

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082815\
 Data File : BF081250.D
 Acq On : 27 Aug 2015 17:04
 Operator : UM/IZ
 Sample : G3430-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 22:49:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

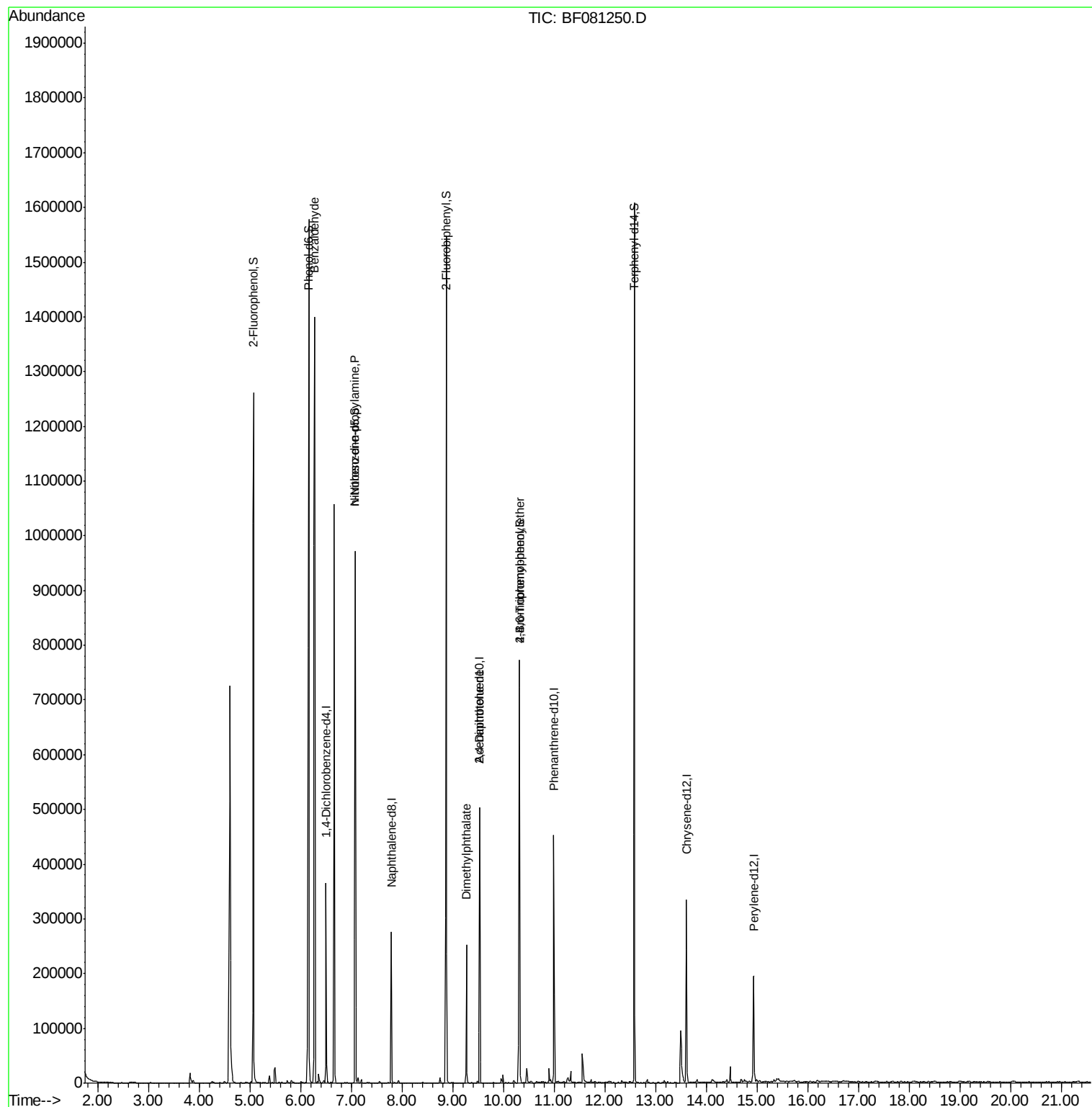
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	46620	20.00	ng	-0.04
21) Naphthalene-d8	7.79	136	178970	20.00	ng	-0.04
38) Acenaphthene-d10	9.53	164	92909	20.00	ng	-0.05
63) Phenanthrene-d10	10.99	188	172751	20.00	ng	-0.05
75) Chrysene-d12	13.61	240	153184	20.00	ng	-0.05
86) Perylene-d12	14.94	264	110046	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	437363	141.11	ng	-0.02
7) Phenol-d6	6.16	99	567338	140.29	ng	-0.04
23) Nitrobenzene-d5	7.07	82	317588	81.06	ng	-0.05
41) 2,4,6-Tribromophenol	10.32	330	114735	142.46	ng	-0.04
44) 2-Fluorobiphenyl	8.87	172	465375	65.63	ng	-0.04
78) Terphenyl-d14	12.58	244	465160	65.10	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.27	77	11685	4.48	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.07	70	42291	15.10	ng	# 70
49) Dimethylphthalate	9.27	163	86660	11.33	ng	99
56) 2,4-Dinitrotoluene	9.53	165	12089	5.55	ng	# 16
66) 4-Bromophenyl-phenylether	10.32	248	8202	4.83	ng	# 1

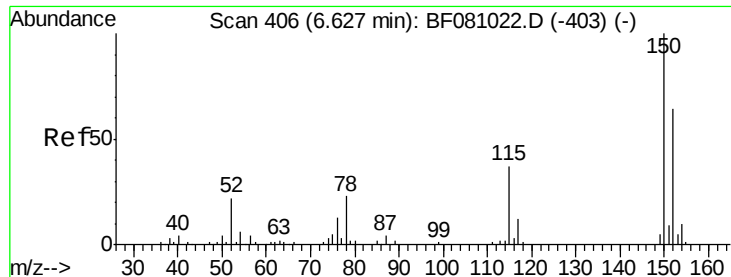
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081250\
Data File : BF081250.D
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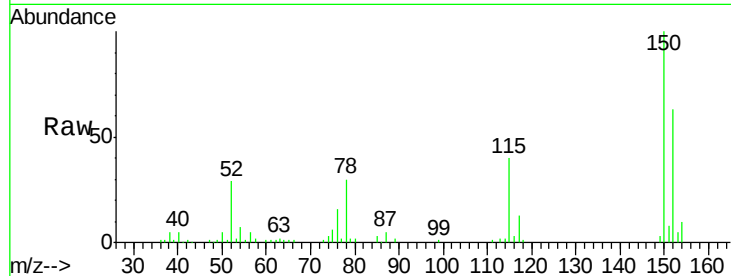


