

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081443.D
 Acq On : 5 Sep 2015 3:34
 Operator : UM/IZ
 Sample : G3511-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08(7-8)

Quant Time: Sep 07 01:57:08 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

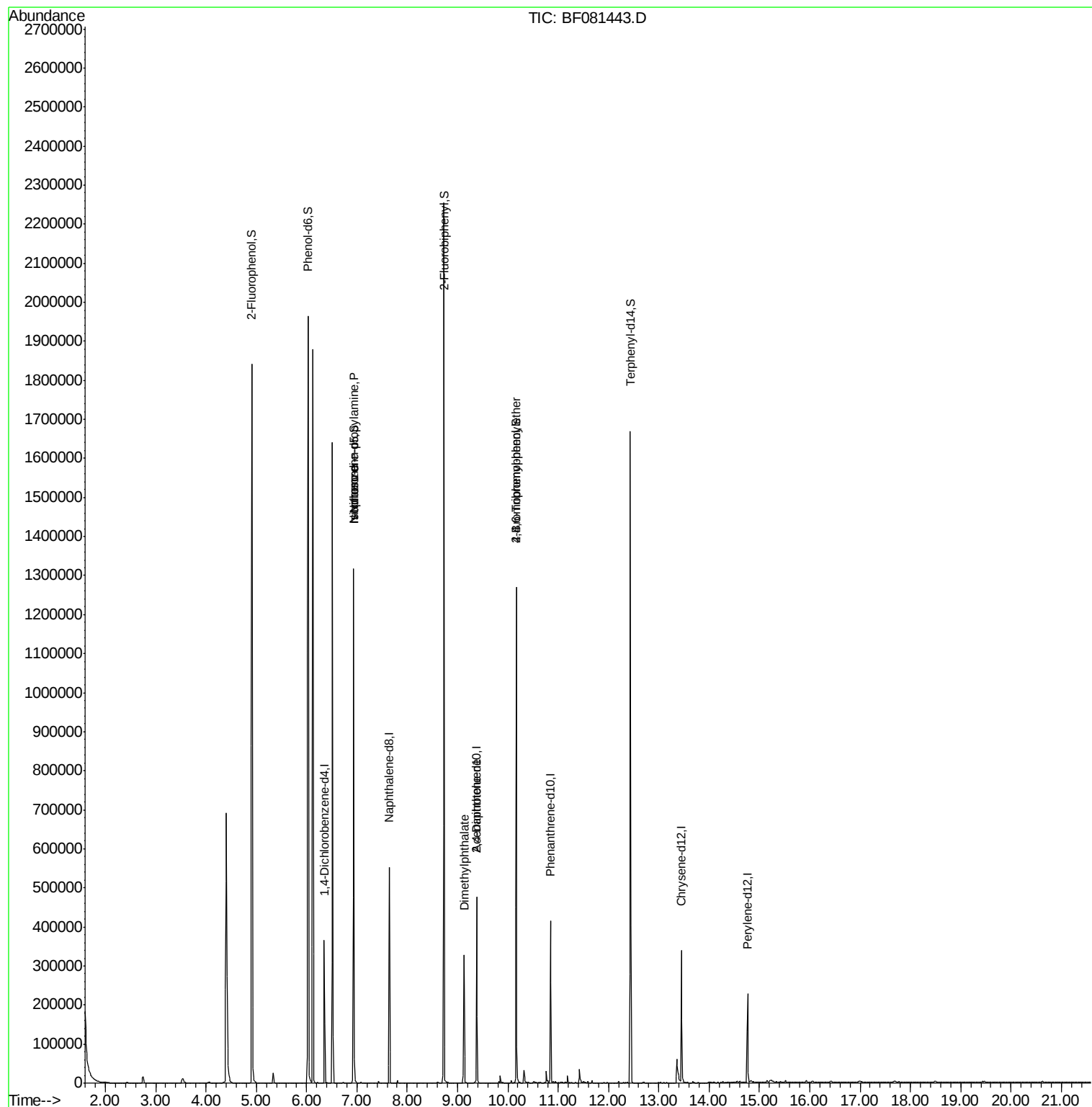
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	54420	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	221631	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	97610	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	193663	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	137599	20.00	ng	-0.01
86) Perylene-d12	14.77	264	104952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	508348	144.93	ng	0.01
7) Phenol-d6	6.03	99	737964	158.95	ng	0.00
23) Nitrobenzene-d5	6.94	82	428286	93.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	118710	136.59	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	681768	89.51	ng	0.00
78) Terphenyl-d14	12.43	244	517150	87.49	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	58223	18.43	ng	# 62
25) Isophorone	6.94	82	319785	37.43	ng	# 58
49) Dimethylphthalate	9.13	163	122436	16.14	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	12474	5.69	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	9249	4.72	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF081443.D

Acq: 5 Sep 2015 3:34

Instrument :

BNA_F

ClientSampleId :

SB-08(7-8)

