

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081446.D
 Acq On : 5 Sep 2015 5:06
 Operator : UM/IZ
 Sample : G3526-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 01:57:48 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

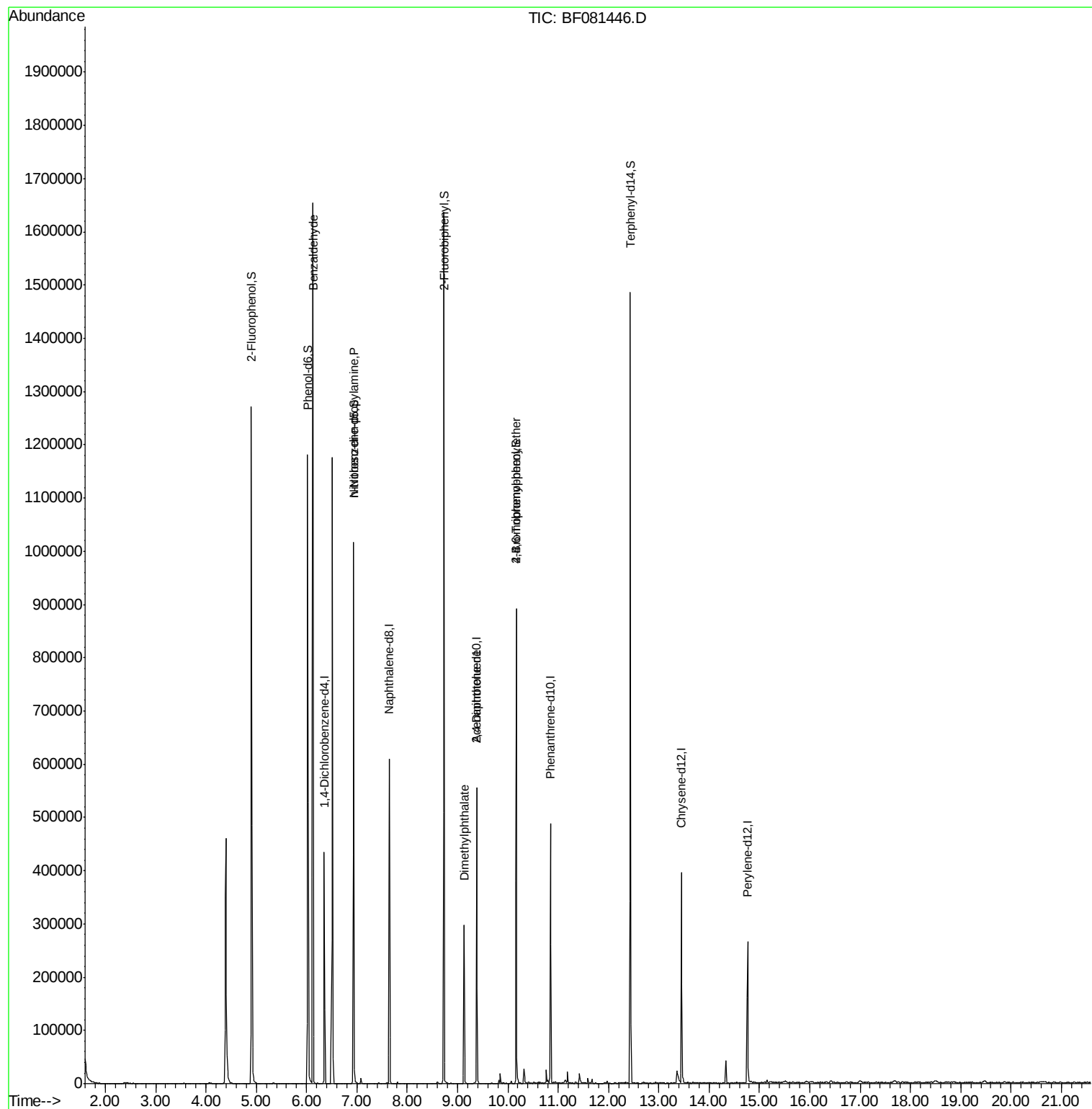
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	61312	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	244345	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	110097	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	215915	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	161021	20.00	ng	-0.01
86) Perylene-d12	14.77	264	127083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	345570	87.45	ng	0.00
7) Phenol-d6	6.02	99	442017	84.50	ng	-0.01
23) Nitrobenzene-d5	6.94	82	344509	68.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	96142	98.07	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	507843	59.11	ng	0.00
78) Terphenyl-d14	12.43	244	422937	61.14	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.12	77	10392	3.17	ng	# 55
19) n-Nitroso-di-n-propylamine	6.94	70	46385	13.03	ng	# 59
49) Dimethylphthalate	9.13	163	107183	12.53	ng	# 96
56) 2,4-Dinitrotoluene	9.38	165	14338	5.80	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	7066	3.24	ng	# 1

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

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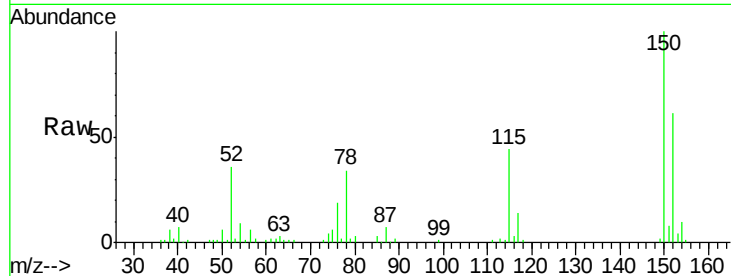


