

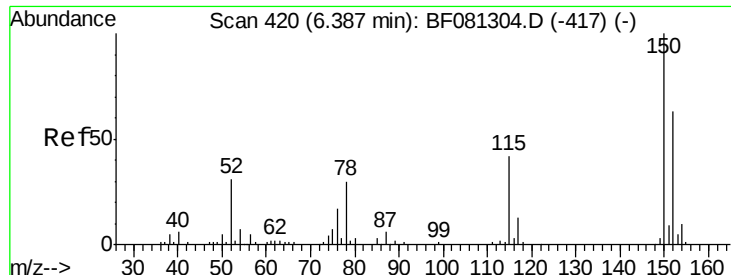
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081442.D
 Acq On : 5 Sep 2015 3:03
 Operator : UM/IZ
 Sample : G3558-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Sep 07 01:56:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:54:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	58008	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	227920	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	100342	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	199825	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	154832	20.00	ng	-0.01
86) Perylene-d12	14.77	264	115682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	525281	140.49	ng	0.01
7) Phenol-d6	6.03	99	746936	150.93	ng	0.00
23) Nitrobenzene-d5	6.94	82	421301	89.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	118472	132.60	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	637980	81.48	ng	0.00
78) Terphenyl-d14	12.43	244	542409	81.55	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	57758	17.15	ng	# 63
25) Isophorone	6.94	82	310949	35.39	ng	# 58
49) Dimethylphthalate	9.13	163	123903	15.89	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	12473	5.54	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	9671	4.79	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF081442.D

Acq: 5 Sep 2015 3:03

Instrument :

BNA_F

ClientSampleId :

SB-1

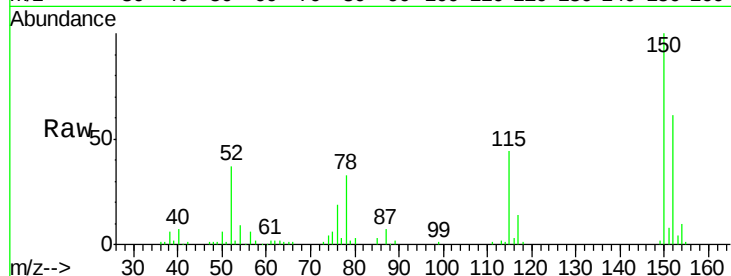
Tot Ion:152 Resp: 58008

Ion Ratio Lower Upper

152 100

150 163.7 124.7 187.1

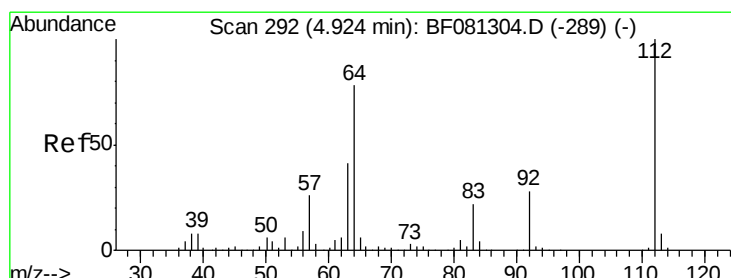
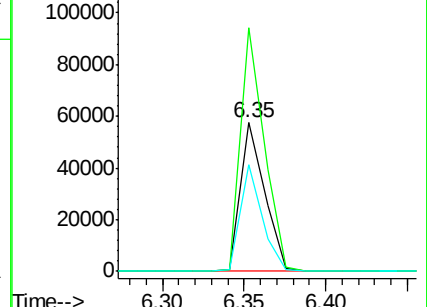
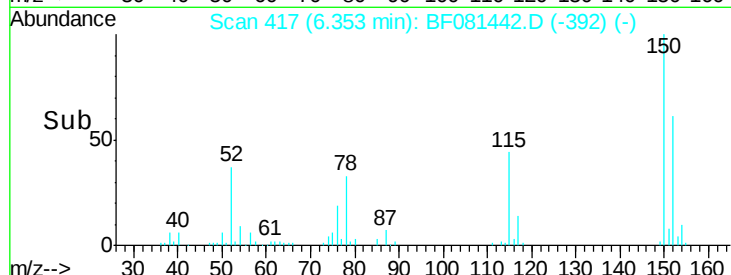
115 71.7 39.0 58.4#



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: 140.49 ng

RT: 4.91 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF081442.D

Acq: 5 Sep 2015 3:03

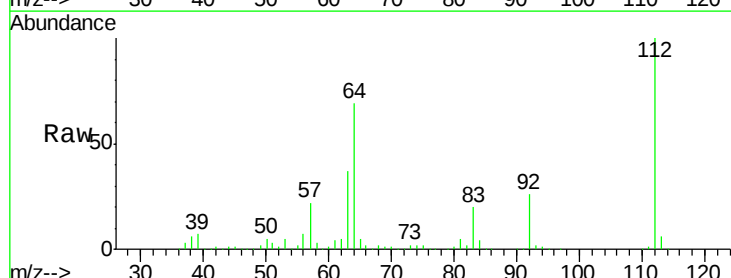
Tgt Ion:112 Resp: 525281

Ion Ratio Lower Upper

112 100

64 68.6 39.7 59.5#

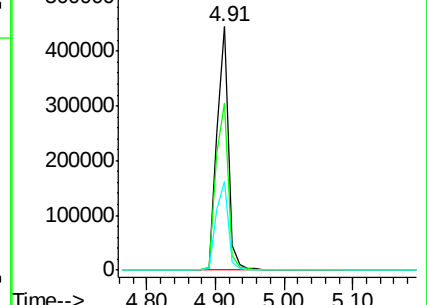
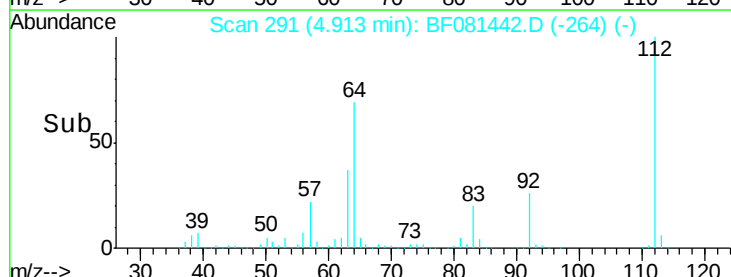
63 36.6 17.4 26.0#

