

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
 Data File : BF081153.D
 Acq On : 21 Aug 2015 19:14
 Operator : UM/IZ
 Sample : G3363-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 23:29:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

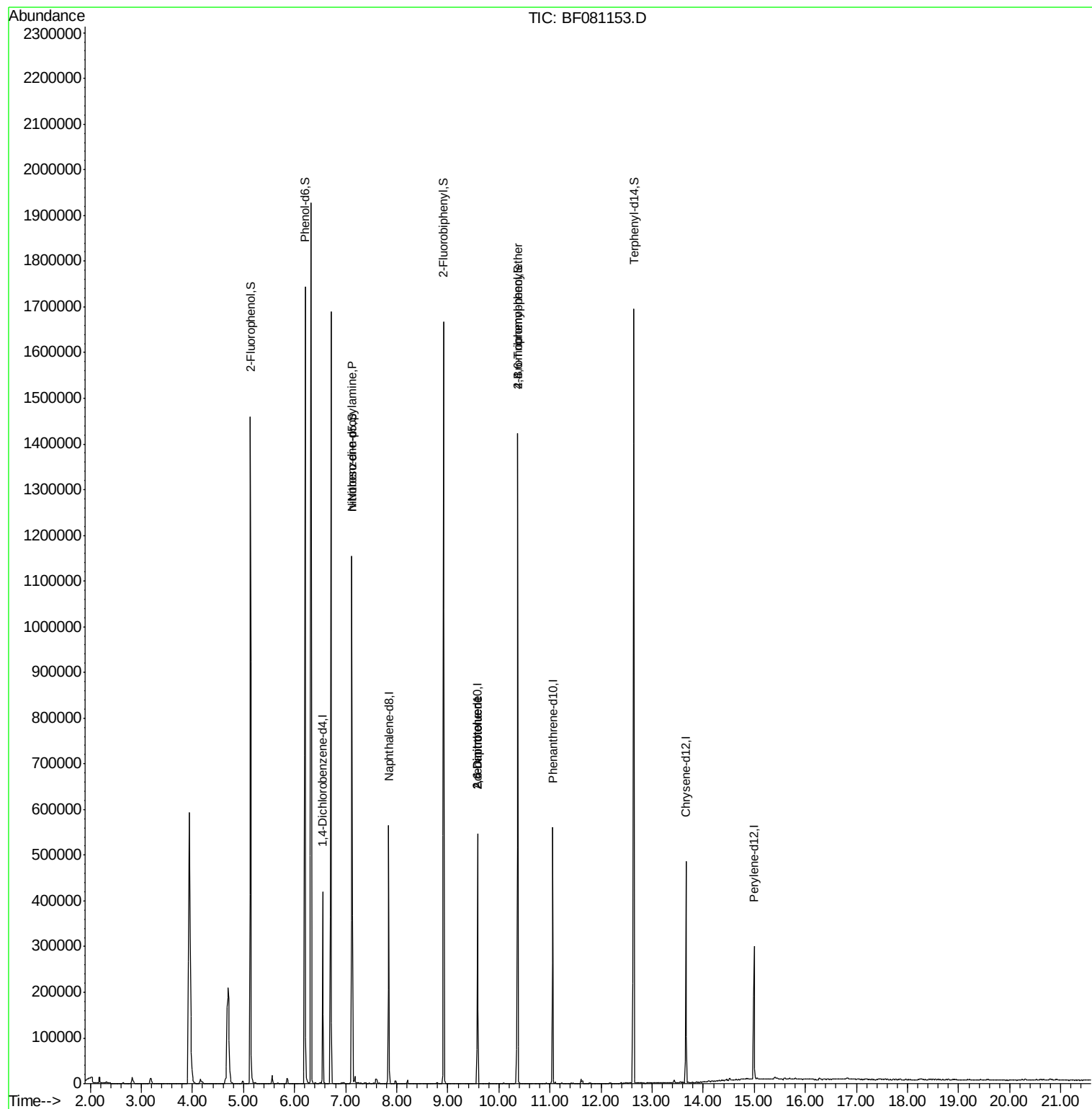
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	62221	20.00	ng	-0.01
21) Naphthalene-d8	7.84	136	260295	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	110312	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	235896	20.00	ng	0.00
75) Chrysene-d12	13.66	240	159094	20.00	ng	-0.01
86) Perylene-d12	15.00	264	128008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	504117	121.86	ng	0.02
7) Phenol-d6	6.21	99	588872	109.10	ng	0.00
23) Nitrobenzene-d5	7.12	82	432109	75.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	125949	131.71	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	759759	90.24	ng	-0.01
78) Terphenyl-d14	12.64	244	747718	100.76	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.12	70	57305	15.33	ng	# 73
50) 2,6-Dinitrotoluene	9.58	165	14008	7.18	ng	# 20
56) 2,4-Dinitrotoluene	9.58	165	14008	5.42	ng	# 16
66) 4-Bromophenyl-phenylether	10.37	248	10530	4.54	ng	# 1

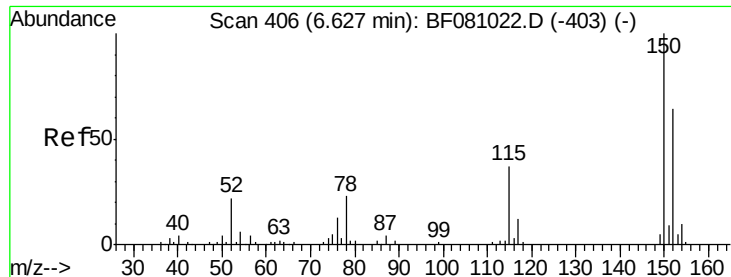
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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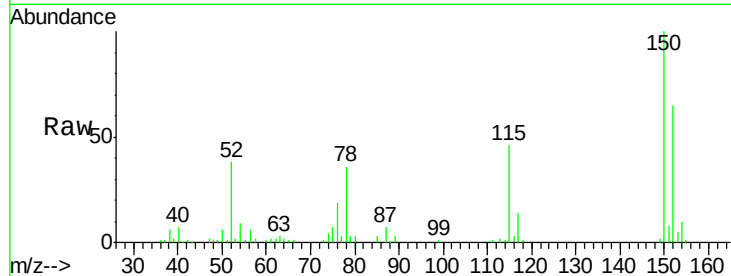