#1

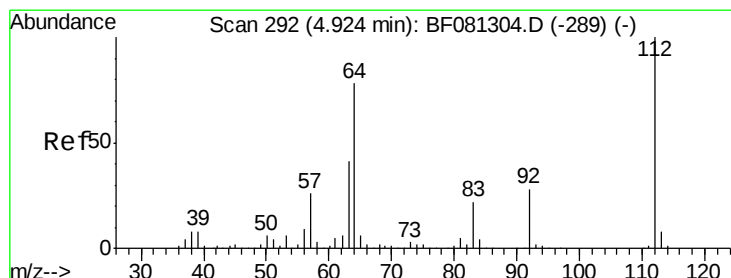
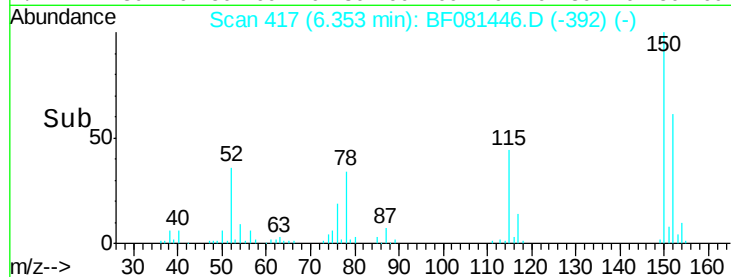
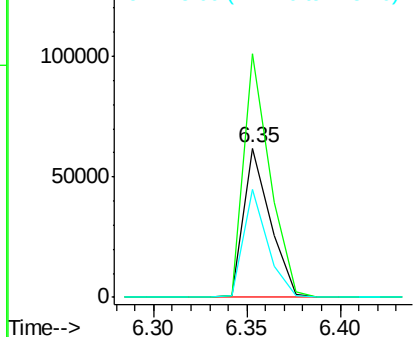
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081446.D
Acq: 5 Sep 2015 5:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 61312
Ion Ratio Lower Upper
152 100
150 162.9 124.7 187.1
115 72.0 39.0 58.4#



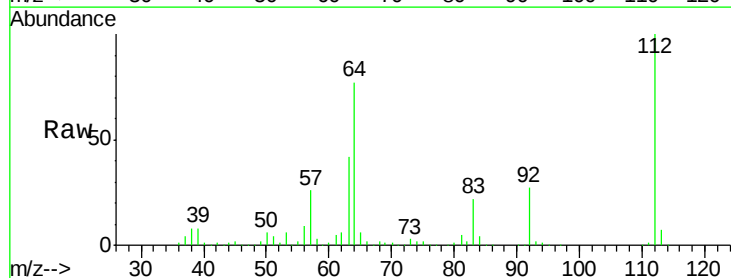
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



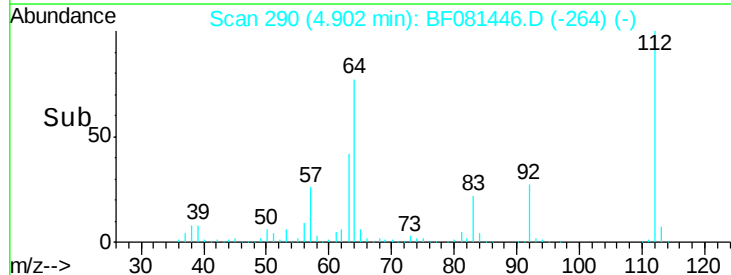
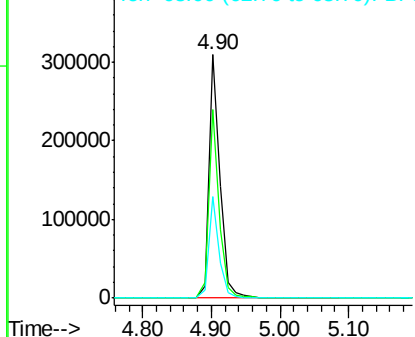
#5

2-Fluorophenol
Concen: 87.45 ng
RT: 4.90 min Scan# 290
Delta R.T. 0.00 min
Lab File: BF081446.D
Acq: 5 Sep 2015 5:06

Tgt Ion:112 Resp: 345570
Ion Ratio Lower Upper
112 100
64 77.4 39.7 59.5#
63 41.6 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: 84.50 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081446.D

Acq: 5 Sep 2015 5:06

Instrument :

BNA_F

ClientSampled :

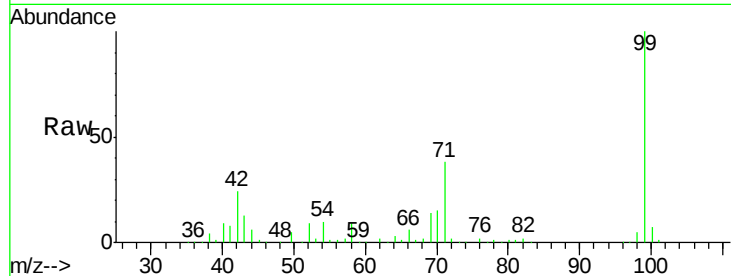
Tot Ion: 99 Resp: 442017

Ion Ratio Lower Upper

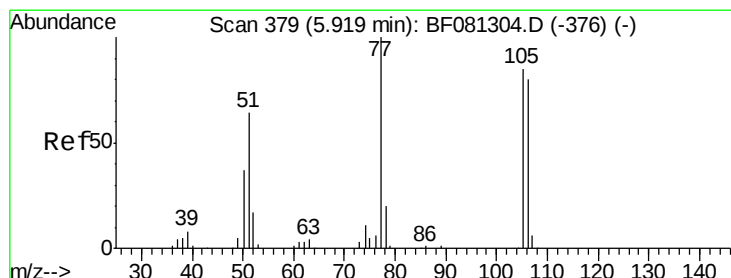
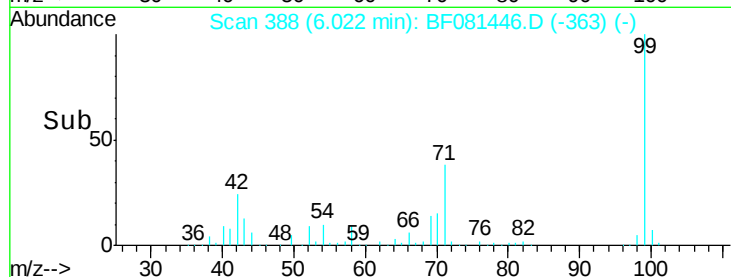
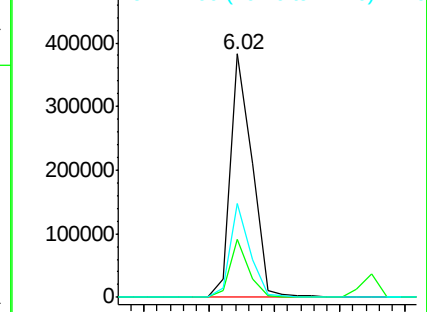
99 100

