

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081057.D
 Acq On : 18 Aug 2015 23:01
 Operator : UM/IZ
 Sample : PB85016BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 00:41:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

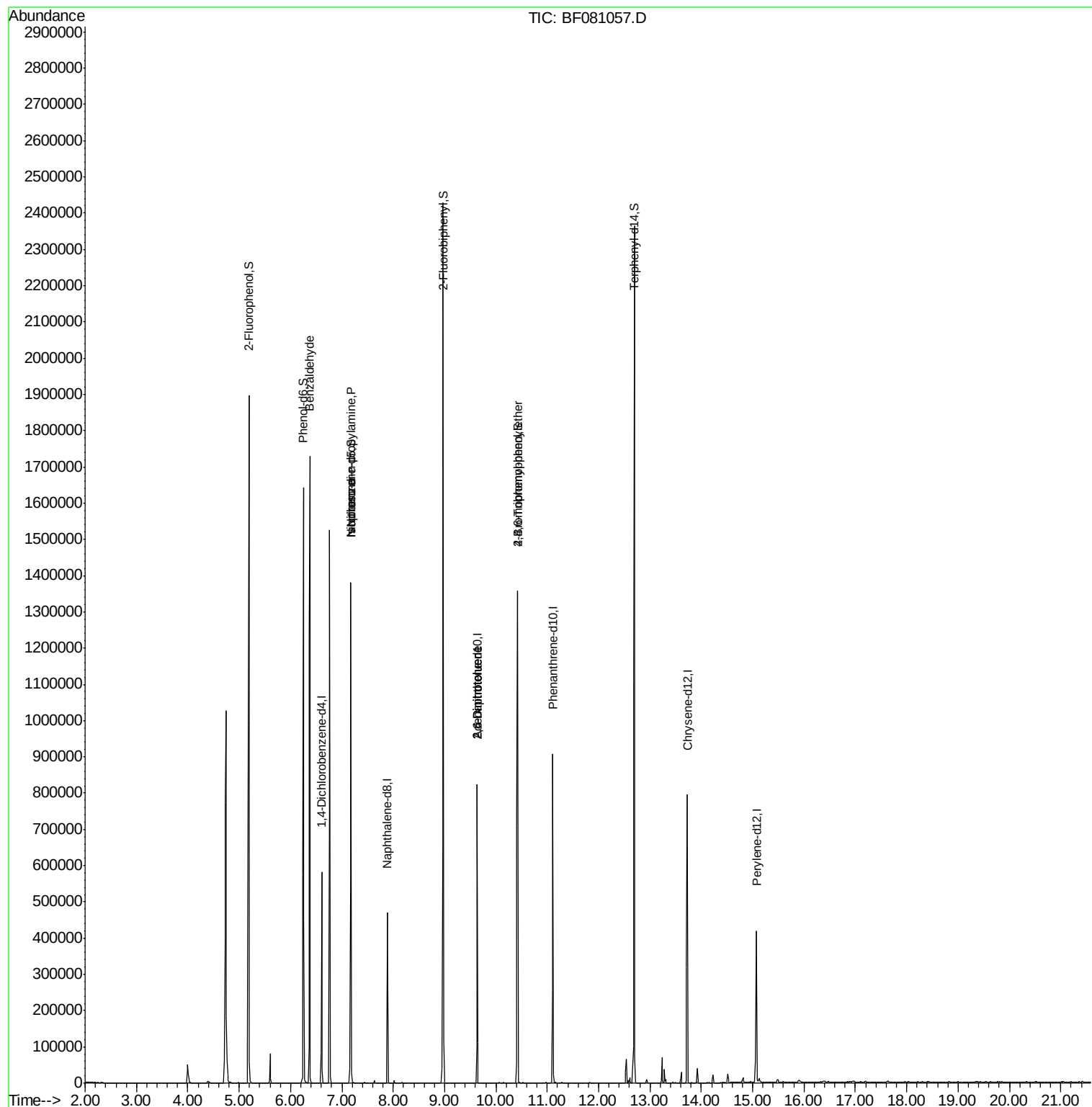
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	74614	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	282949	20.00	ng	-0.02
38) Acenaphthene-d10	9.63	164	148136	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	325502	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	289933	20.00	ng	-0.02
86) Perylene-d12	15.07	264	228872	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	511993	103.21	ng	0.00
7) Phenol-d6	6.25	99	635611	98.20	ng	-0.01
23) Nitrobenzene-d5	7.18	82	463803	74.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	138690	108.01	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	709329	62.74	ng	-0.02
78) Terphenyl-d14	12.70	244	776250	57.40	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.38	77	14408	3.45	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.18	70	63702	14.21	ng	# 68
25) Isophorone	7.18	82	455106	39.40	ng	# 71
50) 2,6-Dinitrotoluene	9.63	165	18720	7.15	ng	# 21
56) 2,4-Dinitrotoluene	9.63	165	18720	5.39	ng	# 17
66) 4-Bromophenyl-phenylether	10.42	248	11237	3.51	ng	# 1

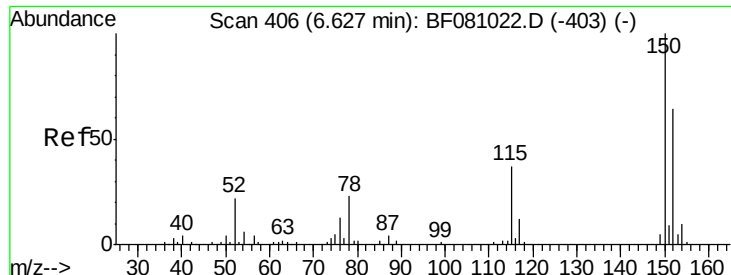
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081057.D

Acq: 18 Aug 2015 23:01

Instrument :

BNA_F

ClientSampleId :