#1

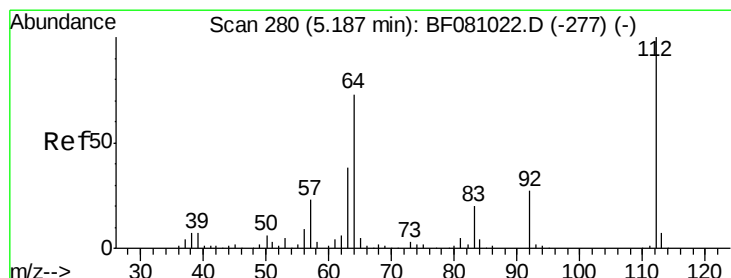
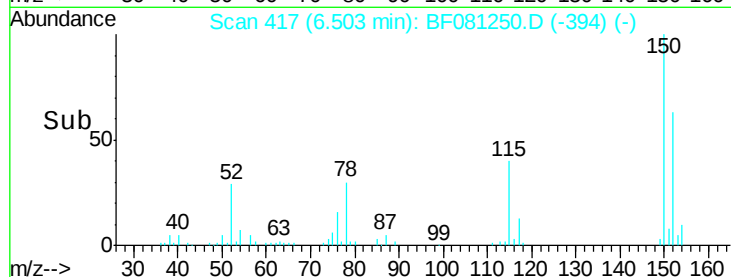
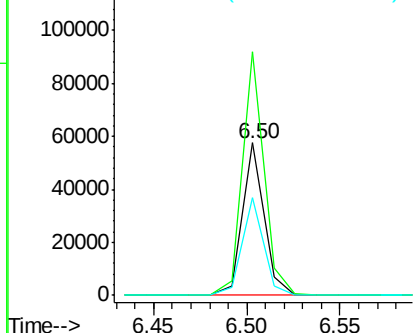
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 417
Delta R.T. -0.04 min
Lab File: BF081250.D
Acq: 27 Aug 2015 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 46620
Ion Ratio Lower Upper
152 100
150 159.7 123.8 185.6
115 64.2 52.1 78.1



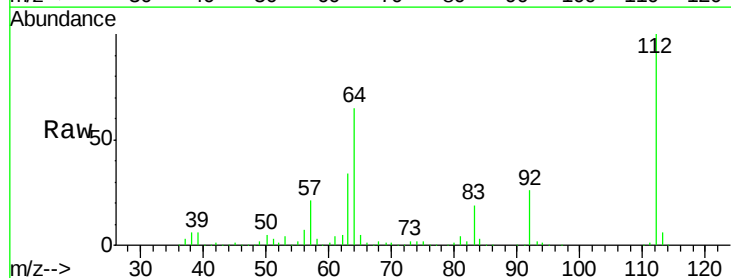
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



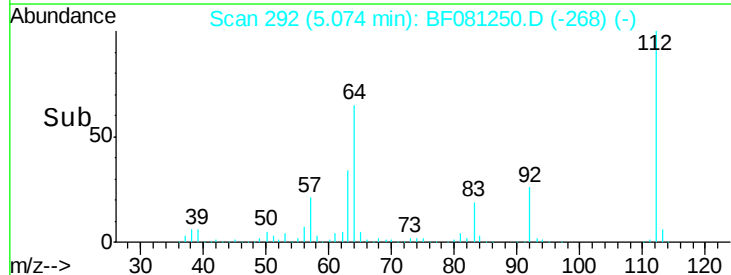
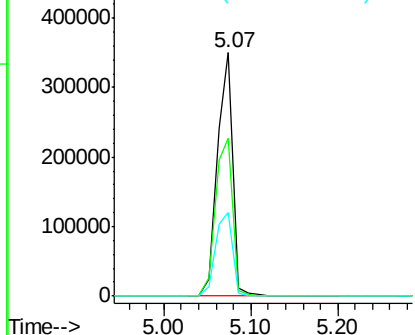
#5

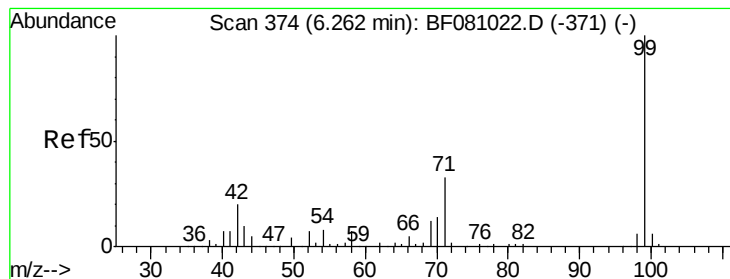
2-Fluorophenol
Concen: 141.11 ng
RT: 5.07 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF081250.D
Acq: 27 Aug 2015 17:04

Tgt Ion:112 Resp: 437363
Ion Ratio Lower Upper
112 100
64 64.8 66.9 100.3#
63 34.4 38.1 57.1#



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: 140.29 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.04 min

Lab File: BF081250.D

Acq: 27 Aug 2015 17:04

Instrument :

BNA_F

ClientSampleId :