42 24.0 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



#9

Benzaldehyde

Concen: 3.17 ng

RT: 6.12 min Scan# 397

Delta R.T. 0.23 min

Lab File: BF081446.D

Acq: 5 Sep 2015 5:06

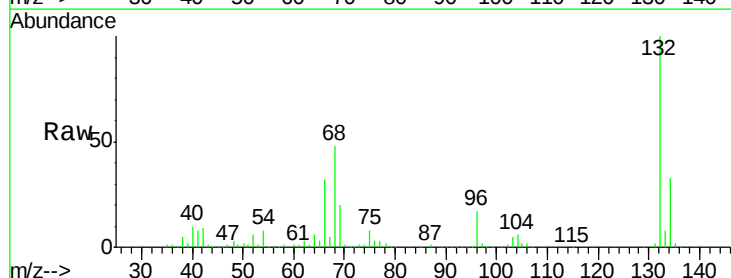
Tgt Ion: 77 Resp: 10392

Ion Ratio Lower Upper

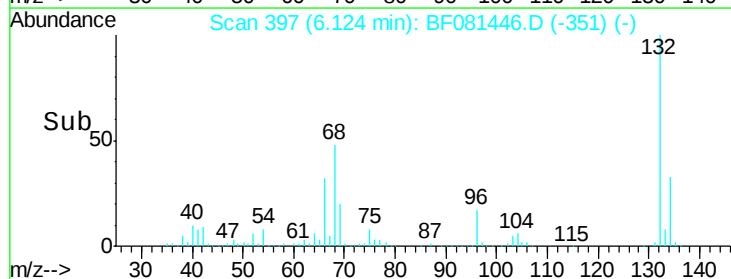
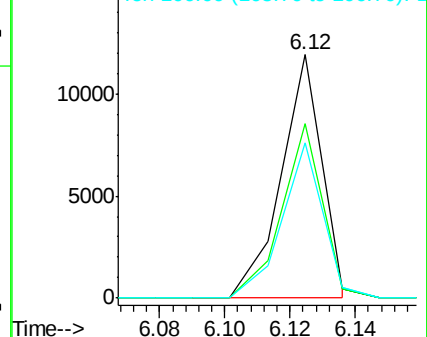
77 100

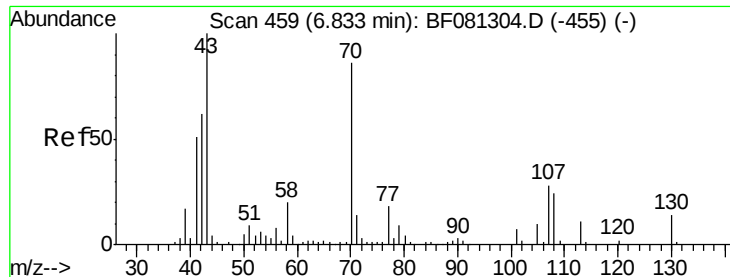
105 71.7 91.6 131.6#

106 64.0 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

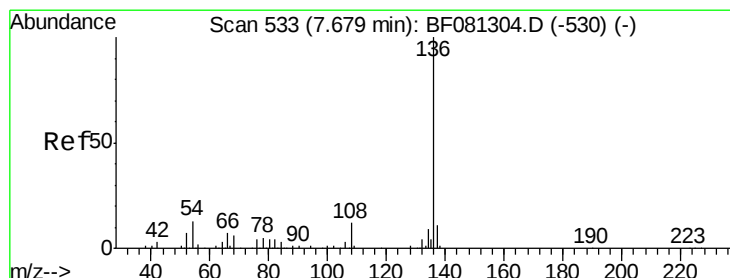
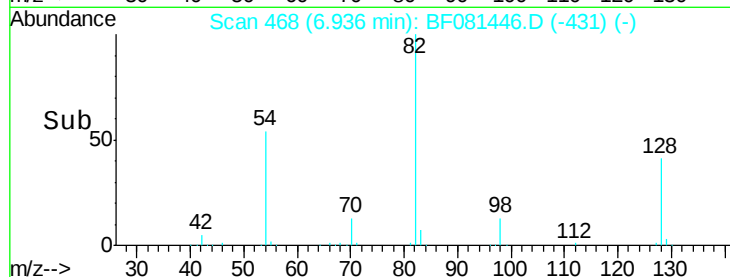
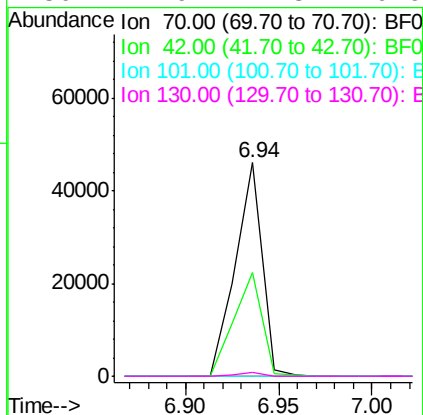
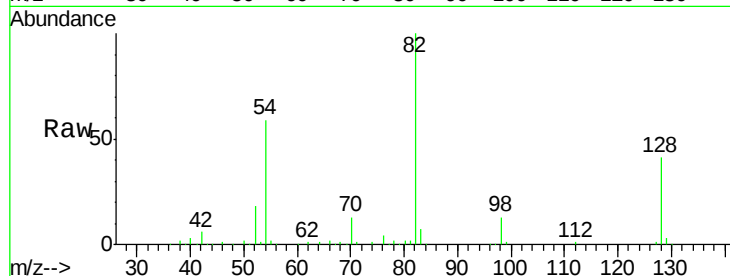




#19
n-Nitroso-di-n-propylamine
Concen: 13.03 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF081446.D
Acq: 5 Sep 2015 5:06

