

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082987.D
 Acq On : 18 Nov 2015 1:27
 Operator : UM/IZ
 Sample : G4407-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:30:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

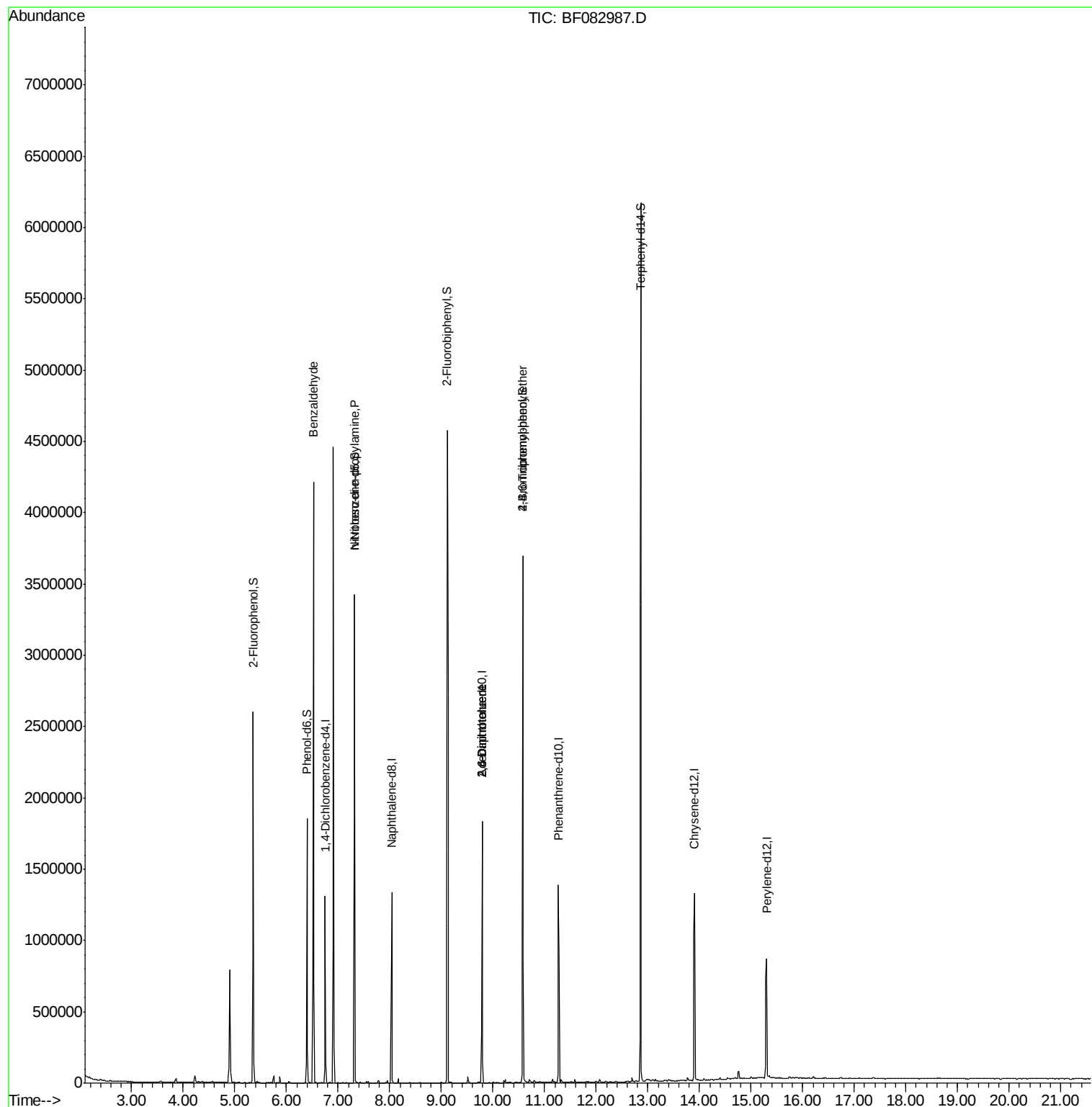
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	171933	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	673229	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	348971	20.00	ng	-0.10
63) Phenanthrene-d10	11.26	188	648180	20.00	ng	-0.11
75) Chrysene-d12	13.91	240	616473	20.00	ng	-0.11
86) Perylene-d12	15.30	264	460095	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	693661	62.77	ng	-0.09
7) Phenol-d6	6.40	99	552035	37.58	ng	-0.09
23) Nitrobenzene-d5	7.32	82	1369826	88.54	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	450345	112.55	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	1980750	81.35	ng	-0.10
78) Terphenyl-d14	12.87	244	2169952	83.49	ng	-0.10
Target Compounds						
9) Benzaldehyde	6.52	77	26850	3.31	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.32	70	184813	17.11	ng	# 66
50) 2,6-Dinitrotoluene	9.79	165	44491	7.29	ng	# 17
56) 2,4-Dinitrotoluene	9.79	165	44493	5.38	ng	# 15
66) 4-Bromophenyl-phenylether	10.58	248	29123	3.73	ng	# 1