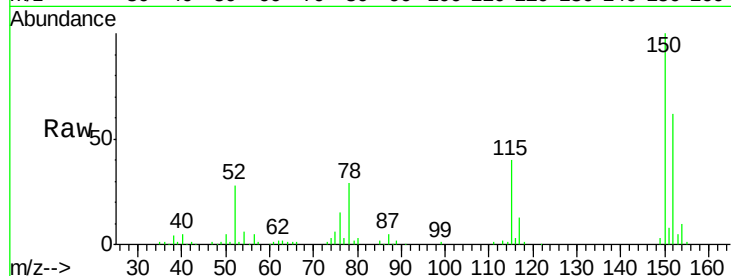
Tot Ion:152 Resp: 74614

Ion Ratio Lower Upper

152 100

150 161.0 123.8 185.6

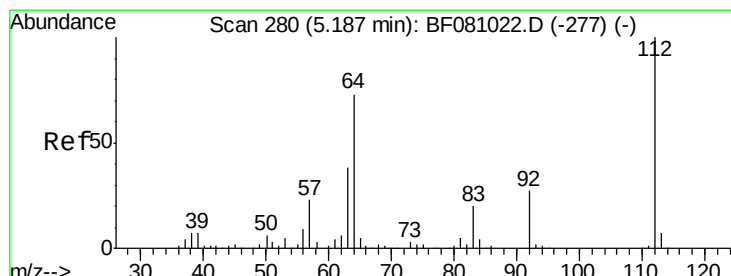
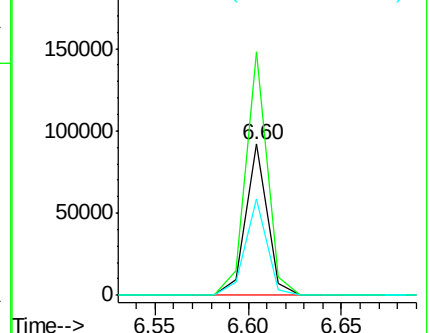
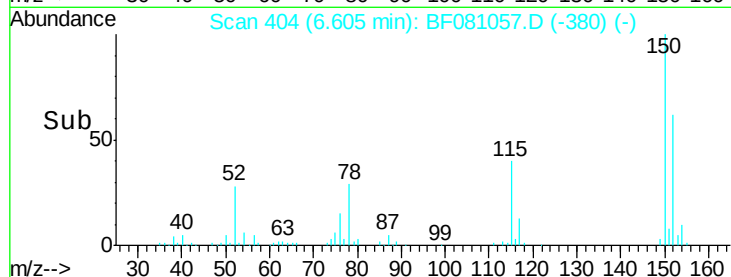
115 64.0 52.1 78.1



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: 103.21 ng

RT: 5.19 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF081057.D

Acq: 18 Aug 2015 23:01

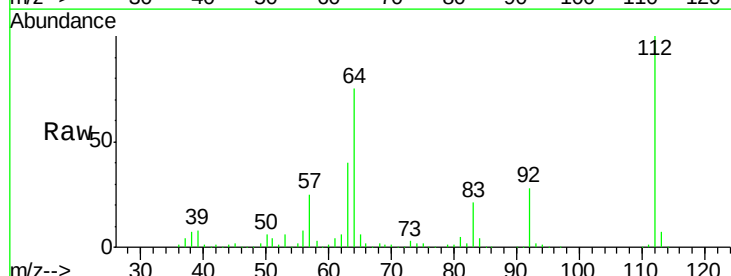
Tgt Ion:112 Resp: 511993

Ion Ratio Lower Upper

112 100

64 75.0 66.9 100.3

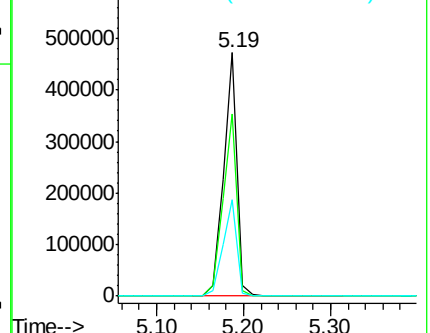
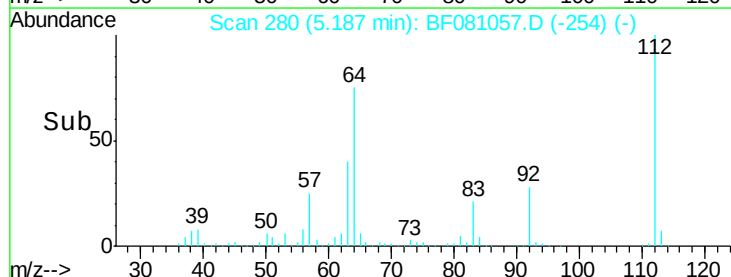
63 39.6 38.1 57.1

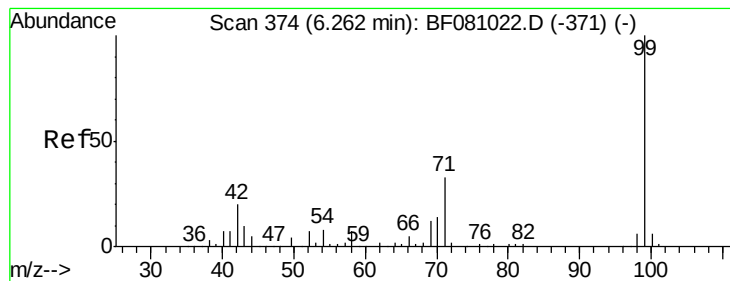


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.20 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081057.D

Acq: 18 Aug 2015 23:01

Instrument :

BNA_F

ClientSampleId :

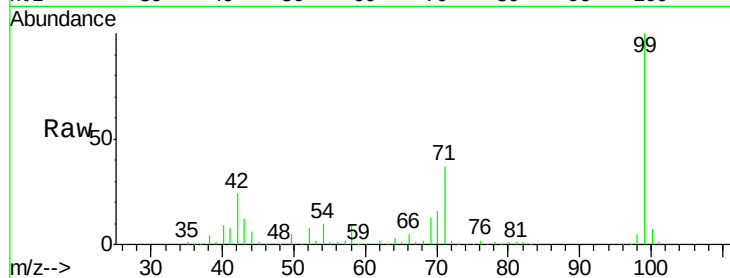
Tot Ion: 99 Resp: 635611

Ion Ratio Lower Upper

99 100

42 23.6 19.6 29.4

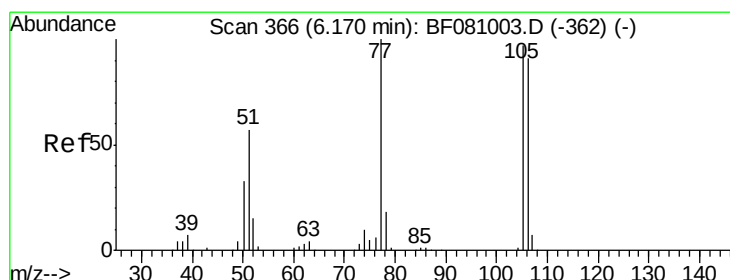
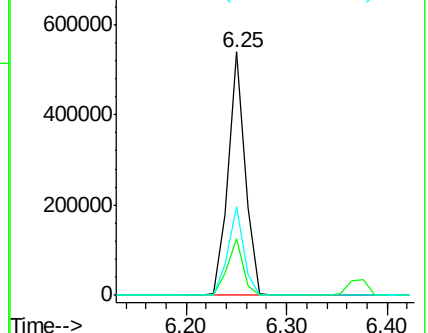
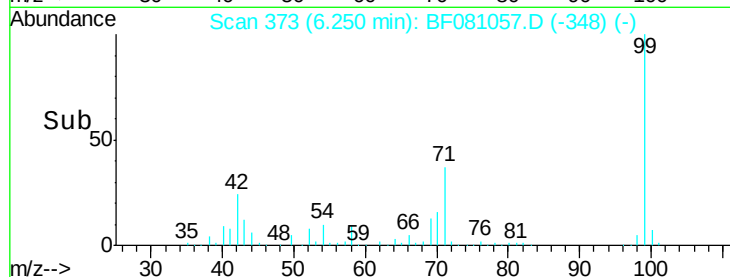
71 36.7 31.2 46.8



