

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081428.D
 Acq On : 4 Sep 2015 19:52
 Operator : UM/IZ
 Sample : PB85375BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 01:08:27 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

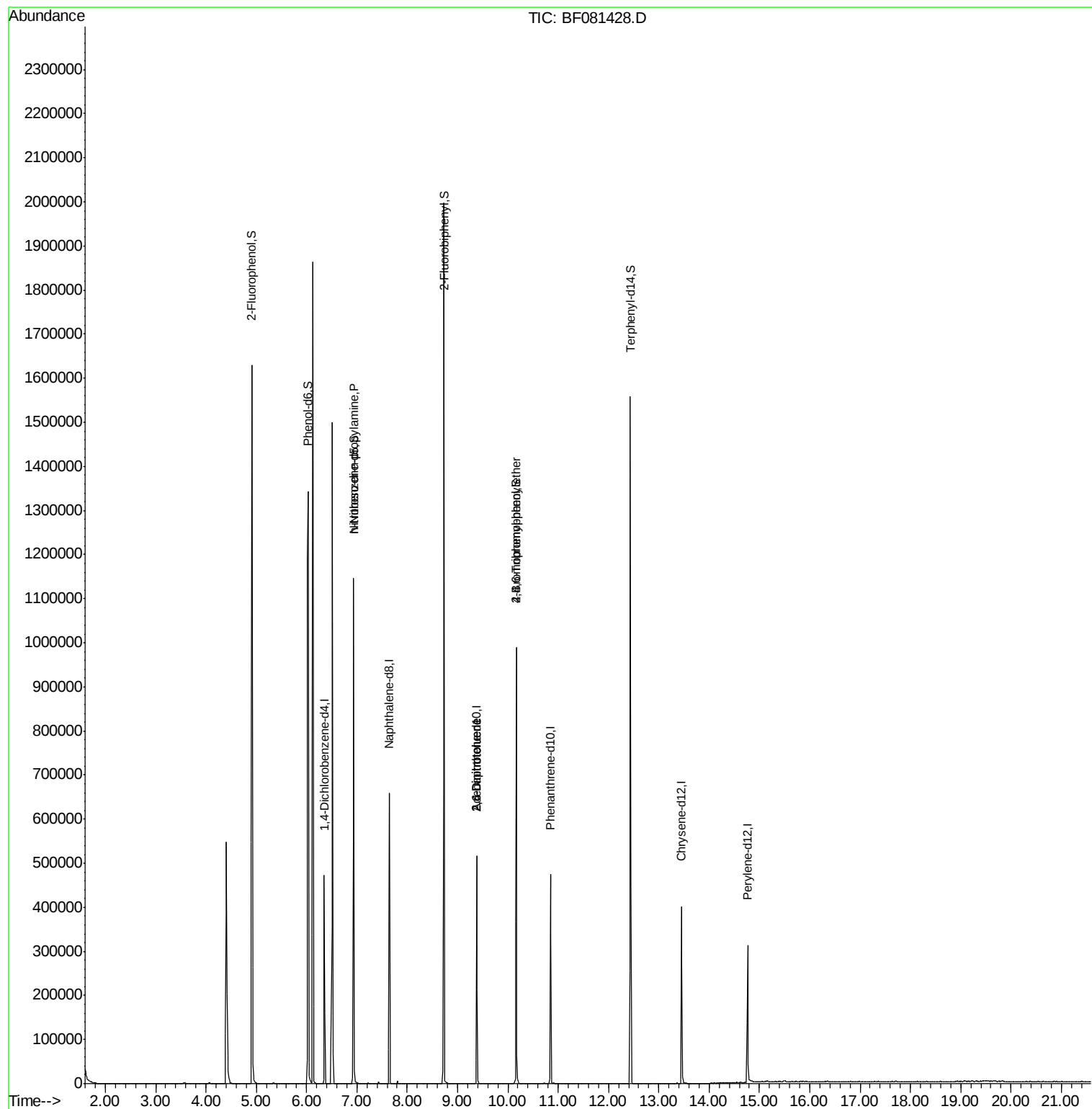
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	67071	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	270093	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	114369	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	232427	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	190798	20.00	ng	-0.01
86) Perylene-d12	14.77	264	138665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	425753	98.49	ng	0.01
7) Phenol-d6	6.03	99	626570	109.50	ng	0.00
23) Nitrobenzene-d5	6.94	82	402257	71.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	101202	99.38	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	632047	70.82	ng	-0.01
78) Terphenyl-d14	12.43	244	510564	62.29	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	54285	13.94	ng	# 60
50) 2,6-Dinitrotoluene	9.38	165	14216	7.05	ng	# 37
56) 2,4-Dinitrotoluene	9.38	165	14216	5.54	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	7916	3.37	ng	# 1

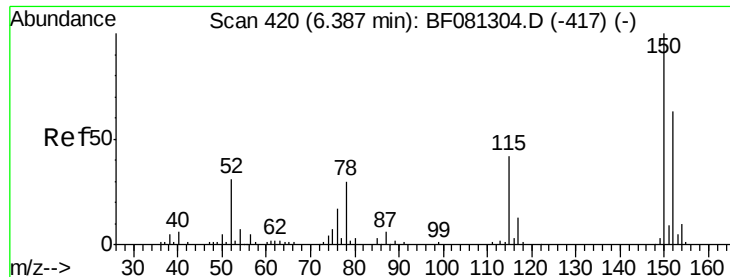
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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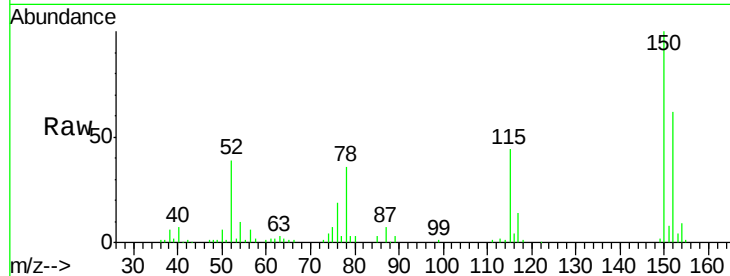


