

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080082.D
 Acq On : 20 Jun 2015 5:30
 Operator : TP/IZ
 Sample : G2698-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP1-LF2RES

Quant Time: Jun 20 06:29:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

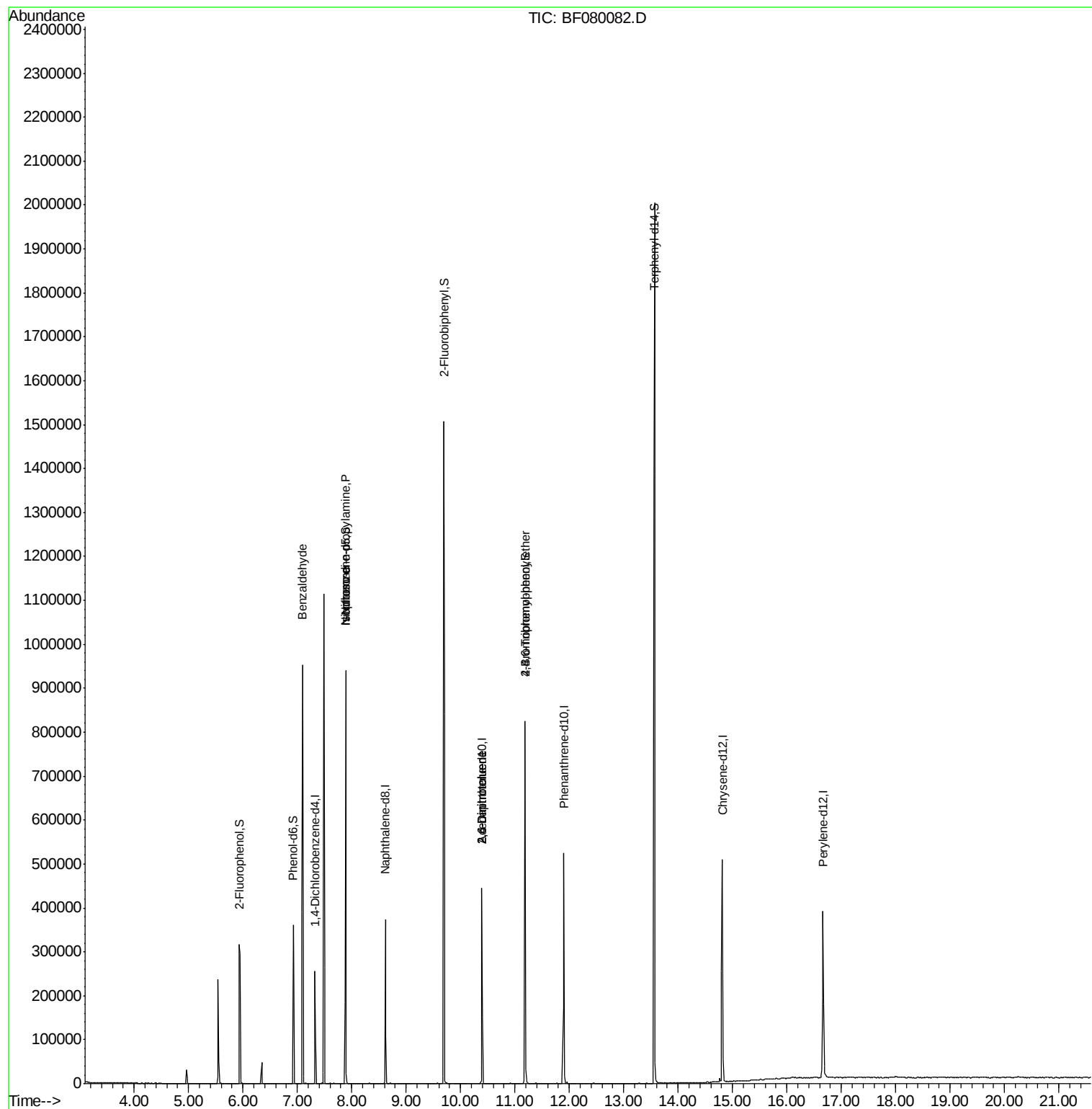
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	39651	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	166550	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	90435	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	205841	20.00	ng	-0.01
75) Chrysene-d12	14.81	240	226353	20.00	ng	-0.05
86) Perylene-d12	16.67	264	214196	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	123495	55.13	ng	0.00
7) Phenol-d6	6.93	99	106323	35.67	ng	-0.01
23) Nitrobenzene-d5	7.89	82	275190	96.19	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	135680	153.43	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	569437	89.80	ng	-0.01
78) Terphenyl-d14	13.57	244	856075	88.33	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.10	77	5937	3.45	ng	# 64
19) n-Nitroso-di-n-propylamine	7.89	70	35201	17.01	ng	# 58
25) Isophorone	7.89	82	275176	47.79	ng	# 58
50) 2,6-Dinitrotoluene	10.39	165	11827	8.68	ng	# 37
56) 2,4-Dinitrotoluene	10.39	165	11829	6.84	ng	# 31
66) 4-Bromophenyl-phenylether	11.19	248	9334	4.26	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080082.D
Acq On : 20 Jun 2015 5:30
Operator : TP/IZ
Sample : G2698-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP1-LF2RES

Quant Time: Jun 20 06:29:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration



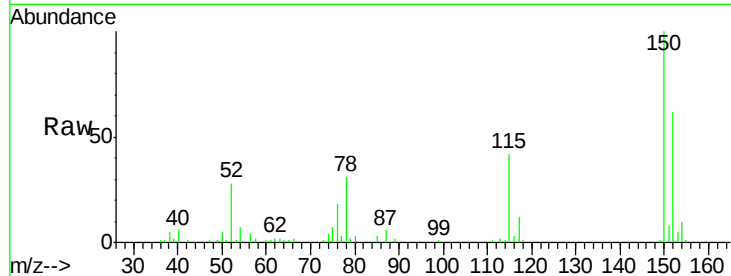


#1

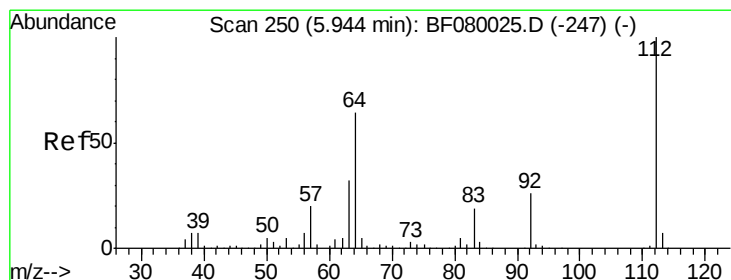
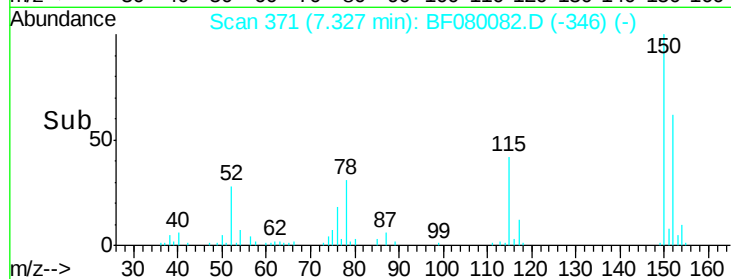
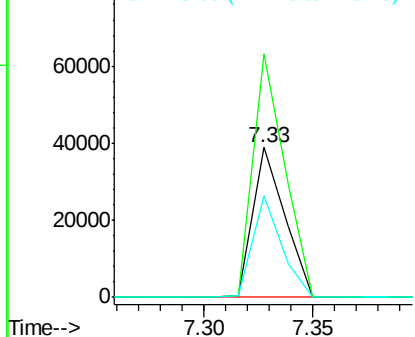
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF080082.D
Acq: 20 Jun 2015 5:30