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: 3.45 ng

RT: 6.38 min Scan# 384

Delta R.T. 0.22 min

Lab File: BF081057.D

Acq: 18 Aug 2015 23:01

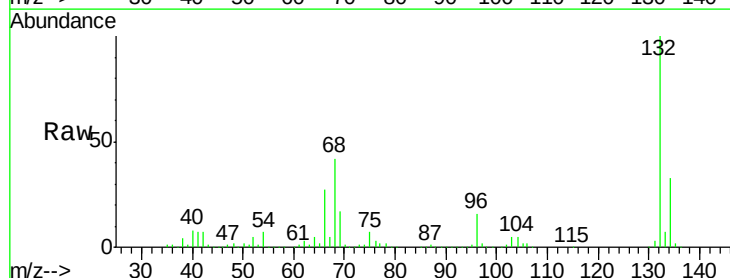
Tgt Ion: 77 Resp: 14408

Ion Ratio Lower Upper

77 100

105 79.7 69.6 109.6

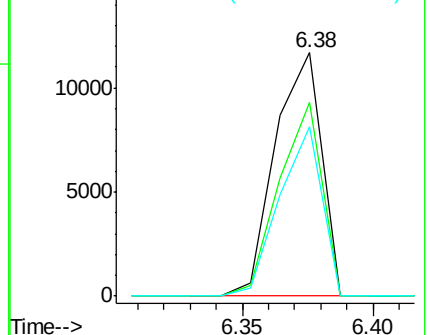
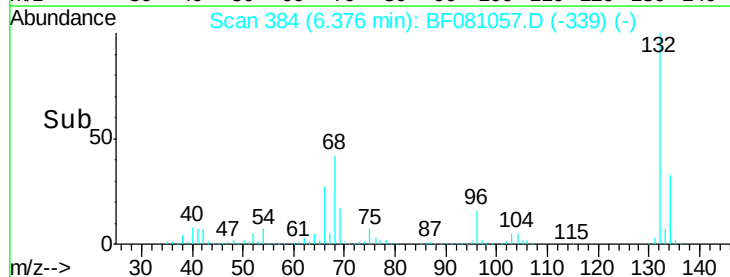
106 69.6 64.0 104.0

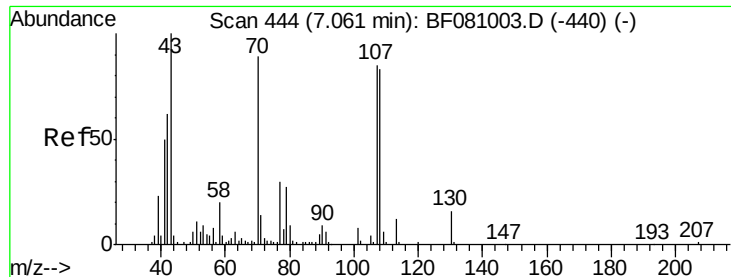


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

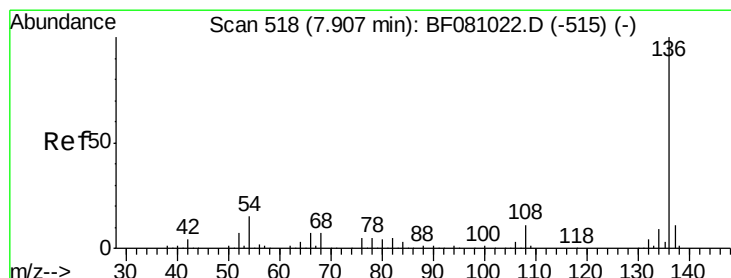
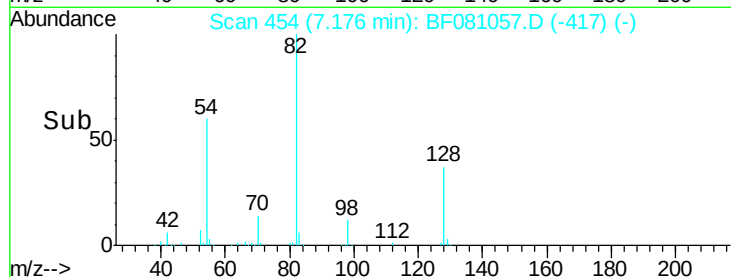
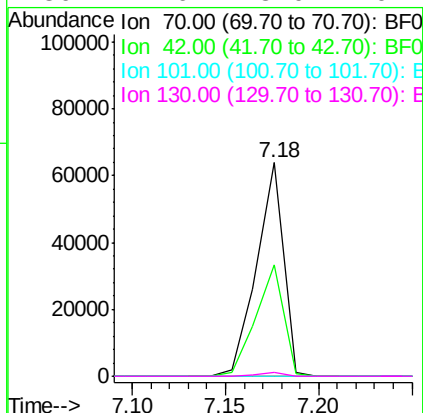
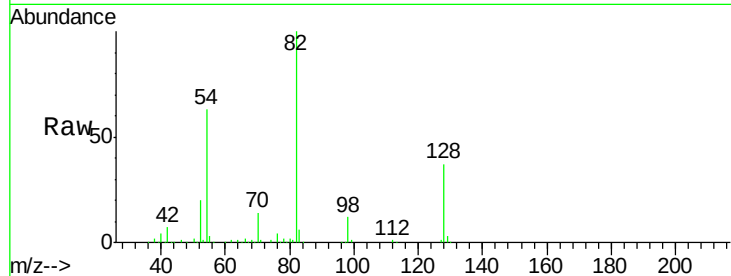




#19
n-Nitroso-di-n-propylamine
Concen: 14.21 ng
RT: 7.18 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF081057.D
Acq: 18 Aug 2015 23:01