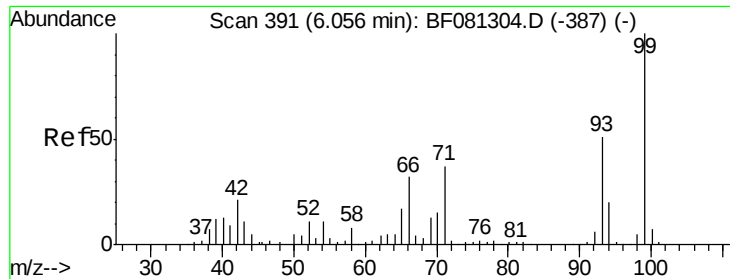


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 150.93 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF081442.D

Acq: 5 Sep 2015 3:03

Instrument :

BNA_F

ClientSampleId :

SB-1

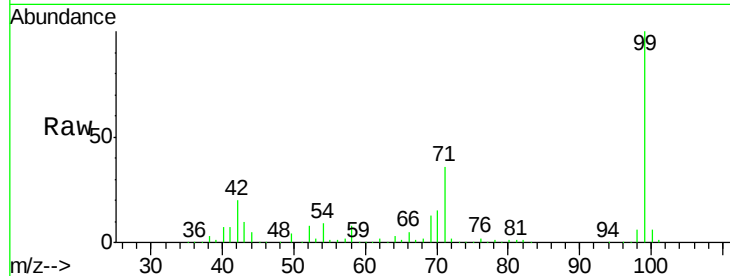
Tot Ion: 99 Resp: 746936

Ion Ratio Lower Upper

99 100

42 20.1 13.7 20.5

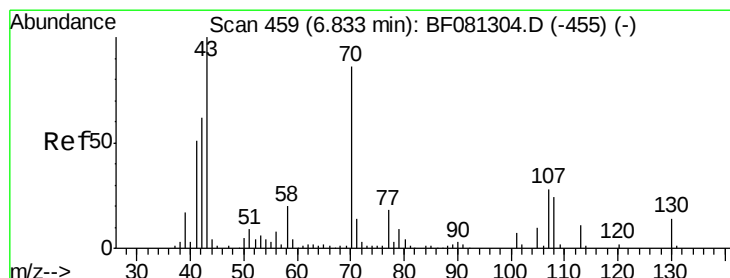
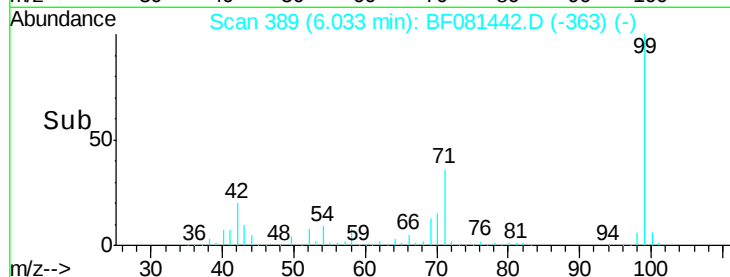
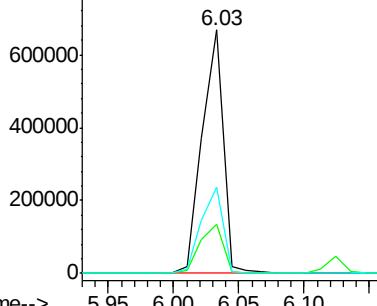
71 35.6 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.15 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081442.D

Acq: 5 Sep 2015 3:03

Tgt Ion: 70 Resp: 57758

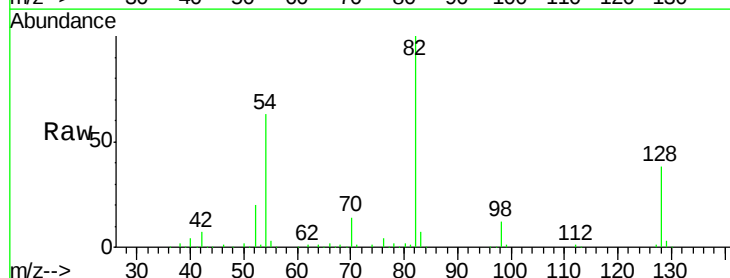
Ion Ratio Lower Upper

70 100

42 52.9 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#

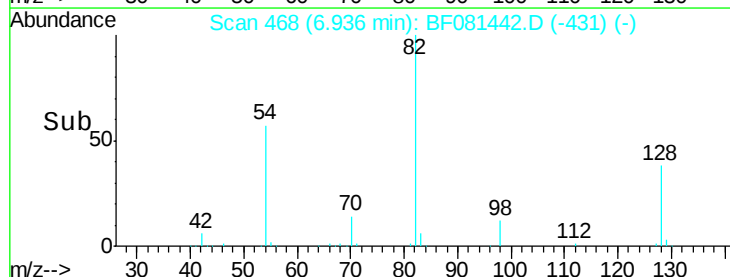
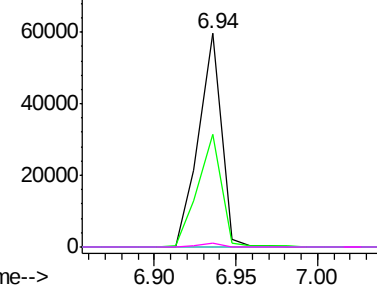