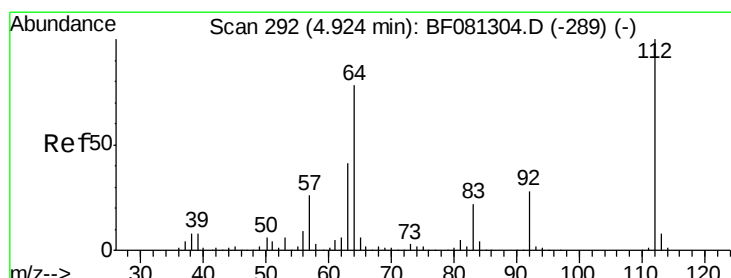
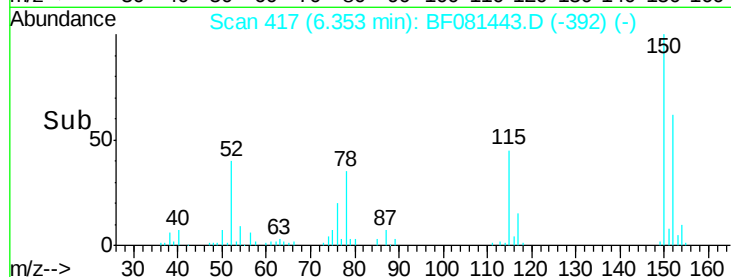
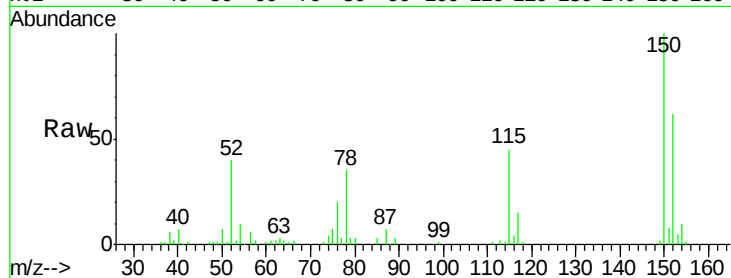
Tot Ion:152 Resp: 54420

Ion Ratio Lower Upper

152 100

150 161.9 124.7 187.1

115 73.2 39.0 58.4#



#5

2-Fluorophenol

Concen: 144.93 ng

RT: 4.91 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF081443.D

Acq: 5 Sep 2015 3:34

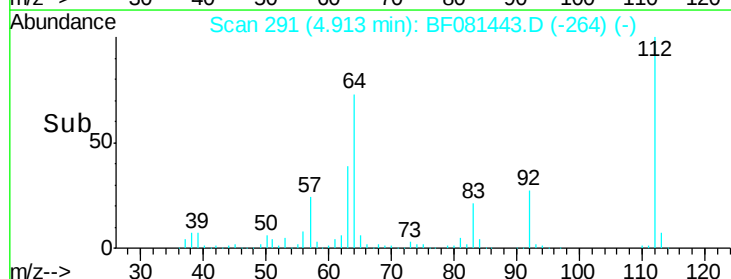
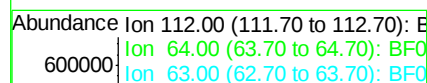
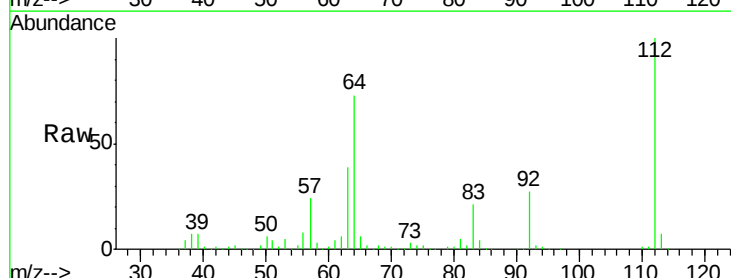
Tgt Ion:112 Resp: 508348

Ion Ratio Lower Upper

112 100

64 73.2 39.7 59.5#

63 39.1 17.4 26.0#





#7

Phenol-d6

Concen: 158.95 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081443.D

Acq: 5 Sep 2015 3:34

Instrument :

BNA_F

ClientSampleId :

SB-08(7-8)

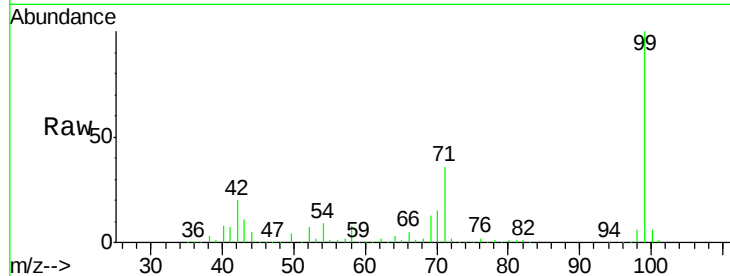
Tot Ion: 99 Resp: 737964

Ion Ratio Lower Upper

99 100

42 20.4 13.7 20.5

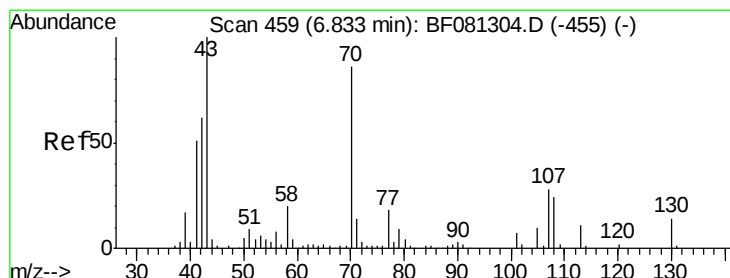
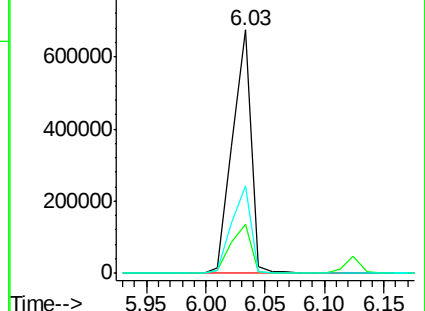
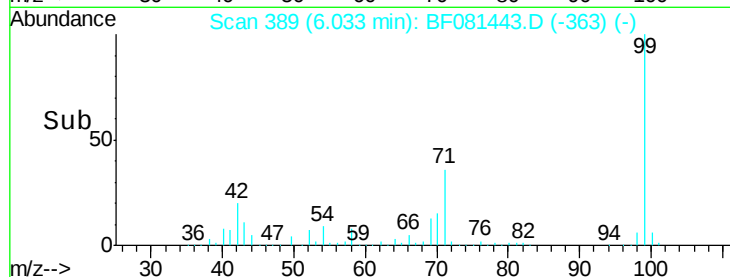
71 35.9 14.2 21.2#



