

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081055.D
 Acq On : 18 Aug 2015 21:57
 Operator : UM/IZ
 Sample : PB84967BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 00:40:59 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

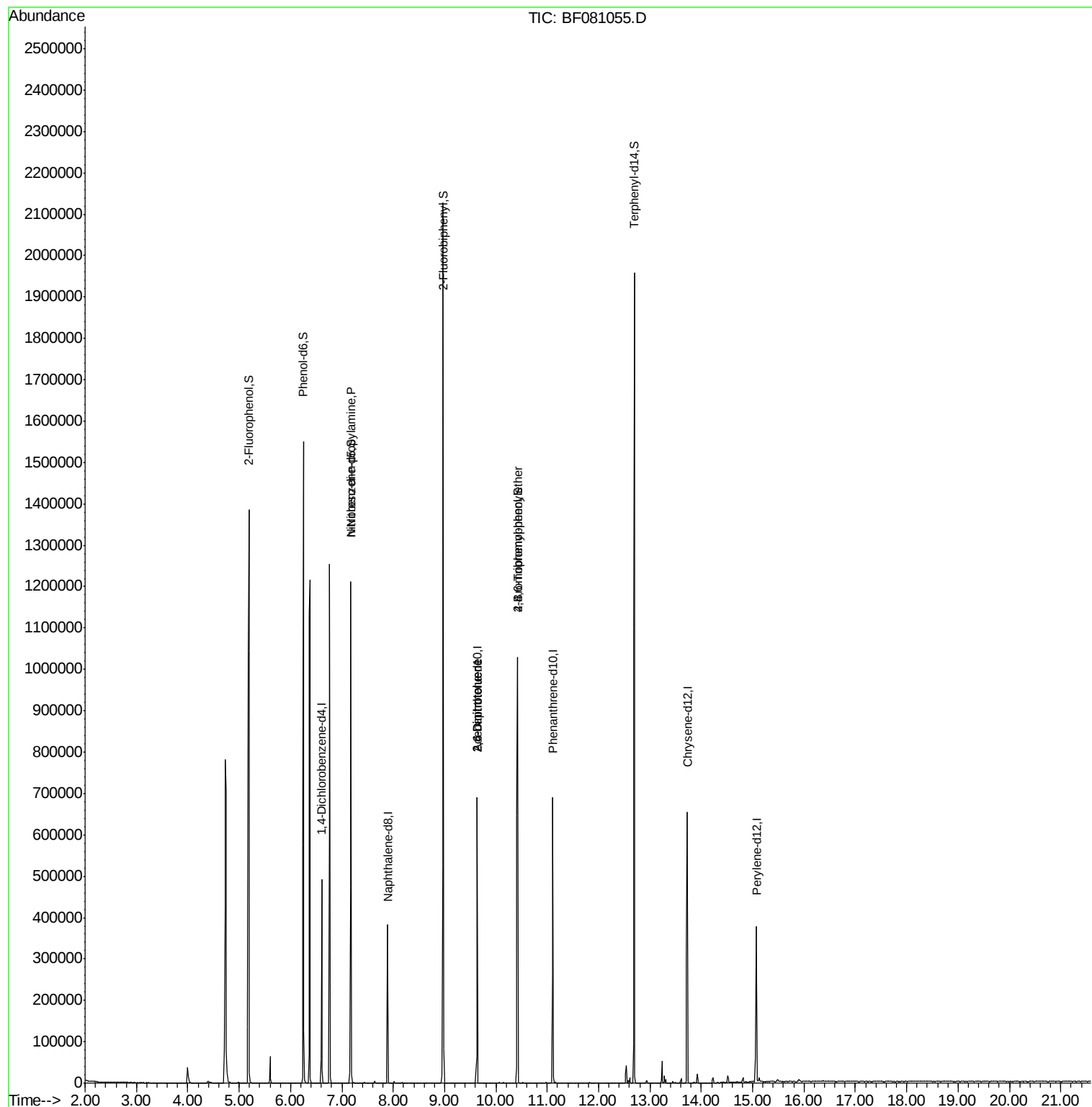
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	61973	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	238635	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	122754	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	267503	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	247461	20.00	ng	-0.02
86) Perylene-d12	15.07	264	200042	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	453636	110.10	ng	0.00
7) Phenol-d6	6.25	99	520146	96.75	ng	-0.01
23) Nitrobenzene-d5	7.18	82	397979	76.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	119290	112.11	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	603208	64.39	ng	-0.02
78) Terphenyl-d14	12.70	244	698296	60.50	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	53857	14.46	ng	# 69
50) 2,6-Dinitrotoluene	9.63	165	15872	7.31	ng	# 20
56) 2,4-Dinitrotoluene	9.63	165	15872	5.52	ng	# 16
66) 4-Bromophenyl-phenylether	10.42	248	9556	3.64	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081055.D
Acq On : 18 Aug 2015 21:57
Operator : UM/IZ
Sample : PB84967BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 19 00:40:59 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