#1

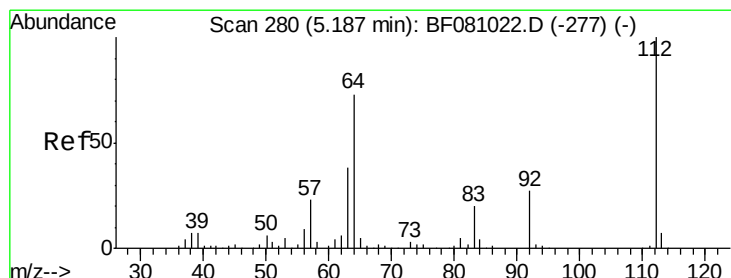
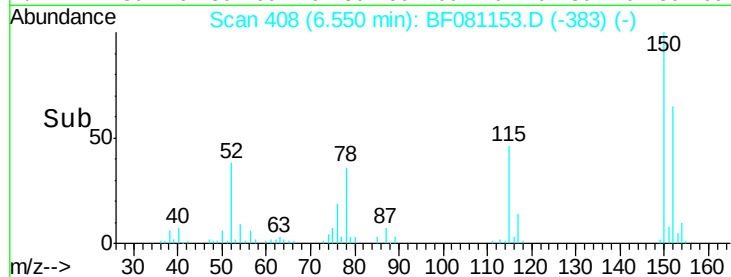
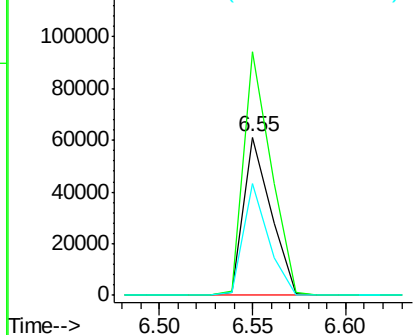
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF081153.D
Acq: 21 Aug 2015 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62221
Ion Ratio Lower Upper
152 100
150 154.1 123.8 185.6
115 70.5 52.1 78.1



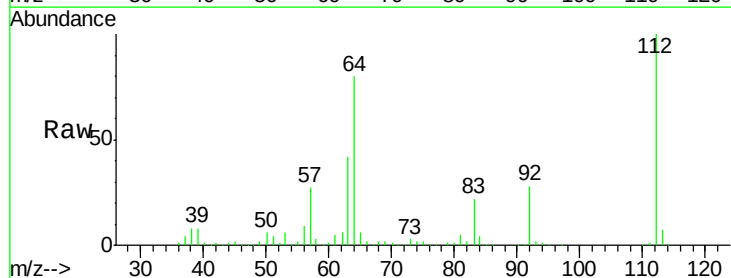
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



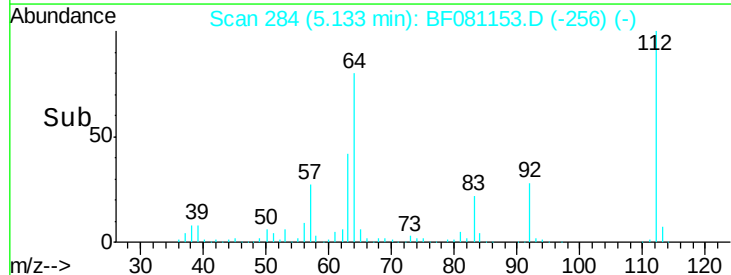
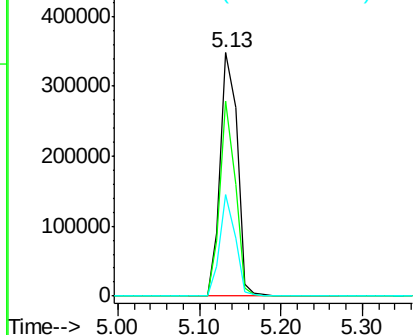
#5

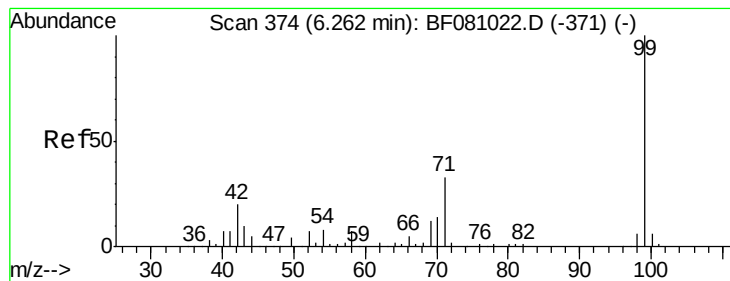
2-Fluorophenol
Concen: 121.86 ng
RT: 5.13 min Scan# 284
Delta R.T. 0.02 min
Lab File: BF081153.D
Acq: 21 Aug 2015 19:14

Tgt Ion:112 Resp: 504117
Ion Ratio Lower Upper
112 100
64 80.2 66.9 100.3
63 41.8 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: 109.10 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081153.D

