

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083172.D
 Acq On : 22 Nov 2015 21:40
 Operator : UM/IZ
 Sample : G4443-03RE
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151109MGP215BRV84

Quant Time: Nov 23 03:41:30 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

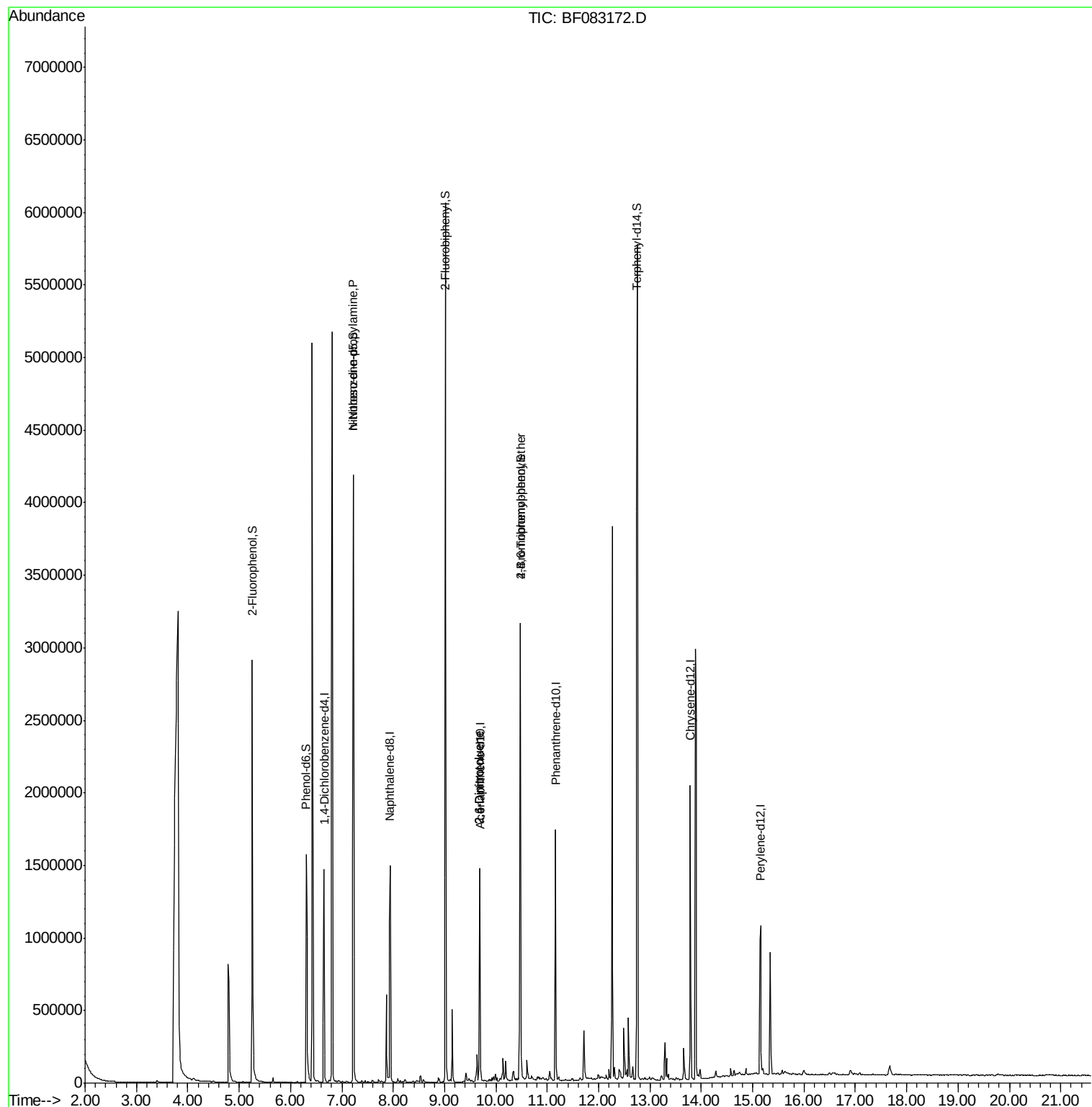
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	236234	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	890277	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	445309	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	822204	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	693727	20.00	ng	-0.02
86) Perylene-d12	15.15	264	589009	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	882446	56.48	ng	-0.02
7) Phenol-d6	6.31	99	727490	35.98	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1619727	83.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	567843	124.64	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2534366	79.36	ng	-0.01
78) Terphenyl-d14	12.75	244	2274958	77.22	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.32	77	1273	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.22	70	224444	15.95	ng	# 76
50) 2,6-Dinitrotoluene	9.68	165	57645	7.49	ng	# 13
56) 2,4-Dinitrotoluene	9.68	165	57645	5.91	ng	# 10
66) 4-Bromophenyl-phenylether	10.48	248	37919	4.16	ng	# 1

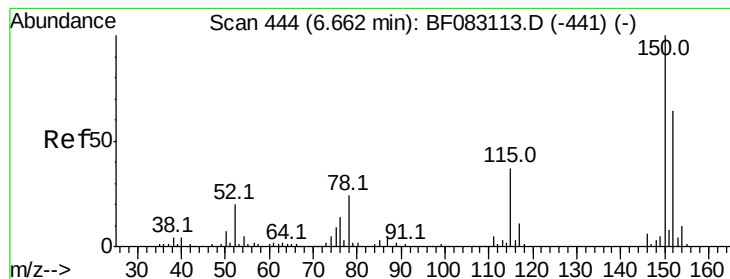
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083172.D
Acq On : 22 Nov 2015 21:40
Operator : UM/IZ
Sample : G4443-03RE
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151109MGP215BRV84

Quant Time: Nov 23 03:41:30 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: BF083172.D