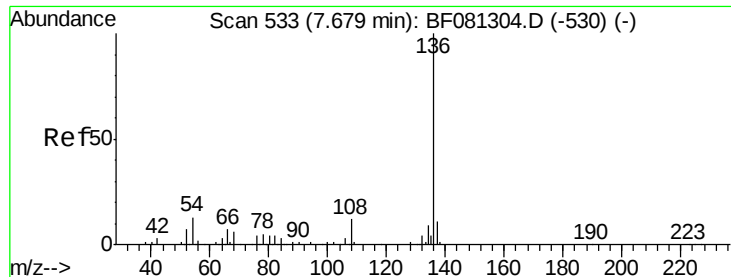
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081442.D

Acq: 5 Sep 2015 3:03

Instrument :

BNA_F

ClientSampleId :

SB-1

Tot Ion:136 Resp: 227920

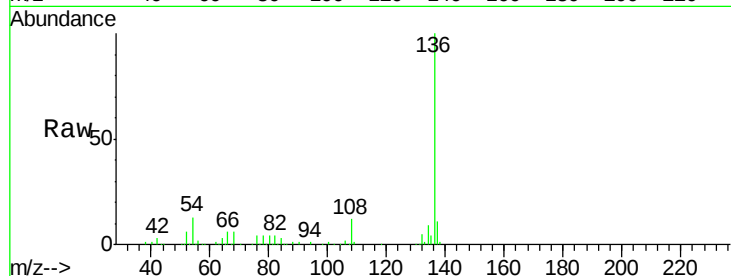
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 12.6 8.2 12.2#

68 5.6 5.8 8.6#

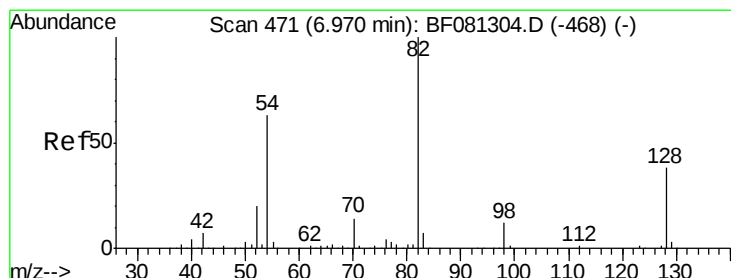
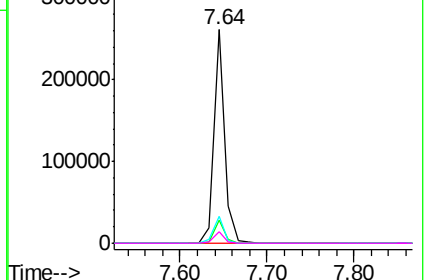
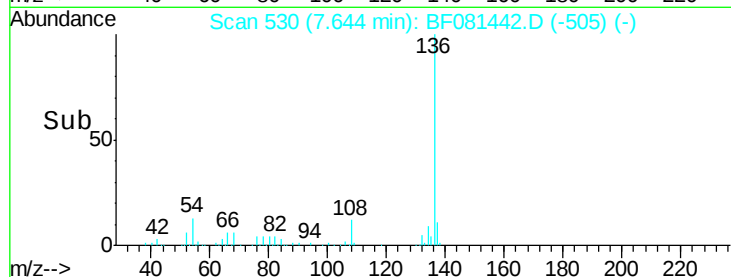


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.18 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081442.D

Acq: 5 Sep 2015 3:03

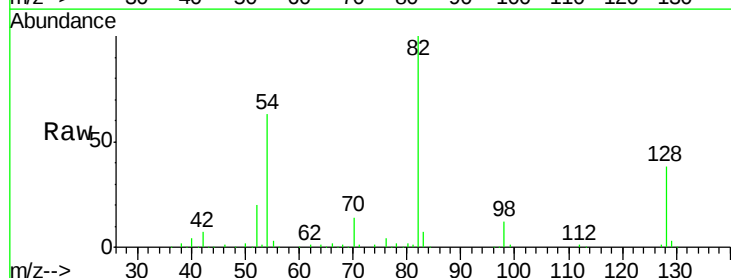
Tgt Ion: 82 Resp: 421301

Ion Ratio Lower Upper

82 100

128 37.6 51.0 76.6#

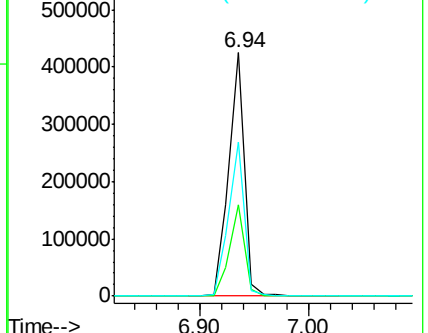
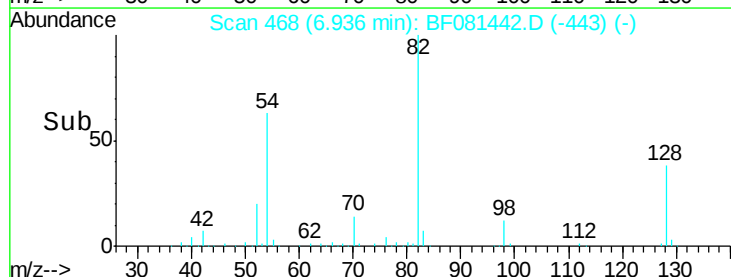
54 63.1 47.5 71.3