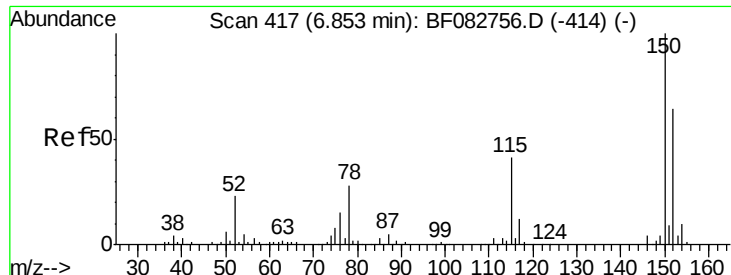
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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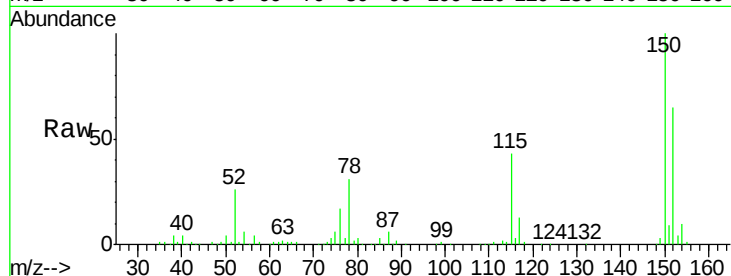


#1

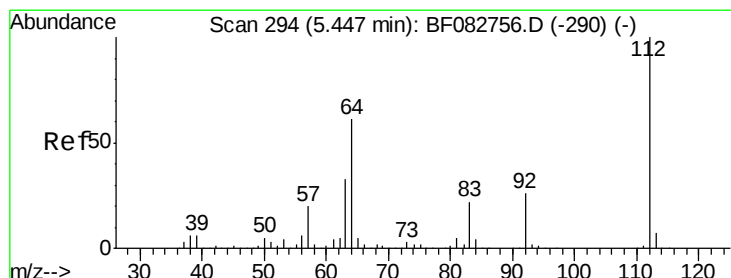
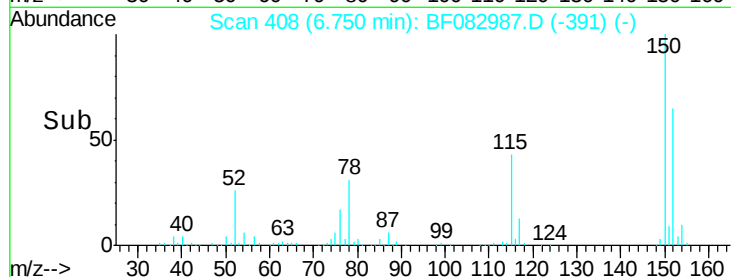
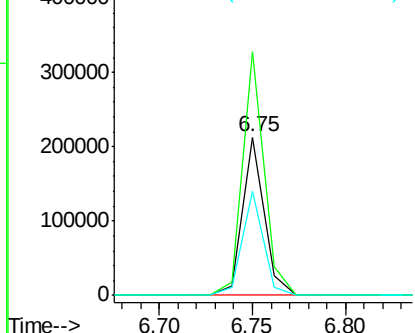
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.10 min
Lab File: BF082987.D
Acq: 18 Nov 2015 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171933
Ion Ratio Lower Upper
152 100
150 154.0 127.0 190.4
115 66.1 47.0 70.6



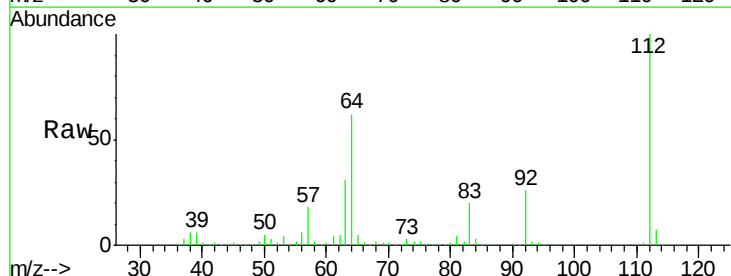
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



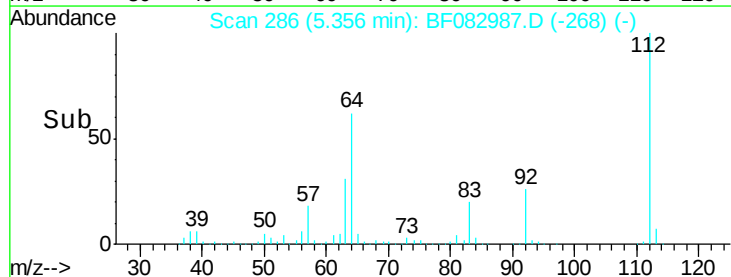
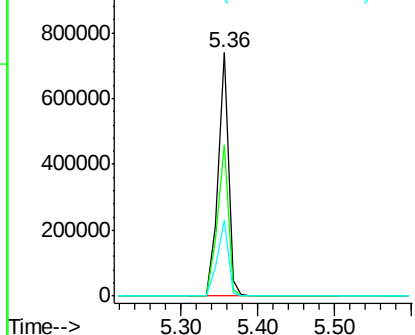
#5

