

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
 Data File : BF091305.D
 Acq On : 24 Nov 2016 9:54
 Operator : UM/SJ
 Sample : PB94898BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BL

Quant Time: Nov 25 00:01:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

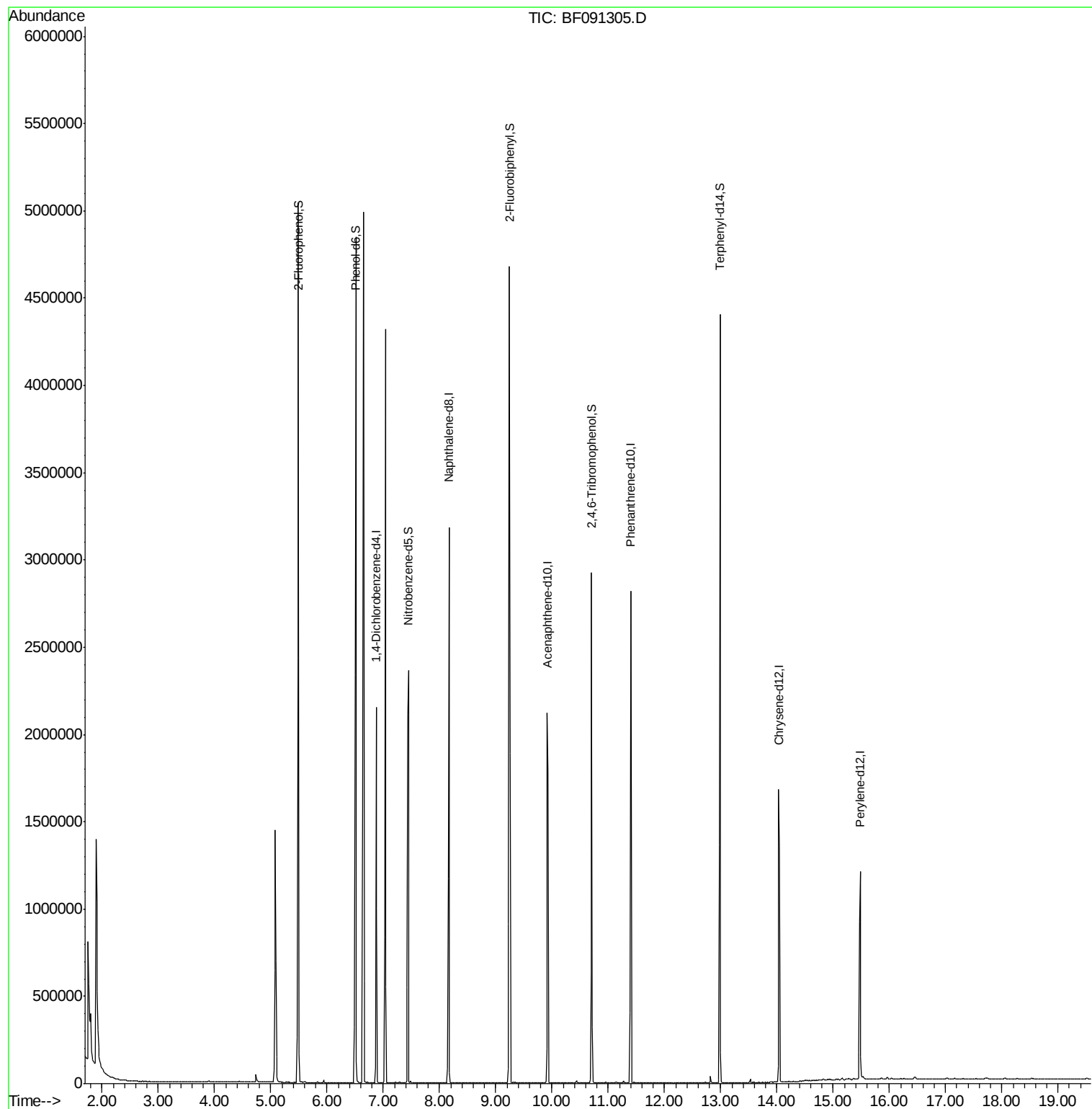
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	350649	40.00	ng	0.00
21) Naphthalene-d8	8.17	136	1457601	40.00	ng	0.00
38) Acenaphthene-d10	9.92	164	694929	40.00	ng	0.00
63) Phenanthrene-d10	11.40	188	963440	40.00	ng	0.00
75) Chrysene-d12	14.03	240	839041	40.00	ng	-0.01
86) Perylene-d12	15.48	264	628536	40.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1335644	122.40	ng	0.02
7) Phenol-d6	6.51	99	1653770	117.96	ng	0.01
23) Nitrobenzene-d5	7.45	82	1123169	88.72	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	319424	91.16	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1785362	84.13	ng	0.00
78) Terphenyl-d14	12.99	244	1392283	75.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.65	77	32215	2.57	ng	Qvalue 83
66) 4-Bromophenyl-phenylether	10.70	248	20535	3.90	ng	# 1