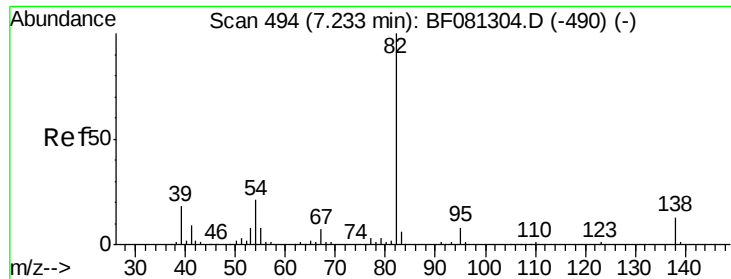


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.39 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081442.D

Acq: 5 Sep 2015 3:03

Instrument :

BNA_F

ClientSampled :

SB-1

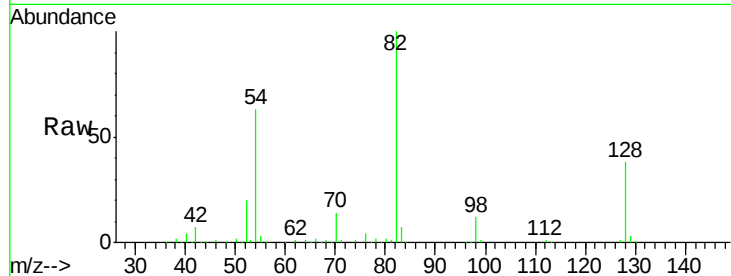
Tot Ion: 82 Resp: 310949

Ion Ratio Lower Upper

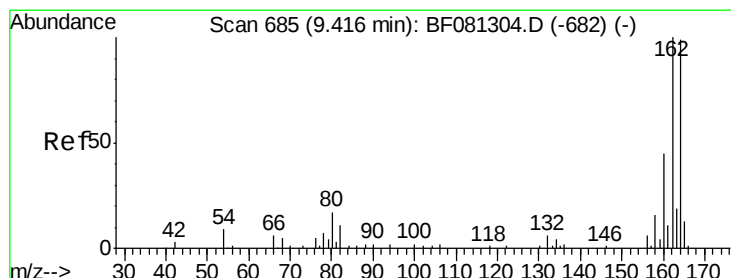
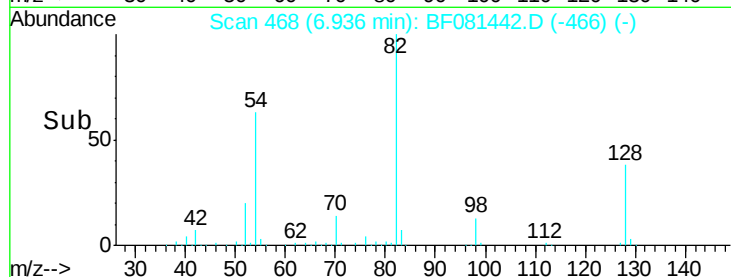
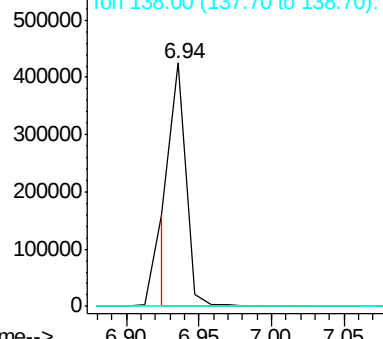
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081442.D

Acq: 5 Sep 2015 3:03

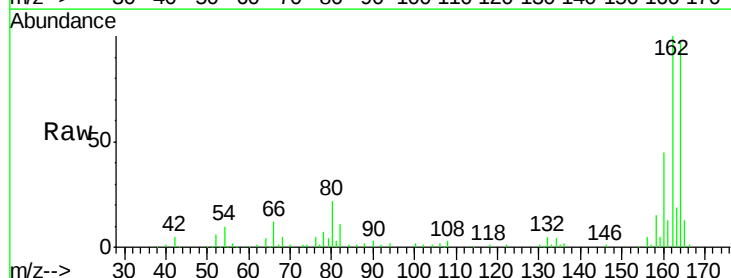
Tgt Ion:164 Resp: 100342

Ion Ratio Lower Upper

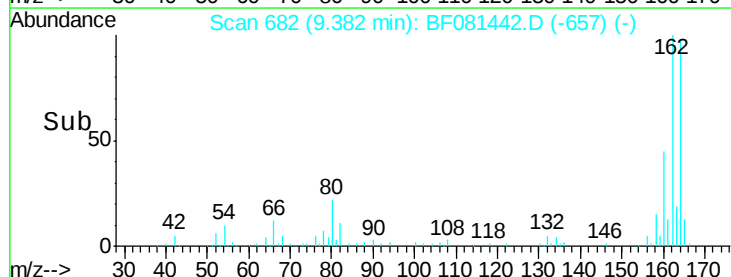
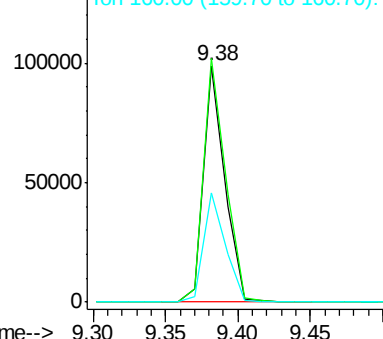
164 100

