

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081280.D
 Acq On : 29 Aug 2015 19:54
 Operator : UM/IZ
 Sample : G3467-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:07:44 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

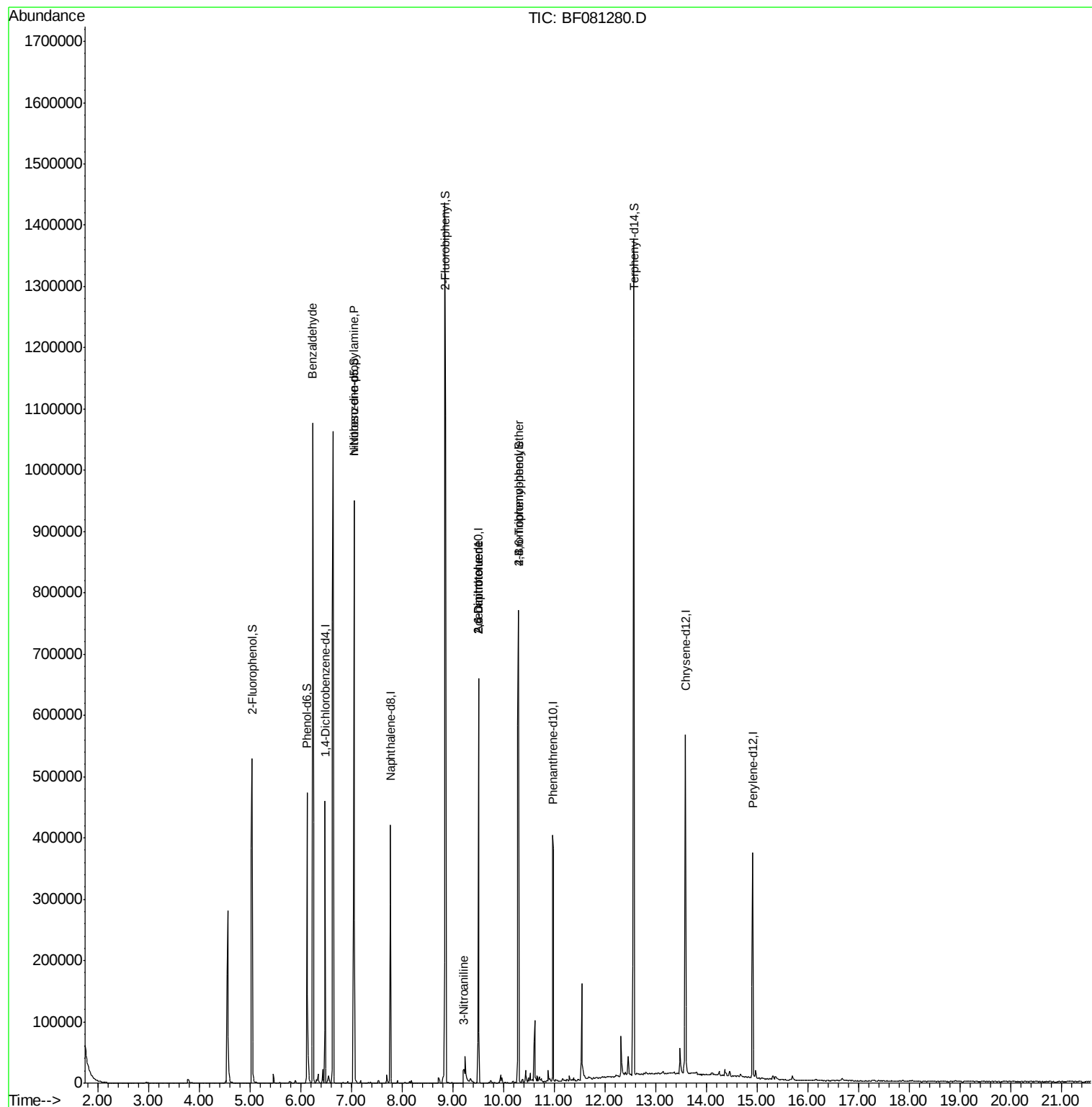
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	62130	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	239712	20.00	ng	-0.06
38) Acenaphthene-d10	9.51	164	114689	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	217303	20.00	ng	-0.06
75) Chrysene-d12	13.59	240	173411	20.00	ng	-0.07
86) Perylene-d12	14.92	264	140978	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	180902	43.79	ng	-0.06
7) Phenol-d6	6.13	99	150143	27.86	ng	-0.07
23) Nitrobenzene-d5	7.05	82	349160	66.54	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	101418	102.01	ng	-0.06
44) 2-Fluorobiphenyl	8.85	172	635022	72.55	ng	-0.06
78) Terphenyl-d14	12.57	244	614835	76.01	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.24	77	7148	2.06	ng	# 77
19) n-Nitroso-di-n-propylamine	7.05	70	45769	12.26	ng	# 70
50) 2,6-Dinitrotoluene	9.51	165	14937	7.37	ng	# 21
52) 3-Nitroaniline	9.22	138	34354	13.54	ng	# 1
56) 2,4-Dinitrotoluene	9.51	165	14937	5.56	ng	# 17
66) 4-Bromophenyl-phenylether	10.30	248	7770	3.64	ng	# 1