2-Fluorophenol
Concen: 62.77 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.09 min
Lab File: BF082987.D
Acq: 18 Nov 2015 1:27

Tgt Ion:112 Resp: 693661
Ion Ratio Lower Upper
112 100
64 62.2 48.9 73.3
63 31.4 28.1 42.1



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: 37.58 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.09 min

Lab File: BF082987.D

Acq: 18 Nov 2015 1:27

Instrument :

BNA_F

ClientSampled :

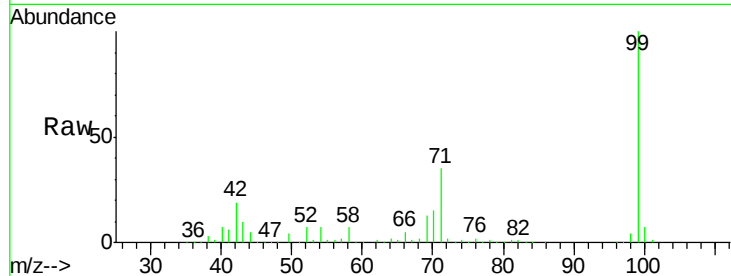
Tot Ion: 99 Resp: 552035

Ion Ratio Lower Upper

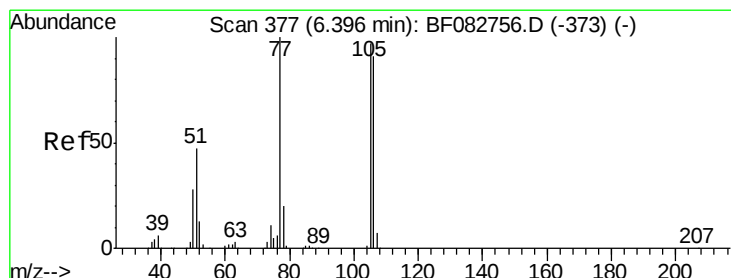
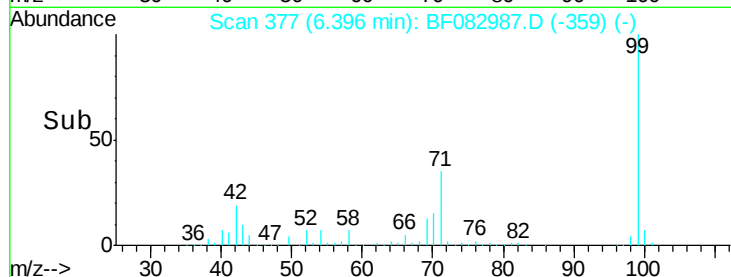
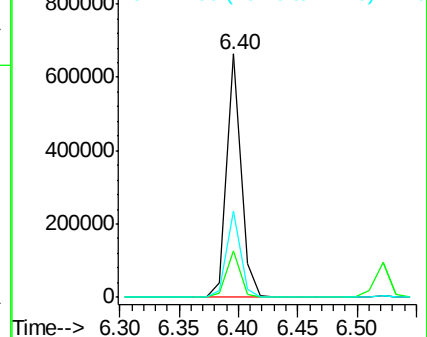
99 100

42 18.9 19.2 28.8#

71 35.4 35.0 52.4



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: 3.31 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.13 min

Lab File: BF082987.D

Acq: 18 Nov 2015 1:27

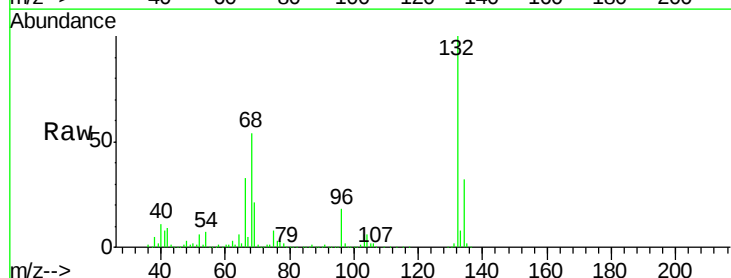
Tgt Ion: 77 Resp: 26850

Ion Ratio Lower Upper

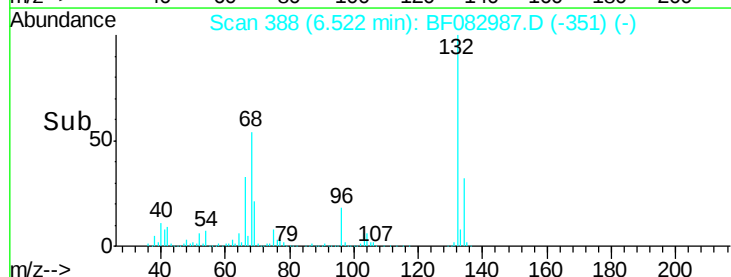
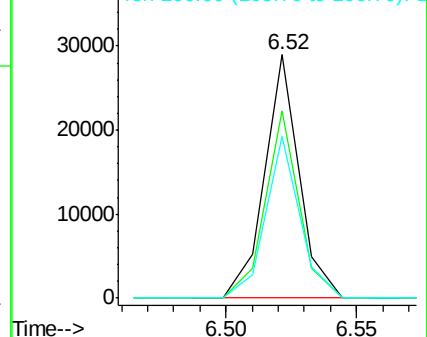
77 100

