

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081476.D
 Acq On : 5 Sep 2015 21:28
 Operator : UM/IZ
 Sample : G3555-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Sep 07 01:31:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

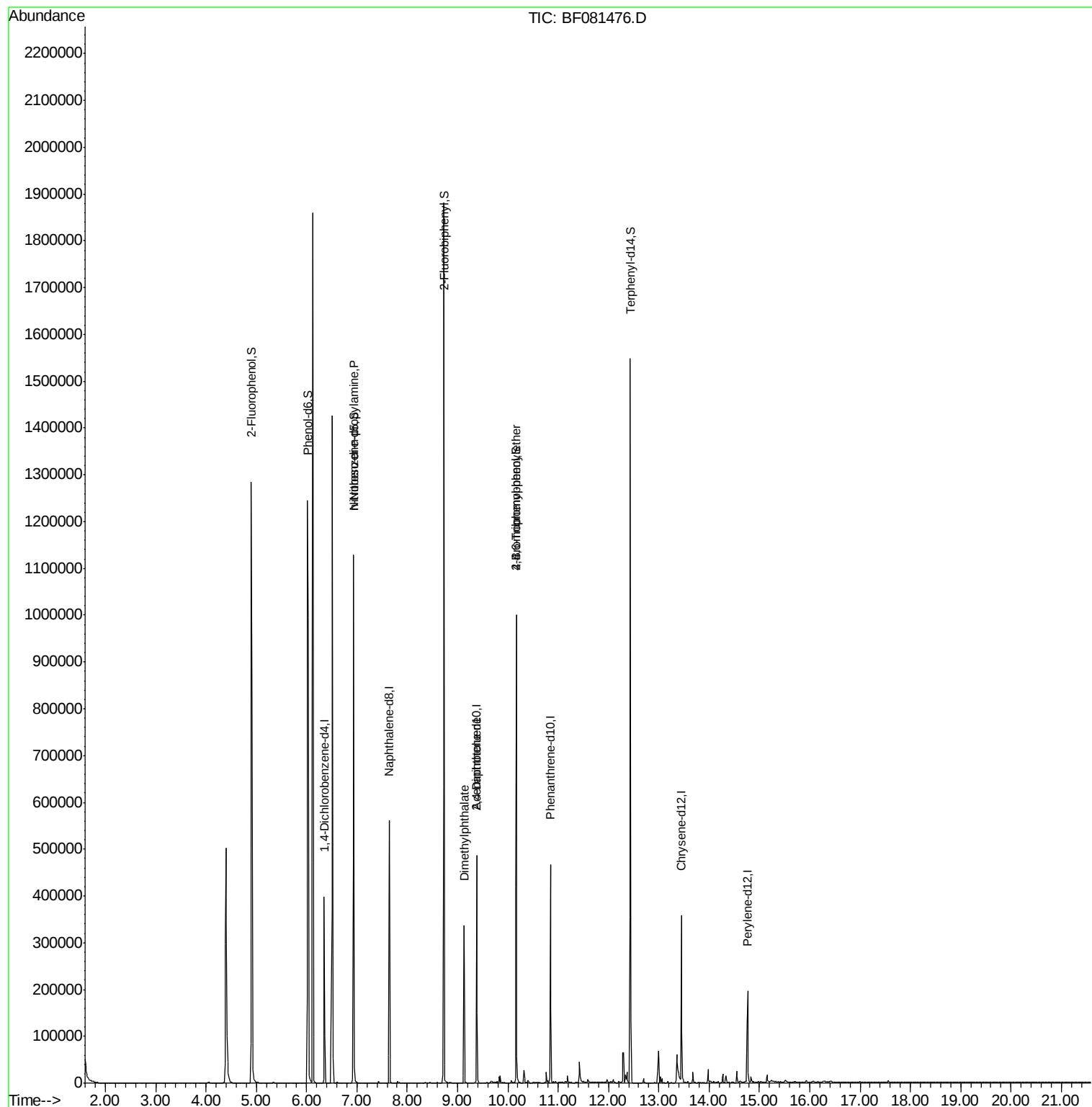
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	54600	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	218915	20.00	ng	-0.03
38) Acenaphthene-d10	9.38	164	95827	20.00	ng	-0.03
63) Phenanthrene-d10	10.84	188	178691	20.00	ng	-0.03
75) Chrysene-d12	13.45	240	131759	20.00	ng	-0.05
86) Perylene-d12	14.77	264	96913	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	412975	117.35	ng	-0.02
7) Phenol-d6	6.02	99	591674	127.02	ng	-0.03
23) Nitrobenzene-d5	6.94	82	380347	83.82	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	102675	120.33	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	594416	79.49	ng	-0.03
78) Terphenyl-d14	12.43	244	449725	79.45	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	52568	16.58	ng	# 60
49) Dimethylphthalate	9.13	163	116367	15.63	ng	# 96
56) 2,4-Dinitrotoluene	9.38	165	12749	5.93	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	8007	4.43	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081476.D
Acq On : 5 Sep 2015 21:28
Operator : UM/IZ
Sample : G3555-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1

Quant Time: Sep 07 01:31:14 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF081476.D

Acq: 5 Sep 2015 21:28

Instrument :

BNA_F

ClientSampleId :