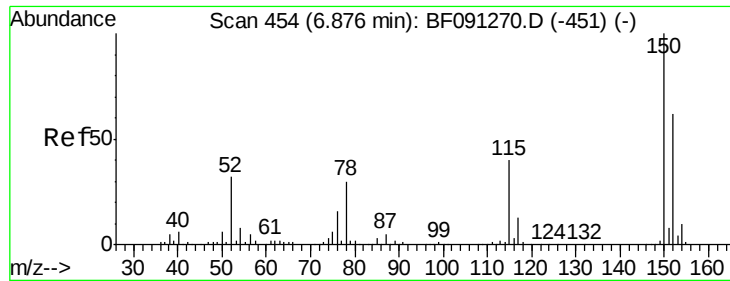
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
Data File : BF091305.D
Acq On : 24 Nov 2016 9:54
Operator : UM/SJ
Sample : PB94898BL
Misc :
ALS Vial : 26 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
PB94898BL

Quant Time: Nov 25 00:01:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 13:22:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF091305.D

Acq: 24 Nov 2016 9:54

Instrument :

BNA_F

ClientSampleId :

PB94898BL

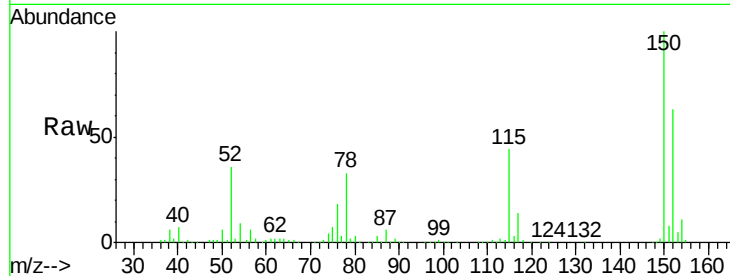
Tot Ion:152 Resp: 350649

Ion Ratio Lower Upper

152 100

150 159.3 122.5 183.7

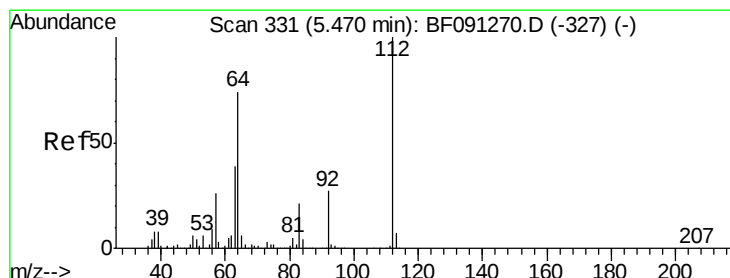
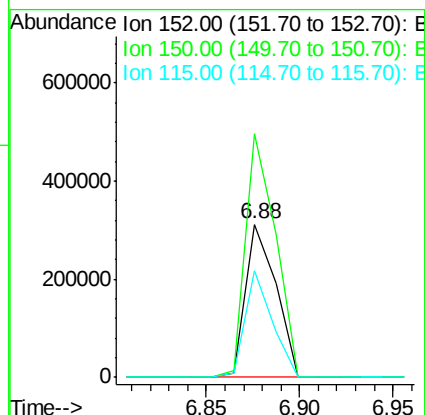
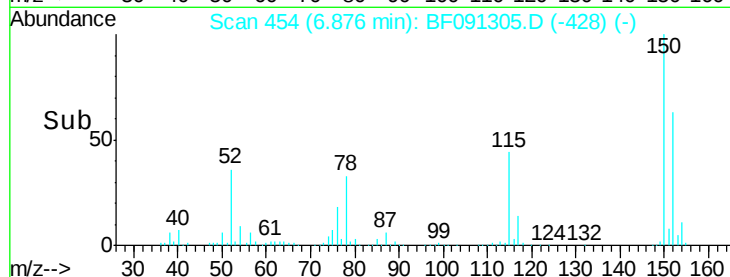
115 70.0 51.8 77.8



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: 122.40 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091305.D

Acq: 24 Nov 2016 9:54

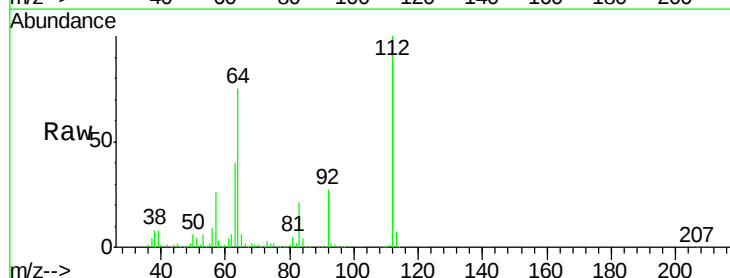
Tgt Ion:112 Resp: 1335644

Ion Ratio Lower Upper

112 100

64 75.2 61.5 92.3

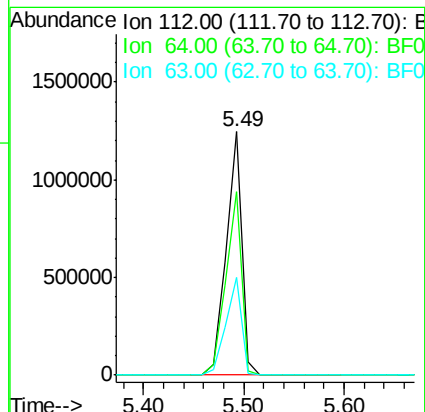
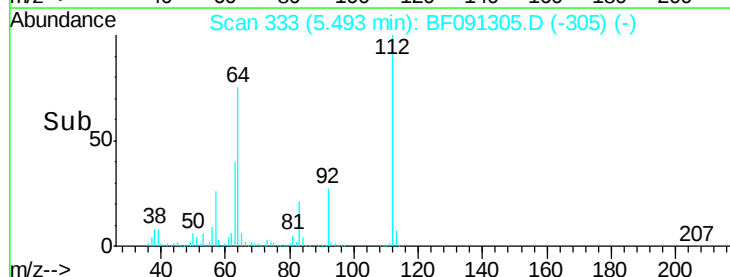
63 40.2 33.3 49.9

