

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082515\
 Data File : BF081200.D
 Acq On : 25 Aug 2015 15:55
 Operator : UM/IZ
 Sample : PB85176BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 00:06:21 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

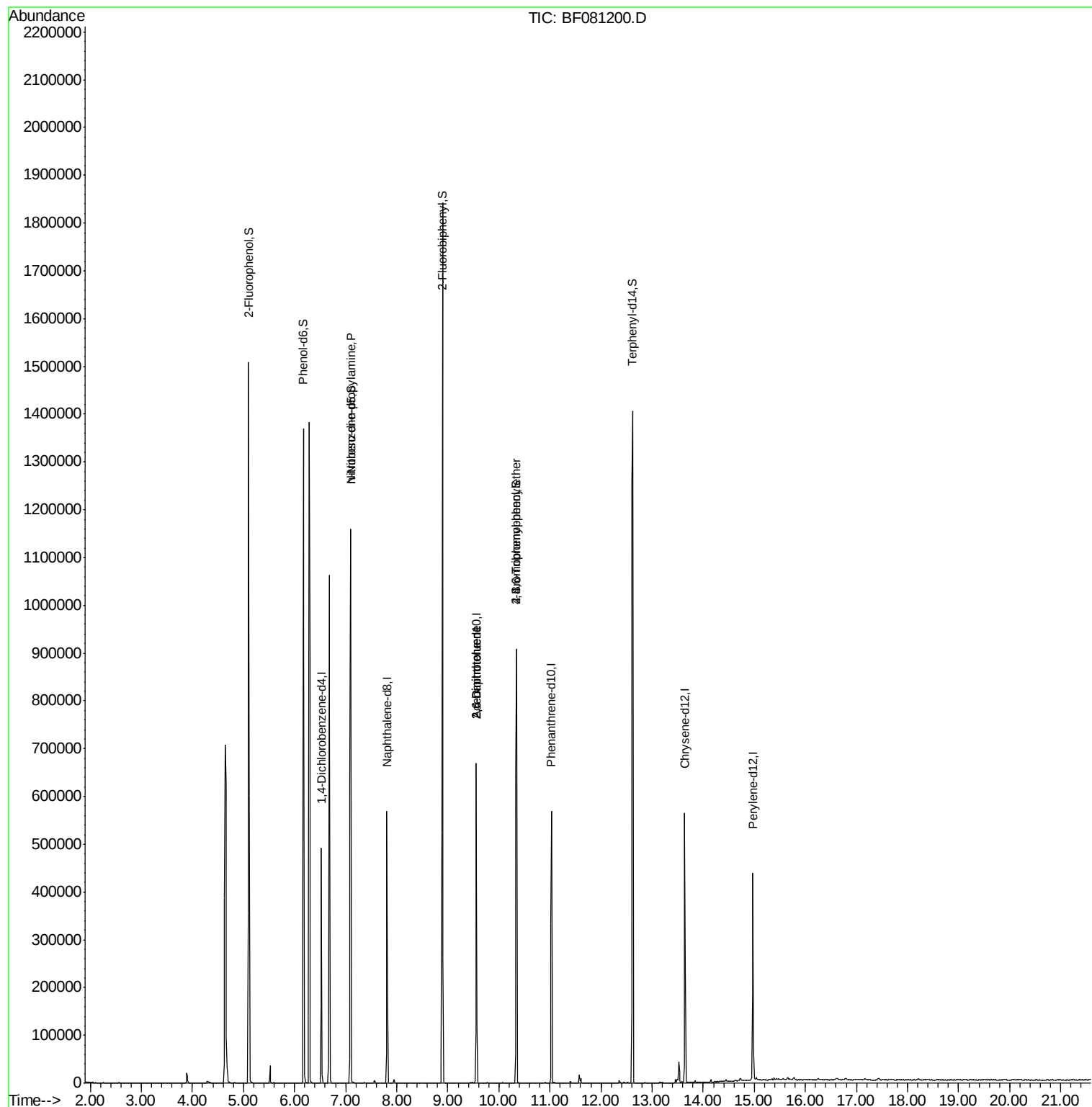
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	73733	20.00	ng	-0.01
21) Naphthalene-d8	7.81	136	266507	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	128047	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	256181	20.00	ng	-0.01
75) Chrysene-d12	13.64	240	208044	20.00	ng	-0.02
86) Perylene-d12	14.97	264	174426	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	439882	89.73	ng	0.00
7) Phenol-d6	6.17	99	636289	99.48	ng	-0.02
23) Nitrobenzene-d5	7.10	82	428061	73.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	112027	100.93	ng	-0.01
44) 2-Fluorobiphenyl	8.89	172	598246	61.22	ng	-0.01
78) Terphenyl-d14	12.62	244	633824	65.31	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.10	70	56800	12.82	ng	# 66
50) 2,6-Dinitrotoluene	9.56	165	15655	6.91	ng	# 21
56) 2,4-Dinitrotoluene	9.56	165	15655	5.22	ng	# 17
66) 4-Bromophenyl-phenylether	10.34	248	8972	3.57	ng	# 1

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

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QLast Update : Mon Aug 24 13:58:19 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.53 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF081200.D

Acq: 25 Aug 2015 15:55

Instrument :

BNA_F

ClientSampleId :