Acq: 21 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

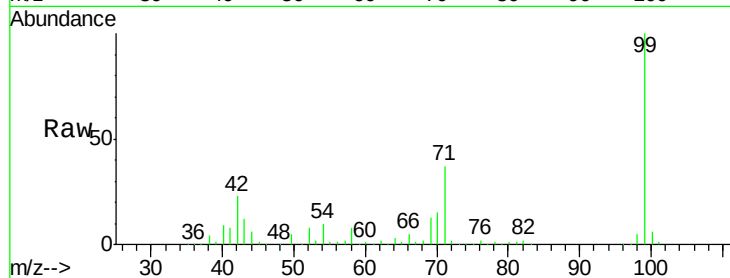
Tot Ion: 99 Resp: 588872

Ion Ratio Lower Upper

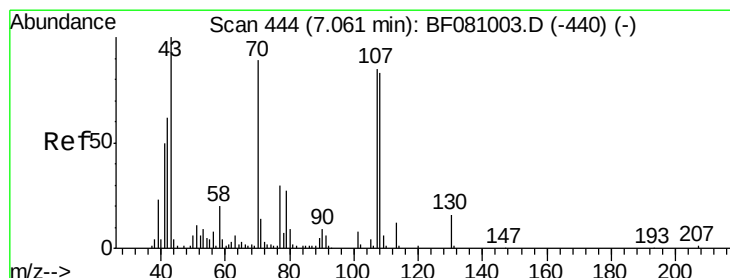
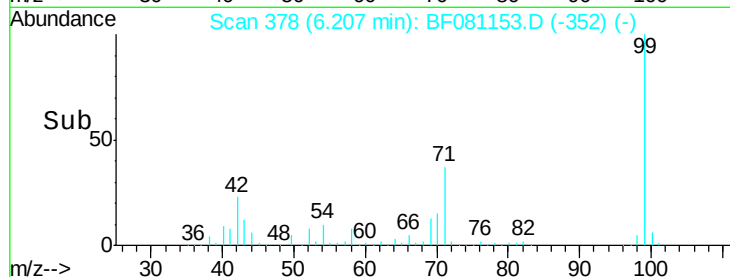
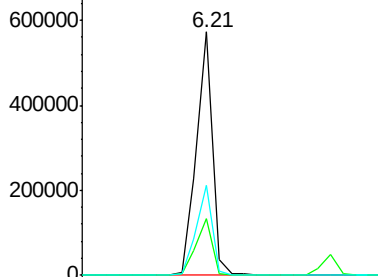
99 100

42 23.3 19.6 29.4

71 37.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.33 ng

RT: 7.12 min Scan# 458

Delta R.T. 0.13 min

Lab File: BF081153.D

Acq: 21 Aug 2015 19:14

Tgt Ion: 70 Resp: 57305

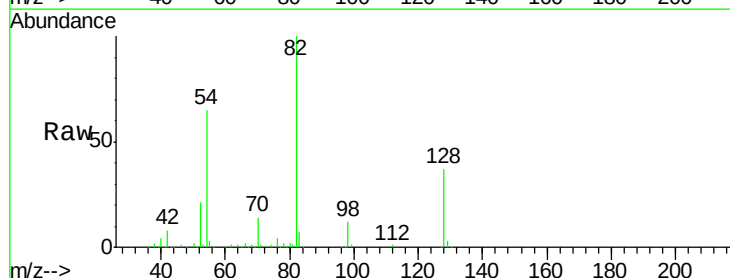
Ion Ratio Lower Upper

70 100

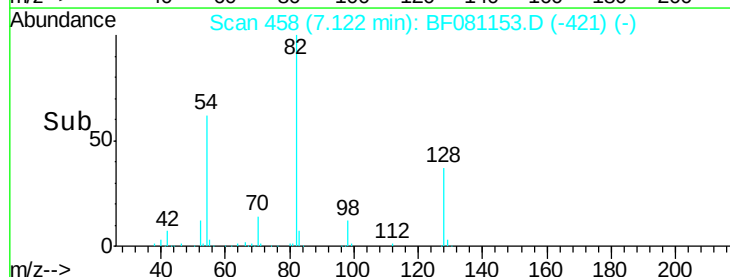
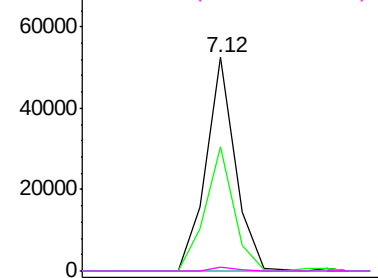
42 58.1 65.0 97.4#

