

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081278.D
 Acq On : 29 Aug 2015 18:52
 Operator : UM/IZ
 Sample : G3467-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:07:19 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

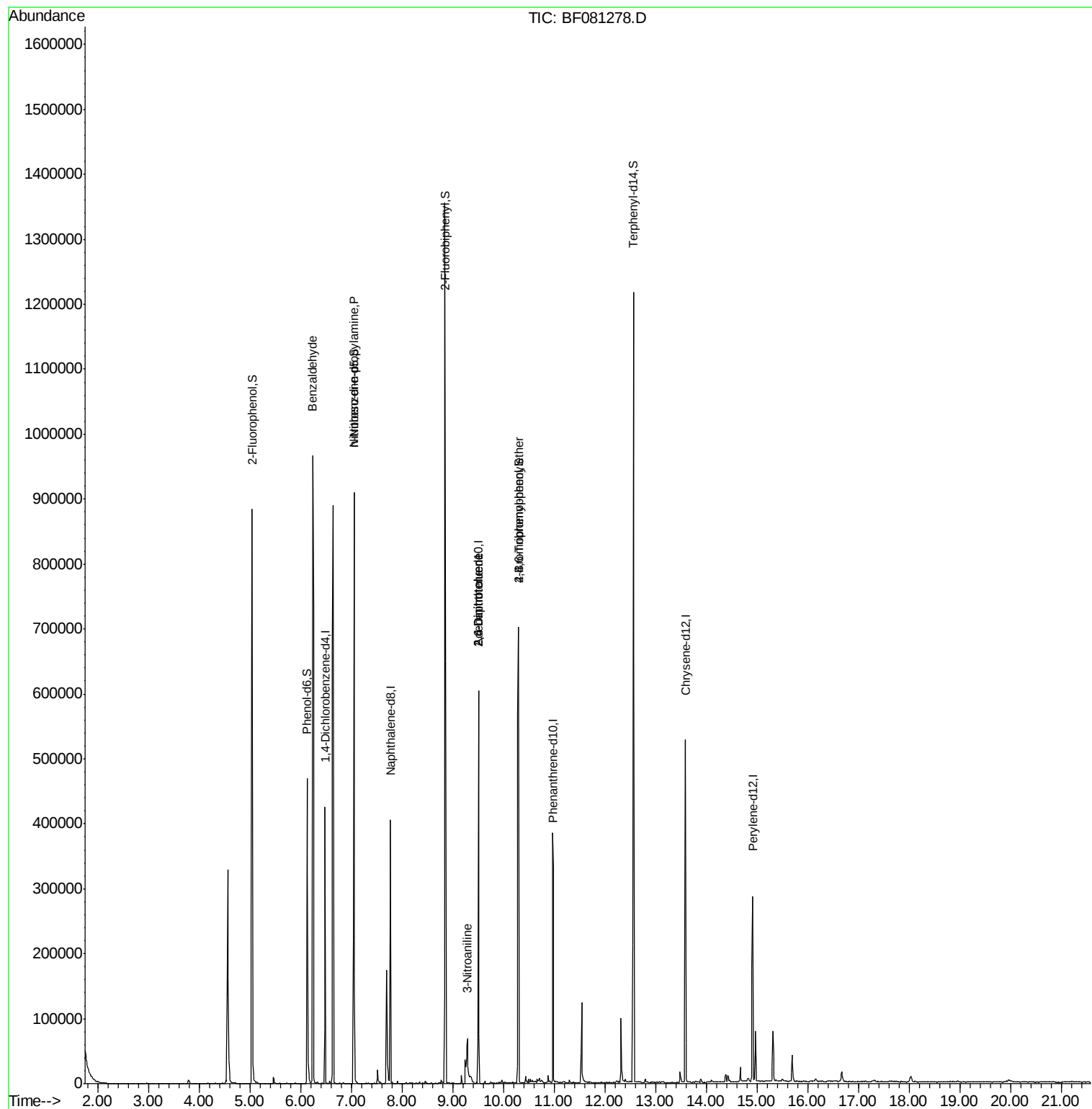
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	58681	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	227193	20.00	ng	-0.06
38) Acenaphthene-d10	9.51	164	104588	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	198333	20.00	ng	-0.06
75) Chrysene-d12	13.59	240	168606	20.00	ng	-0.07
86) Perylene-d12	14.92	264	125841	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	234937	60.22	ng	-0.06
7) Phenol-d6	6.13	99	206613	40.59	ng	-0.07
23) Nitrobenzene-d5	7.05	82	294530	59.22	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	93435	103.06	ng	-0.06
44) 2-Fluorobiphenyl	8.85	172	495851	62.12	ng	-0.06
78) Terphenyl-d14	12.56	244	465592	59.20	ng	-0.07
Target Compounds						Qvalue
9) Benzaldehyde	6.24	77	7848	2.39	ng	# 76
19) n-Nitroso-di-n-propylamine	7.05	70	39157	11.10	ng	# 70
50) 2,6-Dinitrotoluene	9.51	165	12978	7.02	ng	# 22
52) 3-Nitroaniline	9.29	138	64304	27.79	ng	# 1
56) 2,4-Dinitrotoluene	9.51	165	12978	5.29	ng	# 17
66) 4-Bromophenyl-phenylether	10.30	248	7046	3.62	ng	# 1

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

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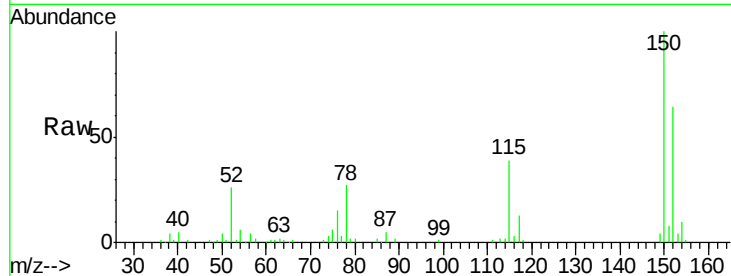