Acq: 22 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

20151109MGP215BRV84

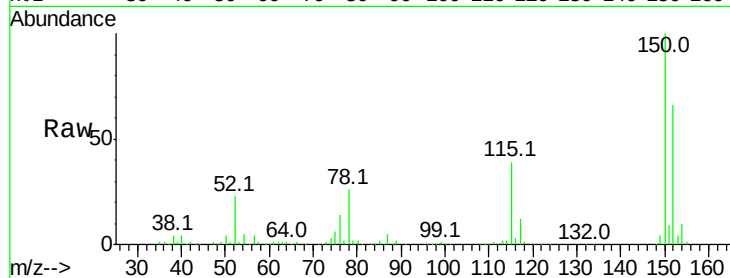
Tot Ion:152 Resp: 236234

Ion Ratio Lower Upper

152 100

150 152.3 125.8 188.8

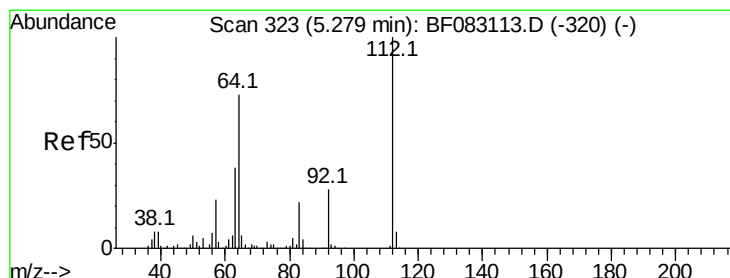
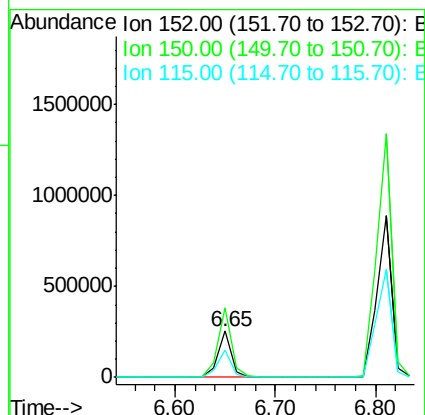
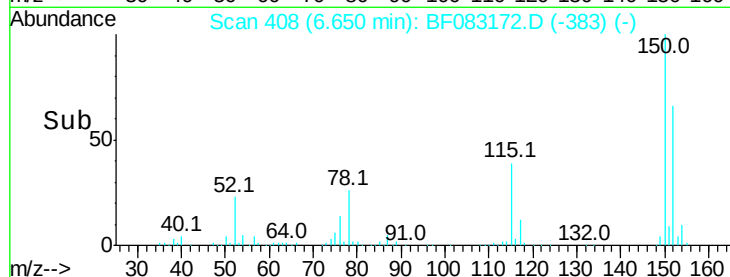
115 59.1 46.9 70.3



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: 56.48 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083172.D

Acq: 22 Nov 2015 21:40

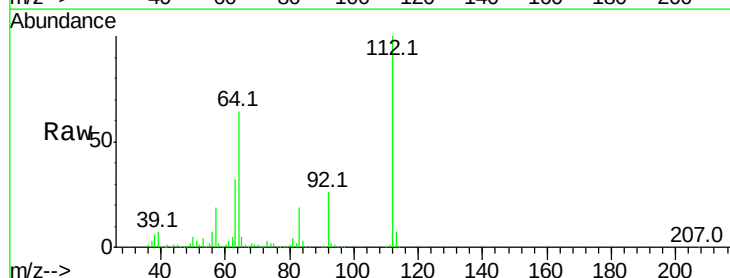
Tgt Ion:112 Resp: 882446

Ion Ratio Lower Upper

112 100

64 63.9 58.4 87.6

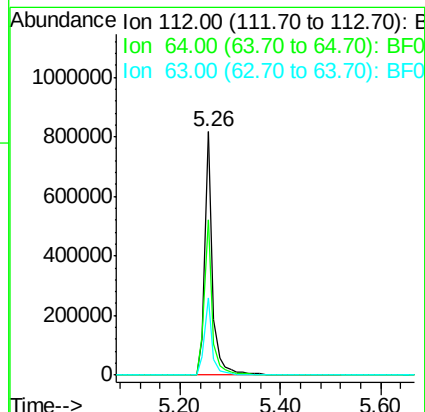
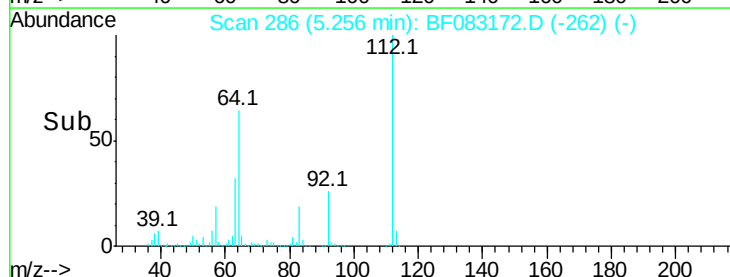
63 31.5 30.0 45.0

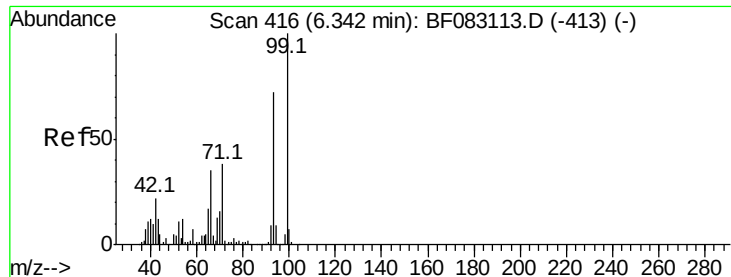


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.98 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083172.D