Instrument :
BNA_F
ClientSampleId :
SP1-LF2RES0

Tgt Ion:152 Resp: 39651
Ion Ratio Lower Upper
152 100
150 162.2 124.7 187.1
115 67.9 39.0 58.4#



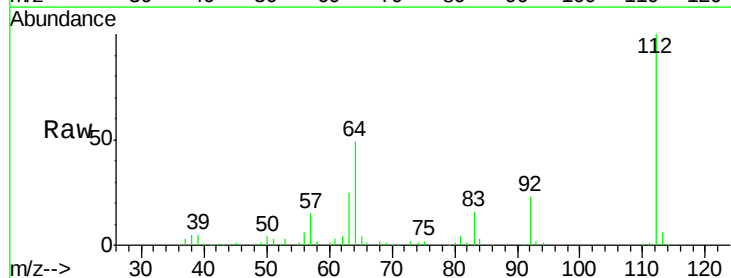
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



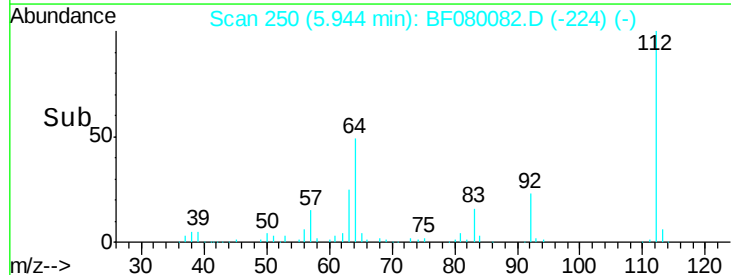
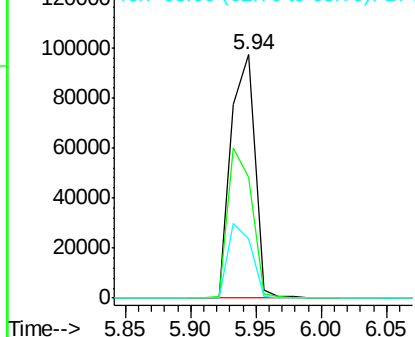
#5

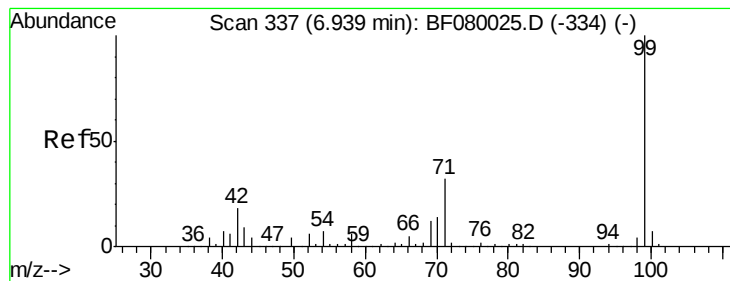
2-Fluorophenol
Concen: 55.13 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080082.D
Acq: 20 Jun 2015 5:30

Tgt Ion:112 Resp: 123495
Ion Ratio Lower Upper
112 100
64 49.4 39.7 59.5
63 24.6 17.4 26.0



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: 35.67 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080082.D

Acq: 20 Jun 2015 5:30

Instrument :

BNA_F

ClientSampleId :

SP1-LF2RES

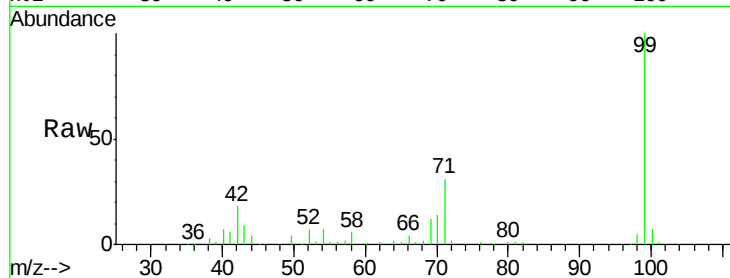
Tgt Ion: 99 Resp: 106323

Ion Ratio Lower Upper

99 100

42 17.7 13.7 20.5

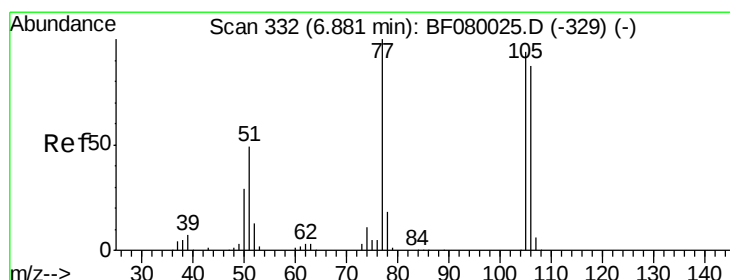
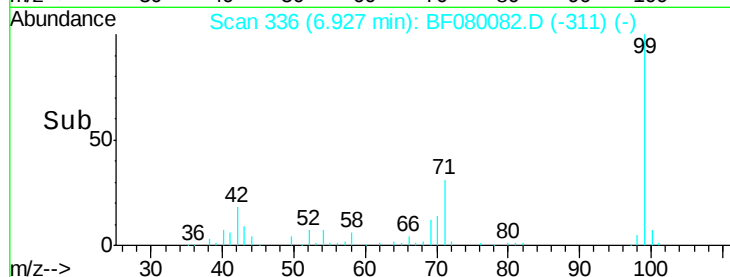
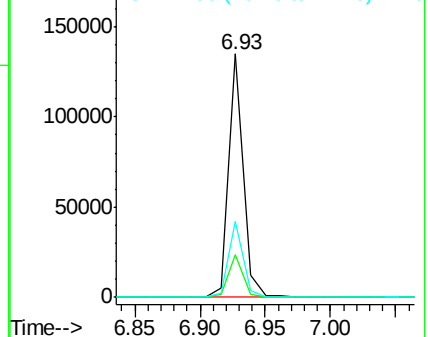
71 31.1 14.2 21.2#



