

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081106.D
 Acq On : 20 Aug 2015 4:10
 Operator : UM/IZ
 Sample : G3304-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 04:44:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

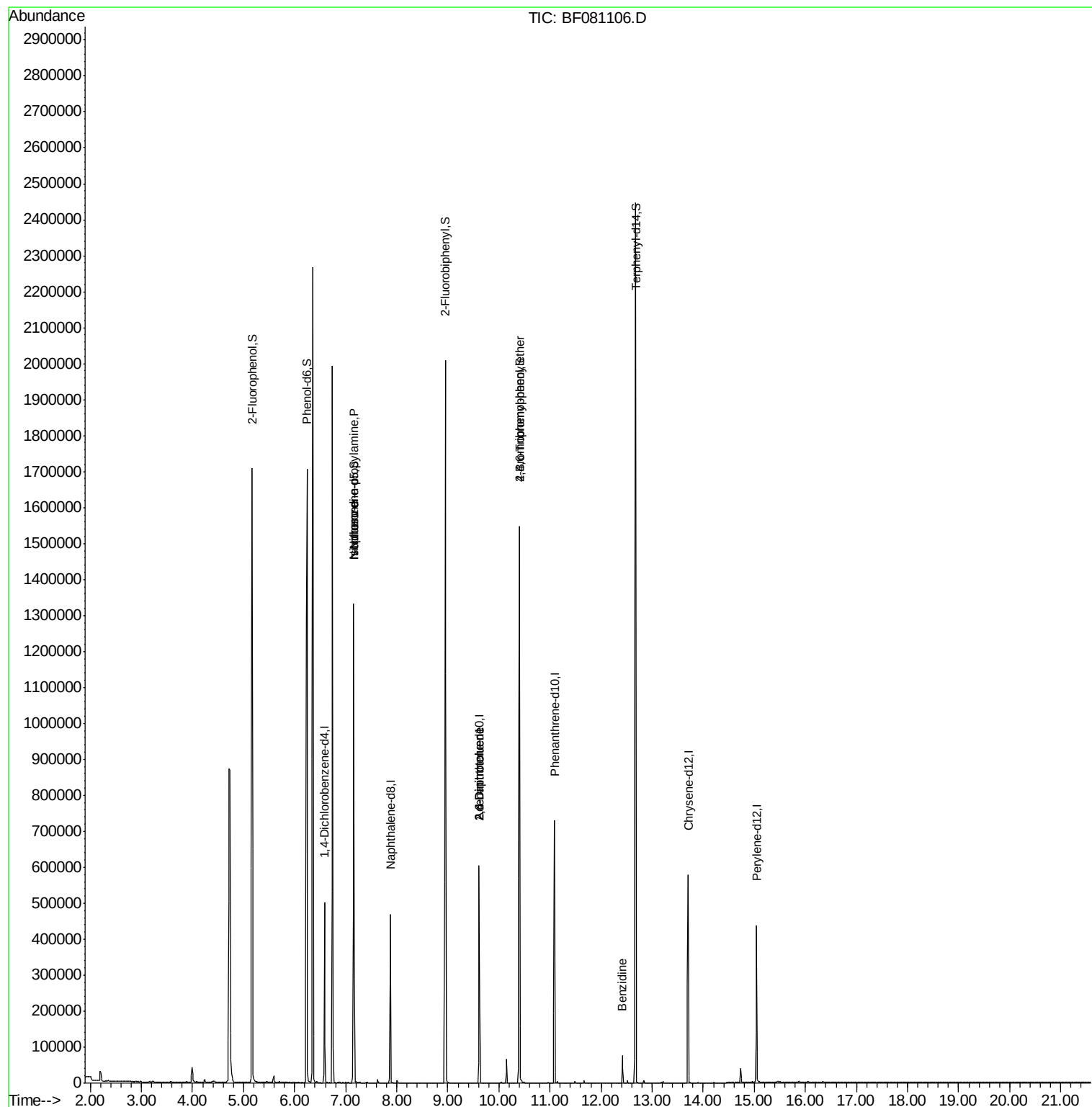
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	66599	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	270191	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	122057	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	264963	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	224852	20.00	ng	-0.04
86) Perylene-d12	15.04	264	169888	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	536882	121.25	ng	-0.02
7) Phenol-d6	6.24	99	789538	136.66	ng	-0.02
23) Nitrobenzene-d5	7.16	82	483471	81.74	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	149091	140.91	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	857045	92.00	ng	-0.04
78) Terphenyl-d14	12.68	244	786732	75.01	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	65220	16.30	ng	# 70
25) Isophorone	7.16	82	371084	33.64	ng	# 71
50) 2,6-Dinitrotoluene	9.61	165	15737	7.29	ng	# 21
56) 2,4-Dinitrotoluene	9.61	165	15737	5.50	ng	# 17
66) 4-Bromophenyl-phenylether	10.40	248	10995	4.22	ng	# 1
76) Benzidine	12.41	184	36655	4.32	ng	99

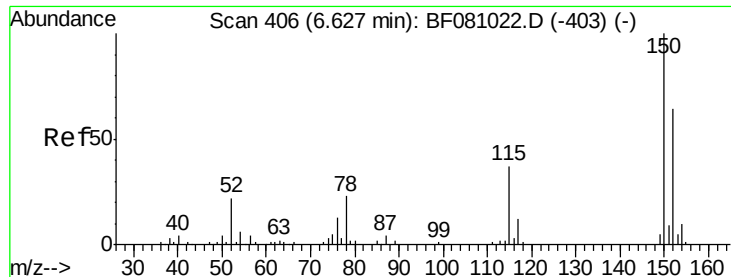
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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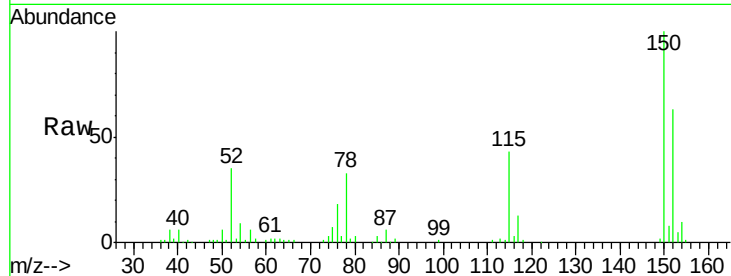