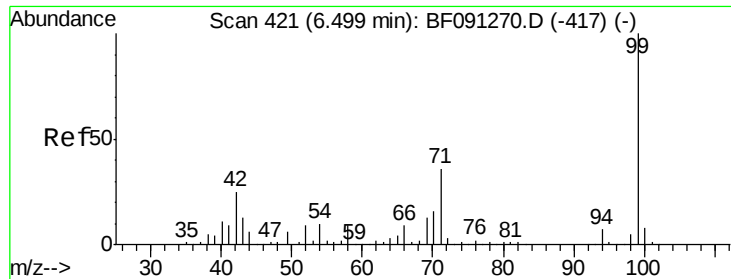


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.96 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091305.D

Acq: 24 Nov 2016 9:54

Instrument :

BNA_F

ClientSampleId :

PB94898BL

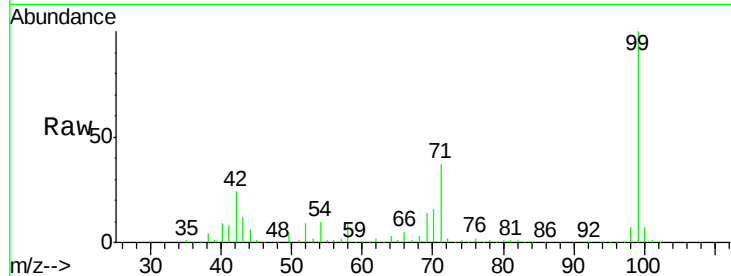
Tot Ion: 99 Resp: 1653770

Ion Ratio Lower Upper

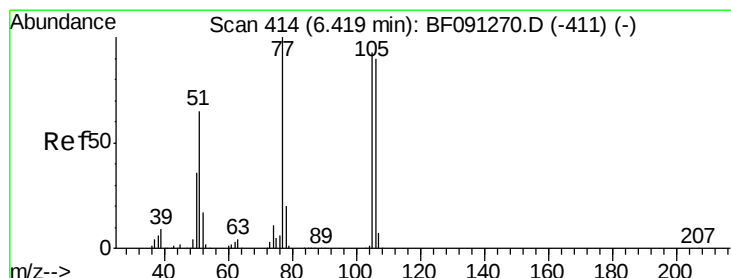
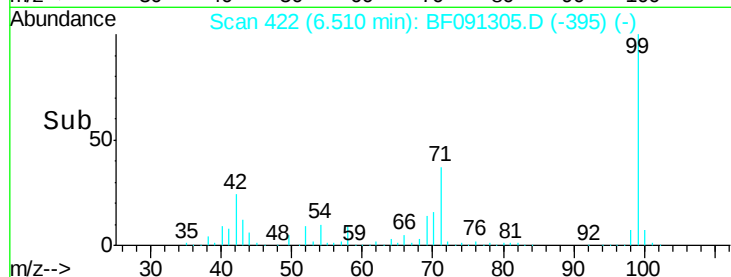
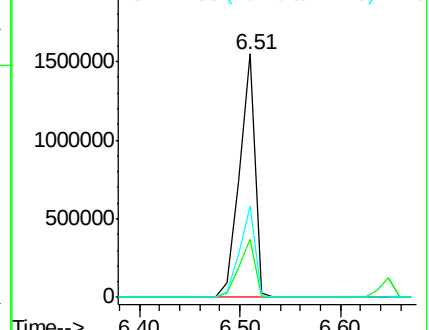
99 100