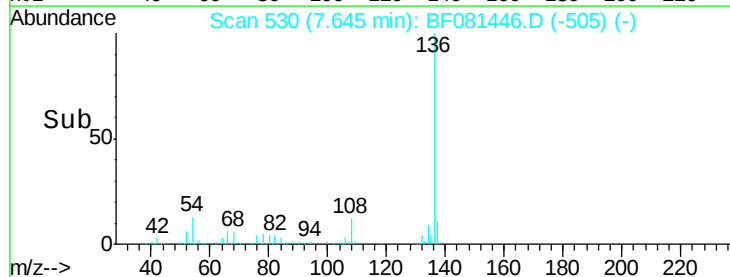
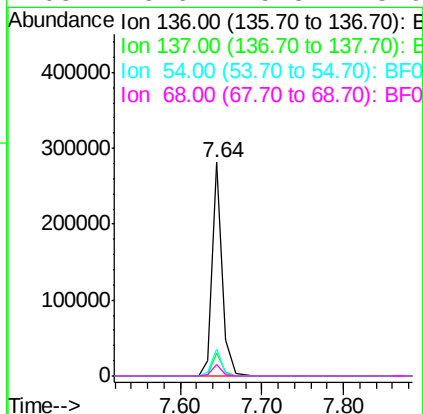
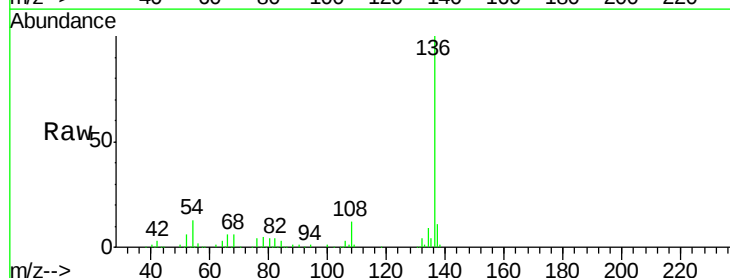
Instrument :
BNA_F
ClientSampleId :

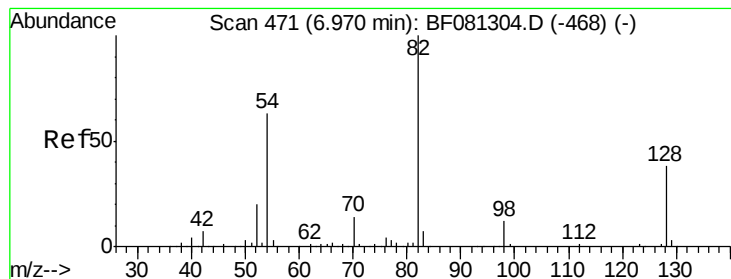
Tot Ion: 70 Resp: 46385
Ion Ratio Lower Upper
70 100
42 48.3 63.8 95.6#
101 0.0 9.2 13.8#
130 1.9 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081446.D
Acq: 5 Sep 2015 5:06

Tgt Ion:136 Resp: 244345
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 12.6 8.2 12.2#
68 5.6 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 68.02 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081446.D

Acq: 5 Sep 2015 5:06

Instrument :

BNA_F

ClientSampleId :

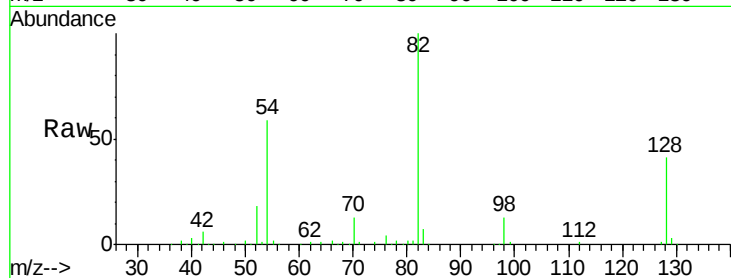
Tot Ion: 82 Resp: 344509

Ion Ratio Lower Upper

82 100

128 40.7 51.0 76.6#

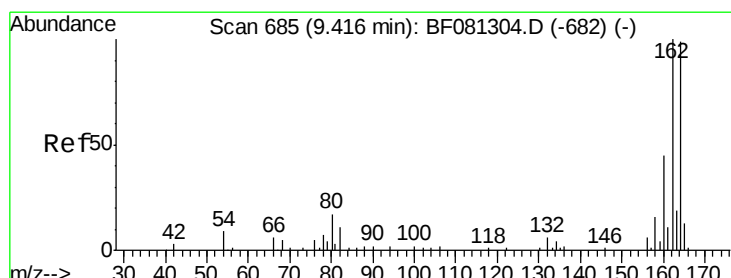
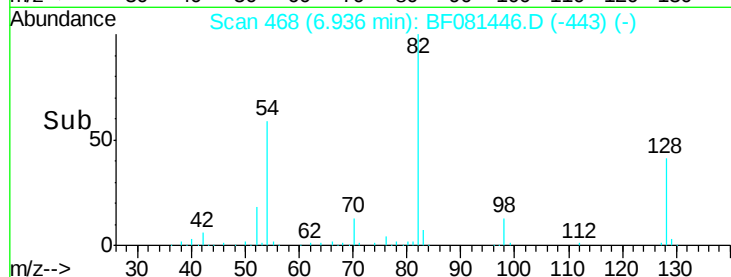
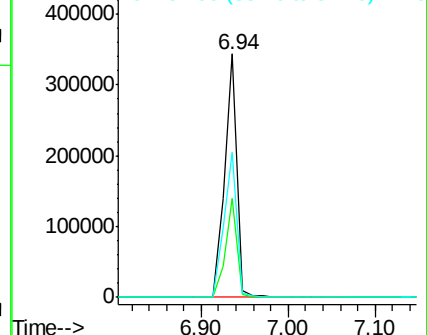
54 59.3 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF081446.D

Acq: 5 Sep 2015 5:06

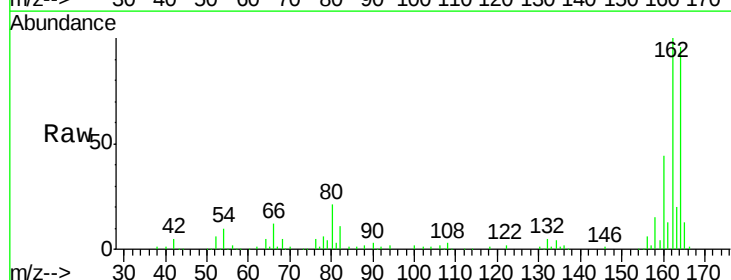
Tgt Ion:164 Resp: 110097

Ion Ratio Lower Upper

164 100

162 104.0 75.2 112.8

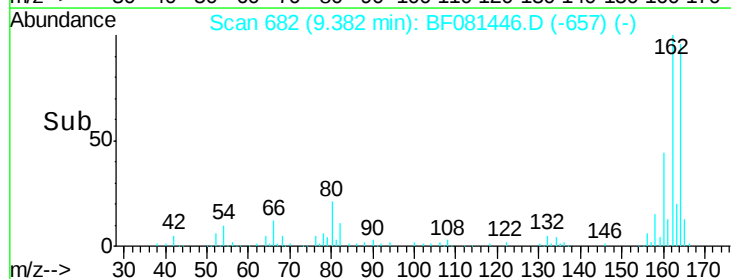
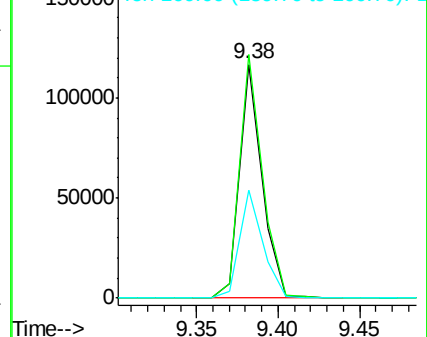
160 46.2 31.5 47.3