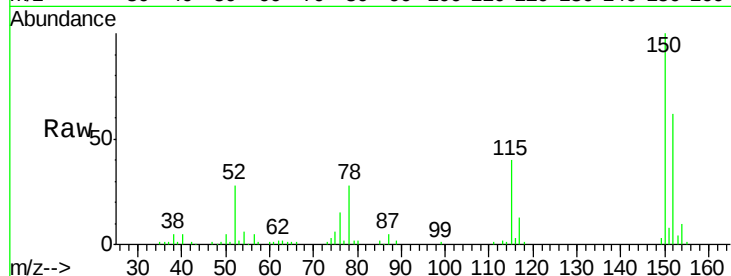


#1

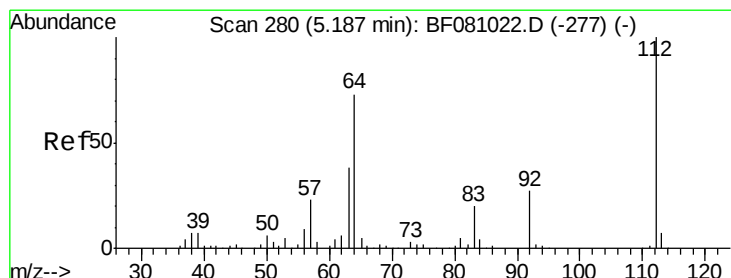
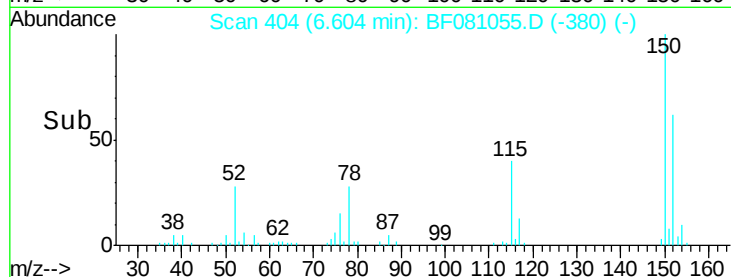
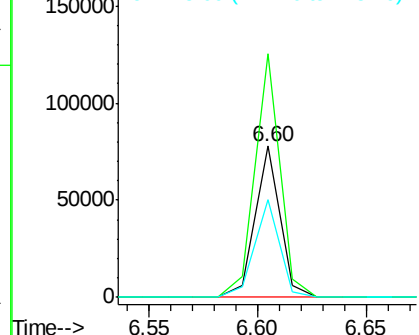
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081055.D
Acq: 18 Aug 2015 21:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 61973
Ion Ratio Lower Upper
152 100
150 160.8 123.8 185.6
115 64.2 52.1 78.1



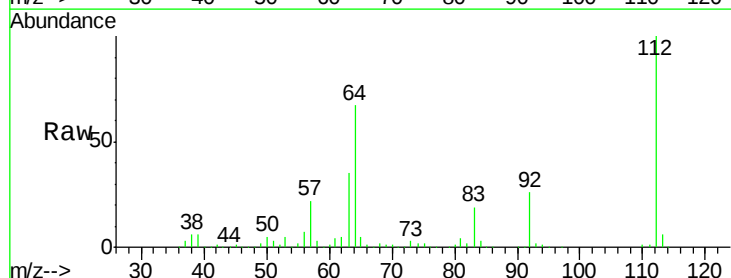
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



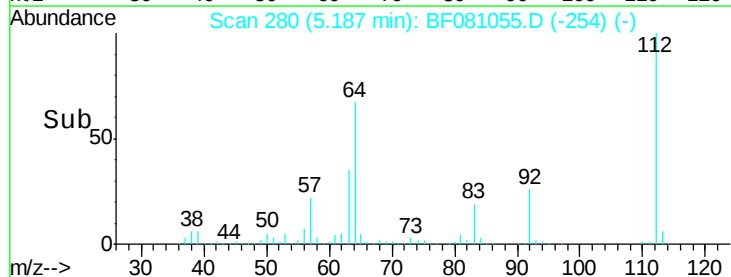
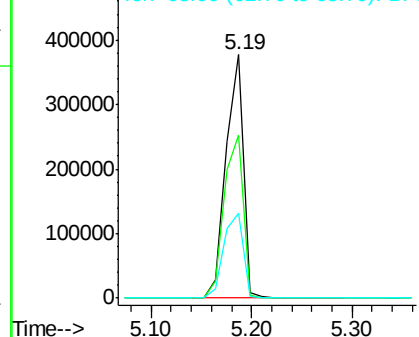
#5

2-Fluorophenol
Concen: 110.10 ng
RT: 5.19 min Scan# 280
Delta R.T. 0.00 min
Lab File: BF081055.D
Acq: 18 Aug 2015 21:57

Tgt Ion:112 Resp: 453636
Ion Ratio Lower Upper
112 100
64 66.8 66.9 100.3#
63 34.7 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: 96.75 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081055.D