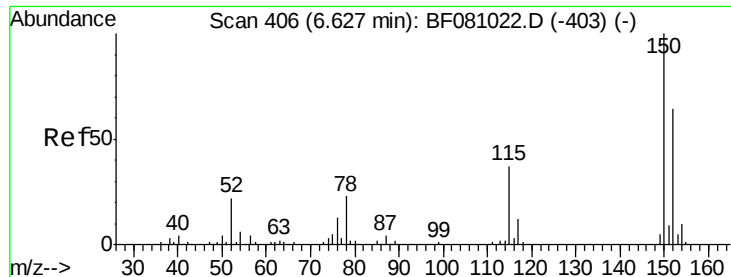
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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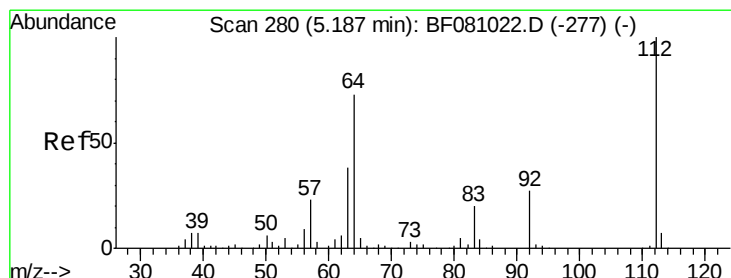
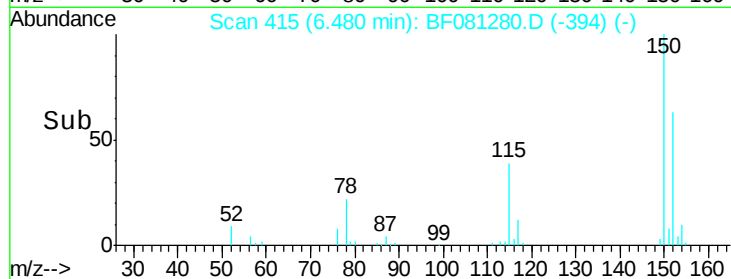
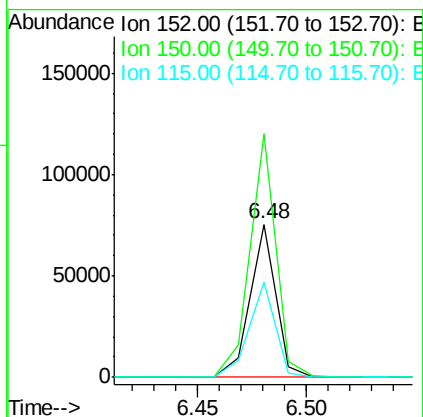
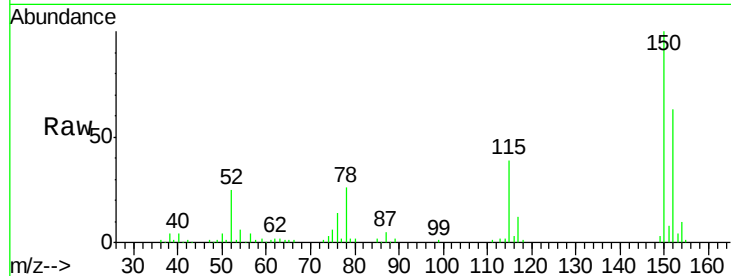


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. -0.06 min
Lab File: BF081280.D
Acq: 29 Aug 2015 19:54

Instrument :
BNA_F
ClientSampleId :

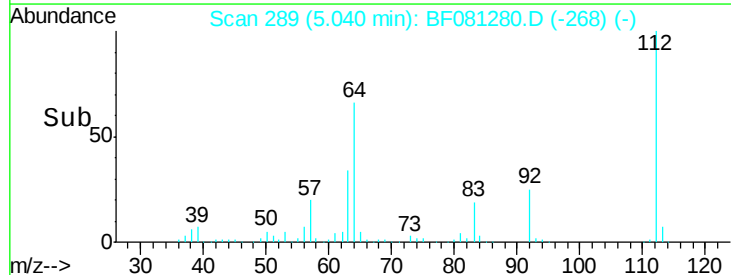
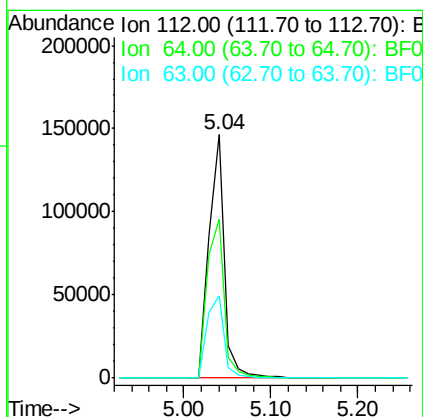
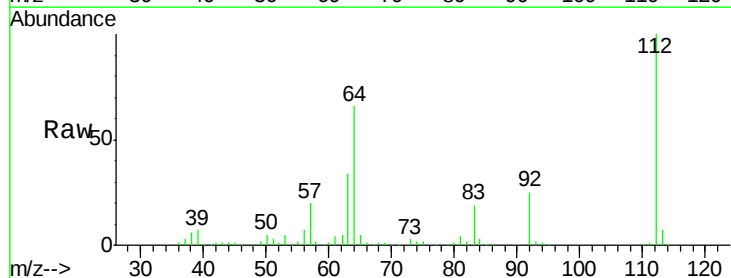
Tot Ion:152 Resp: 62130
Ion Ratio Lower Upper
152 100
150 159.1 123.8 185.6
115 62.3 52.1 78.1



#5

2-Fluorophenol
Concen: 43.79 ng
RT: 5.04 min Scan# 289
Delta R.T. -0.06 min
Lab File: BF081280.D
Acq: 29 Aug 2015 19:54

Tgt Ion:112 Resp: 180902
Ion Ratio Lower Upper
112 100
64 65.6 66.9 100.3#
63 34.1 38.1 57.1#





#7

Phenol-d6

Concen: 27.86 ng

RT: 6.13 min Scan# 384

Delta R.T. -0.07 min

Lab File: BF081280.D

Acq: 29 Aug 2015 19:54

Instrument :

BNA_F

ClientSampleId :

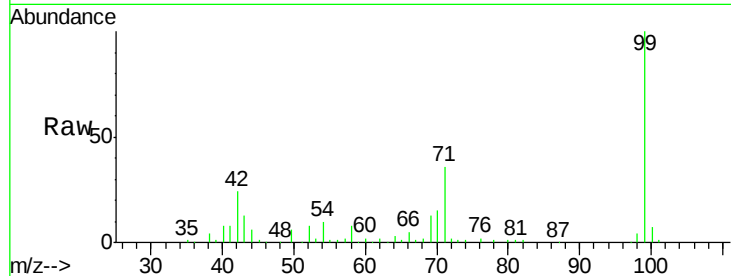
Tot Ion: 99 Resp: 150143

Ion Ratio Lower Upper

99 100

42 23.8 19.6 29.4

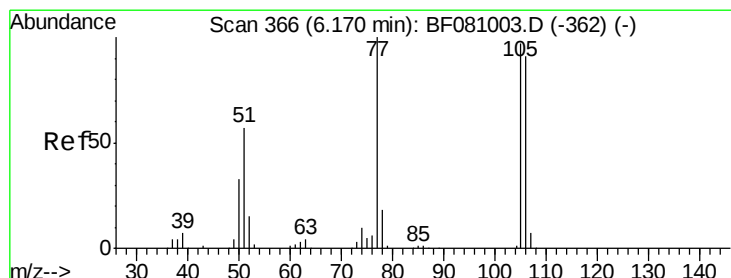
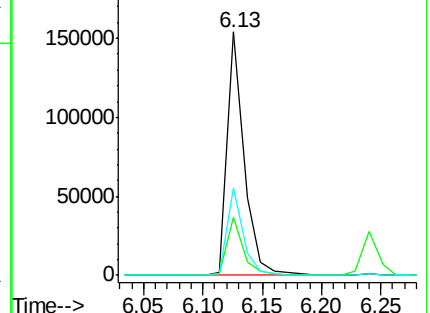
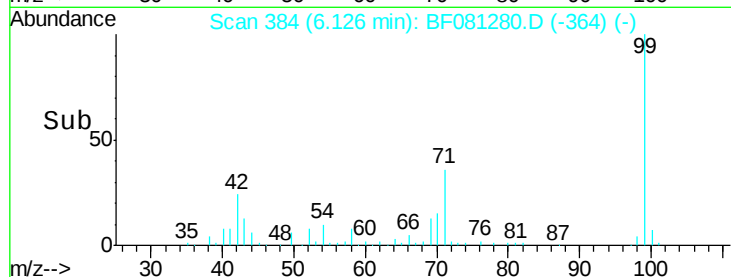
71 36.0 31.2 46.8