#1

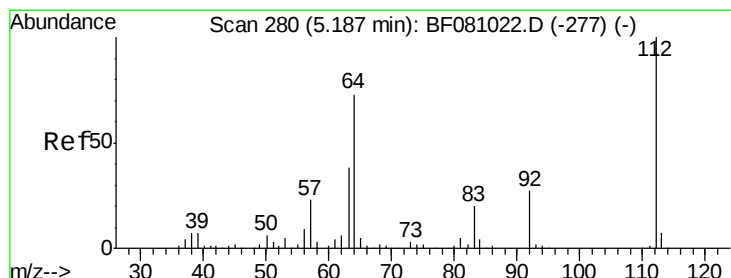
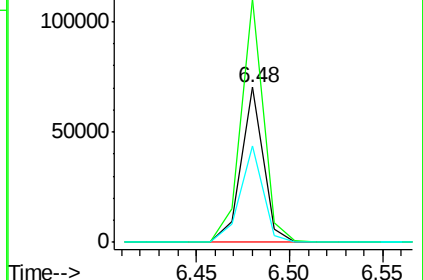
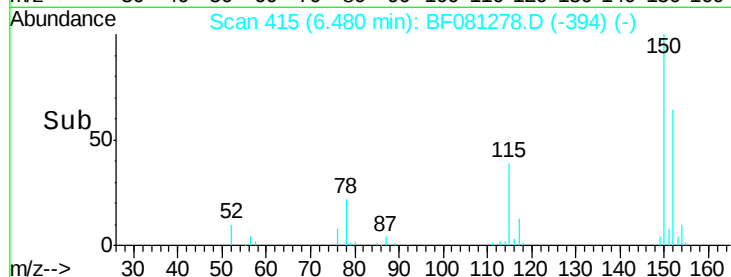
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. -0.06 min
Lab File: BF081278.D
Acq: 29 Aug 2015 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 58681
Ion Ratio Lower Upper
152 100
150 157.0 123.8 185.6
115 61.9 52.1 78.1



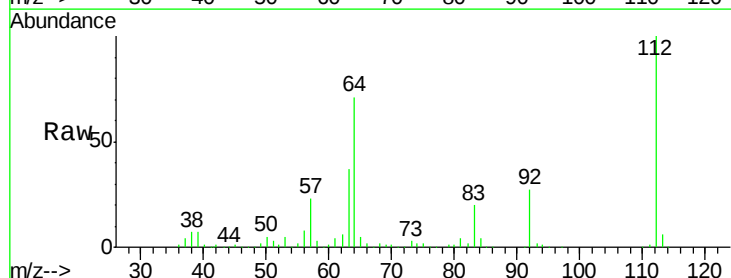
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



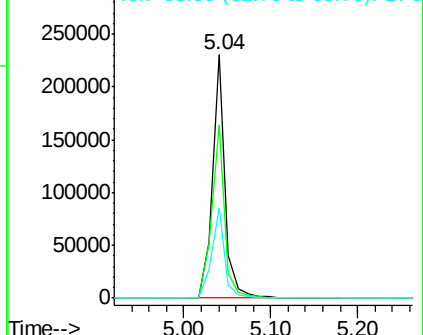
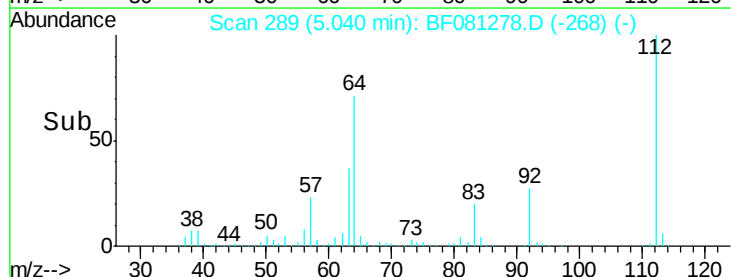
#5

2-Fluorophenol
Concen: 60.22 ng
RT: 5.04 min Scan# 289
Delta R.T. -0.06 min
Lab File: BF081278.D
Acq: 29 Aug 2015 18:52

Tgt Ion:112 Resp: 234937
Ion Ratio Lower Upper
112 100
64 71.1 66.9 100.3
63 36.9 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: 40.59 ng

RT: 6.13 min Scan# 384

Delta R.T. -0.07 min

Lab File: BF081278.D

Acq: 29 Aug 2015 18:52

Instrument :

BNA_F

ClientSampleId :

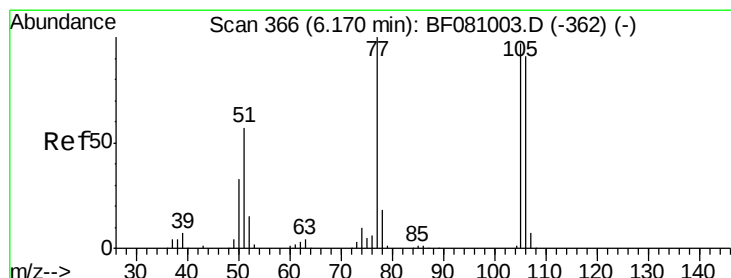
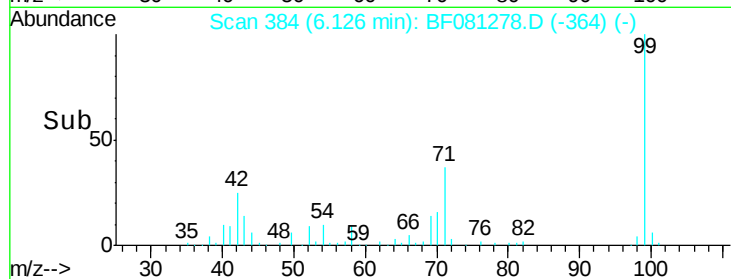
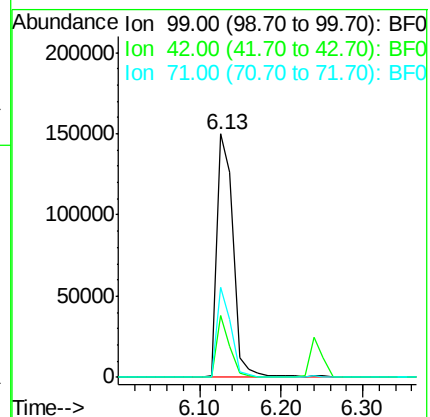
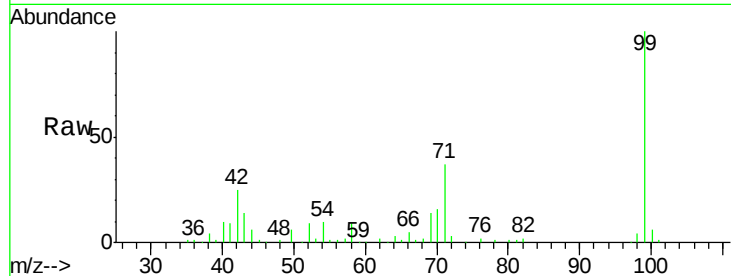
Tot Ion: 99 Resp: 206613