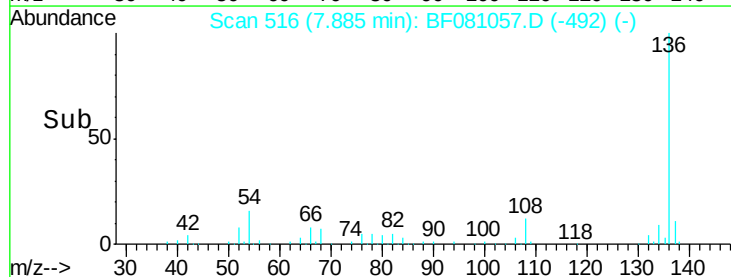
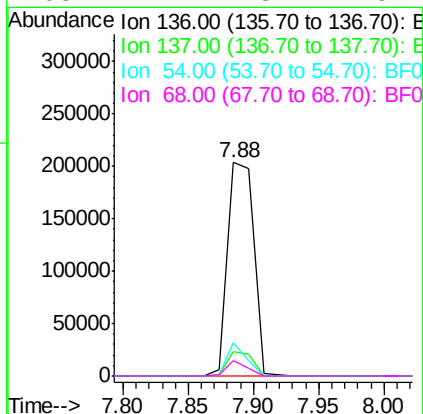
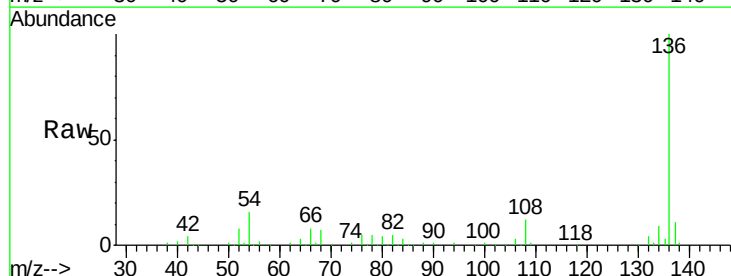
Instrument :
BNA_F
ClientSampled :

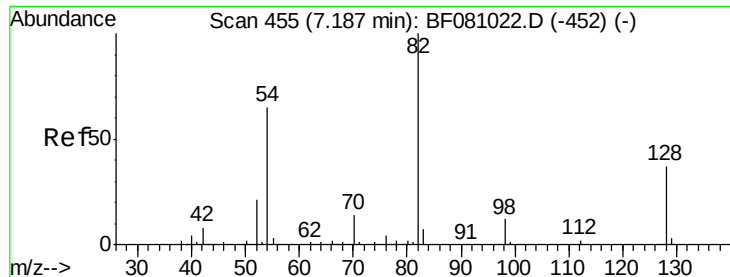
Tot Ion: 70 Resp: 63702
Ion Ratio Lower Upper
70 100
42 52.4 65.0 97.4#
101 0.0 7.4 11.2#
130 1.6 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF081057.D
Acq: 18 Aug 2015 23:01

Tgt Ion: 136 Resp: 282949
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 15.6 7.7 11.5#
68 7.4 3.4 5.2#

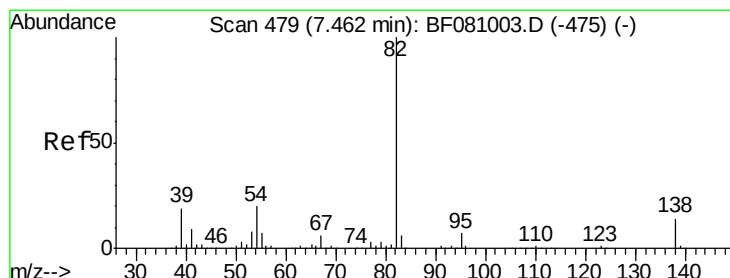
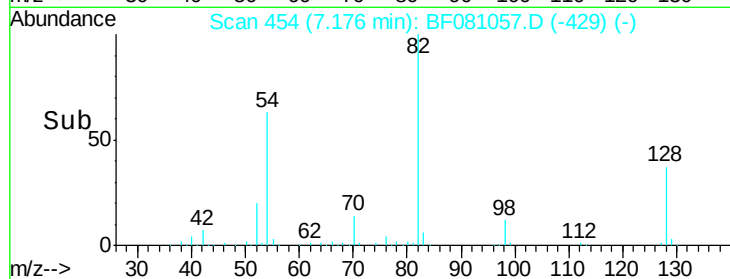
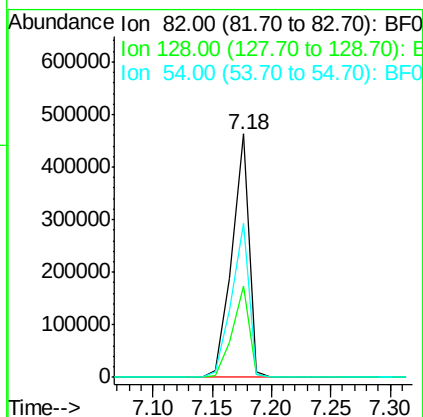
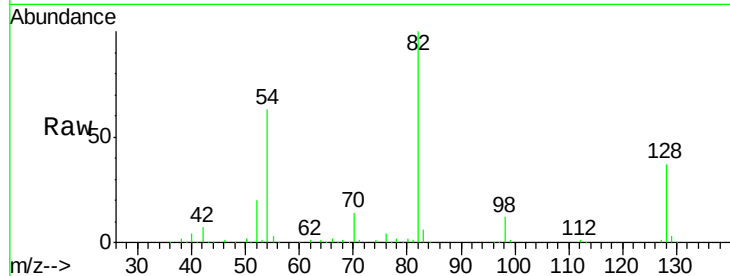




#23
 Nitrobenzene-d5
 Concen: 74.88 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081057.D
 Acq: 18 Aug 2015 23:01

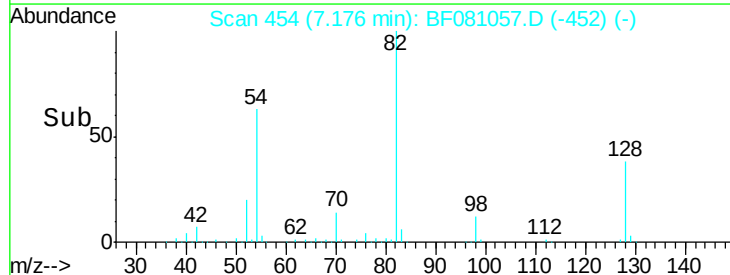
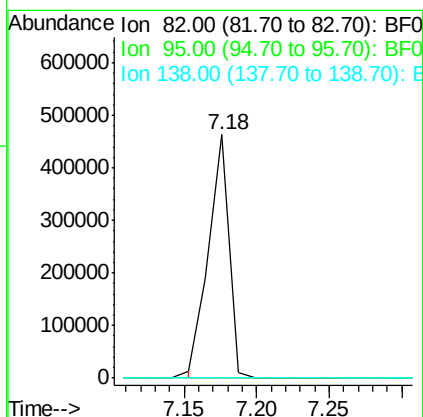
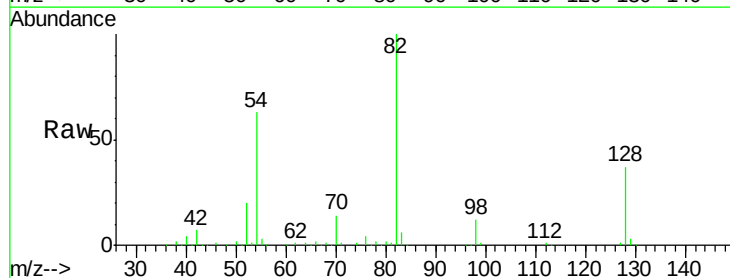
Instrument :
 BNA_F
 ClientSampleId :