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: 7.10 min Scan# 351

Delta R.T. 0.22 min

Lab File: BF080082.D

Acq: 20 Jun 2015 5:30

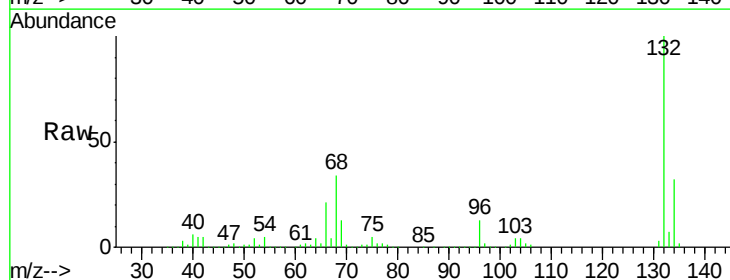
Tgt Ion: 77 Resp: 5937

Ion Ratio Lower Upper

77 100

105 83.0 91.6 131.6#

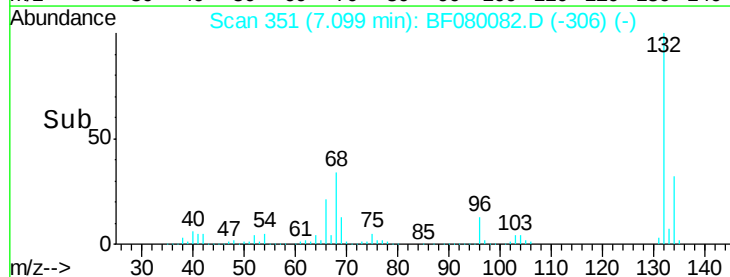
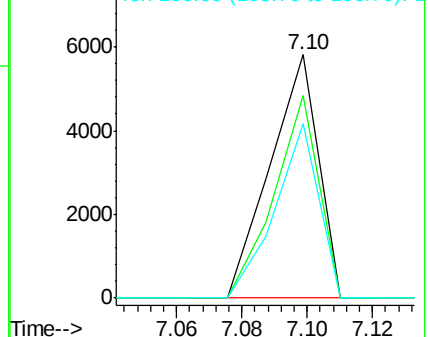
106 71.8 102.6 142.6#

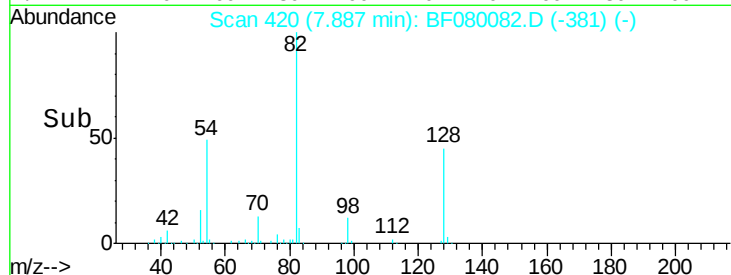
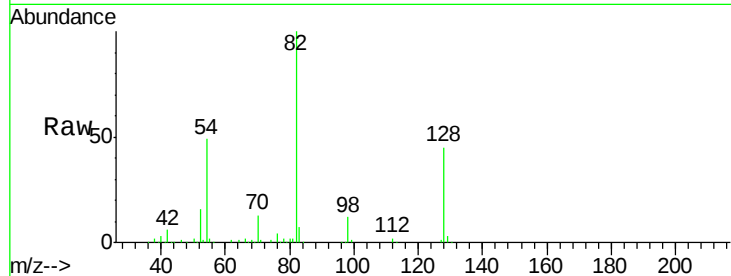
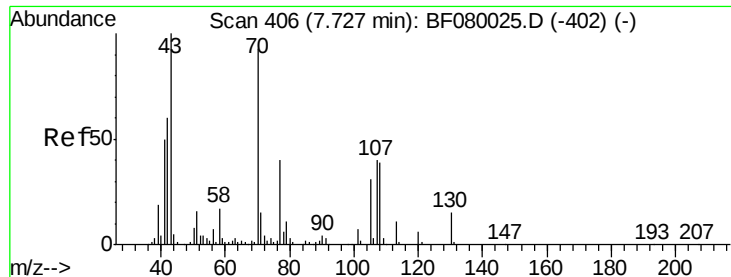


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

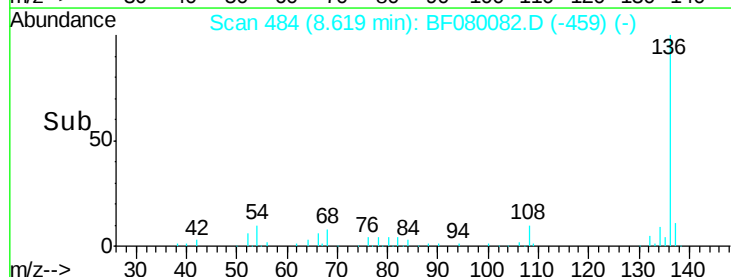
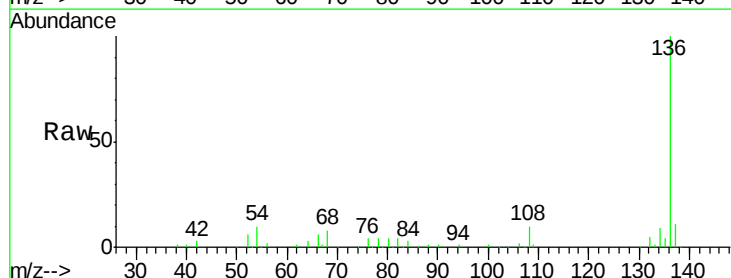
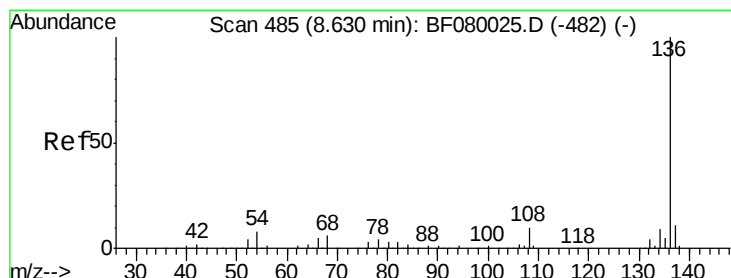
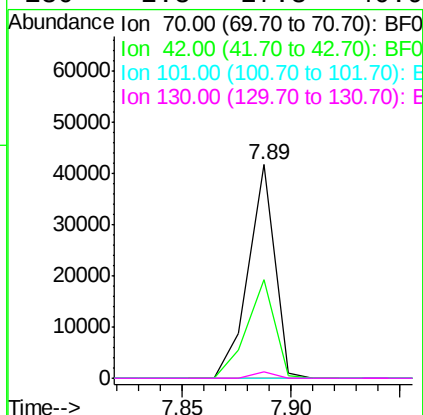