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: 2.06 ng

RT: 6.24 min Scan# 394

Delta R.T. 0.16 min

Lab File: BF081280.D

Acq: 29 Aug 2015 19:54

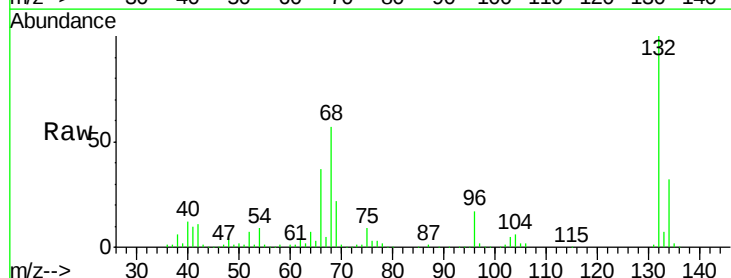
Tgt Ion: 77 Resp: 7148

Ion Ratio Lower Upper

77 100

105 68.0 69.6 109.6#

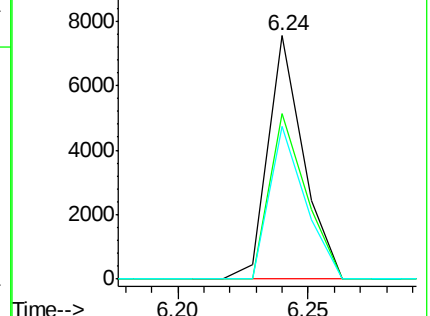
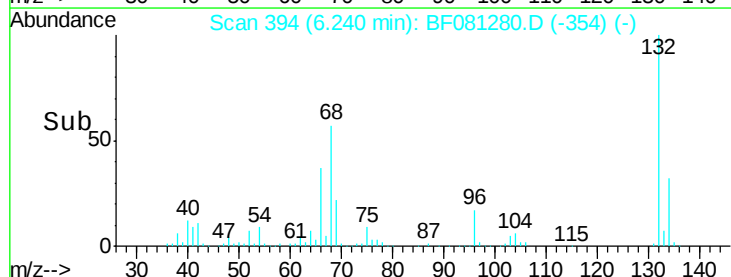
106 62.9 64.0 104.0#

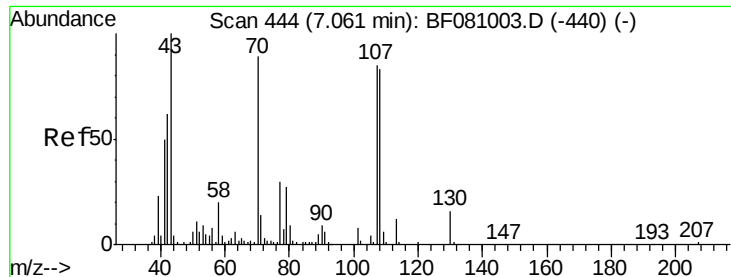


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

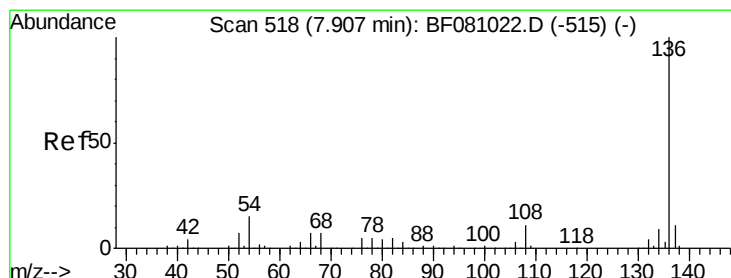
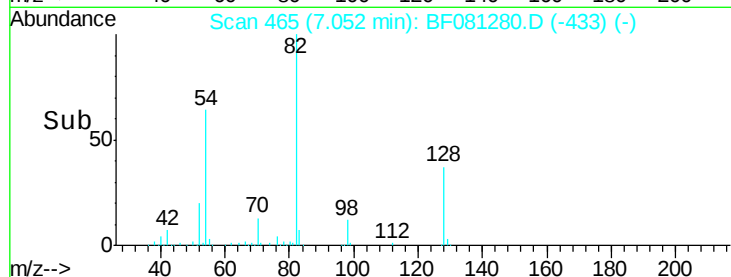
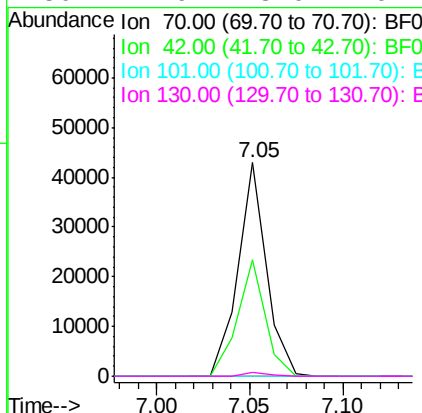
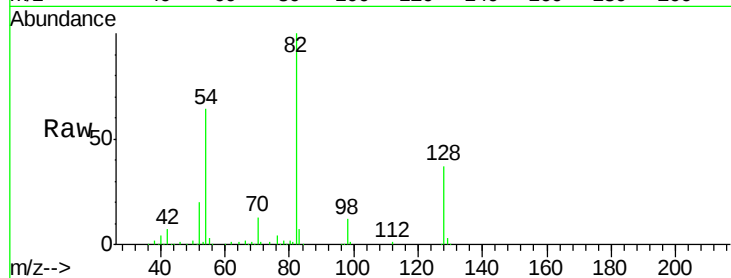




#19
n-Nitroso-di-n-propylamine
Concen: 12.26 ng
RT: 7.05 min Scan# 465
Delta R.T. 0.07 min
Lab File: BF081280.D
Acq: 29 Aug 2015 19:54