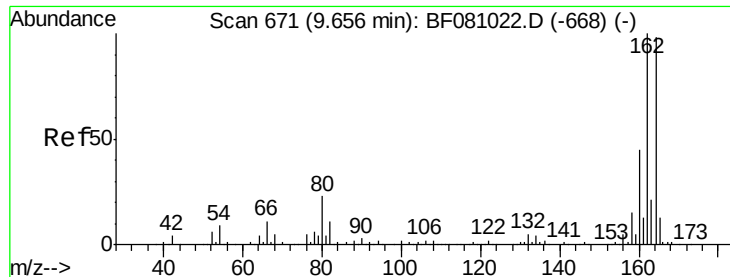
Tot Ion	82	Resp	463803
Ion Ratio	100	Lower	Upper
128	37.4	28.6	42.8
54	63.3	55.1	82.7



#25
 Isophorone
 Concen: 39.40 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.27 min
 Lab File: BF081057.D
 Acq: 18 Aug 2015 23:01

Tgt Ion	82	Resp	455106
Ion Ratio	100	Lower	Upper
95	0.0	6.2	9.2#
138	0.0	10.5	15.7#

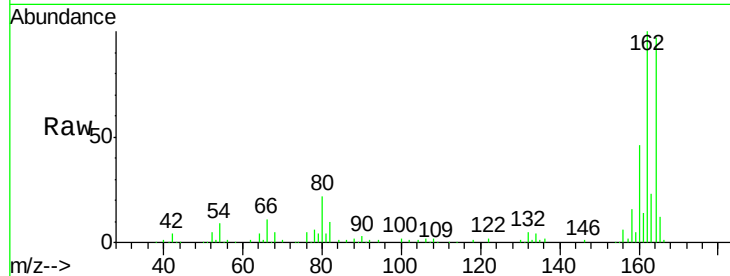




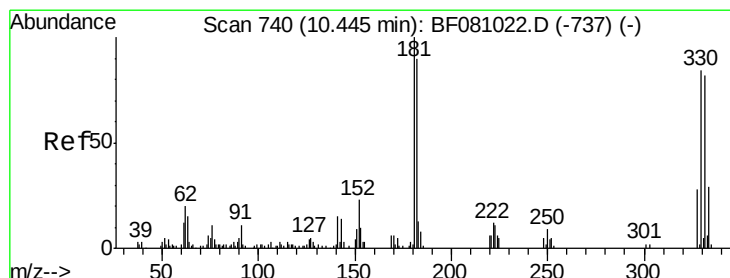
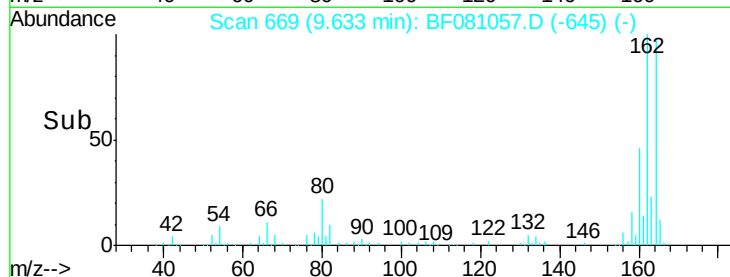
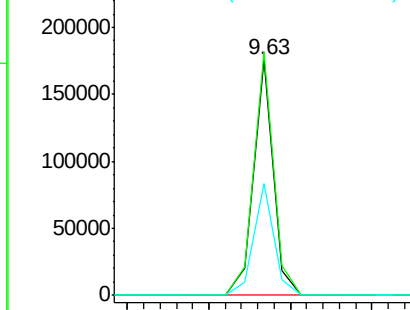
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF081057.D
 Acq: 18 Aug 2015 23:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.8	125.8
160	47.3	39.8	59.8

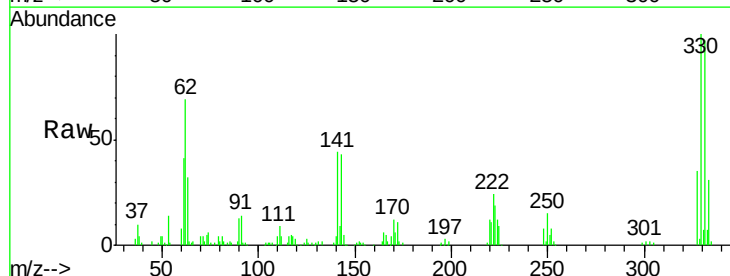


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

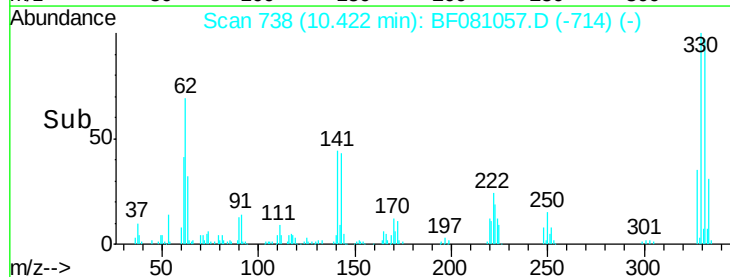
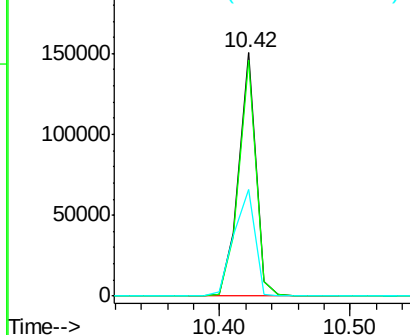


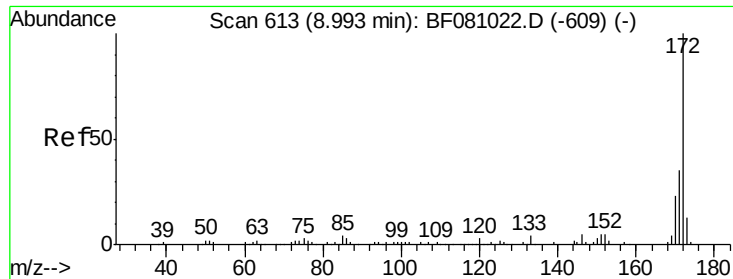
#41
 2,4,6-Tribromophenol
 Concen: 108.01 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF081057.D
 Acq: 18 Aug 2015 23:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	53.2	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