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: 18.43 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081443.D

Acq: 5 Sep 2015 3:34

Tgt Ion: 70 Resp: 58223

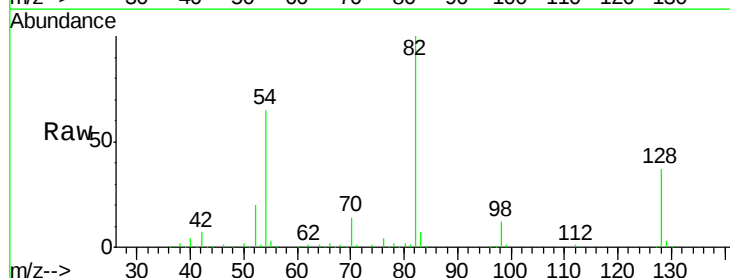
Ion Ratio Lower Upper

70 100

42 52.6 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#

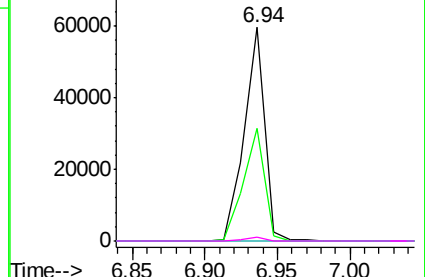
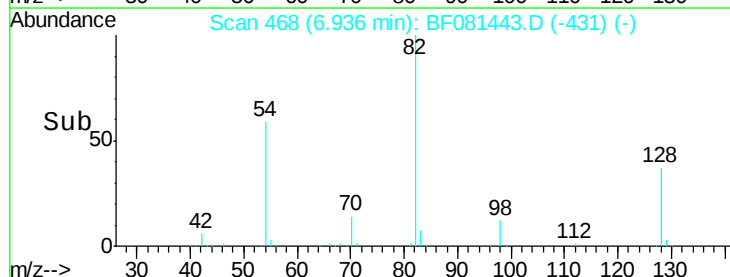


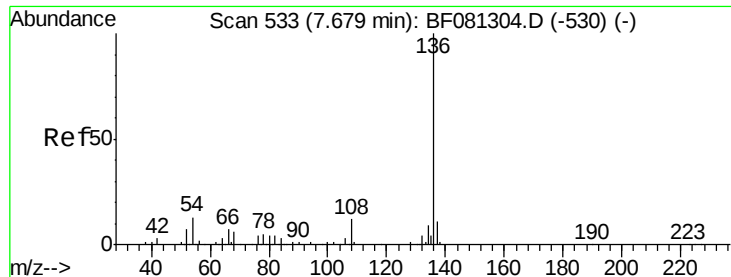
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081443.D

Acq: 5 Sep 2015 3:34

Instrument :

BNA_F

ClientSampleId :

SB-08(7-8)

Tot Ion:136 Resp: 221631

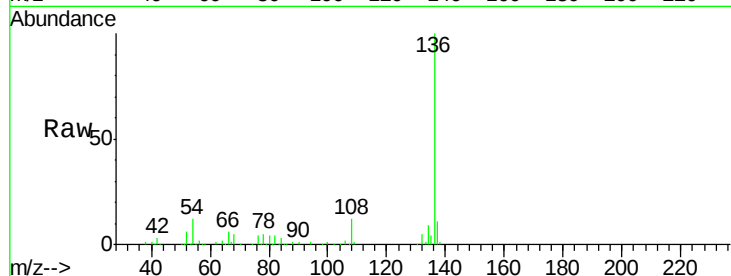
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 12.4 8.2 12.2#

68 5.4 5.8 8.6#

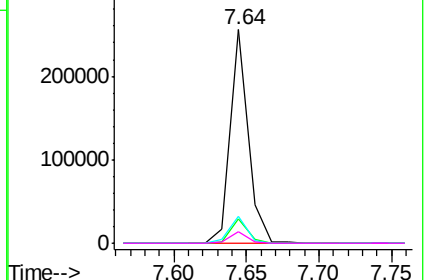
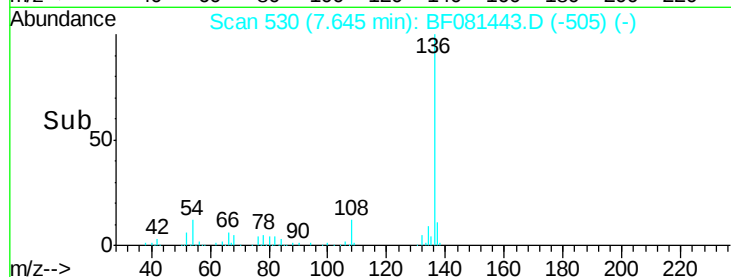


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.23 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081443.D

Acq: 5 Sep 2015 3:34

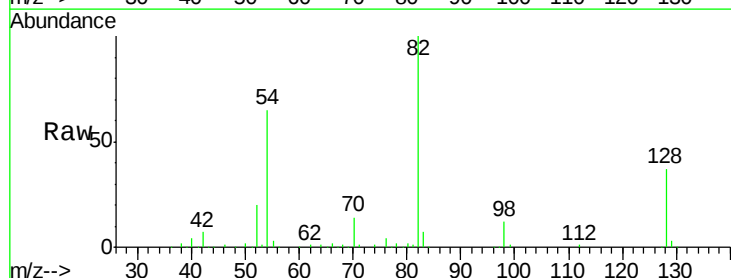
Tgt Ion: 82 Resp: 428286

Ion Ratio Lower Upper

82 100

128 37.1 51.0 76.6#

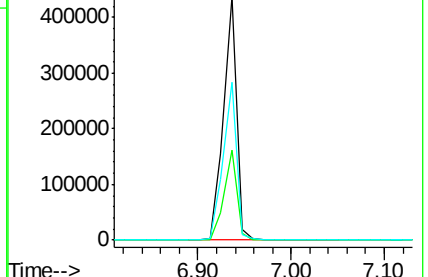
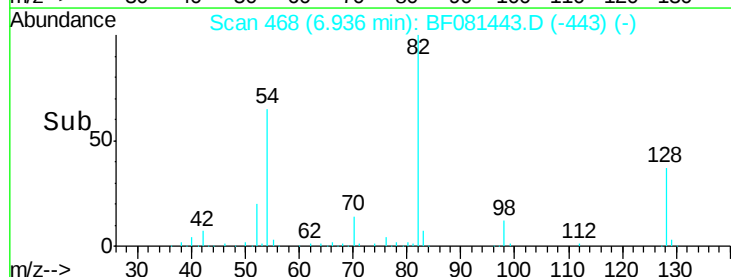
54 65.0 47.5 71.3