#19
n-Nitroso-di-n-propylamine
Concen: 17.01 ng
RT: 7.89 min Scan# 420
Delta R.T. 0.15 min
Lab File: BF080082.D
Acq: 20 Jun 2015 5:30

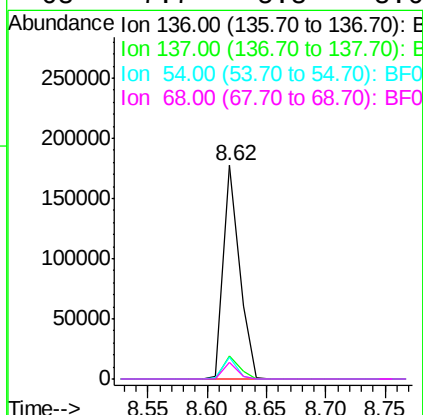
Instrument :
BNA_F
ClientSampleId :
SP1-LF2RES0

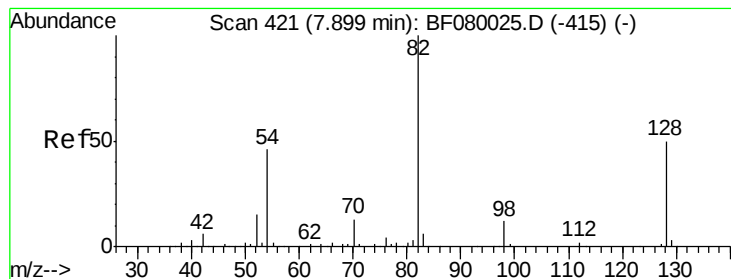
Tgt Ion: 70 Resp: 35201
Ion Ratio Lower Upper
70 100
42 46.2 63.8 95.6#
101 0.0 9.2 13.8#
130 2.8 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080082.D
Acq: 20 Jun 2015 5:30

Tgt Ion: 136 Resp: 166550
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.3 8.2 12.2
68 7.7 5.8 8.6





#23

Nitrobenzene-d5

Concen: 96.19 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF080082.D

Acq: 20 Jun 2015 5:30

Instrument :

BNA_F

ClientSampleId :

SP1-LF2RES

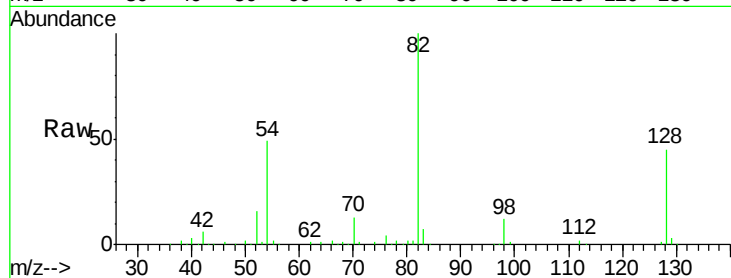
Tgt Ion: 82 Resp: 275190

Ion Ratio Lower Upper

82 100

128 44.9 51.0 76.6#

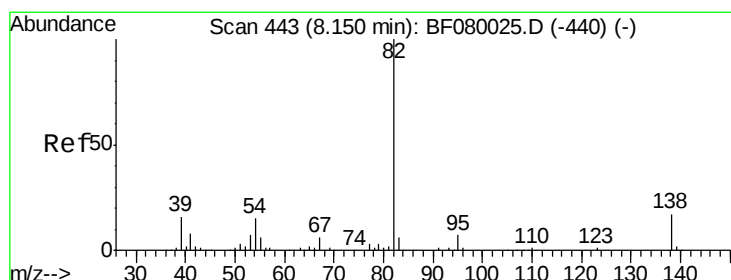
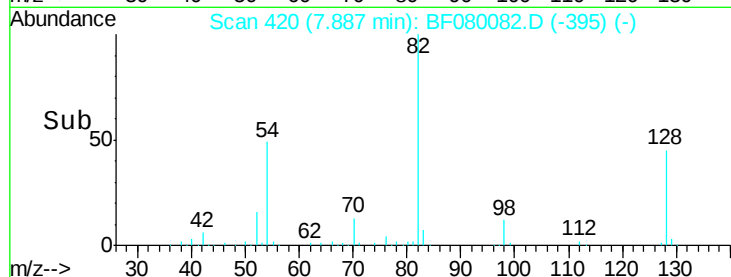
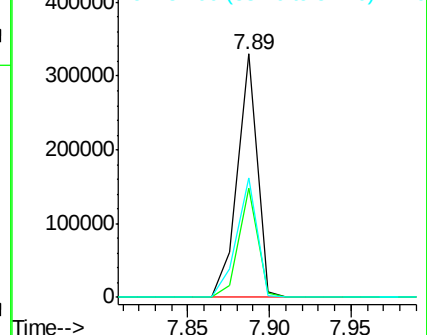
54 48.8 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 47.79 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.26 min

Lab File: BF080082.D

Acq: 20 Jun 2015 5:30

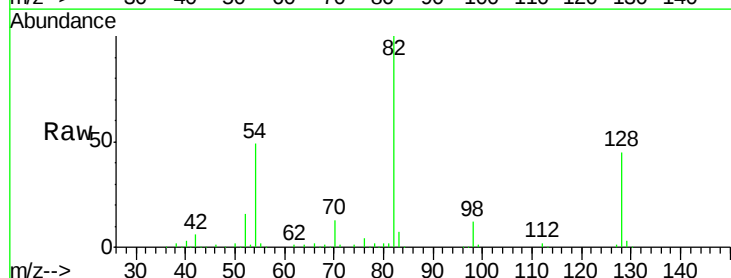
Tgt Ion: 82 Resp: 275176

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

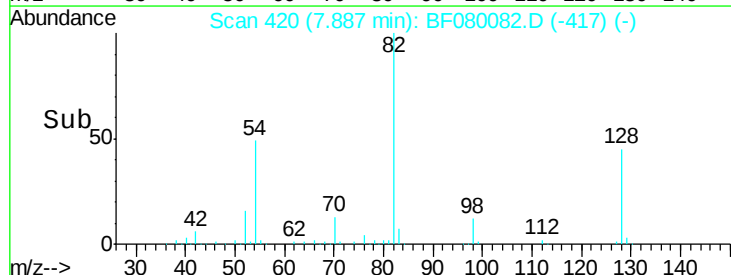
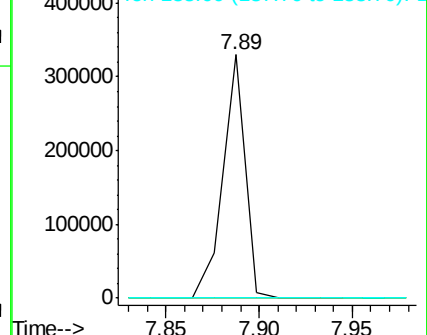
138 0.0 18.3 27.5#