Acq: 22 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

20151109MGP215BRV84

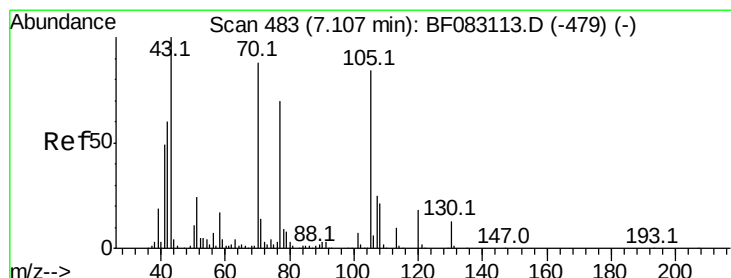
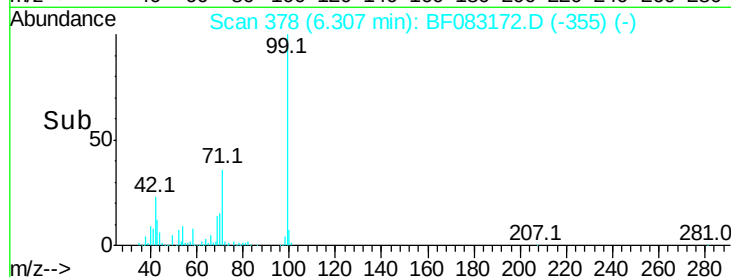
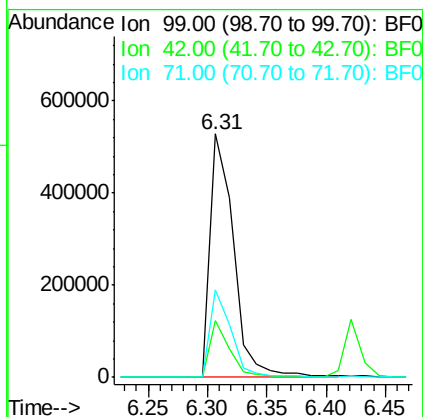
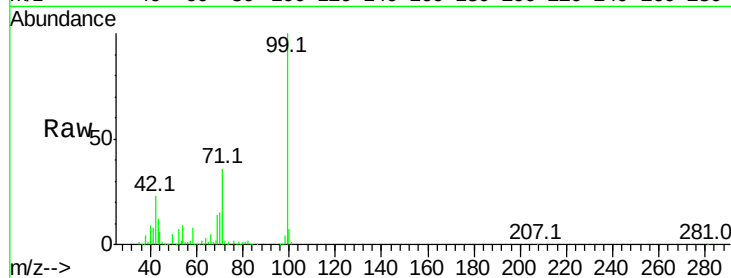
Tot Ion: 99 Resp: 727490

Ion Ratio Lower Upper

99 100

42 23.2 17.7 26.5

71 36.0 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.95 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083172.D

Acq: 22 Nov 2015 21:40

Tgt Ion: 70 Resp: 224444

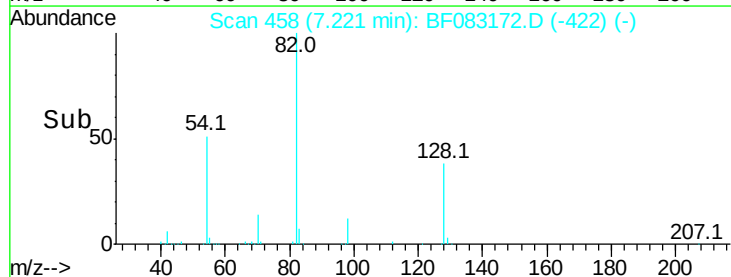
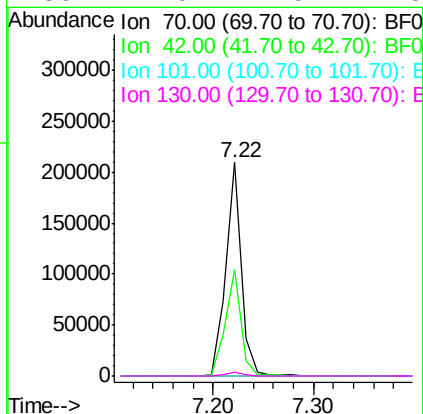
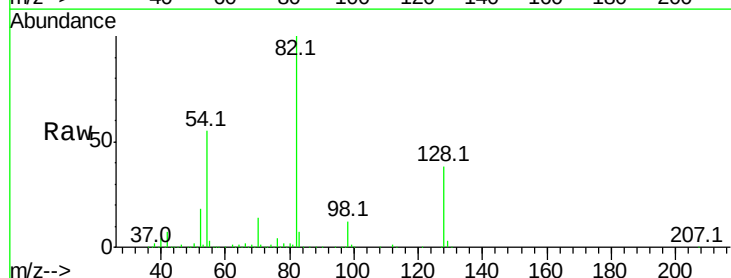
Ion Ratio Lower Upper

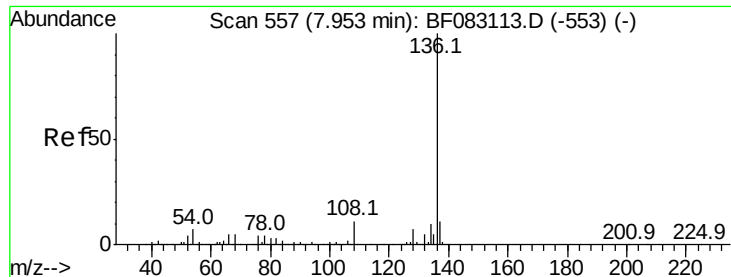
70 100

42 49.9 54.5 81.7#

101 0.0 6.6 9.8#

130 2.0 11.5 17.3#

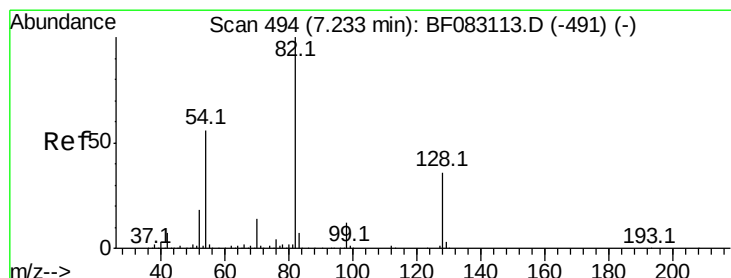
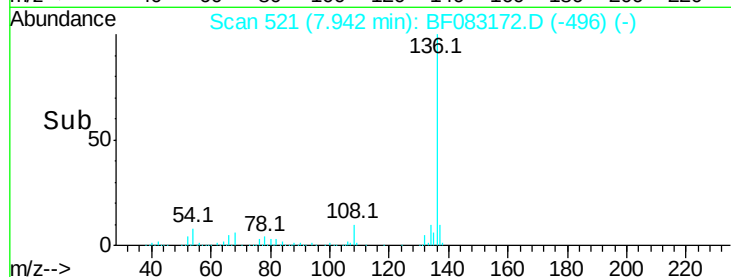
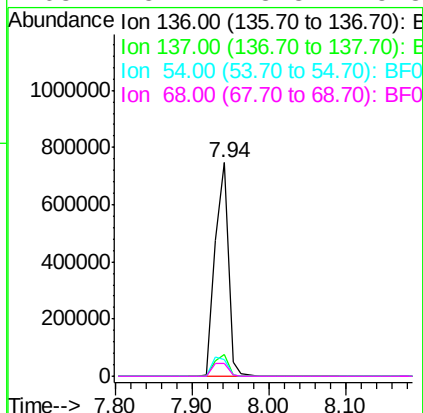
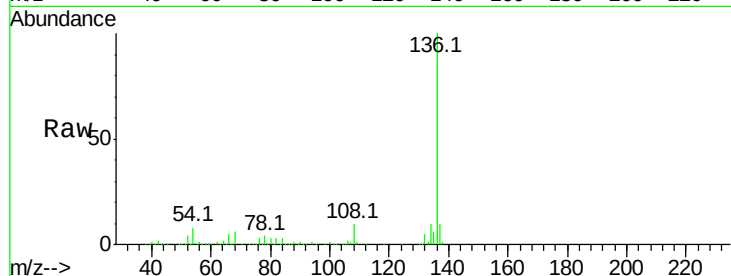




