

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081441.D
 Acq On : 5 Sep 2015 2:32
 Operator : UM/IZ
 Sample : G3526-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15(5-7)

Quant Time: Sep 07 01:56:43 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

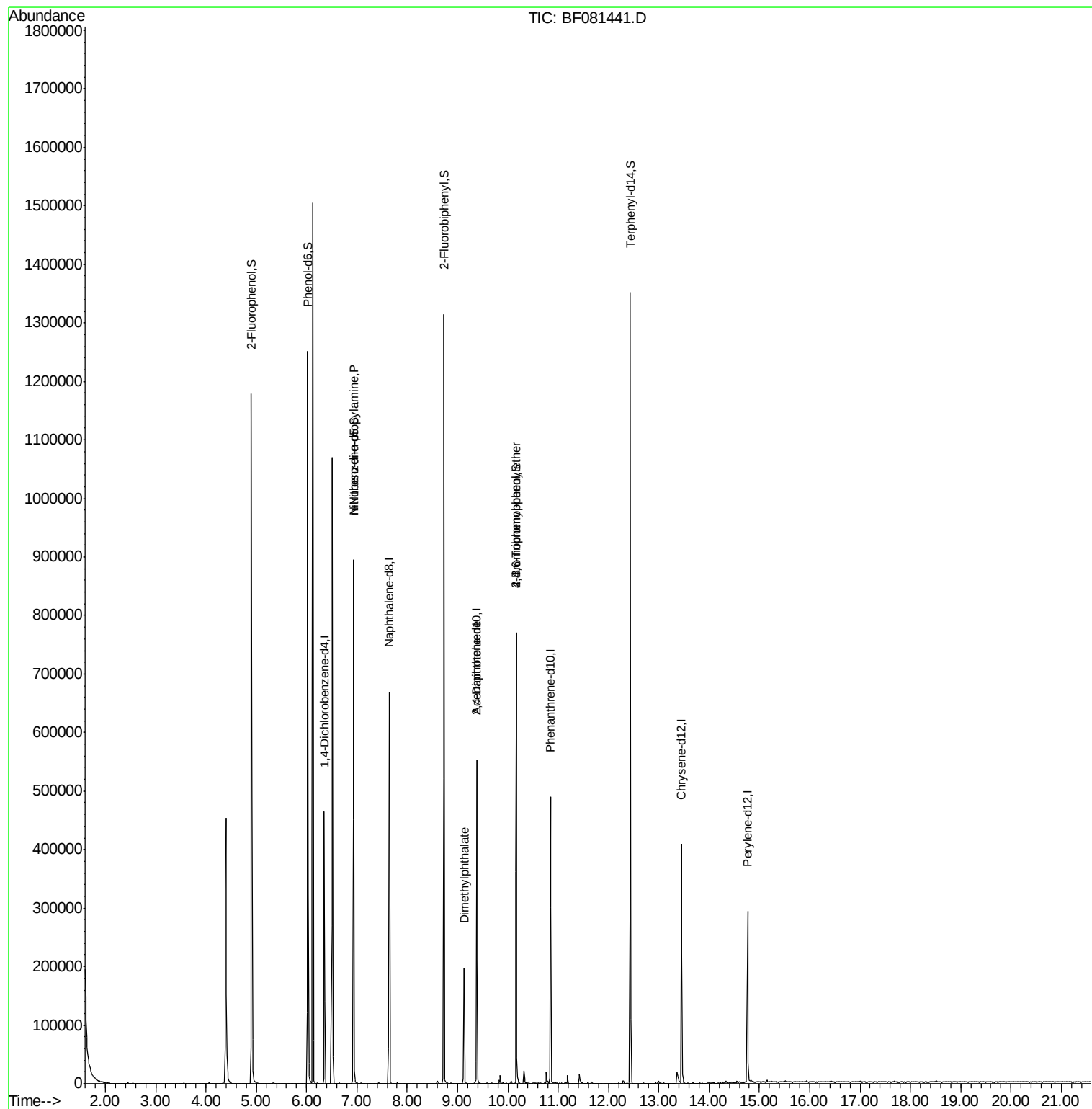
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	65412	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	266861	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	116643	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	227604	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	172803	20.00	ng	-0.01
86) Perylene-d12	14.77	264	131051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	321508	76.26	ng	0.00
7) Phenol-d6	6.02	99	404736	72.53	ng	-0.01
23) Nitrobenzene-d5	6.94	82	320797	58.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	84796	81.65	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	442318	48.59	ng	0.00
78) Terphenyl-d14	12.43	244	378143	50.94	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	42469	11.18	ng	# 59
49) Dimethylphthalate	9.13	163	72389	7.99	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	14156	5.41	ng	# 33
66) 4-Bromophenyl-phenylether	10.17	248	6588	2.86	ng	# 1

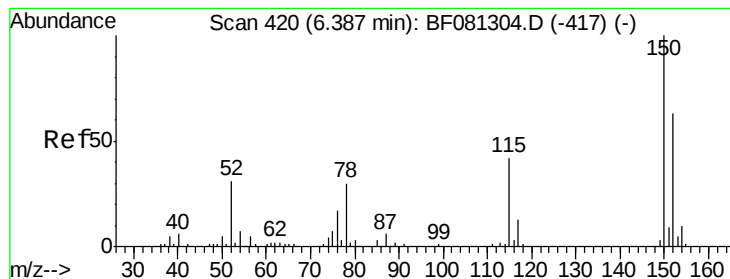
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 07 01:54:57 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF081441.D

Acq: 5 Sep 2015 2:32

Instrument :

BNA_F

ClientSampleId :

SB-15(5-7)