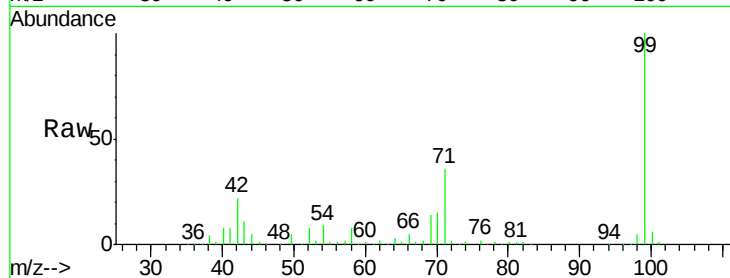
Tot Ion: 99 Resp: 567338

Ion Ratio Lower Upper

99 100

42 21.8 19.6 29.4

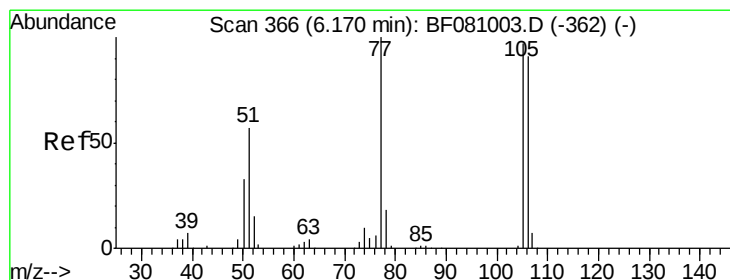
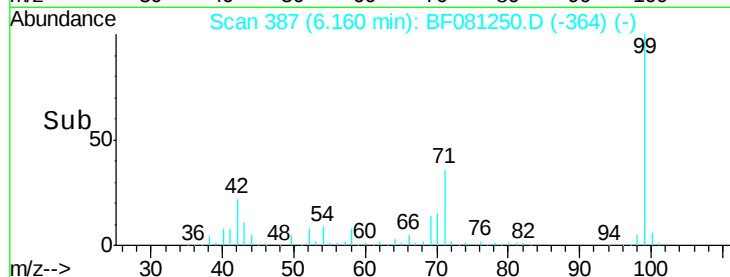
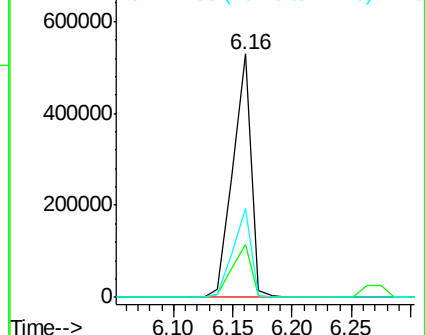
71 36.4 31.2 46.8



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: 4.48 ng

RT: 6.27 min Scan# 397

Delta R.T. 0.19 min

Lab File: BF081250.D

Acq: 27 Aug 2015 17:04

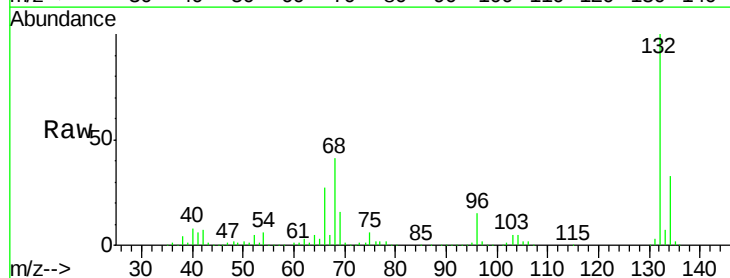
Tgt Ion: 77 Resp: 11685

Ion Ratio Lower Upper

77 100

105 77.6 69.6 109.6

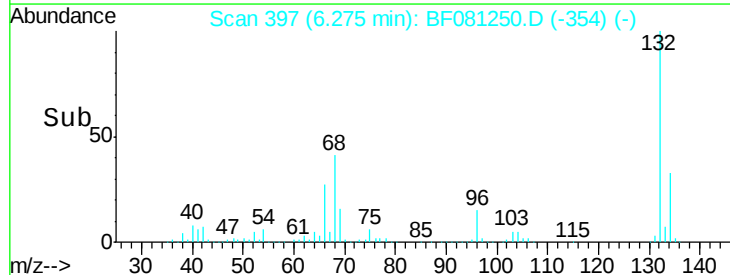
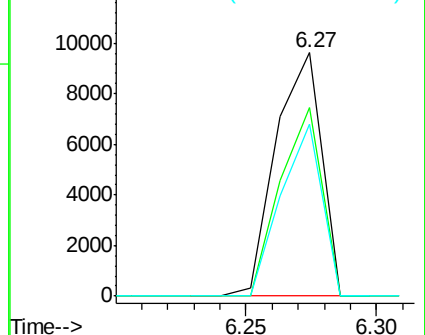
106 70.8 64.0 104.0

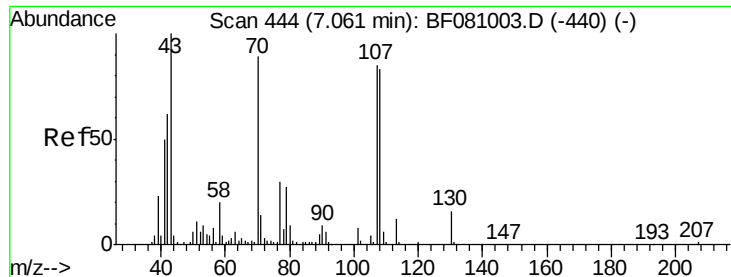


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

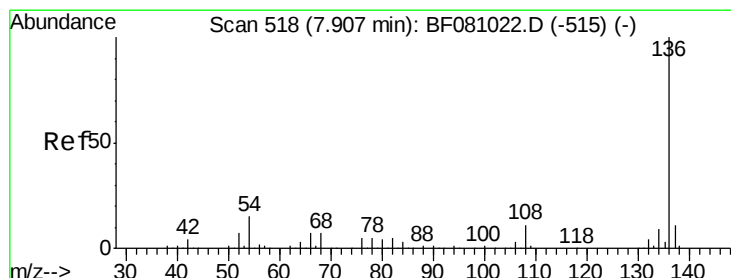
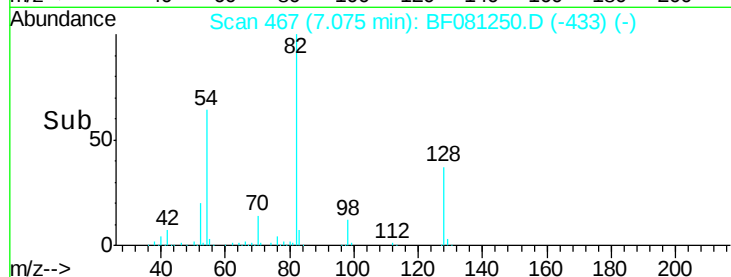
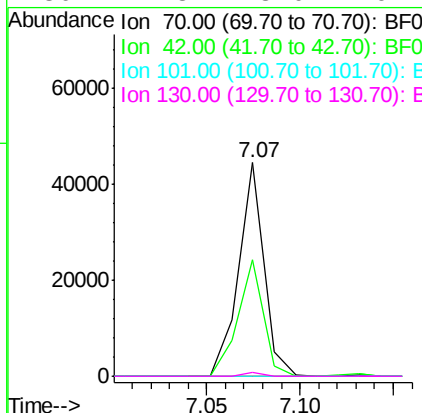
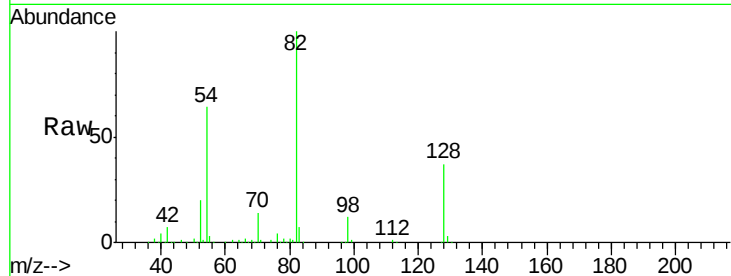