#1

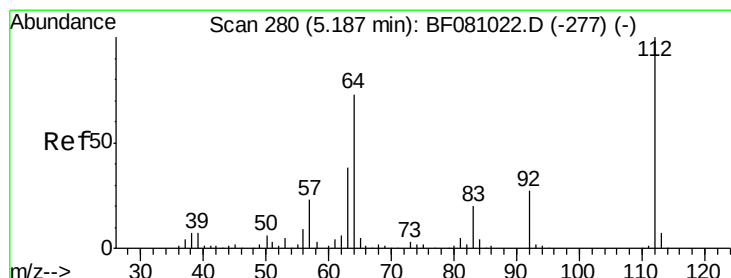
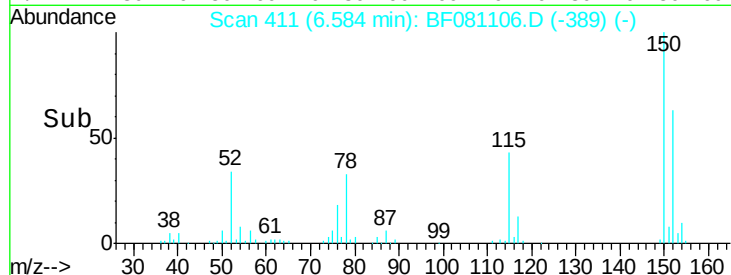
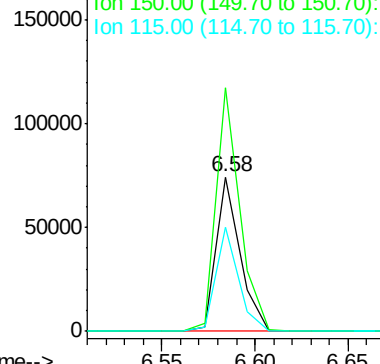
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081106.D
Acq: 20 Aug 2015 4:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66599
Ion Ratio Lower Upper
152 100
150 157.8 123.8 185.6
115 67.7 52.1 78.1



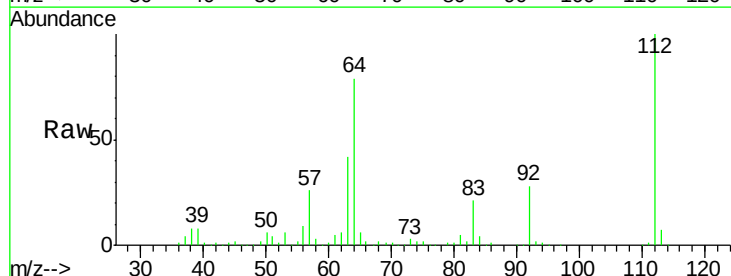
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



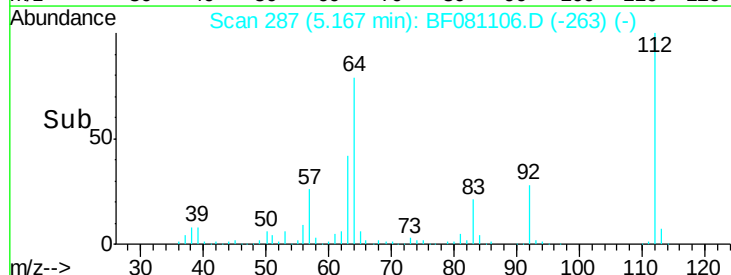
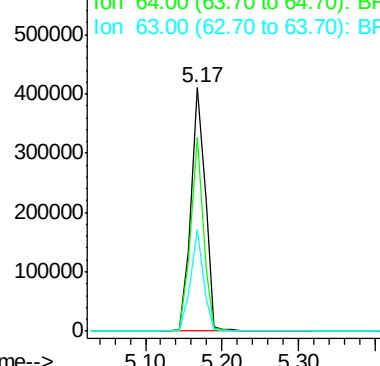
#5

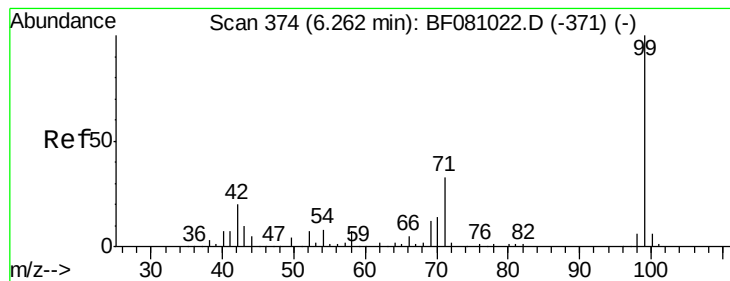
2-Fluorophenol
Concen: 121.25 ng
RT: 5.17 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF081106.D
Acq: 20 Aug 2015 4:10

Tgt Ion:112 Resp: 536882
Ion Ratio Lower Upper
112 100
64 79.4 66.9 100.3
63 41.7 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: 136.66 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081106.D

Acq: 20 Aug 2015 4:10

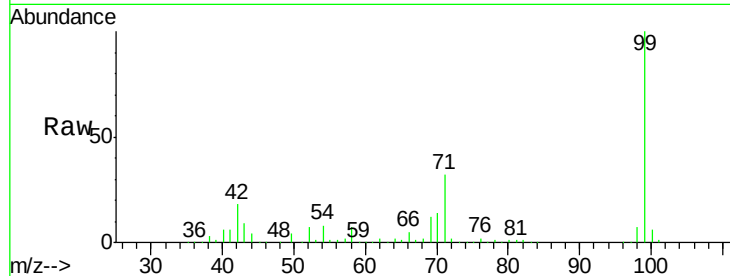
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 789538

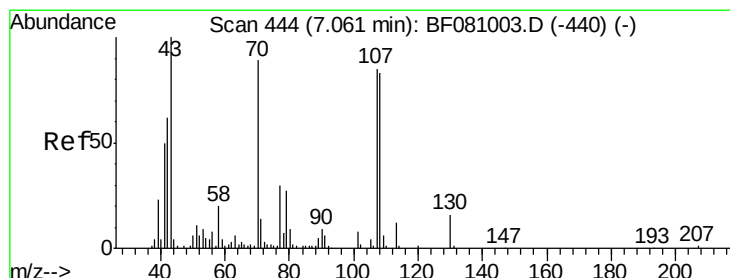
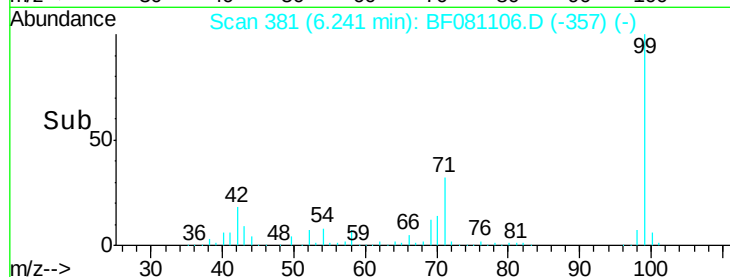
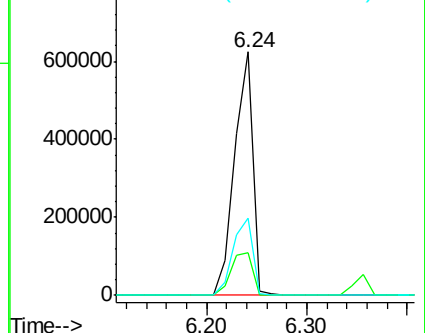
Ion	Ratio	Lower	Upper
99	100		
42	17.7	19.6	29.4#
71	31.9	31.2	46.8