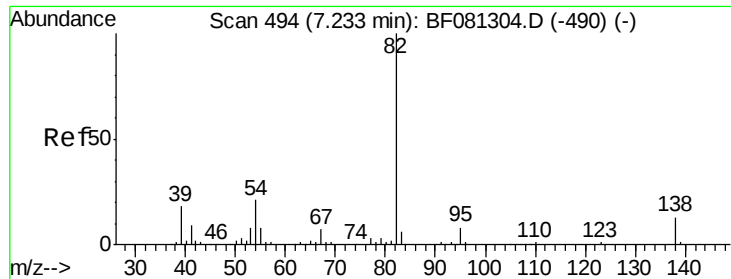


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.43 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081443.D

Acq: 5 Sep 2015 3:34

Instrument :

BNA_F

ClientSampleId :

SB-08(7-8)

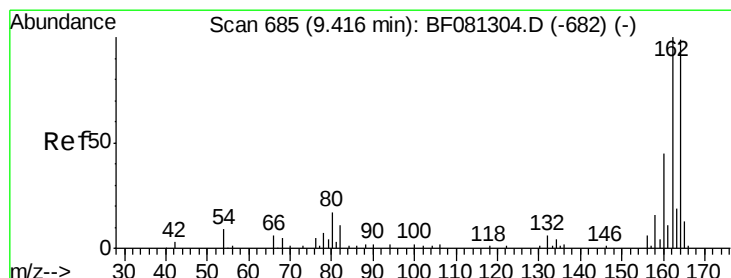
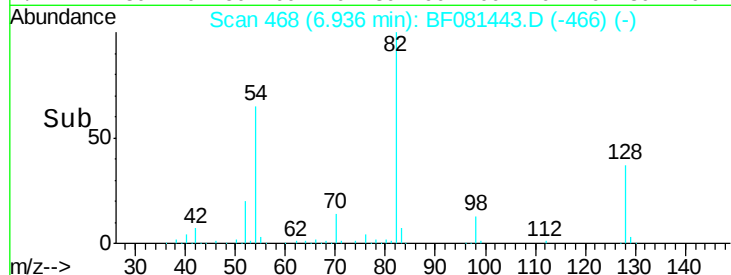
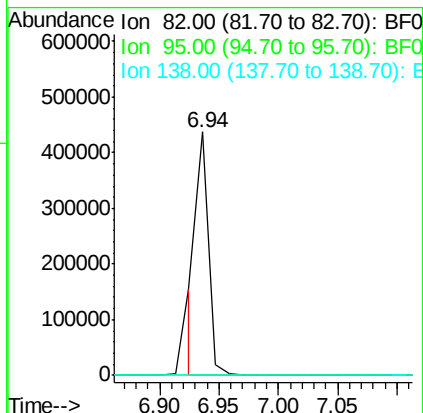
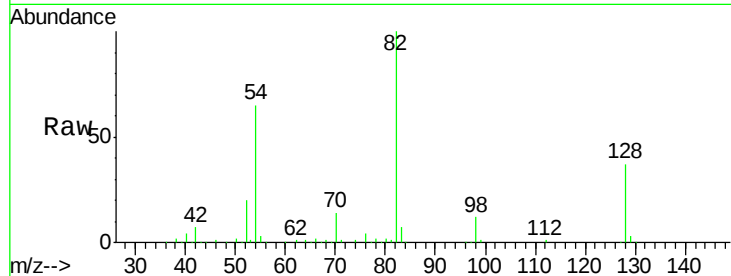
Tot Ion: 82 Resp: 319785

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081443.D

Acq: 5 Sep 2015 3:34

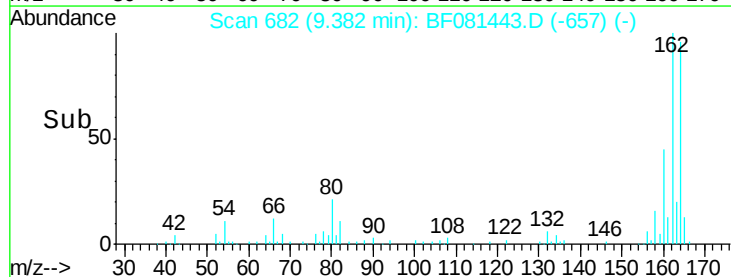
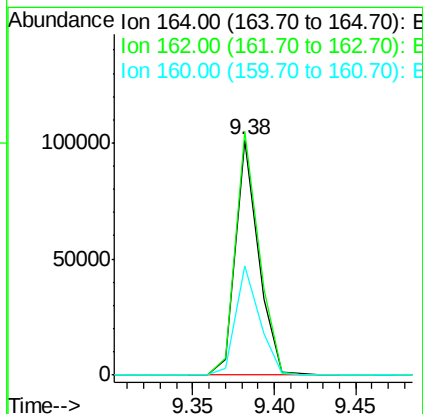
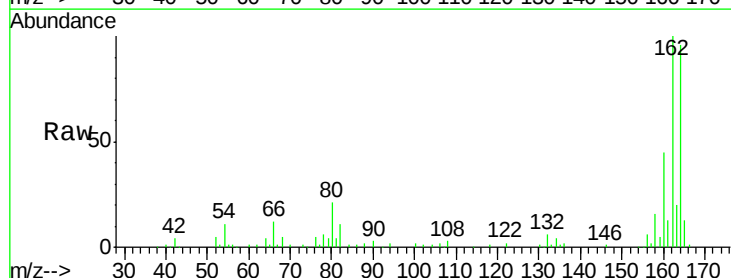
Tgt Ion:164 Resp: 97610