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083172.D
Acq: 22 Nov 2015 21:40

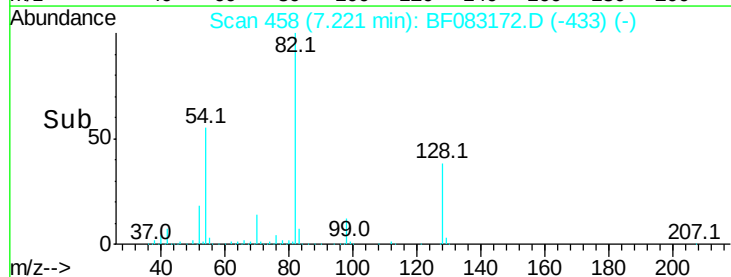
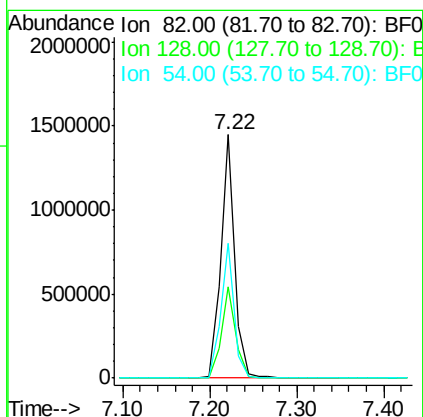
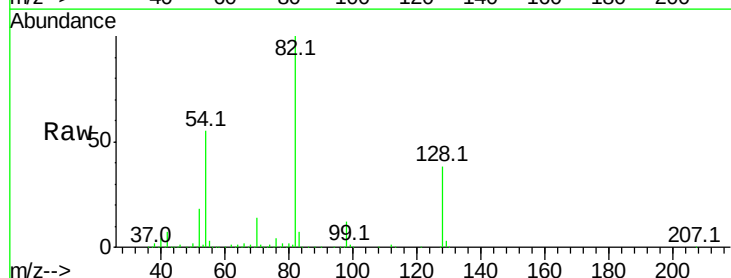
Instrument :
BNA_F
ClientSampleId :
20151109MGP215BRV84

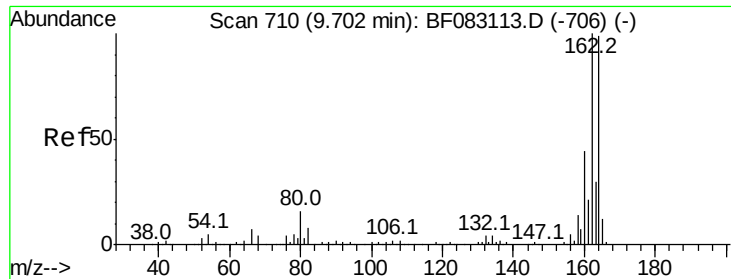
Tot Ion:136	Resp: 890277
Ion Ratio	Lower Upper
136 100	
137 10.5	8.7 13.1
54 7.6	5.8 8.6
68 5.7	3.8 5.8



#23
Nitrobenzene-d5
Concen: 83.13 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083172.D
Acq: 22 Nov 2015 21:40

Tgt Ion: 82	Resp: 1619727
Ion Ratio	Lower Upper
82 100	
128 37.8	28.5 42.7
54 55.2	44.6 67.0