SB-1

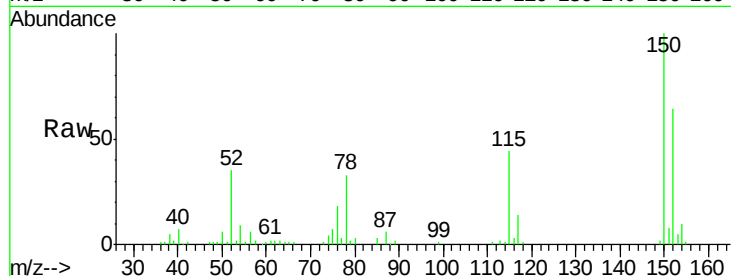
Tot Ion:152 Resp: 54600

Ion Ratio Lower Upper

152 100

150 155.7 124.7 187.1

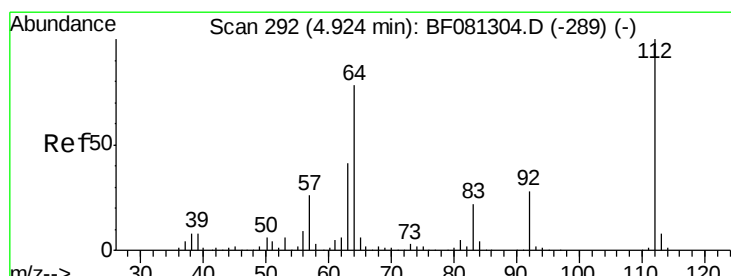
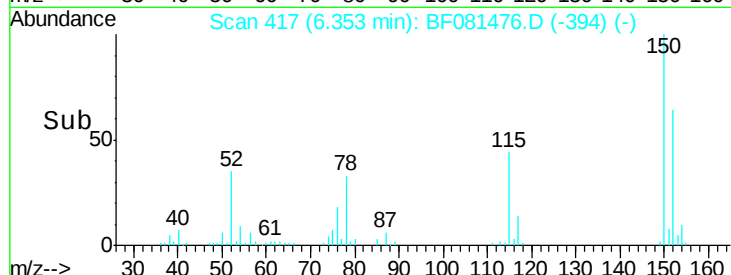
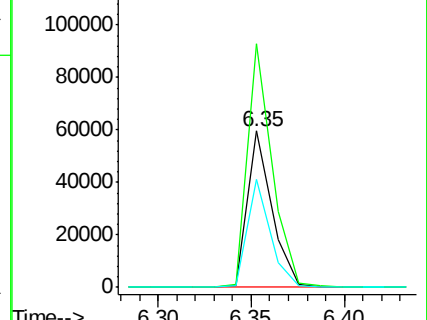
115 68.8 39.0 58.4#



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: 117.35 ng

RT: 4.90 min Scan# 290

Delta R.T. -0.02 min

Lab File: BF081476.D

Acq: 5 Sep 2015 21:28

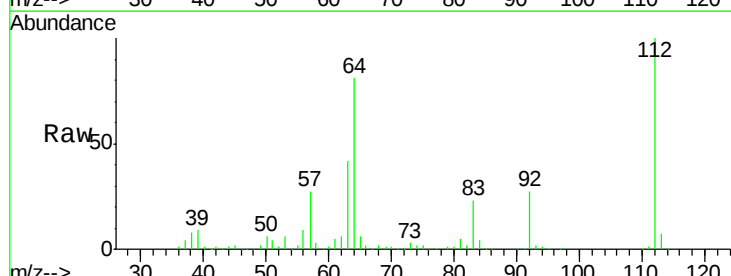
Tgt Ion:112 Resp: 412975

Ion Ratio Lower Upper

112 100

64 81.5 39.7 59.5#

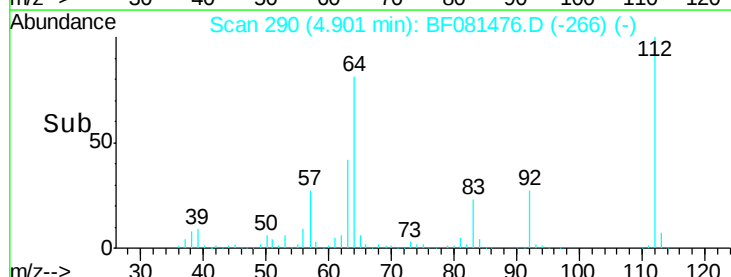
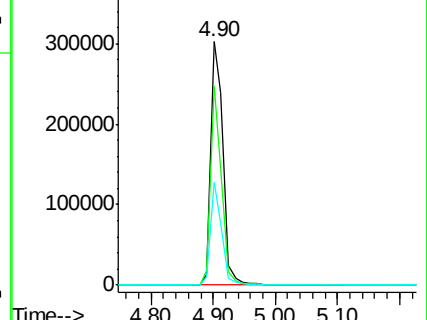
63 42.4 17.4 26.0#



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: 127.02 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF081476.D

Acq: 5 Sep 2015 21:28

Instrument :

BNA_F

ClientSampled :