Ion Ratio Lower Upper

164 100

162 103.7 75.2 112.8

160 46.2 31.5 47.3

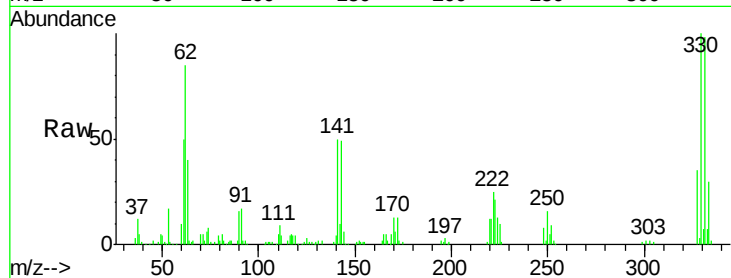




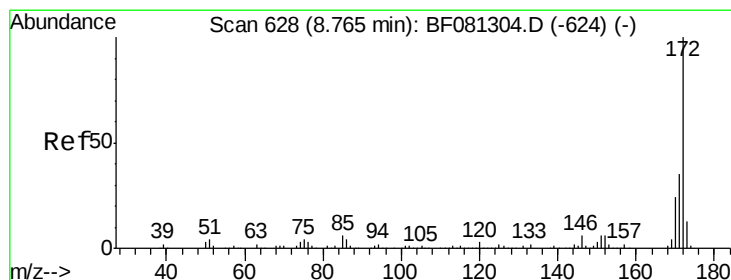
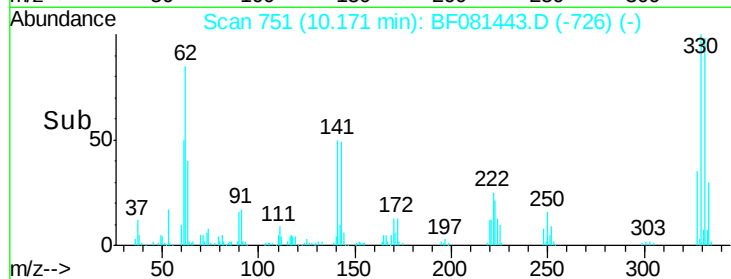
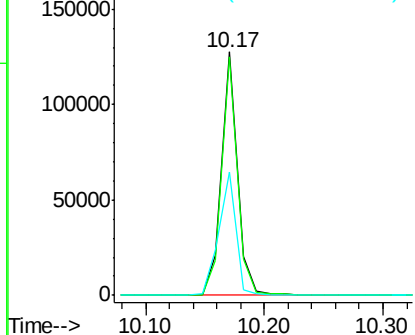
#41
 2,4,6-Tribromophenol
 Concen: 136.59 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081443.D
 Acq: 5 Sep 2015 3:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-08(7-8)

Tot Ion:330 Resp: 118710
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 53.6 29.7 44.5#

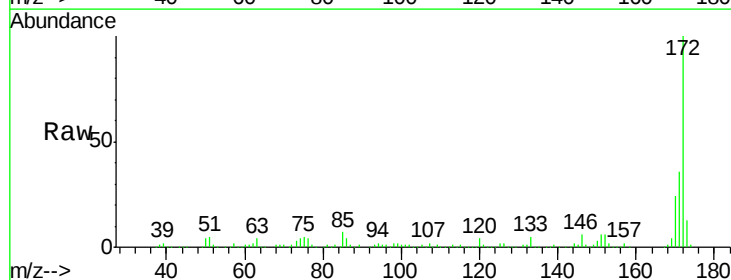


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

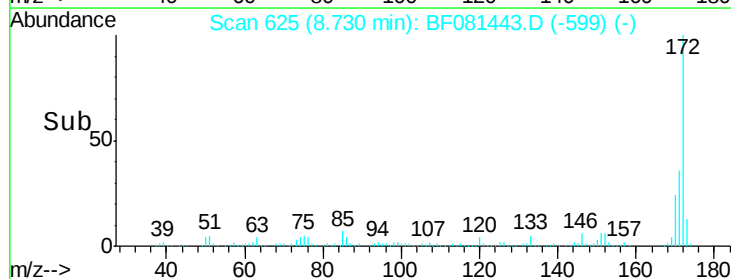
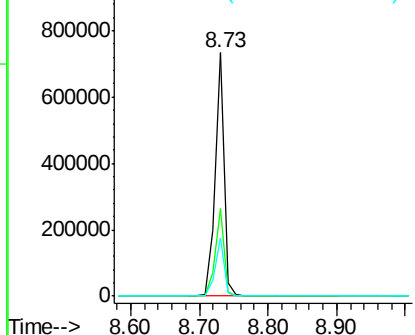


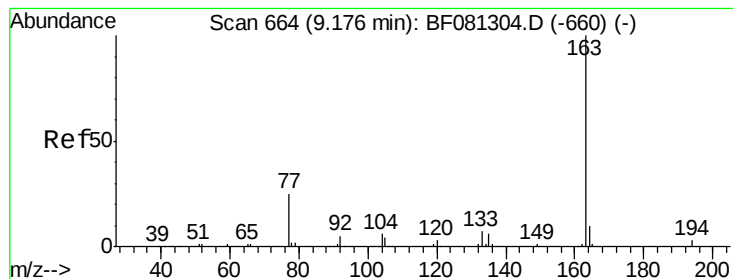
#44
 2-Fluorobiphenyl
 Concen: 89.51 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081443.D
 Acq: 5 Sep 2015 3:34