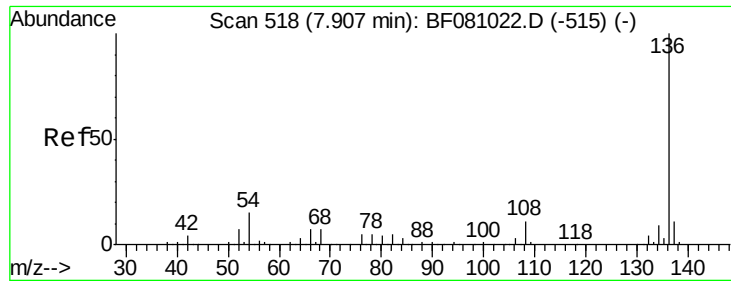
101 0.0 7.4 11.2#

130 1.8 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

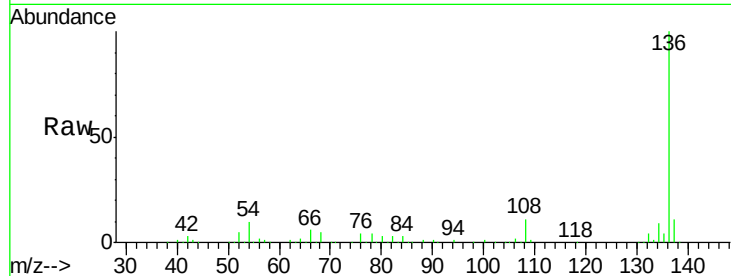




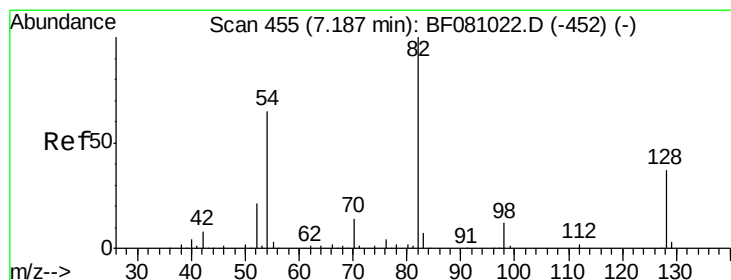
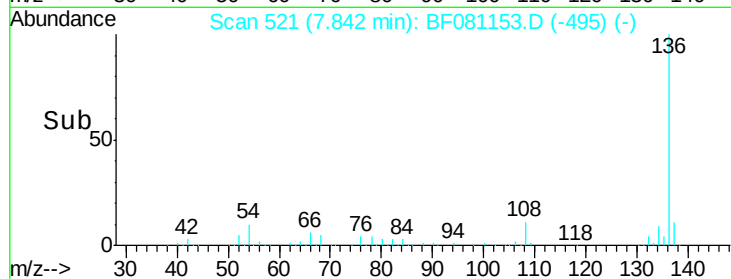
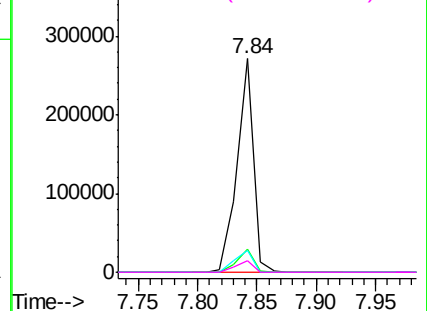
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF081153.D
Acq: 21 Aug 2015 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	260295
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	10.0	7.7	11.5
68	5.3	3.4	5.2#

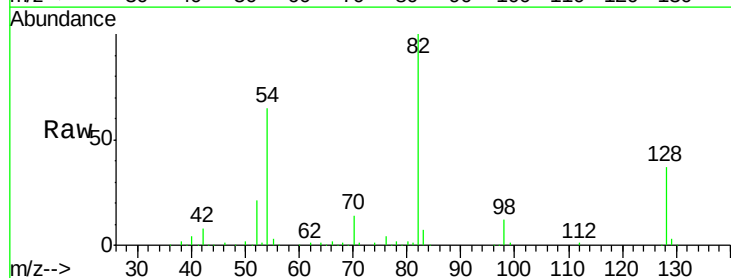


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

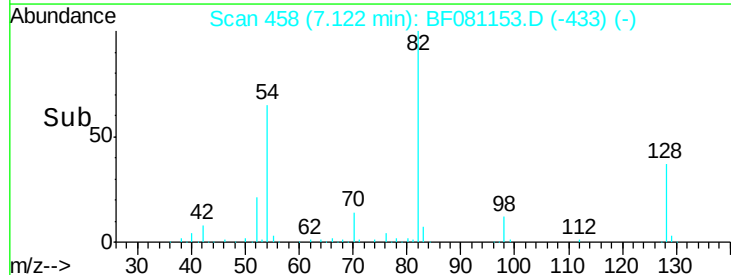
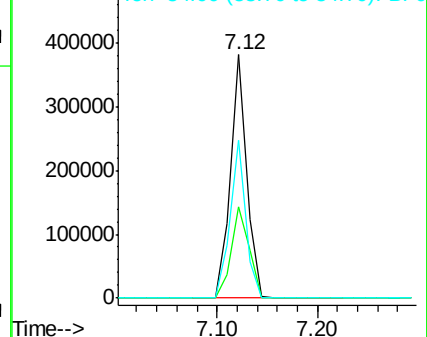


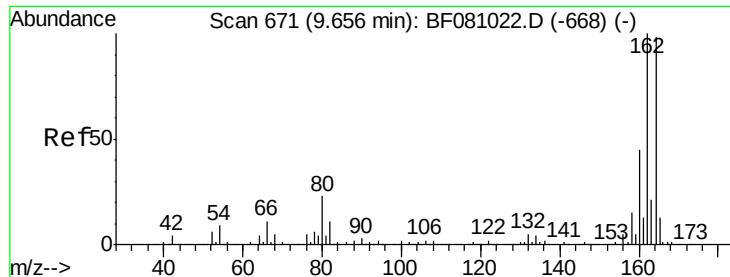
#23
Nitrobenzene-d5
Concen: 75.83 ng
RT: 7.12 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF081153.D
Acq: 21 Aug 2015 19:14

Tgt Ion:	82	Resp:	432109
Ion	Ratio	Lower	Upper
82	100		
128	37.3	28.6	42.8
54	64.6	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

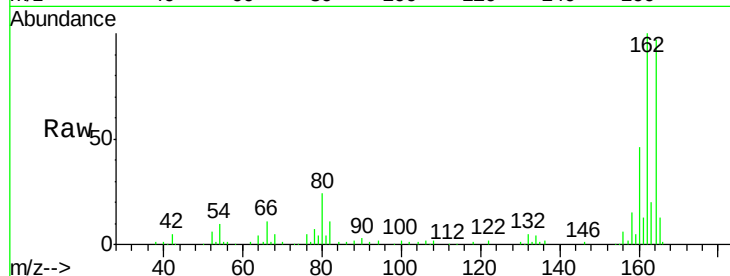




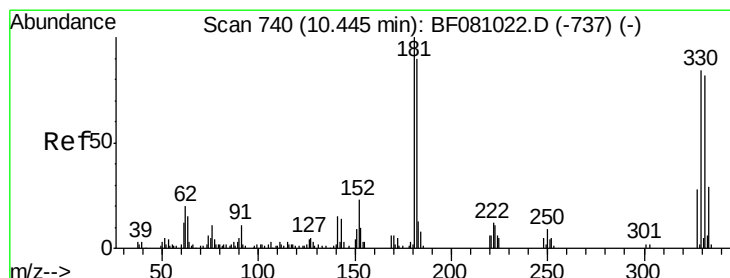
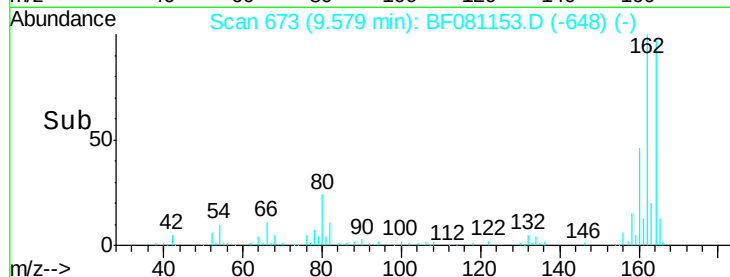
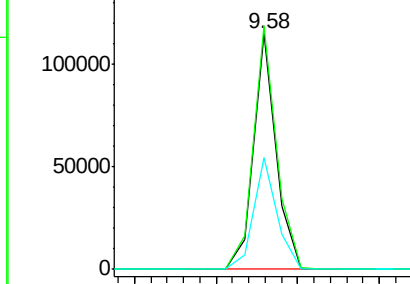
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF081153.D
 Acq: 21 Aug 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 110312
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.8 125.8
 160 47.3 39.8 59.8