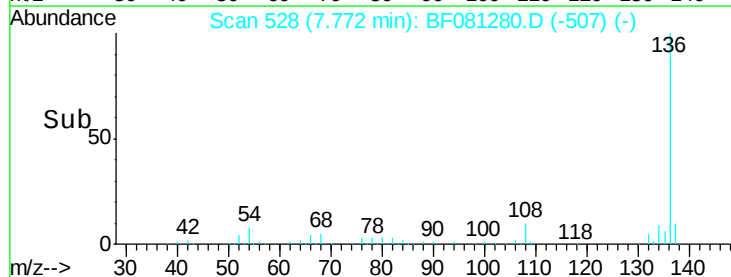
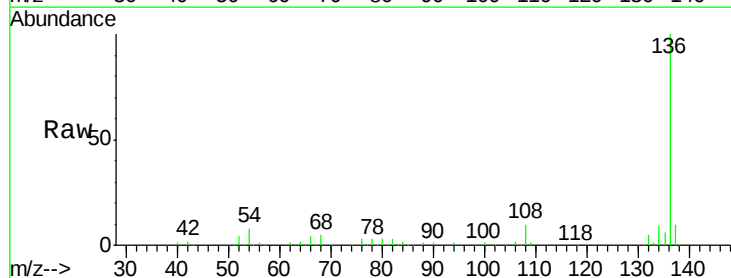
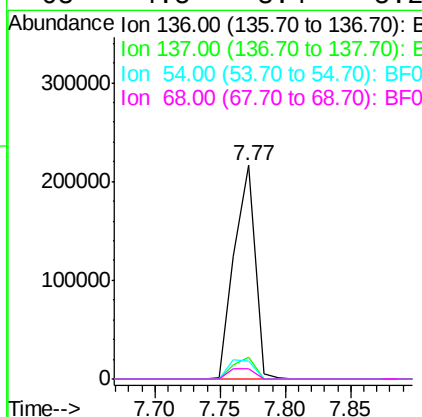
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 45769
Ion Ratio Lower Upper
70 100
42 54.5 65.0 97.4#
101 0.0 7.4 11.2#
130 1.9 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 528
Delta R.T. -0.06 min
Lab File: BF081280.D
Acq: 29 Aug 2015 19:54

Tgt Ion: 136 Resp: 239712
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.2
54 8.1 7.7 11.5
68 4.5 3.4 5.2

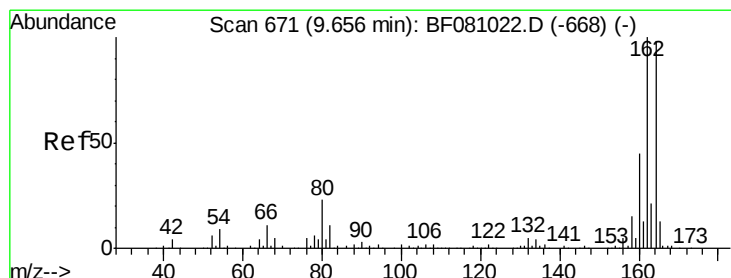
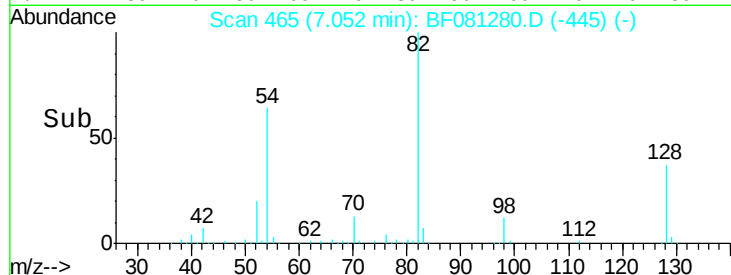
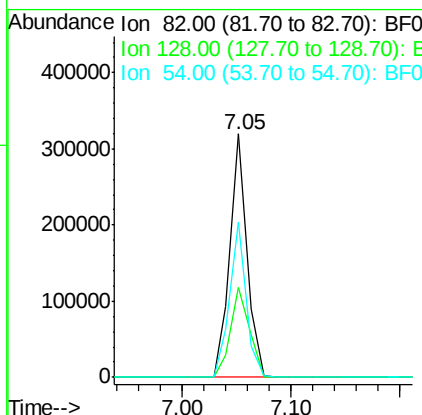
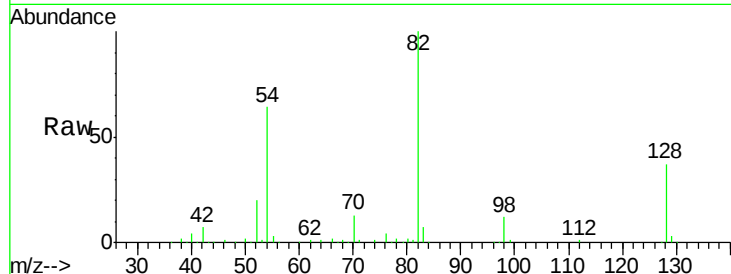




#23
 Nitrobenzene-d5
 Concen: 66.54 ng
 RT: 7.05 min Scan# 465
 Delta R.T. -0.07 min
 Lab File: BF081280.D
 Acq: 29 Aug 2015 19:54

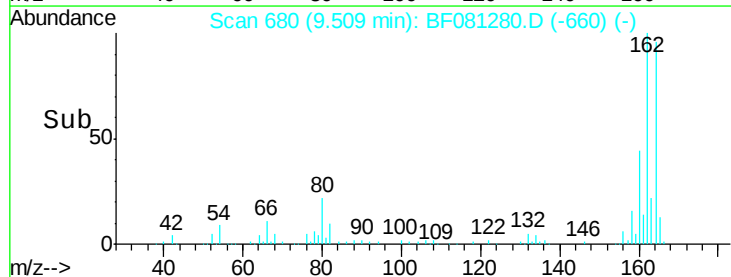
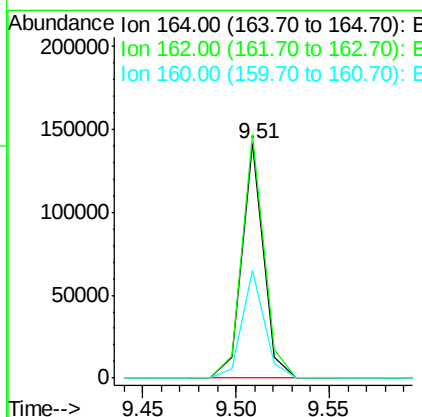
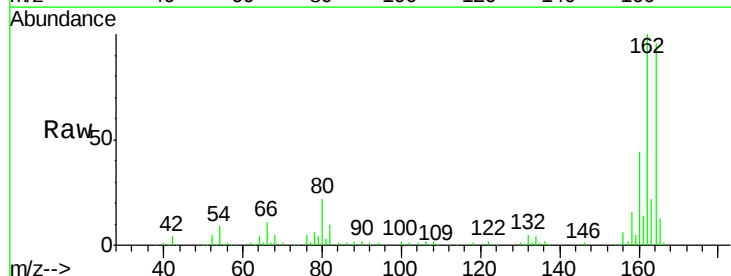
Instrument :
 BNA_F
 ClientSampleId :