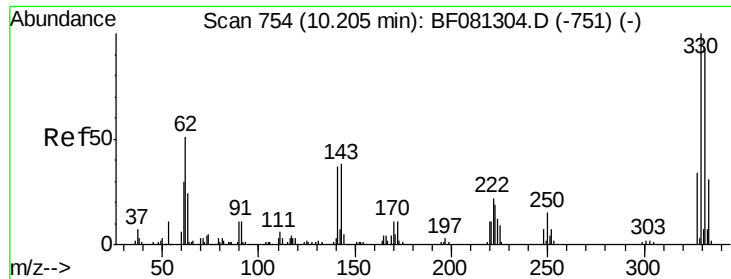
162 103.0 75.2 112.8

160 46.0 31.5 47.3



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

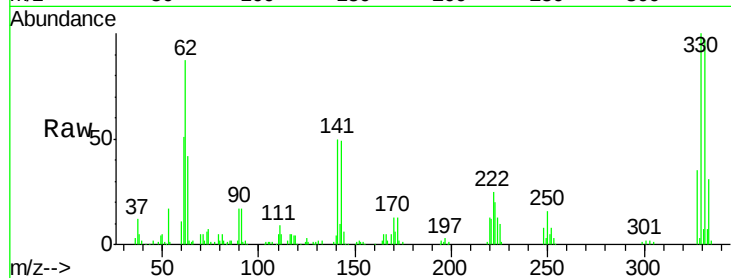




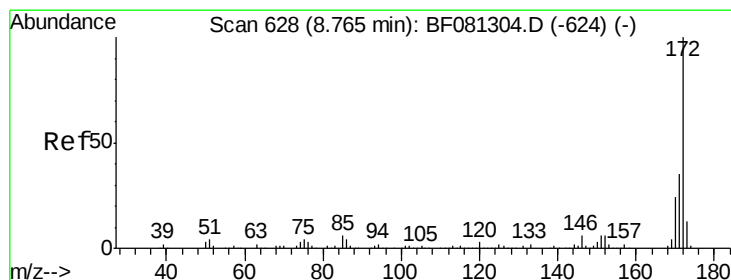
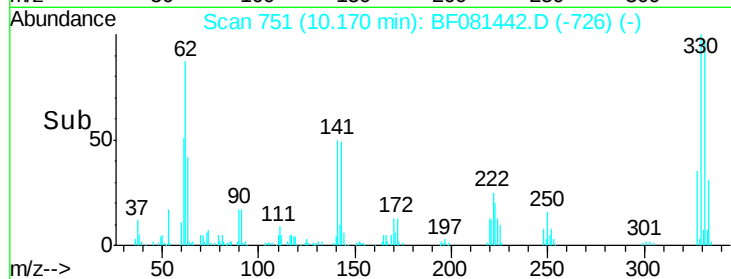
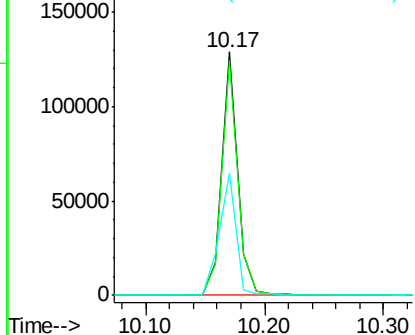
#41
 2,4,6-Tribromophenol
 Concen: 132.60 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081442.D
 Acq: 5 Sep 2015 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tot Ion:330 Resp: 118472
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 53.0 29.7 44.5#

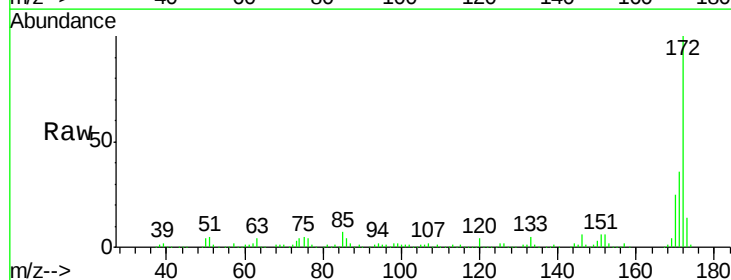


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

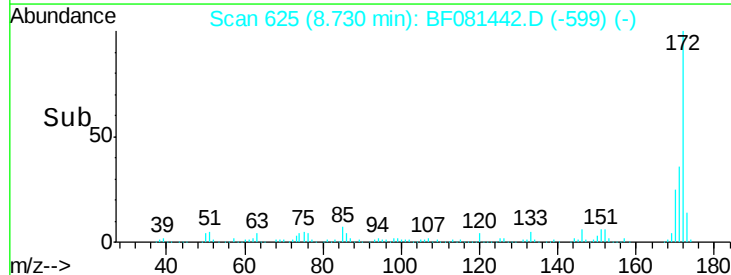
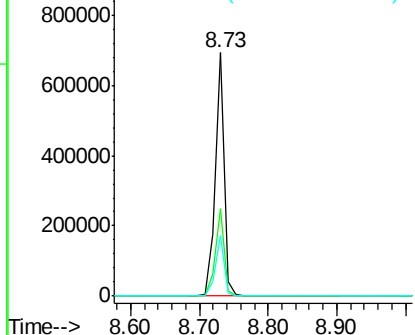


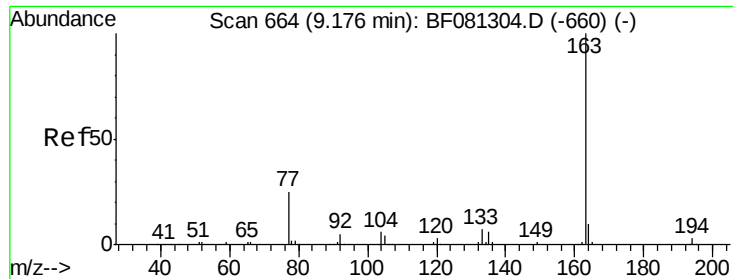
#44
 2-Fluorobiphenyl
 Concen: 81.48 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF081442.D
 Acq: 5 Sep 2015 3:03

Tgt Ion:172 Resp: 637980
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 24.9 17.4 26.2