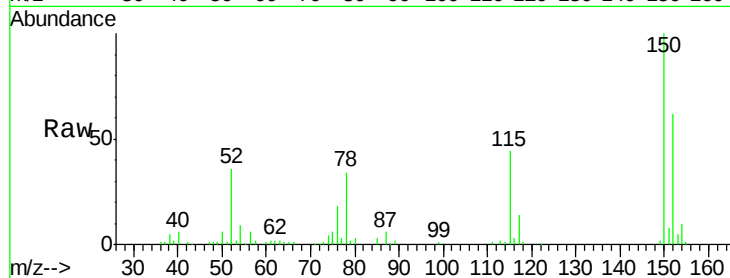
Tot Ion:152 Resp: 65412

Ion Ratio Lower Upper

152 100

150 162.1 124.7 187.1

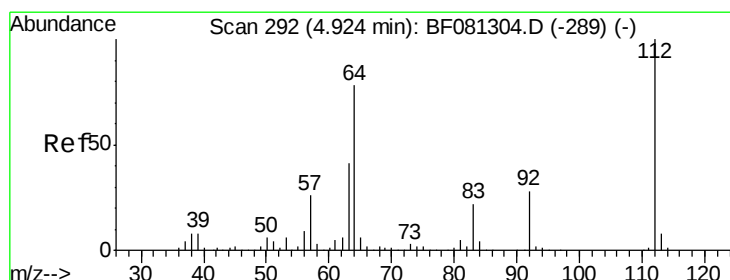
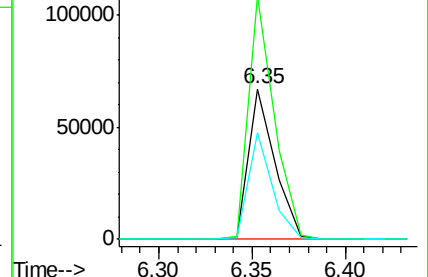
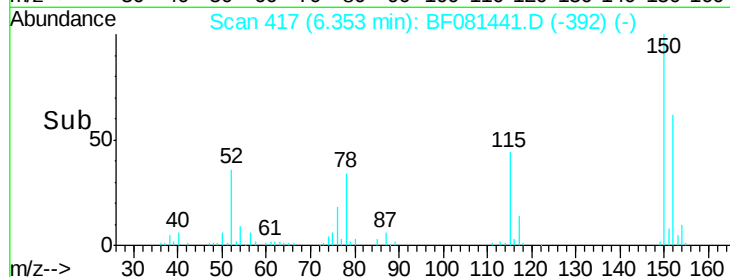
115 71.2 39.0 58.4#



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: 76.26 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.00 min

Lab File: BF081441.D

Acq: 5 Sep 2015 2:32

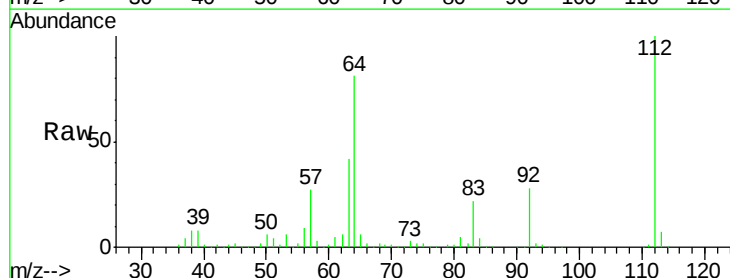
Tgt Ion:112 Resp: 321508

Ion Ratio Lower Upper

112 100

64 80.5 39.7 59.5#

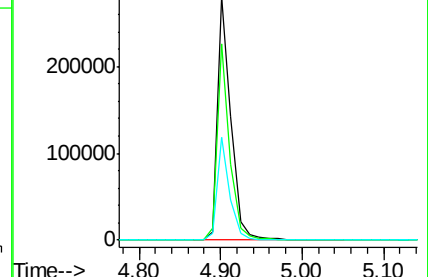
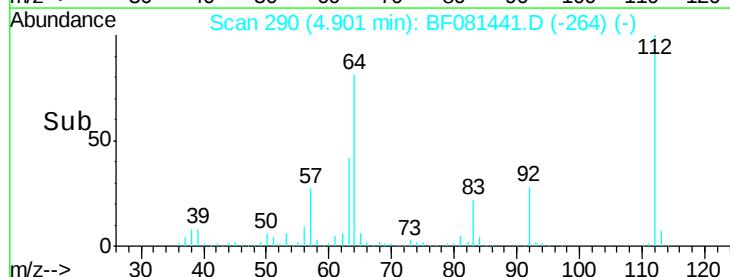
63 42.1 17.4 26.0#

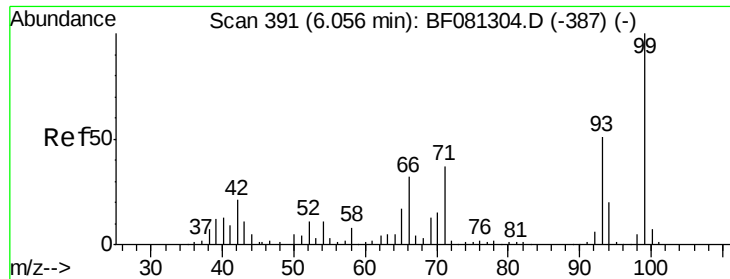


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 72.53 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081441.D

Acq: 5 Sep 2015 2:32

Instrument :

BNA_F

ClientSampled :

SB-15(5-7)