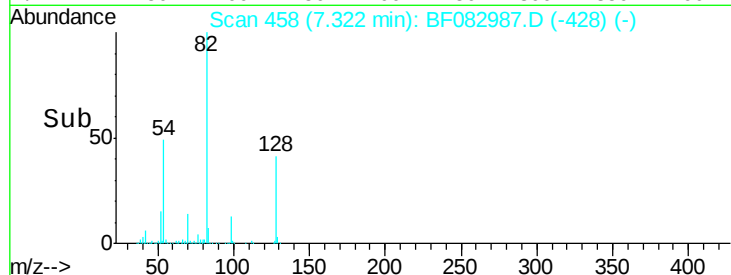
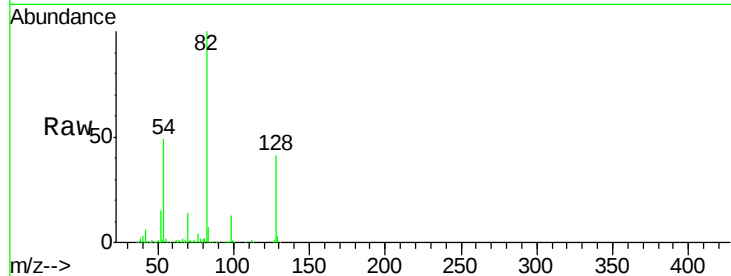
105 76.9 63.5 103.5

106 66.3 59.3 99.3



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

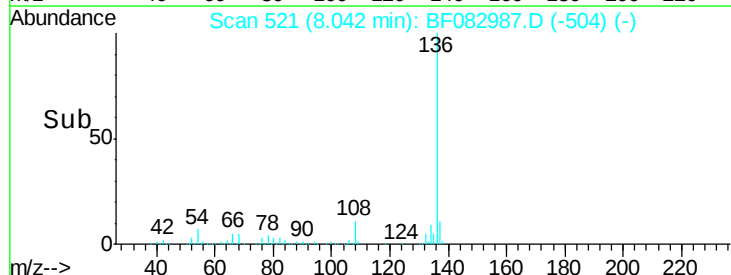
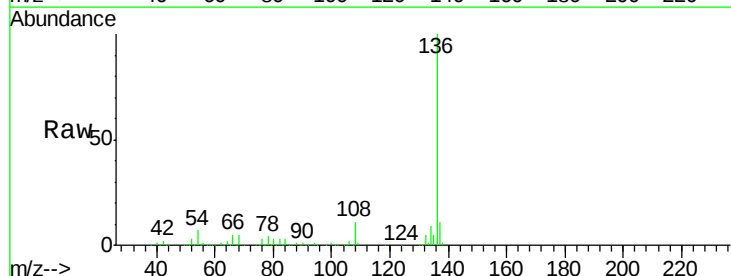
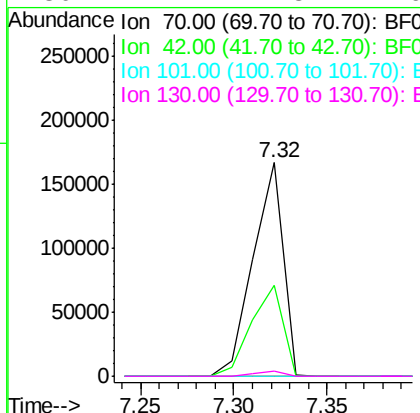




#19
n-Nitroso-di-n-propylamine
Concen: 17.11 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.05 min
Lab File: BF082987.D
Acq: 18 Nov 2015 1:27

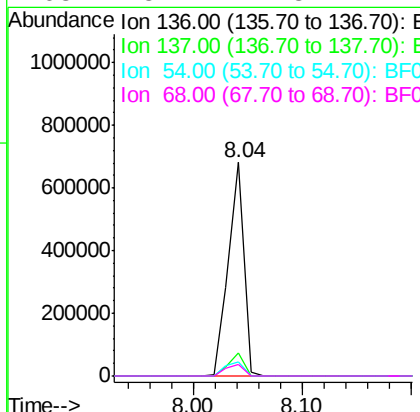
Instrument :
BNA_F
ClientSampled :

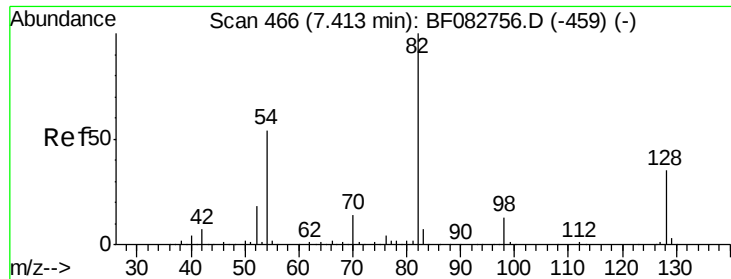
Tot Ion: 70 Resp: 184813
Ion Ratio Lower Upper
70 100
42 42.4 57.7 86.5#
101 0.0 7.0 10.6#
130 2.1 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082987.D
Acq: 18 Nov 2015 1:27