SB-1

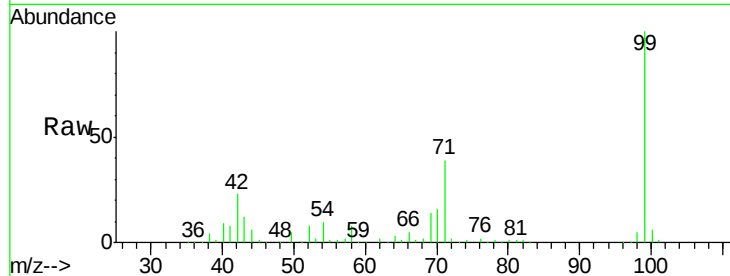
Tot Ion: 99 Resp: 591674

Ion Ratio Lower Upper

99 100

42 23.1 13.7 20.5#

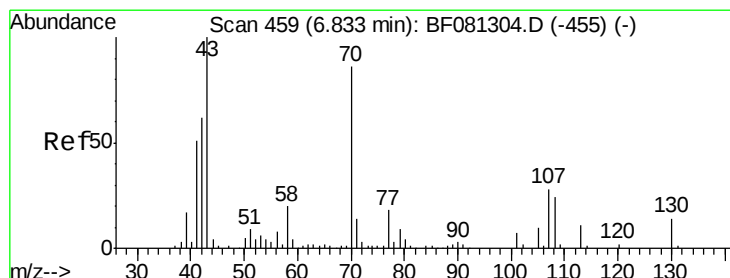
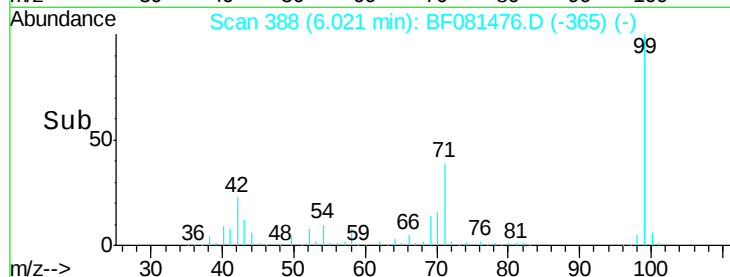
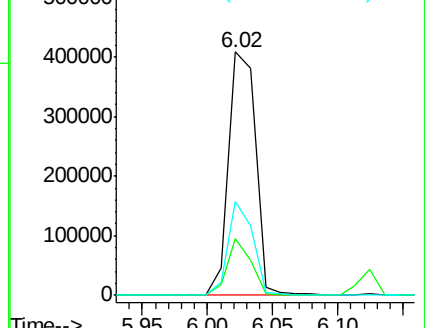
71 38.5 14.2 21.2#



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: 16.58 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF081476.D

Acq: 5 Sep 2015 21:28

Tgt Ion: 70 Resp: 52568

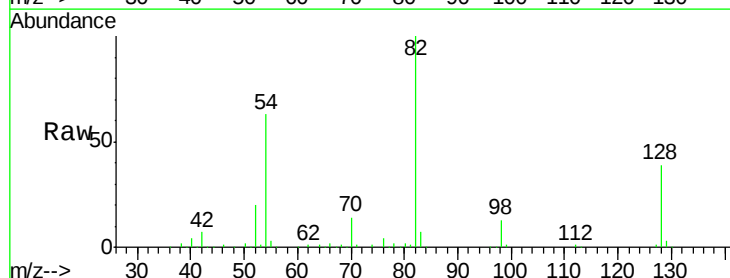
Ion Ratio Lower Upper

70 100

42 49.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#

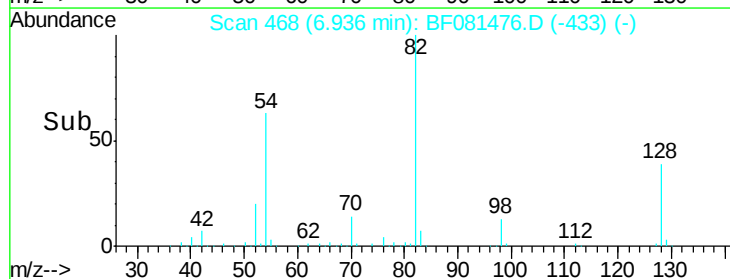
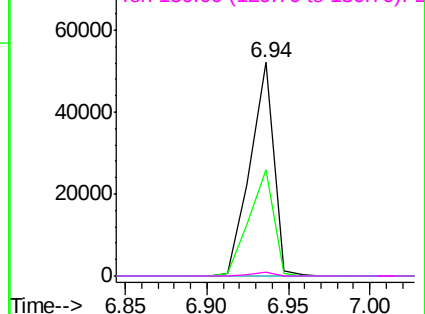


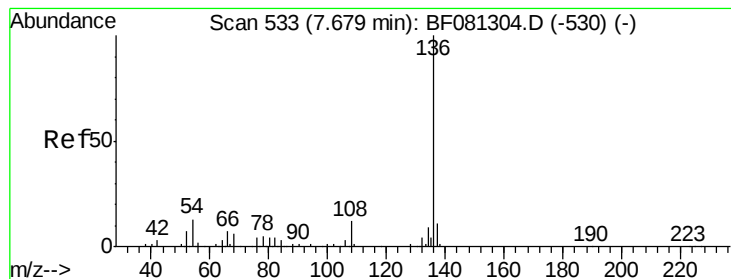
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): 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. -0.03 min

Lab File: BF081476.D

Acq: 5 Sep 2015 21:28

Instrument :

BNA_F

ClientSampleId :