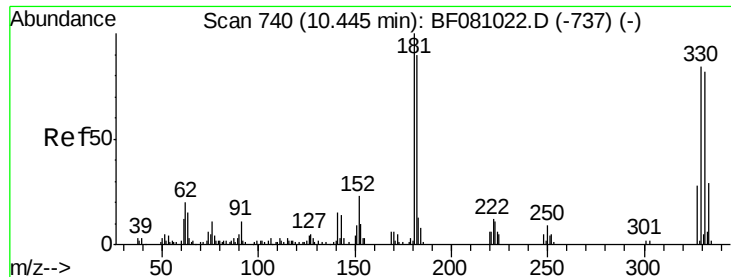
Tot Ion: 82 Resp: 349160
 Ion Ratio Lower Upper
 82 100
 128 36.8 28.6 42.8
 54 63.7 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 680
 Delta R.T. -0.07 min
 Lab File: BF081280.D
 Acq: 29 Aug 2015 19:54

Tgt Ion: 164 Resp: 114689
 Ion Ratio Lower Upper
 164 100
 162 104.0 83.8 125.8
 160 46.1 39.8 59.8





#41

2,4,6-Tribromophenol

Concen: 102.01 ng

RT: 10.30 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF081280.D

Acq: 29 Aug 2015 19:54

Instrument :

BNA_F

ClientSampled :

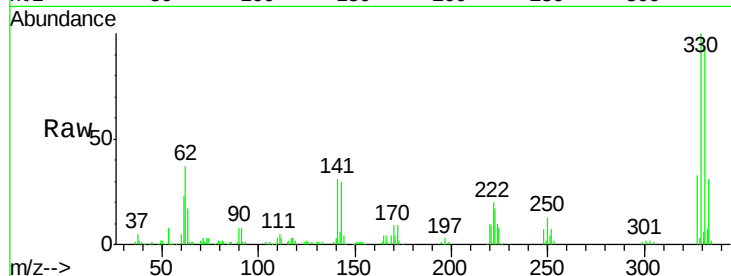
Tot Ion:330 Resp: 101418

Ion Ratio Lower Upper

330 100

332 93.8 77.3 115.9

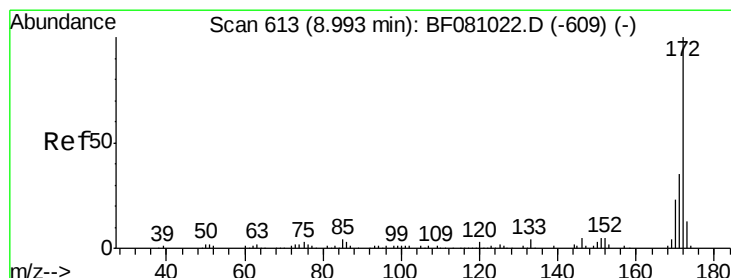
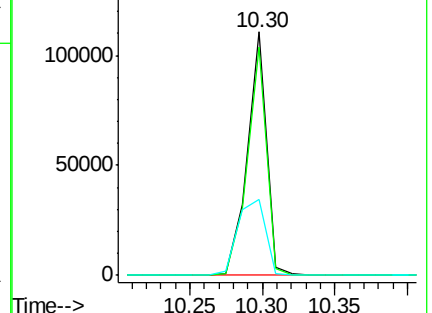
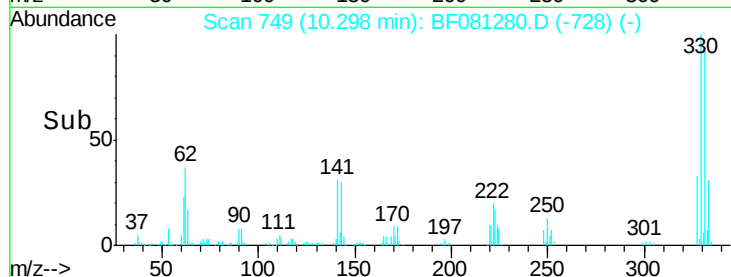
141 45.5 44.9 67.3



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: 72.55 ng

RT: 8.85 min Scan# 622

Delta R.T. -0.06 min

Lab File: BF081280.D

Acq: 29 Aug 2015 19:54

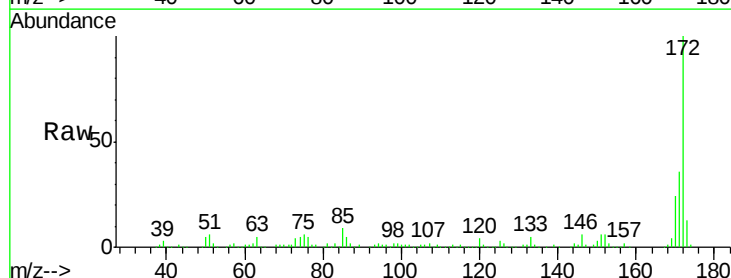
Tgt Ion:172 Resp: 635022

Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

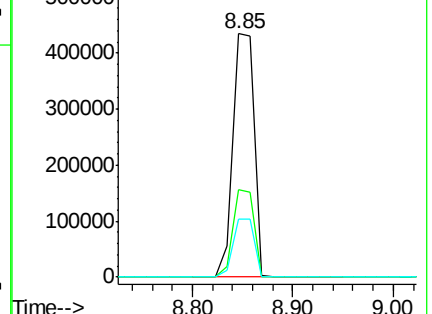
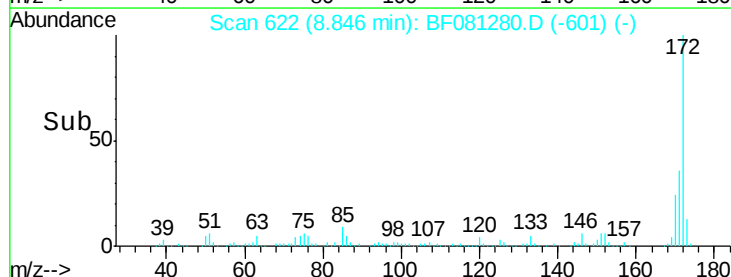
170 24.0 19.4 29.2

