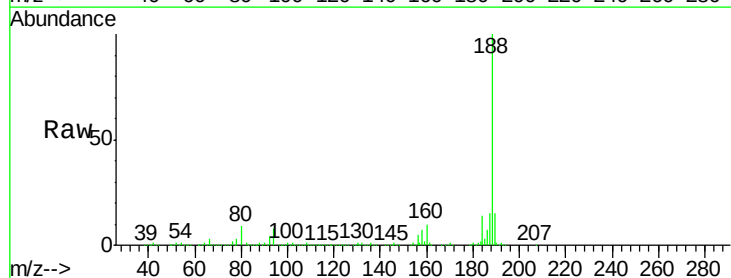
Tgt Ion:188 Resp: 726571

Ion Ratio Lower Upper

188 100

94 8.1 6.0 9.0

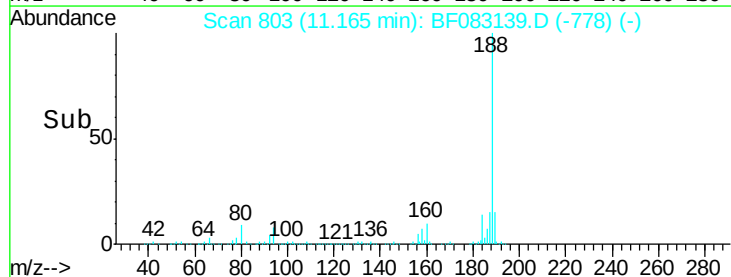
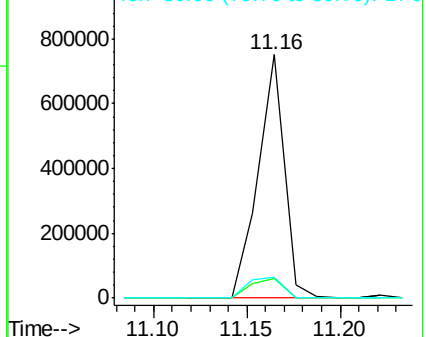
80 8.6 6.7 10.1

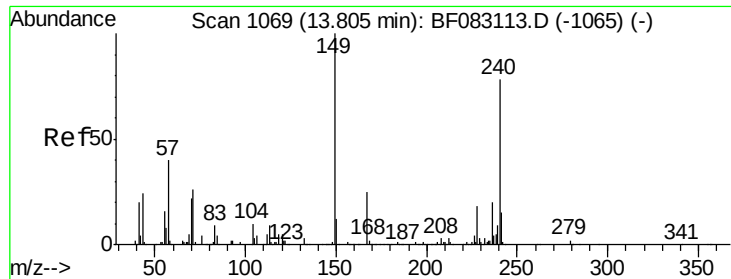


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF083139.D

Acq: 22 Nov 2015 5:31

Instrument :

BNA_F

ClientSampleId :

LIBERTY SF_002-SPLPSVOC3

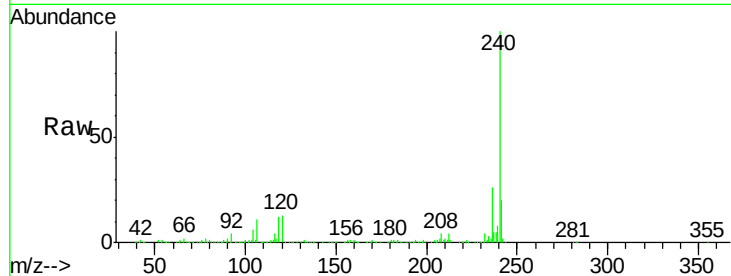
Tot Ion:240 Resp: 643013

Ion Ratio Lower Upper

240 100

120 13.2 5.4 8.2#

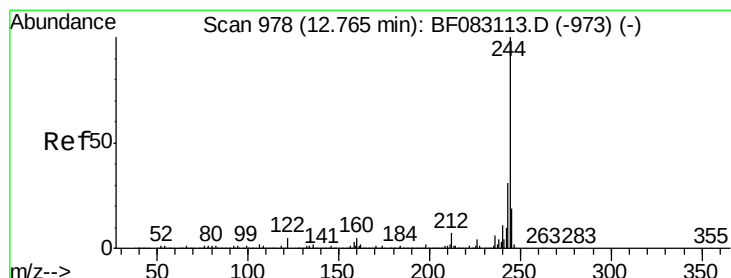
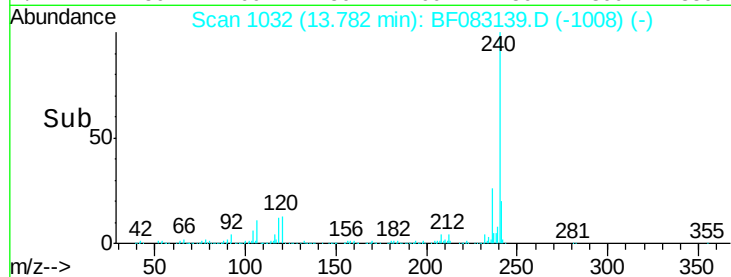
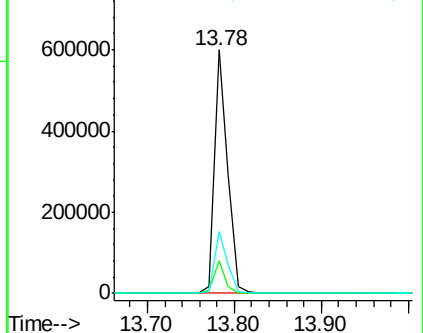
236 25.6 20.6 31.0