Tgt Ion: 136 Resp: 673229
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.6 9.1 13.7#
68 5.1 4.8 7.2

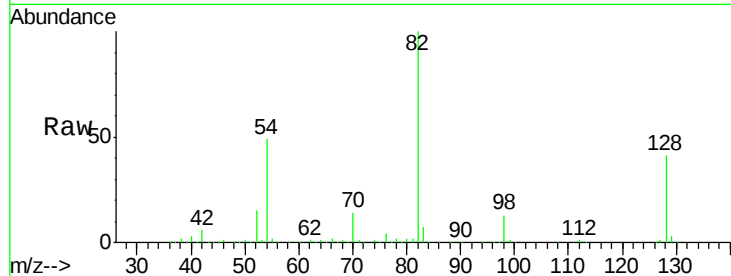




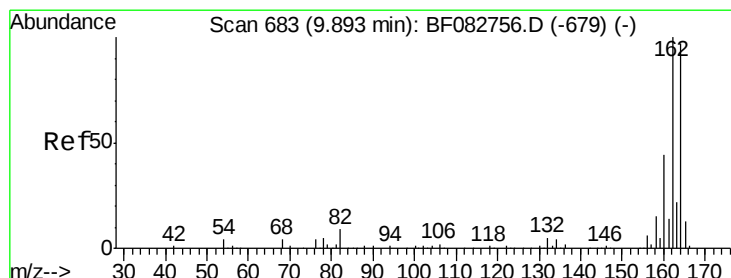
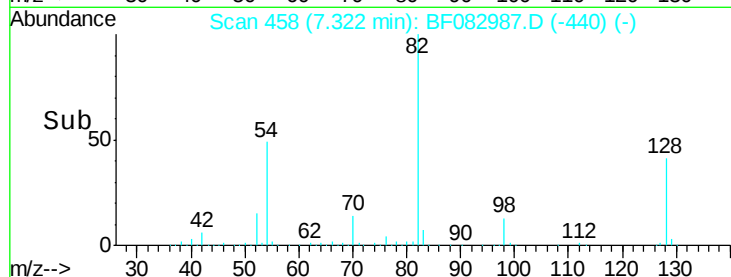
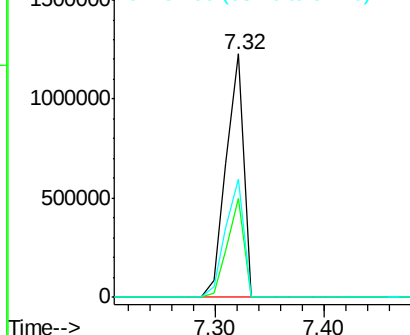
#23
 Nitrobenzene-d5
 Concen: 88.54 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082987.D
 Acq: 18 Nov 2015 1:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1369826
 Ion Ratio Lower Upper
 82 100
 128 40.8 26.8 40.2#
 54 48.7 45.7 68.5

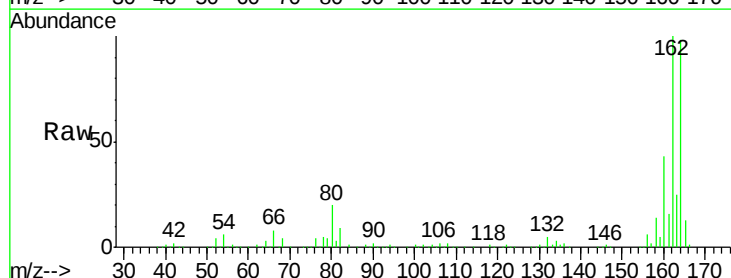


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

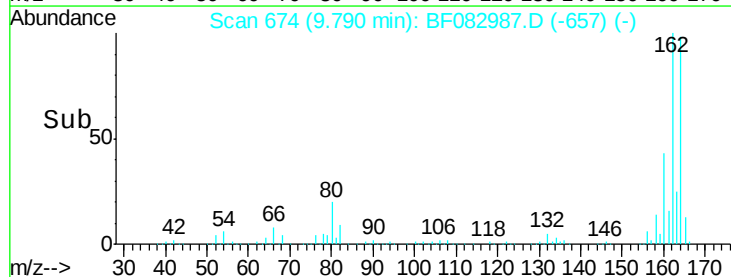
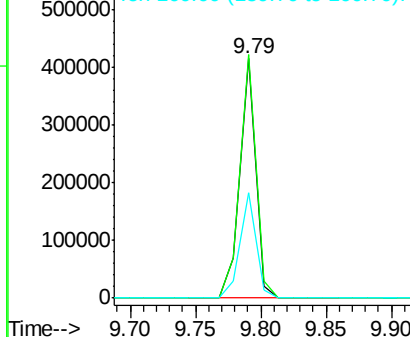


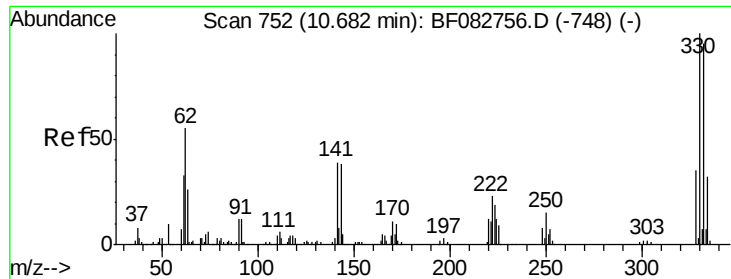
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF082987.D
 Acq: 18 Nov 2015 1:27