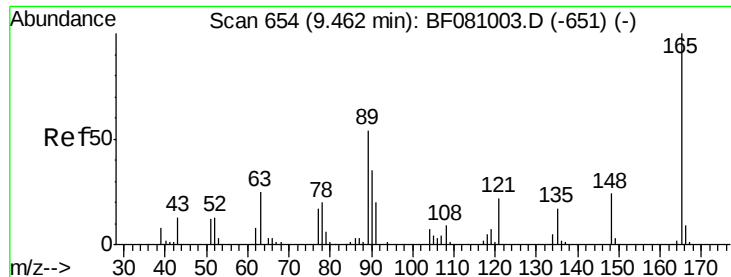


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

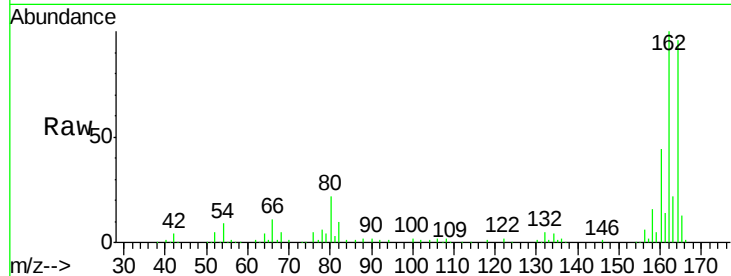




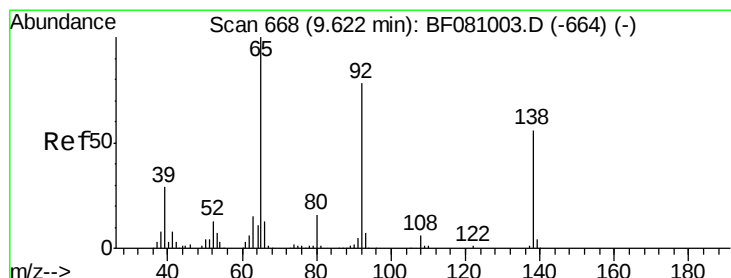
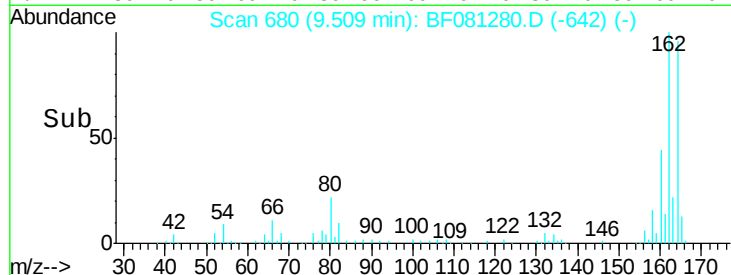
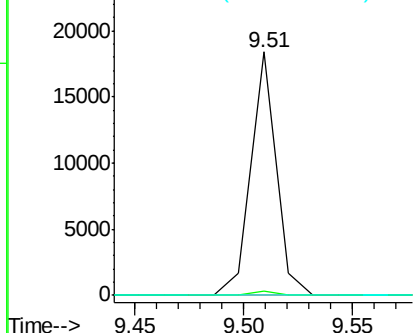
#50
 2,6-Dinitrotoluene
 Concen: 7.37 ng
 RT: 9.51 min Scan# 680
 Delta R.T. 0.14 min
 Lab File: BF081280.D
 Acq: 29 Aug 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	49.5	74.3#
89	0.0	47.6	71.4#

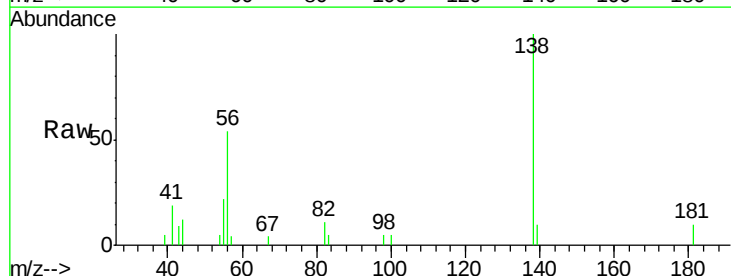


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

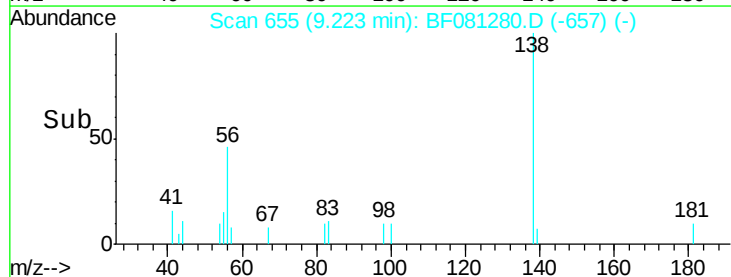
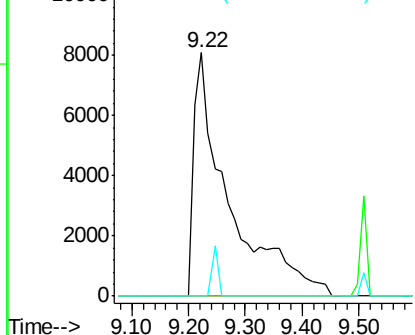


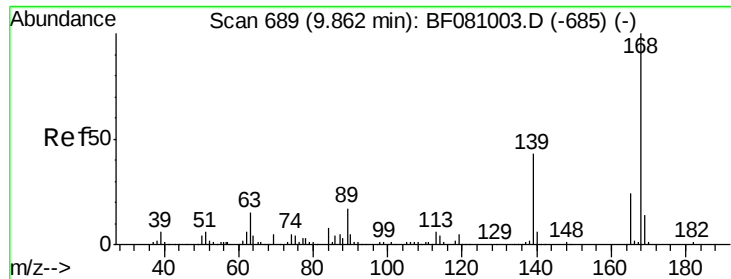
#52
 3-Nitroaniline
 Concen: 13.54 ng
 RT: 9.22 min Scan# 655
 Delta R.T. -0.32 min
 Lab File: BF081280.D
 Acq: 29 Aug 2015 19:54

Tgt Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.4	14.2#
92	0.0	113.2	169.8#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