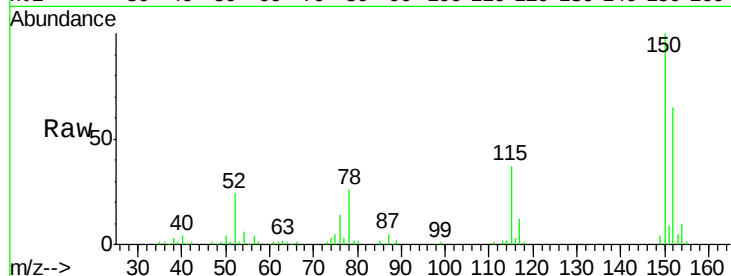
Tot Ion:152 Resp: 73733

Ion Ratio Lower Upper

152 100

150 154.4 123.8 185.6

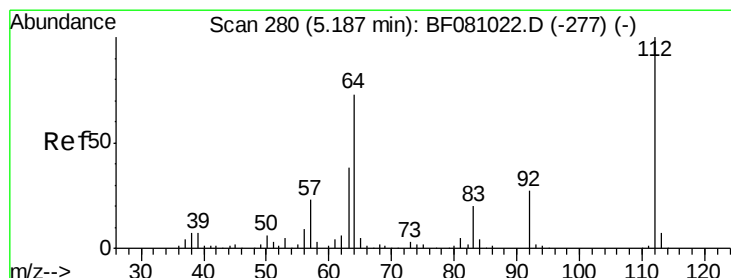
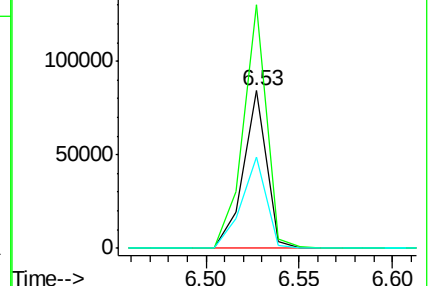
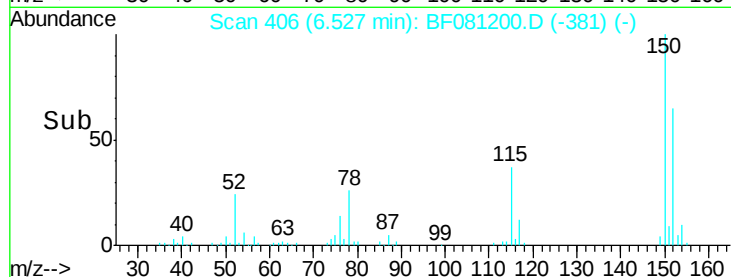
115 57.5 52.1 78.1



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: 89.73 ng

RT: 5.10 min Scan# 281

Delta R.T. -0.00 min

Lab File: BF081200.D

Acq: 25 Aug 2015 15:55

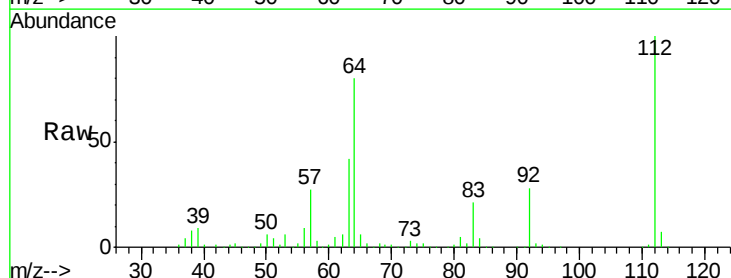
Tgt Ion:112 Resp: 439882

Ion Ratio Lower Upper

112 100

64 80.3 66.9 100.3

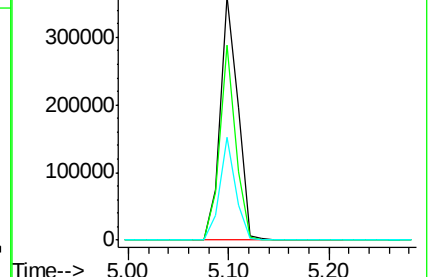
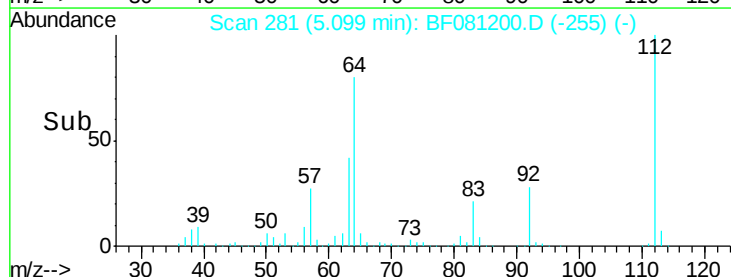
63 42.2 38.1 57.1

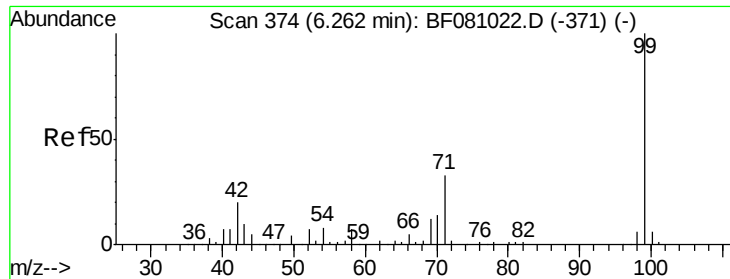


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.48 ng

RT: 6.17 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF081200.D

Acq: 25 Aug 2015 15:55

Instrument :

BNA_F

ClientSampleId :