#1

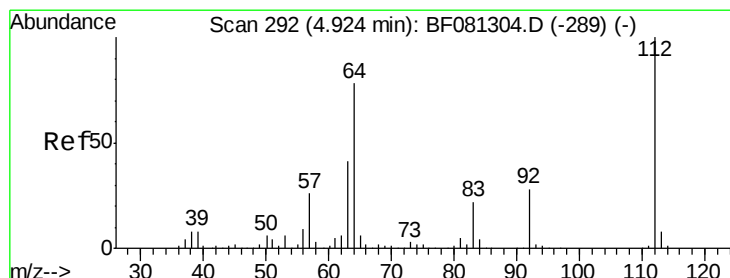
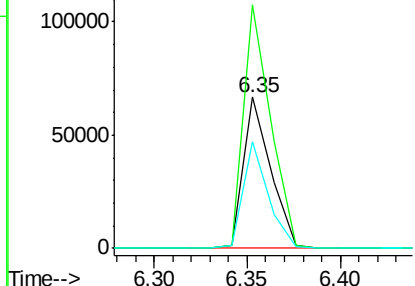
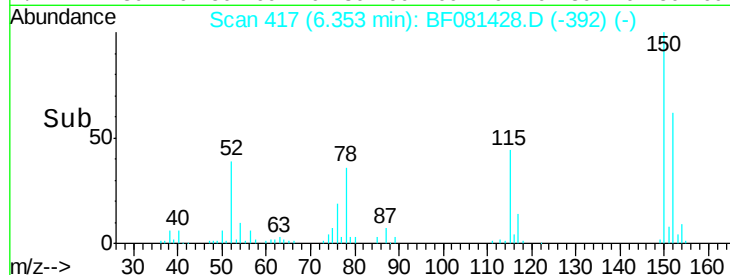
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081428.D
Acq: 4 Sep 2015 19:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 67071
Ion Ratio Lower Upper
152 100
150 161.1 124.7 187.1
115 70.8 39.0 58.4#



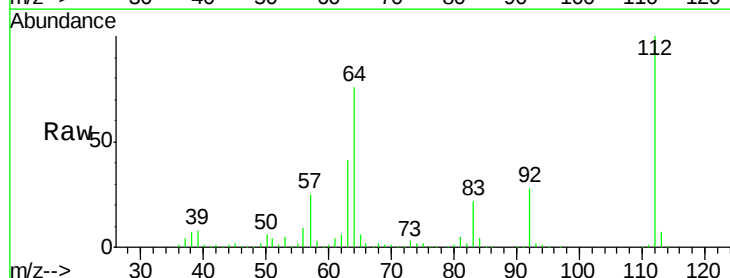
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



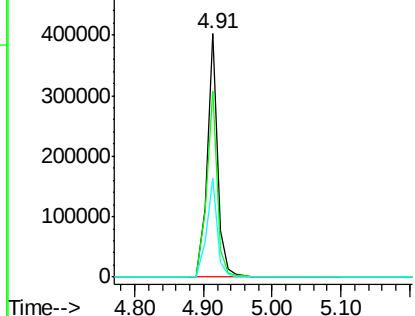
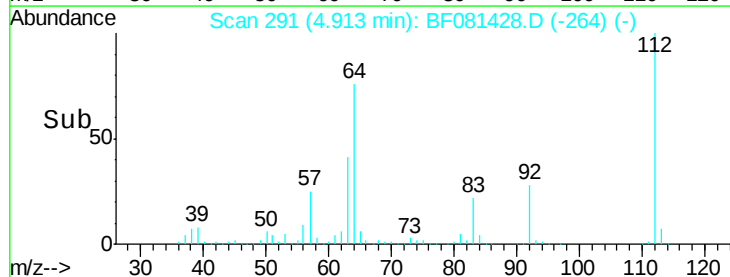
#5

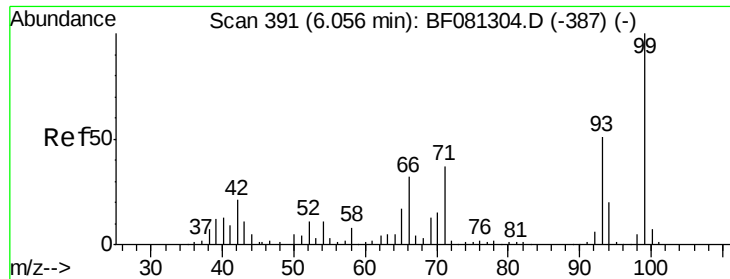
2-Fluorophenol
Concen: 98.49 ng
RT: 4.91 min Scan# 291
Delta R.T. 0.01 min
Lab File: BF081428.D
Acq: 4 Sep 2015 19:52

Tgt Ion:112 Resp: 425753
Ion Ratio Lower Upper
112 100
64 76.3 39.7 59.5#
63 40.5 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: 109.50 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081428.D

Acq: 4 Sep 2015 19:52

Instrument :

BNA_F

ClientSampleId :