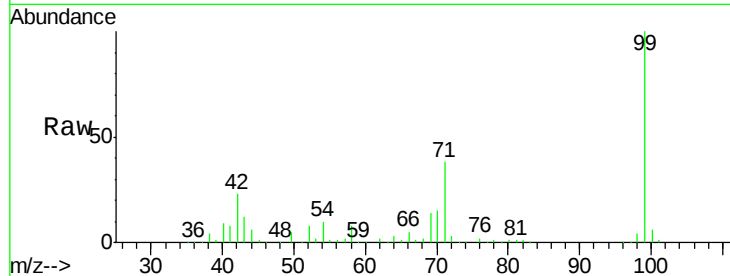
Tot Ion: 99 Resp: 404736

Ion Ratio Lower Upper

99 100

42 23.5 13.7 20.5#

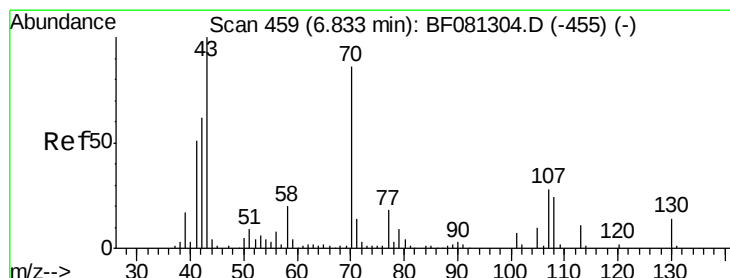
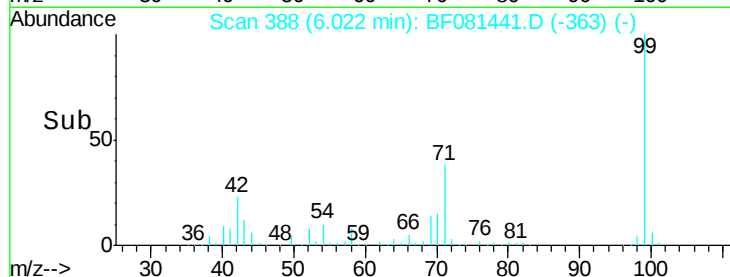
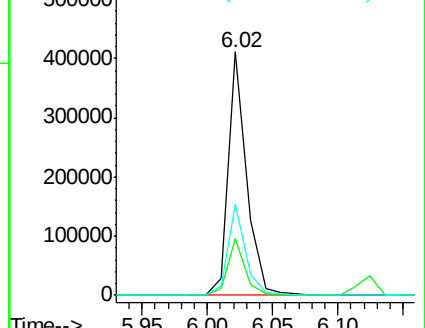
71 37.6 14.2 21.2#



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: 11.18 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081441.D

Acq: 5 Sep 2015 2:32

Tgt Ion: 70 Resp: 42469

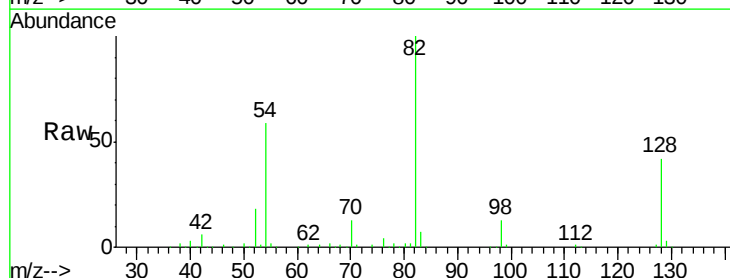
Ion Ratio Lower Upper

70 100

42 48.1 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

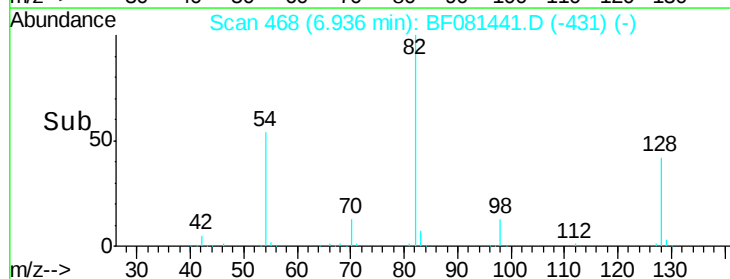
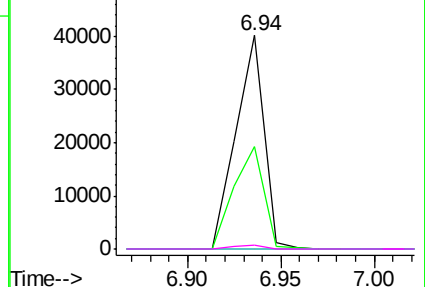


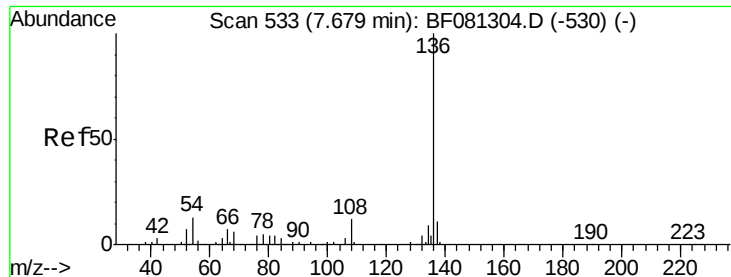
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF081441.D

Acq: 5 Sep 2015 2:32

Instrument :

BNA_F

ClientSampleId :

SB-15(5-7)

Tot Ion:136 Resp: 266861

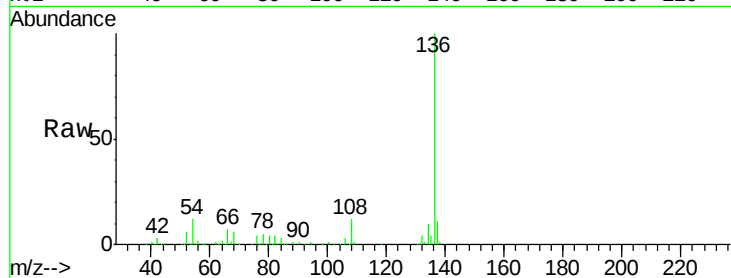
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 12.2 8.2 12.2