Ion Ratio Lower Upper

99 100

42 25.2 19.6 29.4

71 37.1 31.2 46.8



#9

Benzaldehyde

Concen: 2.39 ng

RT: 6.24 min Scan# 394

Delta R.T. 0.16 min

Lab File: BF081278.D

Acq: 29 Aug 2015 18:52

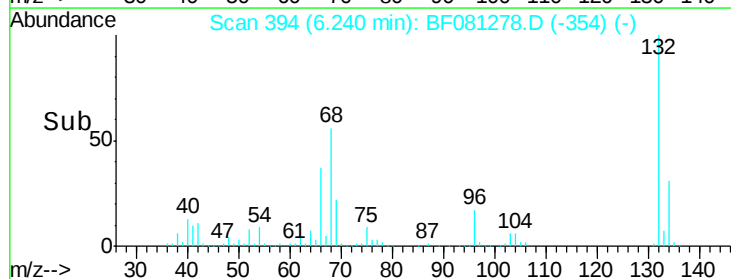
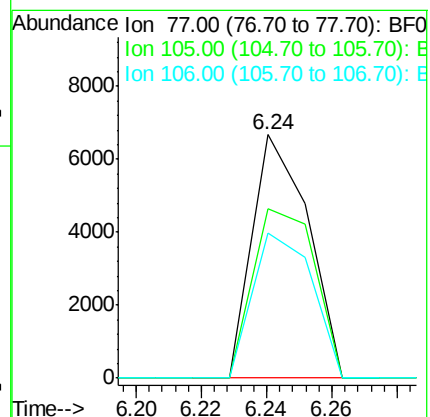
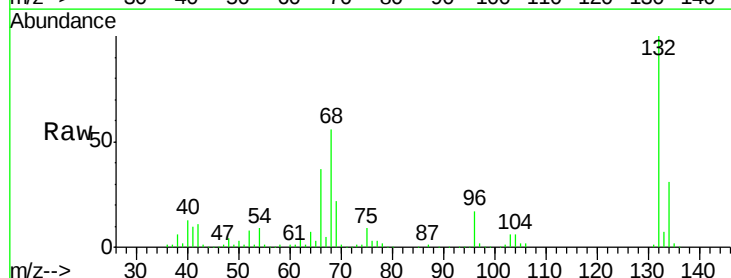
Tgt Ion: 77 Resp: 7848

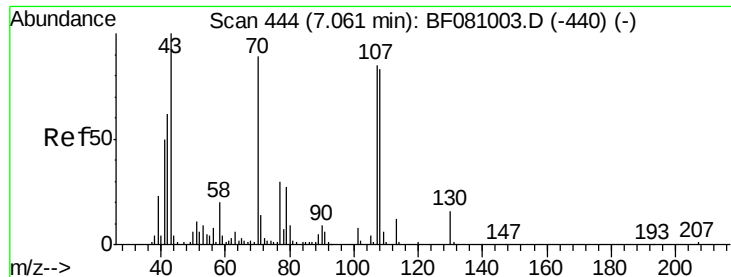
Ion Ratio Lower Upper

77 100

105 69.4 69.6 109.6#

106 59.5 64.0 104.0#

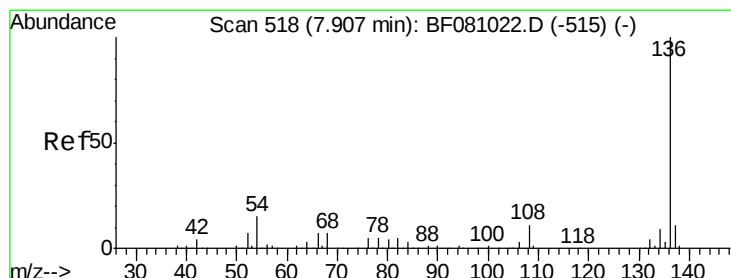
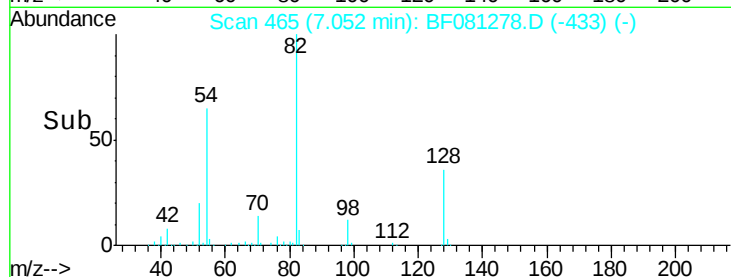
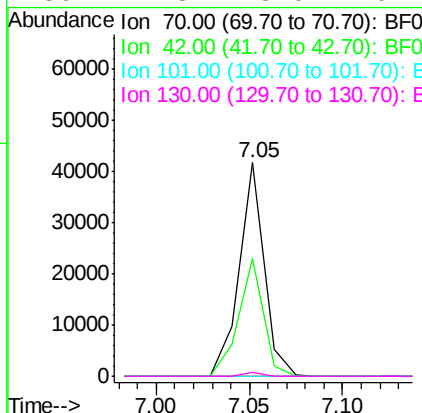
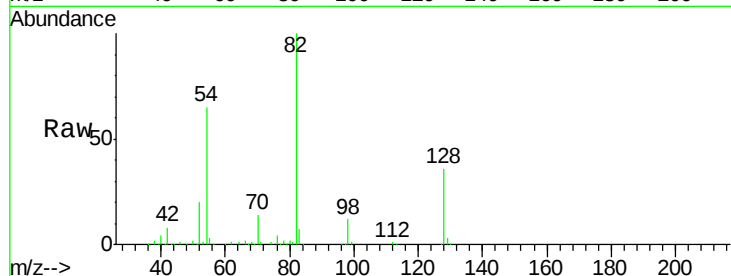




#19
n-Nitroso-di-n-propylamine
Concen: 11.10 ng
RT: 7.05 min Scan# 465
Delta R.T. 0.07 min
Lab File: BF081278.D
Acq: 29 Aug 2015 18:52

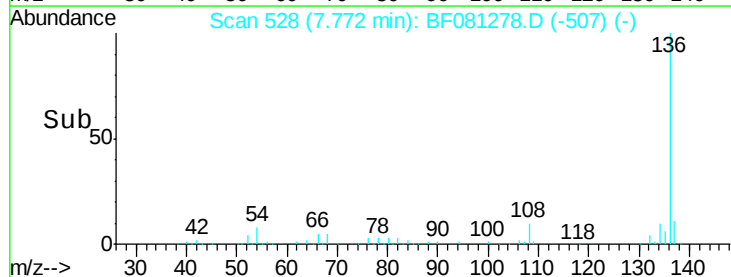
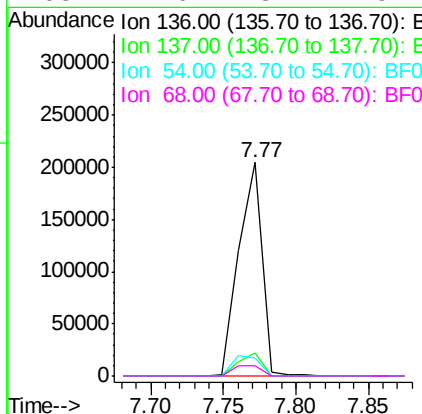
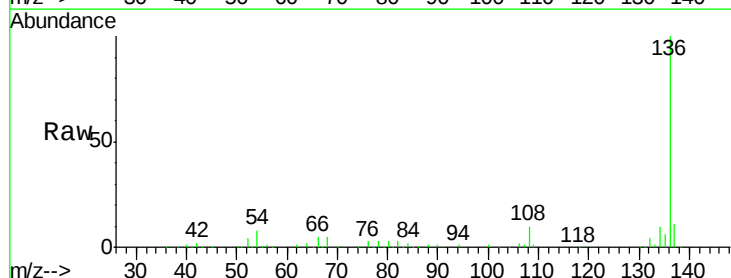
Instrument :
BNA_F
ClientSampleId :

