

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081426.D
 Acq On : 4 Sep 2015 18:50
 Operator : UM/IZ
 Sample : PB85417BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BL

Quant Time: Sep 07 01:08:01 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 01:02:00 2015
 Response via : Initial Calibration

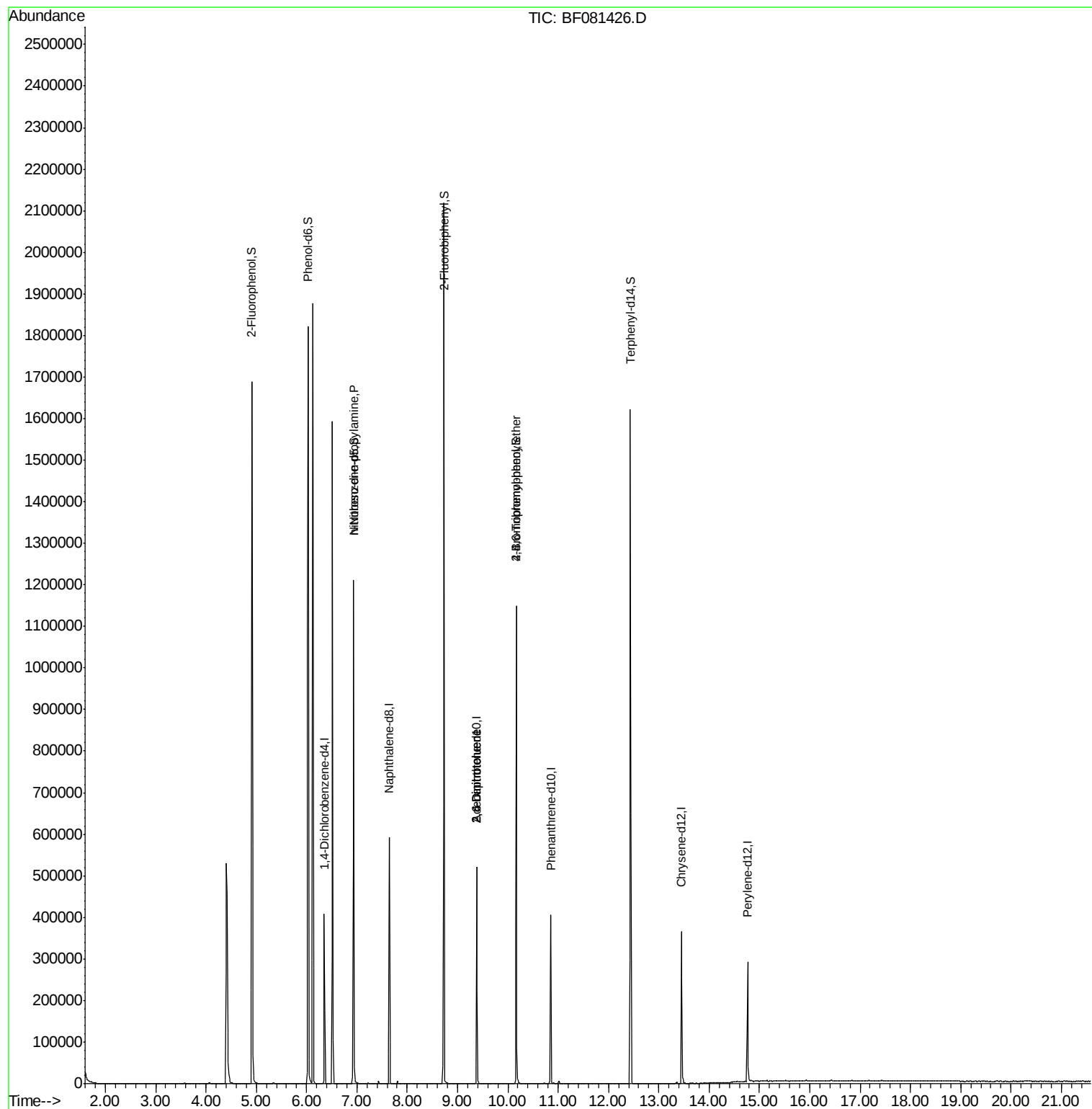
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	62626	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	244484	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	112032	20.00	ng	-0.01
63) Phenanthrene-d10	10.86	188	232178	20.00	ng	0.00
75) Chrysene-d12	13.45	240	167466	20.00	ng	-0.01
86) Perylene-d12	14.77	264	121420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	443087	109.77	ng	0.01
7) Phenol-d6	6.03	99	688041	128.78	ng	0.00
23) Nitrobenzene-d5	6.94	82	420693	83.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	102378	102.63	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	652580	74.65	ng	-0.01
78) Terphenyl-d14	12.43	244	576136	80.08	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	56718	15.60	ng	# 63
50) 2,6-Dinitrotoluene	9.38	165	14488	7.33	ng	# 37
56) 2,4-Dinitrotoluene	9.38	165	14488	5.76	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	8316	3.54	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: BF081426.D