68 5.7 5.8 8.6#

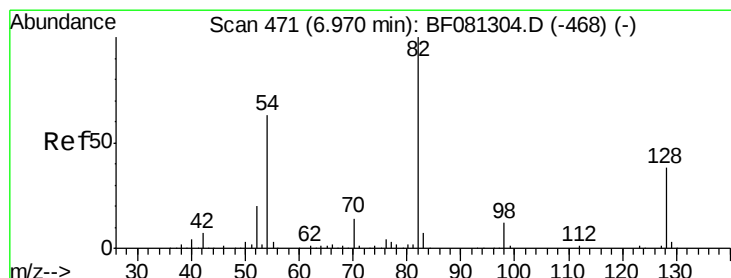
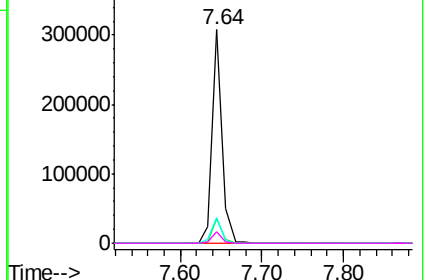
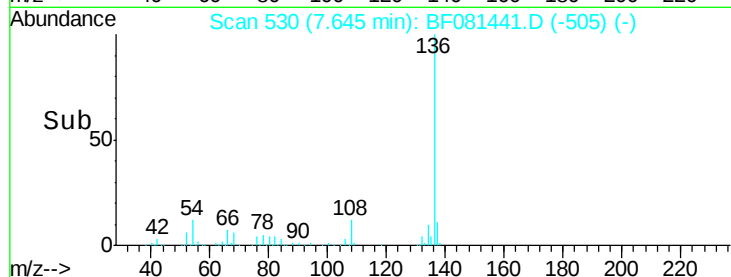


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.00 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081441.D

Acq: 5 Sep 2015 2:32

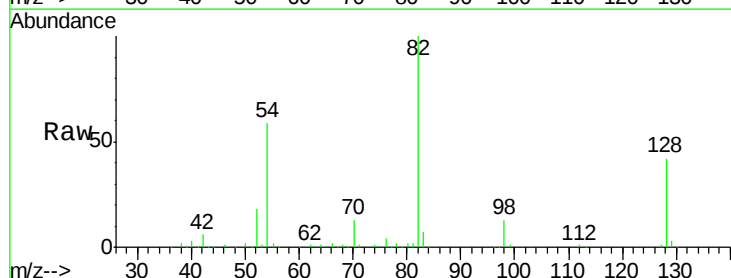
Tgt Ion: 82 Resp: 320797

Ion Ratio Lower Upper

82 100

128 42.3 51.0 76.6#

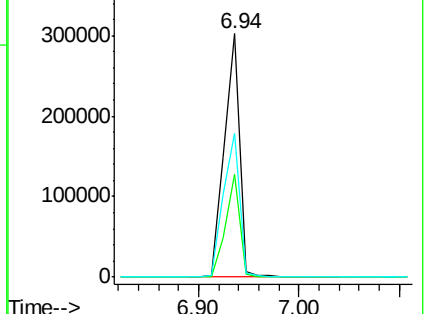
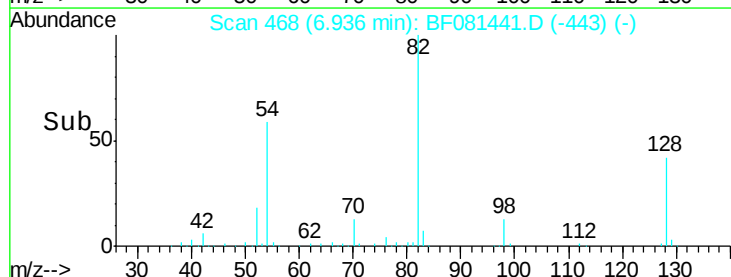
54 59.1 47.5 71.3

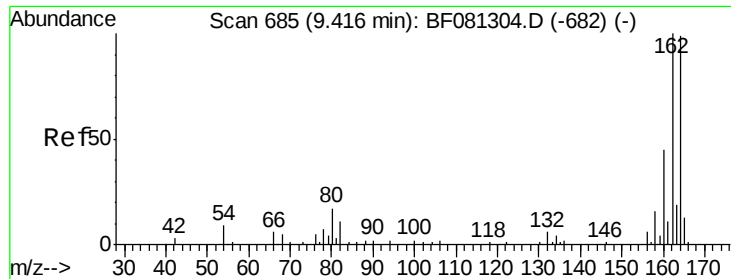


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081441.D

Acq: 5 Sep 2015 2:32

Instrument :

BNA_F

ClientSampleId :

SB-15(5-7)

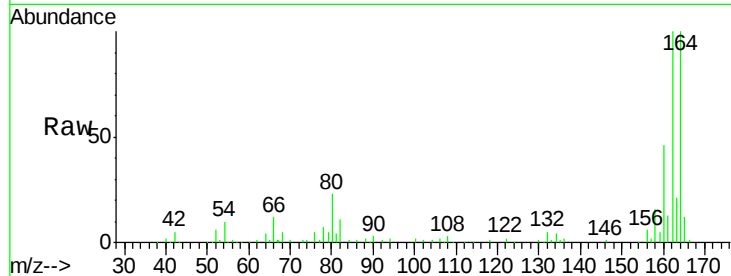
Tot Ion:164 Resp: 116643

Ion Ratio Lower Upper

164 100

162 100.4 75.2 112.8

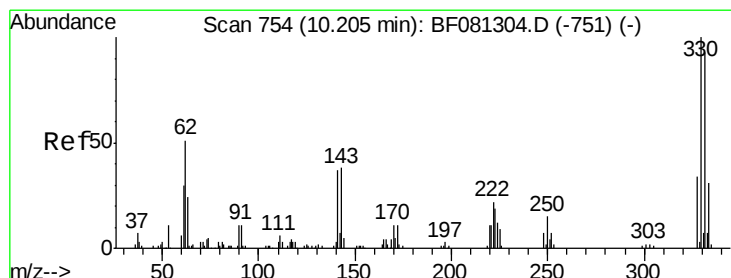
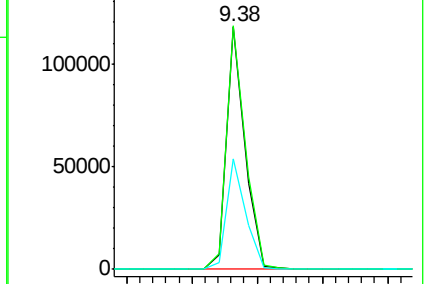
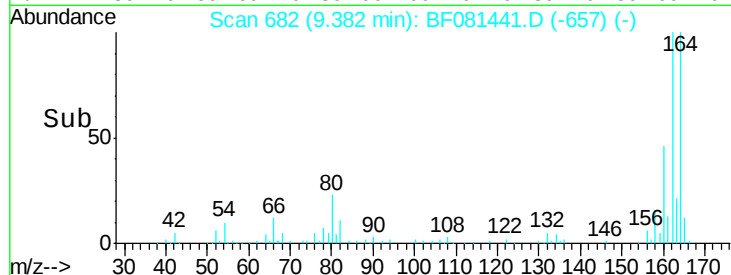
160 45.7 31.5 47.3