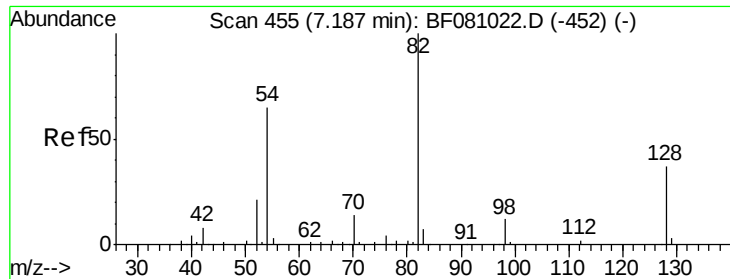
Tot Ion: 70 Resp: 39157
Ion Ratio Lower Upper
70 100
42 55.1 65.0 97.4#
101 0.0 7.4 11.2#
130 1.8 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 528
Delta R.T. -0.06 min
Lab File: BF081278.D
Acq: 29 Aug 2015 18:52

Tgt Ion: 136 Resp: 227193
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 8.3 7.7 11.5
68 4.6 3.4 5.2

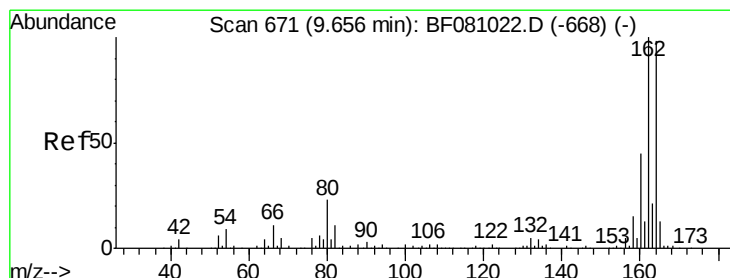
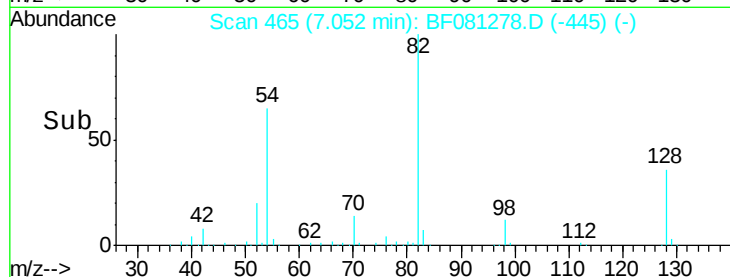
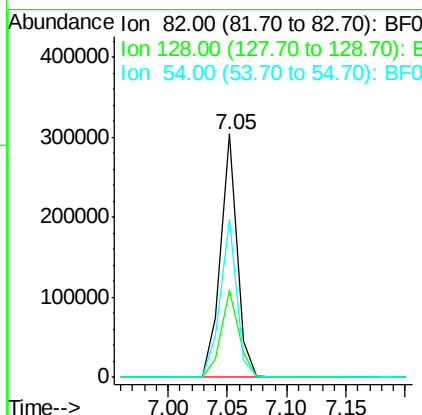
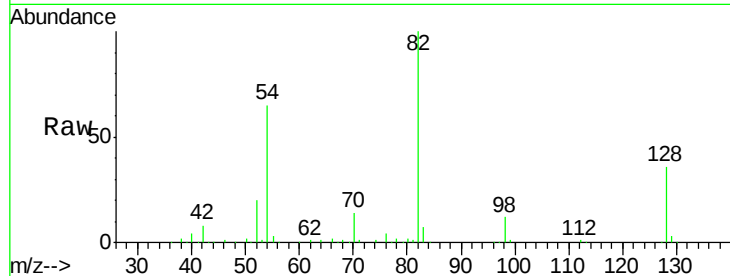




#23
 Nitrobenzene-d5
 Concen: 59.22 ng
 RT: 7.05 min Scan# 465
 Delta R.T. -0.07 min
 Lab File: BF081278.D
 Acq: 29 Aug 2015 18:52

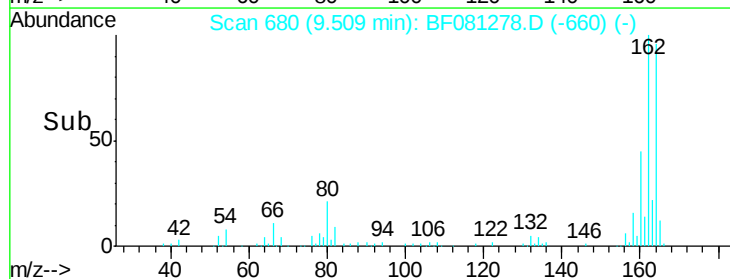
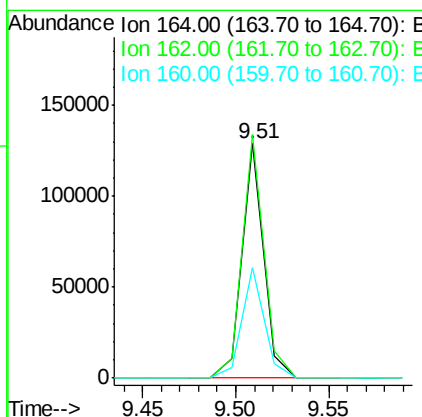
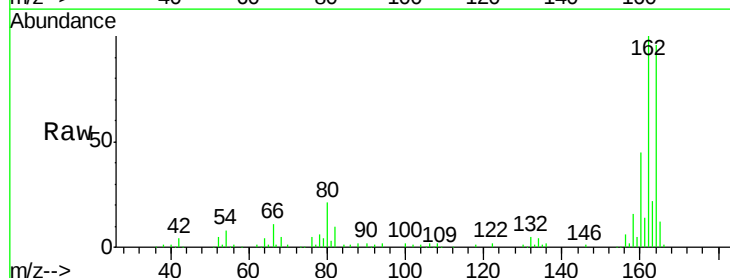
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	294530
Ion Ratio	Lower	Upper	
82	100		
128	36.0	28.6	42.8
54	64.8	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: BF081278.D
 Acq: 29 Aug 2015 18:52