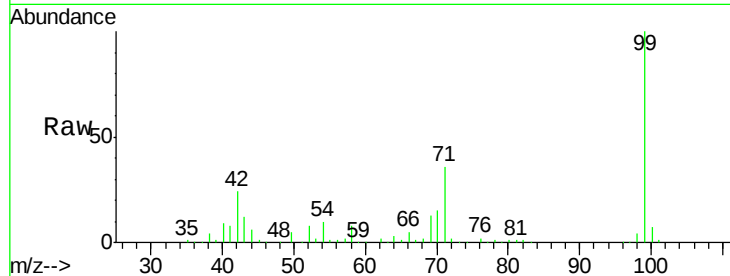
Tot Ion: 99 Resp: 636289

Ion Ratio Lower Upper

99 100

42 23.7 19.6 29.4

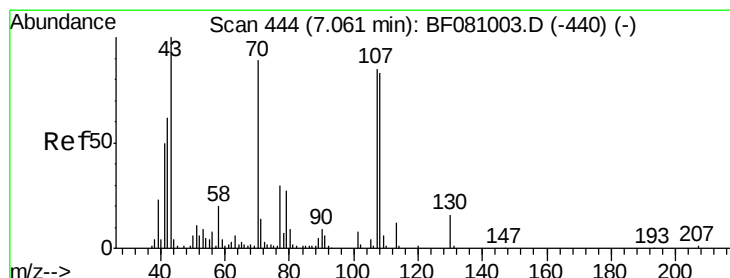
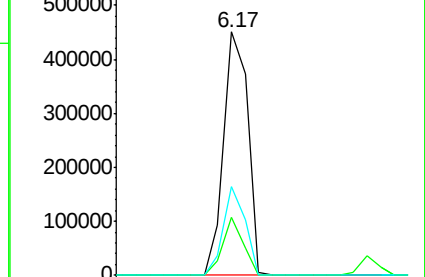
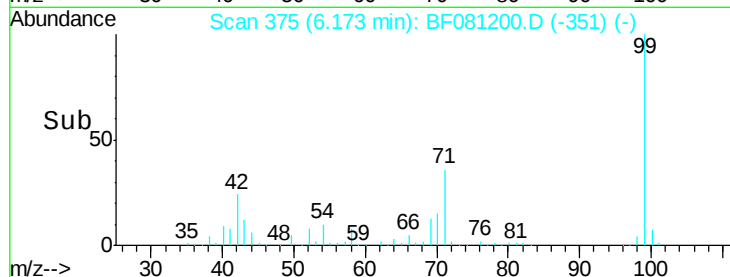
71 36.3 31.2 46.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.82 ng

RT: 7.10 min Scan# 456

Delta R.T. 0.11 min

Lab File: BF081200.D

Acq: 25 Aug 2015 15:55

Tgt Ion: 70 Resp: 56800

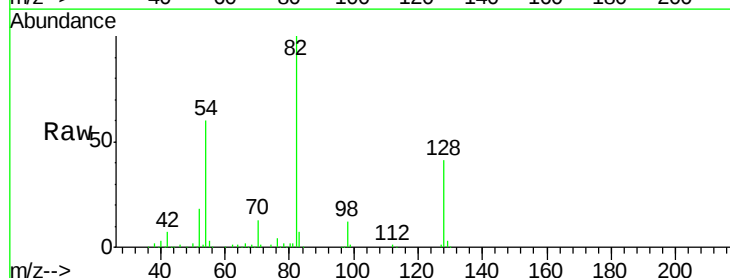
Ion Ratio Lower Upper

70 100

42 50.4 65.0 97.4#

101 0.0 7.4 11.2#

130 2.0 13.0 19.4#

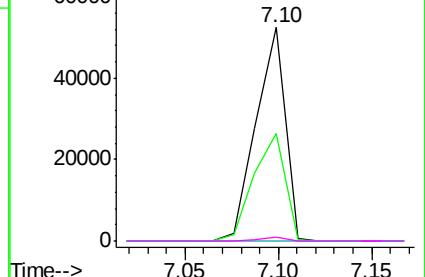
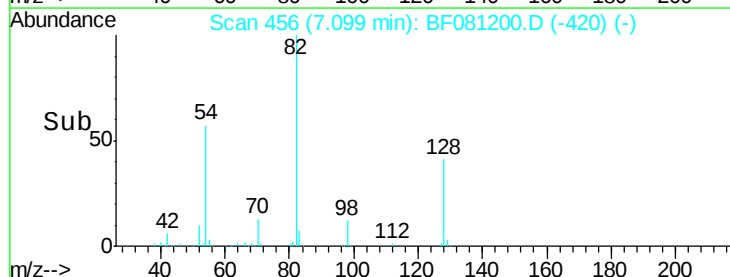


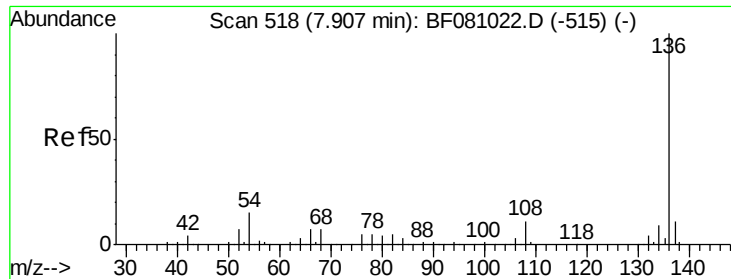
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