Acq: 4 Sep 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB85417BL

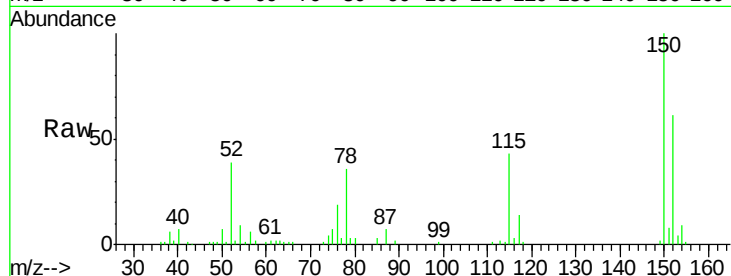
Tot Ion:152 Resp: 62626

Ion Ratio Lower Upper

152 100

150 163.7 124.7 187.1

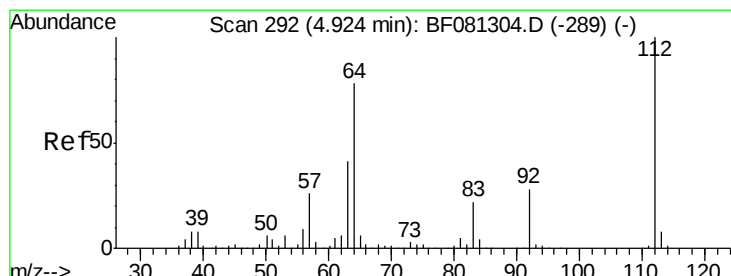
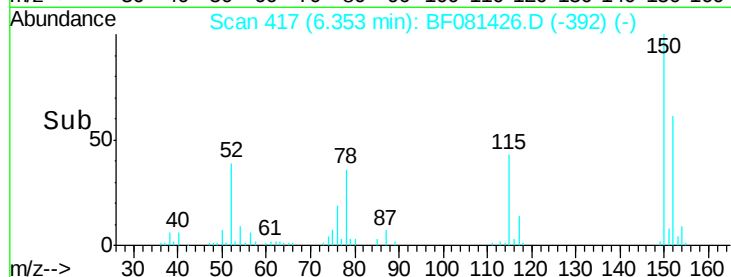
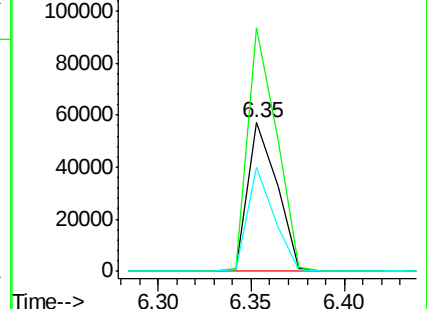
115 70.2 39.0 58.4#



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: 109.77 ng

RT: 4.91 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF081426.D

Acq: 4 Sep 2015 18:50

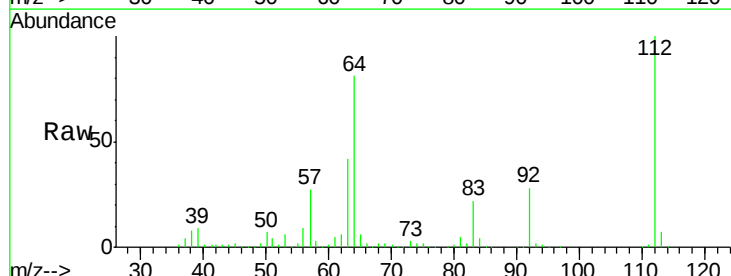
Tgt Ion:112 Resp: 443087

Ion Ratio Lower Upper

112 100

64 81.1 39.7 59.5#

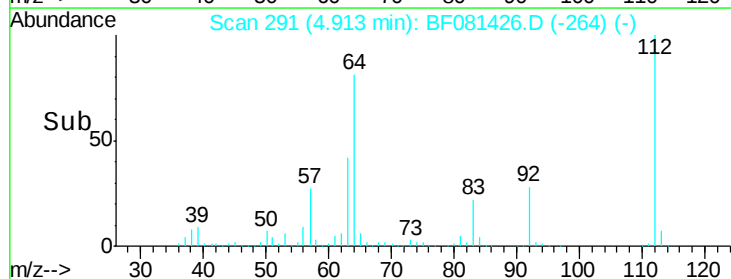
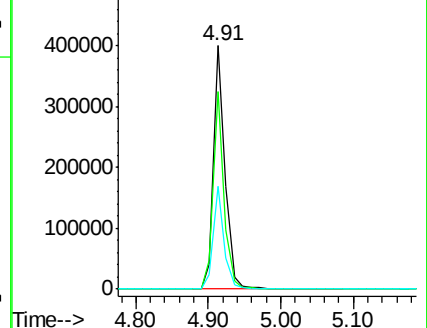
63 42.5 17.4 26.0#



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: 128.78 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081426.D