#19
n-Nitroso-di-n-propylamine
Concen: 15.10 ng
RT: 7.07 min Scan# 467
Delta R.T. 0.09 min
Lab File: BF081250.D
Acq: 27 Aug 2015 17:04

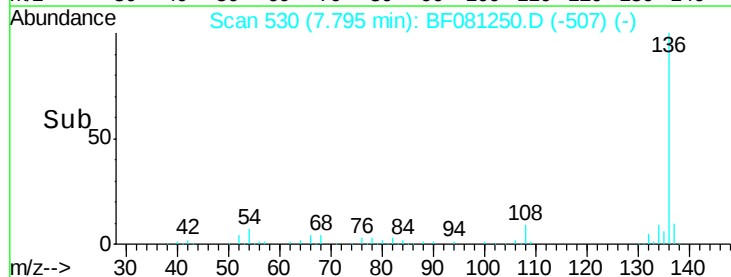
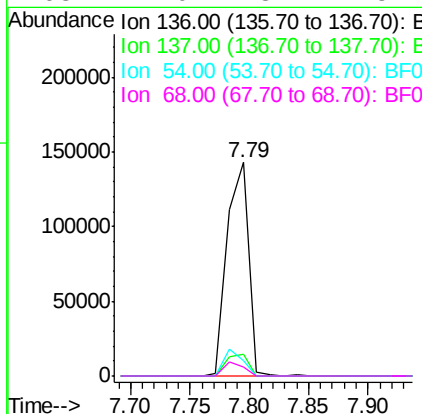
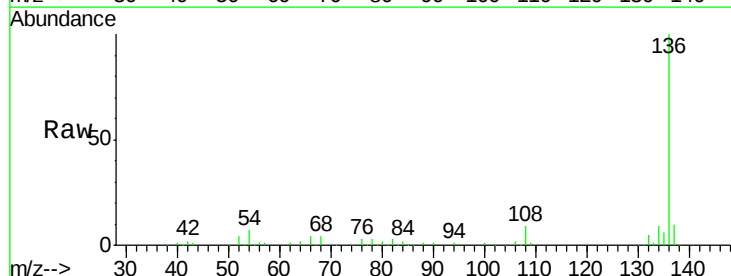
Instrument :
BNA_F
ClientSampleId :

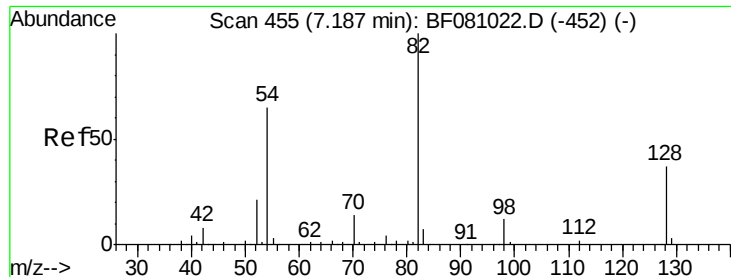
Tot Ion: 70 Resp: 42291
Ion Ratio Lower Upper
70 100
42 54.5 65.0 97.4#
101 0.0 7.4 11.2#
130 1.8 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 530
Delta R.T. -0.04 min
Lab File: BF081250.D
Acq: 27 Aug 2015 17:04

Tgt Ion: 136 Resp: 178970
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.2
54 7.4 7.7 11.5#
68 4.0 3.4 5.2

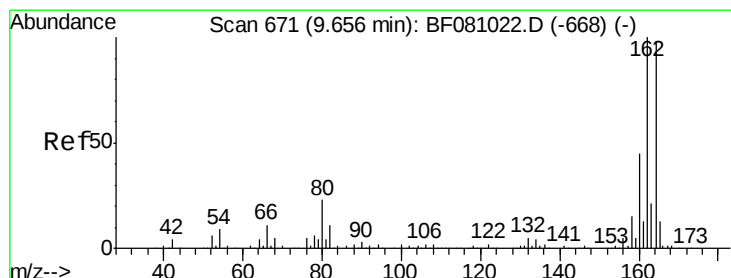
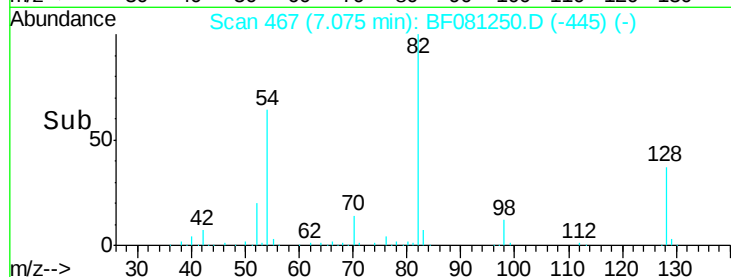
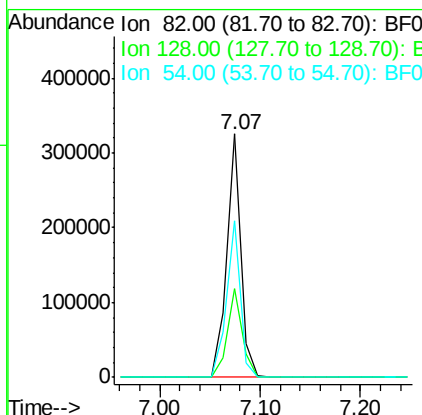
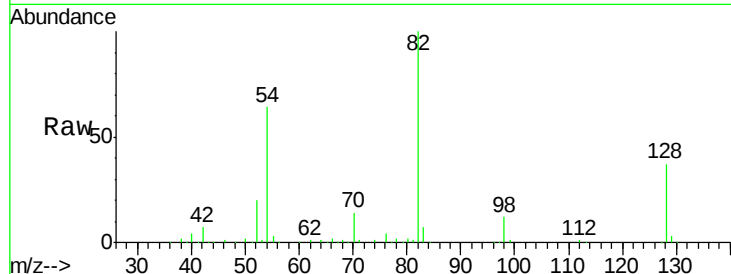




#23
 Nitrobenzene-d5
 Concen: 81.06 ng
 RT: 7.07 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF081250.D
 Acq: 27 Aug 2015 17:04