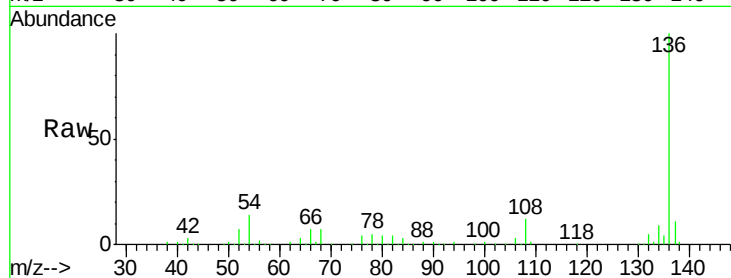




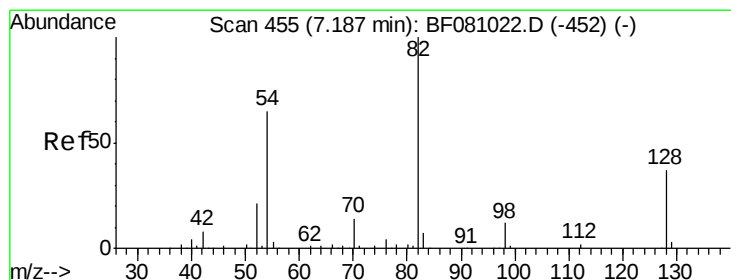
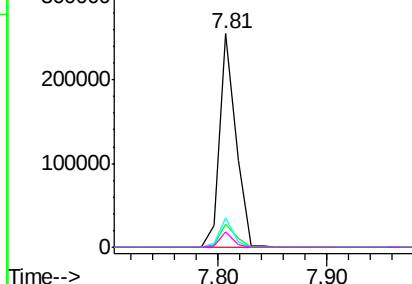
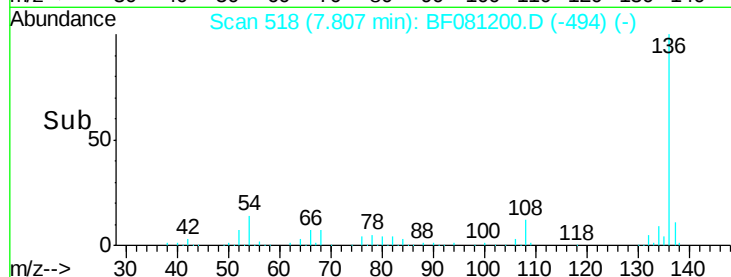
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	266507
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.2
54	13.7	7.7 11.5#
68	6.9	3.4 5.2#

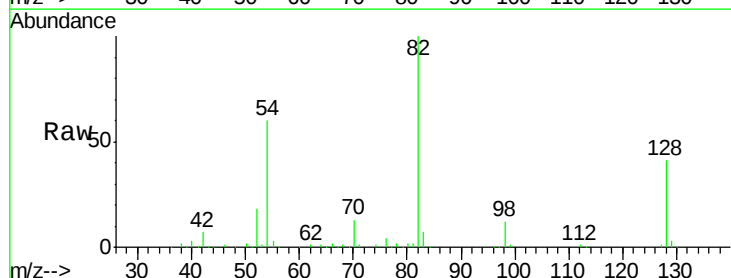


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

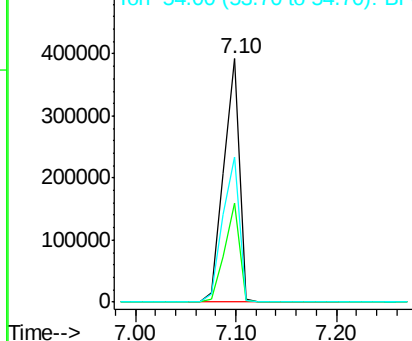
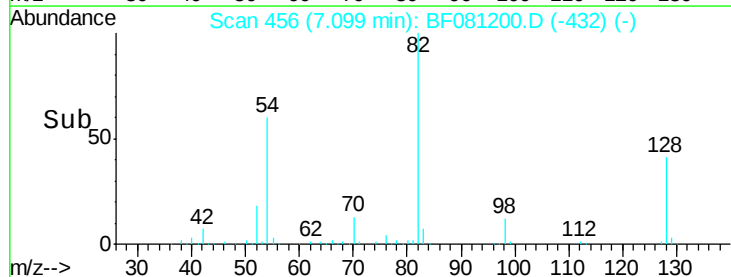


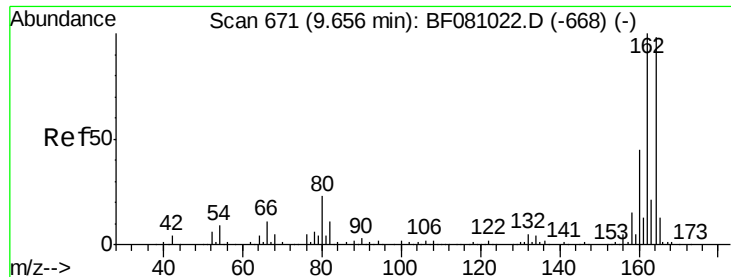
#23
Nitrobenzene-d5
Concen: 73.37 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

Tgt Ion: 82	Resp:	428061
Ion Ratio	Lower	Upper
82	100	
128	40.8	28.6 42.8
54	59.5	55.1 82.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

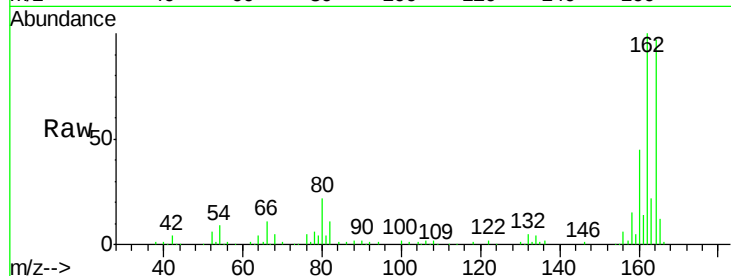




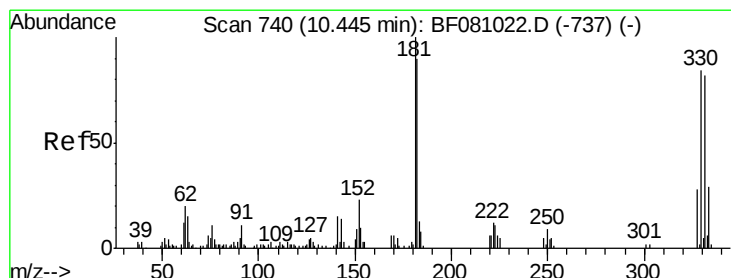
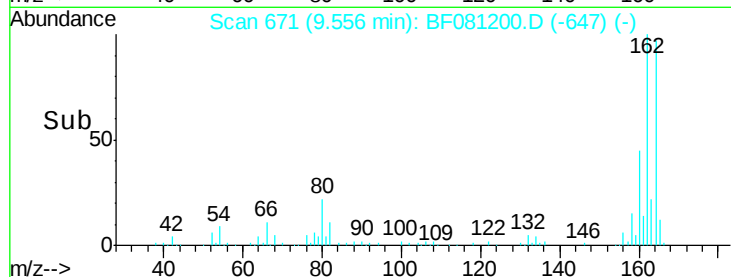
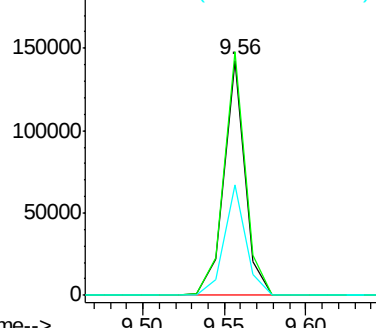
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.8	125.8
160	46.8	39.8	59.8