SB-1

Tot Ion:136 Resp: 218915

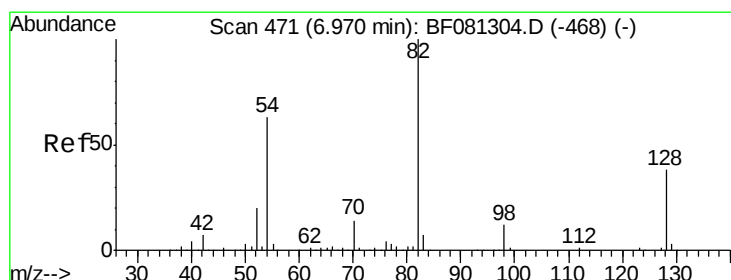
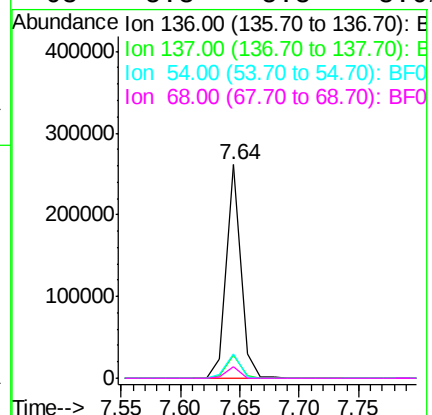
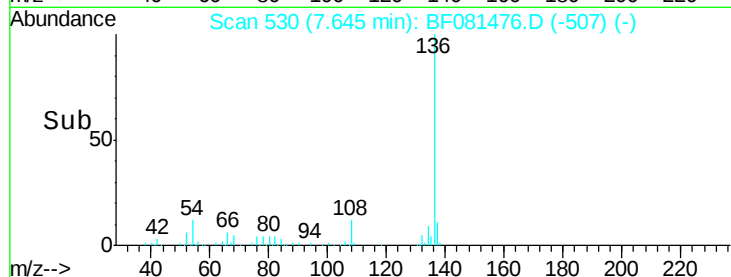
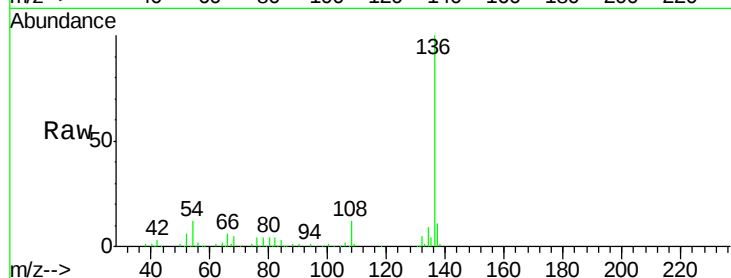
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 11.6 8.2 12.2

68 5.3 5.8 8.6#



#23

Nitrobenzene-d5

Concen: 83.82 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF081476.D

Acq: 5 Sep 2015 21:28

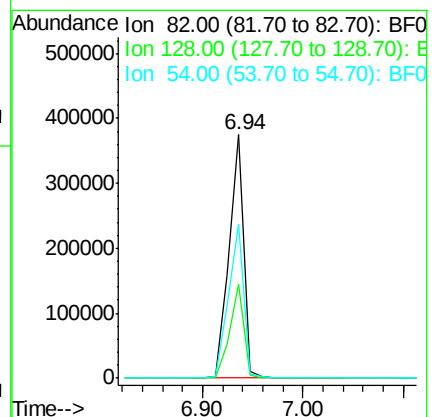
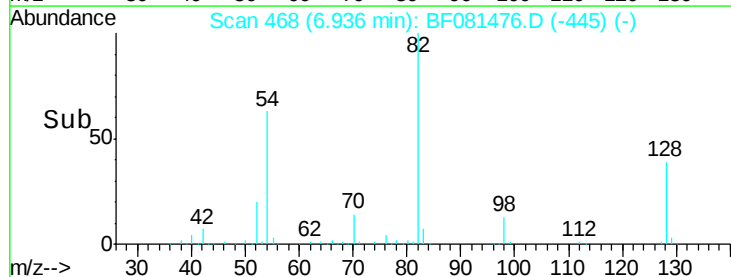
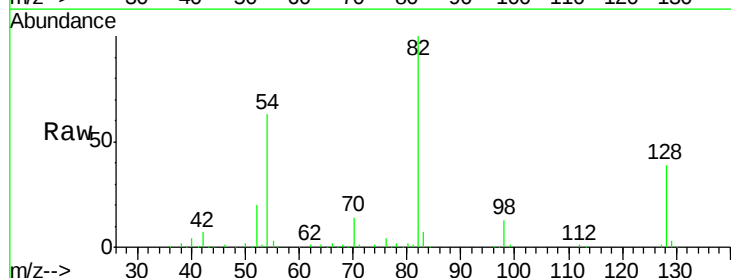
Tgt Ion: 82 Resp: 380347