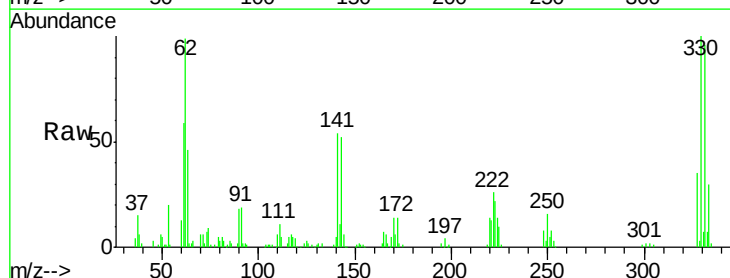


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

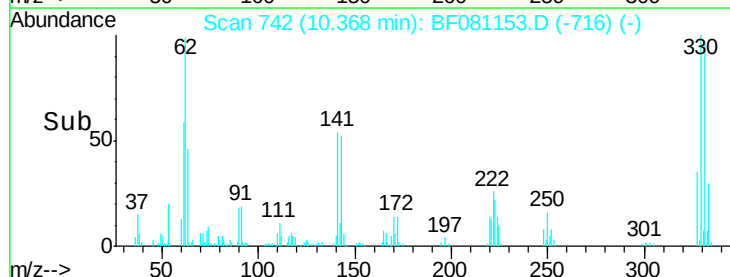
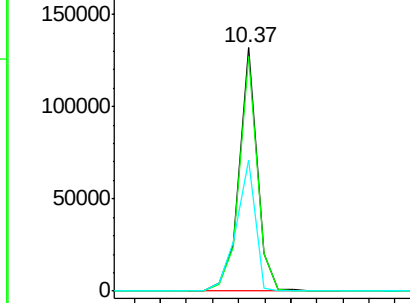


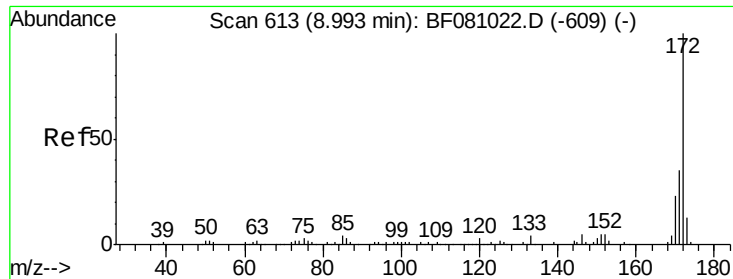
#41
 2,4,6-Tribromophenol
 Concen: 131.71 ng
 RT: 10.37 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF081153.D
 Acq: 21 Aug 2015 19:14

Tgt Ion:330 Resp: 125949
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 56.9 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

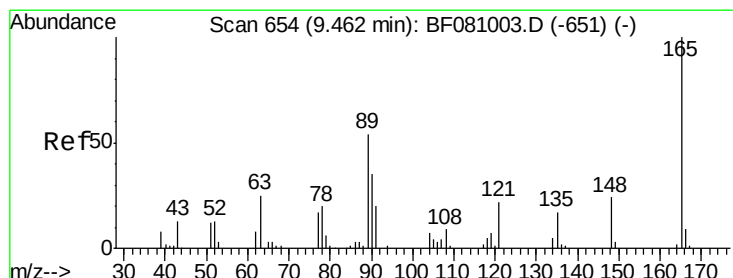
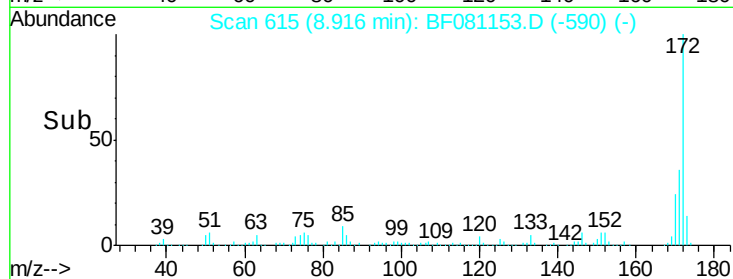
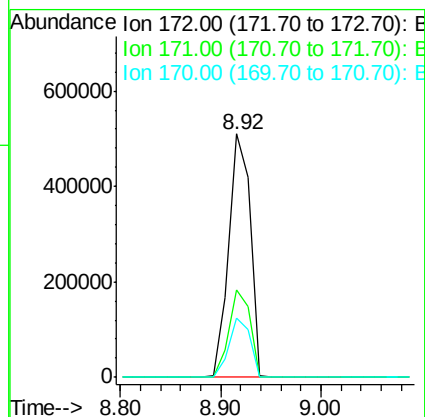
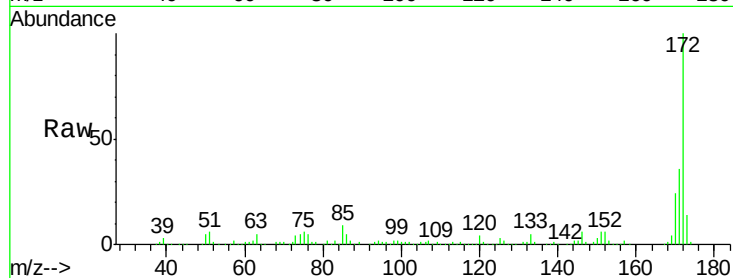