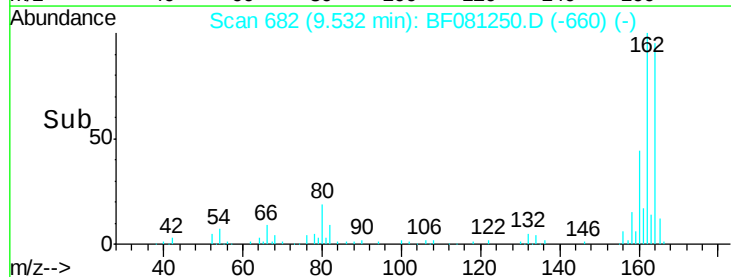
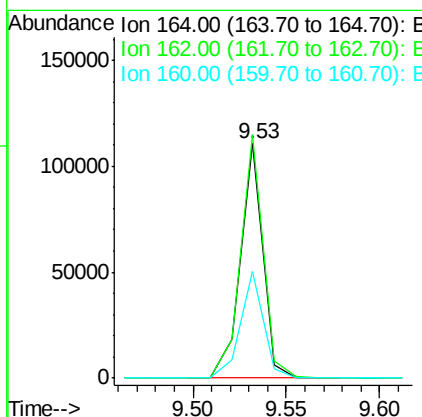
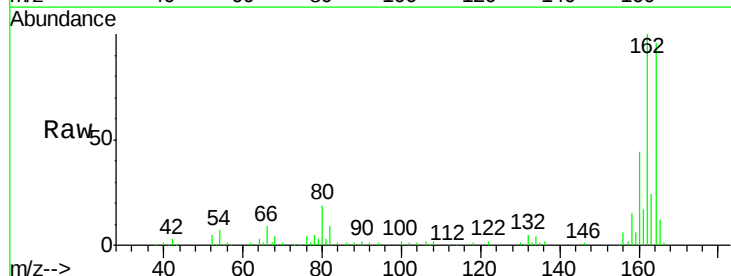
Instrument :
 BNA_F
 ClientSampleId :

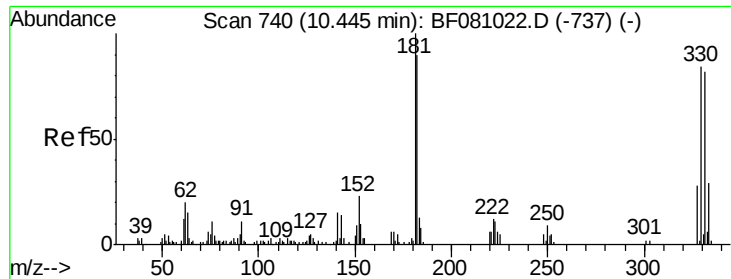
Tot Ion: 82 Resp: 317588
 Ion Ratio Lower Upper
 82 100
 128 36.7 28.6 42.8
 54 64.1 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081250.D
 Acq: 27 Aug 2015 17:04

Tgt Ion: 164 Resp: 92909
 Ion Ratio Lower Upper
 164 100
 162 103.9 83.8 125.8
 160 45.6 39.8 59.8





#41

2,4,6-Tribromophenol

Concen: 142.46 ng

RT: 10.32 min Scan# 751

Delta R.T. -0.04 min

Lab File: BF081250.D

Acq: 27 Aug 2015 17:04

Instrument :

BNA_F

ClientSampleId :

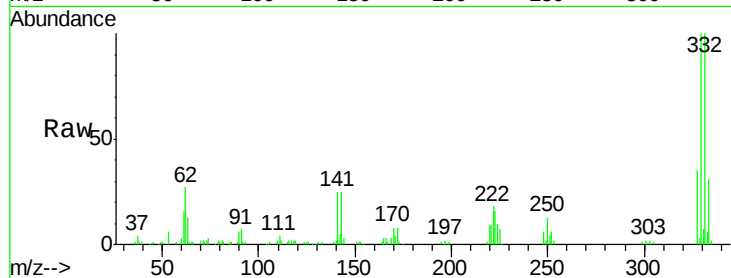
Tot Ion:330 Resp: 114735

Ion Ratio Lower Upper

330 100

332 98.1 77.3 115.9

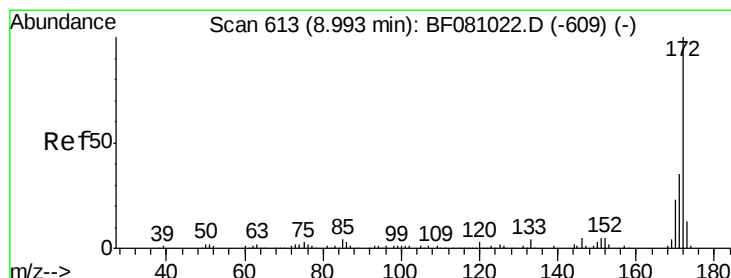
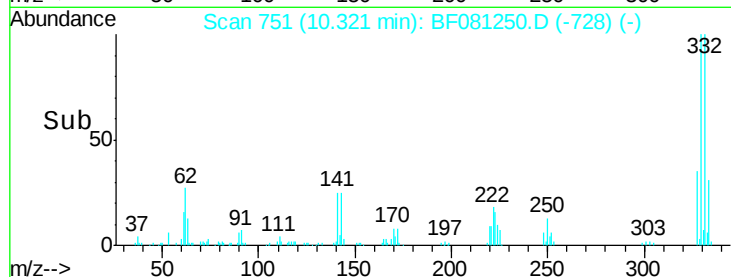
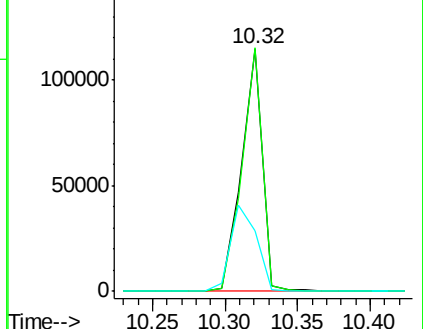
141 44.7 44.9 67.3#