42 24.1 20.6 31.0

71 37.3 29.9 44.9



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



#9

Benzaldehyde

Concen: 2.57 ng

RT: 6.65 min Scan# 434

Delta R.T. 0.23 min

Lab File: BF091305.D

Acq: 24 Nov 2016 9:54

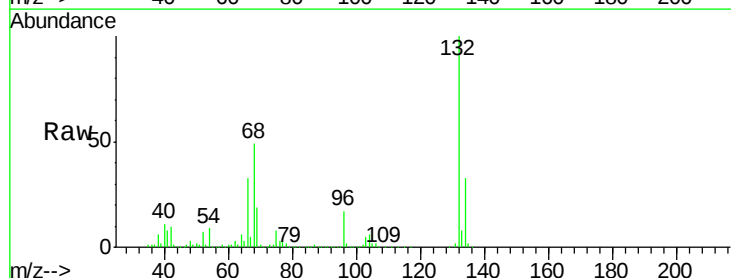
Tgt Ion: 77 Resp: 32215

Ion Ratio Lower Upper

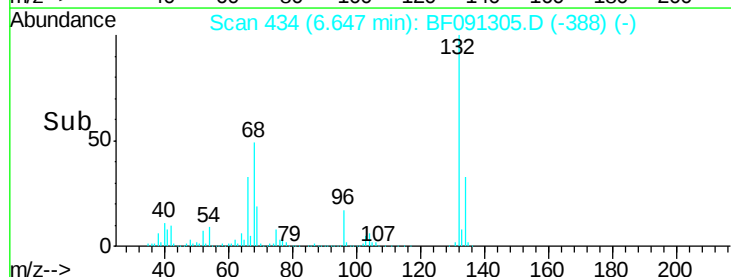
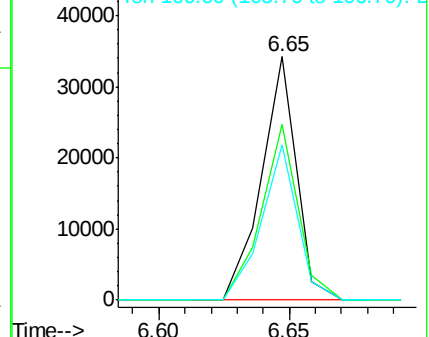
77 100

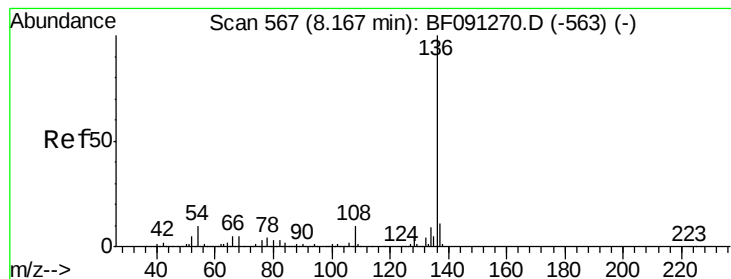
105 72.1 66.4 106.4

106 64.1 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.17 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF091305.D

Acq: 24 Nov 2016 9:54

Instrument :

BNA_F

ClientSampleId :

PB94898BL

Tot Ion:136 Resp: 1457601

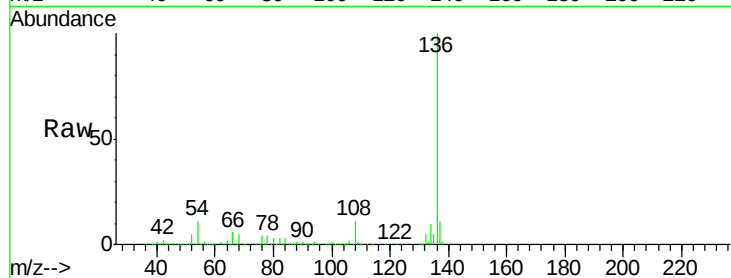
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 10.5 9.1 13.7

68 5.4 5.9 8.9#

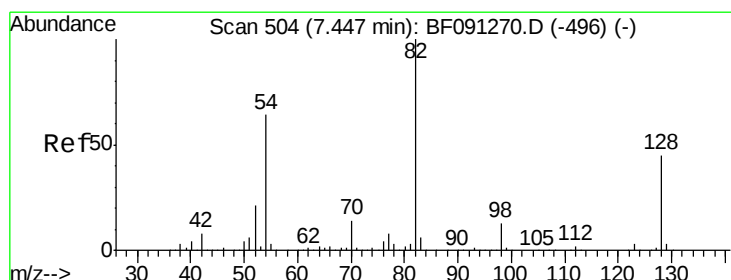
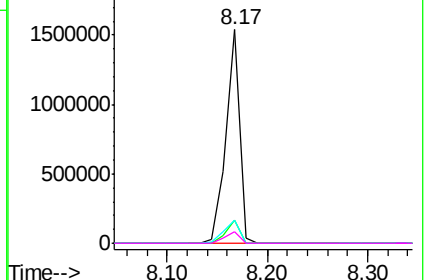
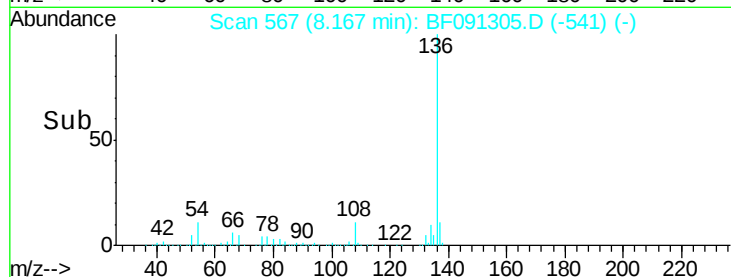