Acq: 18 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

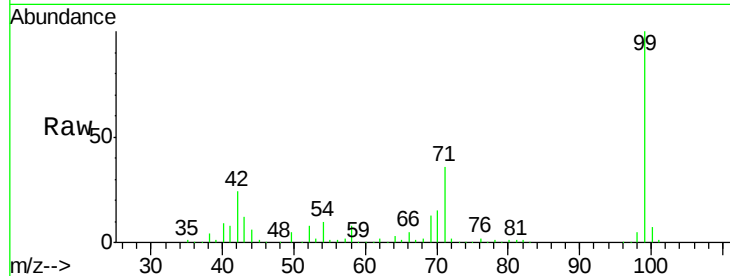
Tot Ion: 99 Resp: 520146

Ion Ratio Lower Upper

99 100

42 23.5 19.6 29.4

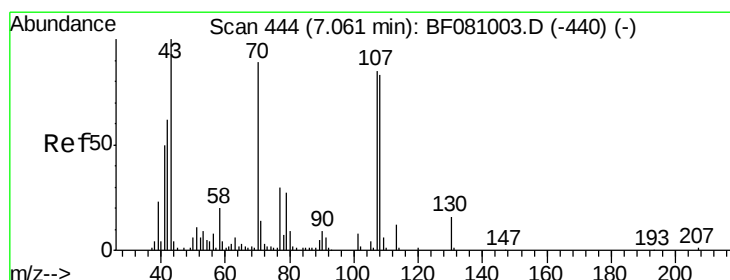
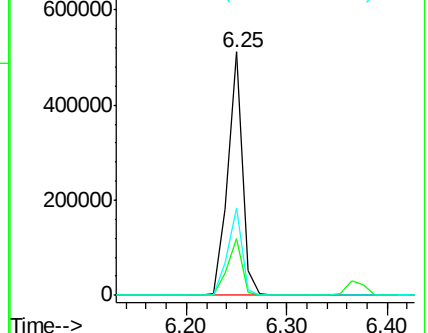
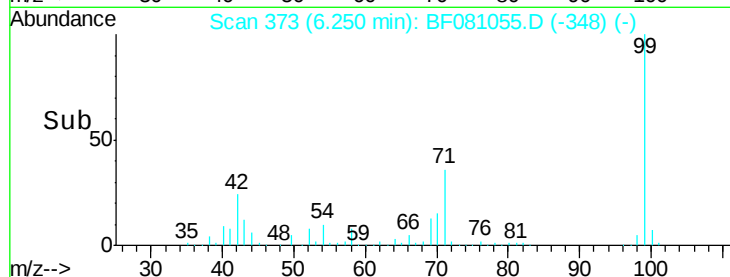
71 36.1 31.2 46.8



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: 14.46 ng

RT: 7.18 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF081055.D

Acq: 18 Aug 2015 21:57

Tgt Ion: 70 Resp: 53857

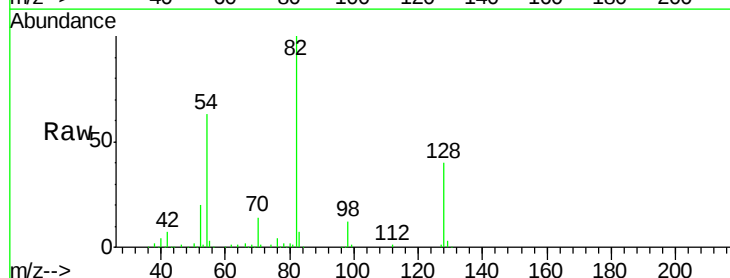
Ion Ratio Lower Upper

70 100

42 53.5 65.0 97.4#

101 0.0 7.4 11.2#

130 1.9 13.0 19.4#

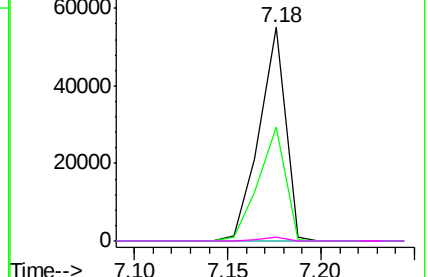
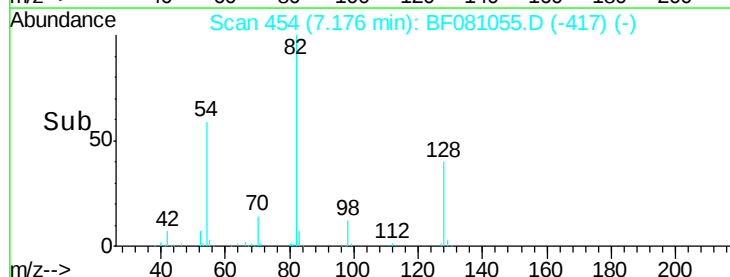


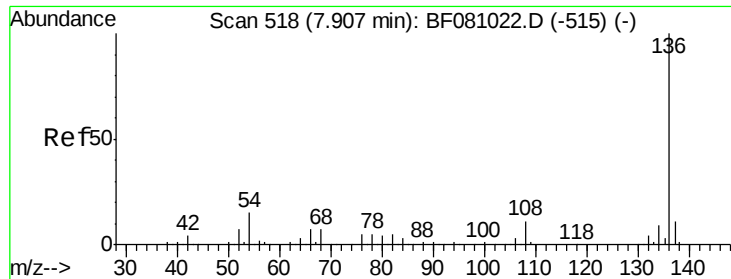
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

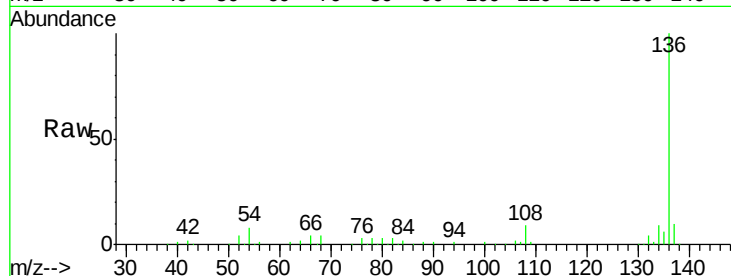




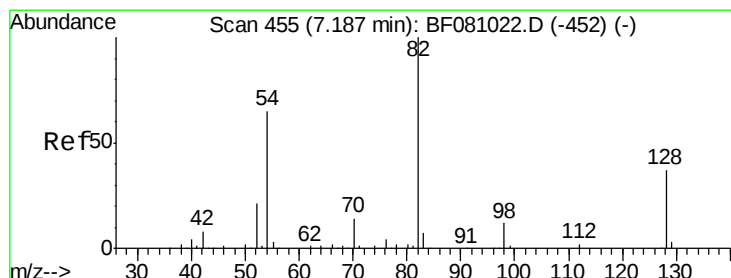
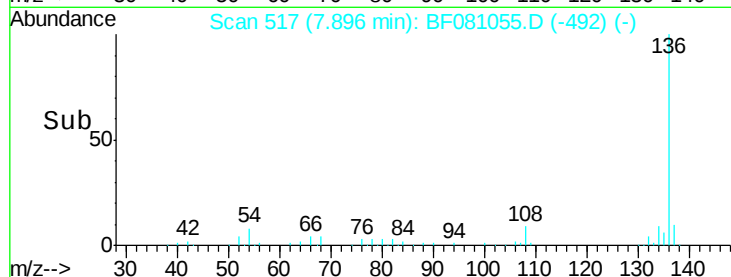
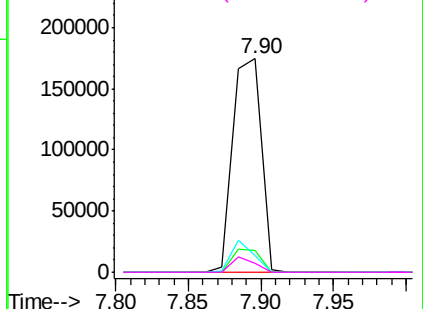
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081055.D
Acq: 18 Aug 2015 21:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	238635
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.2 12.2
54	7.7	7.7 11.5#
68	4.1	3.4 5.2