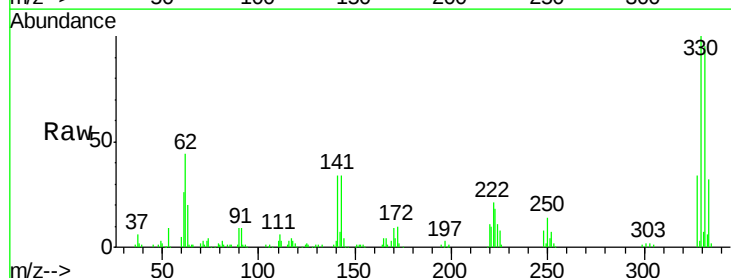


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

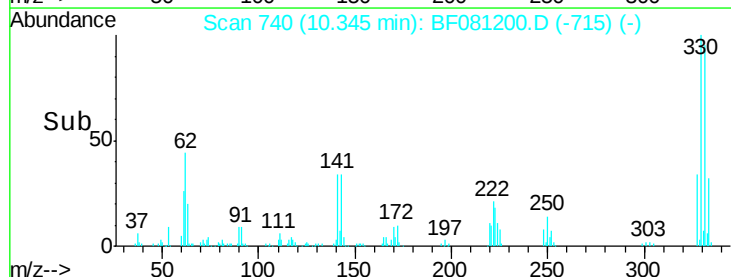
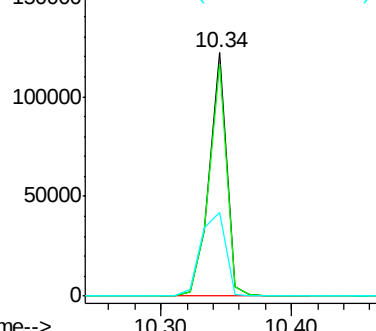


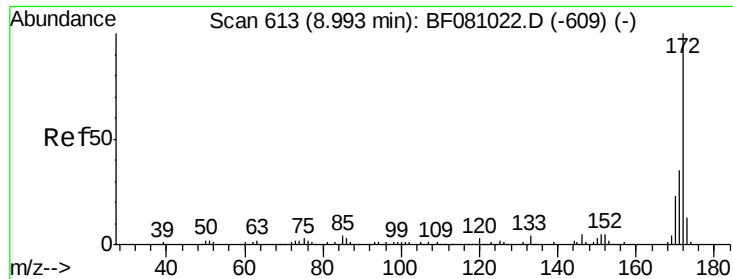
#41
2,4,6-Tribromophenol
Concen: 100.93 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	49.0	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

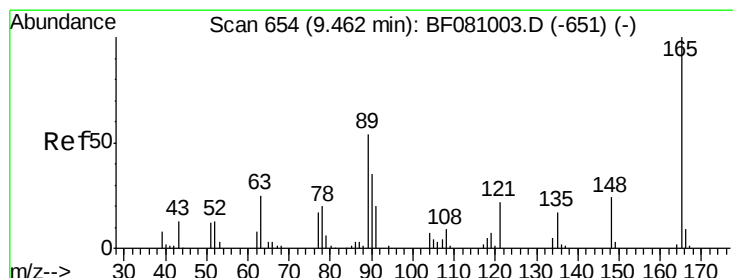
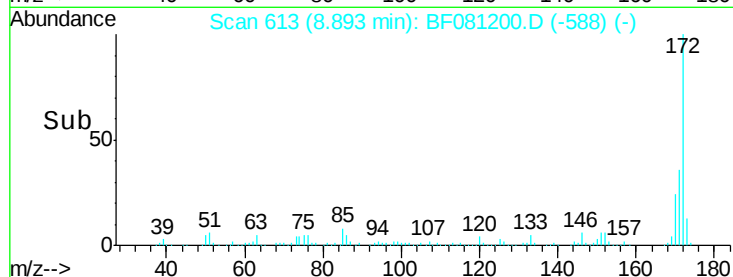
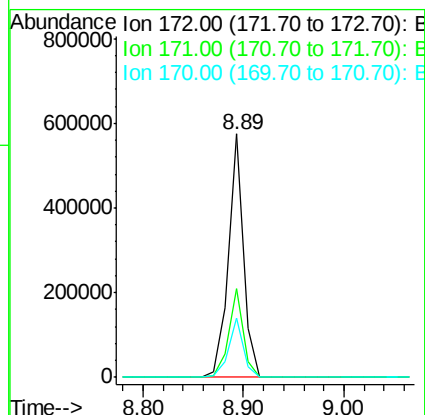
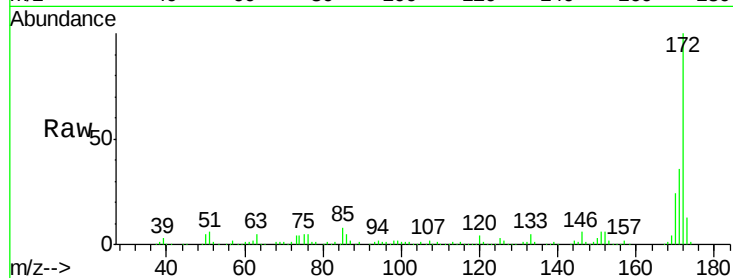