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

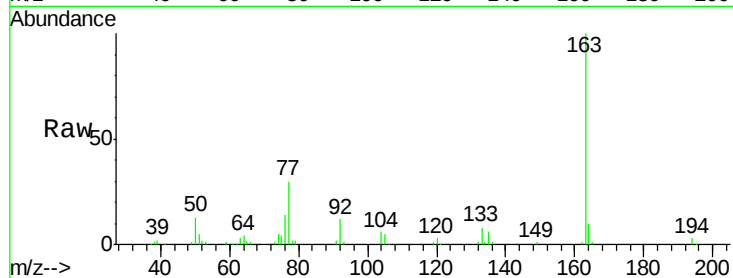




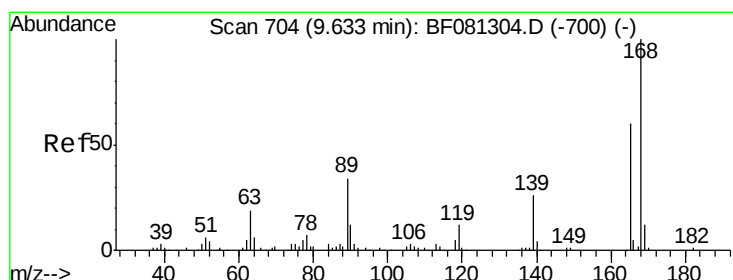
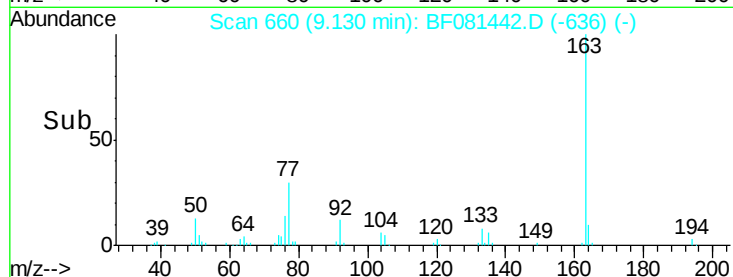
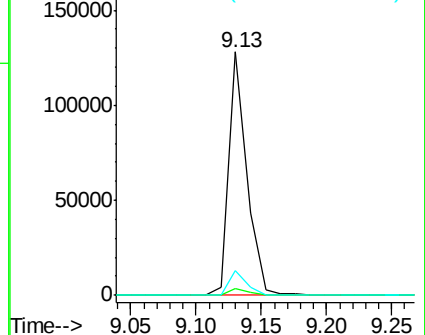
#49
Dimethylphthalate
Concen: 15.89 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF081442.D
Acq: 5 Sep 2015 3:03

Instrument :
BNA_F
ClientSampleId :
SB-1

Tot Ion:163 Resp: 123903
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.4 8.3 12.5

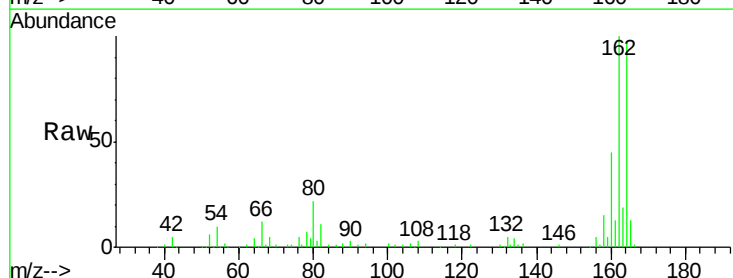


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

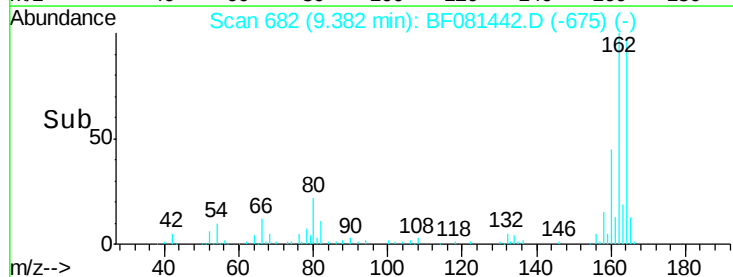
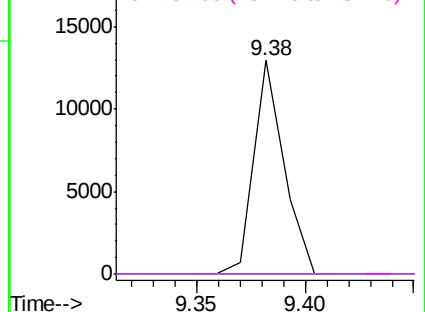


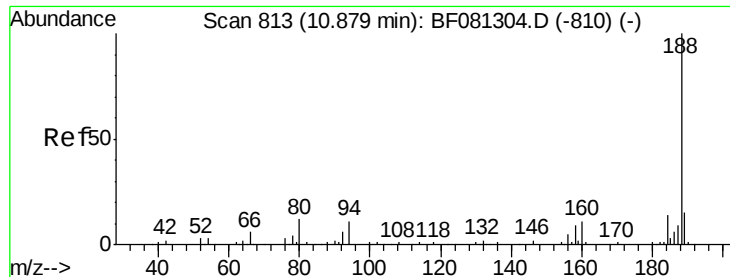
#56
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.22 min
Lab File: BF081442.D
Acq: 5 Sep 2015 3:03

Tgt Ion:165 Resp: 12473
Ion Ratio Lower Upper
165 100
63 0.0 29.8 44.6#
89 0.0 44.5 66.7#
182 0.0 3.0 4.4#



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

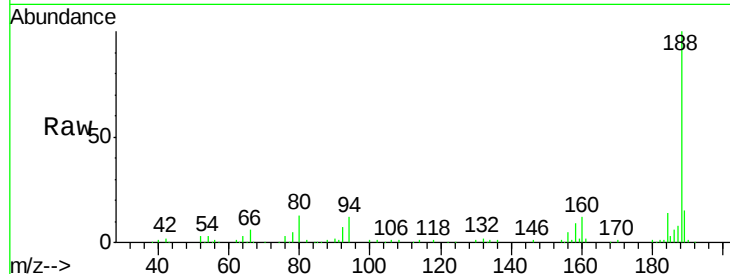




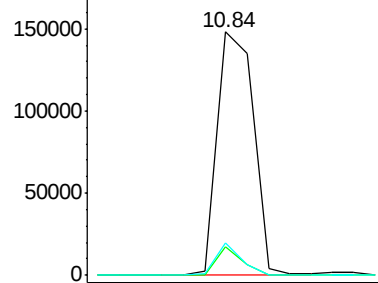
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF081442.D
Acq: 5 Sep 2015 3:03