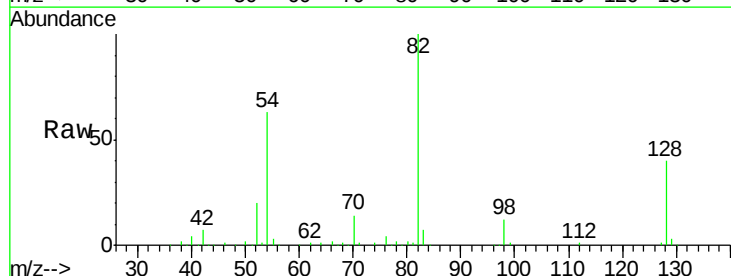


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

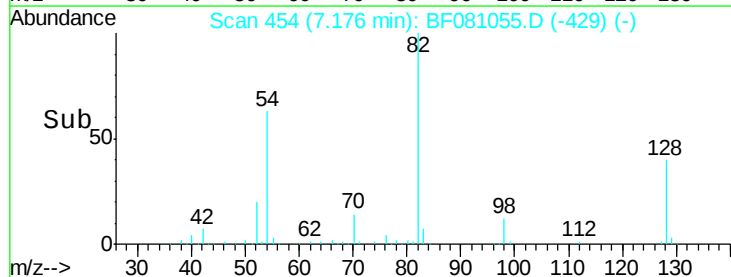
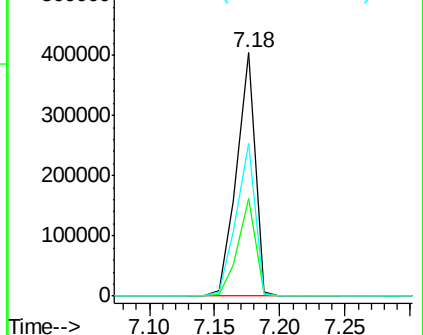


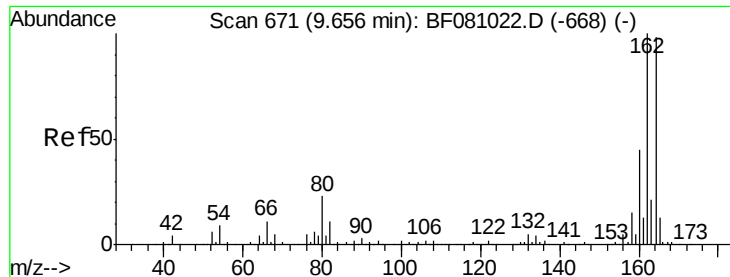
#23
Nitrobenzene-d5
Concen: 76.18 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081055.D
Acq: 18 Aug 2015 21:57

Tgt Ion: 82	Resp:	397979
Ion Ratio	Lower	Upper
82	100	
128	40.0	28.6 42.8
54	62.6	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

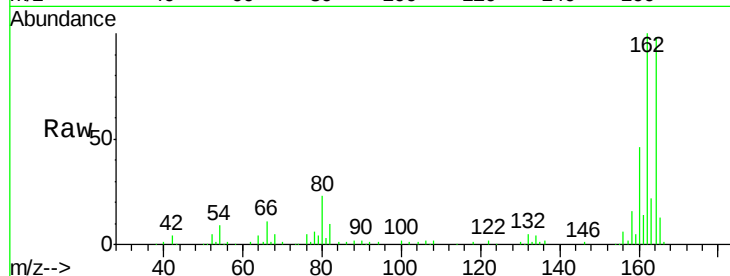




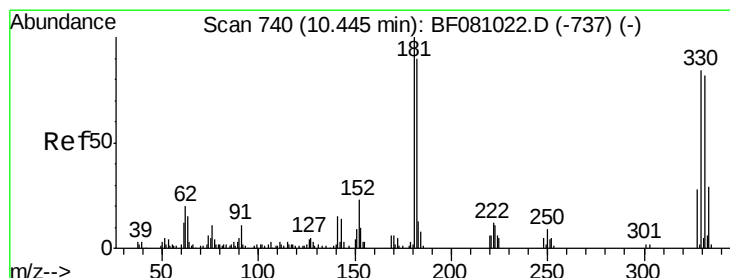
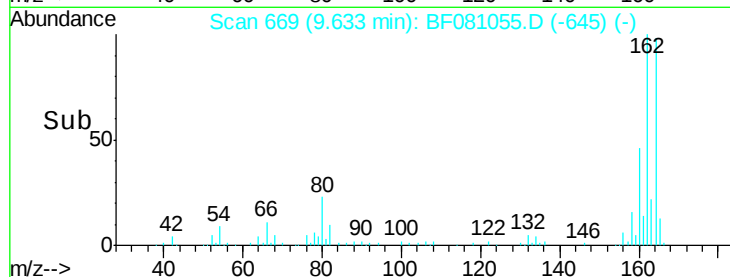
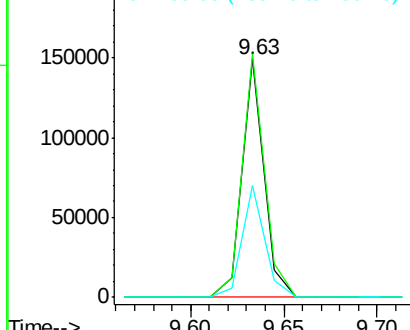
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF081055.D
 Acq: 18 Aug 2015 21:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 122754
 Ion Ratio Lower Upper
 164 100
 162 102.1 83.8 125.8
 160 46.9 39.8 59.8