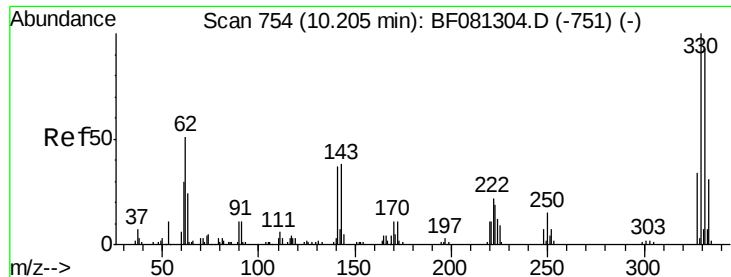


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

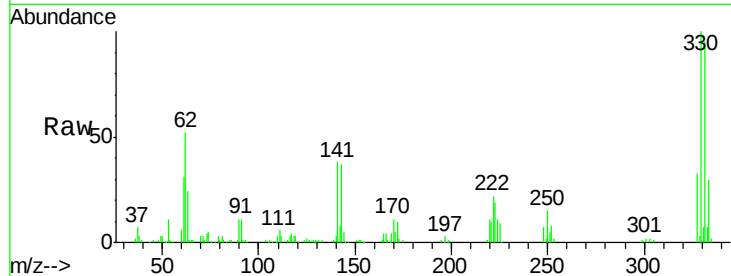




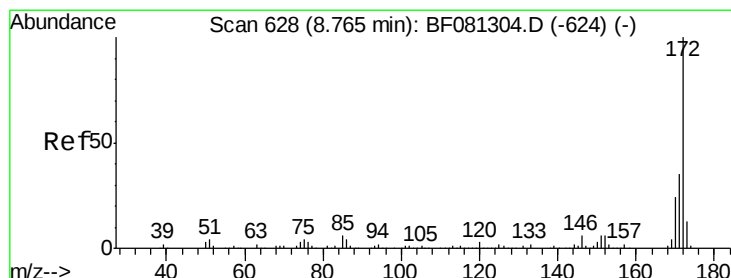
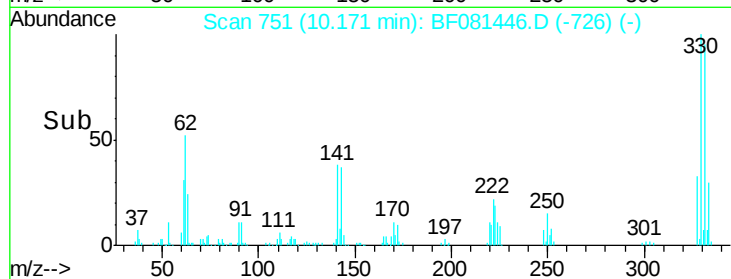
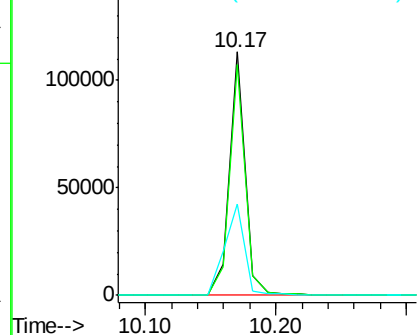
#41
 2,4,6-Tribromophenol
 Concen: 98.07 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081446.D
 Acq: 5 Sep 2015 5:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 96142
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 47.3 29.7 44.5#

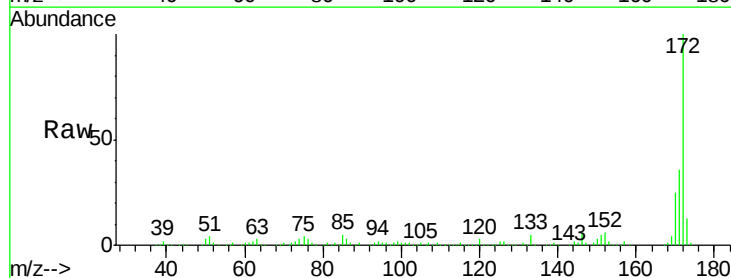


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

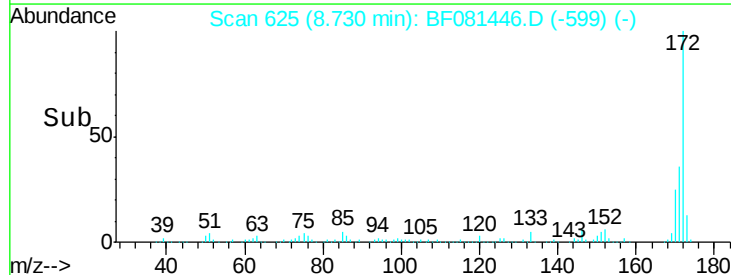
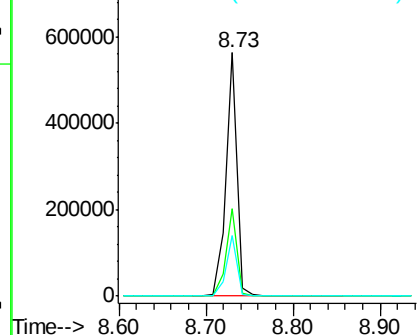