Instrument :
BNA_F
ClientSampleId :
SB-1

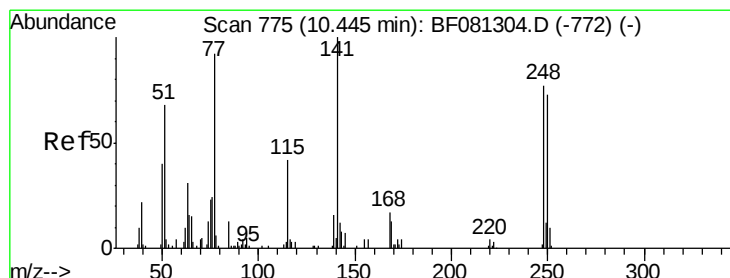
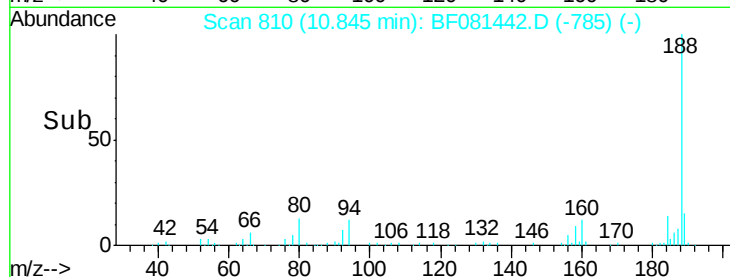
Tot Ion:188 Resp: 199825
Ion Ratio Lower Upper
188 100
94 11.6 11.1 16.7
80 13.4 11.0 16.4



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

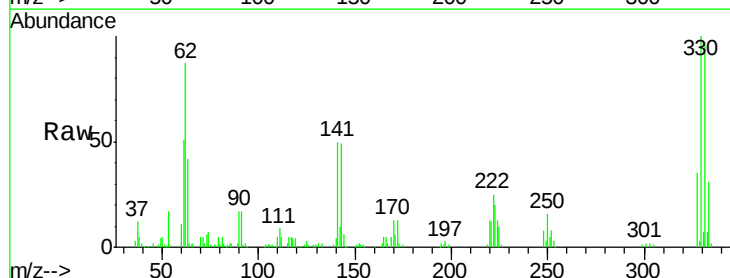


Time-->

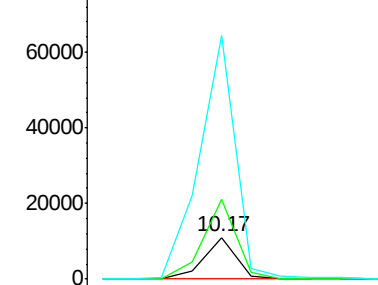


#66
4-Bromophenyl-phenylether
Concen: 4.79 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF081442.D
Acq: 5 Sep 2015 3:03

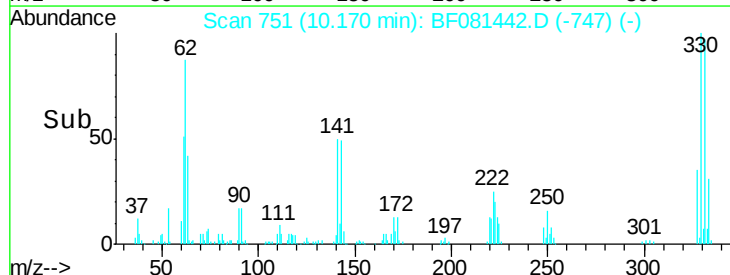
Tgt Ion:248 Resp: 9671
Ion Ratio Lower Upper
248 100
250 193.7 78.5 117.7#
141 587.3 59.0 88.6#