Tgt Ion:172 Resp: 681768
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 23.8 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: 16.14 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081443.D

Acq: 5 Sep 2015 3:34

Instrument :

BNA_F

ClientSampleId :

SB-08(7-8)

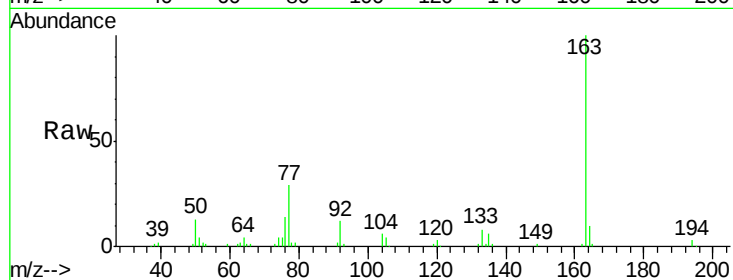
Tot Ion:163 Resp: 122436

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

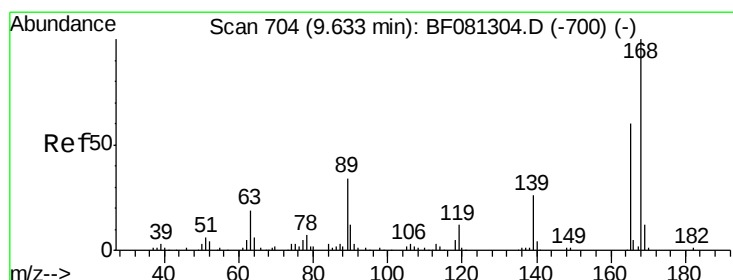
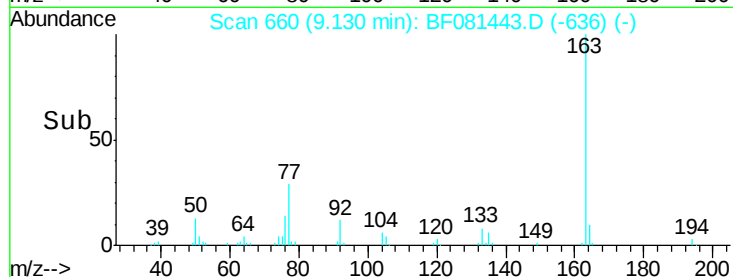
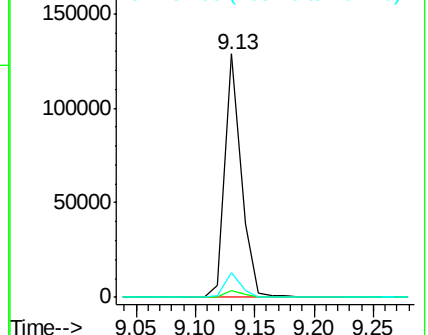
164 10.0 8.3 12.5



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: 5.69 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.22 min

Lab File: BF081443.D

Acq: 5 Sep 2015 3:34

Tgt Ion:165 Resp: 12474

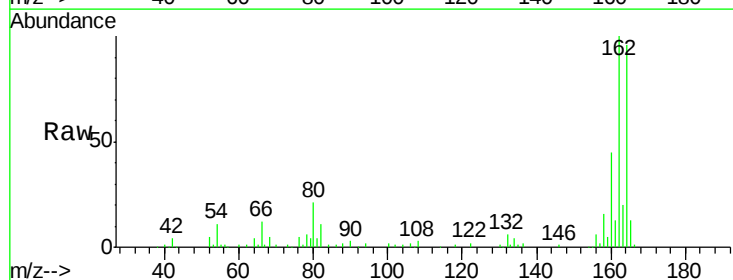
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

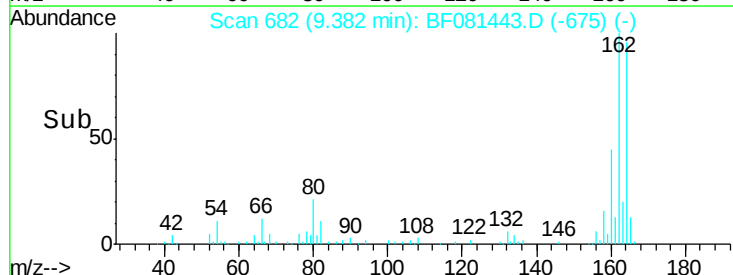
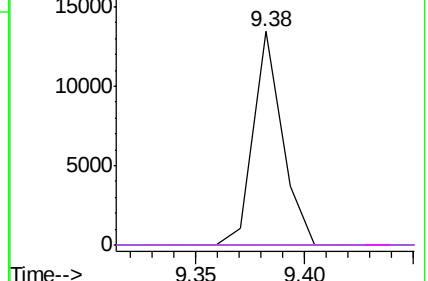


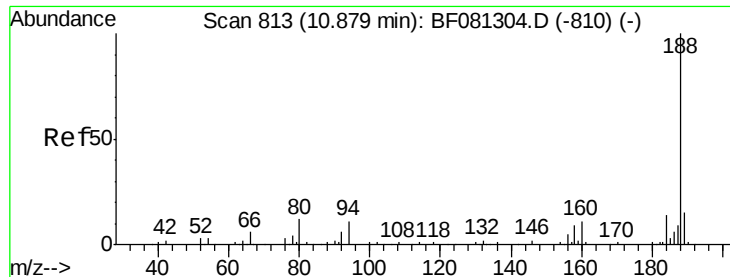
Abundance Ion 165.00 (164.70 to 165.70): E