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: 65.63 ng

RT: 8.87 min Scan# 624

Delta R.T. -0.04 min

Lab File: BF081250.D

Acq: 27 Aug 2015 17:04

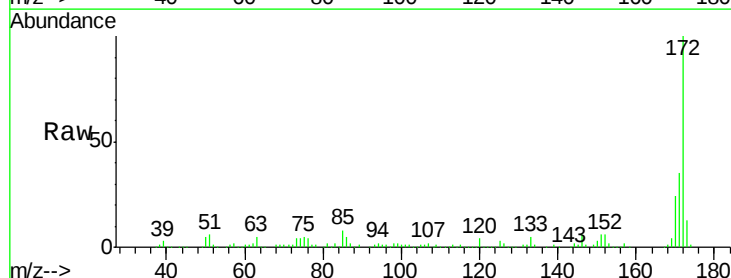
Tgt Ion:172 Resp: 465375

Ion Ratio Lower Upper

172 100

171 35.2 28.9 43.3

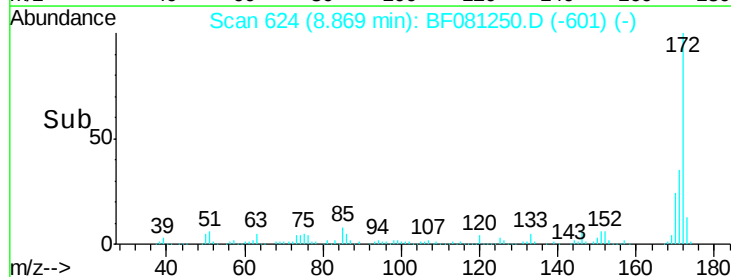
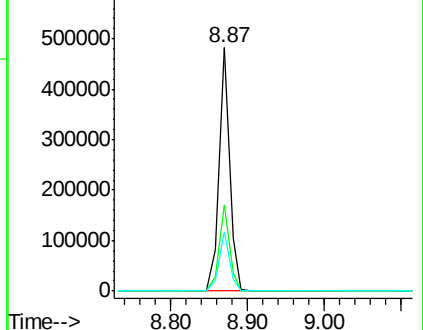
170 24.1 19.4 29.2

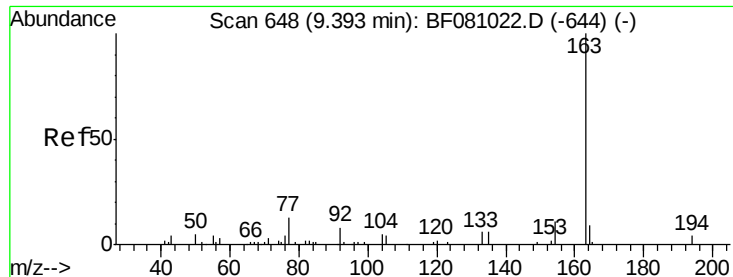


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

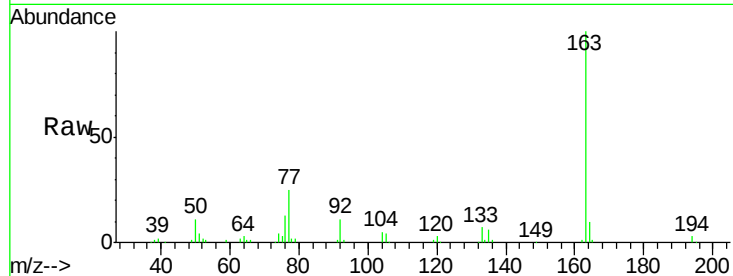




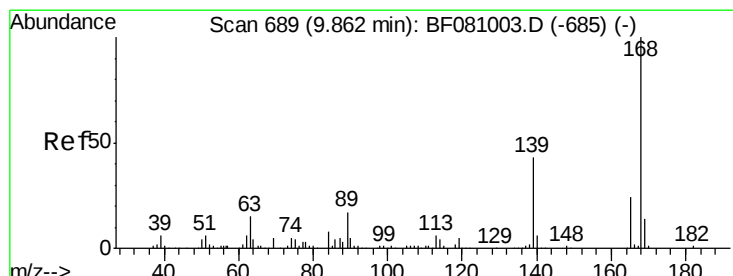
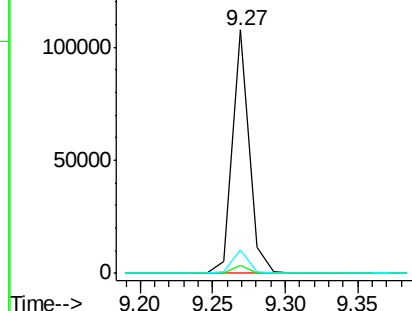
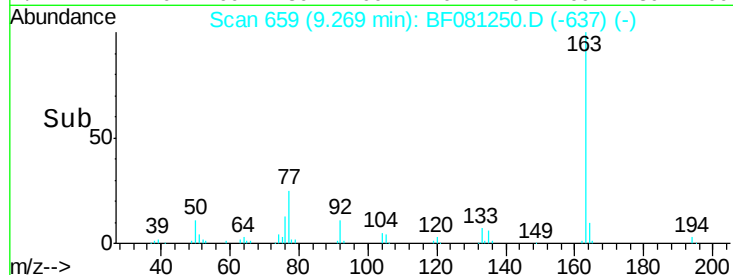
#49
Dimethylphthalate
Concen: 11.33 ng
RT: 9.27 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF081250.D
Acq: 27 Aug 2015 17:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 86660
Ion Ratio Lower Upper
163 100
194 3.1 2.5 3.7
164 9.8 8.1 12.1

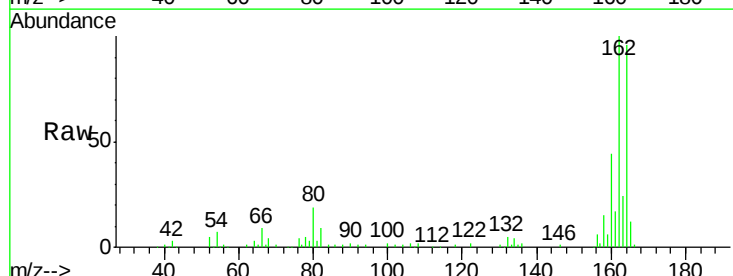


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

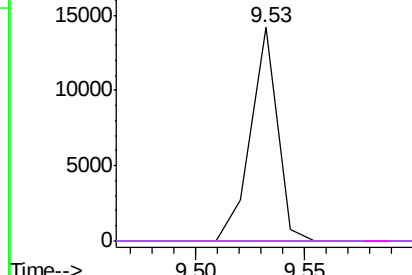
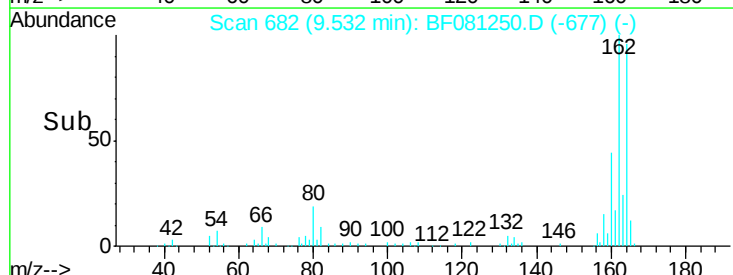