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: 81.65 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF081441.D

Acq: 5 Sep 2015 2:32

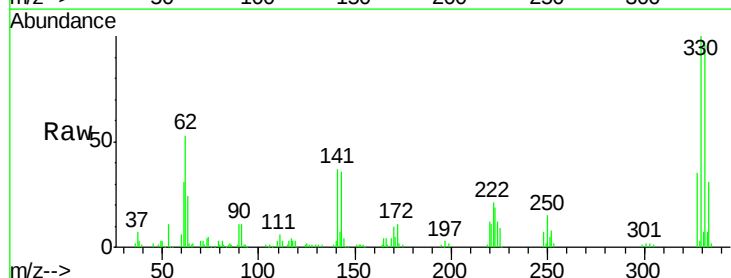
Tgt Ion:330 Resp: 84796

Ion Ratio Lower Upper

330 100

332 95.1 76.6 114.8

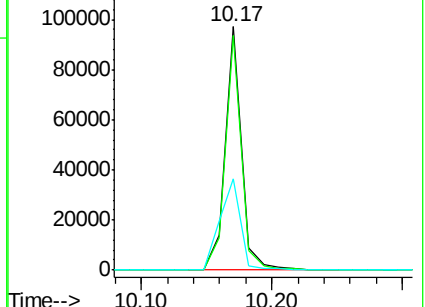
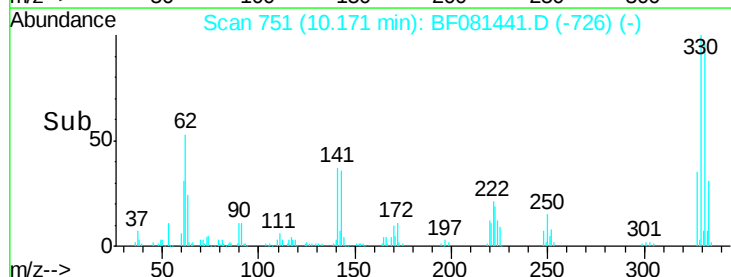
141 47.5 29.7 44.5#

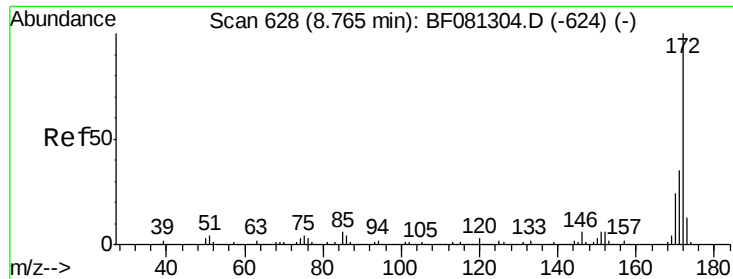


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

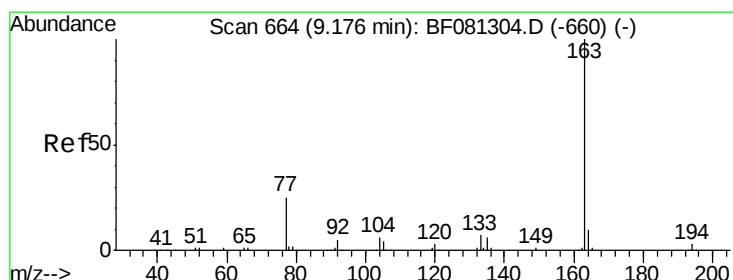
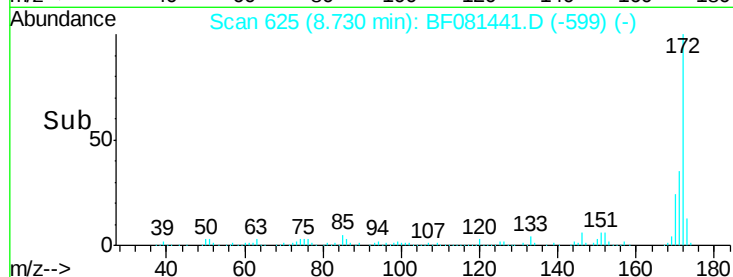
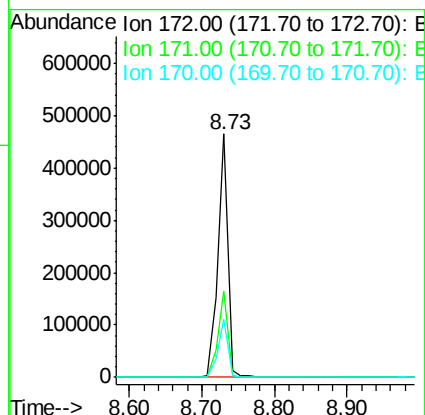
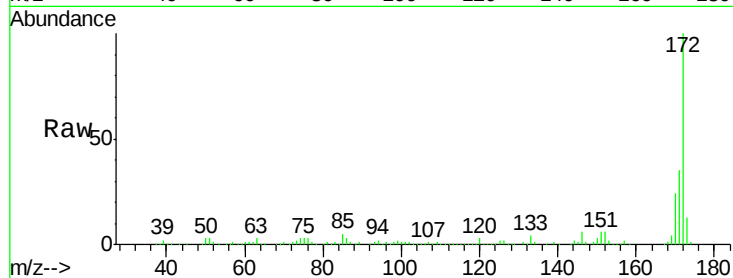