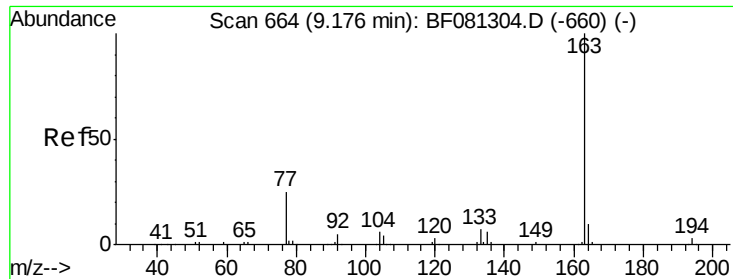
#44
 2-Fluorobiphenyl
 Concen: 59.11 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081446.D
 Acq: 5 Sep 2015 5:06

Tgt Ion:172 Resp: 507843
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 24.6 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

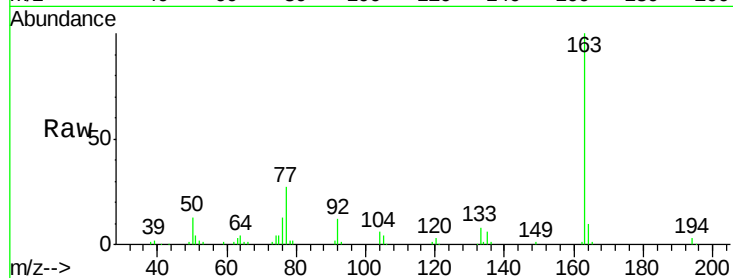




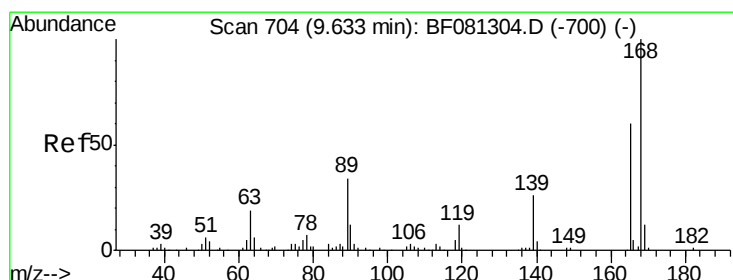
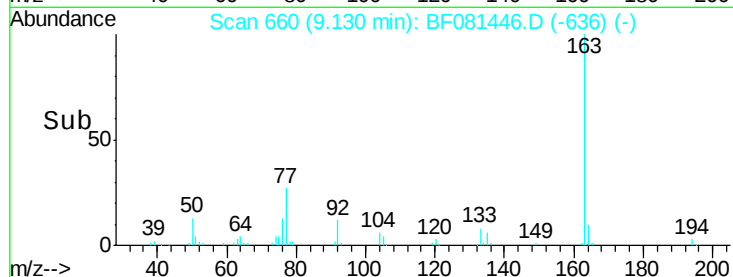
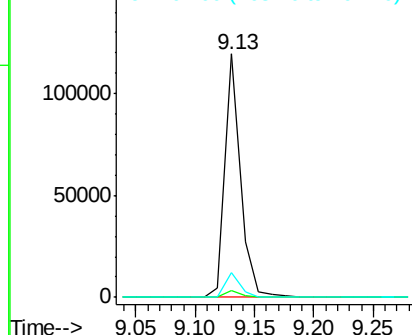
#49
Dimethylphthalate
Concen: 12.53 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF081446.D
Acq: 5 Sep 2015 5:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 107183
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 9.9 8.3 12.5

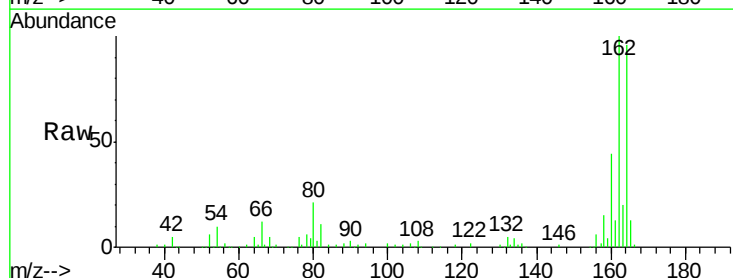


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

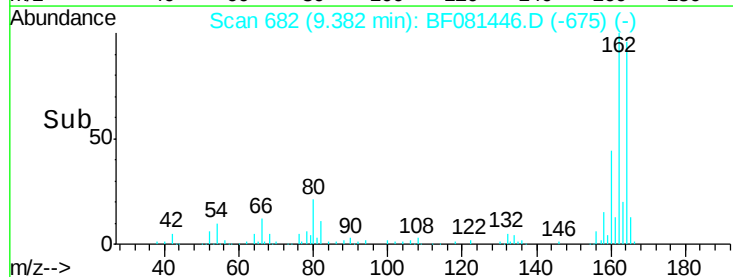
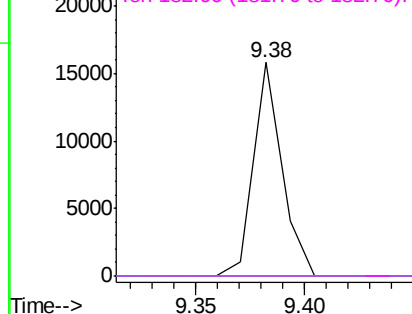


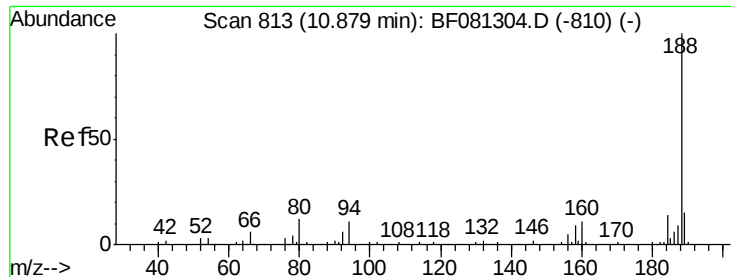
#56
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.22 min
Lab File: BF081446.D
Acq: 5 Sep 2015 5:06