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: 79.32 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083139.D

Acq: 22 Nov 2015 5:31

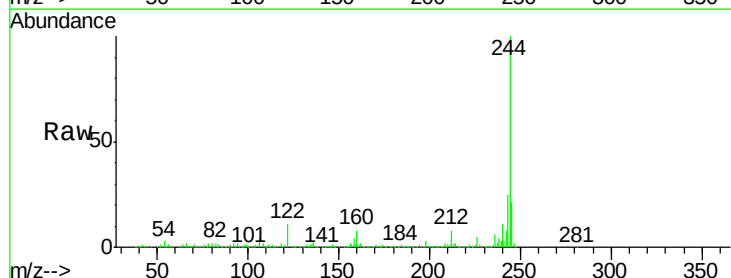
Tgt Ion:244 Resp: 2165925

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.2

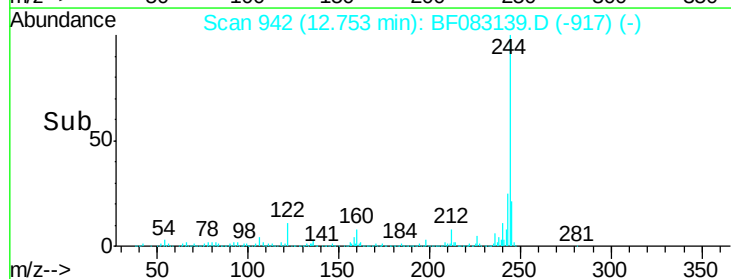
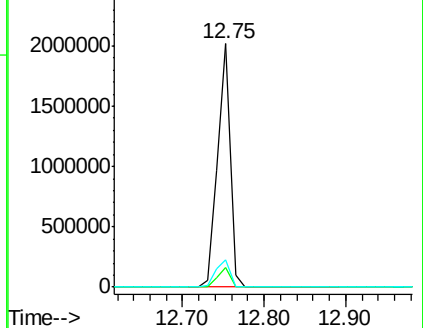
122 11.3 4.3 6.5#

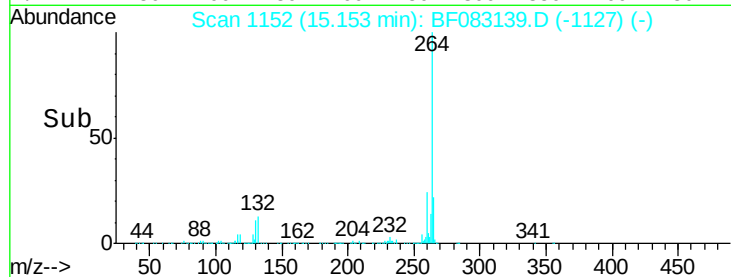
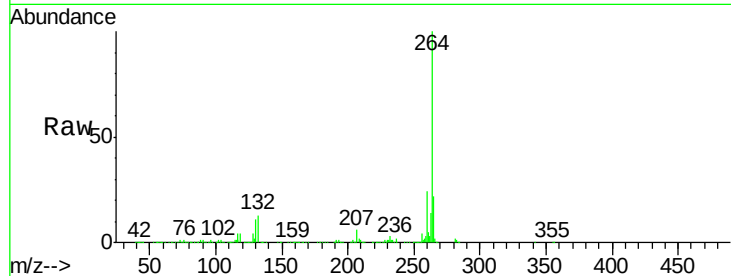
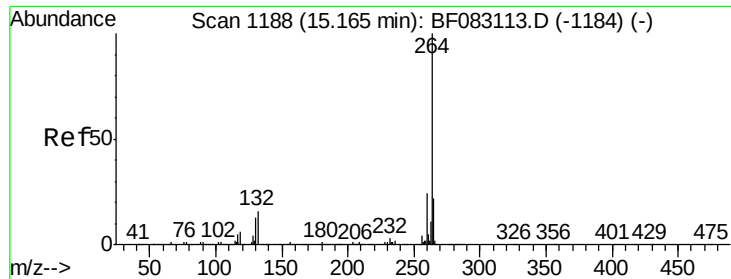


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF083139.D

Acq: 22 Nov 2015 5:31

Instrument :

BNA_F

ClientSampleId :

LIBERTY SF_002-SPLPSVOC3

Tot Ion: 264 Resp: 547762

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 21.8 18.2 27.4