#44
 2-Fluorobiphenyl
 Concen: 48.59 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081441.D
 Acq: 5 Sep 2015 2:32

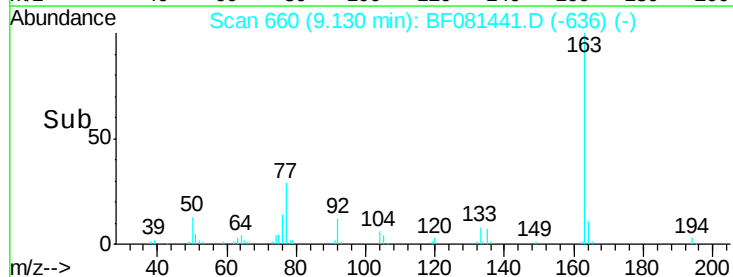
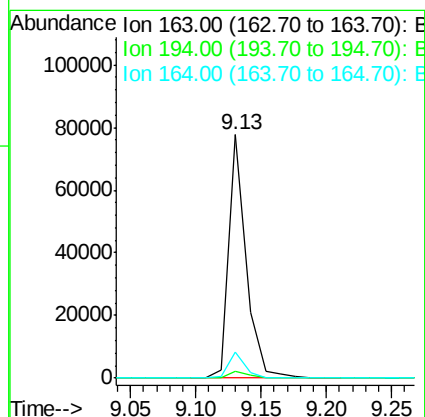
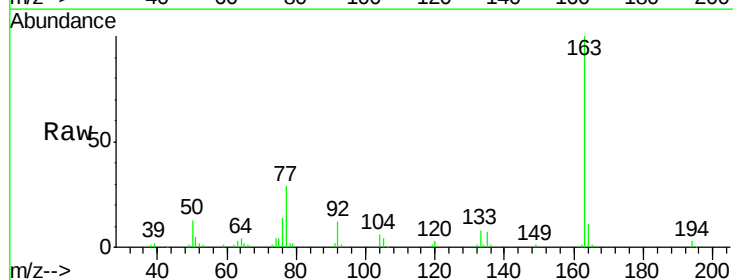
Instrument :
 BNA_F
 ClientSampleId :
 SB-15(5-7)

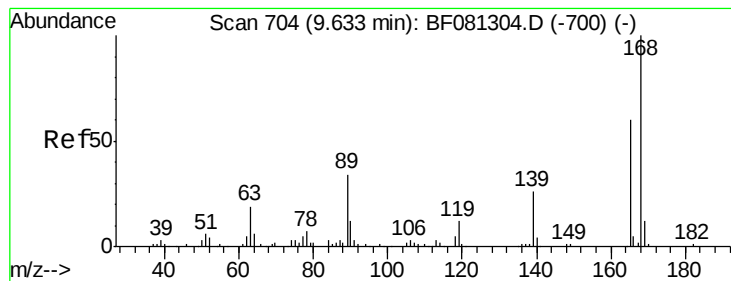
Tot Ion:172 Resp: 442318
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 24.0 17.4 26.2



#49
 Dimethylphthalate
 Concen: 7.99 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.02 min
 Lab File: BF081441.D
 Acq: 5 Sep 2015 2:32

Tgt Ion:163 Resp: 72389
 Ion Ratio Lower Upper
 163 100
 194 2.8 4.4 6.6#
 164 10.6 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 5.41 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.22 min

Lab File: BF081441.D

Acq: 5 Sep 2015 2:32

Instrument :

BNA_F

ClientSampleId :

SB-15(5-7)

Tot Ion:165 Resp: 14156

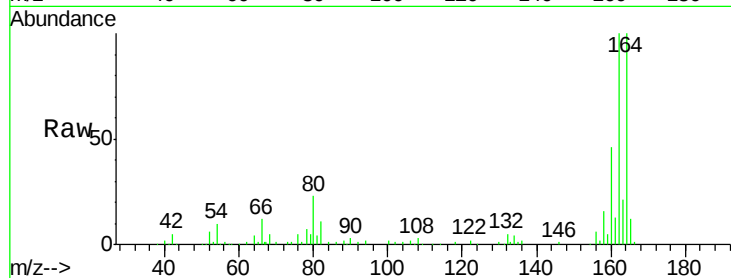
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 2.4 44.5 66.7#

182 0.0 3.0 4.4#

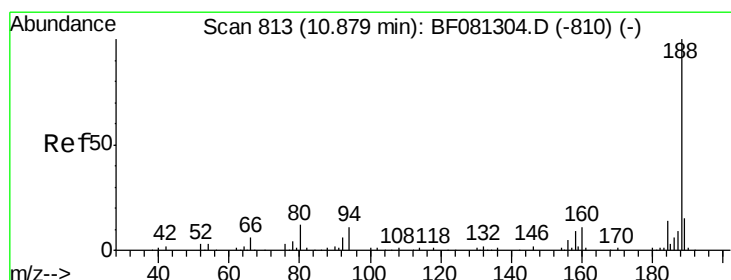
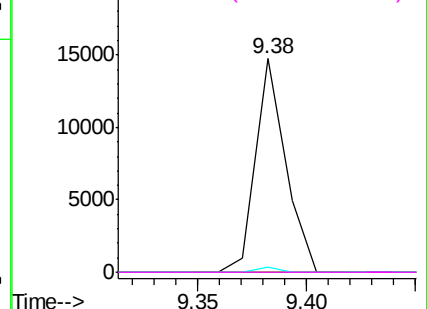
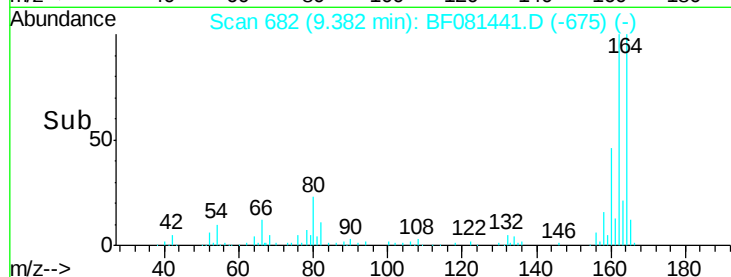