Tgt Ion:165 Resp: 14338
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

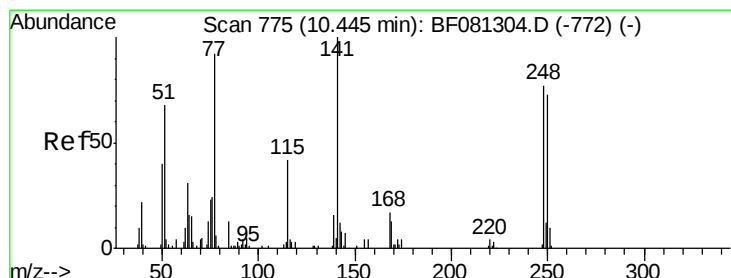
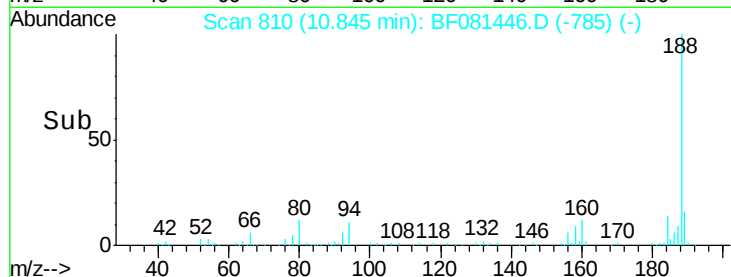
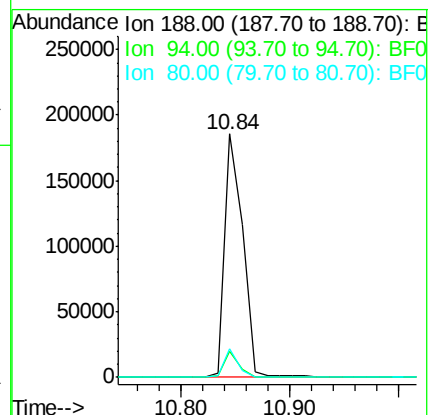
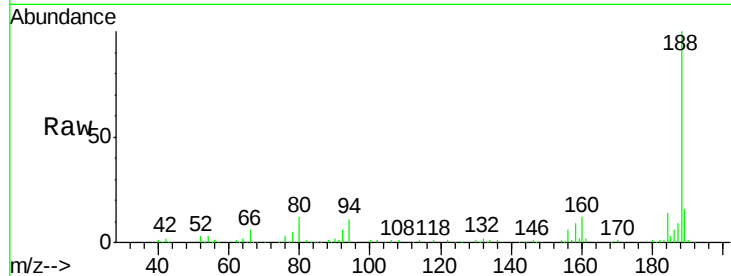




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF081446.D
 Acq: 5 Sep 2015 5:06

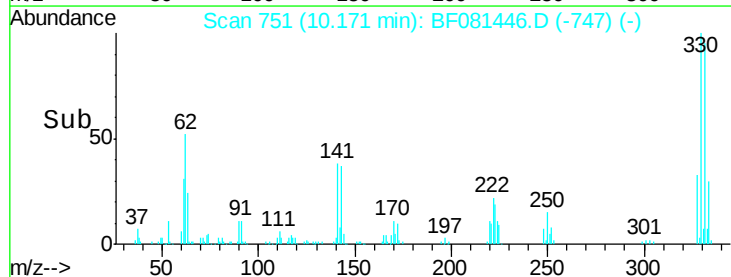
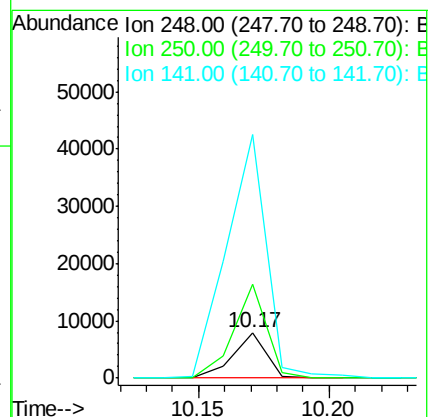
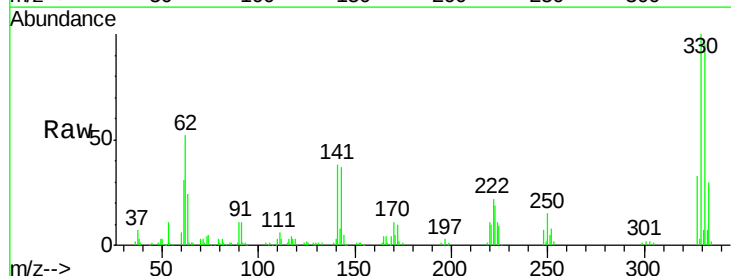
Instrument :
 BNA_F
 ClientSampled :

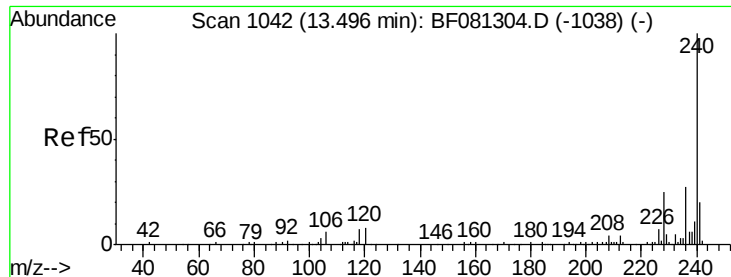
Tot Ion:188 Resp: 215915
 Ion Ratio Lower Upper
 188 100
 94 10.7 11.1 16.7#
 80 11.9 11.0 16.4



#66
 4-Bromophenyl-phenylether
 Concen: 3.24 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF081446.D
 Acq: 5 Sep 2015 5:06

Tgt Ion:248 Resp: 7066
 Ion Ratio Lower Upper
 248 100
 250 208.4 78.5 117.7#
 141 537.8 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF081446.D

Acq: 5 Sep 2015 5:06

Instrument :

BNA_F

ClientSampleId :