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.72 ng

RT: 7.45 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF091305.D

Acq: 24 Nov 2016 9:54

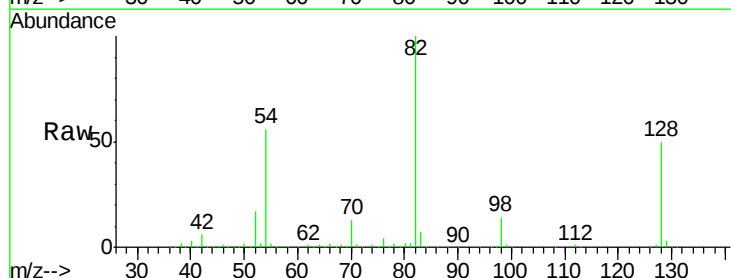
Tgt Ion: 82 Resp: 1123169

Ion Ratio Lower Upper

82 100

128 50.5 31.8 47.6#

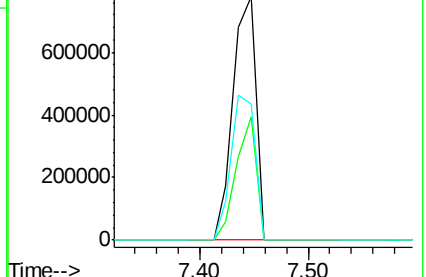
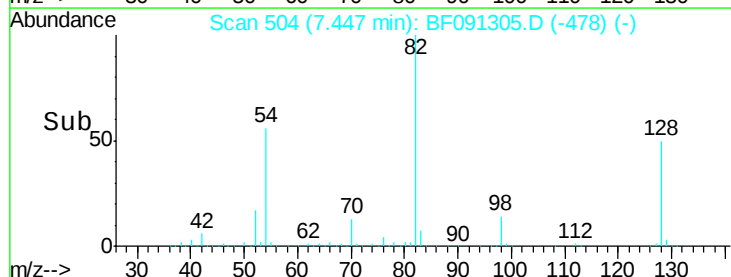
54 56.1 49.1 73.7

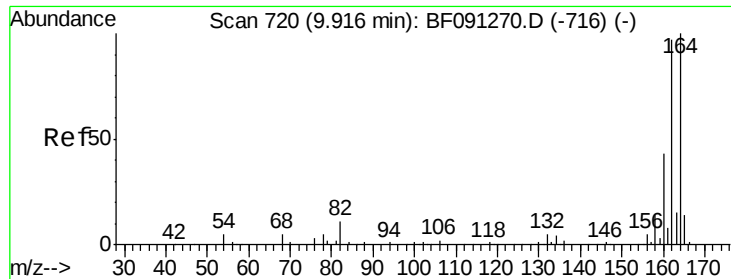


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF091305.D

Acq: 24 Nov 2016 9:54

Instrument :

BNA_F

ClientSampleId :

PB94898BL

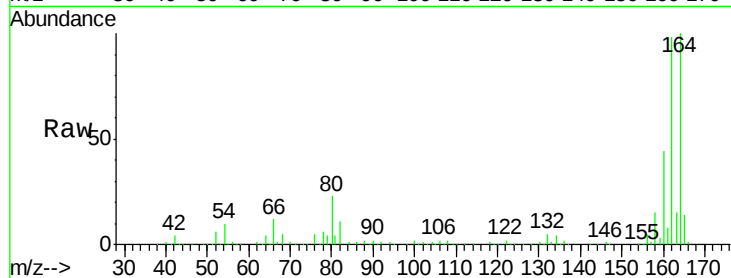
Tot Ion:164 Resp: 694929

Ion Ratio Lower Upper

164 100

162 97.6 82.6 124.0

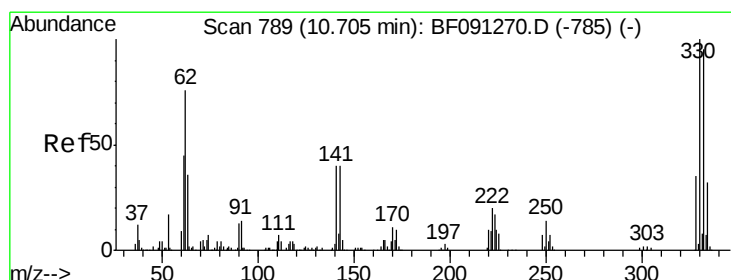
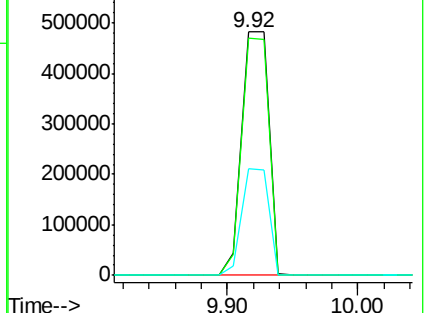
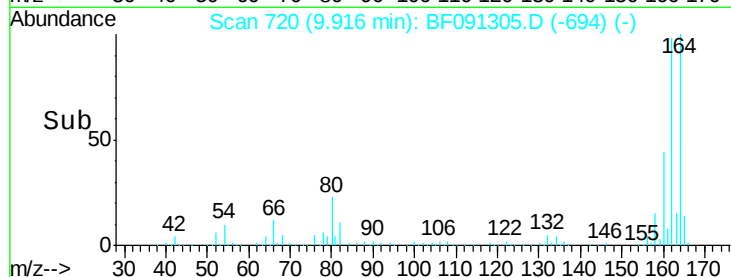
160 43.9 36.7 55.1