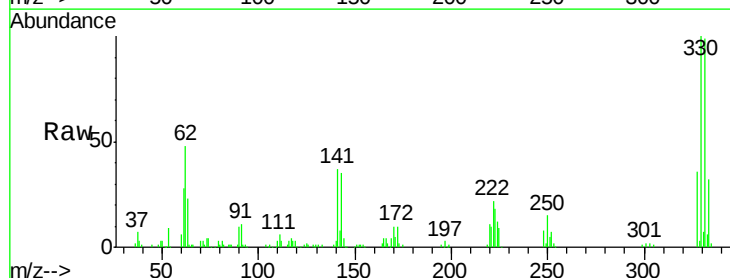


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

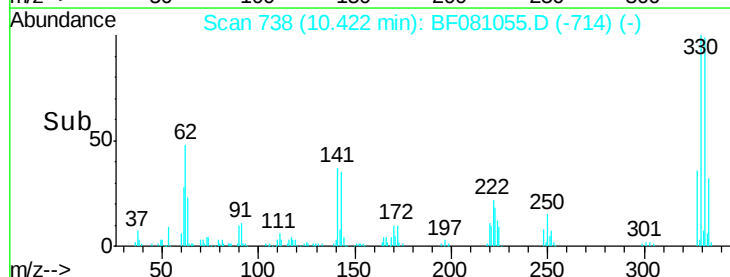
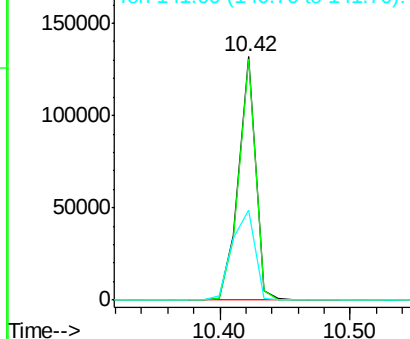


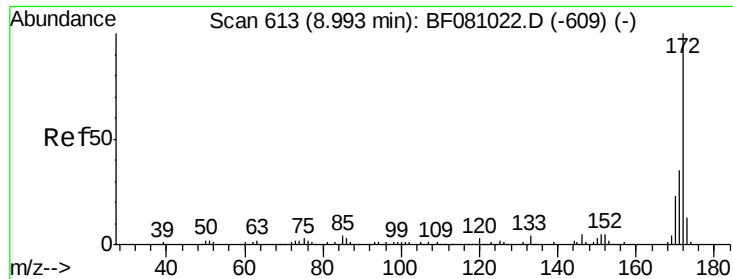
#41
 2,4,6-Tribromophenol
 Concen: 112.11 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF081055.D
 Acq: 18 Aug 2015 21:57

Tgt Ion:330 Resp: 119290
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.3 115.9
 141 48.7 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

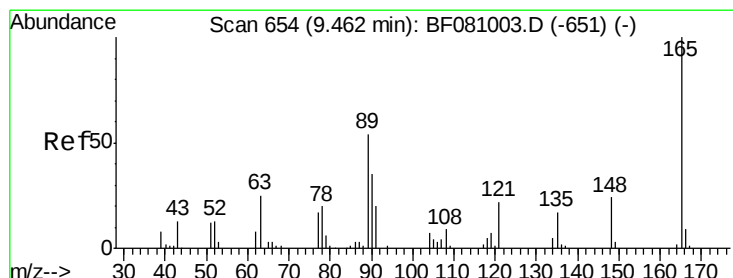
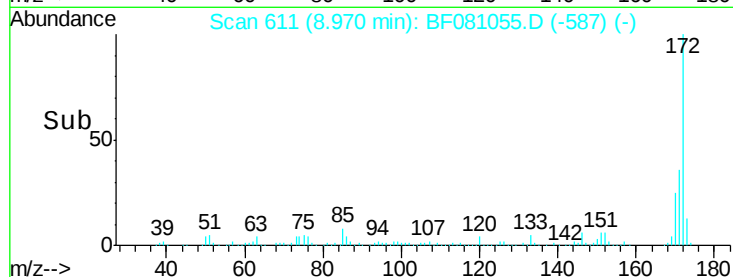
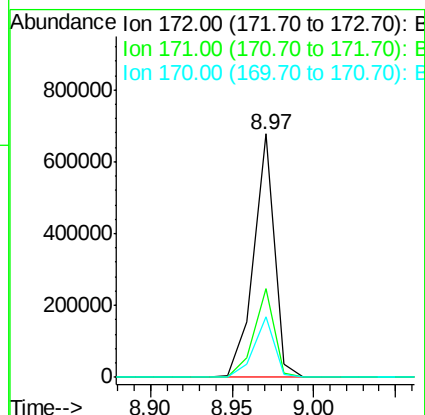
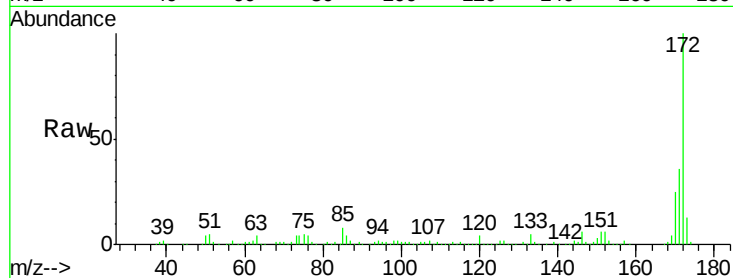