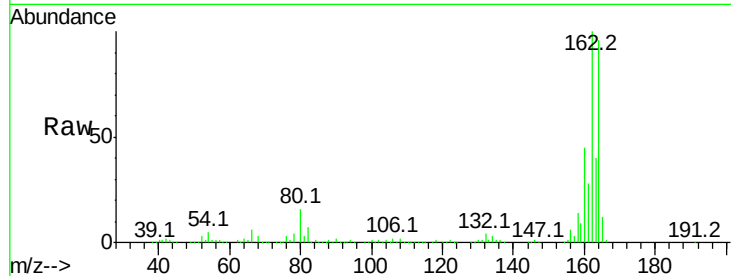




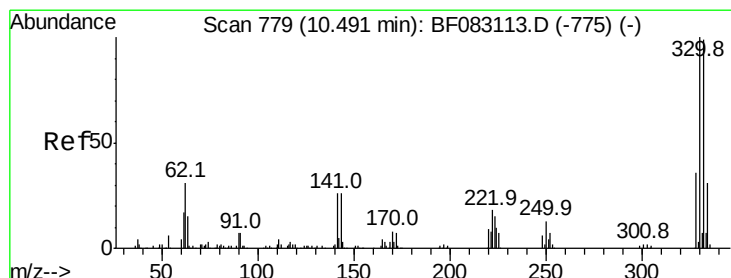
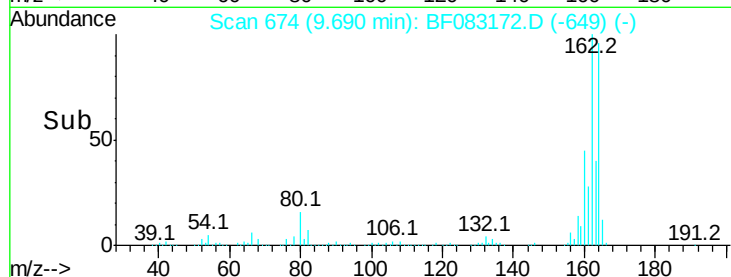
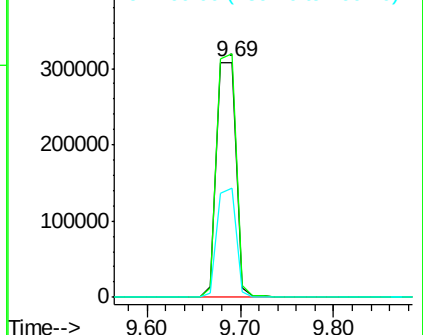
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083172.D
Acq: 22 Nov 2015 21:40

Instrument :
BNA_F
ClientSampleId :
20151109MGP215BRV84

Tot Ion:164 Resp: 445309
Ion Ratio Lower Upper
164 100
162 103.7 81.2 121.8
160 46.5 35.6 53.4

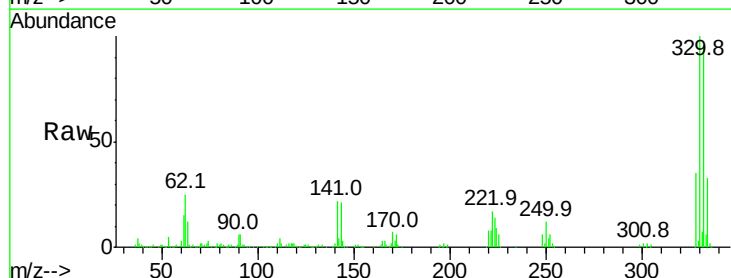


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

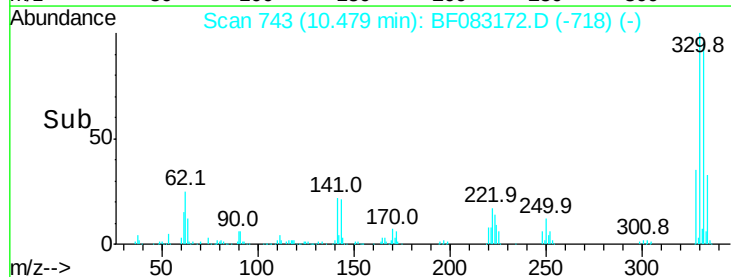
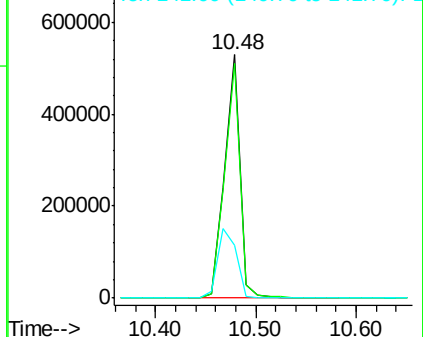


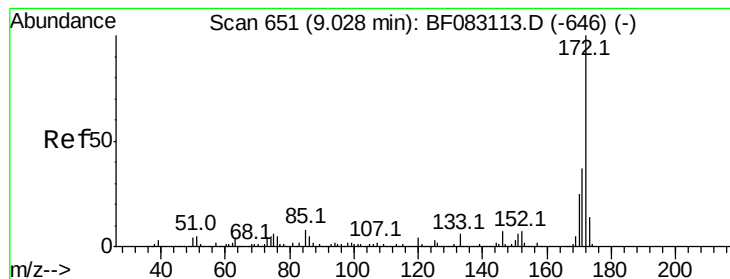
#41
2,4,6-Tribromophenol
Concen: 124.64 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083172.D
Acq: 22 Nov 2015 21:40

Tgt Ion:330 Resp: 567843
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 35.5 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

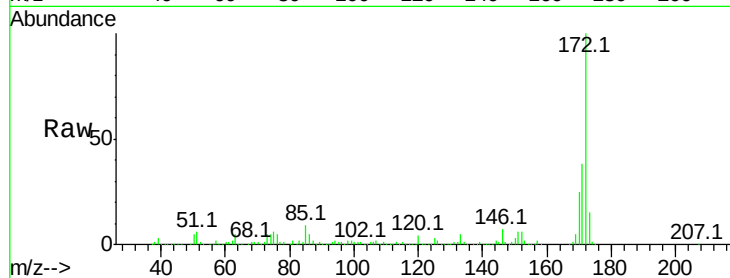




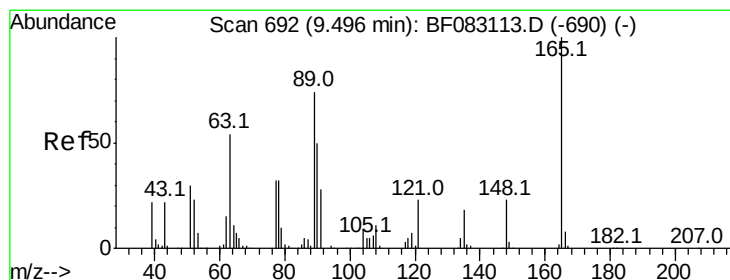
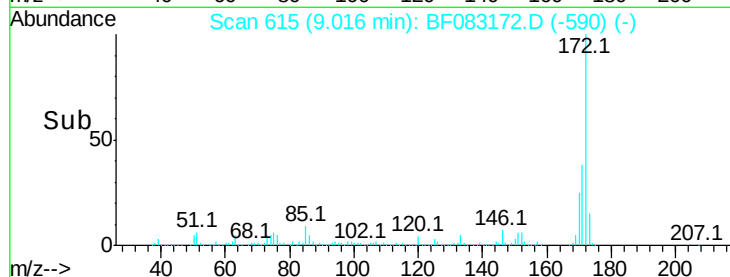
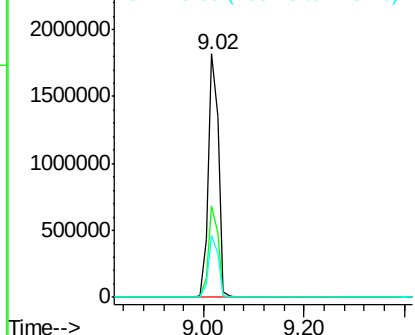
#44
 2-Fluorobiphenyl
 Concen: 79.36 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083172.D
 Acq: 22 Nov 2015 21:40