Acq: 4 Sep 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB85417BL

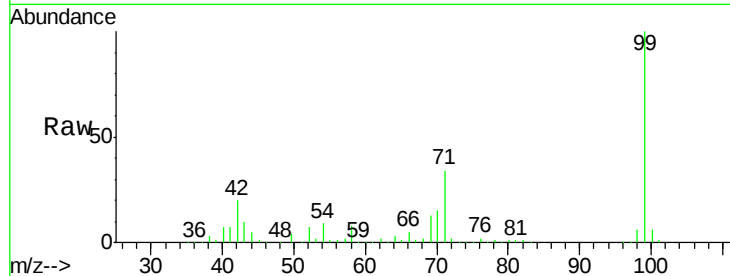
Tot Ion: 99 Resp: 688041

Ion Ratio Lower Upper

99 100

42 19.8 13.7 20.5

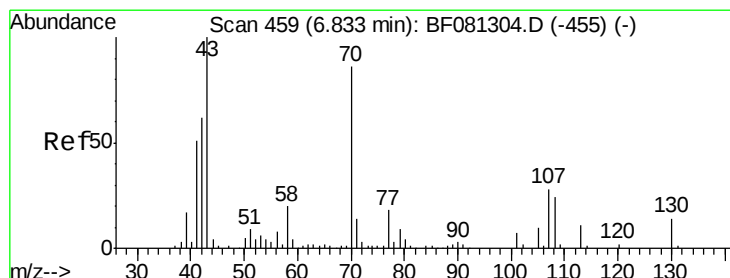
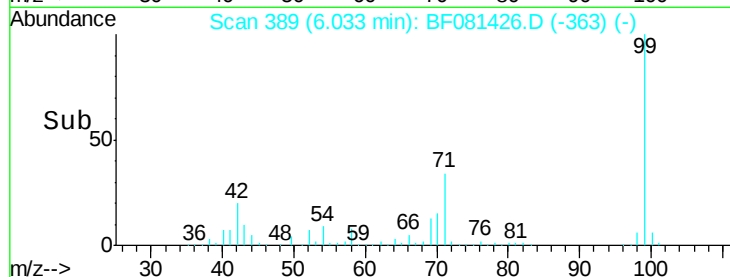
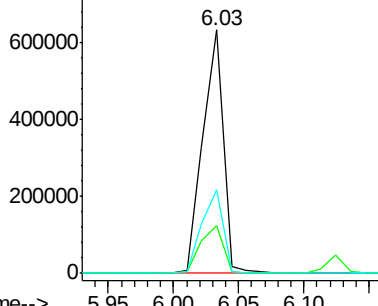
71 34.4 14.2 21.2#



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: 15.60 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081426.D

Acq: 4 Sep 2015 18:50

Tgt Ion: 70 Resp: 56718

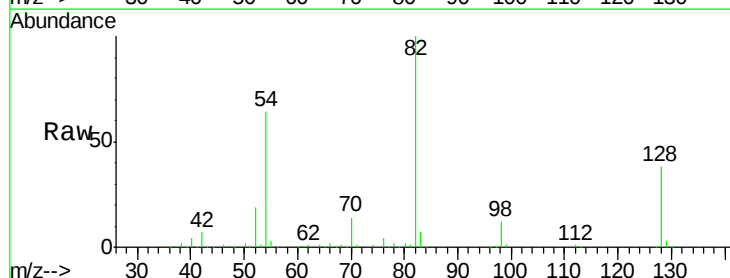
Ion Ratio Lower Upper

70 100

42 52.7 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

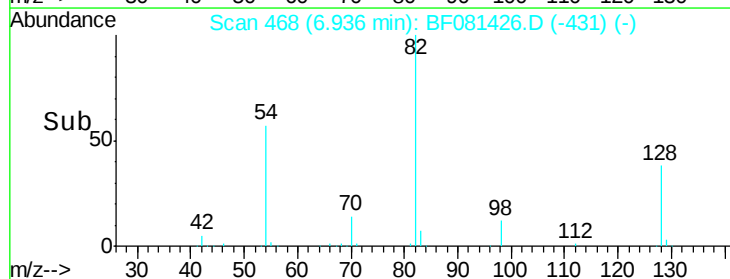
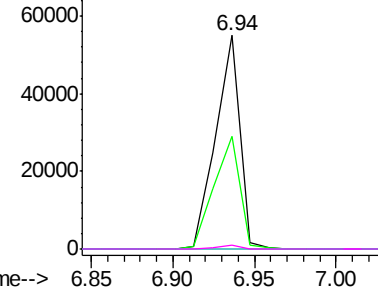


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF081426.D

Acq: 4 Sep 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB85417BL

Tot Ion:136 Resp: 244484

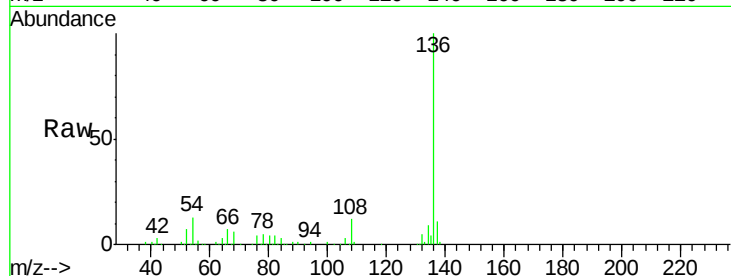
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 13.1 8.2 12.2#

68 6.3 5.8 8.6

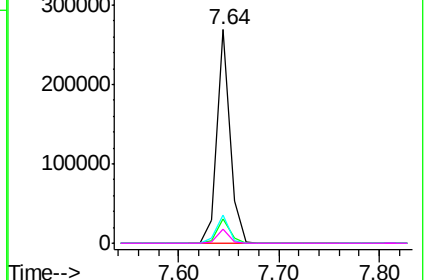
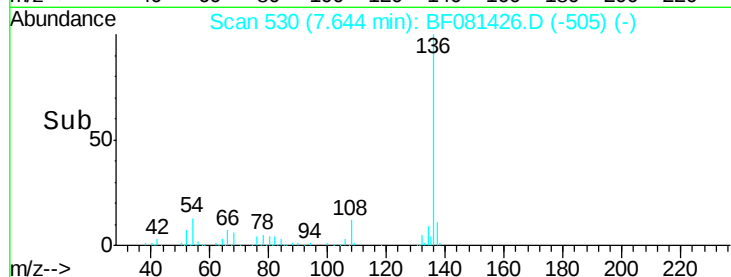