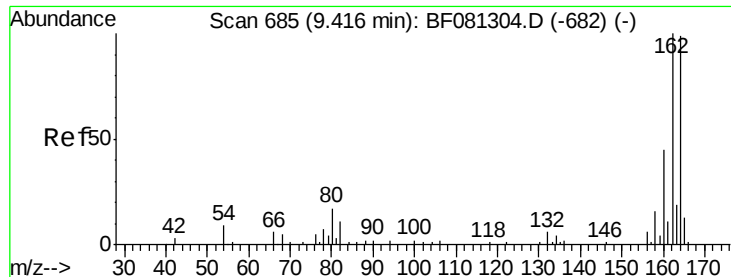
Ion Ratio Lower Upper

82 100

128 38.7 51.0 76.6#

54 63.1 47.5 71.3

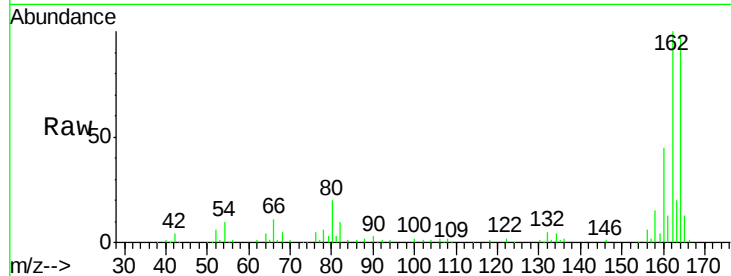




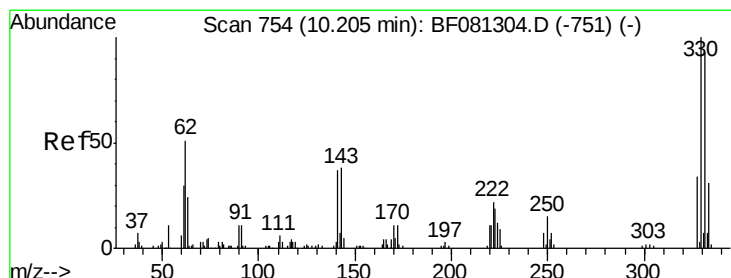
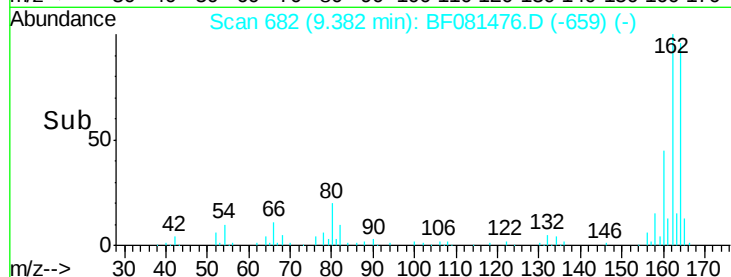
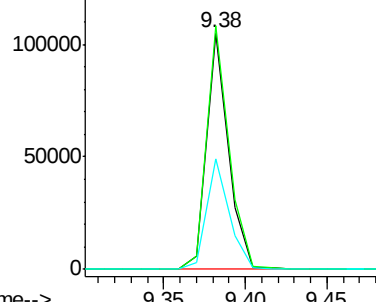
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF081476.D
 Acq: 5 Sep 2015 21:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tot Ion:164 Resp: 95827
 Ion Ratio Lower Upper
 164 100
 162 103.2 75.2 112.8
 160 46.7 31.5 47.3

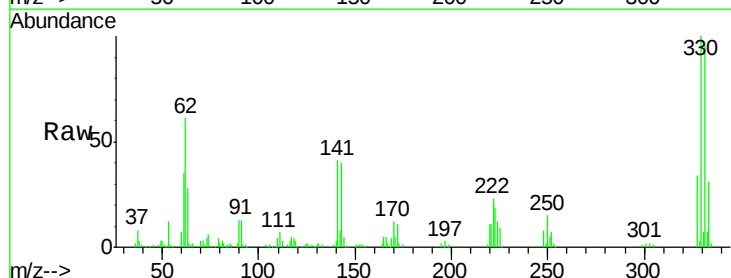


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

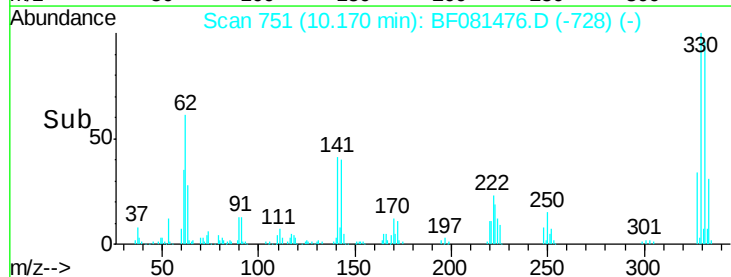
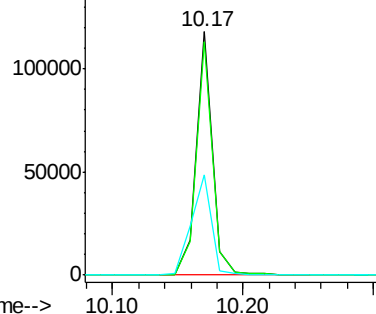


#41
 2,4,6-Tribromophenol
 Concen: 120.33 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF081476.D
 Acq: 5 Sep 2015 21:28

Tgt Ion:330 Resp: 102675
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 50.7 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

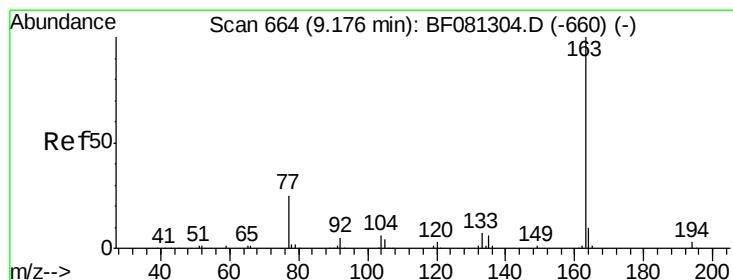
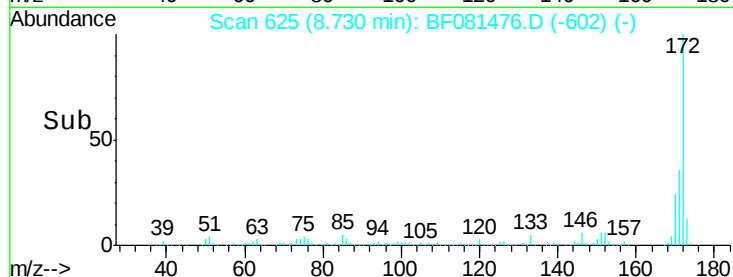
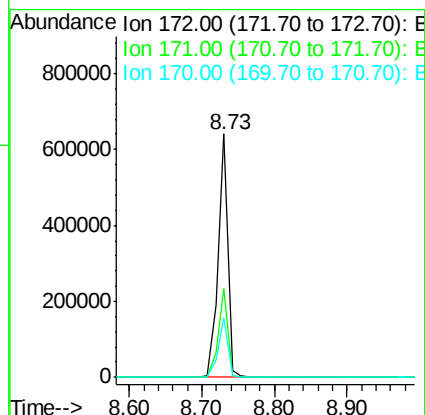
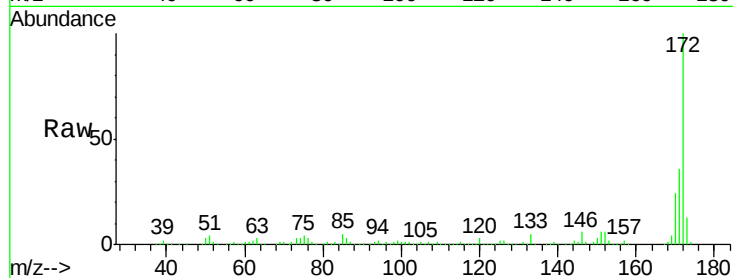