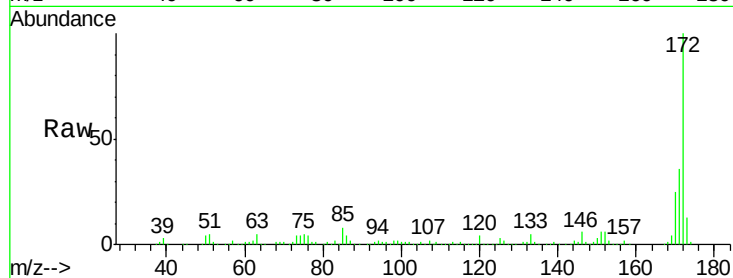




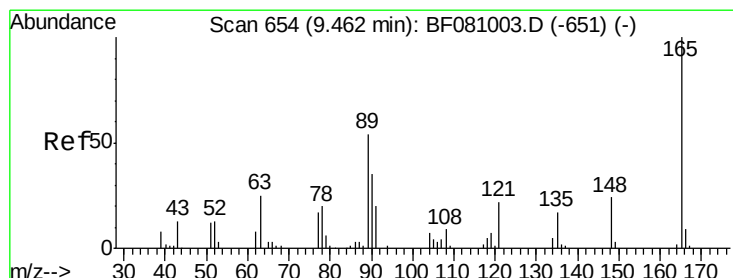
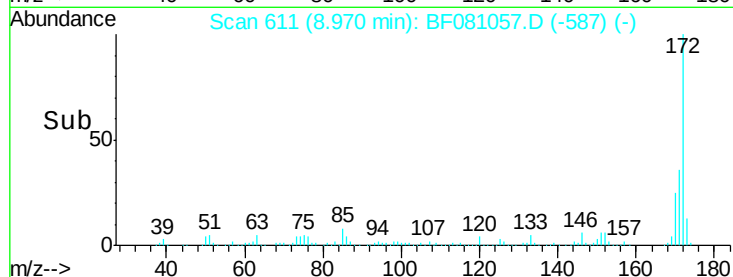
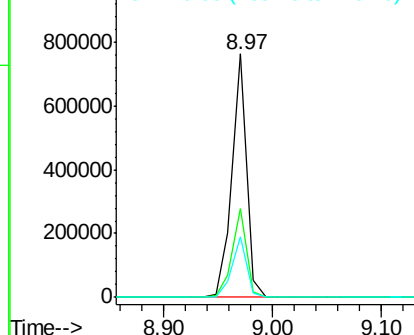
#44
 2-Fluorobiphenyl
 Concen: 62.74 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081057.D
 Acq: 18 Aug 2015 23:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	25.0	19.4	29.2

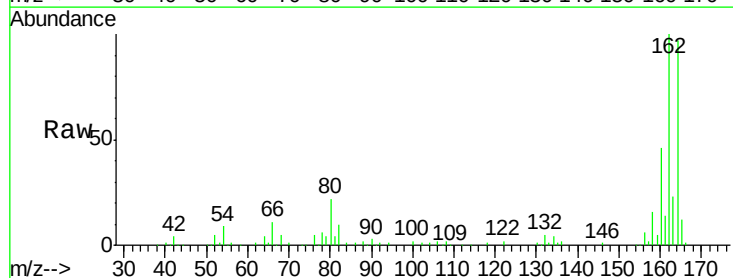


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

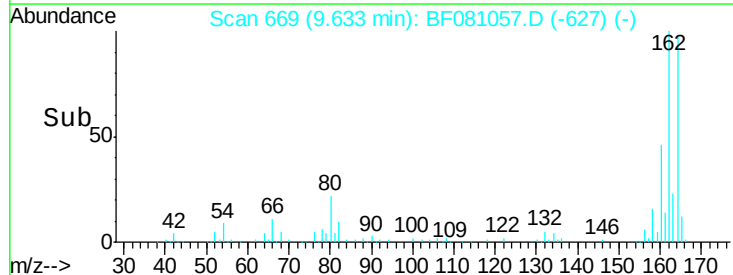
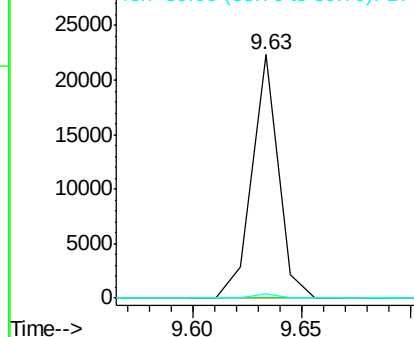


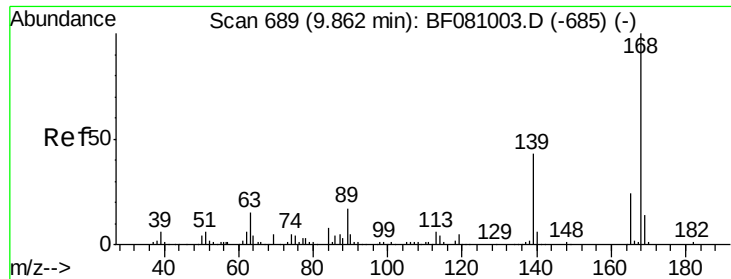
#50
 2,6-Dinitrotoluene
 Concen: 7.15 ng
 RT: 9.63 min Scan# 669
 Delta R.T. 0.18 min
 Lab File: BF081057.D
 Acq: 18 Aug 2015 23:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	1.7	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