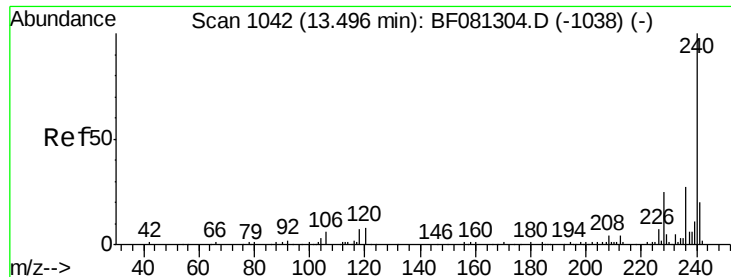


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->

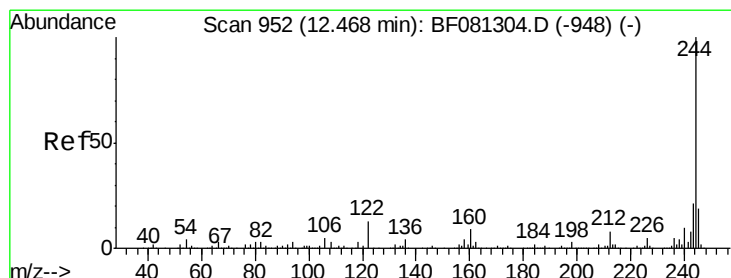
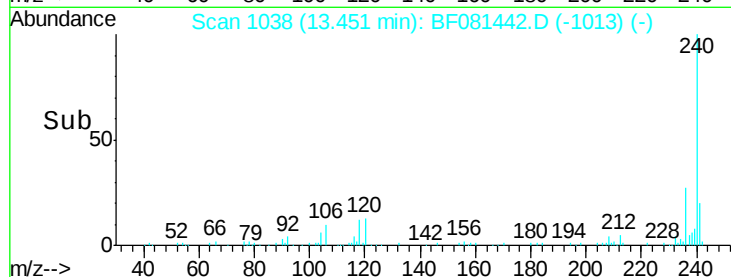
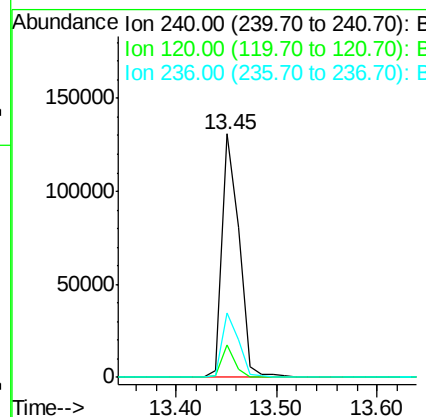
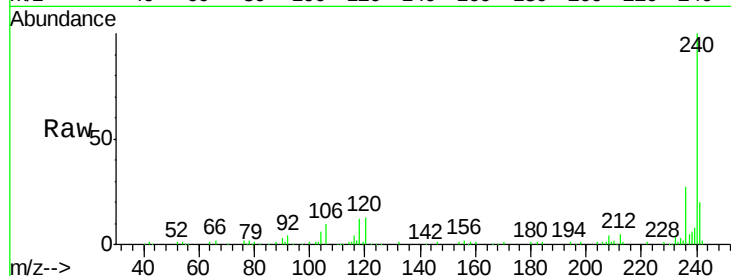




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF081442.D
 Acq: 5 Sep 2015 3:03

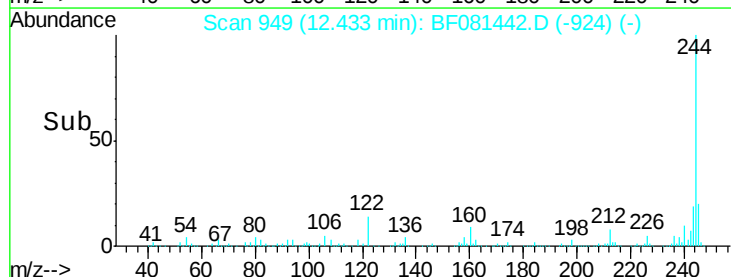
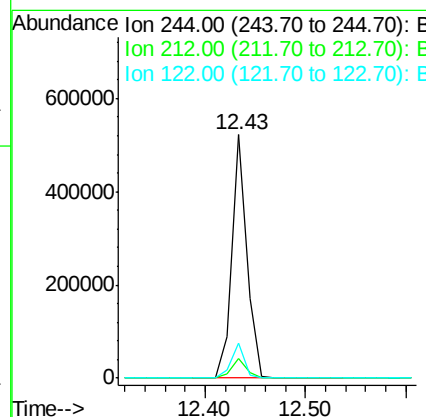
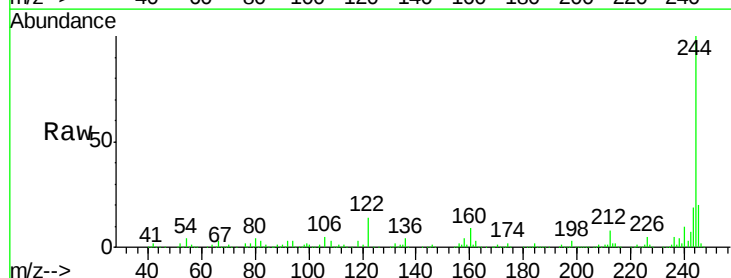
Instrument :
 BNA_F
 ClientSampleId :
 SB-1

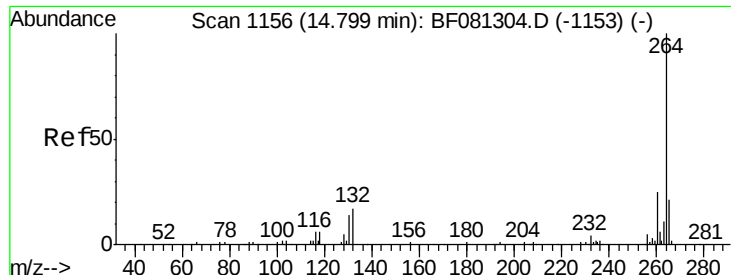
Tot Ion:240 Resp: 154832
 Ion Ratio Lower Upper
 240 100
 120 13.3 16.2 24.2#
 236 26.7 18.4 27.6



#78
 Terphenyl-d14
 Concen: 81.55 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF081442.D
 Acq: 5 Sep 2015 3:03

Tgt Ion:244 Resp: 542409
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 14.2 17.4 26.2#

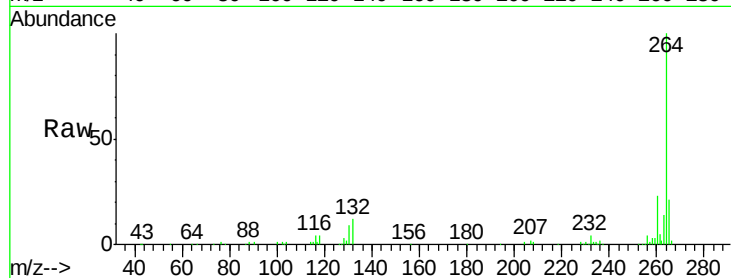




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF081442.D
 Acq: 5 Sep 2015 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tot Ion:264 Resp: 115682
 Ion Ratio Lower Upper
 264 100
 260 23.1 16.7 25.1
 265 20.9 17.2 25.8



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