#44
2-Fluorobiphenyl
Concen: 61.22 ng
RT: 8.89 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

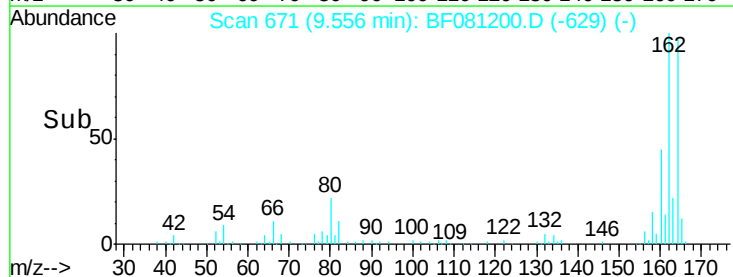
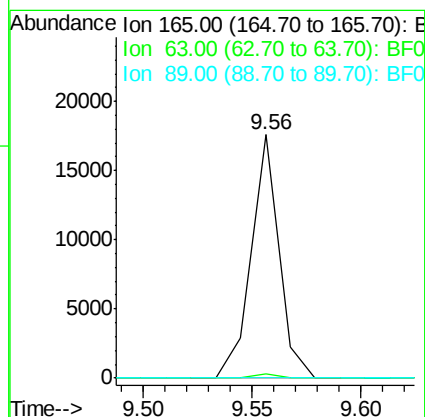
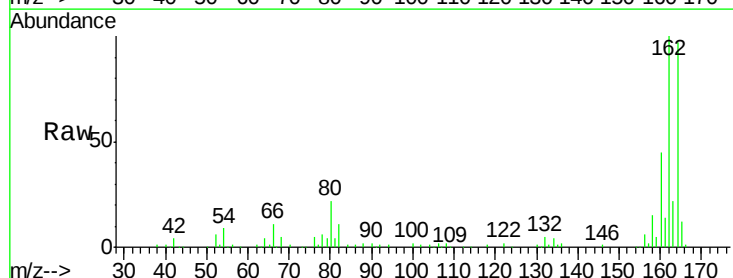
Instrument :
BNA_F
ClientSampleId :

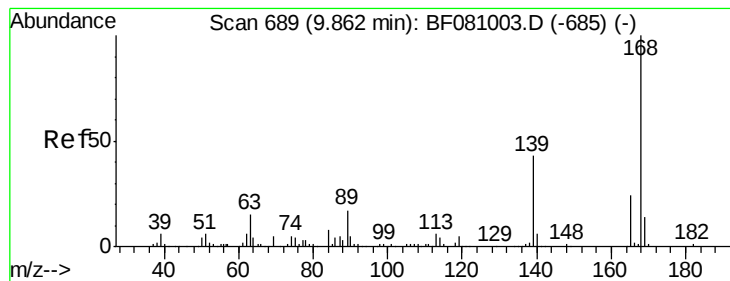
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.5	19.4	29.2



#50
2,6-Dinitrotoluene
Concen: 6.91 ng
RT: 9.56 min Scan# 671
Delta R.T. 0.18 min
Lab File: BF081200.D
Acq: 25 Aug 2015 15:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	49.5	74.3#
89	0.0	47.6	71.4#

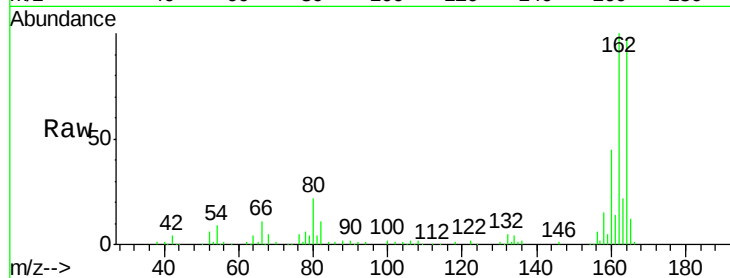




#56
 2,4-Dinitrotoluene
 Concen: 5.22 ng
 RT: 9.56 min Scan# 671
 Delta R.T. -0.22 min
 Lab File: BF081200.D
 Acq: 25 Aug 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

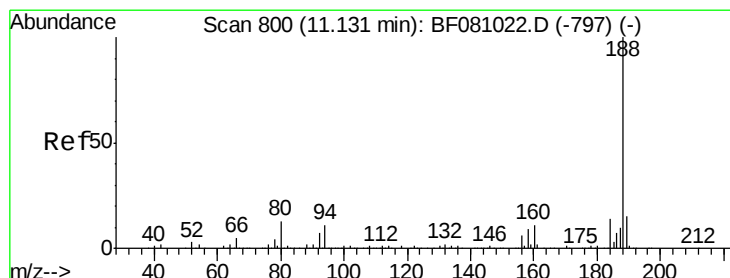
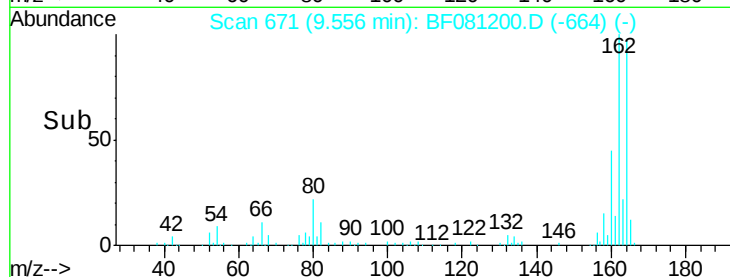
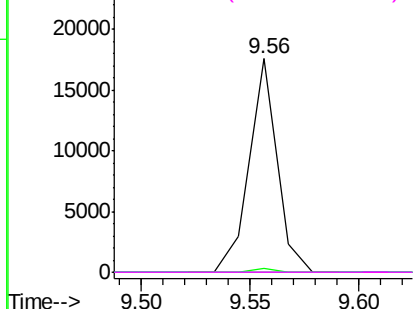