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: 16.30 ng

RT: 7.16 min Scan# 461

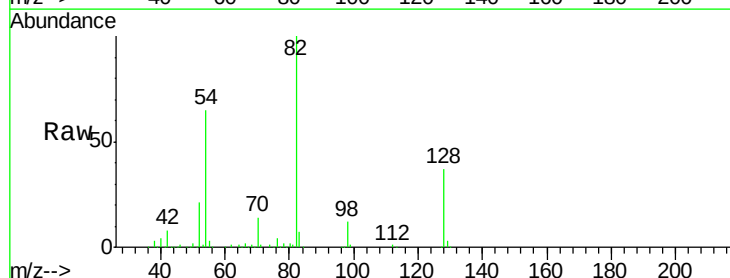
Delta R.T. 0.11 min

Lab File: BF081106.D

Acq: 20 Aug 2015 4:10

Tgt Ion: 70 Resp: 65220

Ion	Ratio	Lower	Upper
70	100		
42	54.3	65.0	97.4#
101	0.0	7.4	11.2#
130	1.9	13.0	19.4#

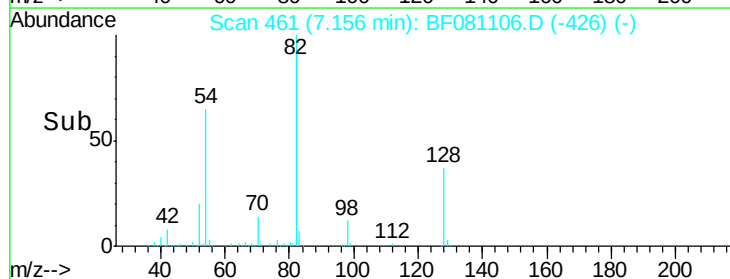
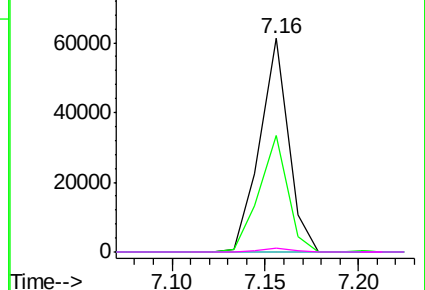


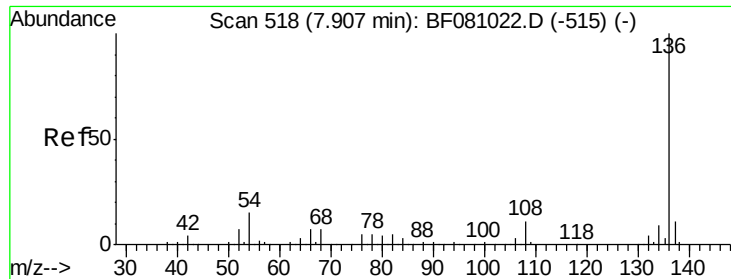
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

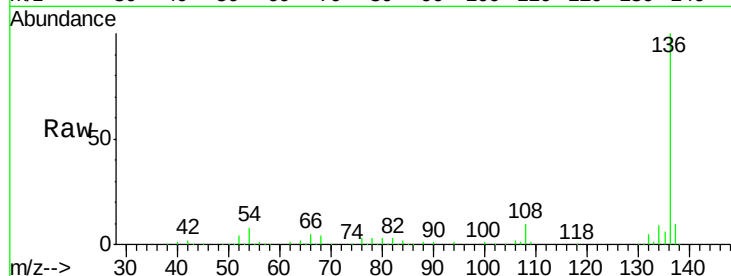




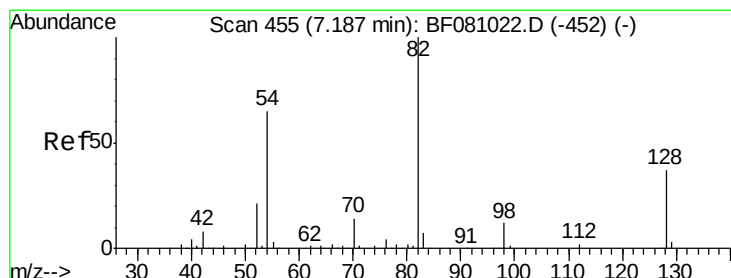
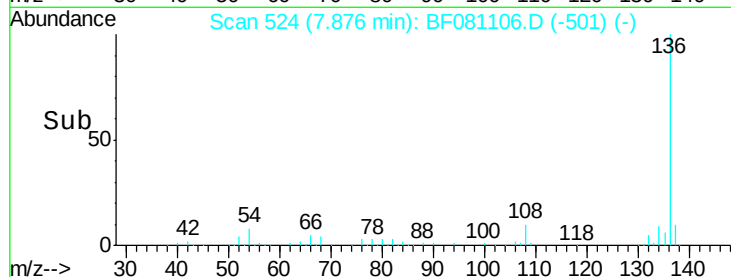
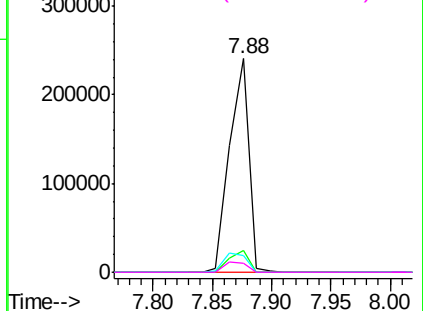
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081106.D
Acq: 20 Aug 2015 4:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	270191
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.2	12.2
54 7.8	7.7	11.5
68 4.4	3.4	5.2