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

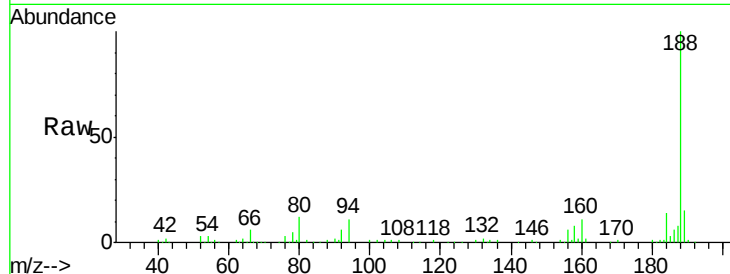




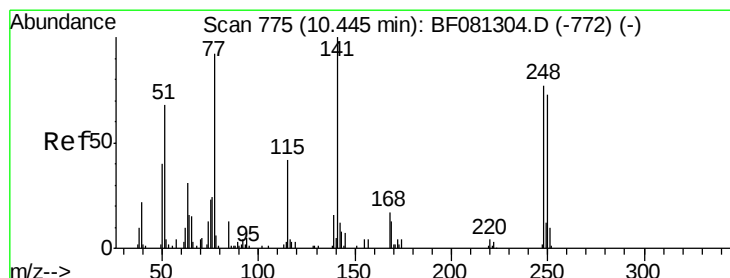
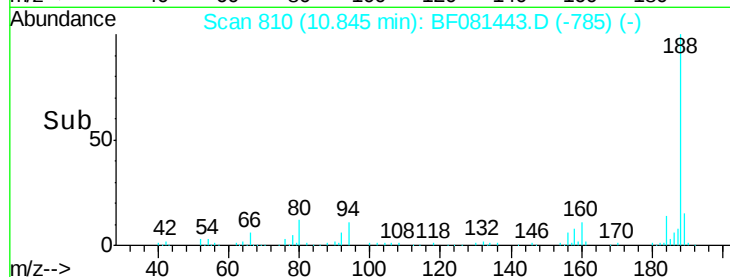
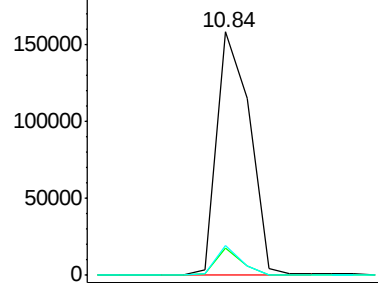
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF081443.D
Acq: 5 Sep 2015 3:34

Instrument :
BNA_F
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SB-08(7-8)

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	11.1	16.7
80	12.5	11.0	16.4

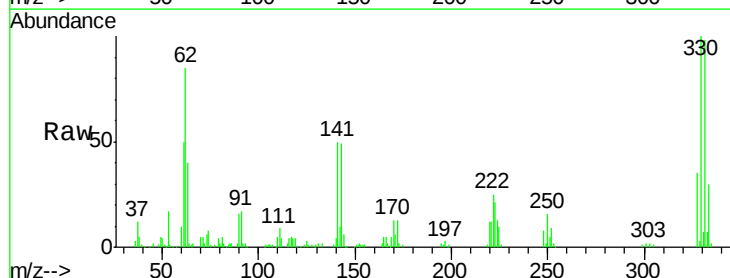


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

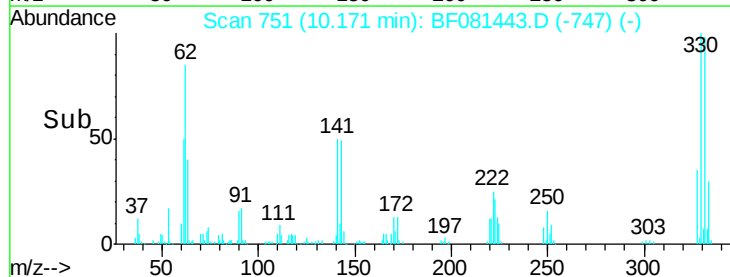
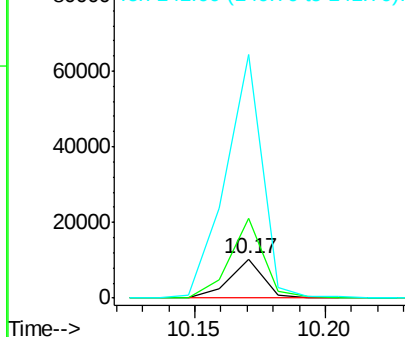


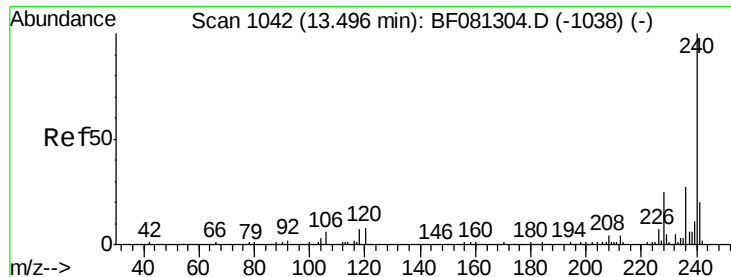
#66
4-Bromophenyl-phenylether
Concen: 4.72 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF081443.D
Acq: 5 Sep 2015 3:34

Tgt Ion	Ratio	Lower	Upper
248	100		
250	203.1	78.5	117.7#
141	622.1	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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF081443.D

Acq: 5 Sep 2015 3:34

Instrument :

BNA_F

ClientSampleId :

SB-08(7-8)