#44
 2-Fluorobiphenyl
 Concen: 79.49 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF081476.D
 Acq: 5 Sep 2015 21:28

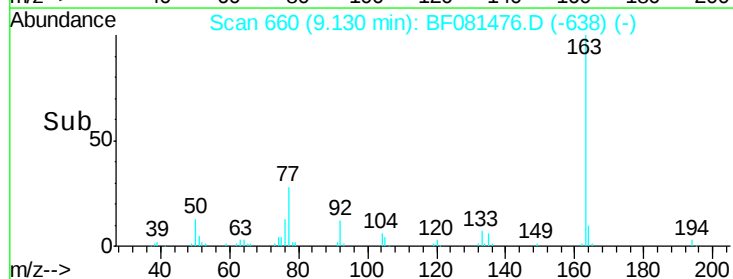
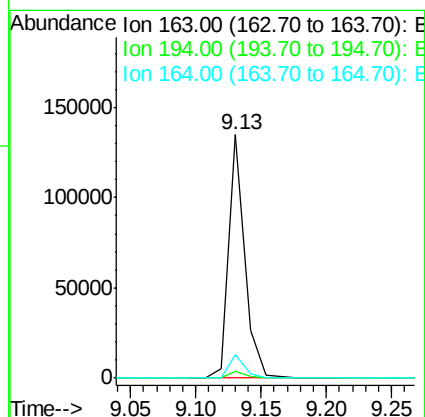
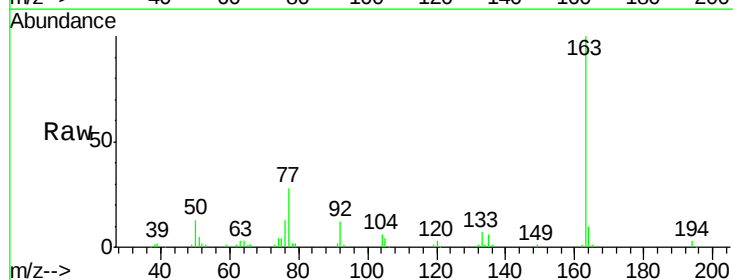
Instrument :
 BNA_F
 ClientSampleId :
 SB-1

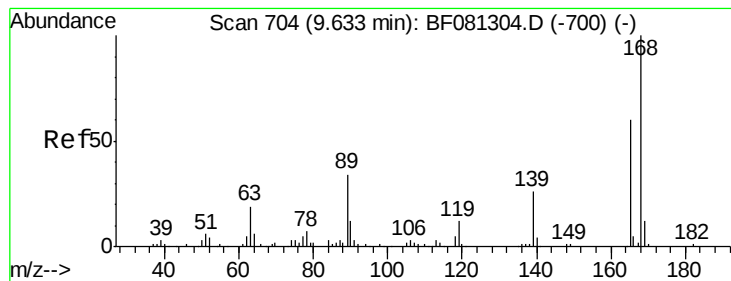
Tot Ion:172 Resp: 594416
 Ion Ratio Lower Upper
 172 100
 171 36.4 26.1 39.1
 170 24.3 17.4 26.2



#49
 Dimethylphthalate
 Concen: 15.63 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.05 min
 Lab File: BF081476.D
 Acq: 5 Sep 2015 21:28

Tgt Ion:163 Resp: 116367
 Ion Ratio Lower Upper
 163 100
 194 2.9 4.4 6.6#
 164 9.8 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 5.93 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.25 min

Lab File: BF081476.D

Acq: 5 Sep 2015 21:28

Instrument :

BNA_F

ClientSampleId :

SB-1

Tot Ion:165 Resp: 12749

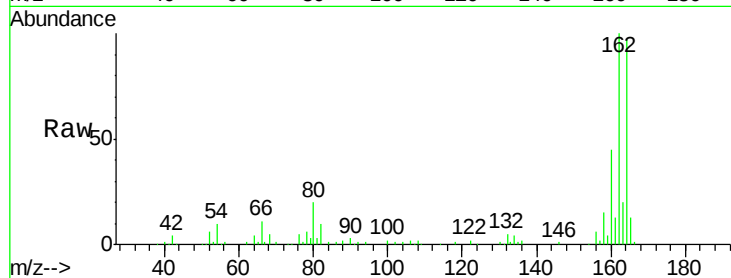
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

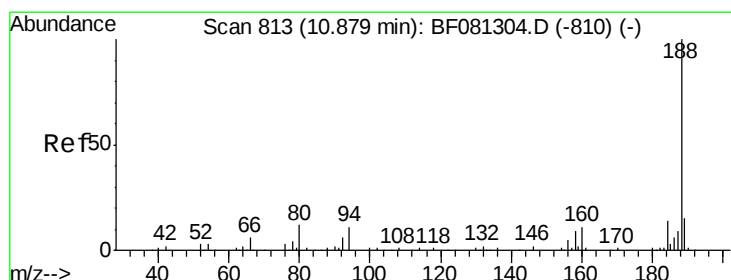
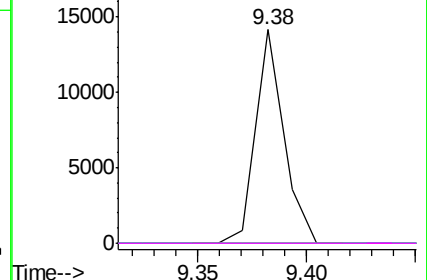
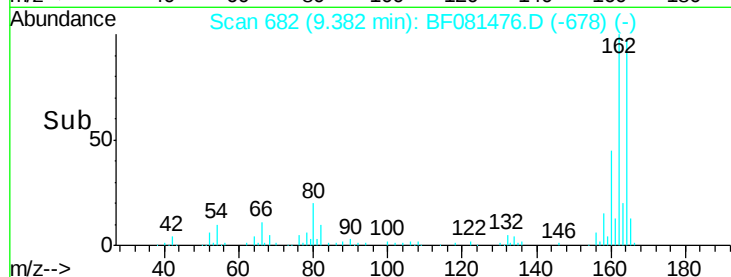


Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.03 min

Lab File: BF081476.D

Acq: 5 Sep 2015 21:28

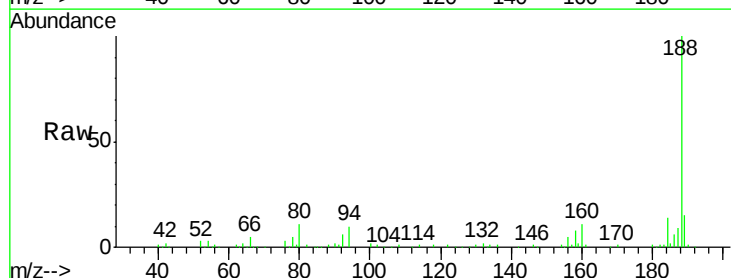
Tgt Ion:188 Resp: 178691

Ion Ratio Lower Upper

188 100

94 10.1 11.1 16.7#

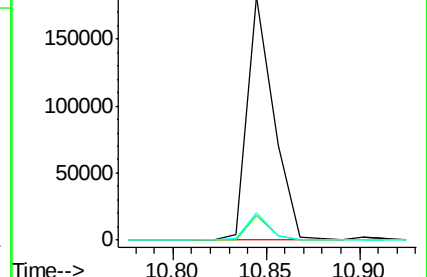
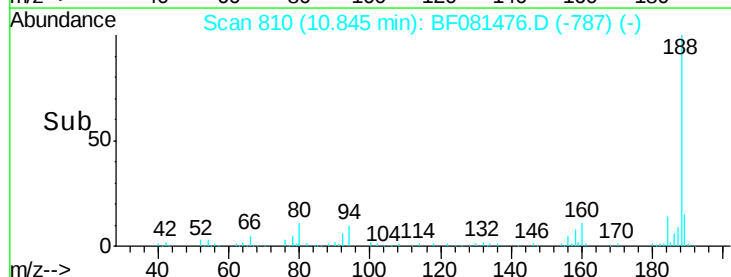
80 11.4 11.0 16.4

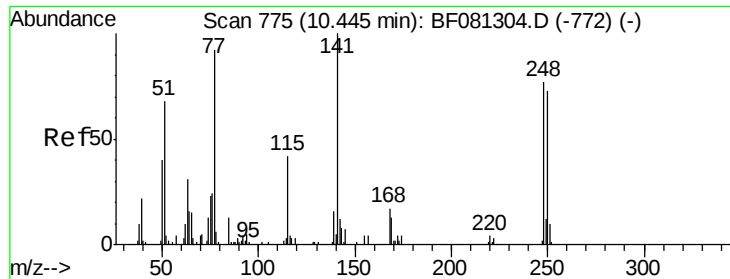


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.43 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.27 min

Lab File: BF081476.D

Acq: 5 Sep 2015 21:28

Instrument :

BNA_F

ClientSampleId :

SB-1

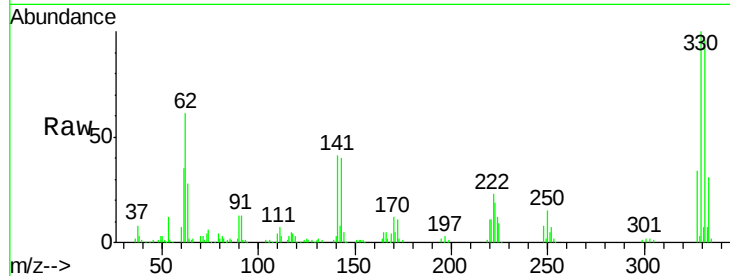
Tot Ion:248 Resp: 8007

Ion Ratio Lower Upper

248 100

250 203.7 78.5 117.7#

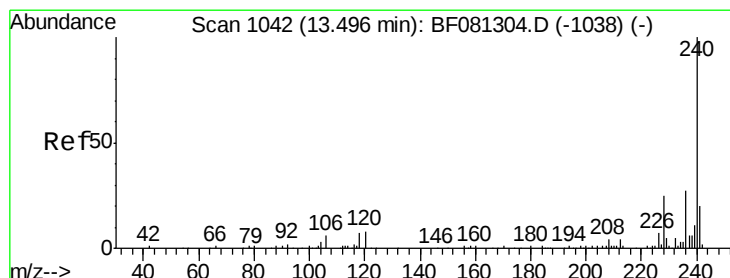
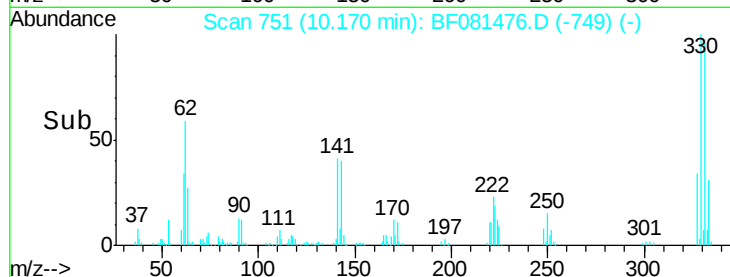
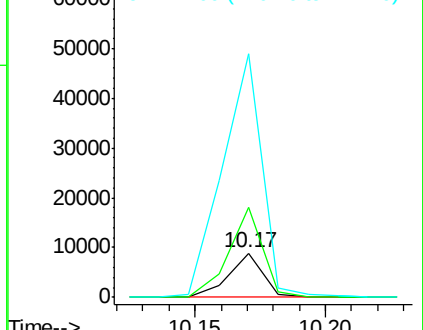
141 551.2 59.0 88.6#