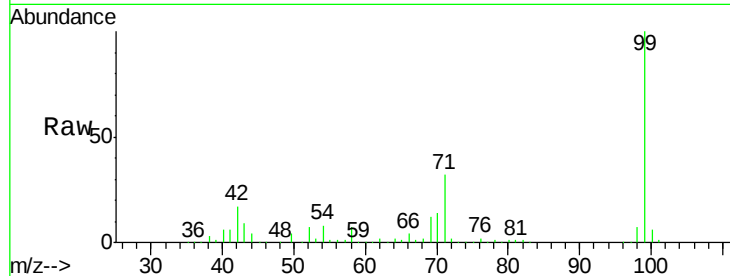
Tot Ion: 99 Resp: 626570

Ion Ratio Lower Upper

99 100

42 17.2 13.7 20.5

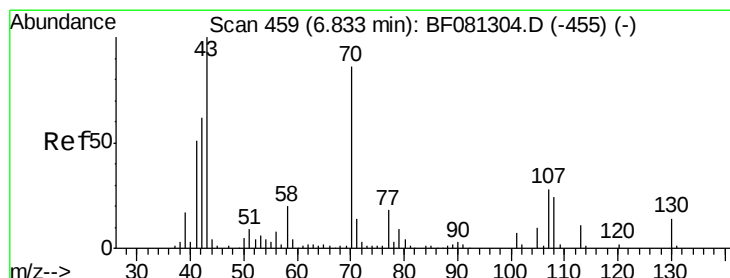
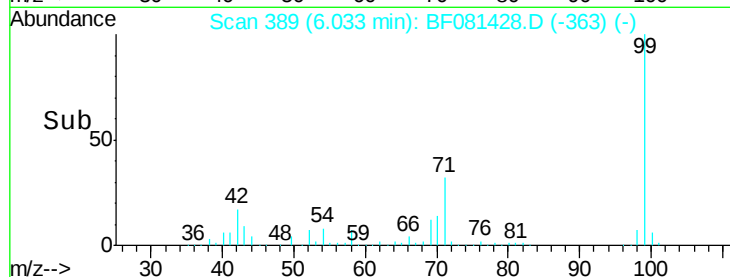
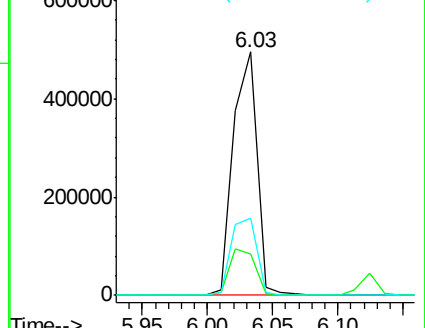
71 31.8 14.2 21.2#



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: 13.94 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081428.D

Acq: 4 Sep 2015 19:52

Tgt Ion: 70 Resp: 54285

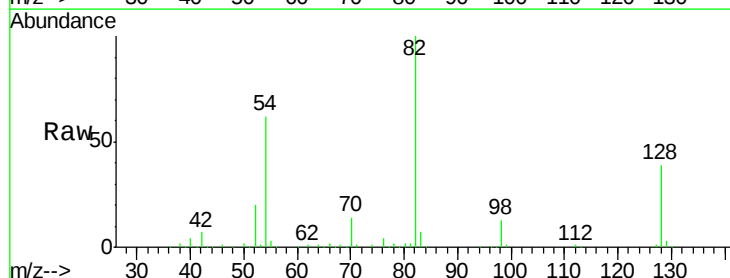
Ion Ratio Lower Upper

70 100

42 49.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

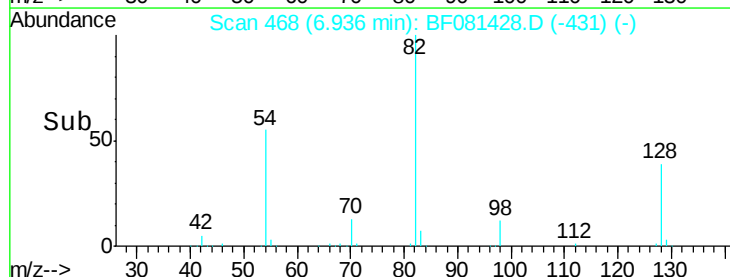
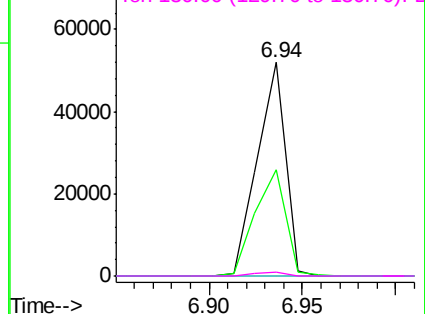


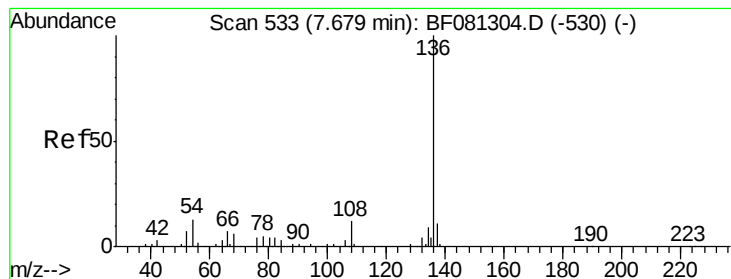
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF081428.D

Acq: 4 Sep 2015 19:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 270093

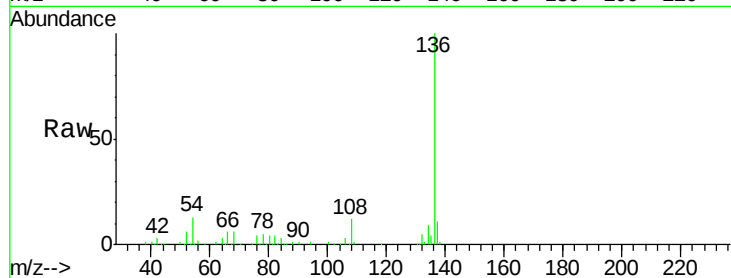
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 12.5 8.2 12.2#