Tgt Ion: 164 Resp: 348971
 Ion Ratio Lower Upper
 164 100
 162 101.8 84.9 127.3
 160 43.9 37.5 56.3



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

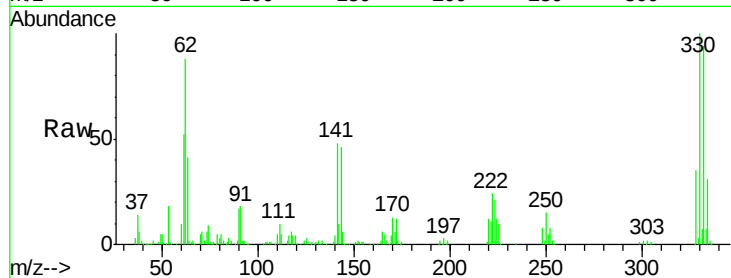




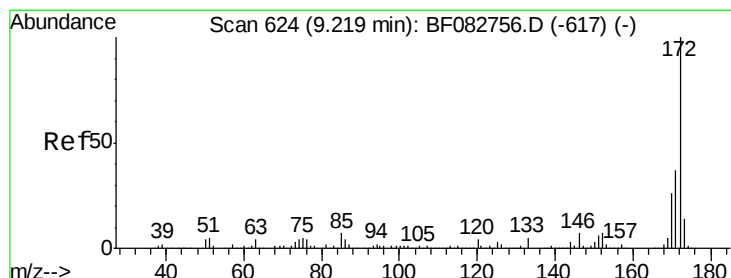
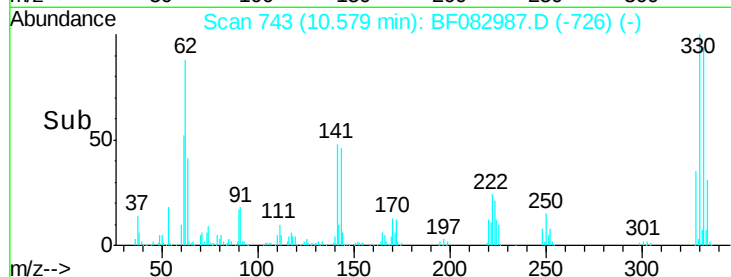
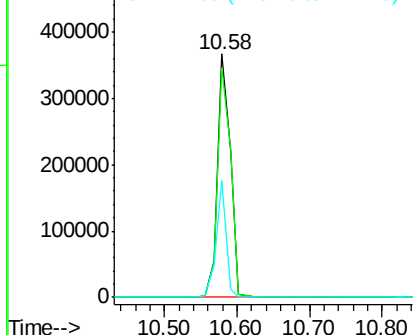
#41
 2,4,6-Tribromophenol
 Concen: 112.55 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082987.D
 Acq: 18 Nov 2015 1:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 450345
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 37.0 41.2 61.8#

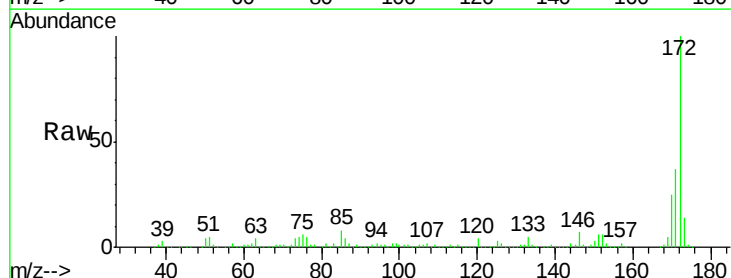


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

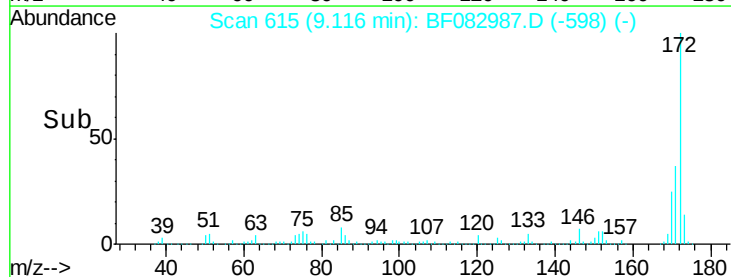
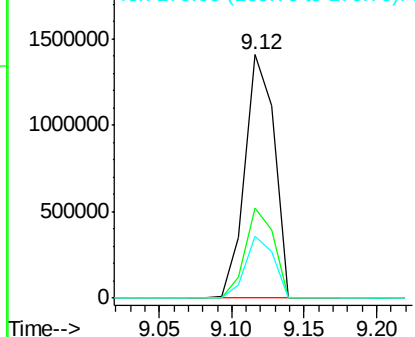