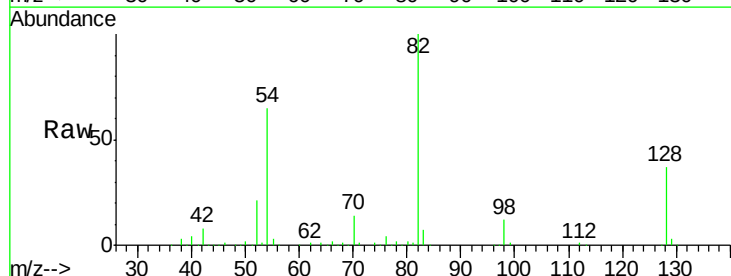


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

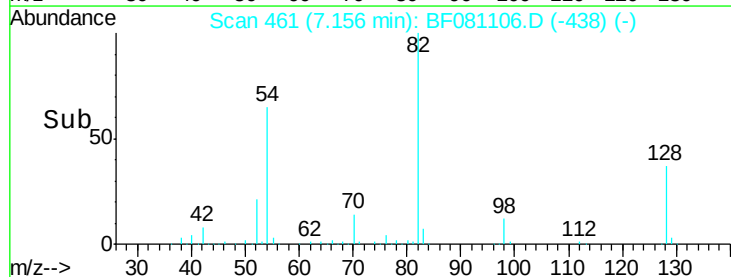
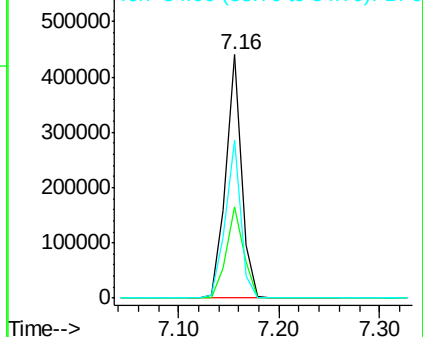


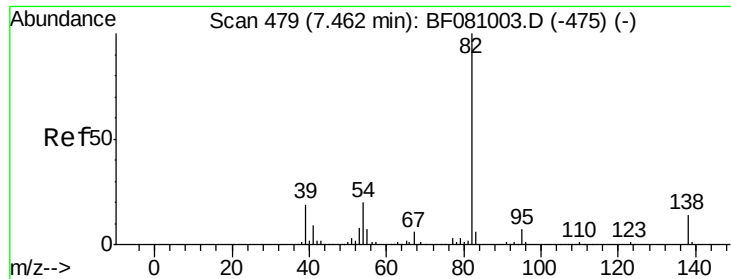
#23
Nitrobenzene-d5
Concen: 81.74 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF081106.D
Acq: 20 Aug 2015 4:10

Tgt Ion: 82	Resp:	483471
Ion Ratio	Lower	Upper
82 100		
128 37.4	28.6	42.8
54 64.7	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





#25

Isophorone

Concen: 33.64 ng

RT: 7.16 min Scan# 461

Delta R.T. -0.29 min

Lab File: BF081106.D

Acq: 20 Aug 2015 4:10

Instrument :

BNA_F

ClientSampled :

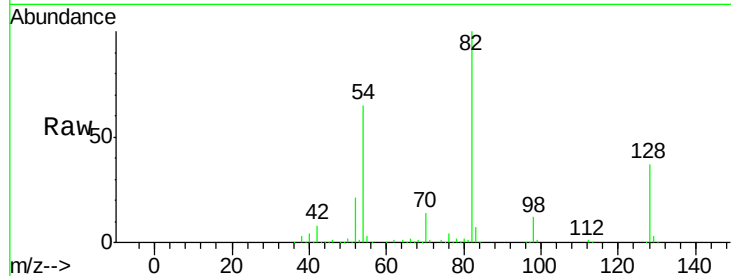
Tot Ion: 82 Resp: 371084

Ion Ratio Lower Upper

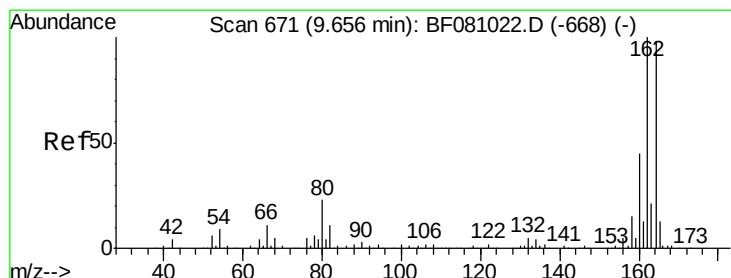
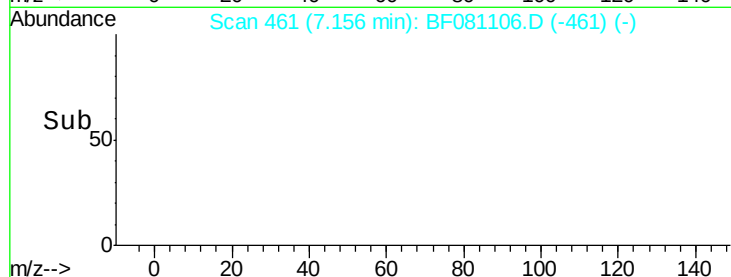
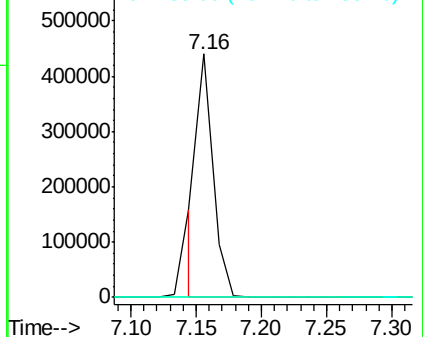
82 100

95 0.0 6.2 9.2#

138 0.0 10.5 15.7#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 676

Delta R.T. -0.04 min

Lab File: BF081106.D

Acq: 20 Aug 2015 4:10

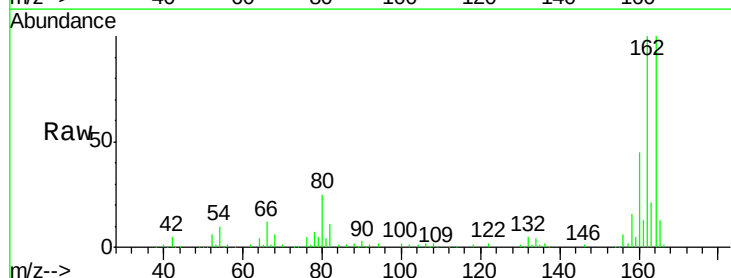
Tgt Ion:164 Resp: 122057

Ion Ratio Lower Upper

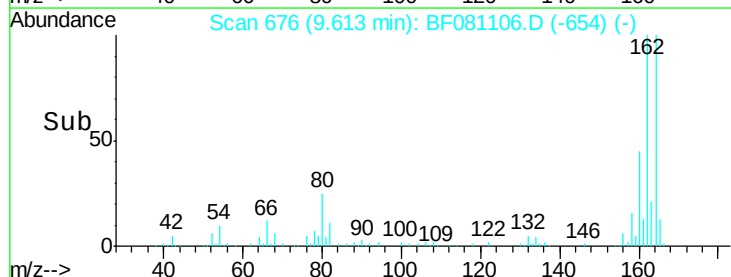
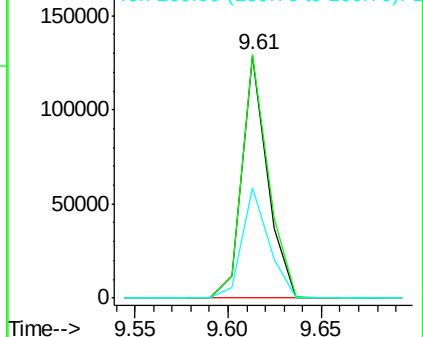
164 100