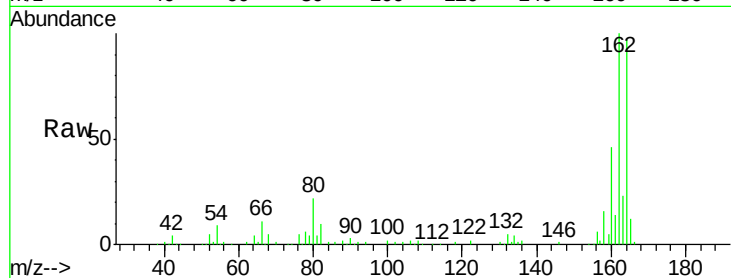




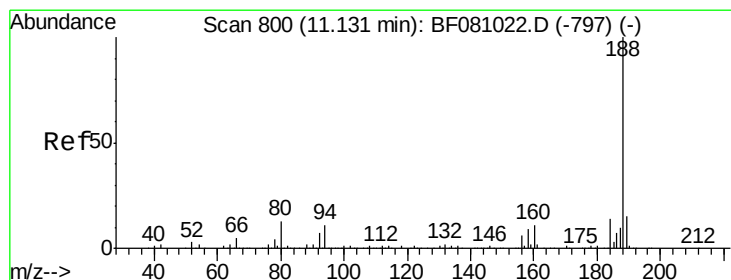
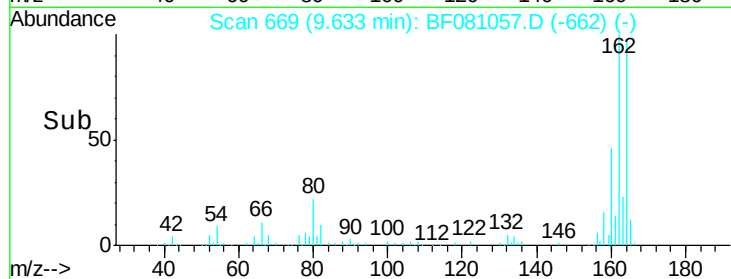
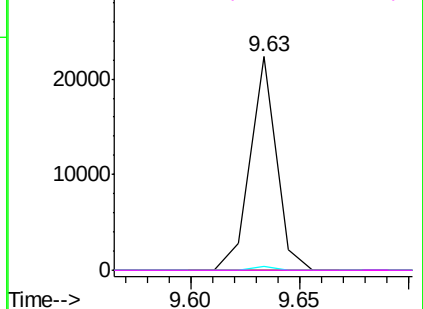
#56
2,4-Dinitrotoluene
Concen: 5.39 ng
RT: 9.63 min Scan# 669
Delta R.T. -0.22 min
Lab File: BF081057.D
Acq: 18 Aug 2015 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 18720
Ion Ratio Lower Upper
165 100
63 0.0 52.2 78.4#
89 1.7 60.1 90.1#
182 0.0 1.8 2.6#

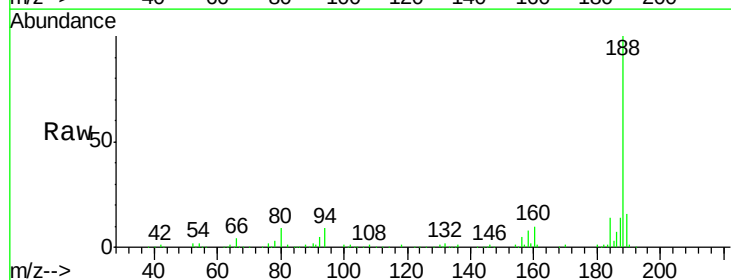


Abundance Ion 165.00 (164.70 to 165.70): E

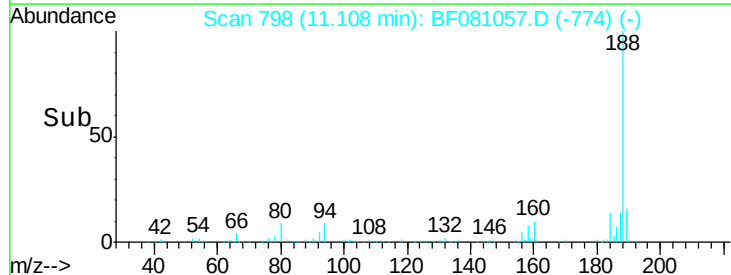
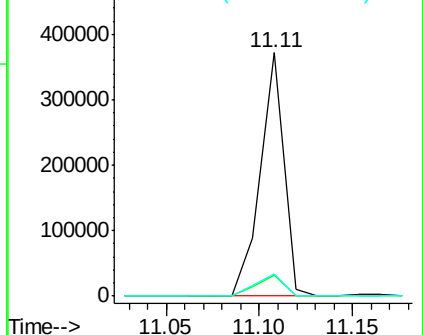


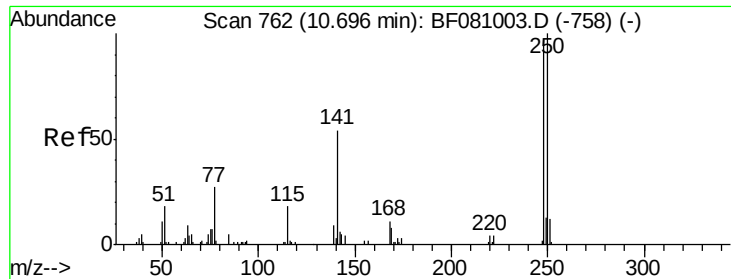
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081057.D
Acq: 18 Aug 2015 23:01

Tgt Ion:188 Resp: 325502
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.3 9.5 14.3#



Abundance Ion 188.00 (187.70 to 188.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.51 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.26 min

Lab File: BF081057.D

Acq: 18 Aug 2015 23:01

Instrument :

BNA_F

ClientSampled :

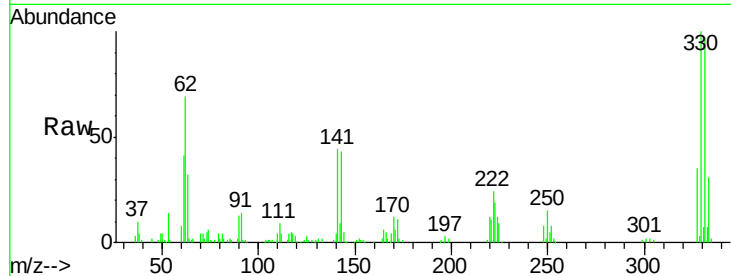
Tot Ion:248 Resp: 11237

Ion Ratio Lower Upper

248 100

250 188.9 77.8 116.6#

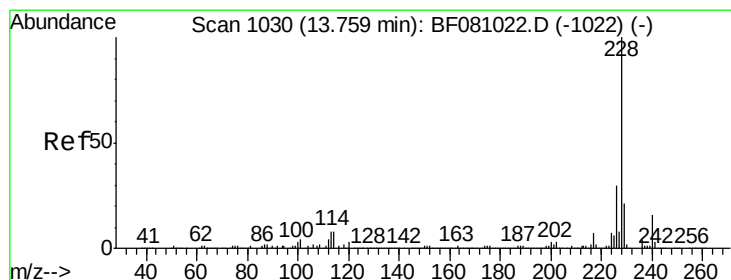
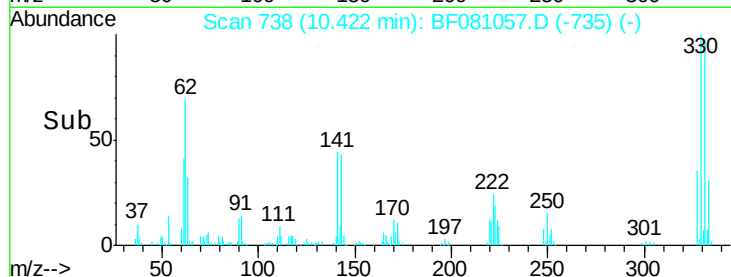
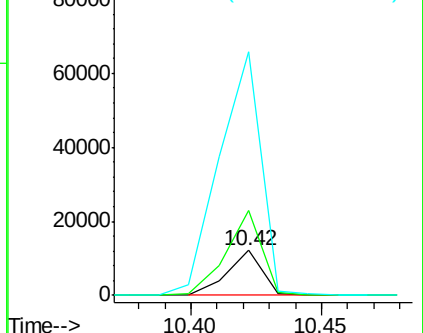
141 542.3 39.8 59.6#