68 5.9 5.8 8.6

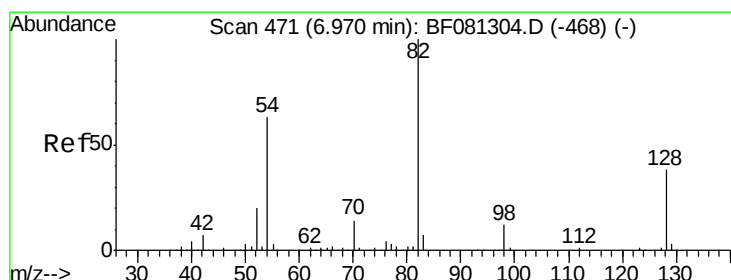
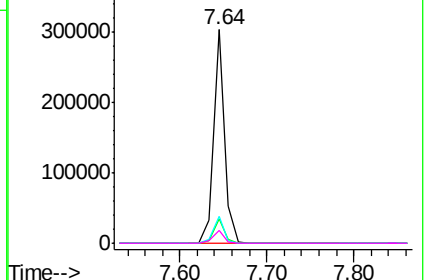
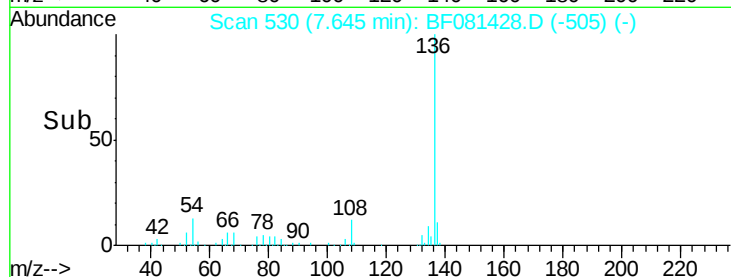


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.86 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081428.D

Acq: 4 Sep 2015 19:52

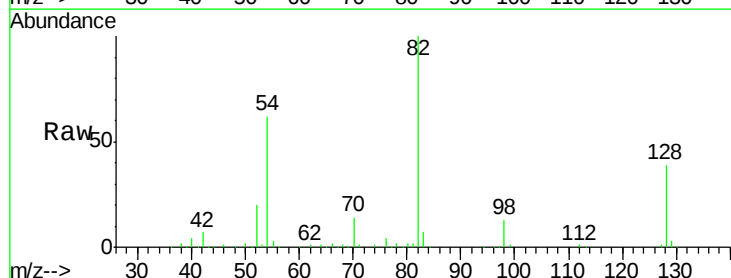
Tgt Ion: 82 Resp: 402257

Ion Ratio Lower Upper

82 100

128 39.4 51.0 76.6#

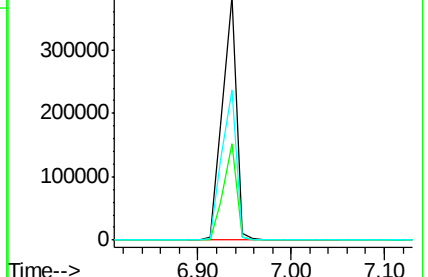
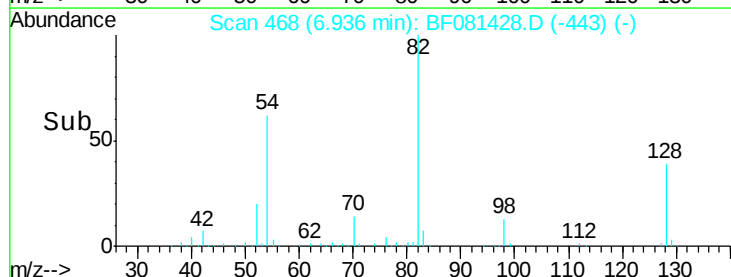
54 61.9 47.5 71.3

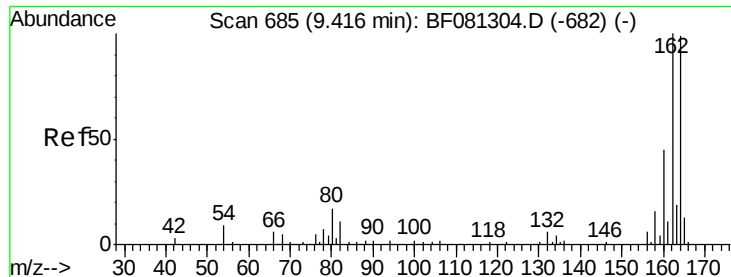


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

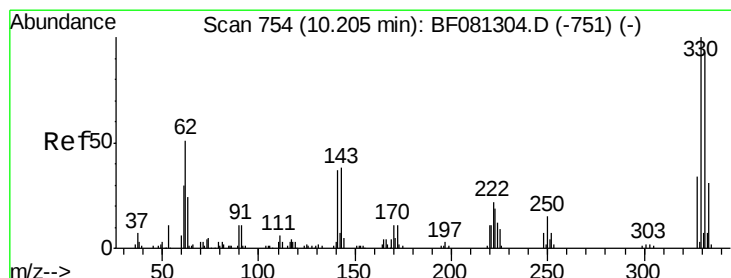
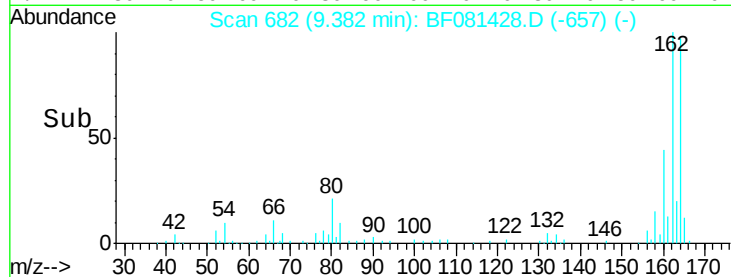
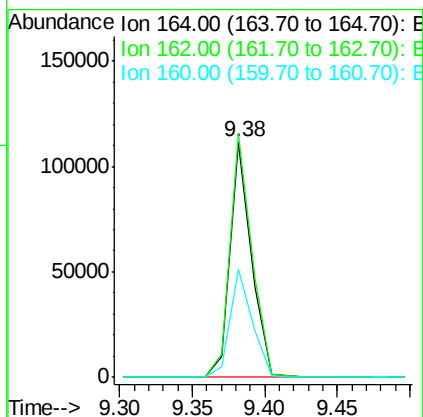
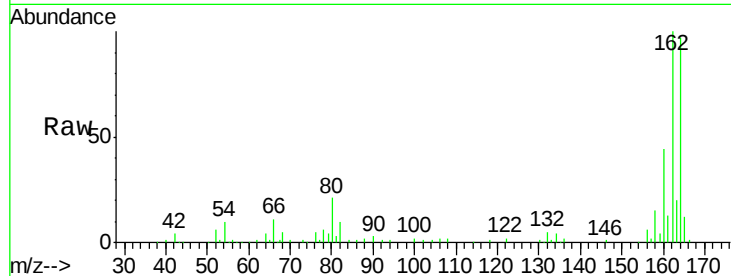