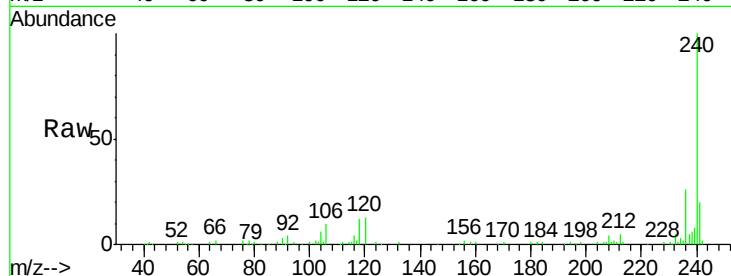
Tot Ion:240 Resp: 137599

Ion Ratio Lower Upper

240 100

120 13.5 16.2 24.2#

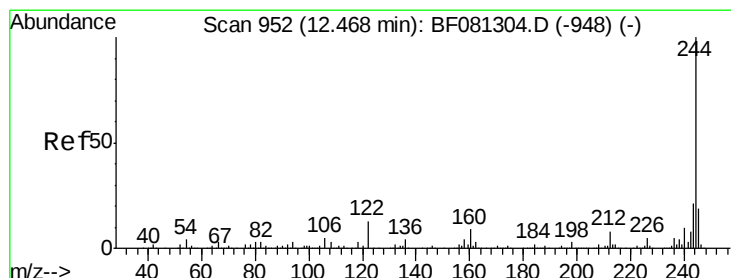
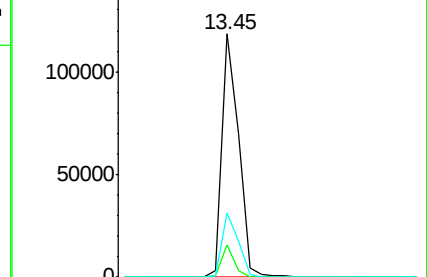
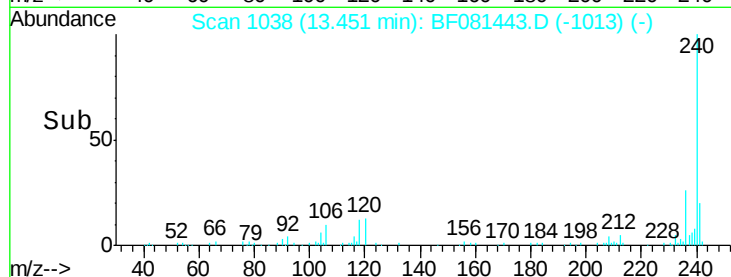
236 26.3 18.4 27.6



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: 87.49 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF081443.D

Acq: 5 Sep 2015 3:34

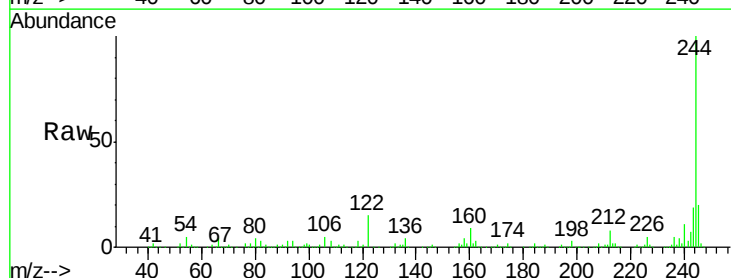
Tgt Ion:244 Resp: 517150

Ion Ratio Lower Upper

244 100

212 8.1 4.3 6.5#

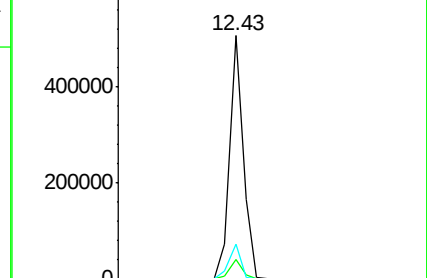
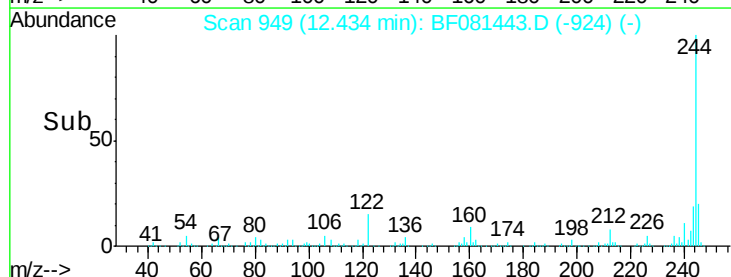
122 14.6 17.4 26.2#

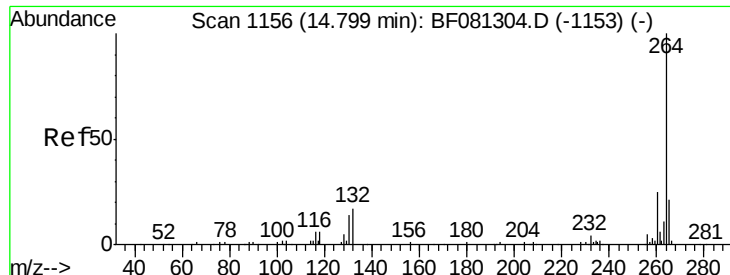


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



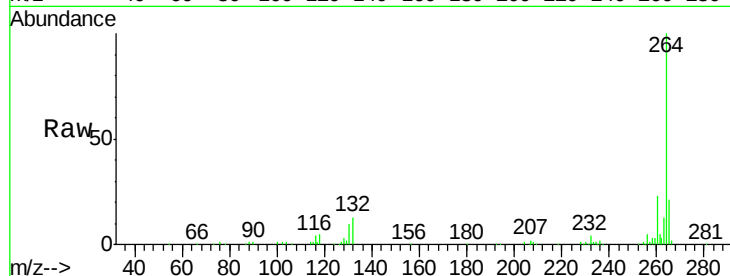


#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081443.D
Acq: 5 Sep 2015 3:34

Instrument :
BNA_F
ClientSampleId :
SB-08(7-8)

Tot Ion: 264 Resp: 104952

Ion	Ratio	Lower	Upper
264	100		
260	23.3	16.7	25.1
265	20.8	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