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: 91.16 ng

RT: 10.70 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF091305.D

Acq: 24 Nov 2016 9:54

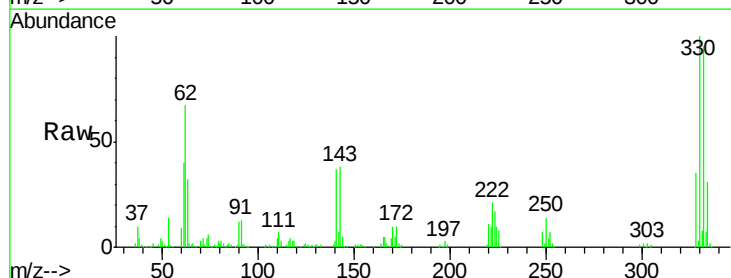
Tgt Ion:330 Resp: 319424

Ion Ratio Lower Upper

330 100

332 95.2 76.2 114.4

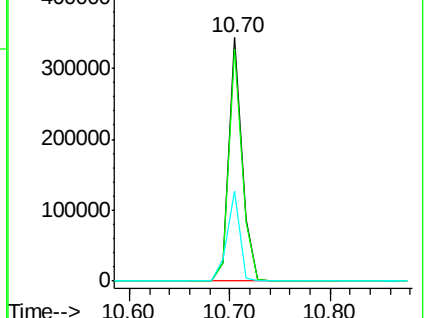
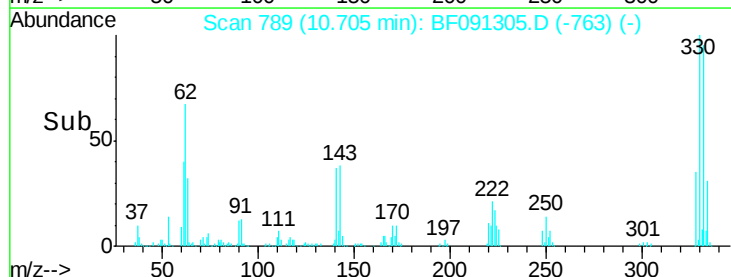
141 35.1 33.6 50.4

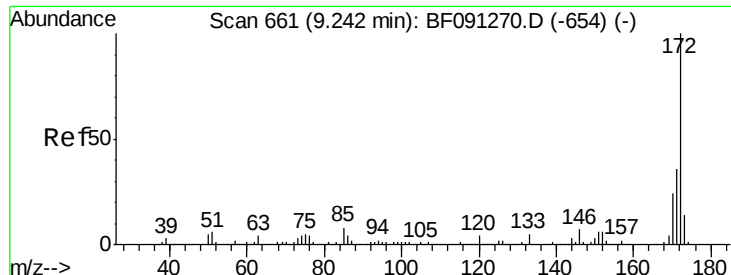


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

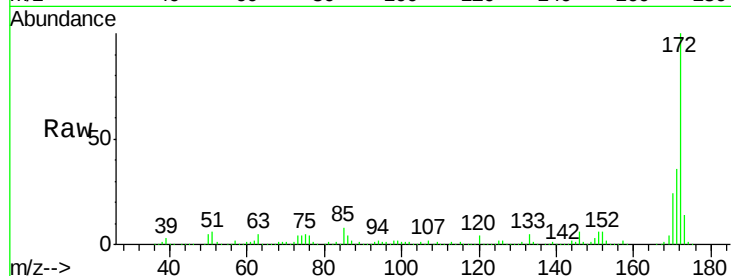




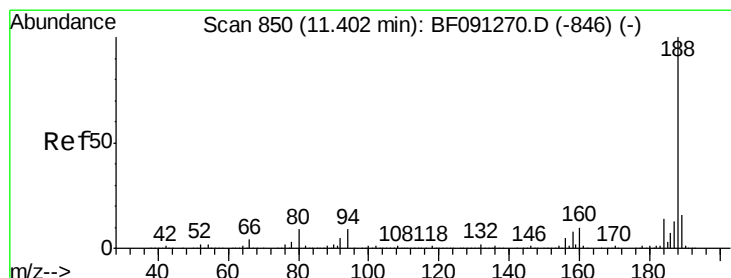
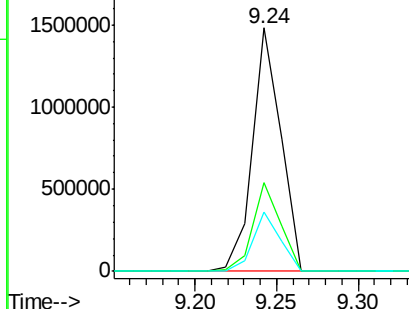
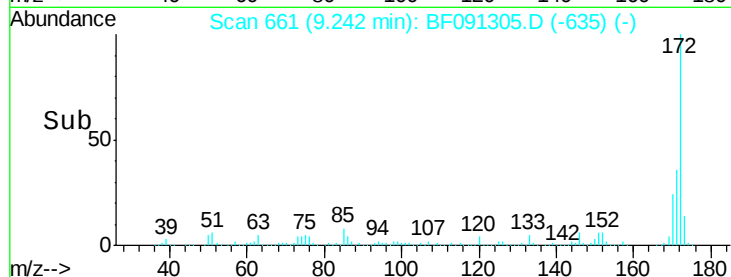
#44
 2-Fluorobiphenyl
 Concen: 84.13 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091305.D
 Acq: 24 Nov 2016 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BL

Tot Ion:172 Resp: 1785362
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.3 19.7 29.5