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF081428.D
 Acq: 4 Sep 2015 19:52

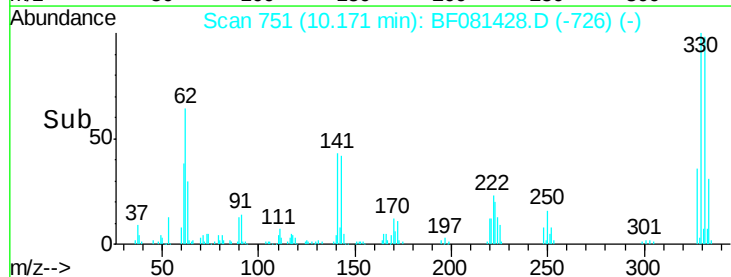
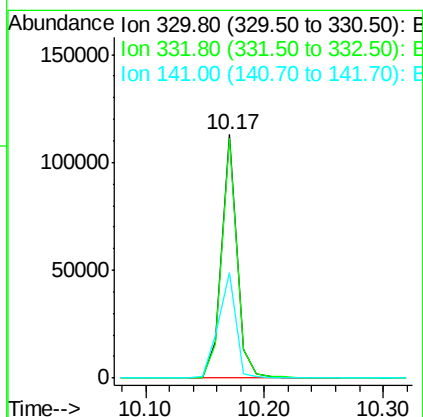
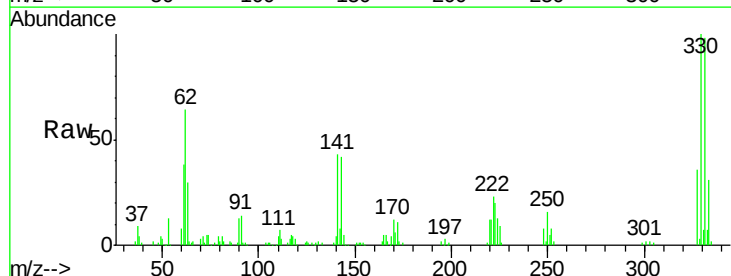
Instrument :
 BNA_F
 ClientSampleId :

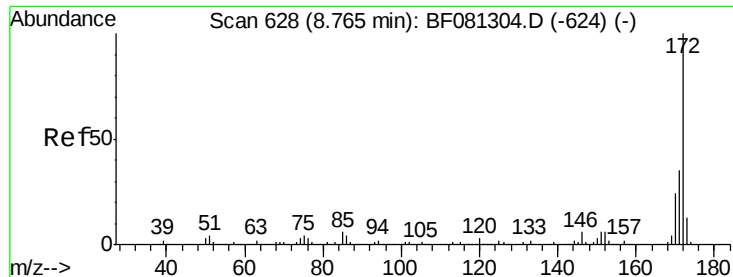
Tot Ion:164 Resp: 114369
 Ion Ratio Lower Upper
 164 100
 162 103.6 75.2 112.8
 160 45.7 31.5 47.3



#41
 2,4,6-Tribromophenol
 Concen: 99.38 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081428.D
 Acq: 4 Sep 2015 19:52

Tgt Ion:330 Resp: 101202
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 49.1 29.7 44.5#

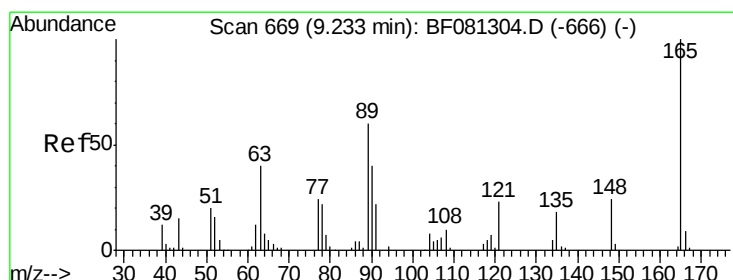
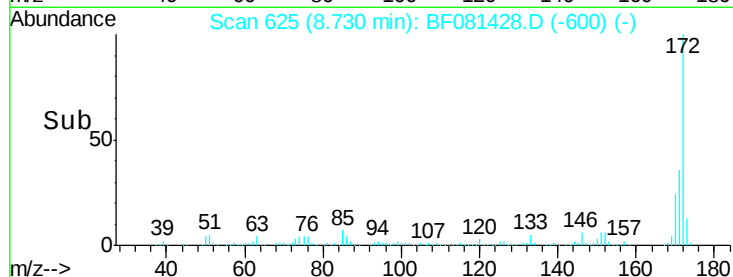
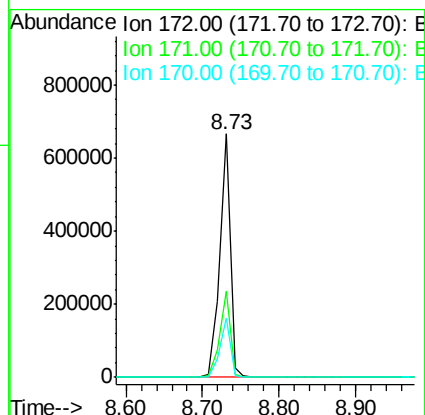
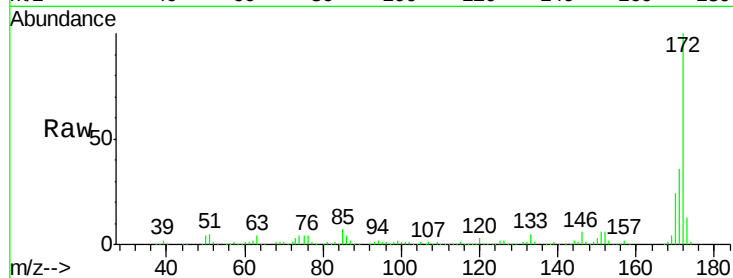