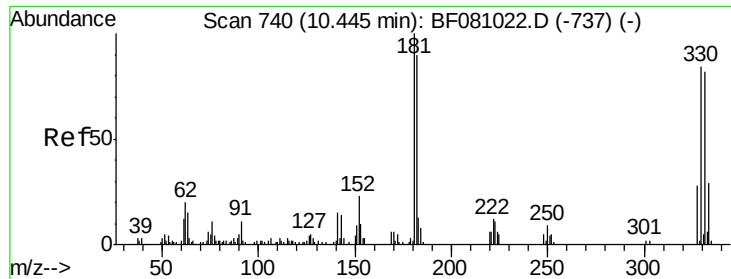
162 100.4 83.8 125.8

160 45.3 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

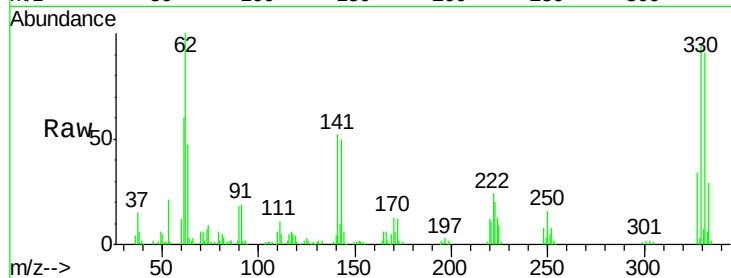




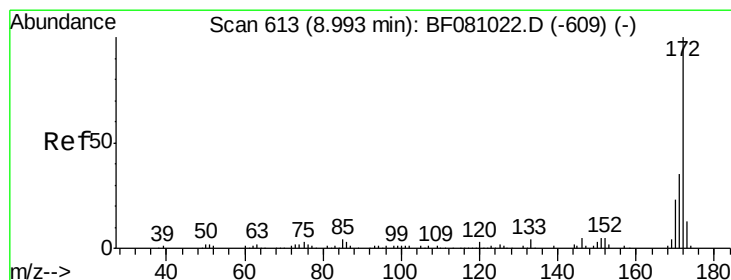
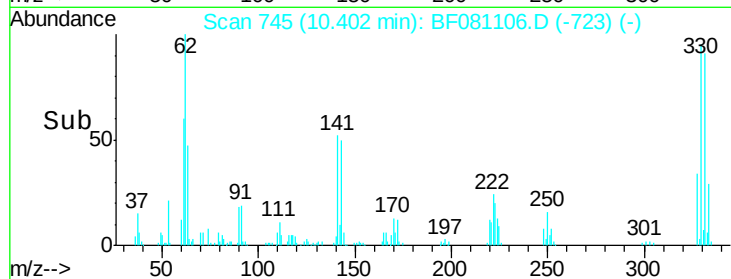
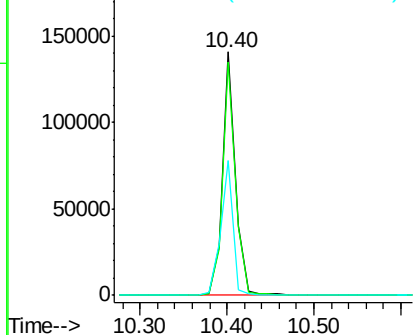
#41
 2,4,6-Tribromophenol
 Concen: 140.91 ng
 RT: 10.40 min Scan# 745
 Delta R.T. -0.04 min
 Lab File: BF081106.D
 Acq: 20 Aug 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	52.7	44.9	67.3

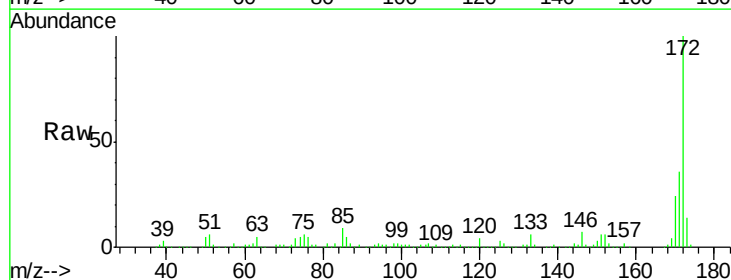


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

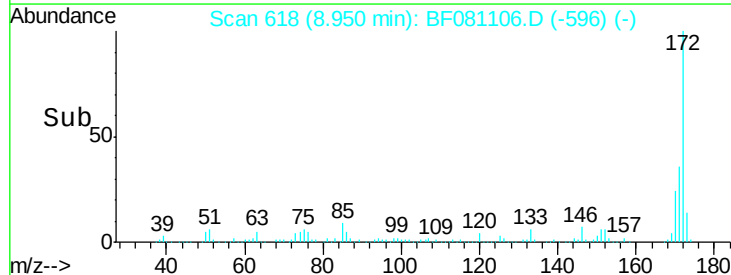
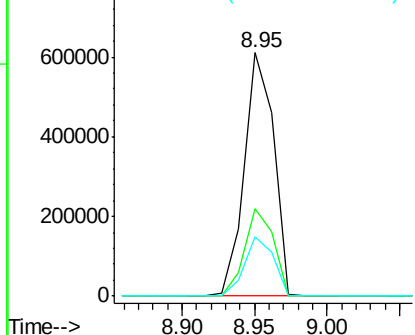


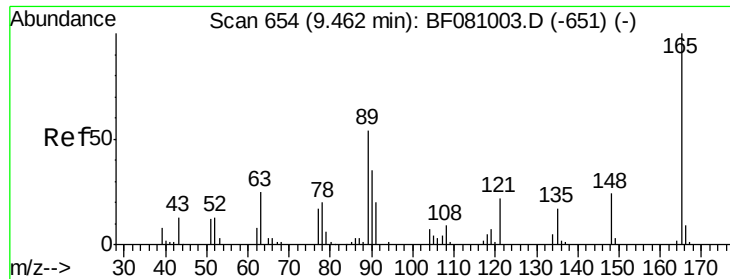
#44
 2-Fluorobiphenyl
 Concen: 92.00 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.04 min
 Lab File: BF081106.D
 Acq: 20 Aug 2015 4:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.2	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