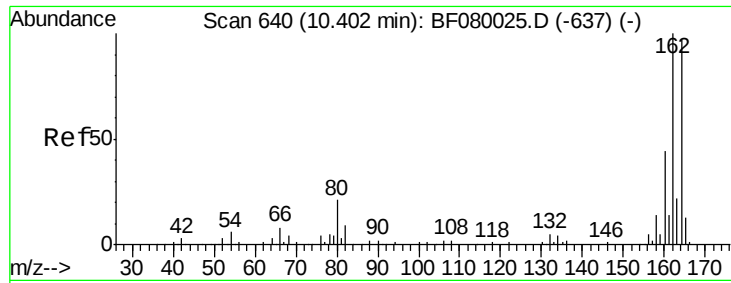


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

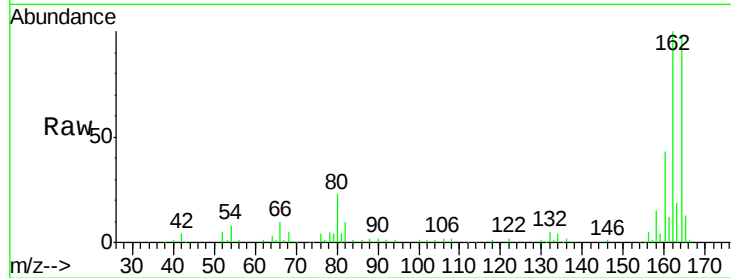




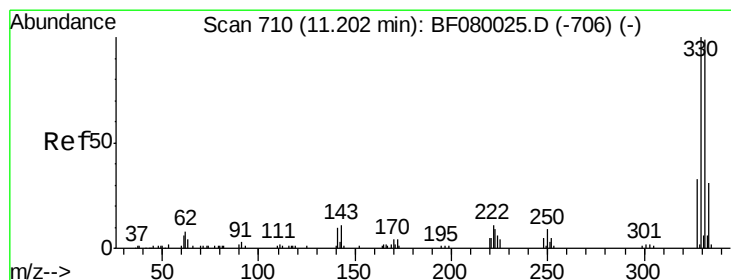
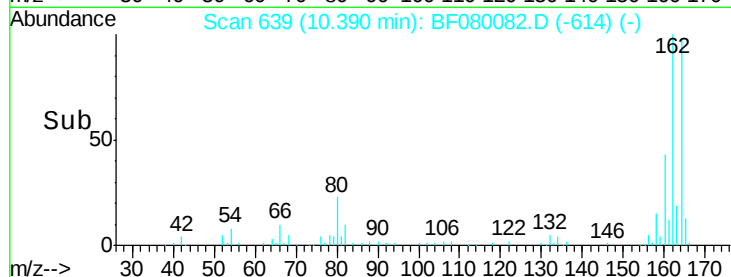
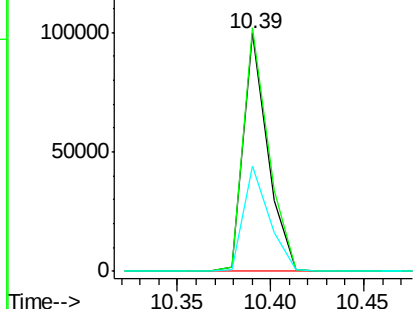
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF080082.D
 Acq: 20 Jun 2015 5:30

Instrument :
 BNA_F
 ClientSampleId :
 SP1-LF2RES

Tgt Ion:164 Resp: 90435
 Ion Ratio Lower Upper
 164 100
 162 102.2 75.2 112.8
 160 44.0 31.5 47.3

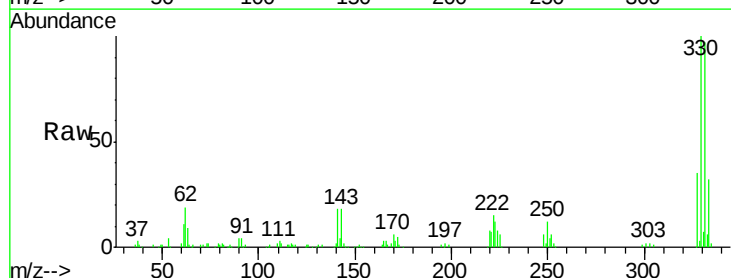


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

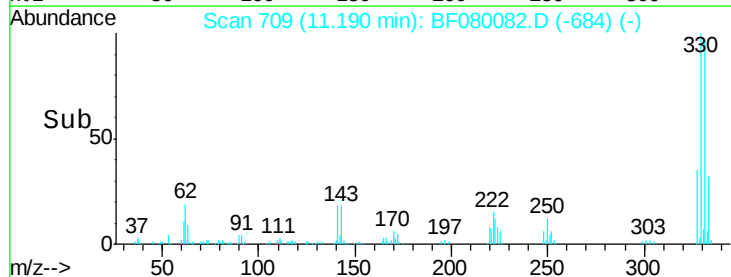
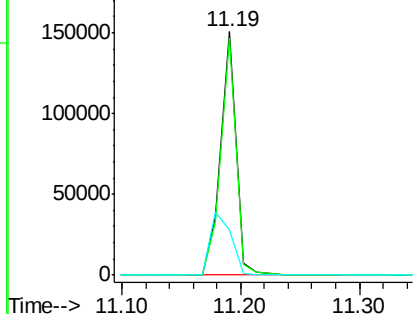


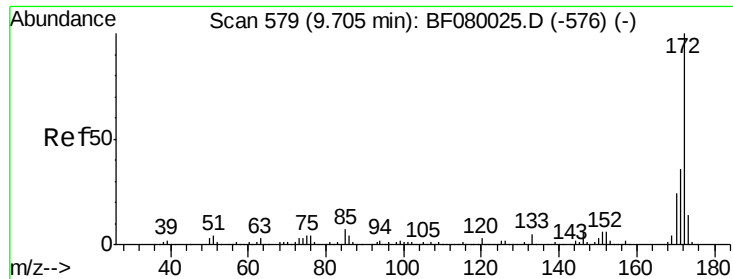
#41
 2,4,6-Tribromophenol
 Concen: 153.43 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080082.D
 Acq: 20 Jun 2015 5:30

Tgt Ion:330 Resp: 135680
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 35.1 29.7 44.5