#44
2-Fluorobiphenyl
Concen: 90.24 ng
RT: 8.92 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF081153.D
Acq: 21 Aug 2015 19:14

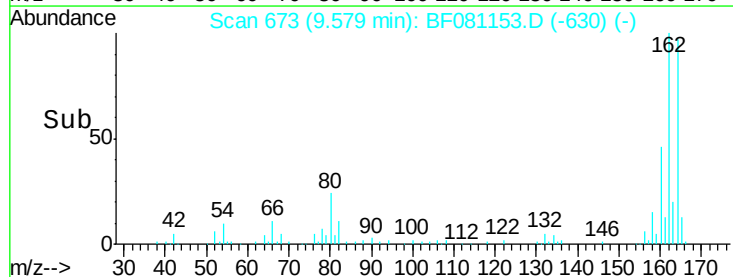
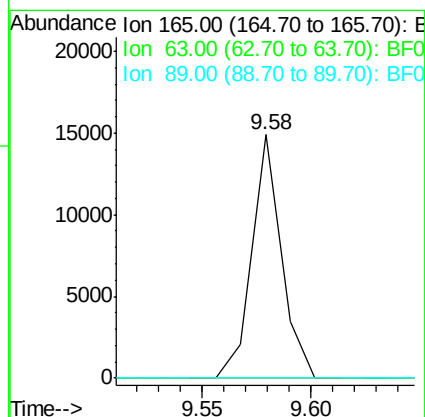
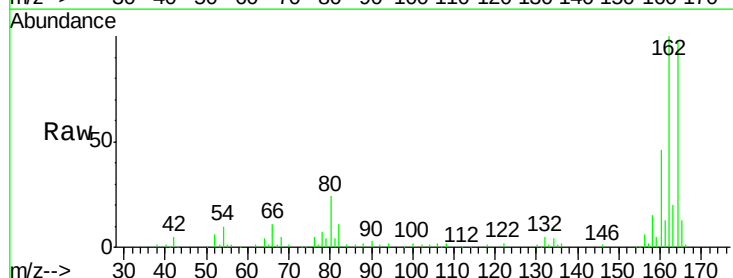
Instrument :
BNA_F
ClientSampleId :

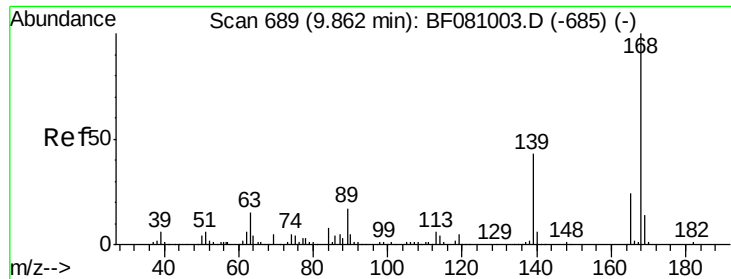
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.1	19.4	29.2



#50
2,6-Dinitrotoluene
Concen: 7.18 ng
RT: 9.58 min Scan# 673
Delta R.T. 0.19 min
Lab File: BF081153.D
Acq: 21 Aug 2015 19:14

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

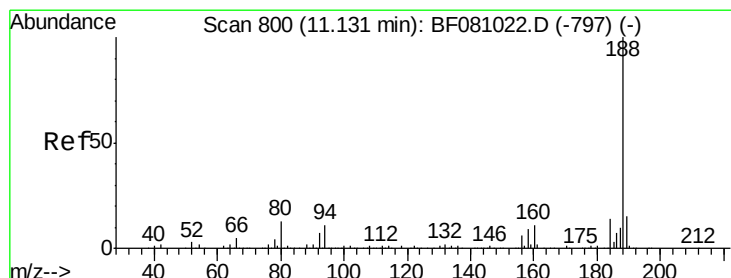
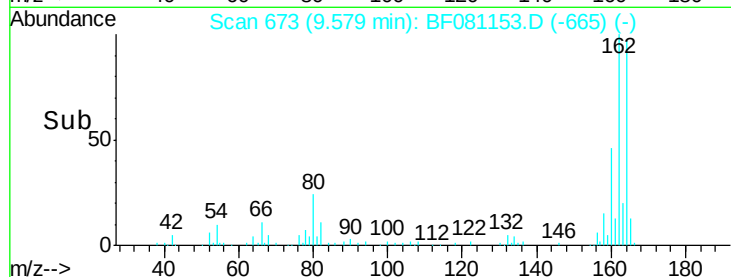
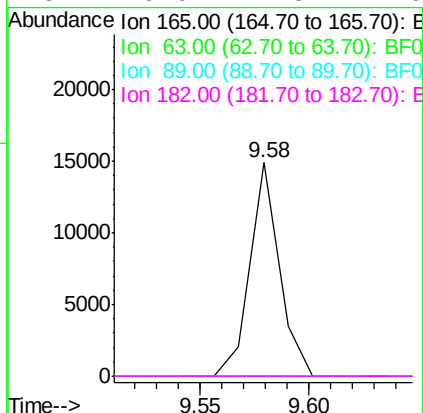
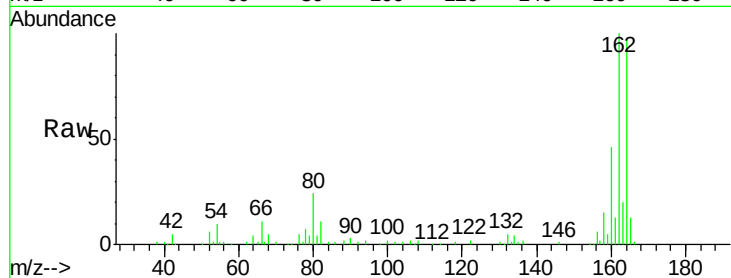