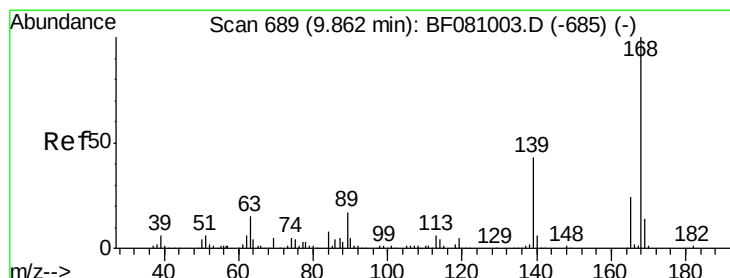
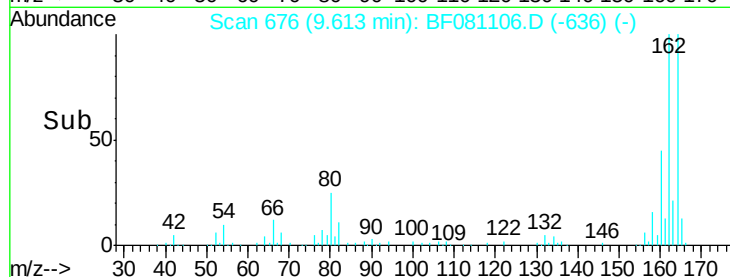
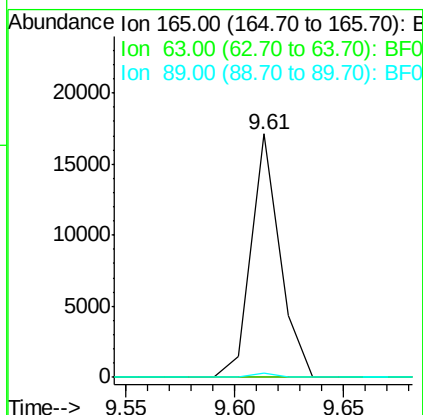
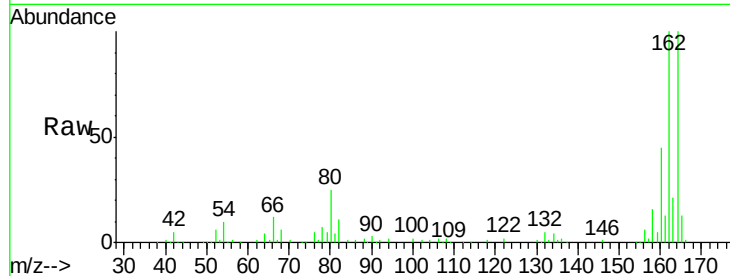




#50
 2,6-Dinitrotoluene
 Concen: 7.29 ng
 RT: 9.61 min Scan# 676
 Delta R.T. 0.16 min
 Lab File: BF081106.D
 Acq: 20 Aug 2015 4:10

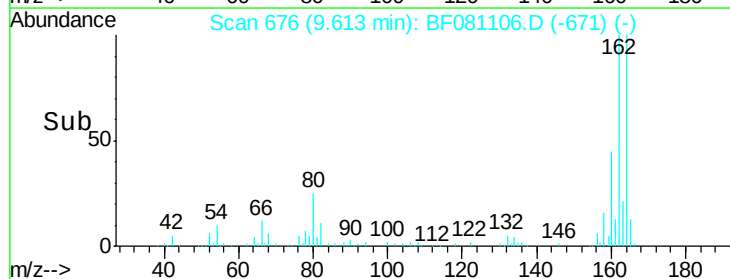
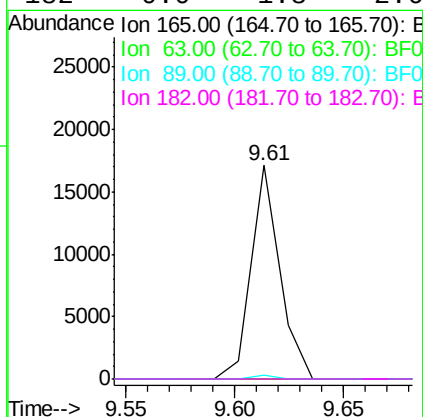
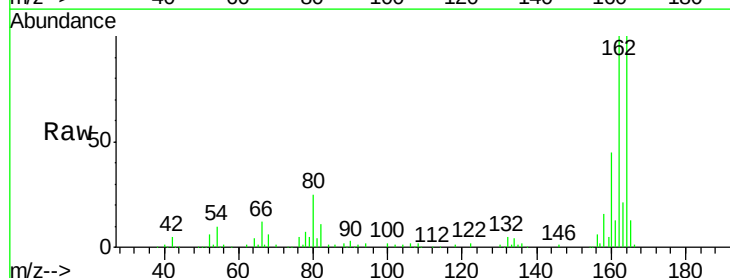
Instrument :
 BNA_F
 ClientSampleId :

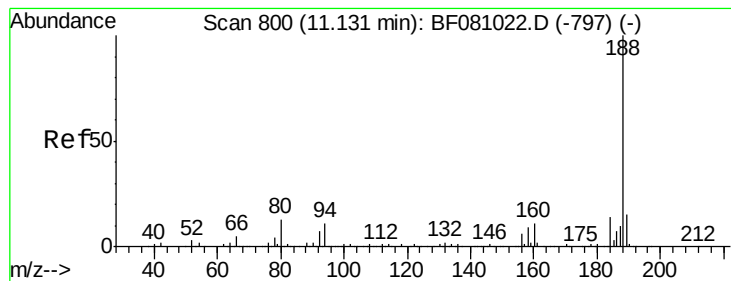
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	1.8	47.6	71.4#



#56
 2,4-Dinitrotoluene
 Concen: 5.50 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.24 min
 Lab File: BF081106.D
 Acq: 20 Aug 2015 4:10