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF081441.D

Acq: 5 Sep 2015 2:32

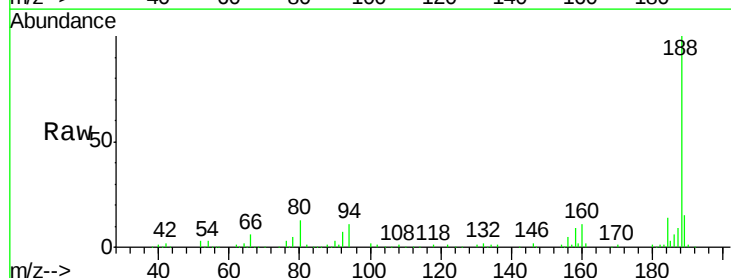
Tgt Ion:188 Resp: 227604

Ion Ratio Lower Upper

188 100

94 11.3 11.1 16.7

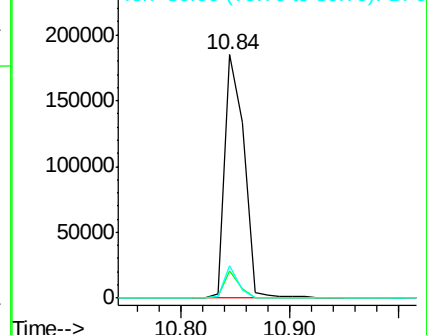
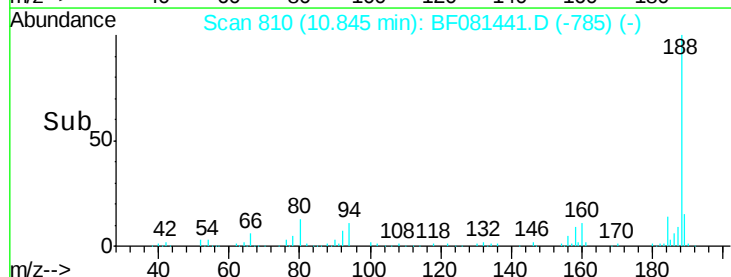
80 13.3 11.0 16.4

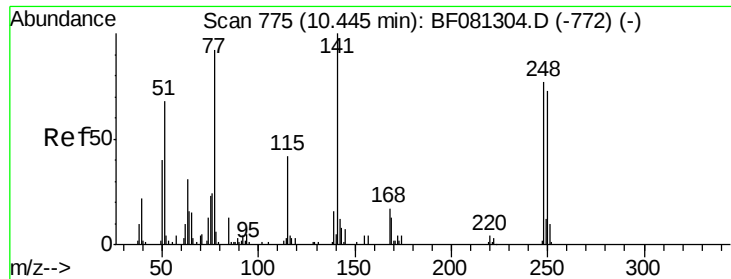


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.86 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF081441.D

Acq: 5 Sep 2015 2:32

Instrument :

BNA_F

ClientSampleId :

SB-15(5-7)

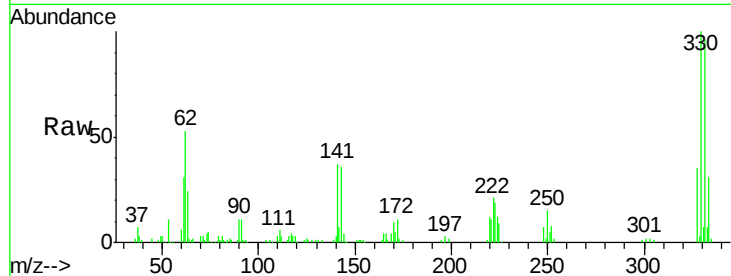
Tot Ion:248 Resp: 6588

Ion Ratio Lower Upper

248 100

250 198.0 78.5 117.7#

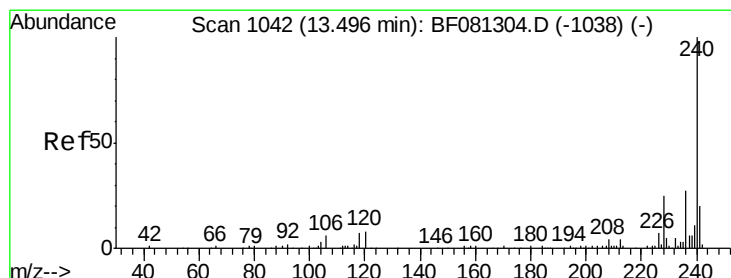
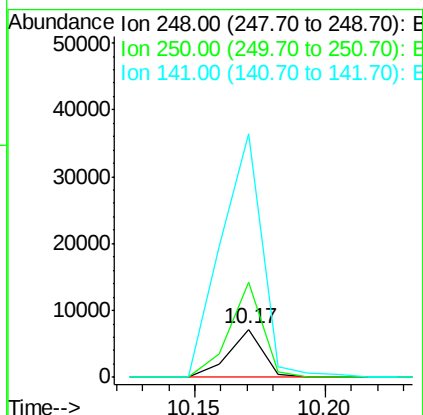
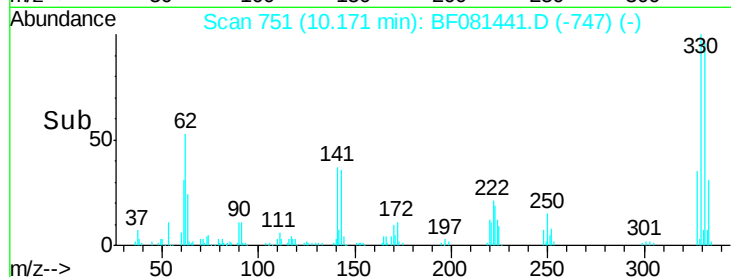
141 508.2 59.0 88.6#