#44
 2-Fluorobiphenyl
 Concen: 70.82 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081428.D
 Acq: 4 Sep 2015 19:52

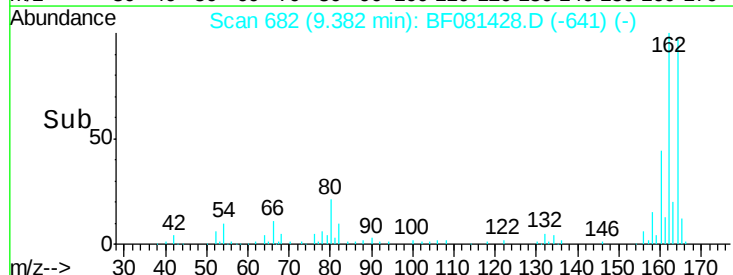
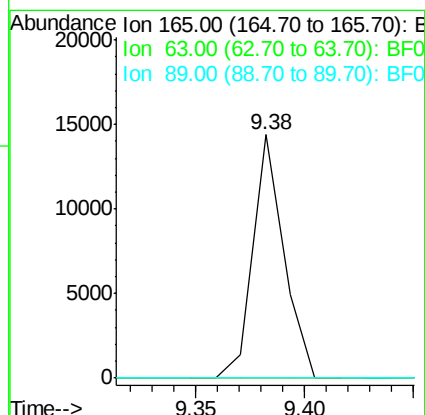
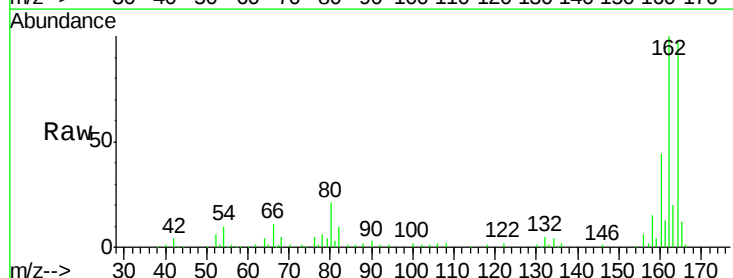
Instrument :
 BNA_F
 ClientSampleId :

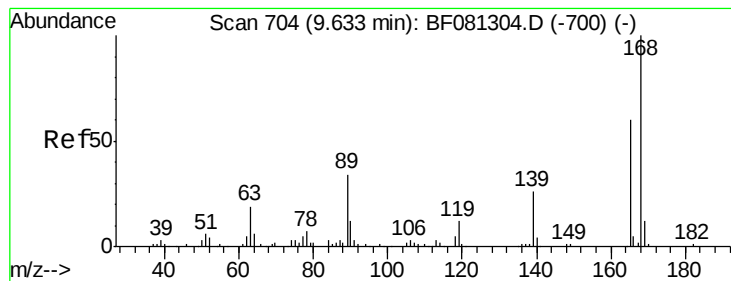
Tot Ion:172 Resp: 632047
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.3 17.4 26.2



#50
 2,6-Dinitrotoluene
 Concen: 7.05 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: BF081428.D
 Acq: 4 Sep 2015 19:52

Tgt Ion:165 Resp: 14216
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 0.0 28.6 43.0#





#56

2,4-Dinitrotoluene

Concen: 5.54 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.22 min

Lab File: BF081428.D

Acq: 4 Sep 2015 19:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 14216

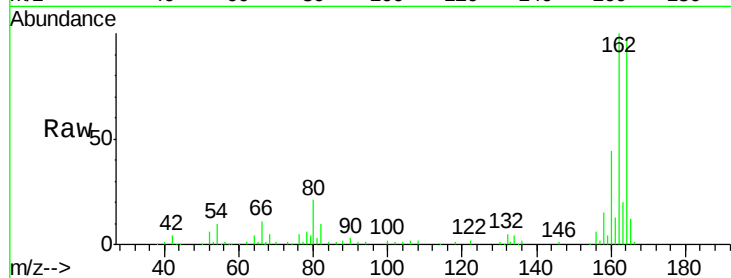
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

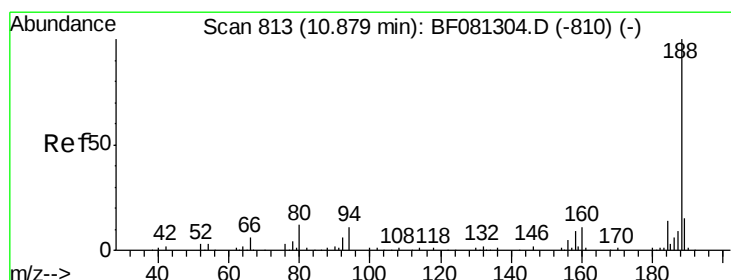
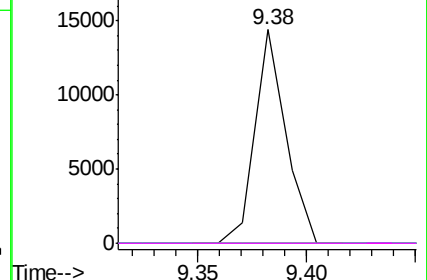
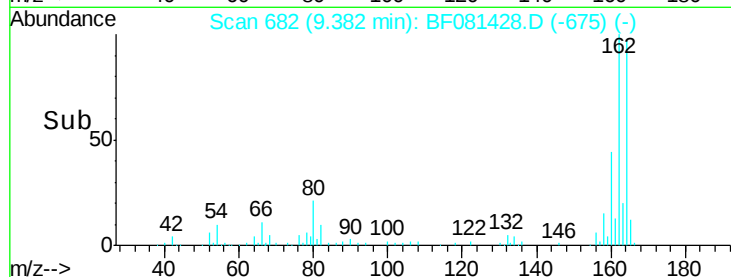