#56
 2,4-Dinitrotoluene
 Concen: 5.42 ng
 RT: 9.58 min Scan# 673
 Delta R.T. -0.21 min
 Lab File: BF081153.D
 Acq: 21 Aug 2015 19:14

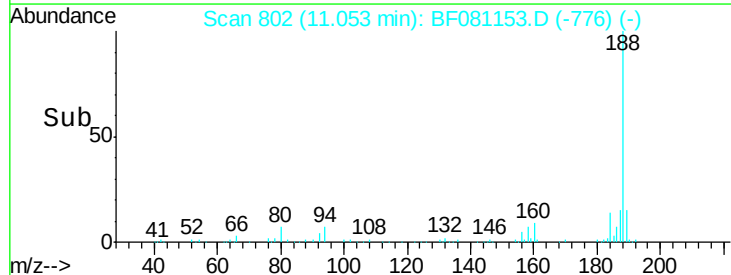
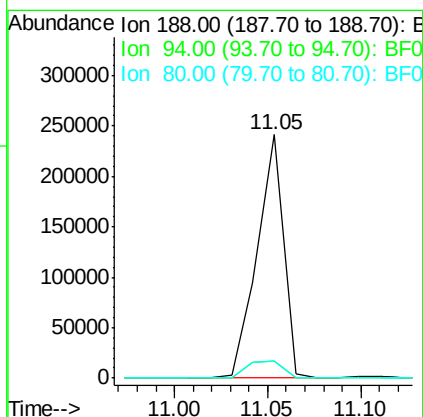
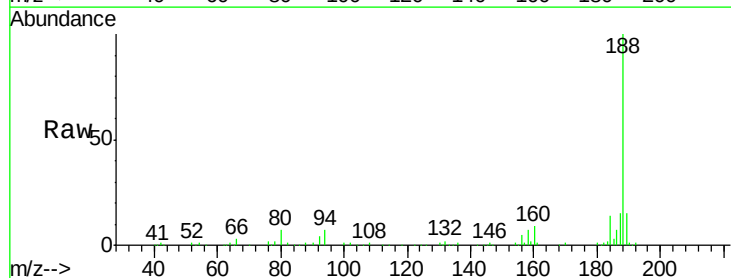
Instrument :
 BNA_F
 ClientSampleId :

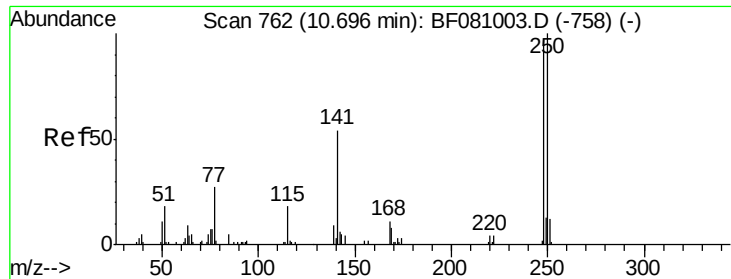
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF081153.D
 Acq: 21 Aug 2015 19:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	8.2	12.2#
80	7.0	9.5	14.3#





#66

4-Bromophenyl-phenylether

Concen: 4.54 ng

RT: 10.37 min Scan# 742

Delta R.T. -0.24 min

Lab File: BF081153.D

Acq: 21 Aug 2015 19:14

Instrument :

BNA_F

ClientSampled :

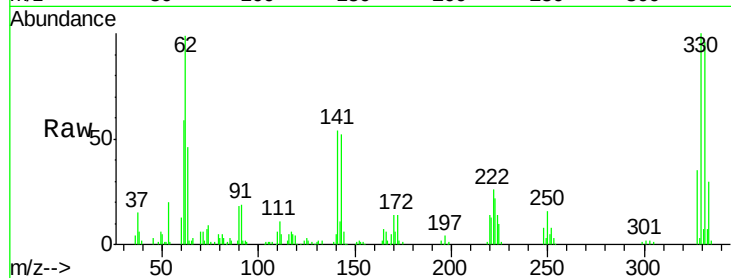
Tot Ion:248 Resp: 10530

Ion Ratio Lower Upper

248 100

250 191.1 77.8 116.6#

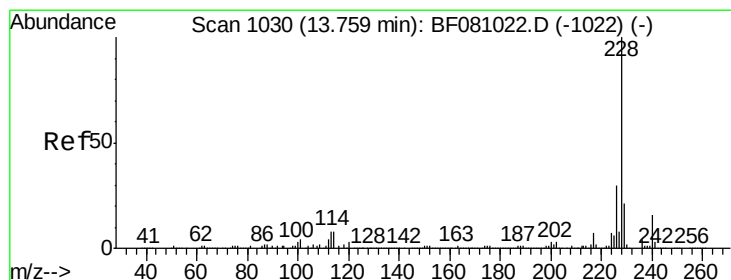
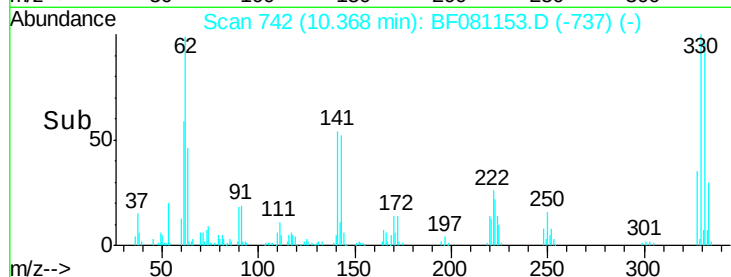
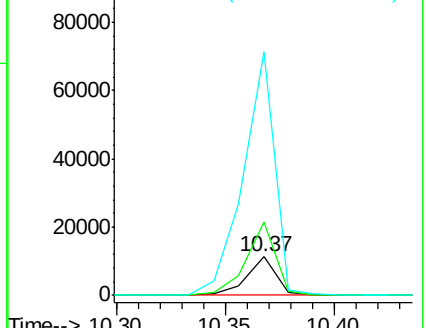
141 636.6 39.8 59.6#