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

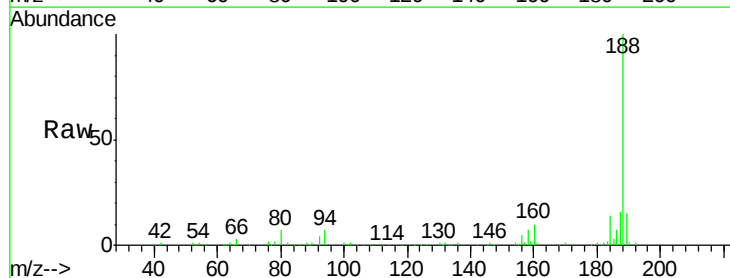
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF081200.D
 Acq: 25 Aug 2015 15:55

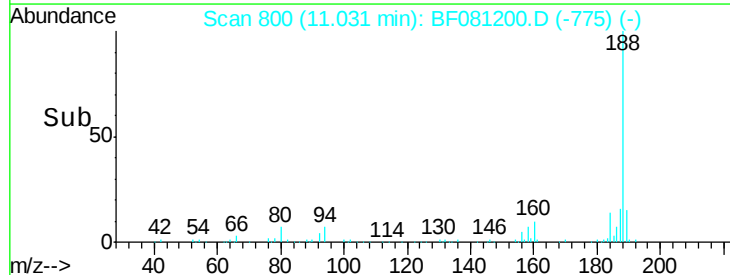
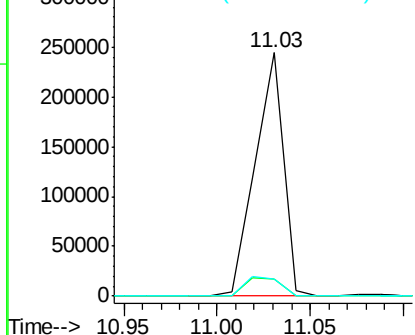
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.2	12.2#
80	7.3	9.5	14.3#

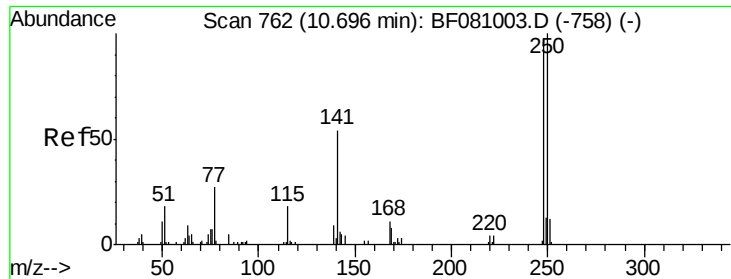


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.57 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.25 min

Lab File: BF081200.D

Acq: 25 Aug 2015 15:55

Instrument :

BNA_F

ClientSampleId :

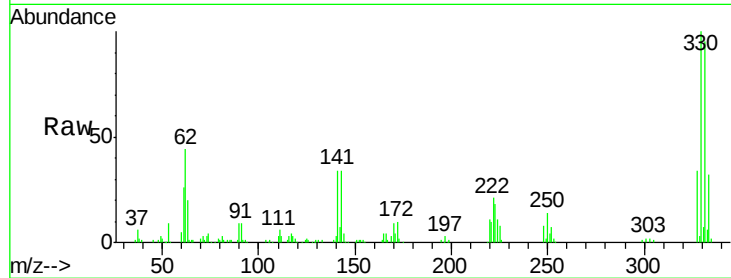
Tot Ion:248 Resp: 8972

Ion Ratio Lower Upper

248 100

250 184.4 77.8 116.6#

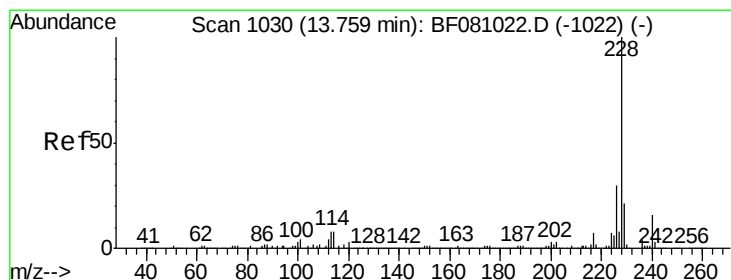
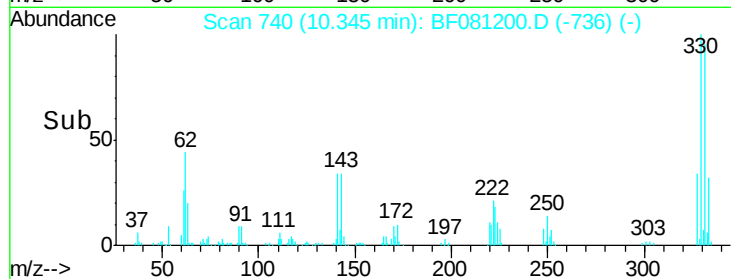
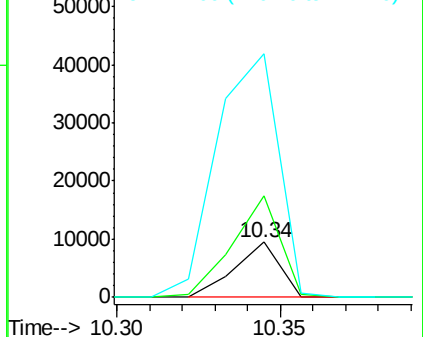
141 442.6 39.8 59.6#