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.02 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081426.D

Acq: 4 Sep 2015 18:50

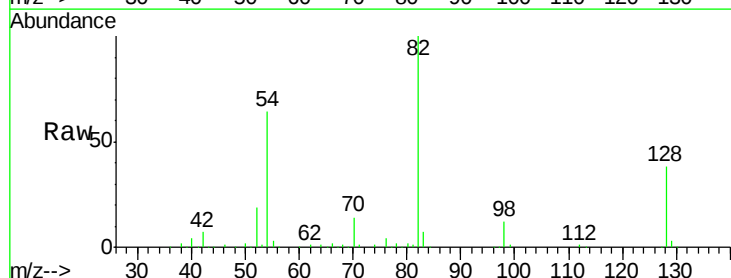
Tgt Ion: 82 Resp: 420693

Ion Ratio Lower Upper

82 100

128 38.4 51.0 76.6#

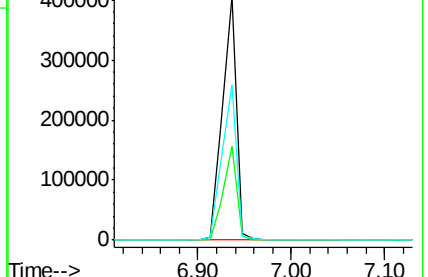
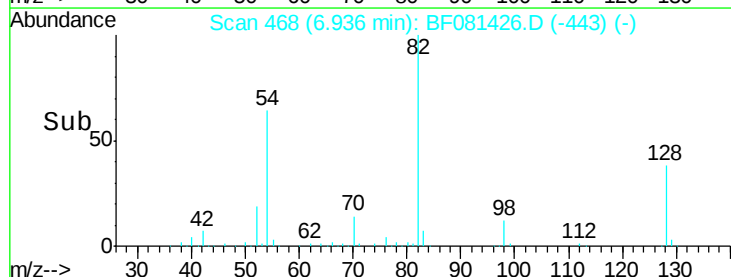
54 63.6 47.5 71.3

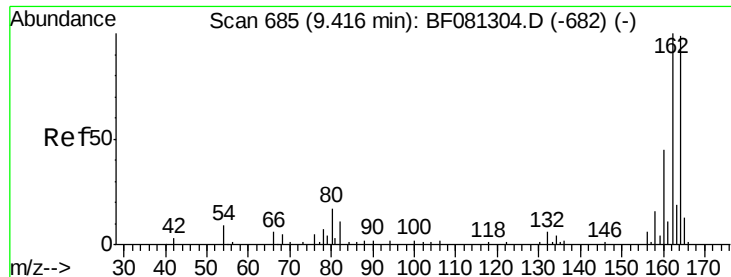


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081426.D

Acq: 4 Sep 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB85417BL

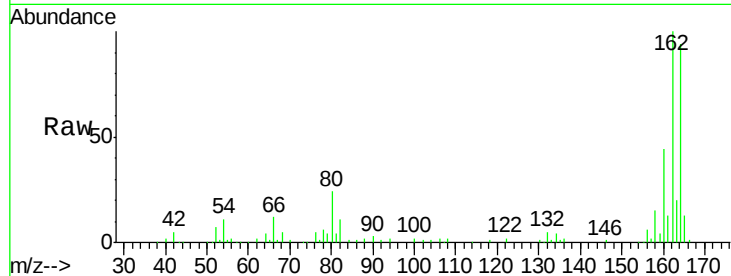
Tot Ion:164 Resp: 112032

Ion Ratio Lower Upper

164 100

162 106.1 75.2 112.8

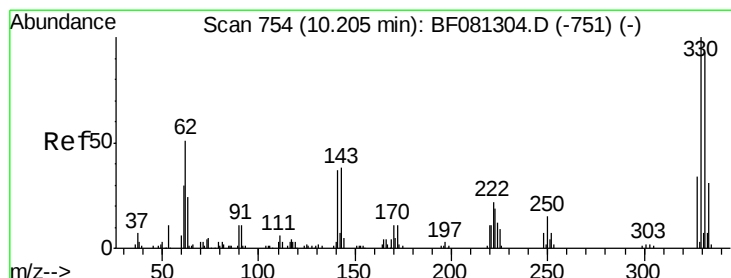
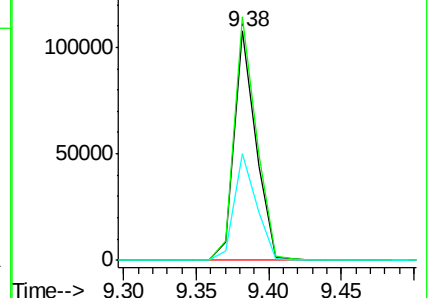
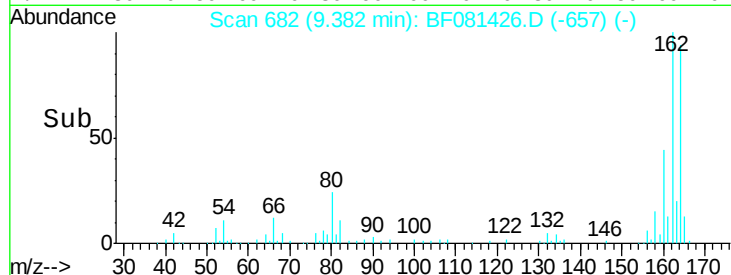
160 46.7 31.5 47.3