#44
2-Fluorobiphenyl
Concen: 64.39 ng
RT: 8.97 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF081055.D
Acq: 18 Aug 2015 21:57

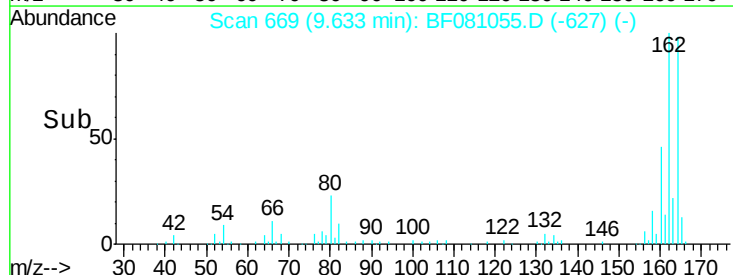
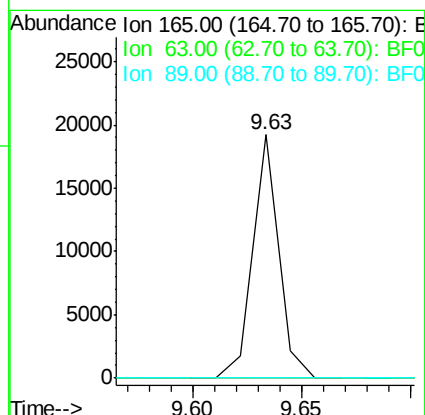
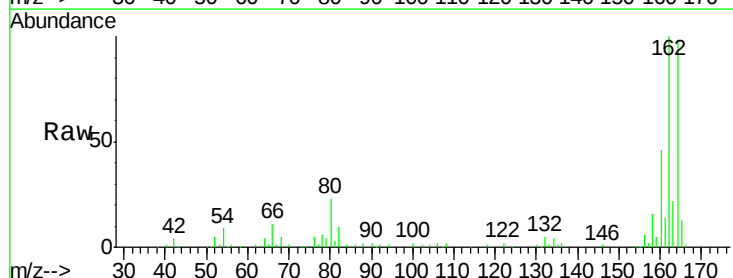
Instrument :
BNA_F
ClientSampleId :

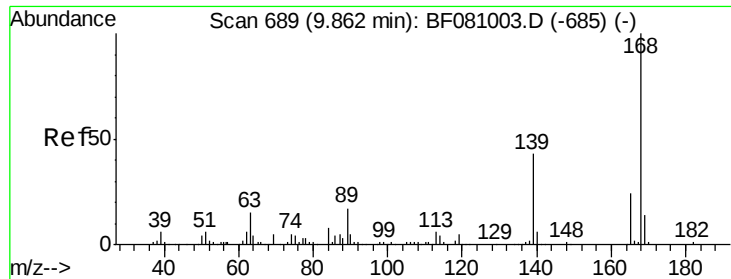
Tot Ion:172 Resp: 603208
Ion Ratio Lower Upper
172 100
171 36.3 28.9 43.3
170 24.9 19.4 29.2



#50
2,6-Dinitrotoluene
Concen: 7.31 ng
RT: 9.63 min Scan# 669
Delta R.T. 0.18 min
Lab File: BF081055.D
Acq: 18 Aug 2015 21:57

Tgt Ion:165 Resp: 15872
Ion Ratio Lower Upper
165 100
63 0.0 49.5 74.3#
89 0.0 47.6 71.4#

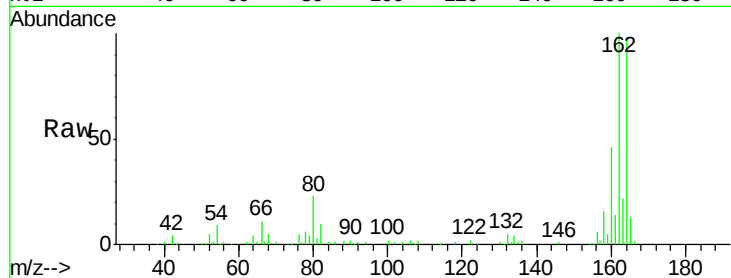




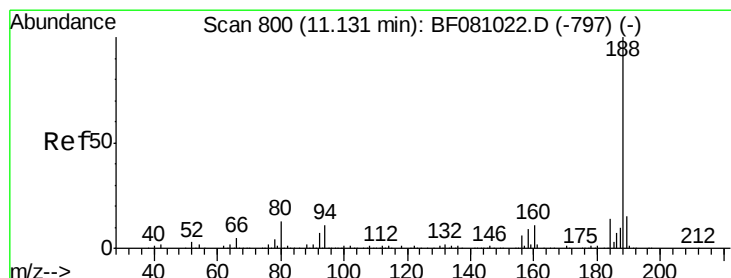
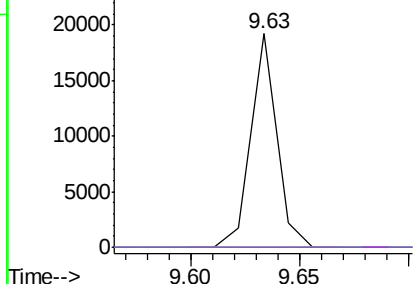
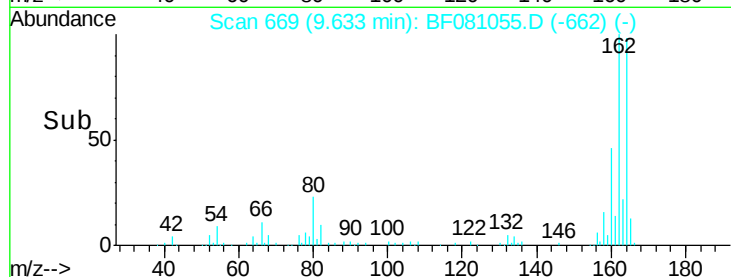
#56
2,4-Dinitrotoluene
Concen: 5.52 ng
RT: 9.63 min Scan# 669
Delta R.T. -0.22 min
Lab File: BF081055.D
Acq: 18 Aug 2015 21:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 15872
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#