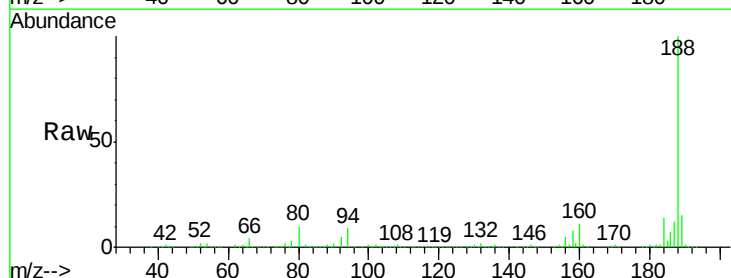


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

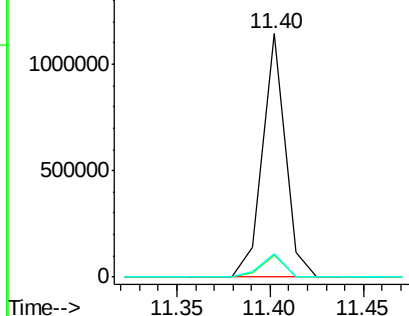
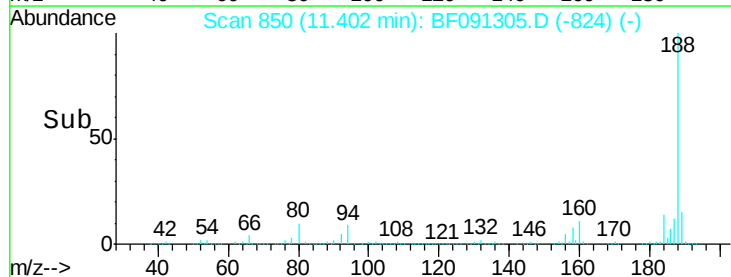


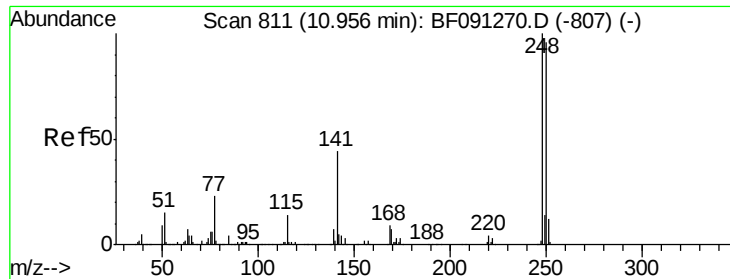
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.40 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF091305.D
 Acq: 24 Nov 2016 9:54

Tgt Ion:188 Resp: 963440
 Ion Ratio Lower Upper
 188 100
 94 9.3 9.2 13.8
 80 9.8 10.5 15.7#



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

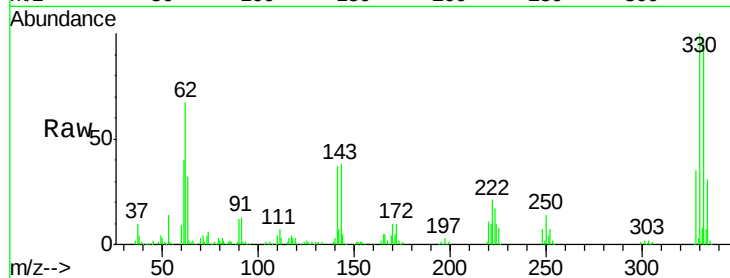




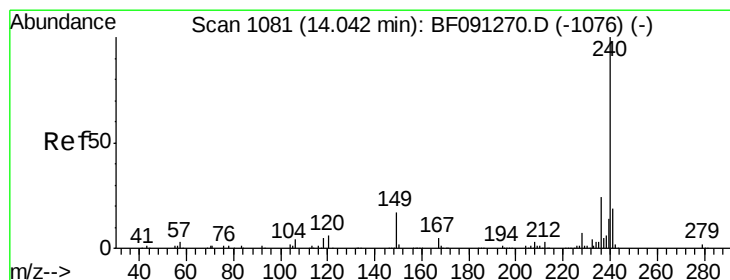
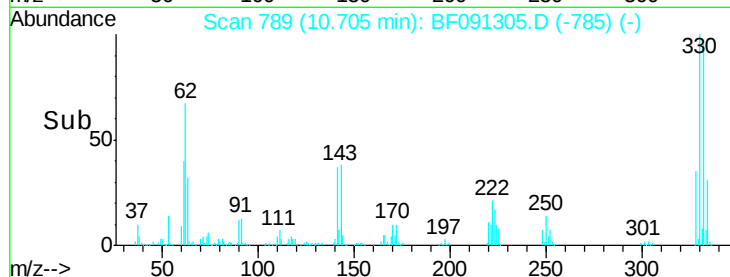
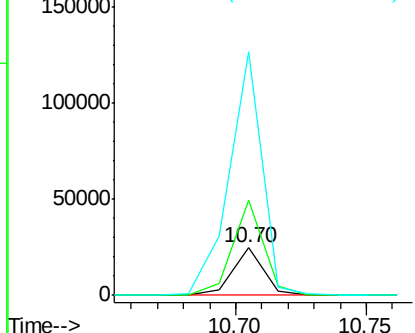
#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.25 min
Lab File: BF091305.D
Acq: 24 Nov 2016 9:54

Instrument :
BNA_F
ClientSampleId :
PB94898BL

Tot Ion:248 Resp: 20535
Ion Ratio Lower Upper
248 100
250 201.2 78.2 117.4#
141 514.9 71.9 107.9#