Instrument :
 BNA_F
 ClientSampleId :
 20151109MGP215BRV84

Tot Ion:172 Resp: 2534366
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.5 44.3
 170 25.3 19.9 29.9

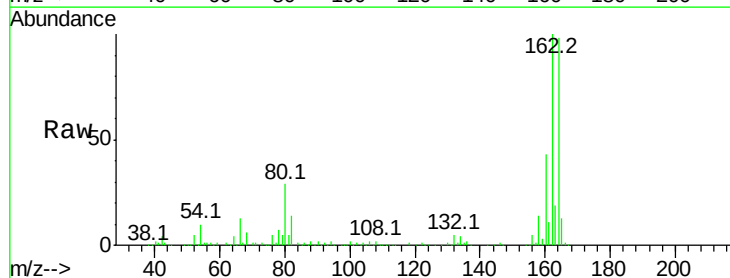


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

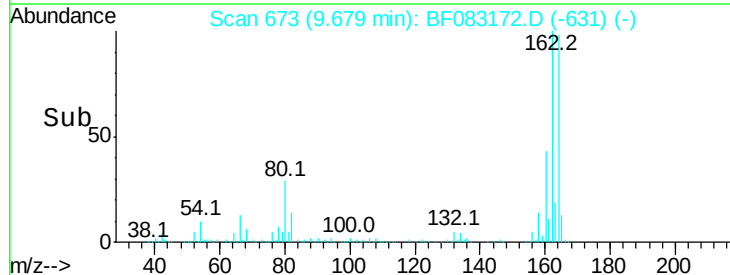
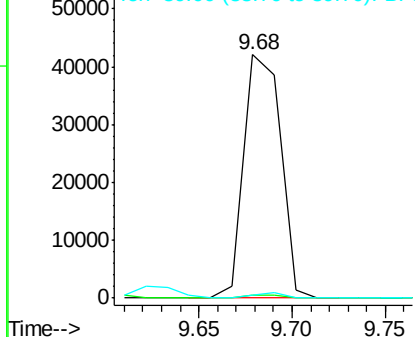


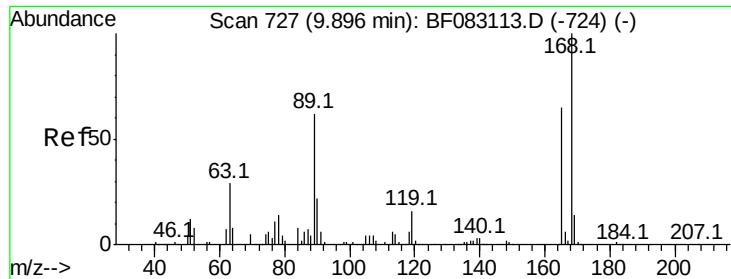
#50
 2,6-Dinitrotoluene
 Concen: 7.49 ng
 RT: 9.68 min Scan# 673
 Delta R.T. 0.18 min
 Lab File: BF083172.D
 Acq: 22 Nov 2015 21:40

Tgt Ion:165 Resp: 57645
 Ion Ratio Lower Upper
 165 100
 63 1.5 62.5 93.7#
 89 1.4 59.1 88.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5.91 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.22 min

Lab File: BF083172.D

Acq: 22 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

20151109MGP215BRV84

Tot Ion:165 Resp: 57645

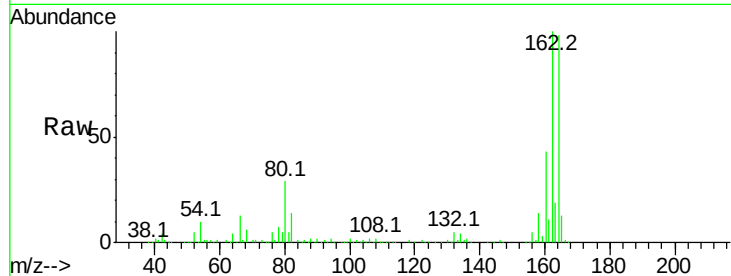
Ion Ratio Lower Upper

165 100

63 1.5 54.5 81.7#

89 1.4 77.3 115.9#

182 0.0 1.8 2.6#

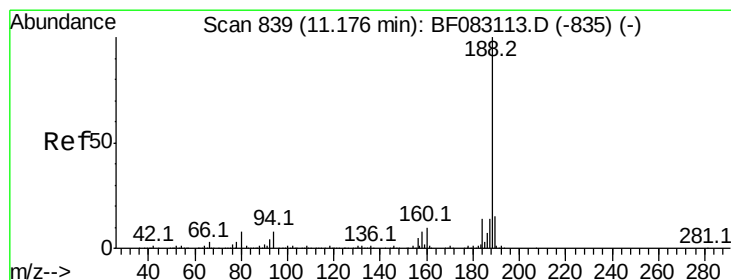
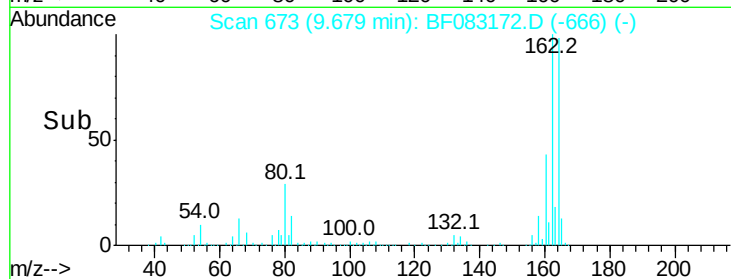
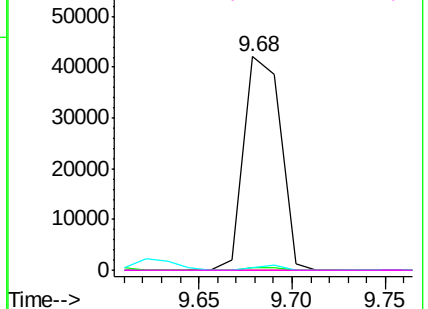