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

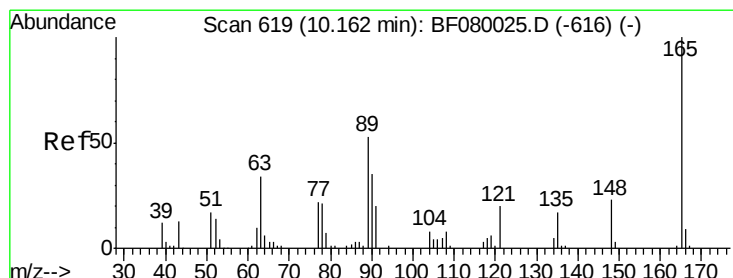
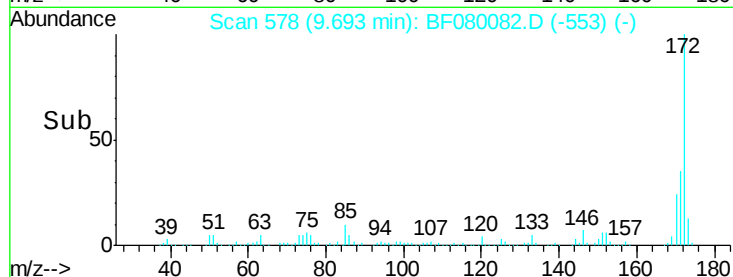
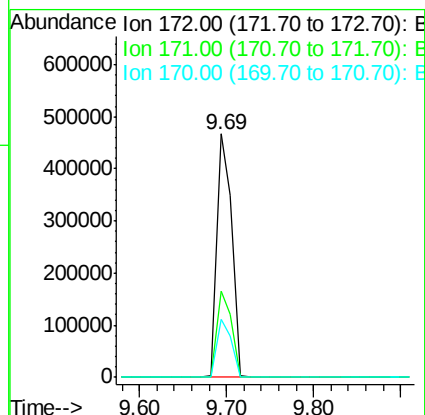
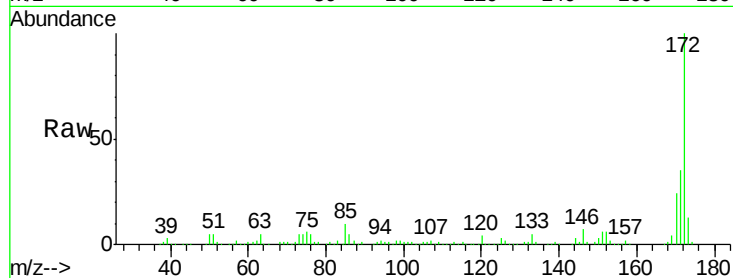




#44
 2-Fluorobiphenyl
 Concen: 89.80 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080082.D
 Acq: 20 Jun 2015 5:30

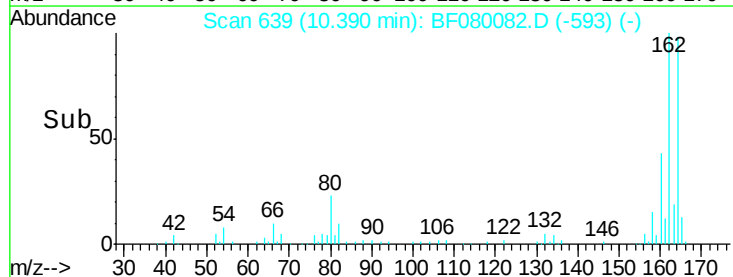
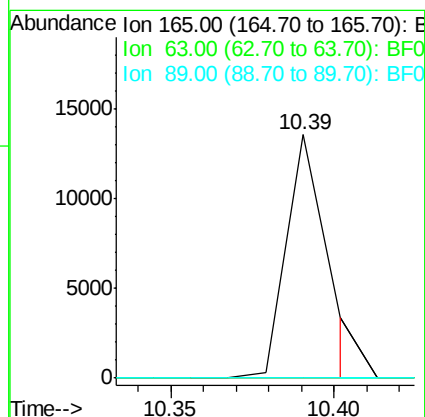
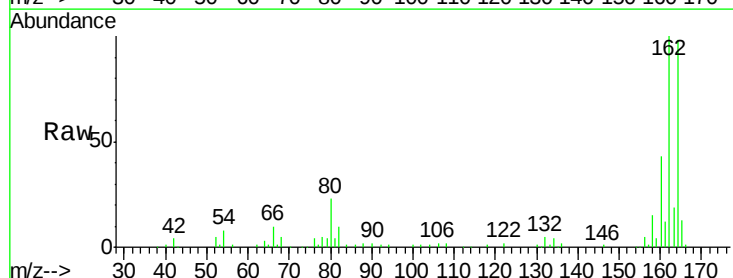
Instrument :
 BNA_F
 ClientSampleId :
 SP1-LF2RES0

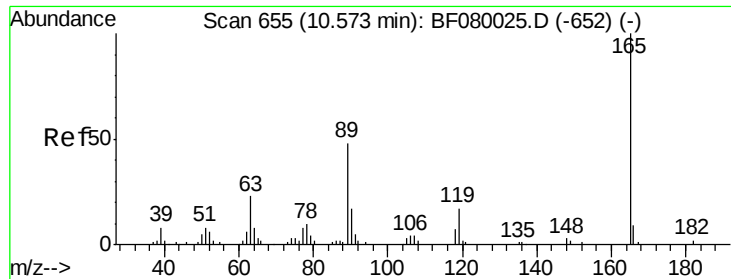
Tgt Ion:172 Resp: 569437
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.8 17.4 26.2



#50
 2,6-Dinitrotoluene
 Concen: 8.68 ng
 RT: 10.39 min Scan# 639
 Delta R.T. 0.23 min
 Lab File: BF080082.D
 Acq: 20 Jun 2015 5:30

Tgt Ion:165 Resp: 11827
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 0.0 28.6 43.0#

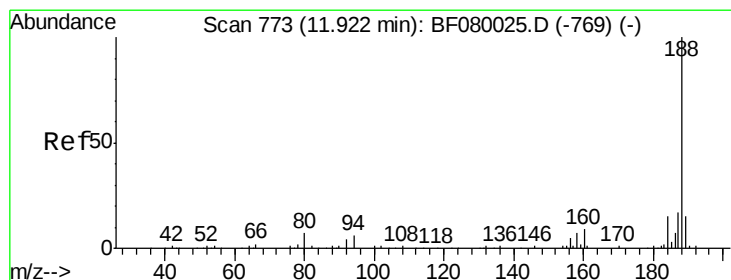
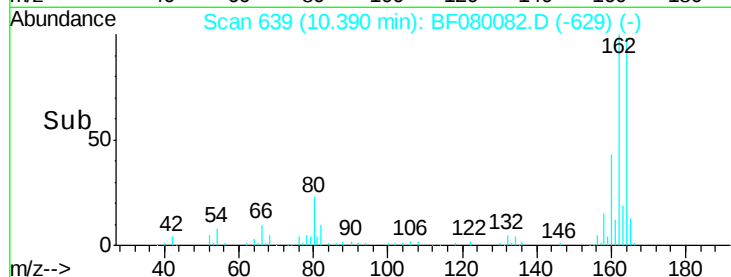
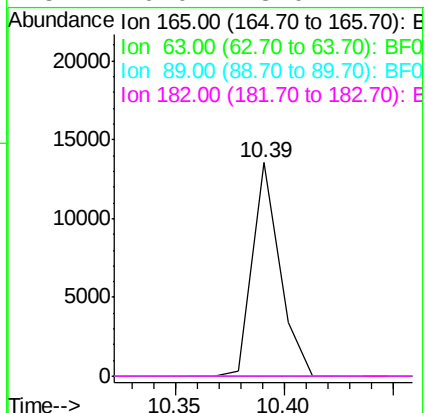
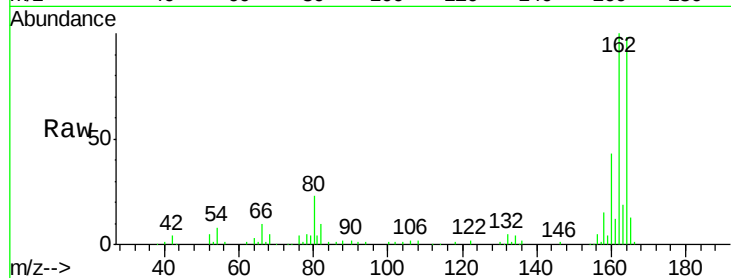