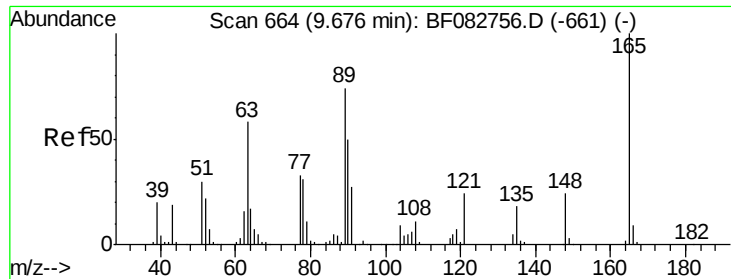
#44
 2-Fluorobiphenyl
 Concen: 81.35 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082987.D
 Acq: 18 Nov 2015 1:27

Tgt Ion:172 Resp: 1980750
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 25.2 21.2 31.8



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

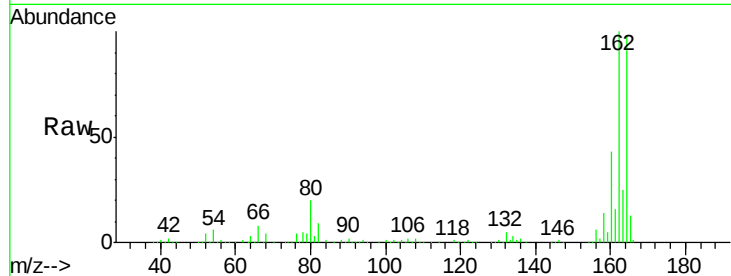




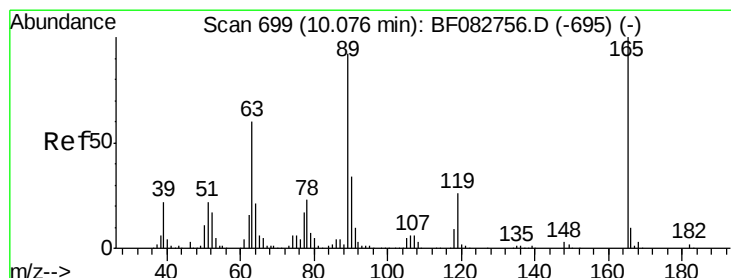
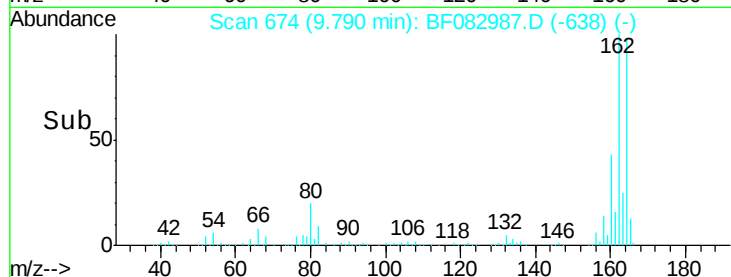
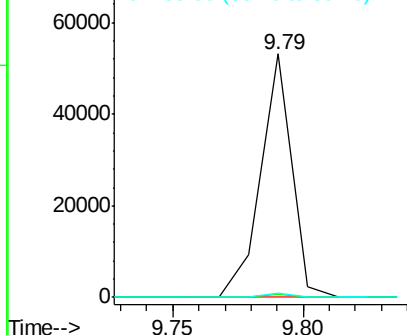
#50
2,6-Dinitrotoluene
Concen: 7.29 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.11 min
Lab File: BF082987.D
Acq: 18 Nov 2015 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	55.5	83.3#
89	1.7	55.0	82.6#



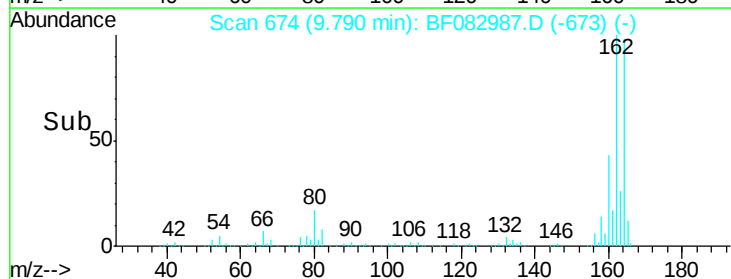
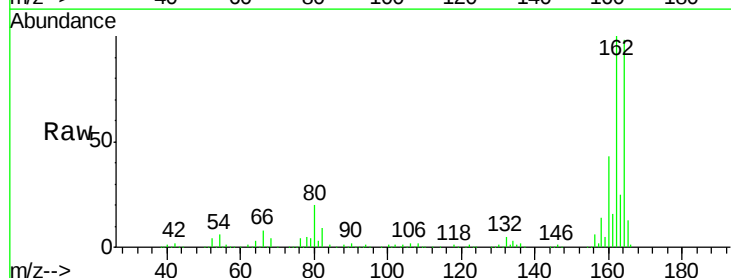
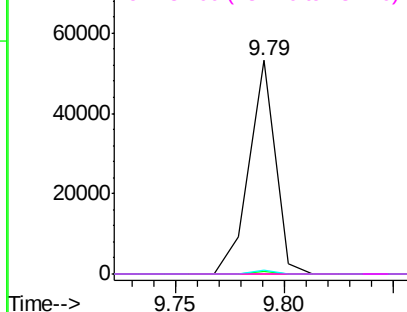
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