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF081428.D

Acq: 4 Sep 2015 19:52

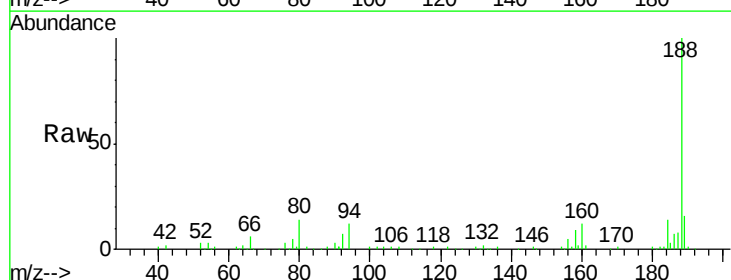
Tgt Ion:188 Resp: 232427

Ion Ratio Lower Upper

188 100

94 12.3 11.1 16.7

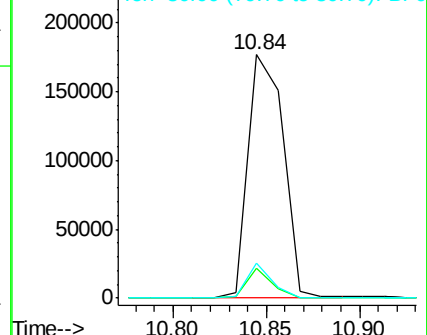
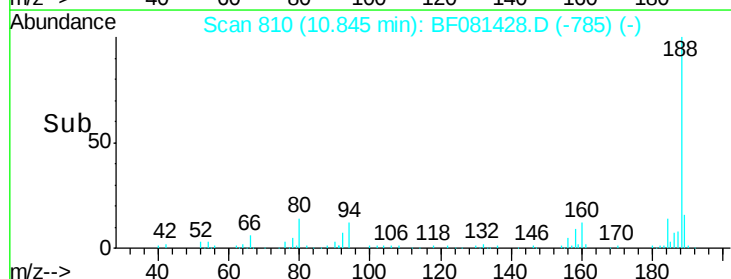
80 14.3 11.0 16.4

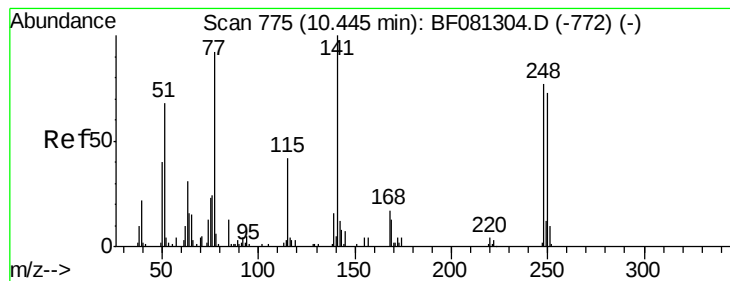


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.37 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF081428.D

Acq: 4 Sep 2015 19:52

Instrument :

BNA_F

ClientSampleId :

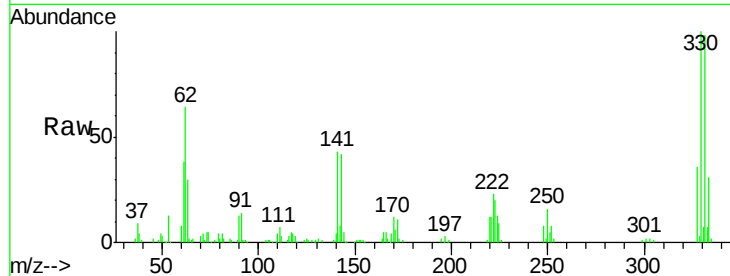
Tot Ion:248 Resp: 7916

Ion Ratio Lower Upper

248 100

250 197.0 78.5 117.7#

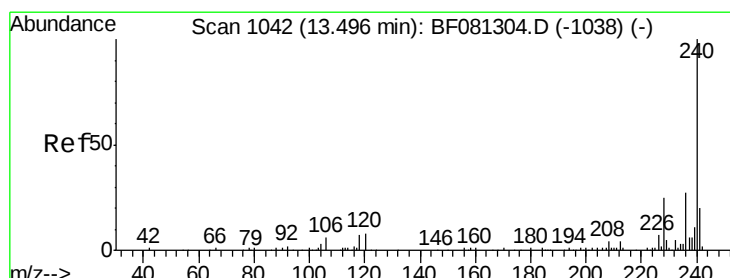
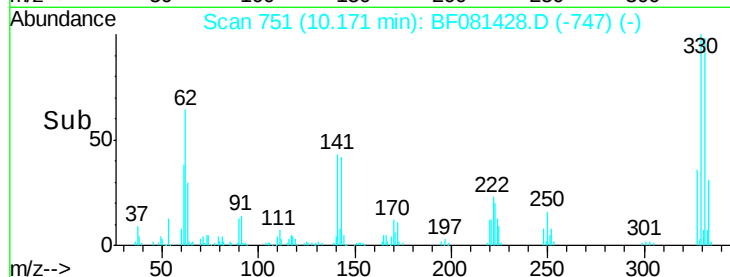
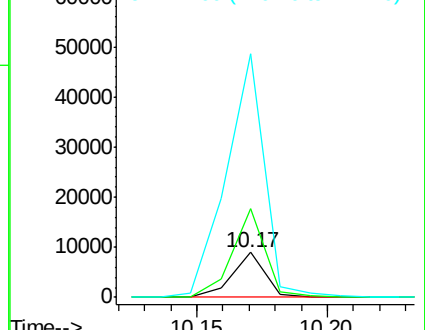
141 543.8 59.0 88.6#