Tgt Ion	164	Resp	104588
Ion Ratio	Lower	Upper	
164	100		
162	103.9	83.8	125.8
160	47.1	39.8	59.8

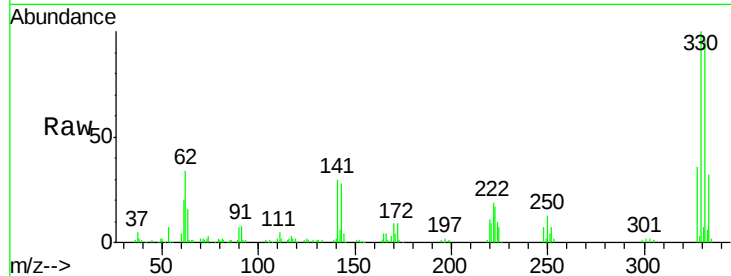




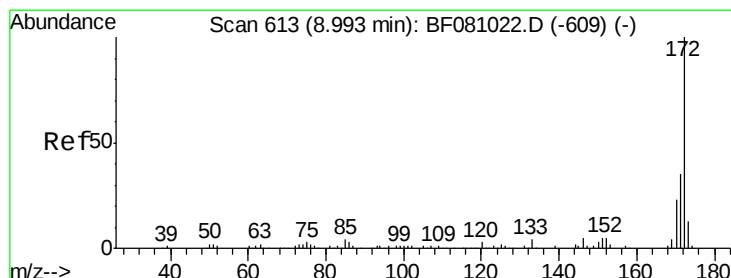
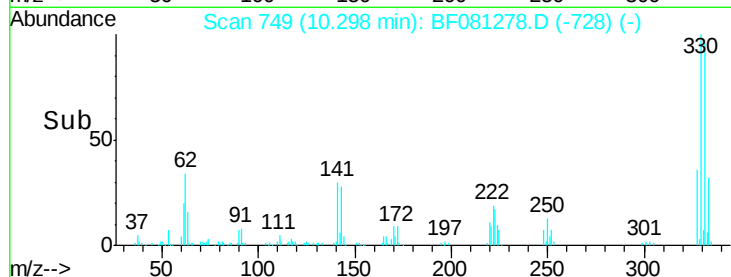
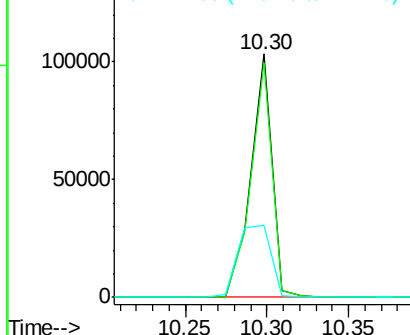
#41
 2,4,6-Tribromophenol
 Concen: 103.06 ng
 RT: 10.30 min Scan# 749
 Delta R.T. -0.06 min
 Lab File: BF081278.D
 Acq: 29 Aug 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	45.6	44.9	67.3

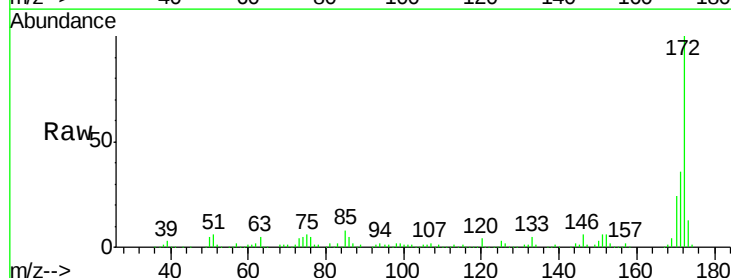


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

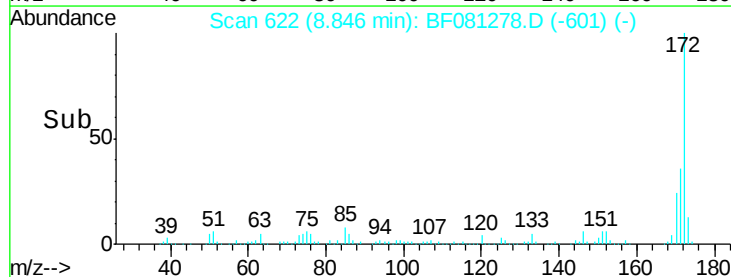
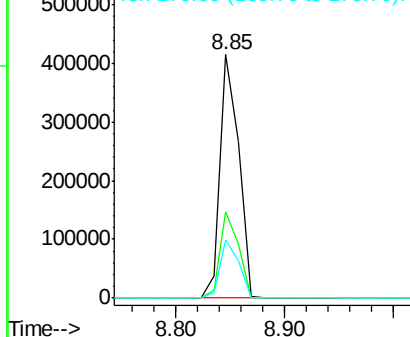


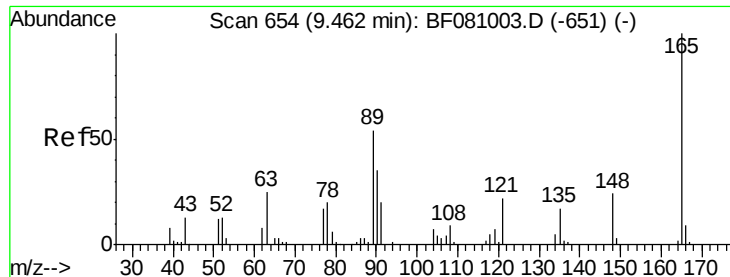
#44
 2-Fluorobiphenyl
 Concen: 62.12 ng
 RT: 8.85 min Scan# 622
 Delta R.T. -0.06 min
 Lab File: BF081278.D
 Acq: 29 Aug 2015 18:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.8	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

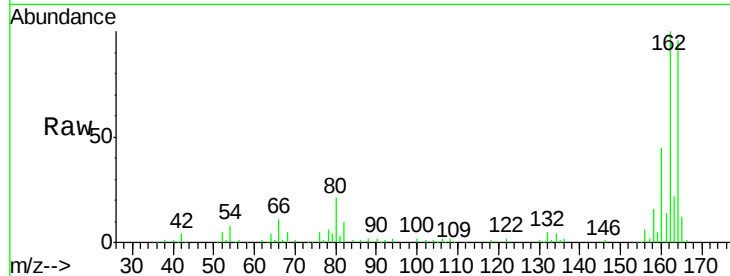




#50
 2,6-Dinitrotoluene
 Concen: 7.02 ng
 RT: 9.51 min Scan# 680
 Delta R.T. 0.14 min
 Lab File: BF081278.D
 Acq: 29 Aug 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :