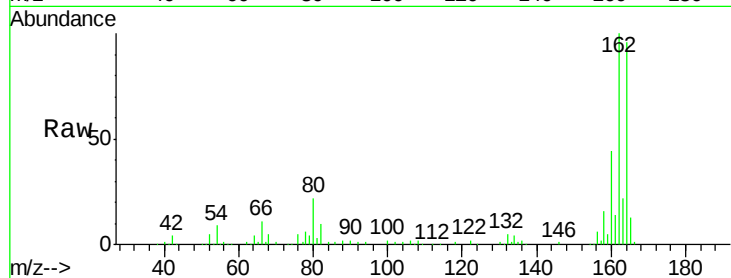




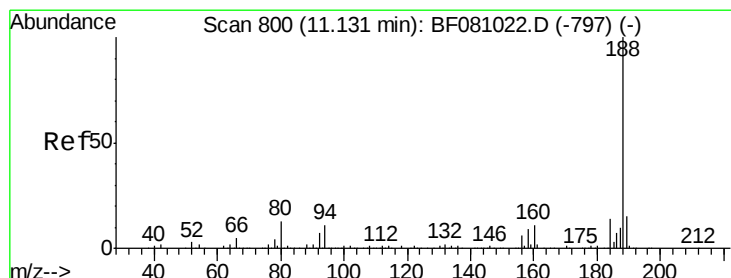
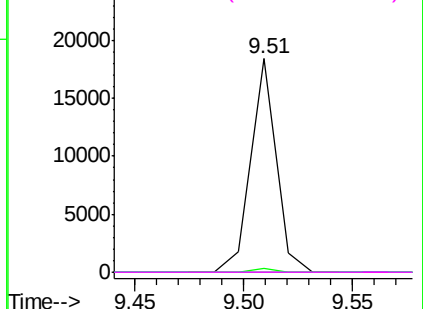
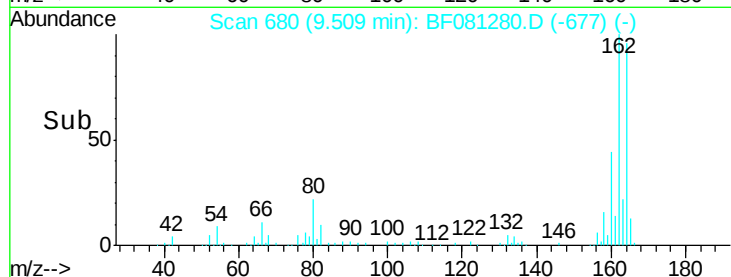
#56
 2,4-Dinitrotoluene
 Concen: 5.56 ng
 RT: 9.51 min Scan# 680
 Delta R.T. -0.26 min
 Lab File: BF081280.D
 Acq: 29 Aug 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 14937
 Ion Ratio Lower Upper
 165 100
 63 1.8 52.2 78.4#
 89 0.0 60.1 90.1#
 182 0.0 1.8 2.6#

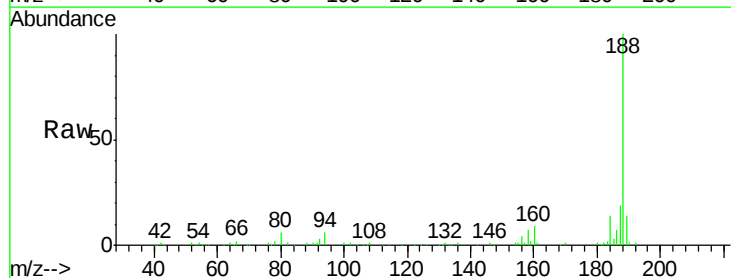


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

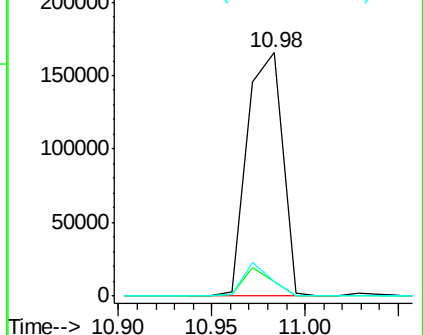
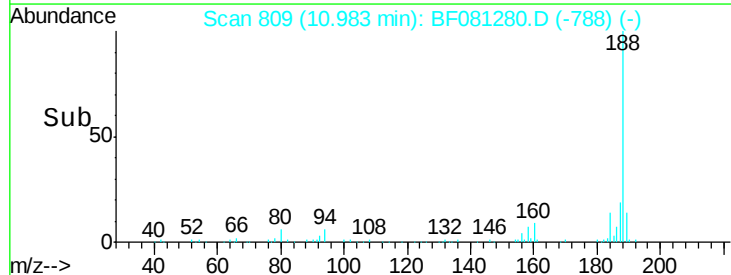


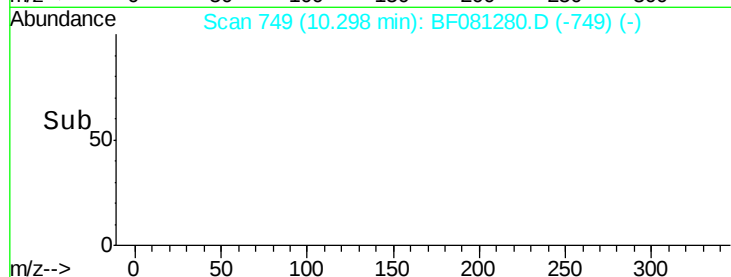
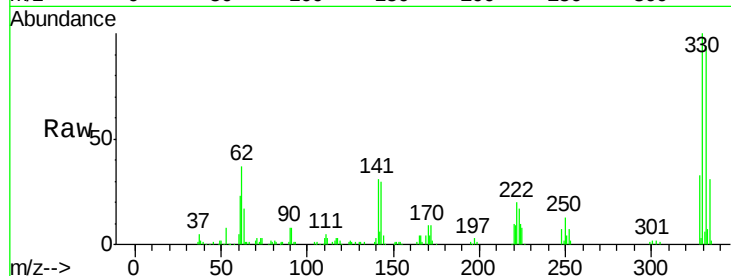
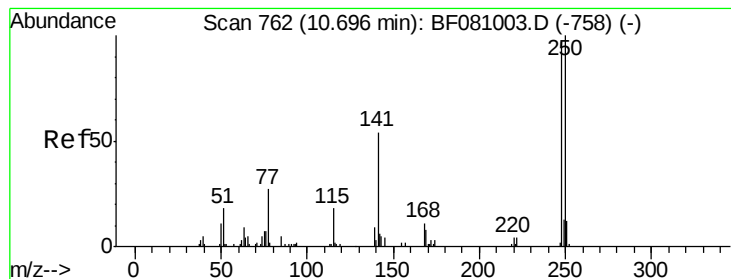
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 809
 Delta R.T. -0.06 min
 Lab File: BF081280.D
 Acq: 29 Aug 2015 19:54

Tgt Ion:188 Resp: 217303
 Ion Ratio Lower Upper
 188 100
 94 5.8 8.2 12.2#
 80 5.9 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: 3.64 ng

RT: 10.30 min Scan# 749

Delta R.T. -0.30 min

Lab File: BF081280.D

Acq: 29 Aug 2015 19:54

Instrument :

BNA_F

ClientSampleId :