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: 102.63 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF081426.D

Acq: 4 Sep 2015 18:50

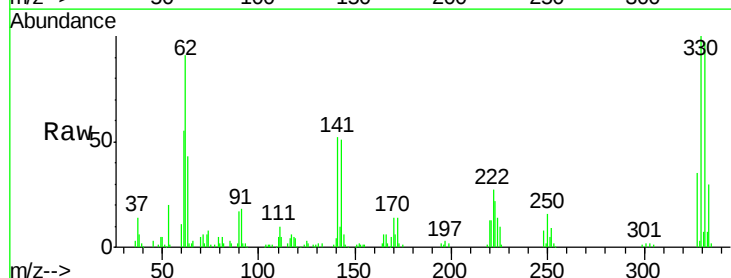
Tgt Ion:330 Resp: 102378

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

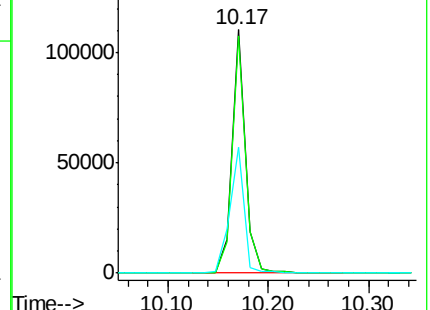
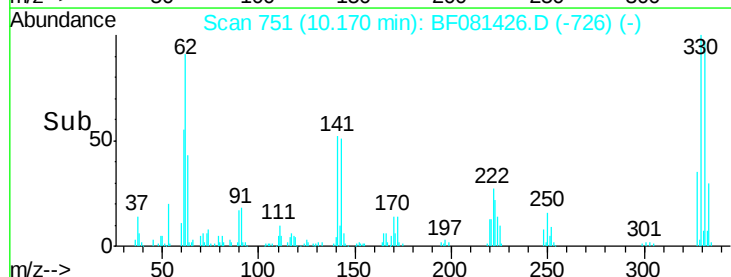
141 55.1 29.7 44.5#



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

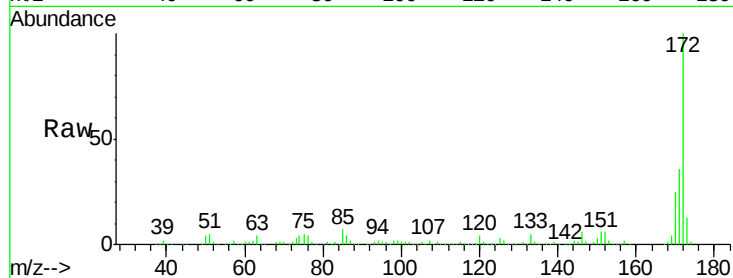




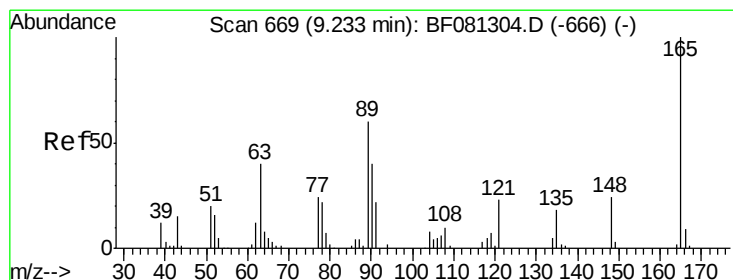
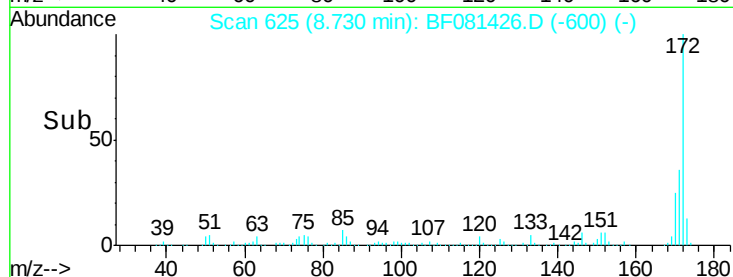
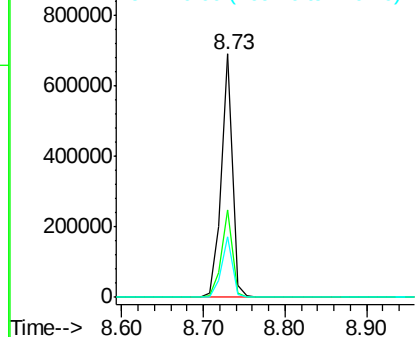
#44
 2-Fluorobiphenyl
 Concen: 74.65 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081426.D
 Acq: 4 Sep 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BL

Tot Ion:172 Resp: 652580
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 24.7 17.4 26.2