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: 13.64 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081200.D

Acq: 25 Aug 2015 15:55

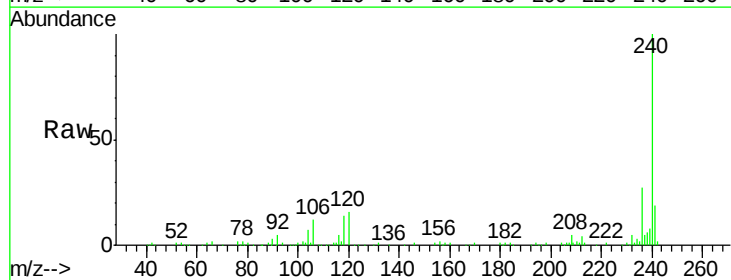
Tgt Ion:240 Resp: 208044

Ion Ratio Lower Upper

240 100

120 15.8 5.6 8.4#

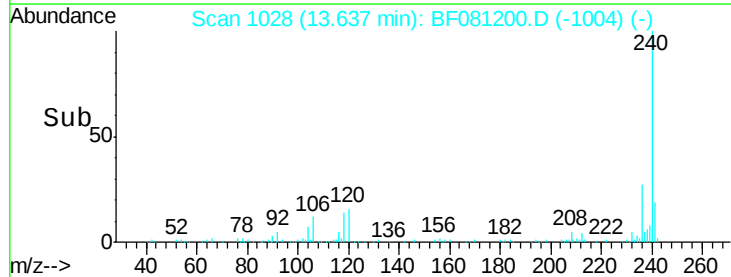
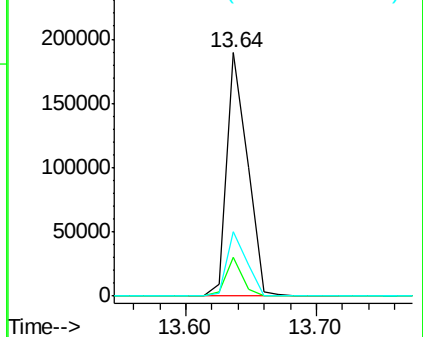
236 26.5 20.6 30.8

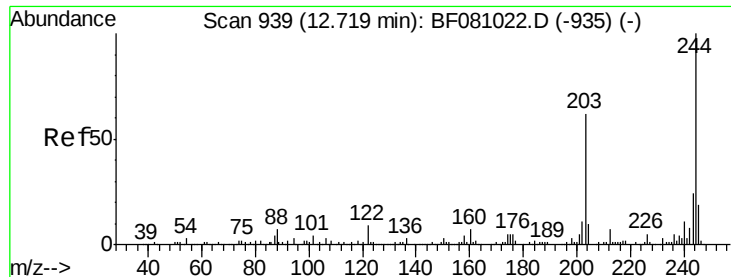


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

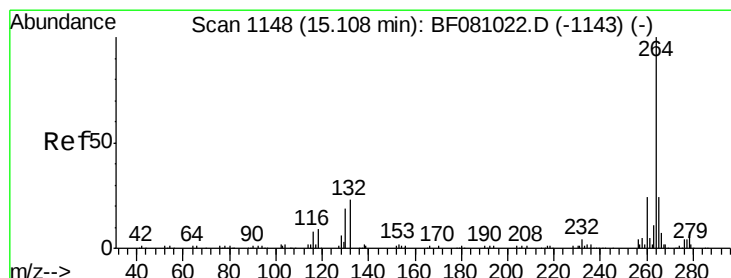
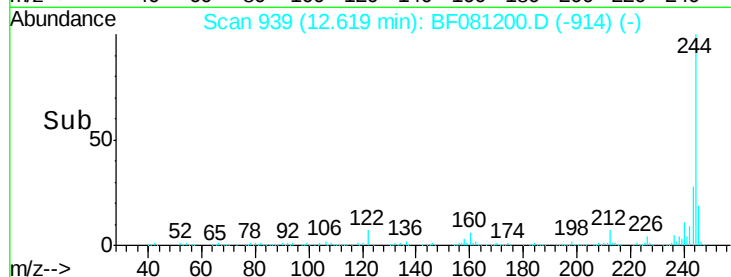
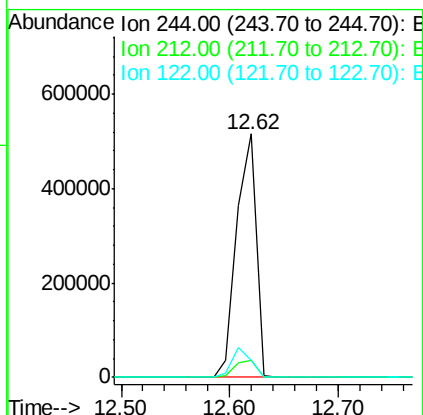
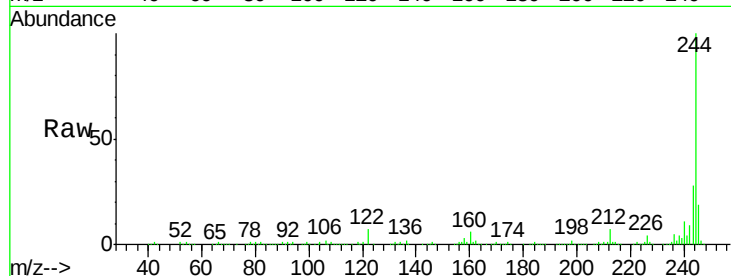




#78
 Terphenyl-d14
 Concen: 65.31 ng
 RT: 12.62 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF081200.D
 Acq: 25 Aug 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 633824
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 6.8 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF081200.D
 Acq: 25 Aug 2015 15:55

Tgt Ion:264 Resp: 174426
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 21.8 17.5 26.3