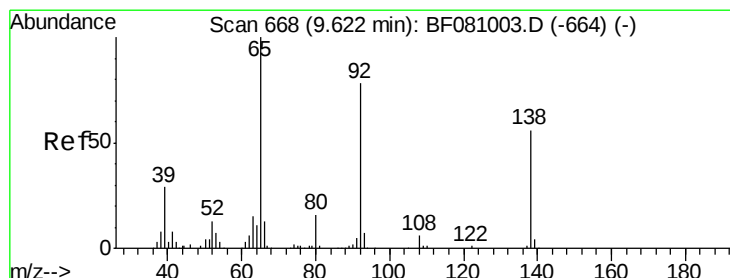
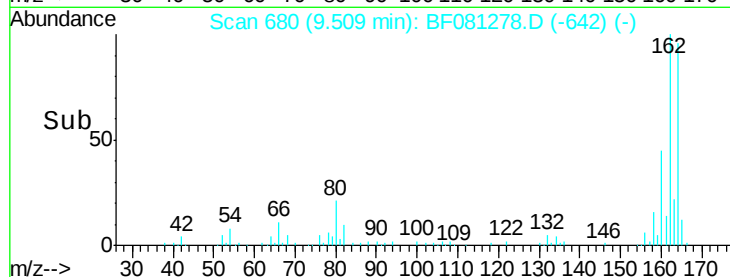
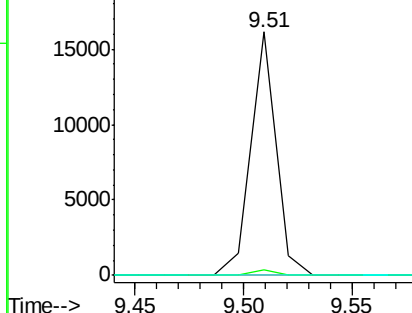
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	49.5	74.3#
89	0.0	47.6	71.4#



Abundance Ion 165.00 (164.70 to 165.70): E

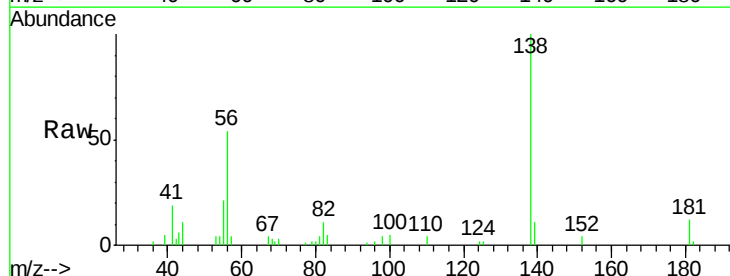
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#52
 3-Nitroaniline
 Concen: 27.79 ng
 RT: 9.29 min Scan# 661
 Delta R.T. -0.25 min
 Lab File: BF081278.D
 Acq: 29 Aug 2015 18:52

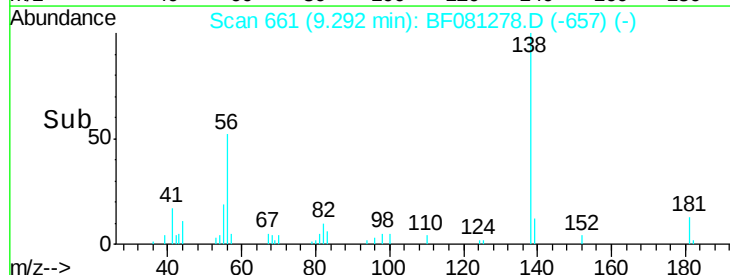
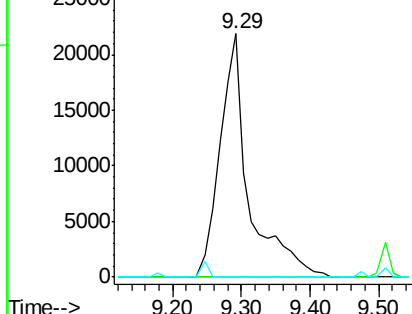
Tgt Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.4	14.2#
92	0.0	113.2	169.8#

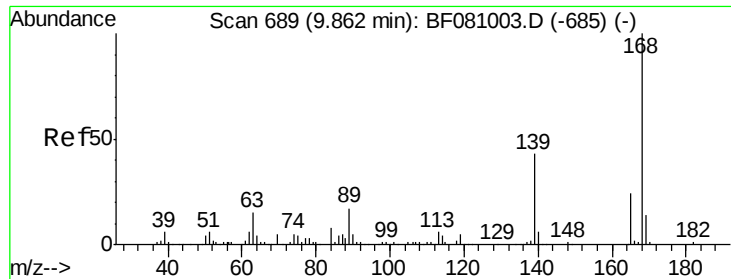


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

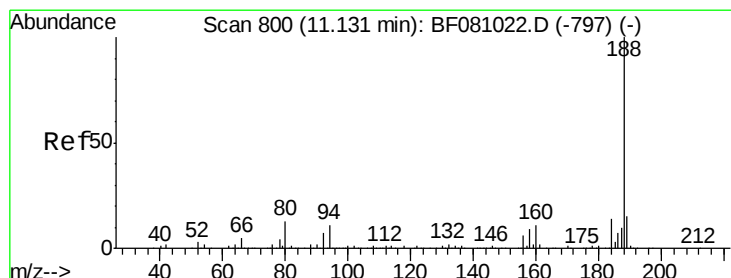
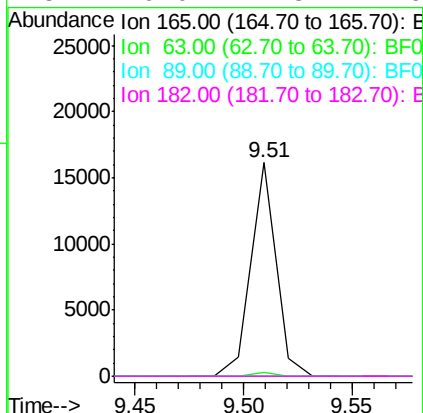
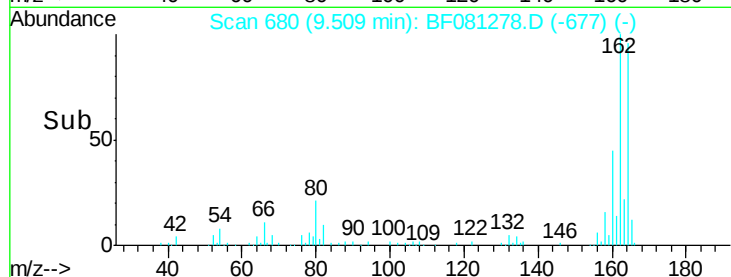
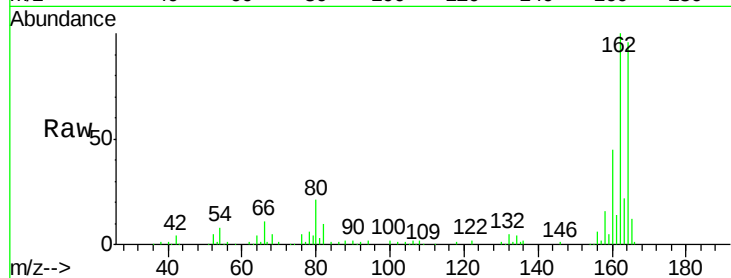