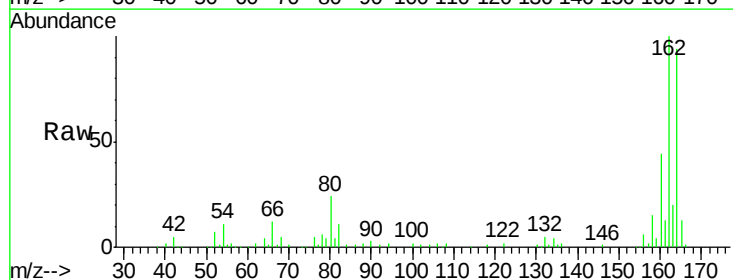


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

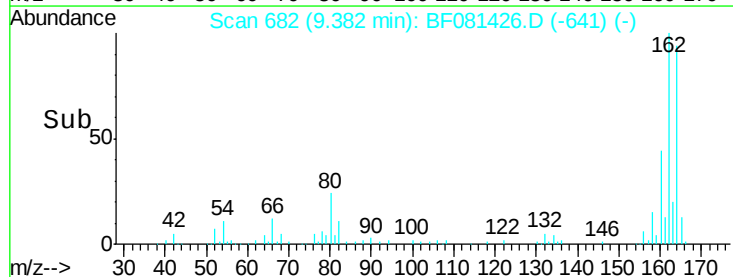
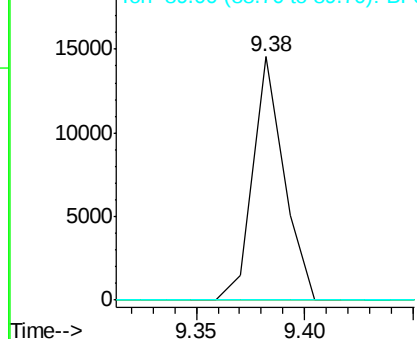


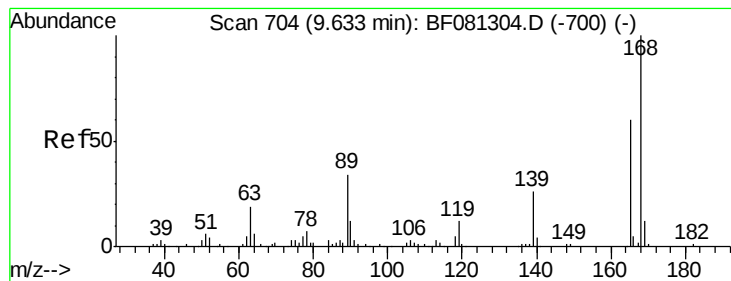
#50
 2,6-Dinitrotoluene
 Concen: 7.33 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: BF081426.D
 Acq: 4 Sep 2015 18:50

Tgt Ion:165 Resp: 14488
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 0.0 28.6 43.0#



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: 5.76 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.22 min

Lab File: BF081426.D

Acq: 4 Sep 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB85417BL

Tot Ion:165 Resp: 14488

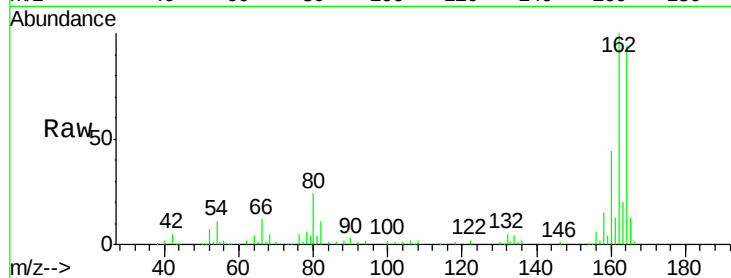
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

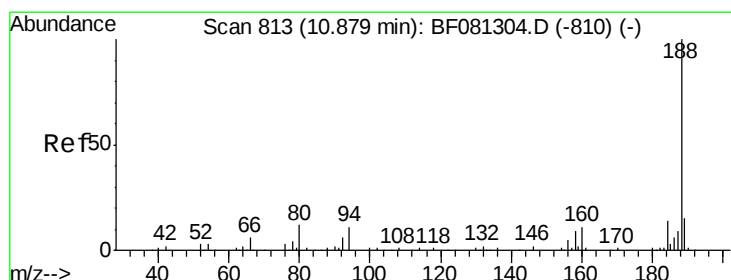
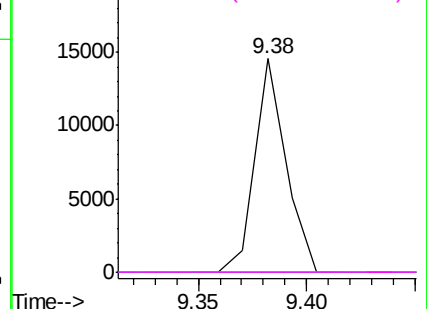
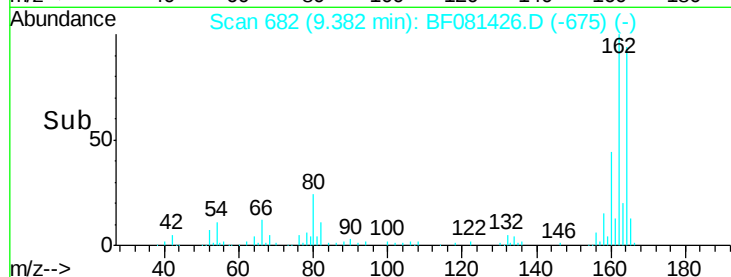