#56
 2,4-Dinitrotoluene
 Concen: 6.84 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.18 min
 Lab File: BF080082.D
 Acq: 20 Jun 2015 5:30

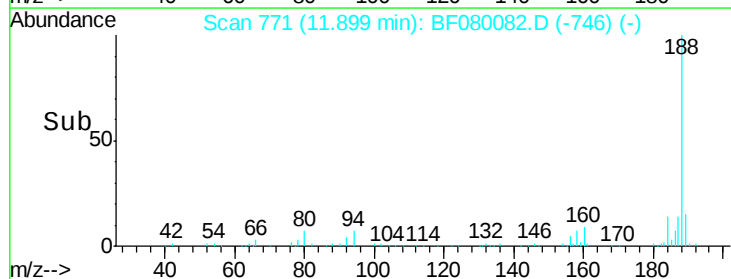
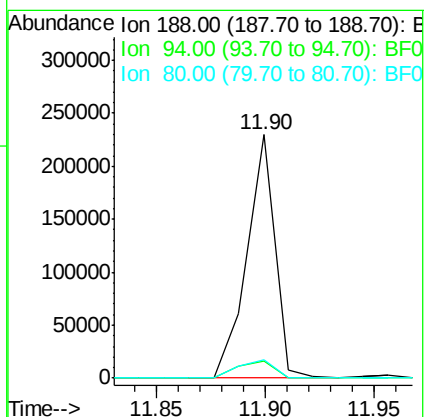
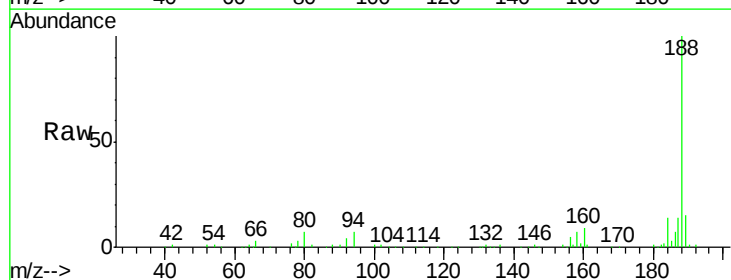
Instrument :
 BNA_F
 ClientSampleId :
 SP1-LF2RES

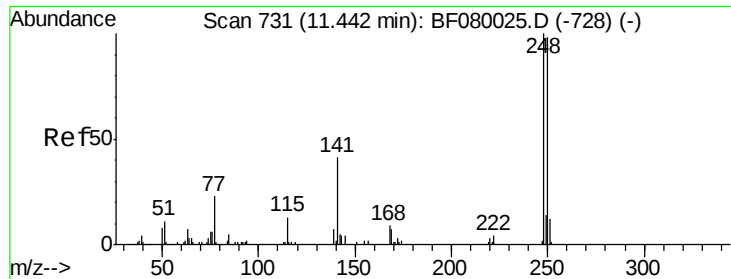
Tgt Ion:	165	Resp:	11829
Ion Ratio	Lower	Upper	
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF080082.D
 Acq: 20 Jun 2015 5:30

Tgt Ion:	188	Resp:	205841
Ion Ratio	Lower	Upper	
188	100		
94	7.2	11.1	16.7#
80	7.5	11.0	16.4#

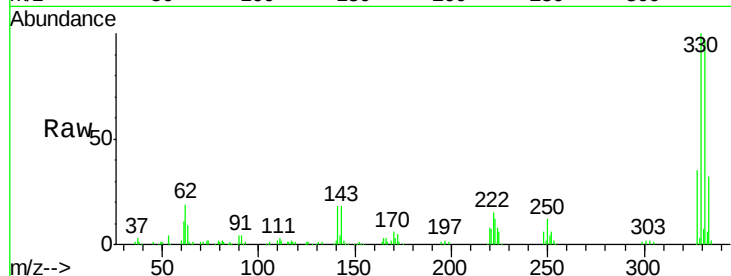




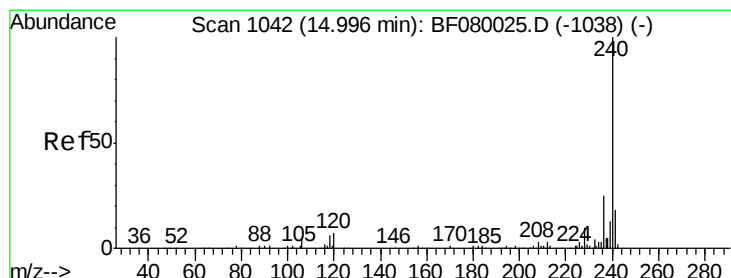
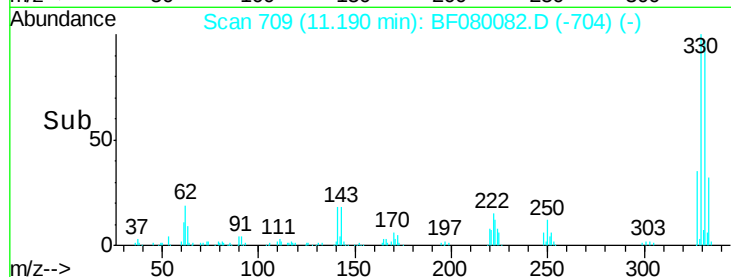
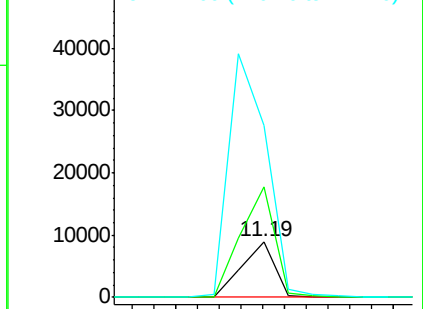
#66
 4-Bromophenyl-phenylether
 Concen: 4.26 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.24 min
 Lab File: BF080082.D
 Acq: 20 Jun 2015 5:30