#56
2,4-Dinitrotoluene
Concen: 5.29 ng
RT: 9.51 min Scan# 680
Delta R.T. -0.26 min
Lab File: BF081278.D
Acq: 29 Aug 2015 18:52

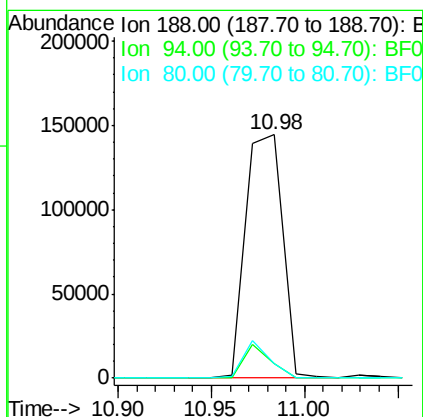
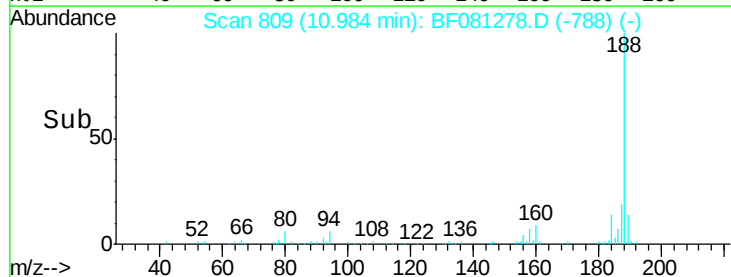
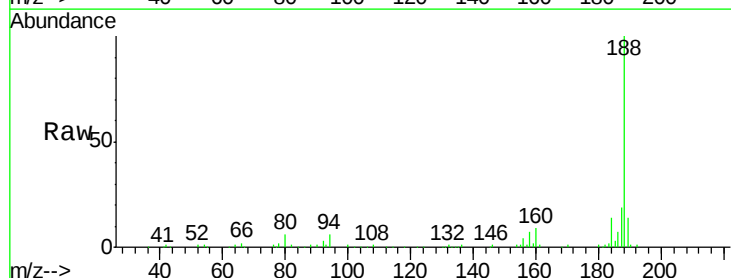
Instrument :
BNA_F
ClientSampled :

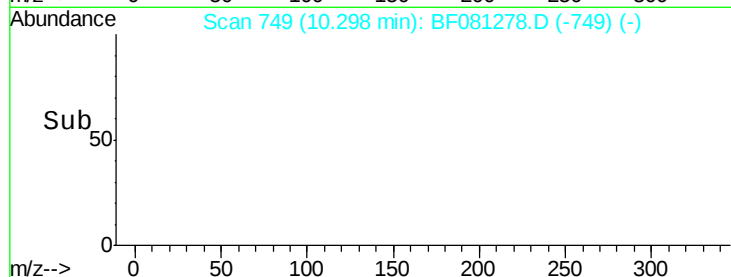
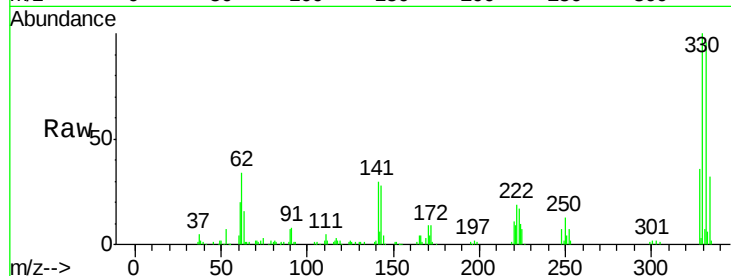
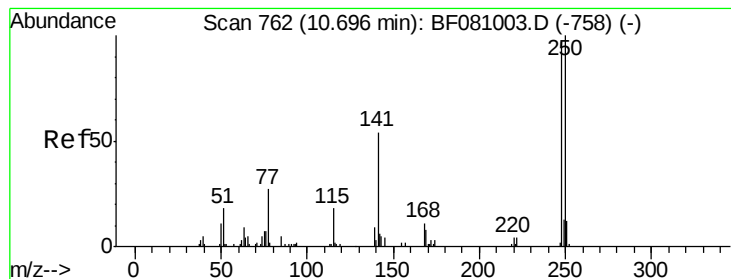
Tot Ion:165 Resp: 12978
Ion Ratio Lower Upper
165 100
63 2.0 52.2 78.4#
89 0.0 60.1 90.1#
182 0.0 1.8 2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 809
Delta R.T. -0.06 min
Lab File: BF081278.D
Acq: 29 Aug 2015 18:52

Tgt Ion:188 Resp: 198333
Ion Ratio Lower Upper
188 100
94 5.8 8.2 12.2#
80 6.2 9.5 14.3#





#66

4-Bromophenyl-phenylether

Concen: 3.62 ng

RT: 10.30 min Scan# 749

Delta R.T. -0.30 min

Lab File: BF081278.D

Acq: 29 Aug 2015 18:52

Instrument :

BNA_F

ClientSampleId :