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.09 min Scan# 805

Delta R.T. -0.04 min

Lab File: BF081106.D

Acq: 20 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

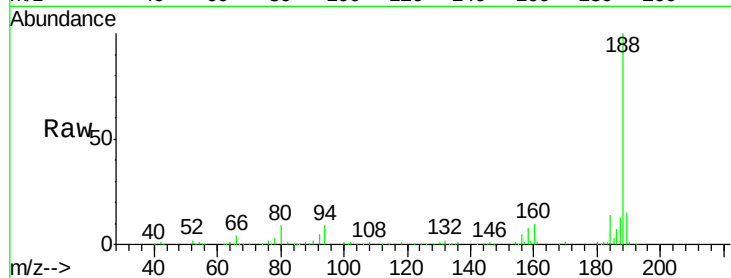
Tot Ion:188 Resp: 264963

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

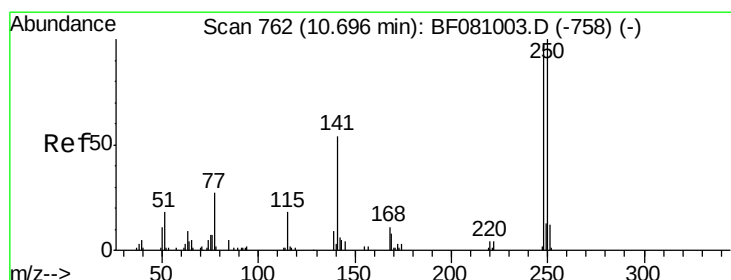
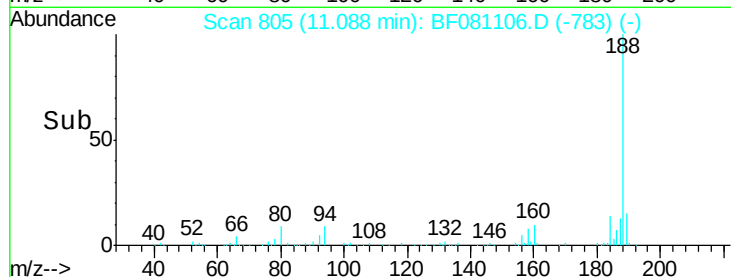
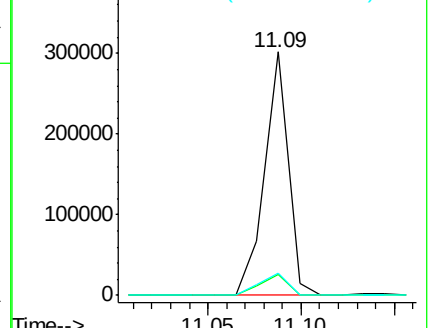
80 9.3 9.5 14.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 4.22 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.28 min

Lab File: BF081106.D

Acq: 20 Aug 2015 4:10

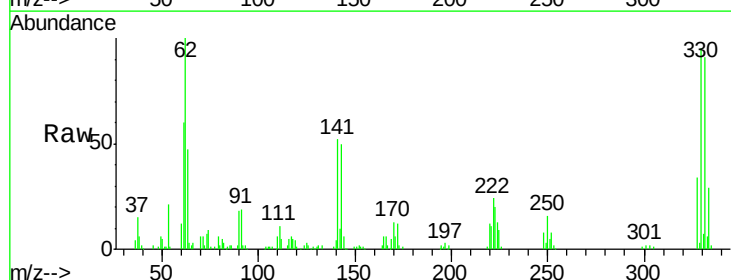
Tgt Ion:248 Resp: 10995

Ion Ratio Lower Upper

248 100

250 200.8 77.8 116.6#

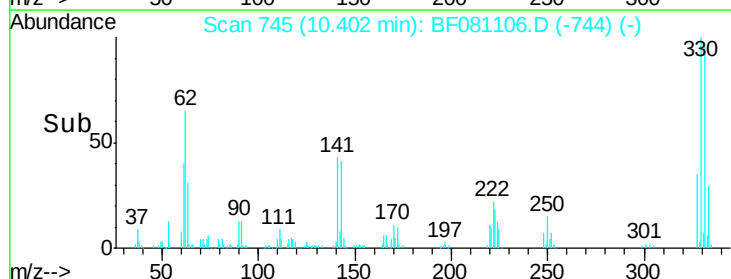
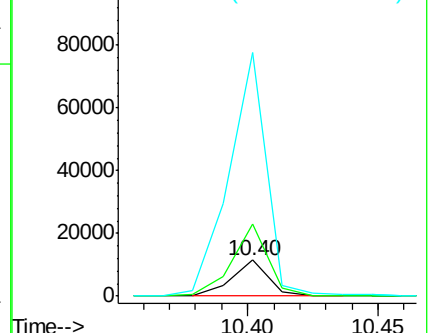
141 675.1 39.8 59.6#

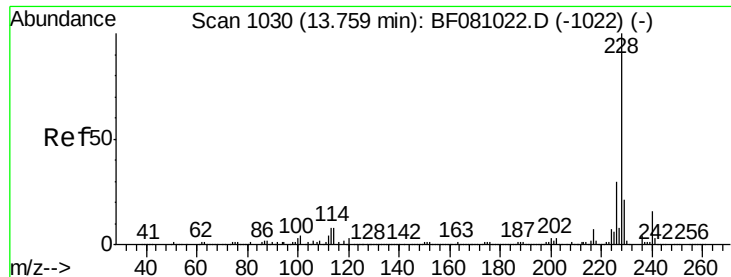


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

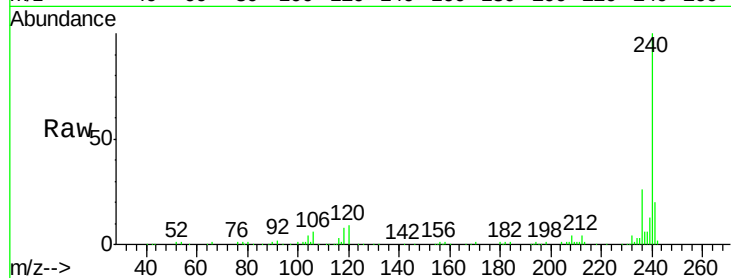




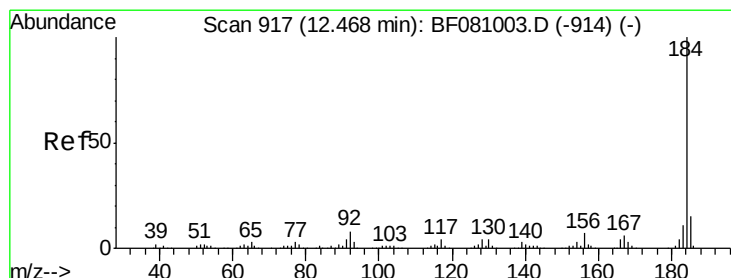
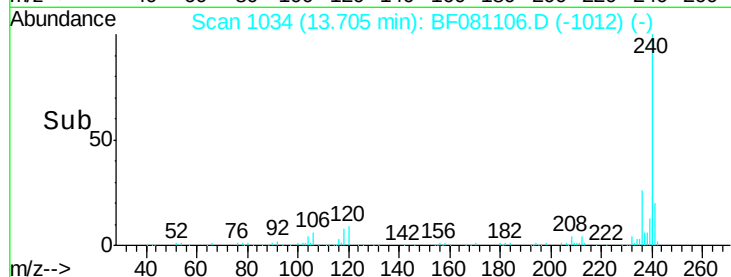
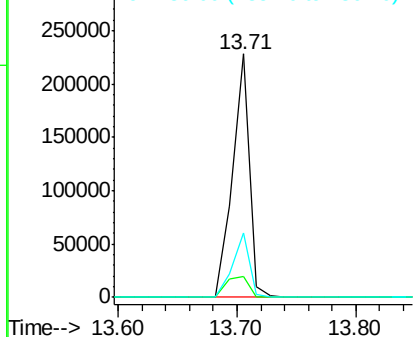
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1034
 Delta R.T. -0.04 min
 Lab File: BF081106.D
 Acq: 20 Aug 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 224852
 Ion Ratio Lower Upper
 240 100
 120 8.7 5.6 8.4#
 236 26.3 20.6 30.8