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: BF081428.D

Acq: 4 Sep 2015 19:52

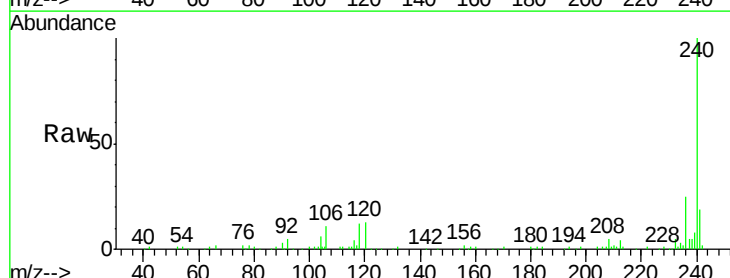
Tgt Ion:240 Resp: 190798

Ion Ratio Lower Upper

240 100

120 13.1 16.2 24.2#

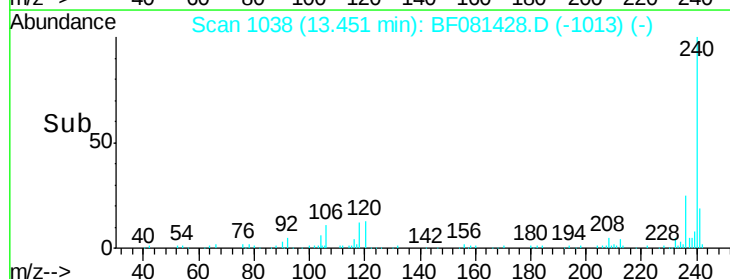
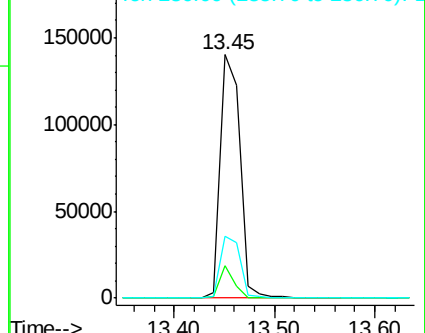
236 25.3 18.4 27.6

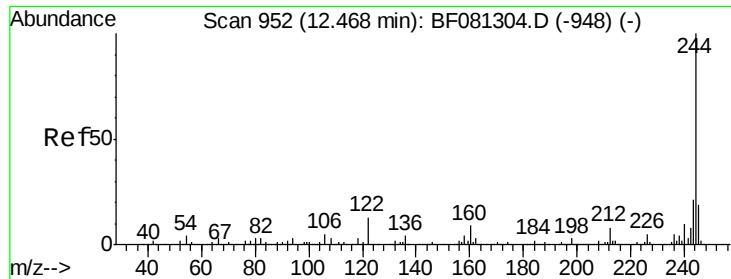


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

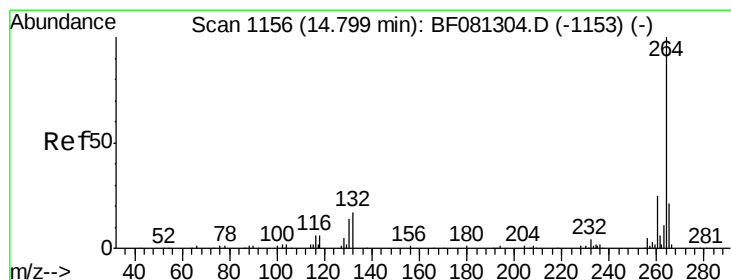
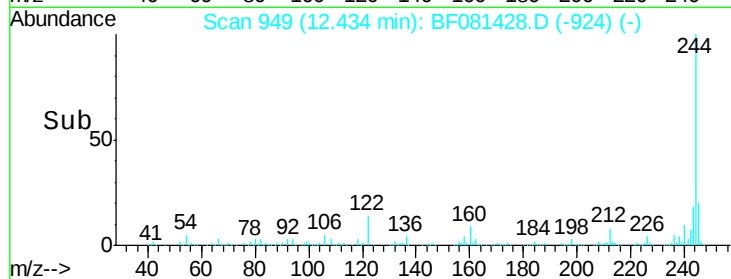
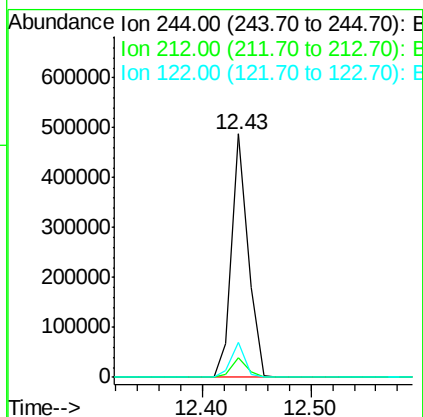
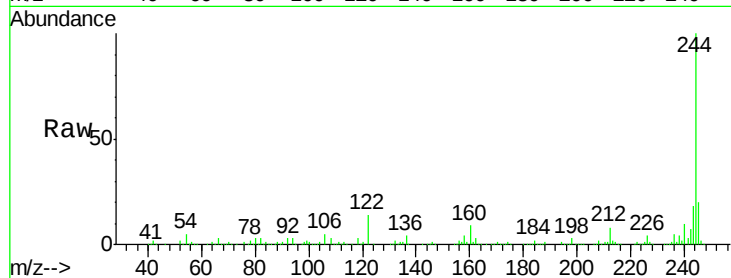




#78
 Terphenyl-d14
 Concen: 62.29 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF081428.D
 Acq: 4 Sep 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 510564
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 14.2 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: BF081428.D
 Acq: 4 Sep 2015 19:52

Tgt Ion:264 Resp: 138665
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 19.9 17.2 25.8