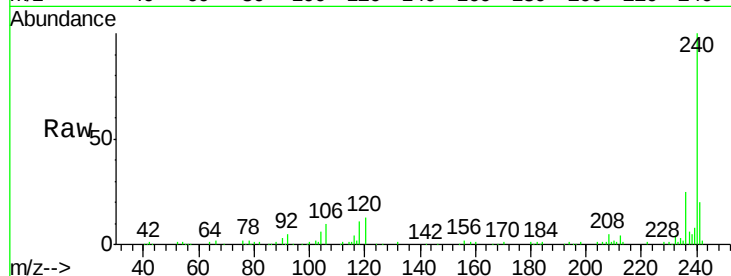
Tot Ion:240 Resp: 161021

Ion Ratio Lower Upper

240 100

120 12.8 16.2 24.2#

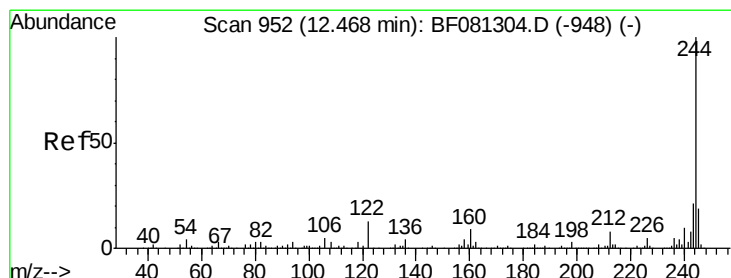
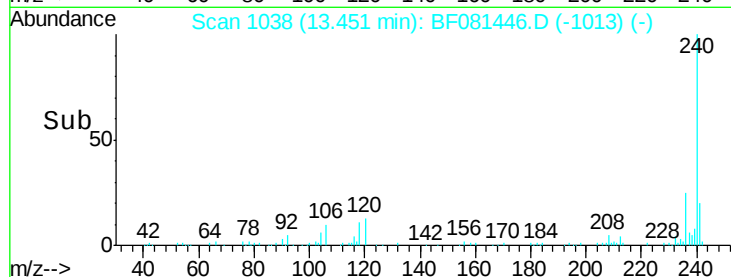
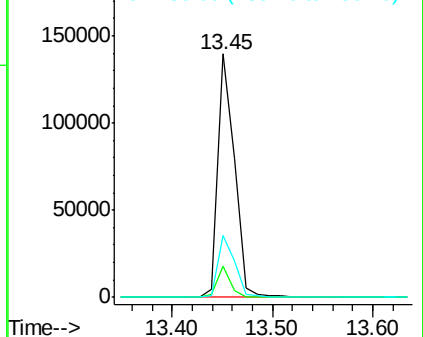
236 25.3 18.4 27.6



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: 61.14 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF081446.D

Acq: 5 Sep 2015 5:06

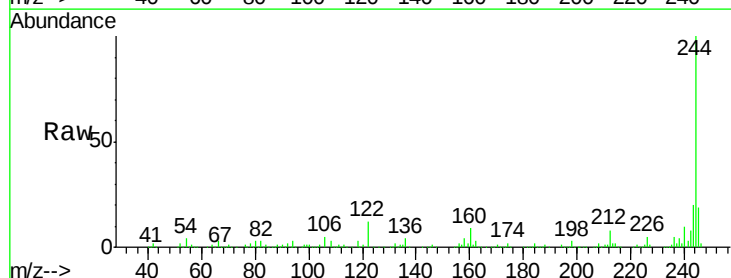
Tgt Ion:244 Resp: 422937

Ion Ratio Lower Upper

244 100

212 8.1 4.3 6.5#

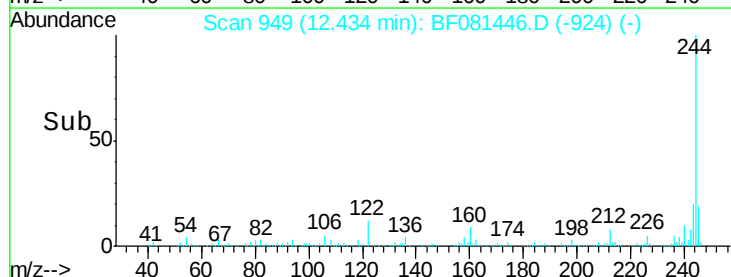
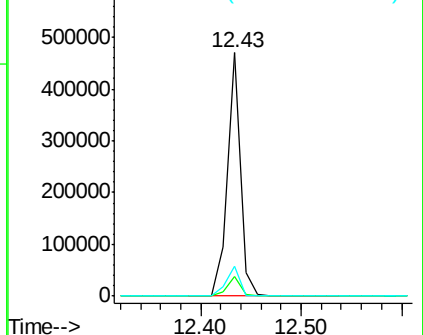
122 12.4 17.4 26.2#

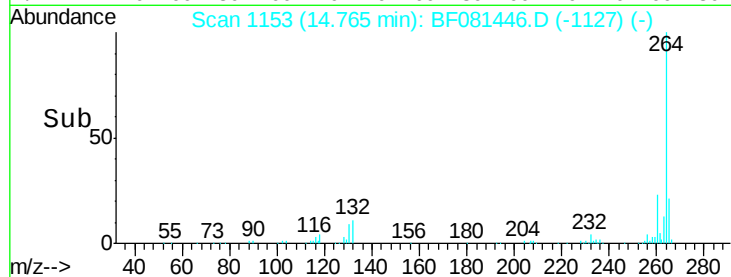
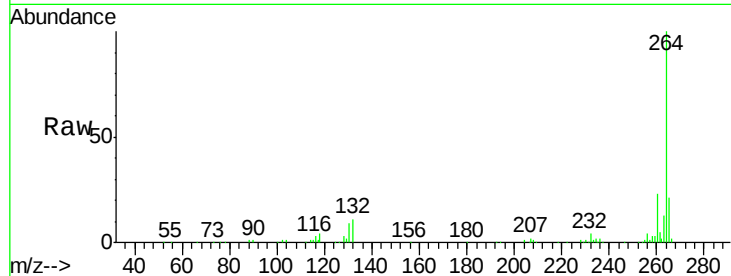
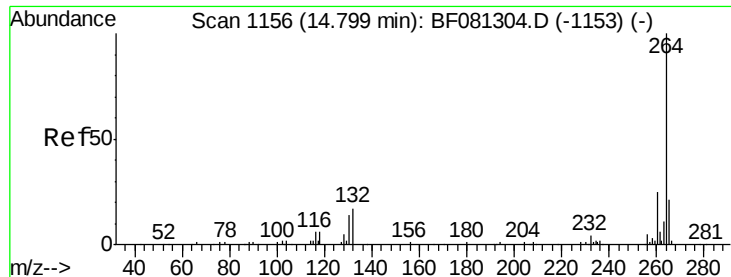


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081446.D

Acq: 5 Sep 2015 5:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 127083

Ion Ratio Lower Upper

264 100

260 23.4 16.7 25.1

265 21.2 17.2 25.8