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.86 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF081426.D

Acq: 4 Sep 2015 18:50

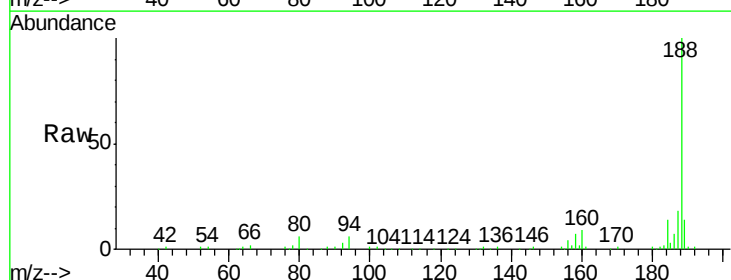
Tgt Ion:188 Resp: 232178

Ion Ratio Lower Upper

188 100

94 5.6 11.1 16.7#

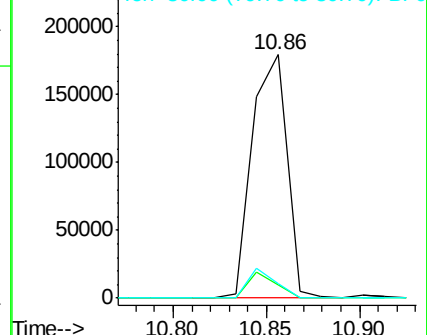
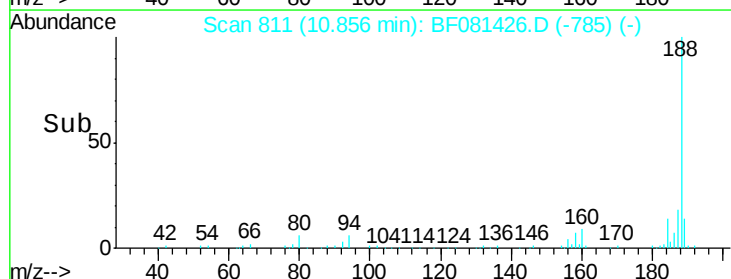
80 5.8 11.0 16.4#

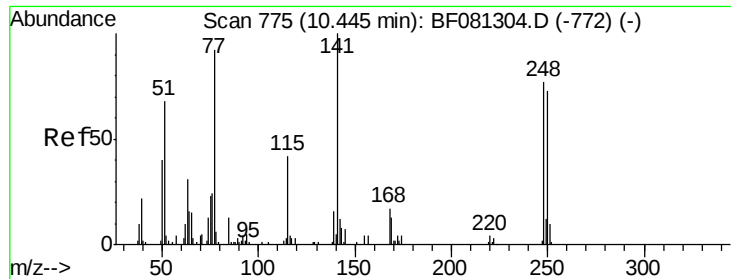


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

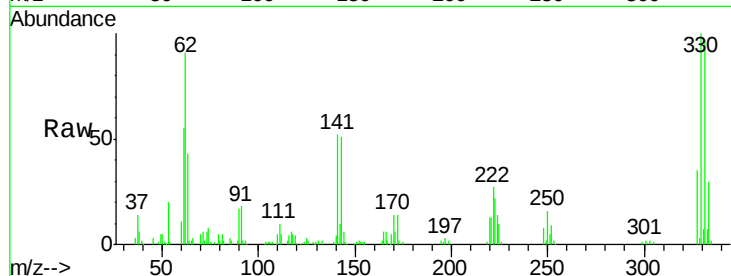




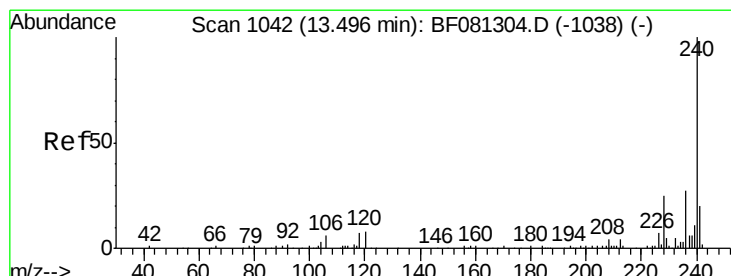
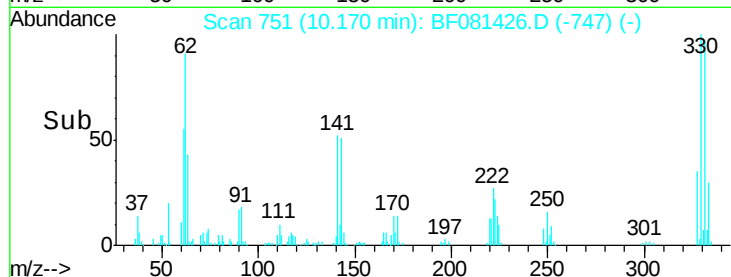
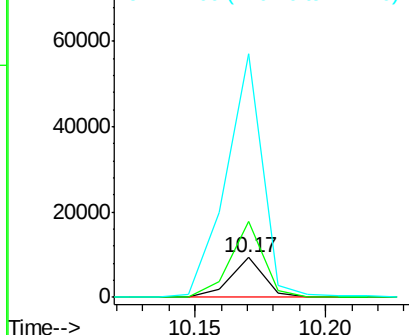
#66
4-Bromophenyl-phenylether
Concen: 3.54 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF081426.D
Acq: 4 Sep 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB85417BL