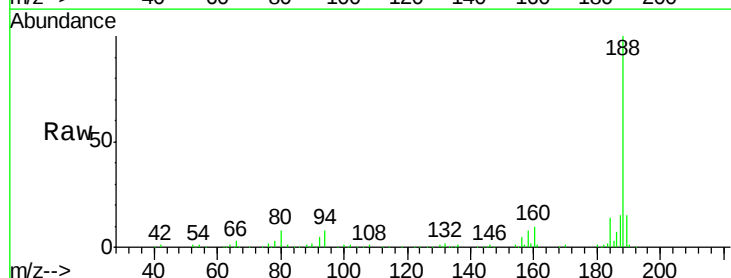


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

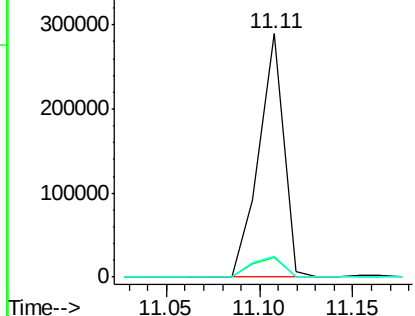
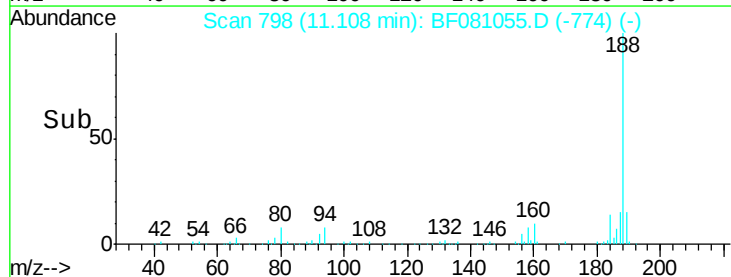


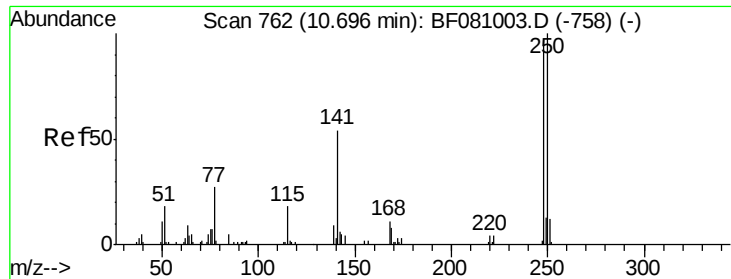
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081055.D
Acq: 18 Aug 2015 21:57

Tgt Ion:188 Resp: 267503
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.2#
80 8.4 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: 10.42 min Scan# 738

Delta R.T. -0.26 min

Lab File: BF081055.D

Acq: 18 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

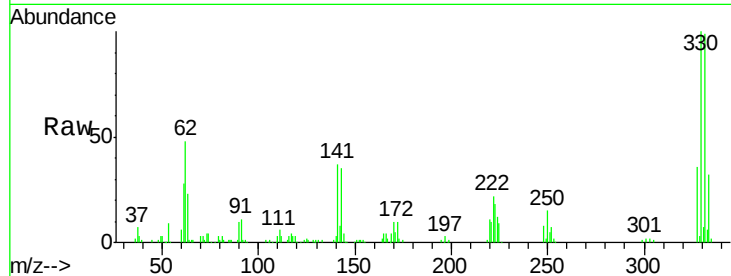
Tot Ion:248 Resp: 9556

Ion Ratio Lower Upper

248 100

250 202.3 77.8 116.6#

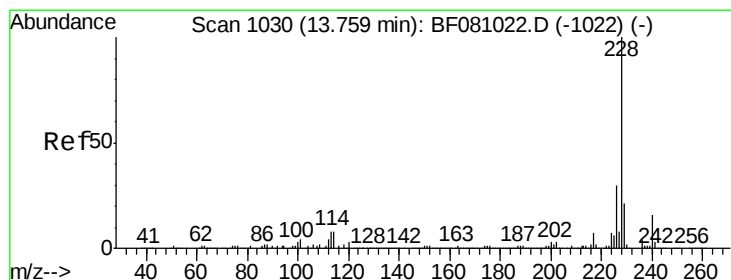
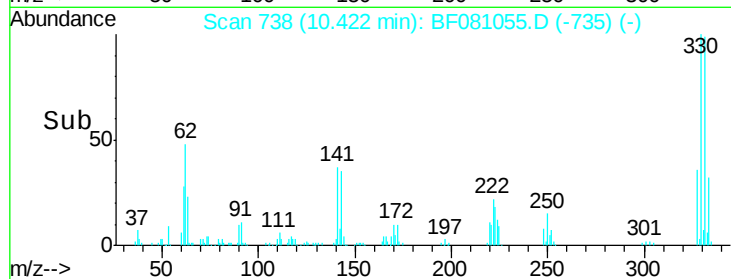
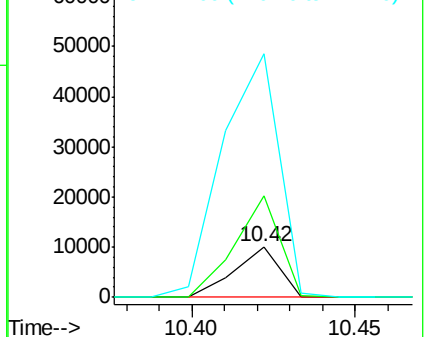
141 483.4 39.8 59.6#