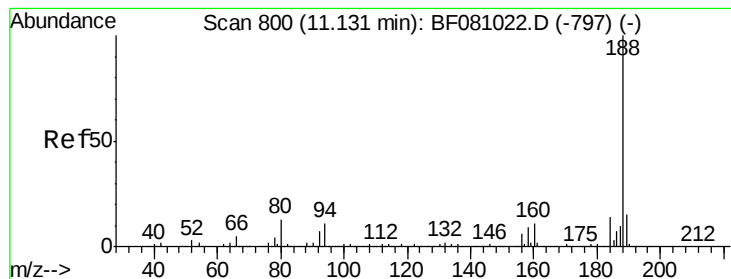
#56
2,4-Dinitrotoluene
Concen: 5.55 ng
RT: 9.53 min Scan# 682
Delta R.T. -0.24 min
Lab File: BF081250.D
Acq: 27 Aug 2015 17:04

Tgt Ion:165 Resp: 12089
Ion Ratio Lower Upper
165 100
63 0.0 52.2 78.4#
89 0.0 60.1 90.1#
182 0.0 1.8 2.6#



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: 10.99 min Scan# 810

Delta R.T. -0.05 min

Lab File: BF081250.D

Acq: 27 Aug 2015 17:04

Instrument :

BNA_F

ClientSampleId :

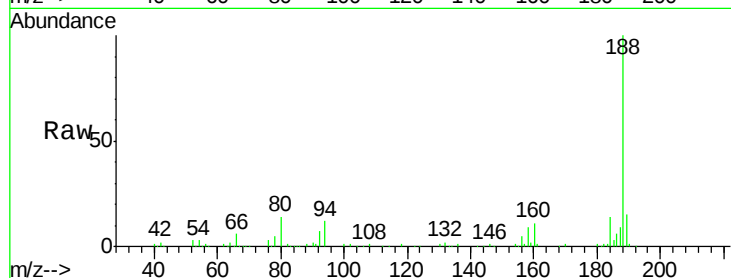
Tot Ion:188 Resp: 172751

Ion Ratio Lower Upper

188 100

94 12.1 8.2 12.2

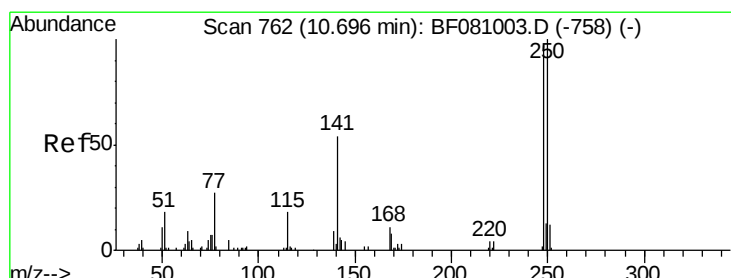
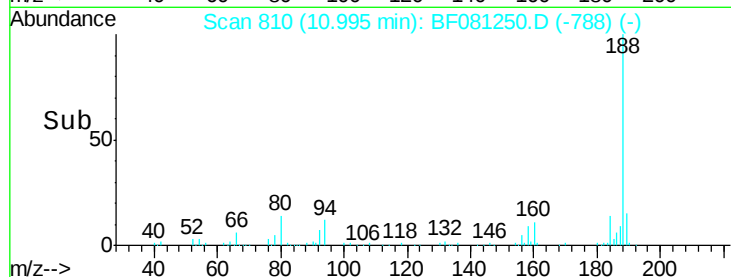
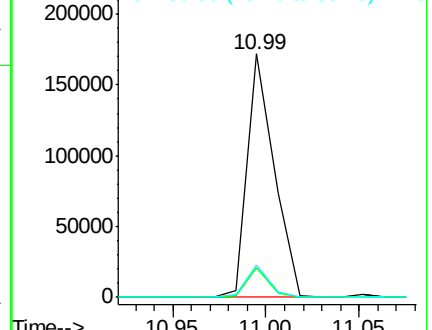
80 13.5 9.5 14.3



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: 4.83 ng

RT: 10.32 min Scan# 751

Delta R.T. -0.28 min

Lab File: BF081250.D

Acq: 27 Aug 2015 17:04

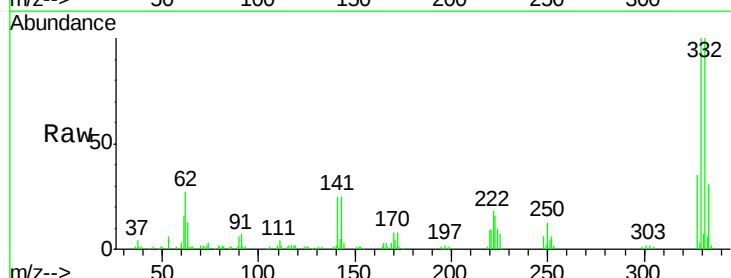
Tgt Ion:248 Resp: 8202

Ion Ratio Lower Upper

248 100

250 217.8 77.8 116.6#

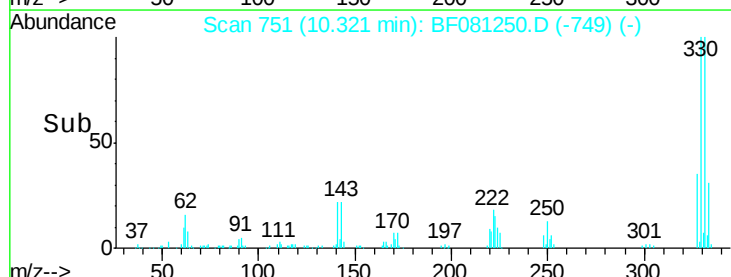
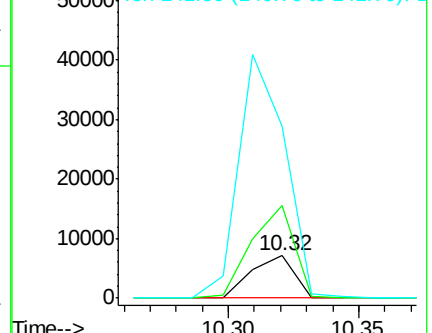
141 407.8 39.8 59.6#