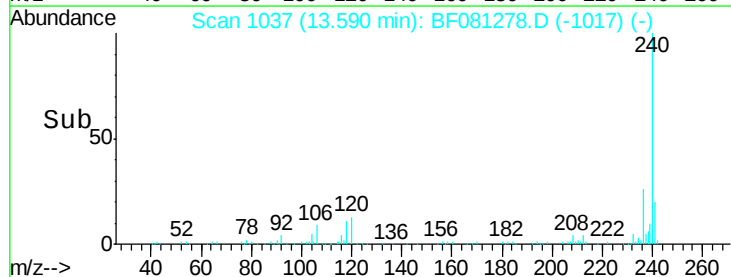
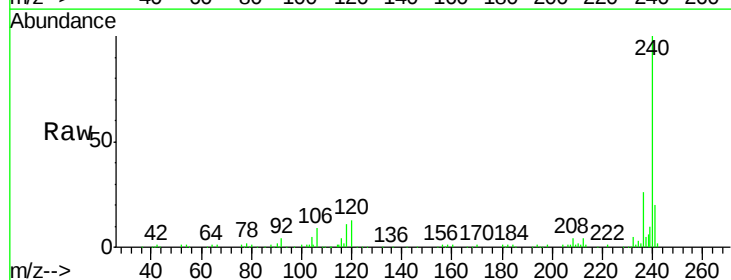
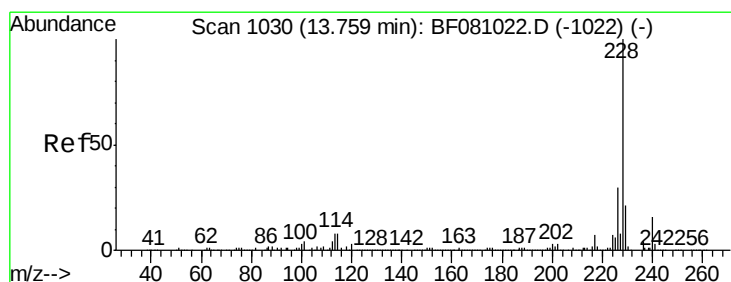
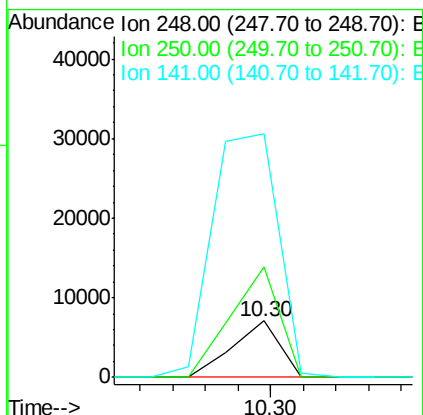
Tot Ion:248 Resp: 7046

Ion Ratio Lower Upper

248 100

250 195.5 77.8 116.6#

141 431.5 39.8 59.6#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1037

Delta R.T. -0.07 min

Lab File: BF081278.D

Acq: 29 Aug 2015 18:52

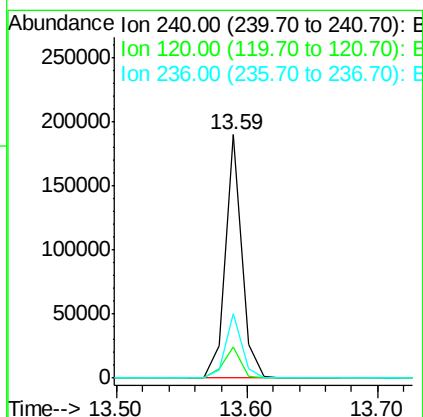
Tgt Ion:240 Resp: 168606

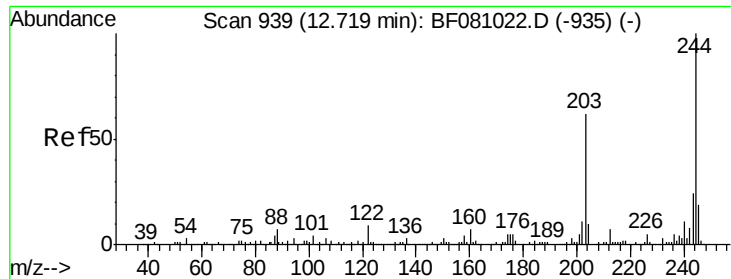
Ion Ratio Lower Upper

240 100

120 12.6 5.6 8.4#

236 26.3 20.6 30.8

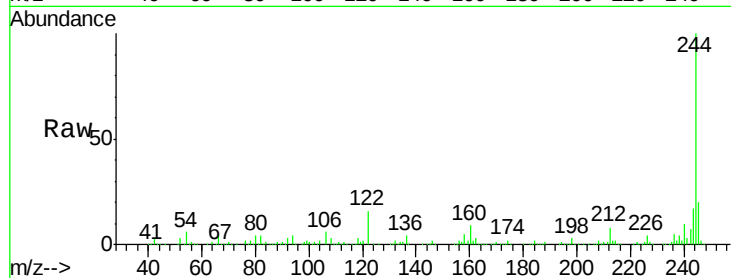




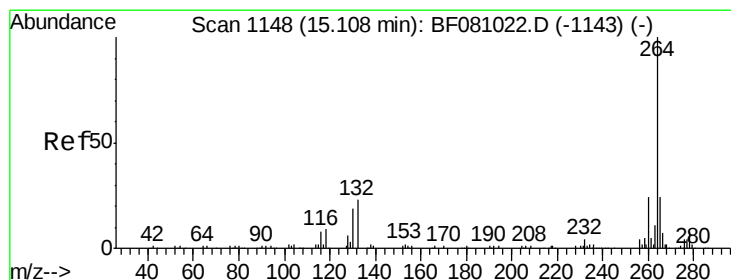
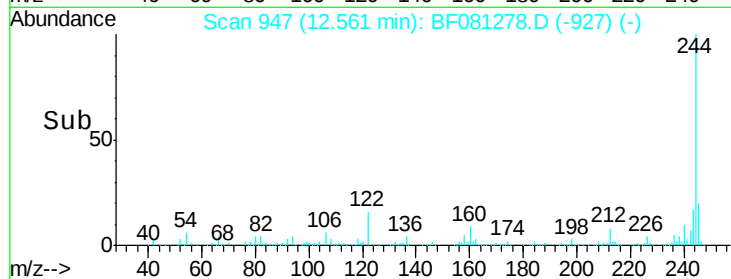
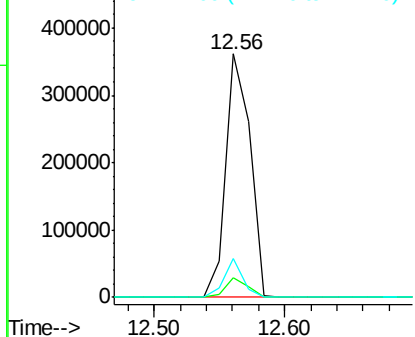
#78
 Terphenyl-d14
 Concen: 59.20 ng
 RT: 12.56 min Scan# 947
 Delta R.T. -0.07 min
 Lab File: BF081278.D
 Acq: 29 Aug 2015 18:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 465592
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 16.1 8.2 12.4#

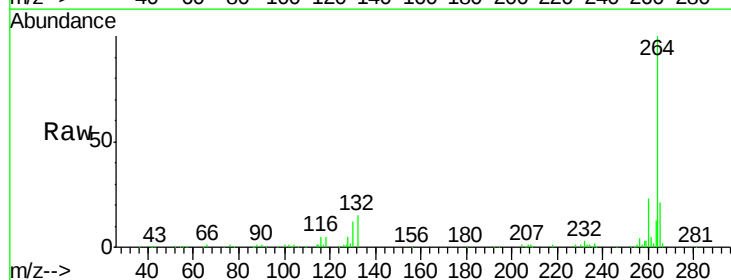


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 1153
 Delta R.T. -0.07 min
 Lab File: BF081278.D
 Acq: 29 Aug 2015 18:52

Tgt Ion:264 Resp: 125841
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 21.4 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