Tot Ion:248 Resp: 8316
Ion Ratio Lower Upper
248 100
250 191.3 78.5 117.7#
141 614.0 59.0 88.6#

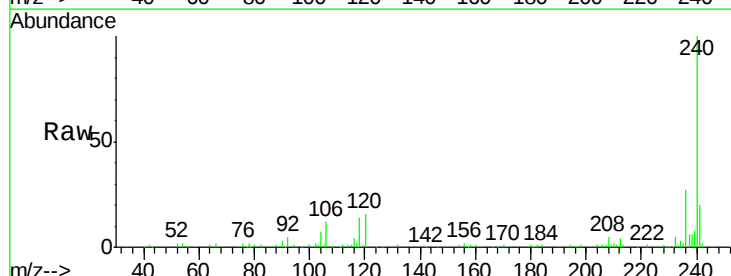


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

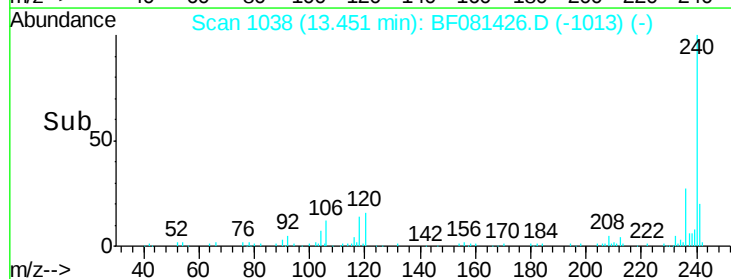
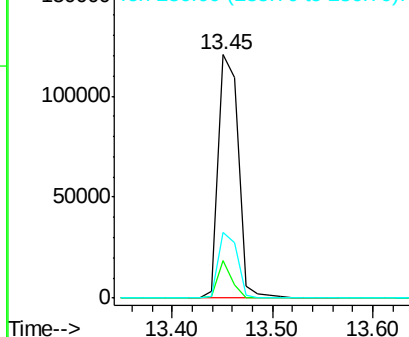


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF081426.D
Acq: 4 Sep 2015 18:50

Tgt Ion:240 Resp: 167466
Ion Ratio Lower Upper
240 100
120 15.6 16.2 24.2#
236 27.2 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

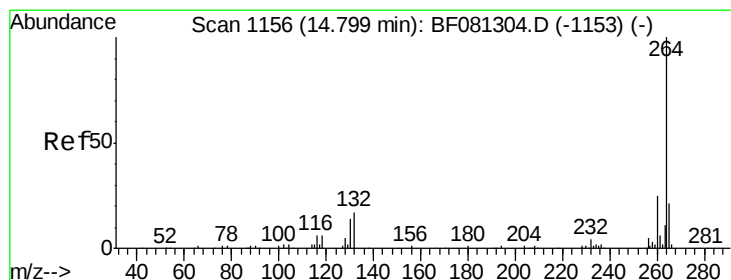
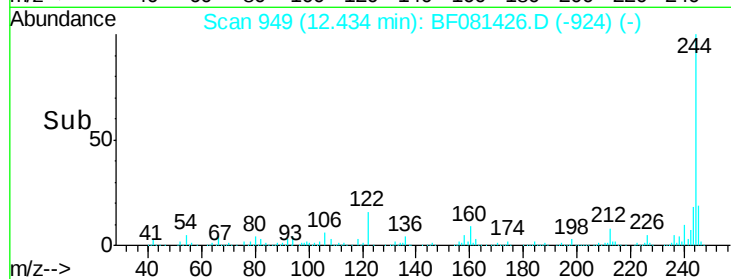
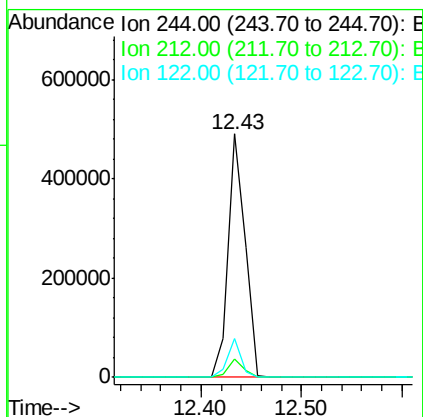
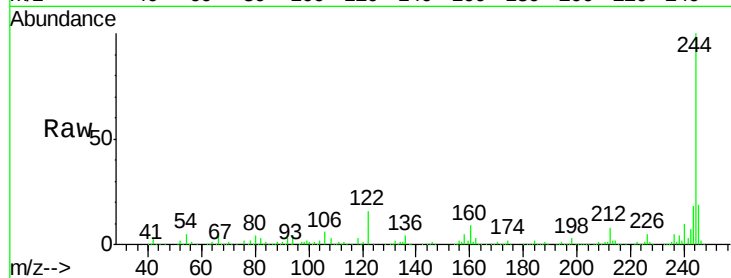




#78
 Terphenyl-d14
 Concen: 80.08 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF081426.D
 Acq: 4 Sep 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BL

Tot Ion:244 Resp: 576136
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 15.7 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081426.D
 Acq: 4 Sep 2015 18:50

Tgt Ion:264 Resp: 121420
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 21.8 17.2 25.8