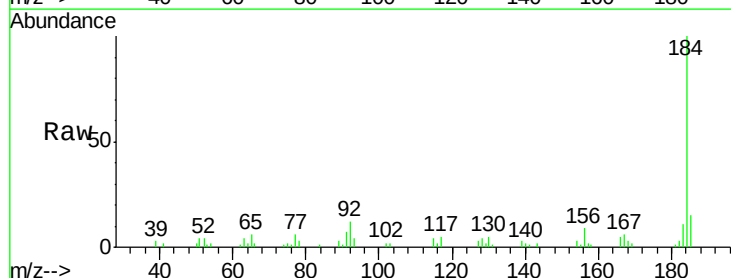


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

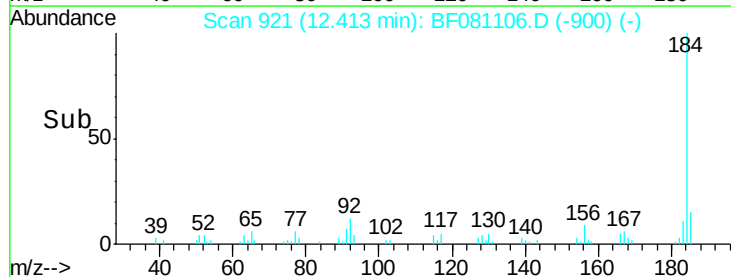
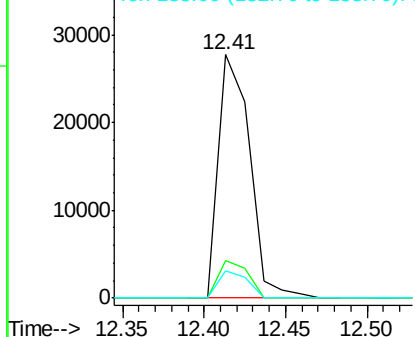


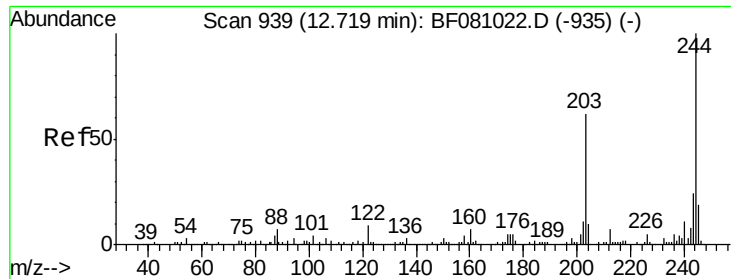
#76
 Benzidine
 Concen: 4.32 ng
 RT: 12.41 min Scan# 921
 Delta R.T. -0.05 min
 Lab File: BF081106.D
 Acq: 20 Aug 2015 4:10

Tgt Ion:184 Resp: 36655
 Ion Ratio Lower Upper
 184 100
 185 15.5 12.0 18.0
 183 11.2 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

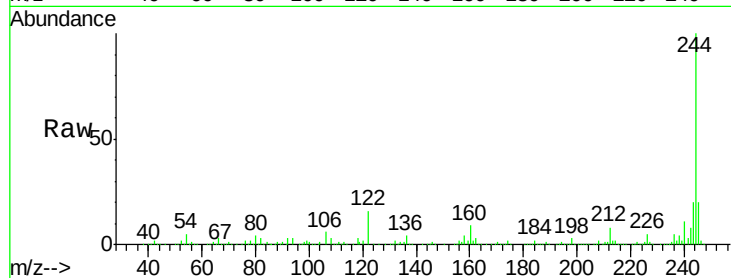




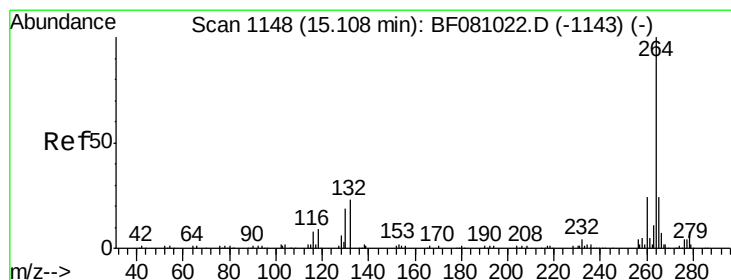
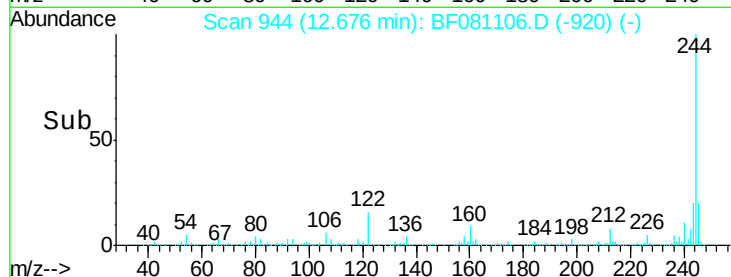
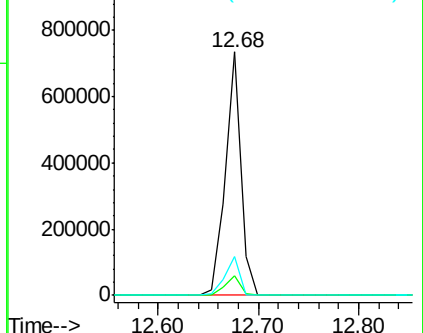
#78
 Terphenyl-d14
 Concen: 75.01 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF081106.D
 Acq: 20 Aug 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 786732
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 16.1 8.2 12.4#

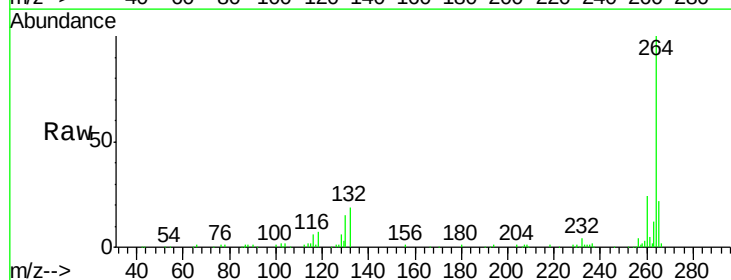


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081106.D
 Acq: 20 Aug 2015 4:10

Tgt Ion:264 Resp: 169888
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.6 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