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF083172.D

Acq: 22 Nov 2015 21:40

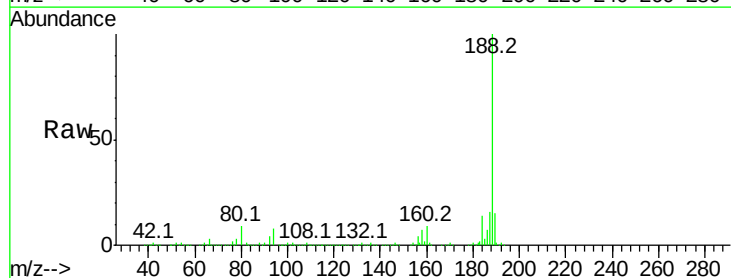
Tgt Ion:188 Resp: 822204

Ion Ratio Lower Upper

188 100

94 7.8 6.0 9.0

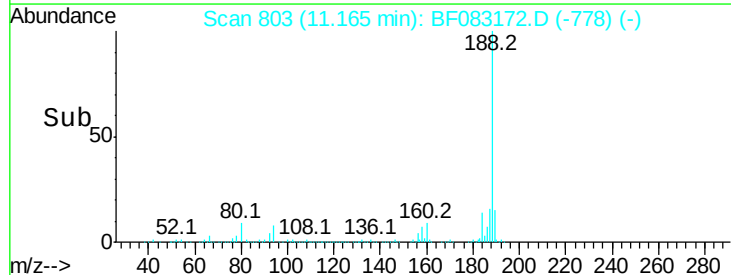
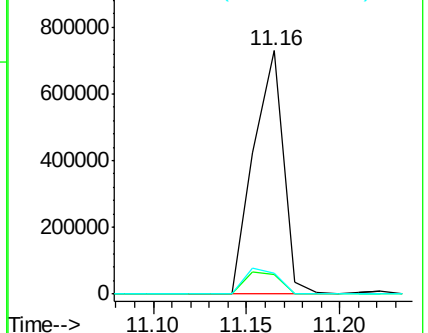
80 8.8 6.7 10.1

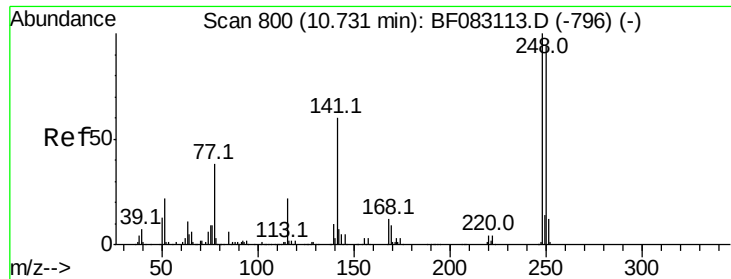


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.16 ng

RT: 10.48 min Scan# 743

Delta R.T. -0.25 min

Lab File: BF083172.D

Acq: 22 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

20151109MGP215BRV84

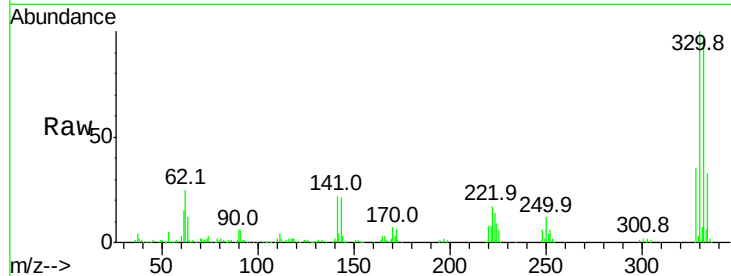
Tot Ion:248 Resp: 37919

Ion Ratio Lower Upper

248 100

250 210.5 75.4 113.2#

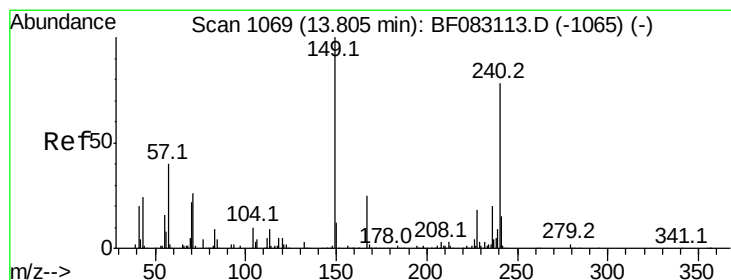
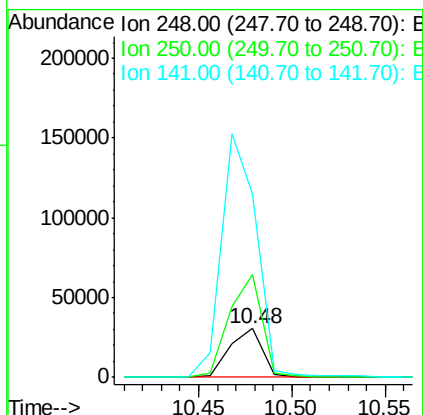
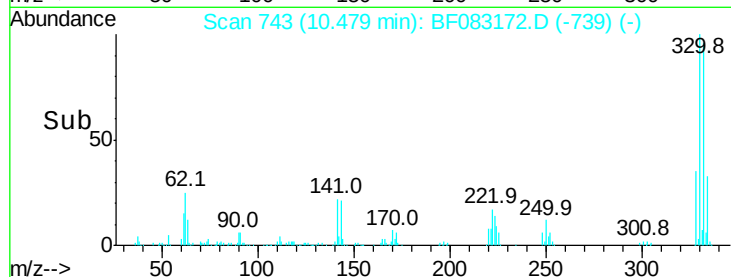
141 376.4 48.1 72.1#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083172.D