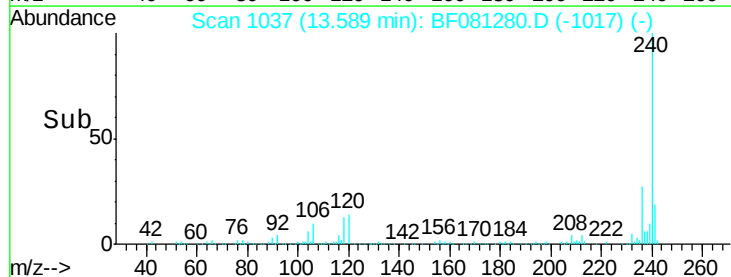
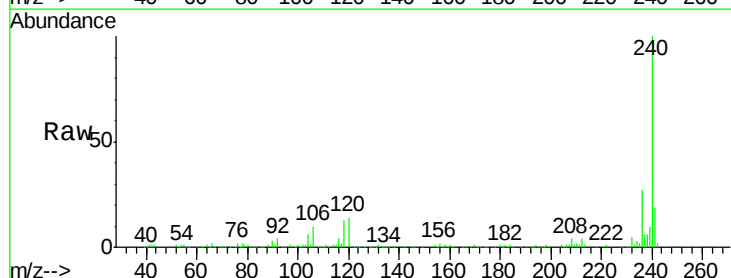
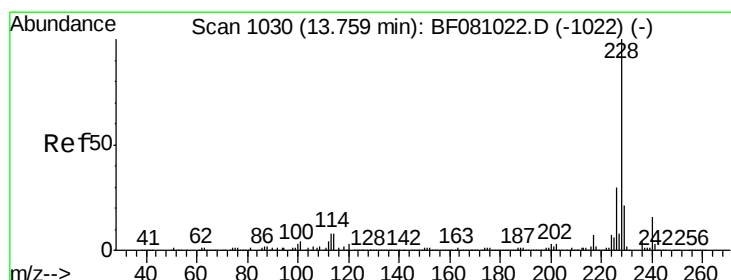
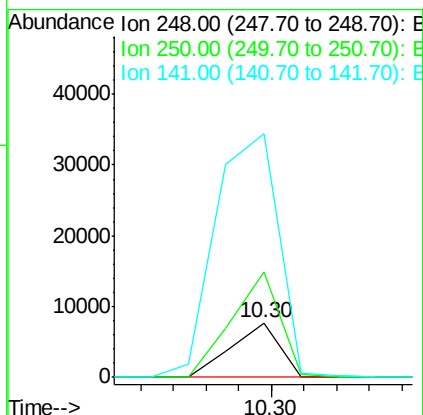
Tot Ion:248 Resp: 7770

Ion Ratio Lower Upper

248 100

250 193.2 77.8 116.6#

141 445.8 39.8 59.6#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1037

Delta R.T. -0.07 min

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Acq: 29 Aug 2015 19:54

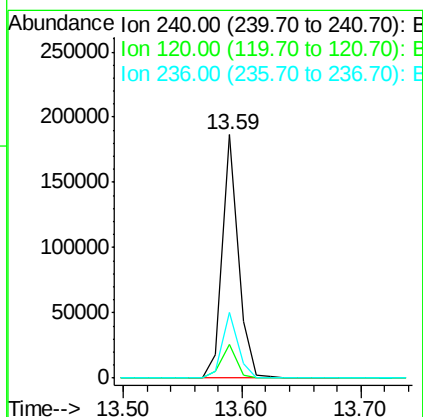
Tgt Ion:240 Resp: 173411

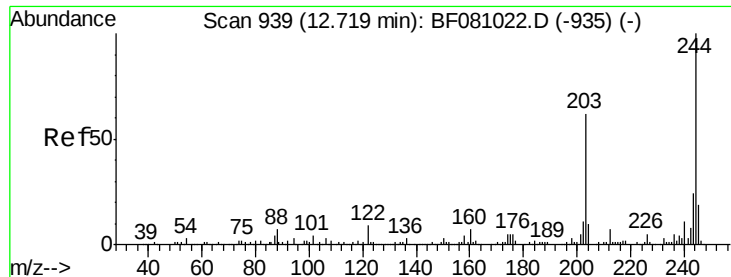
Ion Ratio Lower Upper

240 100

120 14.0 5.6 8.4#

236 27.2 20.6 30.8

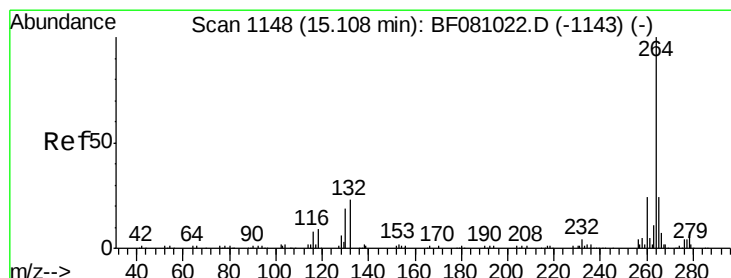
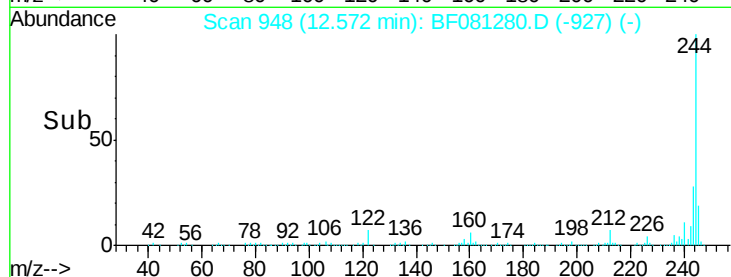
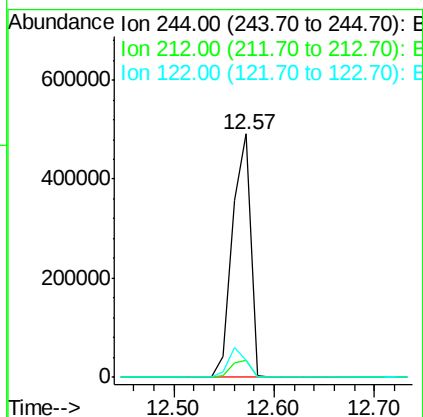
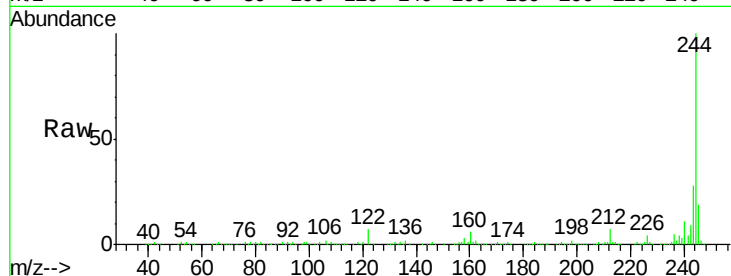




#78
 Terphenyl-d14
 Concen: 76.01 ng
 RT: 12.57 min Scan# 948
 Delta R.T. -0.06 min
 Lab File: BF081280.D
 Acq: 29 Aug 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 614835
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 7.2 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 1153
 Delta R.T. -0.07 min
 Lab File: BF081280.D
 Acq: 29 Aug 2015 19:54

Tgt Ion:264 Resp: 140978
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.6 29.4
 265 21.3 17.5 26.3