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

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081057.D

Acq: 18 Aug 2015 23:01

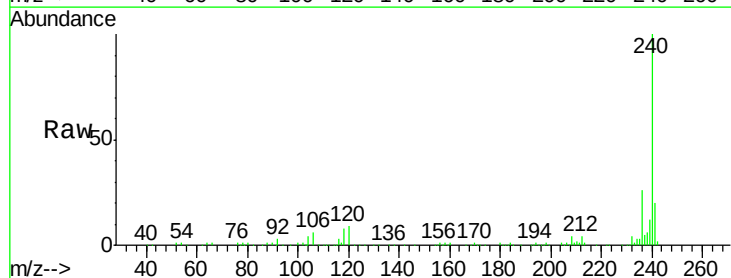
Tgt Ion:240 Resp: 289933

Ion Ratio Lower Upper

240 100

120 9.3 5.6 8.4#

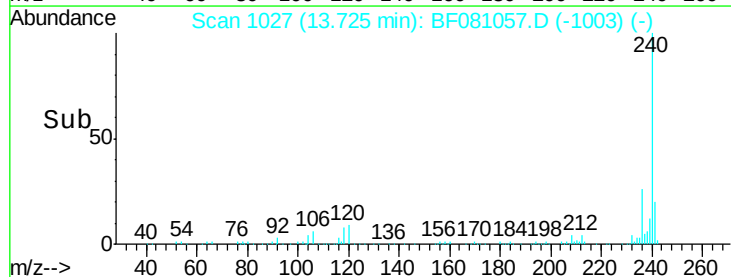
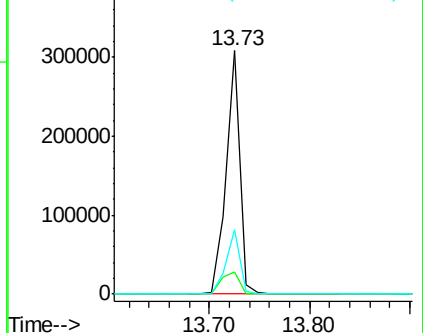
236 26.3 20.6 30.8

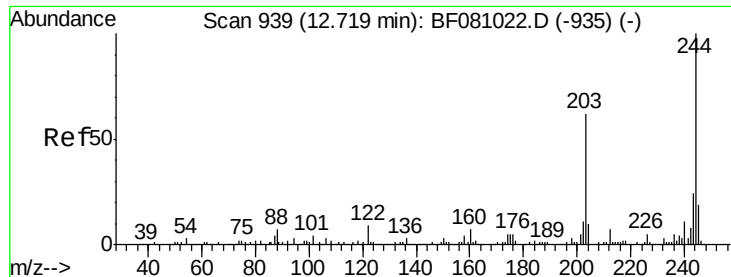


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

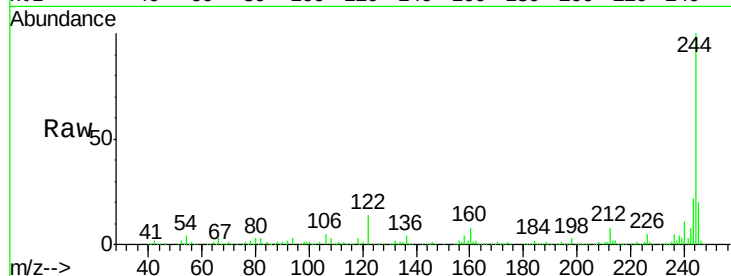




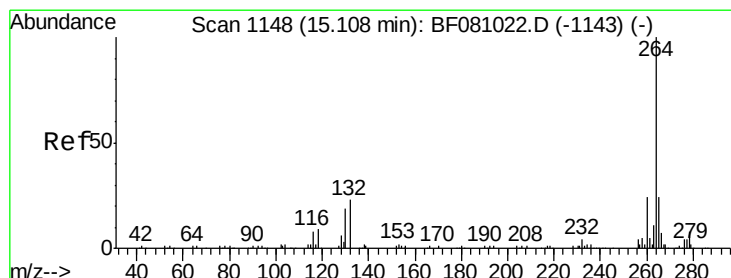
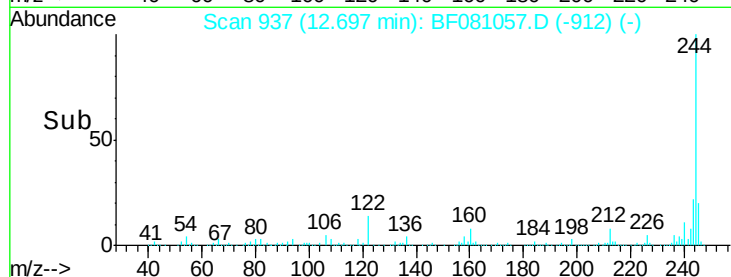
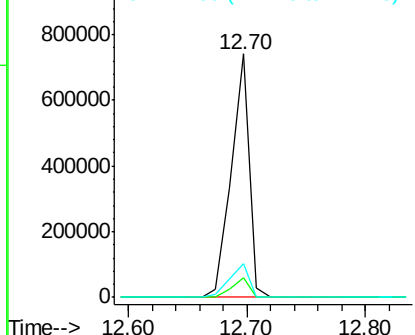
#78
 Terphenyl-d14
 Concen: 57.40 ng
 RT: 12.70 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081057.D
 Acq: 18 Aug 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 776250
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 14.0 8.2 12.4#

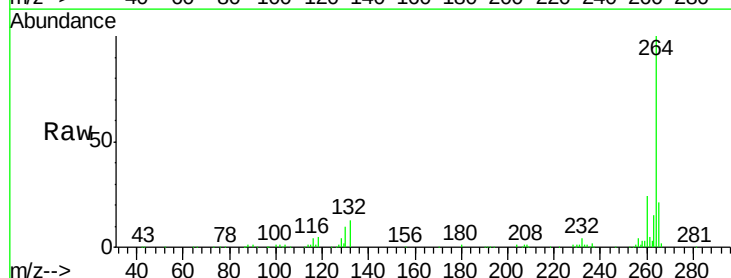


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081057.D
 Acq: 18 Aug 2015 23:01

Tgt Ion:264 Resp: 228872
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 20.6 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