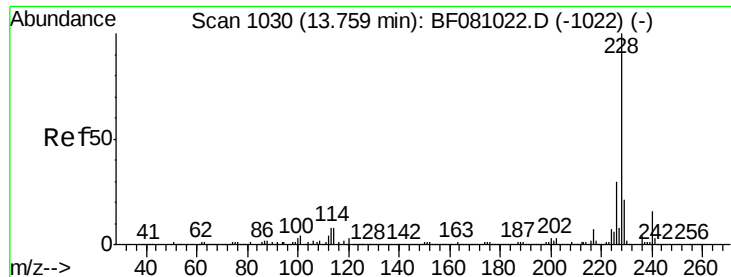


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

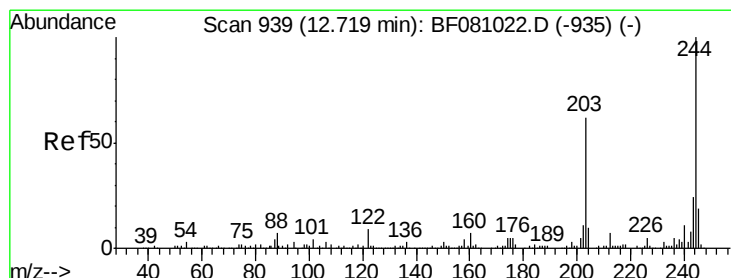
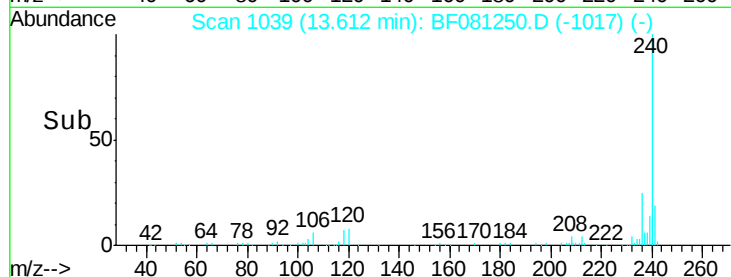
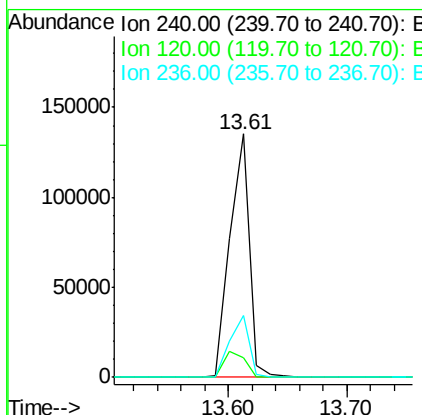
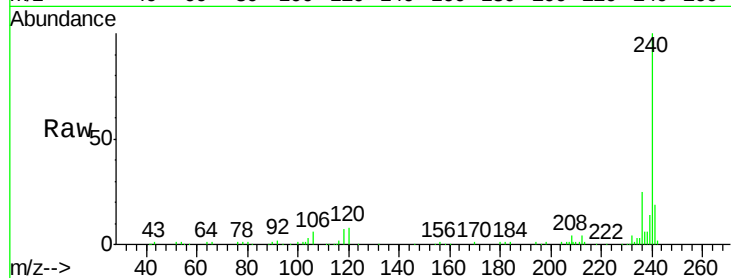




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.61 min Scan# 1039
 Delta R.T. -0.05 min
 Lab File: BF081250.D
 Acq: 27 Aug 2015 17:04

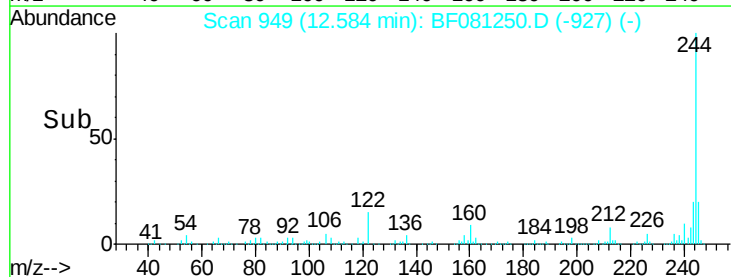
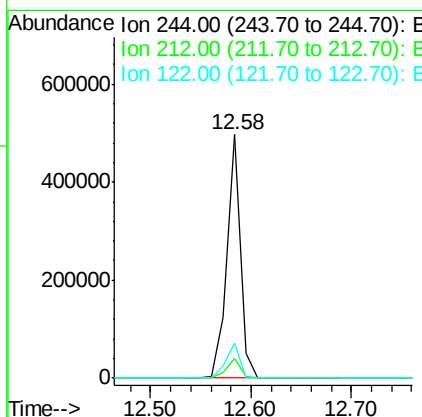
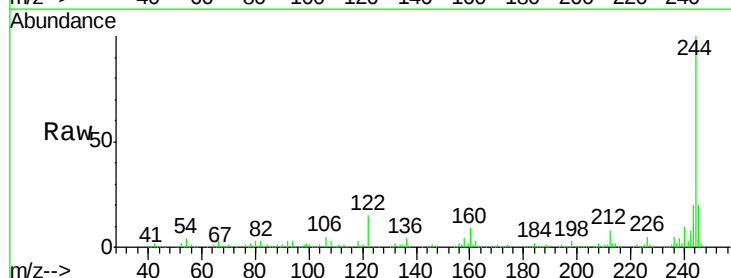
Instrument :
 BNA_F
 ClientSampleId :

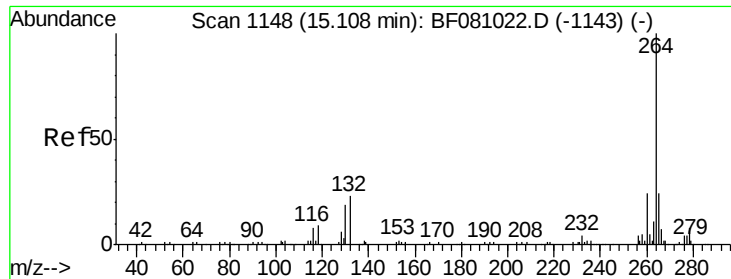
Tot Ion:240 Resp: 153184
 Ion Ratio Lower Upper
 240 100
 120 8.1 5.6 8.4
 236 25.4 20.6 30.8



#78
 Terphenyl-d14
 Concen: 65.10 ng
 RT: 12.58 min Scan# 949
 Delta R.T. -0.05 min
 Lab File: BF081250.D
 Acq: 27 Aug 2015 17:04

Tgt Ion:244 Resp: 465160
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 14.6 8.2 12.4#

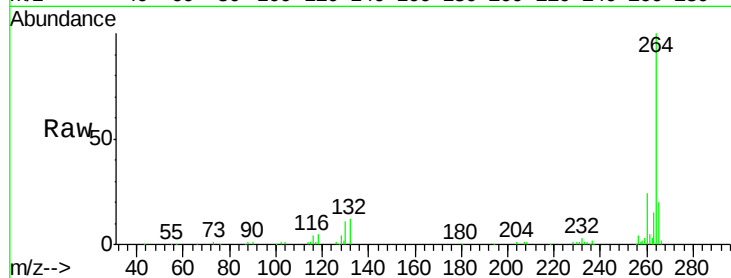




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1155
 Delta R.T. -0.05 min
 Lab File: BF081250.D
 Acq: 27 Aug 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	19.9	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