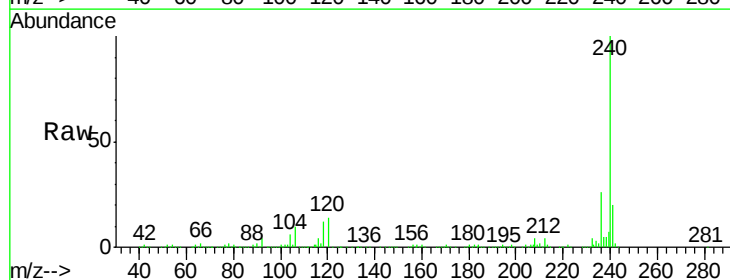


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

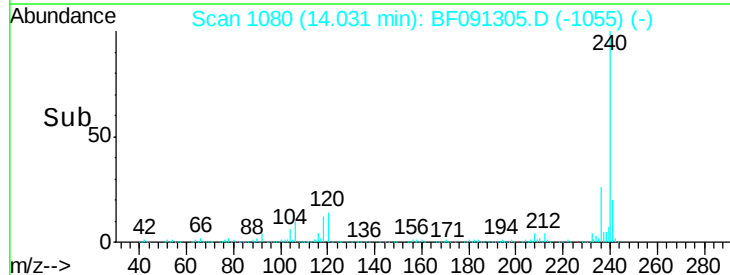
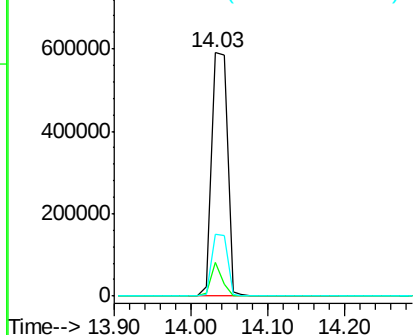


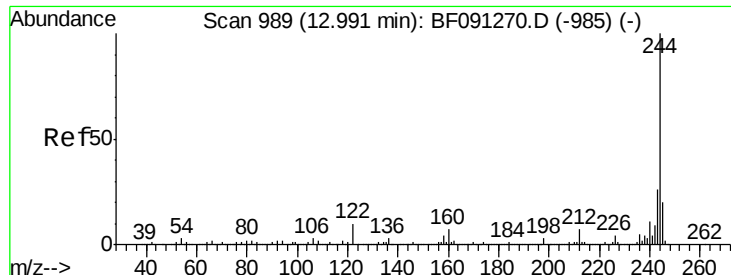
#75
Chrysene-d12
Concen: 40.00 ng
RT: 14.03 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF091305.D
Acq: 24 Nov 2016 9:54

Tgt Ion:240 Resp: 839041
Ion Ratio Lower Upper
240 100
120 13.9 12.1 18.1
236 25.6 21.0 31.6



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

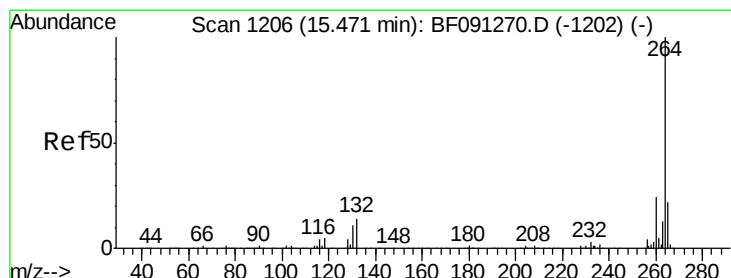
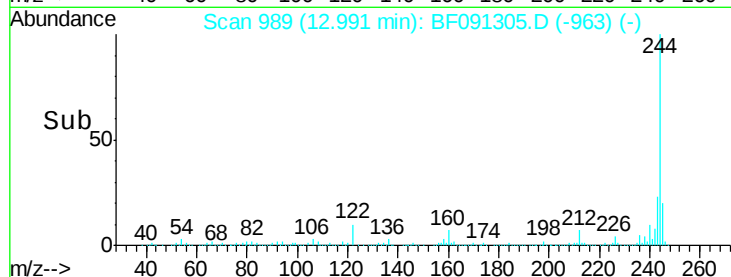
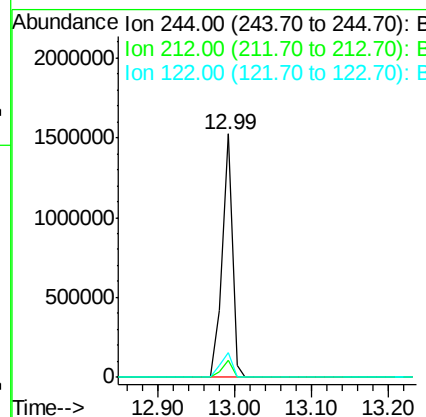
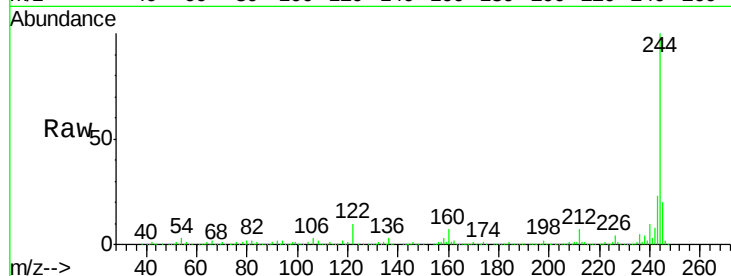




#78
 Terphenyl-d14
 Concen: 75.80 ng
 RT: 12.99 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF091305.D
 Acq: 24 Nov 2016 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BL

Tot Ion:244 Resp: 1392283
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 10.2 9.5 14.3



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.48 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF091305.D
 Acq: 24 Nov 2016 9:54

Tgt Ion:264 Resp: 628536
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.0 17.0 25.6