Instrument :
 BNA_F
 ClientSampleId :
 SP1-LF2RES

Tgt Ion:248 Resp: 9334
 Ion Ratio Lower Upper
 248 100
 250 198.8 78.5 117.7#
 141 307.6 59.0 88.6#

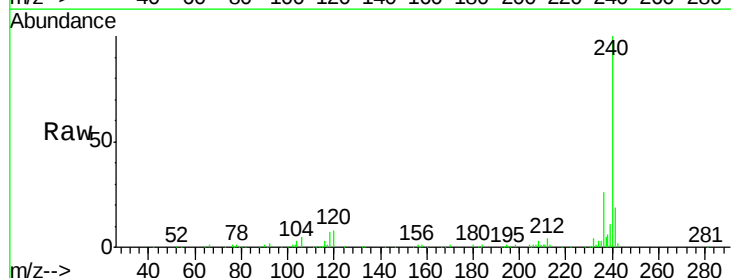


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

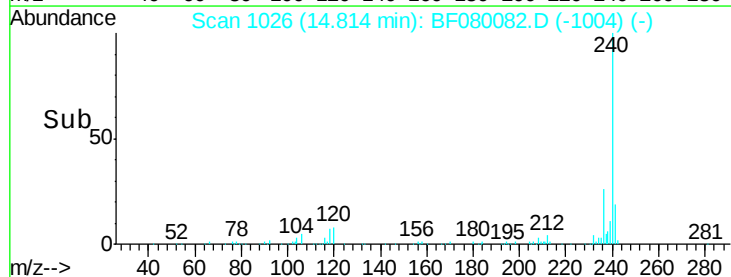
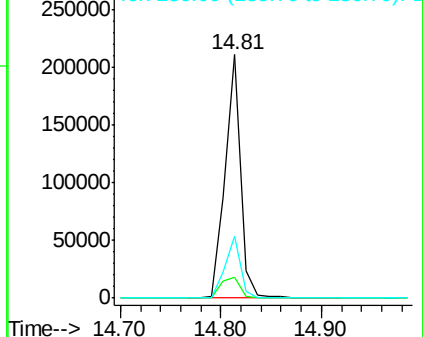


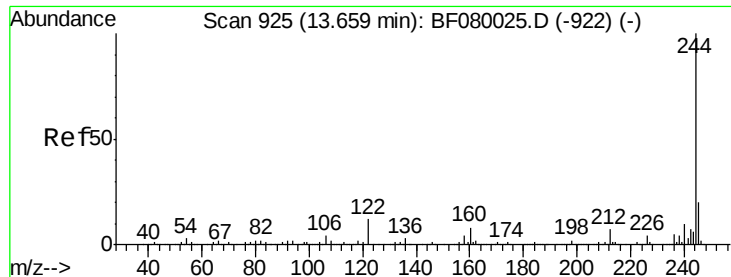
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.81 min Scan# 1026
 Delta R.T. -0.05 min
 Lab File: BF080082.D
 Acq: 20 Jun 2015 5:30

Tgt Ion:240 Resp: 226353
 Ion Ratio Lower Upper
 240 100
 120 8.4 16.2 24.2#
 236 25.6 18.4 27.6



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

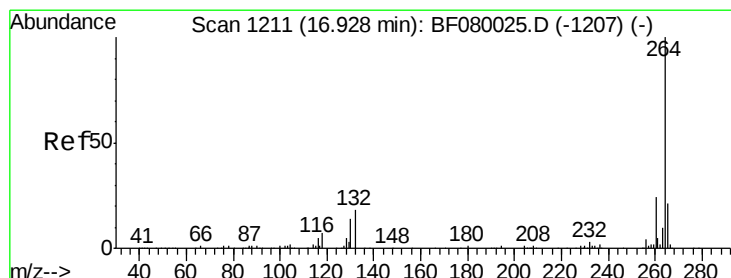
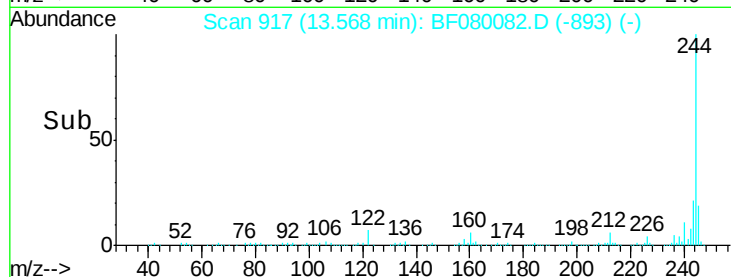
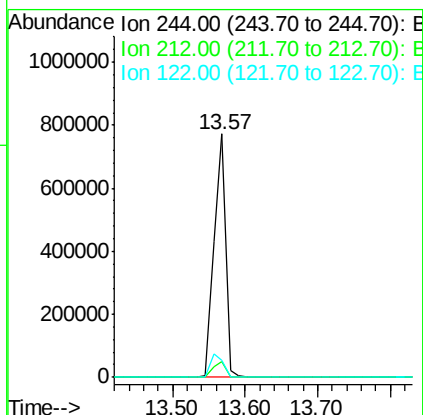
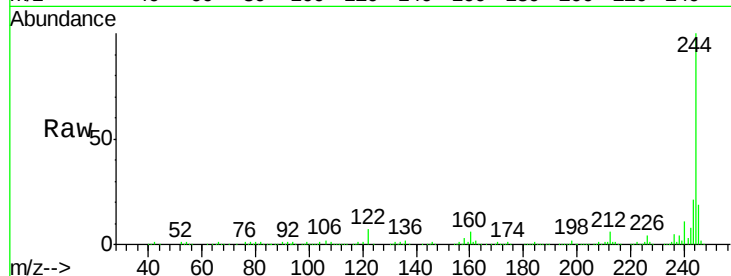




#78
 Terphenyl-d14
 Concen: 88.33 ng
 RT: 13.57 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF080082.D
 Acq: 20 Jun 2015 5:30

Instrument :
 BNA_F
 ClientSampleId :
 SP1-LF2RES

Tgt Ion:244 Resp: 856075
 Ion Ratio Lower Upper
 244 100
 212 6.5 4.3 6.5#
 122 7.2 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.67 min Scan# 1188
 Delta R.T. -0.08 min
 Lab File: BF080082.D
 Acq: 20 Jun 2015 5:30

Tgt Ion:264 Resp: 214196
 Ion Ratio Lower Upper
 264 100
 260 24.3 16.7 25.1
 265 21.8 17.2 25.8