Acq: 22 Nov 2015 21:40

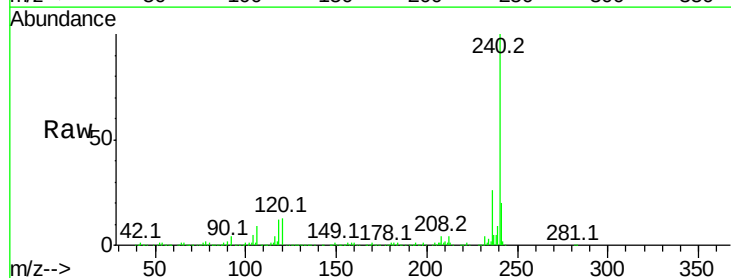
Tgt Ion:240 Resp: 693727

Ion Ratio Lower Upper

240 100

120 12.9 5.4 8.2#

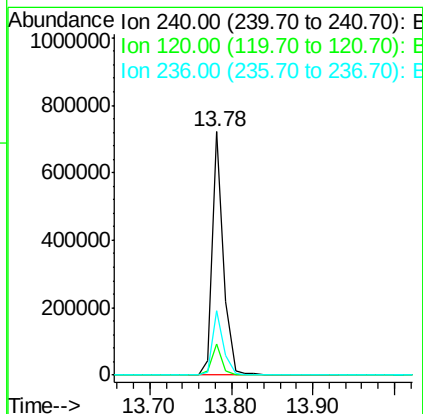
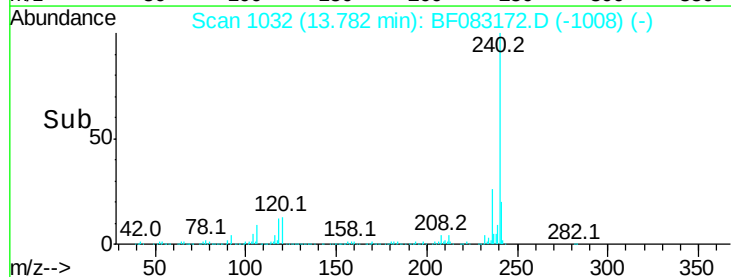
236 26.3 20.6 31.0

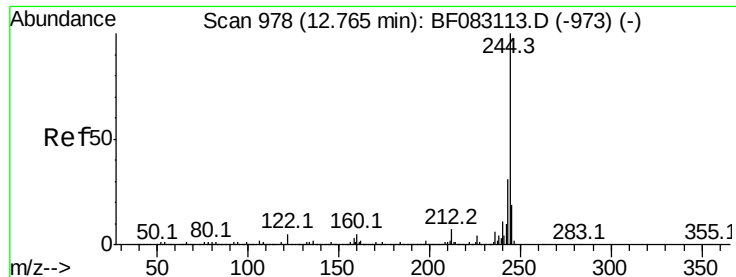


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.22 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083172.D

Acq: 22 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

20151109MGP215BRV84

Tot Ion:244 Resp: 2274958

Ion Ratio Lower Upper

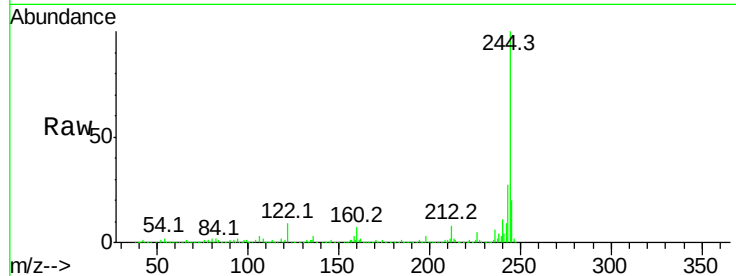
244 100

212 7.7

122 9.2

5.4 8.2

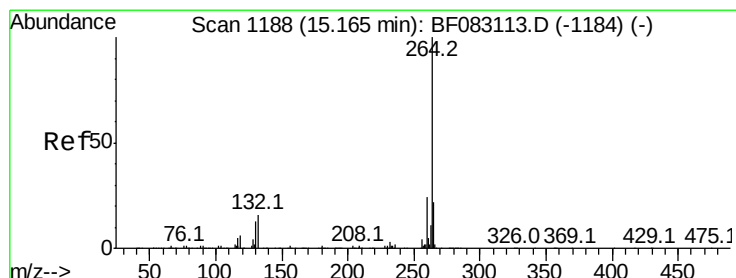
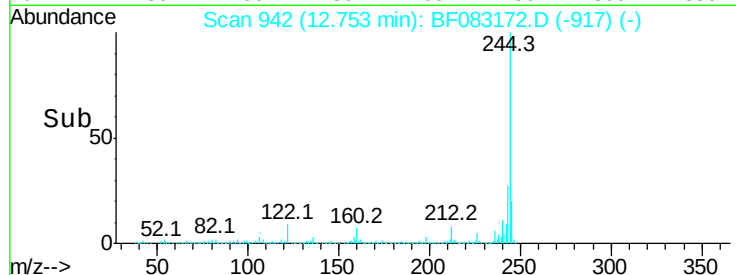
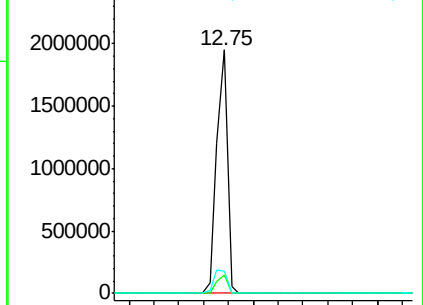
4.3 6.5#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083172.D

Acq: 22 Nov 2015 21:40

Tgt Ion:264 Resp: 589009

Ion Ratio Lower Upper

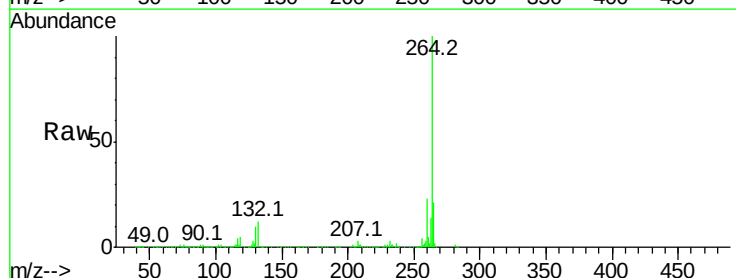
264 100

260 22.8

265 20.7

19.1 28.7

18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