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: 13.66 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF081153.D

Acq: 21 Aug 2015 19:14

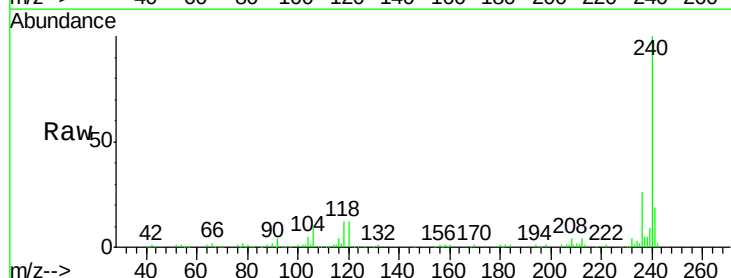
Tgt Ion:240 Resp: 159094

Ion Ratio Lower Upper

240 100

120 12.4 5.6 8.4#

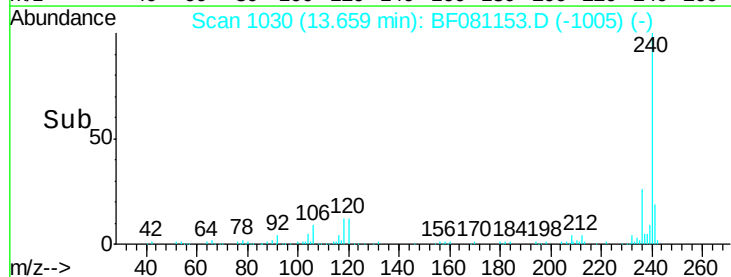
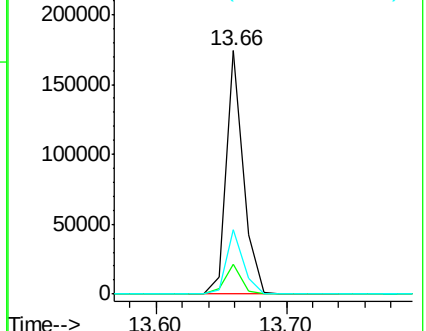
236 26.2 20.6 30.8

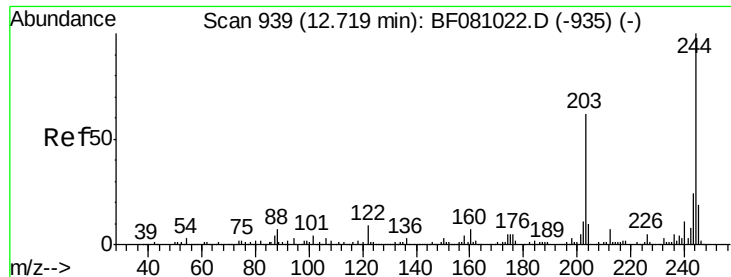


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

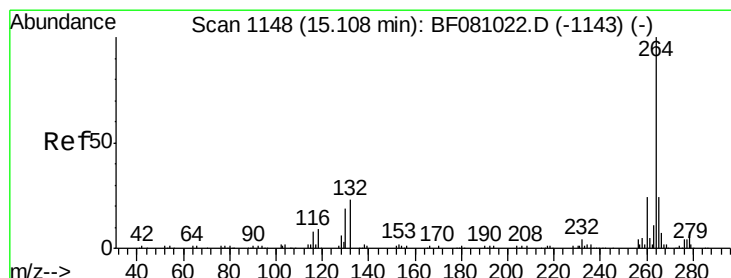
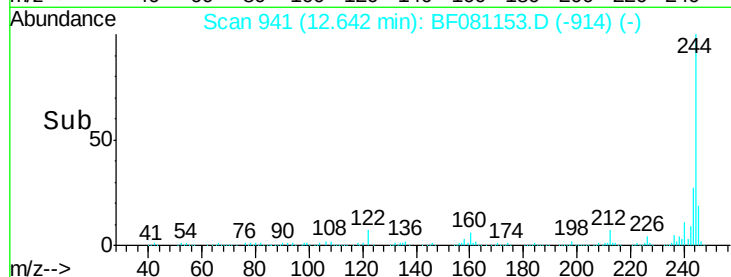
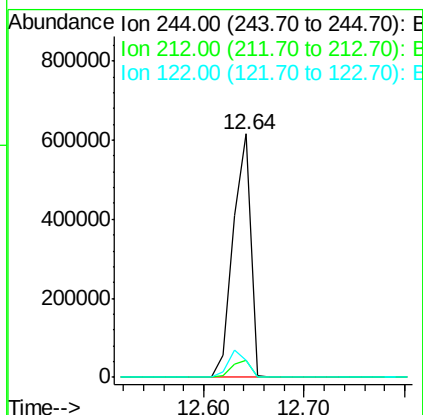
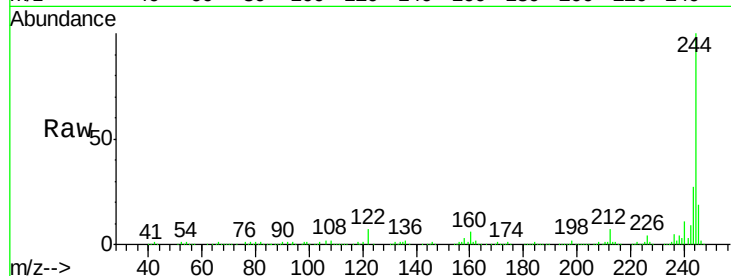




#78
 Terphenyl-d14
 Concen: 100.76 ng
 RT: 12.64 min Scan# 941
 Delta R.T. 0.01 min
 Lab File: BF081153.D
 Acq: 21 Aug 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 747718
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 7.1 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.00 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF081153.D
 Acq: 21 Aug 2015 19:14

Tgt Ion:264 Resp: 128008
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 21.6 17.5 26.3