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: BF081055.D

Acq: 18 Aug 2015 21:57

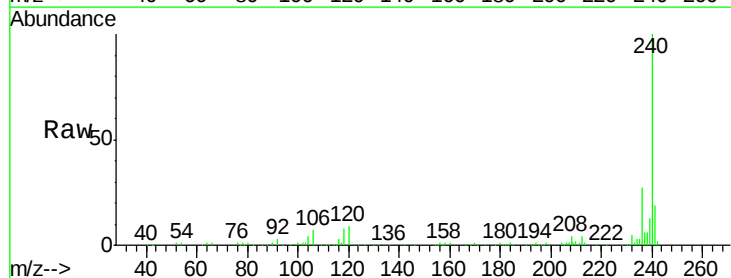
Tgt Ion:240 Resp: 247461

Ion Ratio Lower Upper

240 100

120 9.4 5.6 8.4#

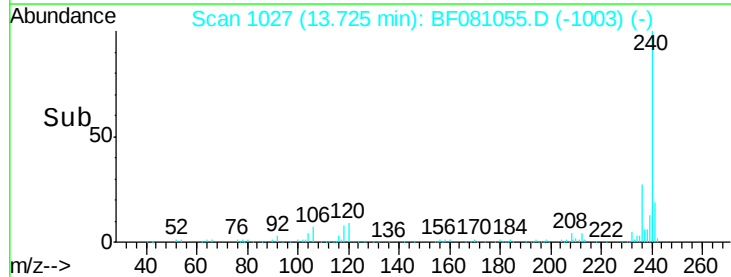
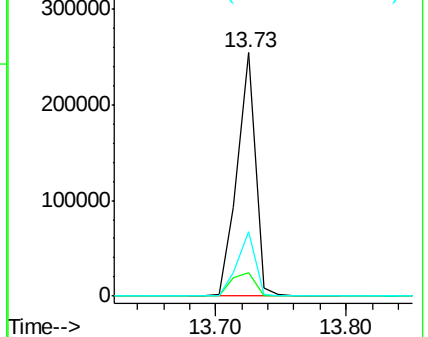
236 26.7 20.6 30.8

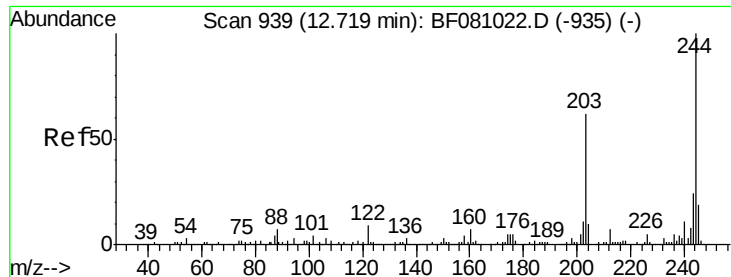


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

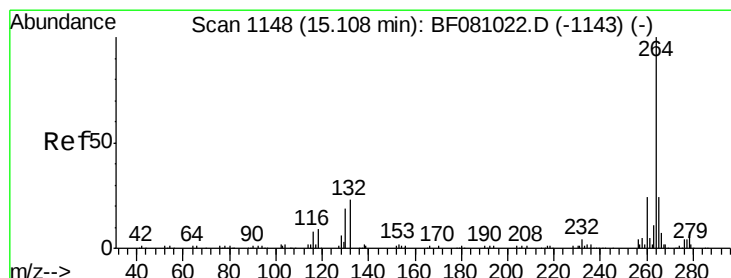
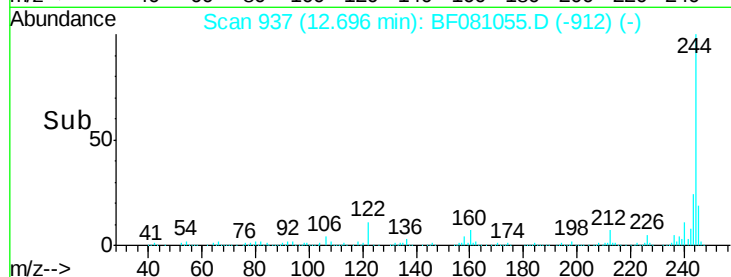
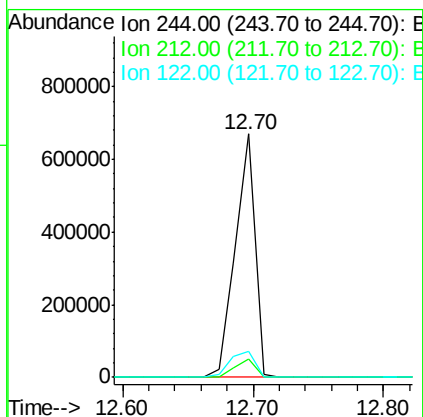
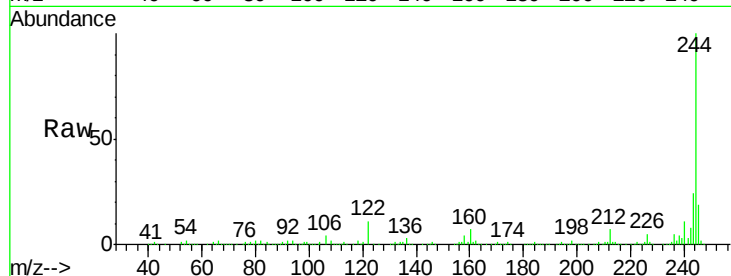




#78
 Terphenyl-d14
 Concen: 60.50 ng
 RT: 12.70 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081055.D
 Acq: 18 Aug 2015 21:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 698296
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 10.5 8.2 12.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081055.D
 Acq: 18 Aug 2015 21:57

Tgt Ion:264 Resp: 200042
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.2 17.5 26.3