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. -0.05 min

Lab File: BF081476.D

Acq: 5 Sep 2015 21:28

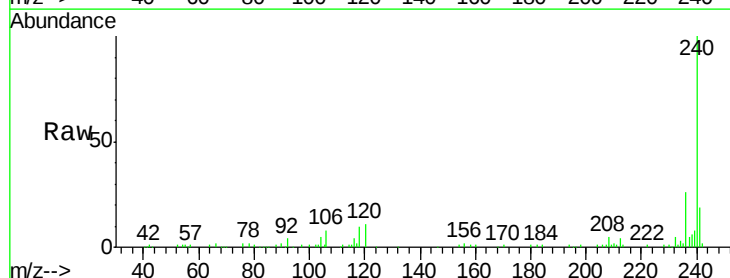
Tgt Ion:240 Resp: 131759

Ion Ratio Lower Upper

240 100

120 10.6 16.2 24.2#

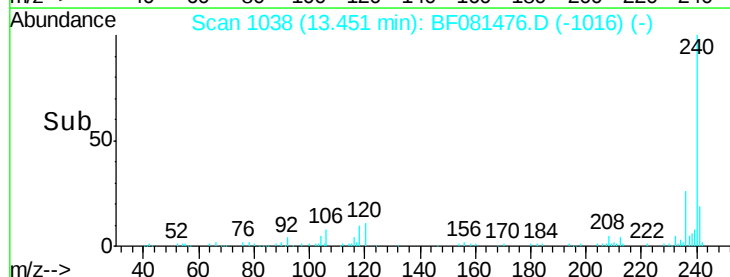
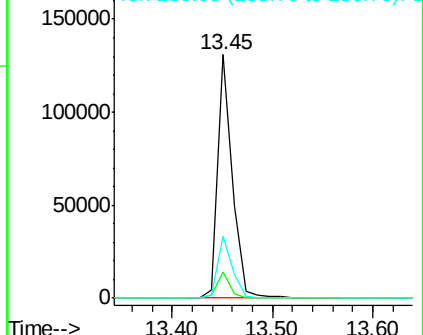
236 25.6 18.4 27.6



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

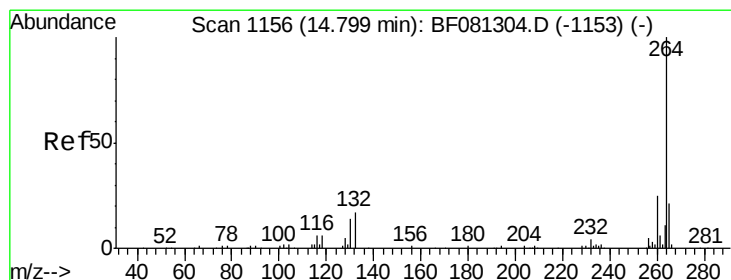
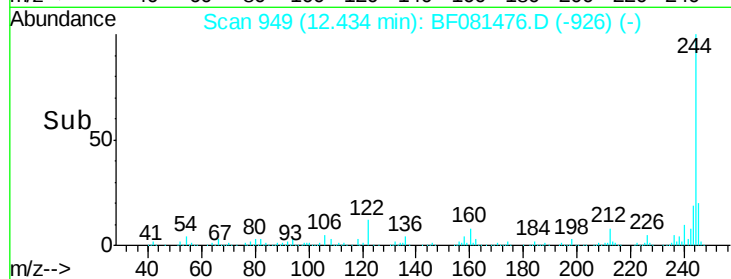
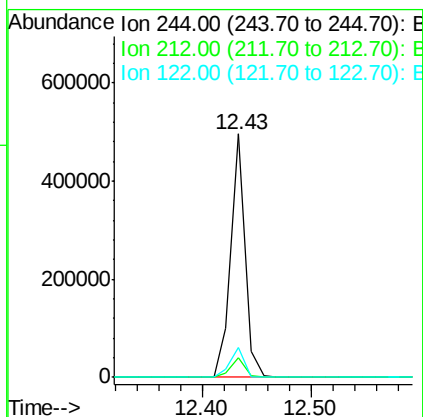
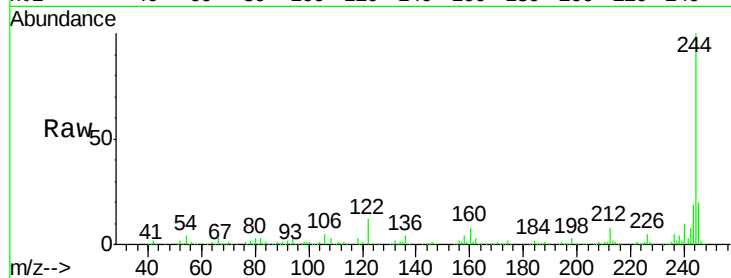




#78
 Terphenyl-d14
 Concen: 79.45 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF081476.D
 Acq: 5 Sep 2015 21:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tot Ion:244 Resp: 449725
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 12.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF081476.D
 Acq: 5 Sep 2015 21:28

Tgt Ion:264 Resp: 96913
 Ion Ratio Lower Upper
 264 100
 260 23.4 16.7 25.1
 265 20.7 17.2 25.8