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. -0.01 min

Lab File: BF081441.D

Acq: 5 Sep 2015 2:32

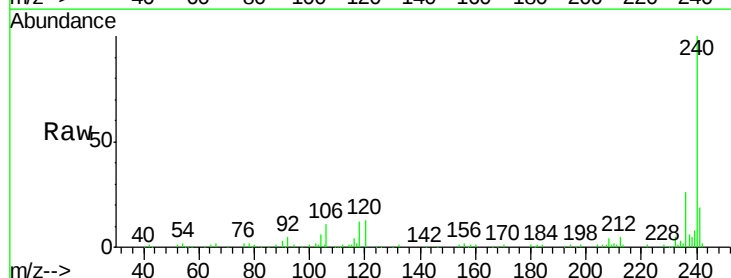
Tgt Ion:240 Resp: 172803

Ion Ratio Lower Upper

240 100

120 13.0 16.2 24.2#

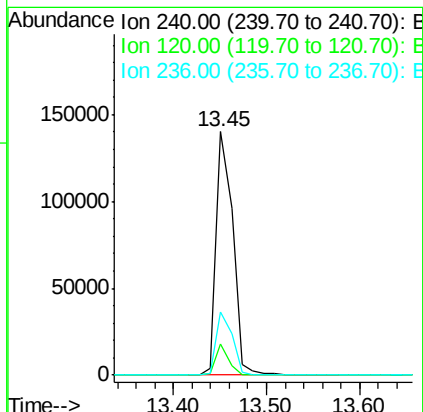
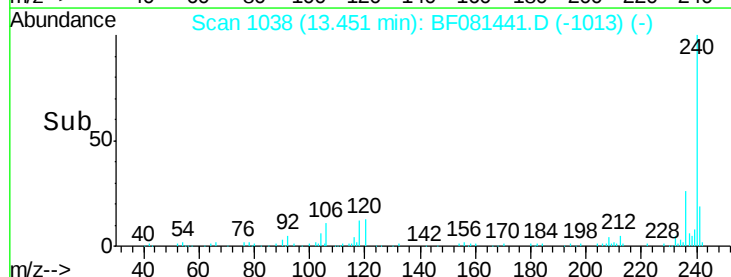
236 25.8 18.4 27.6

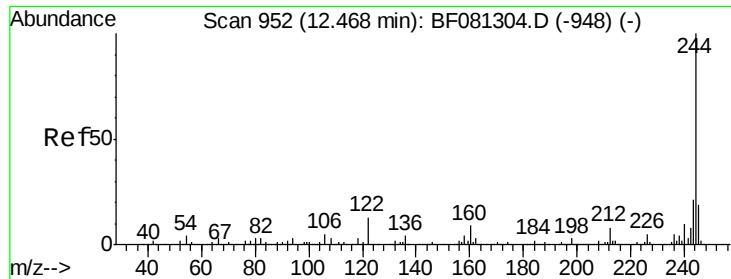


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

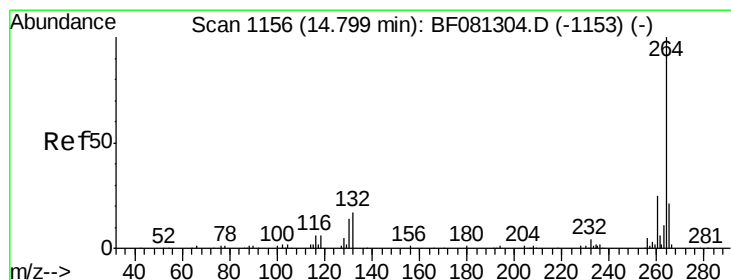
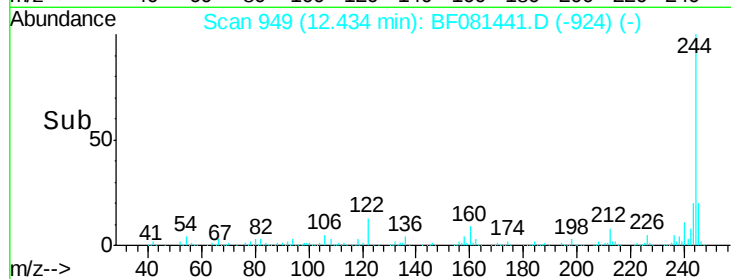
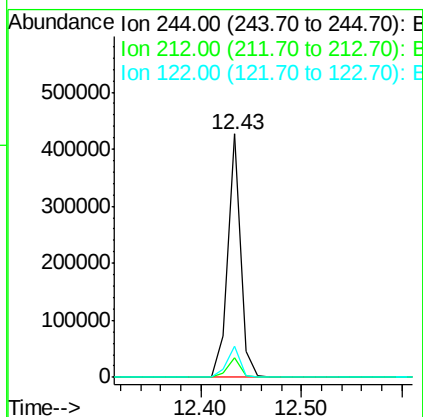
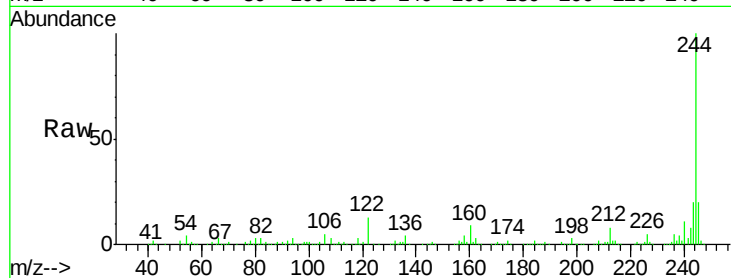




#78
 Terphenyl-d14
 Concen: 50.94 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF081441.D
 Acq: 5 Sep 2015 2:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-15(5-7)

Tot Ion:244 Resp: 378143
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 12.6 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: BF081441.D
 Acq: 5 Sep 2015 2:32

Tgt Ion:264 Resp: 131051
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 20.9 17.2 25.8