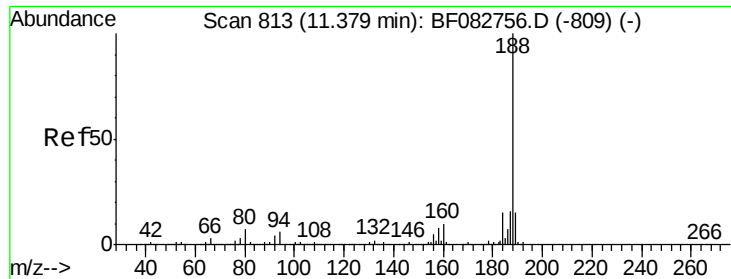


#56
2,4-Dinitrotoluene
Concen: 5.38 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.29 min
Lab File: BF082987.D
Acq: 18 Nov 2015 1:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.0#
89	1.7	70.6	106.0#
182	0.0	1.5	2.3#

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

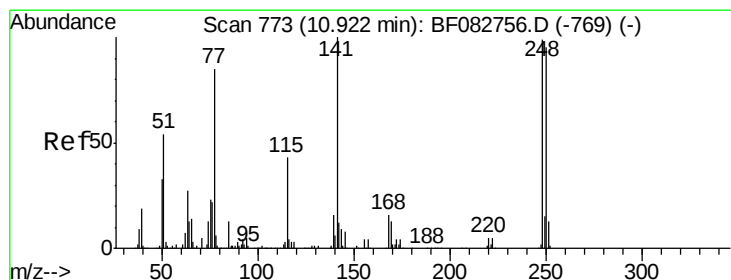
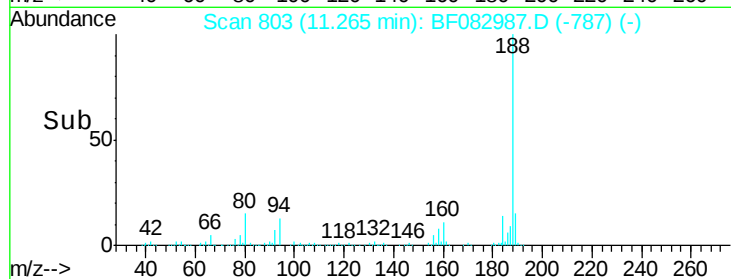
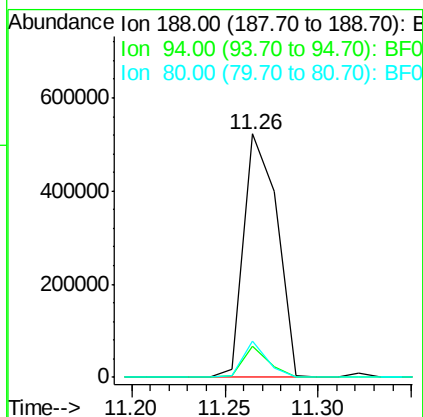
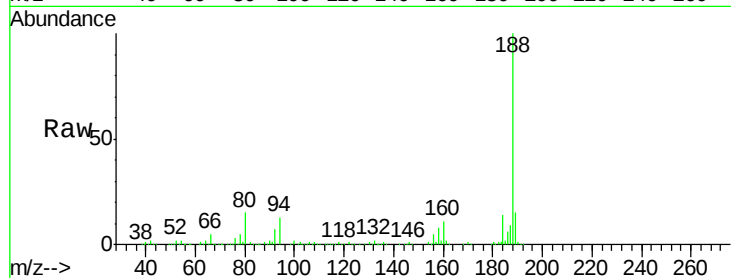




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.11 min
Lab File: BF082987.D
Acq: 18 Nov 2015 1:27

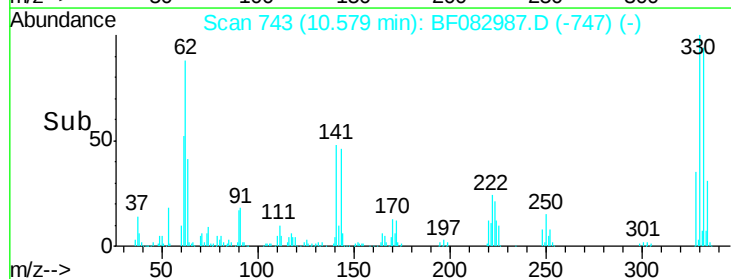
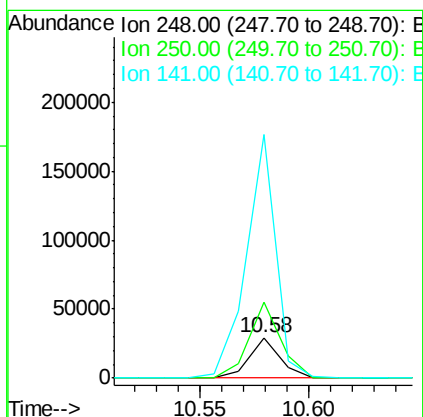
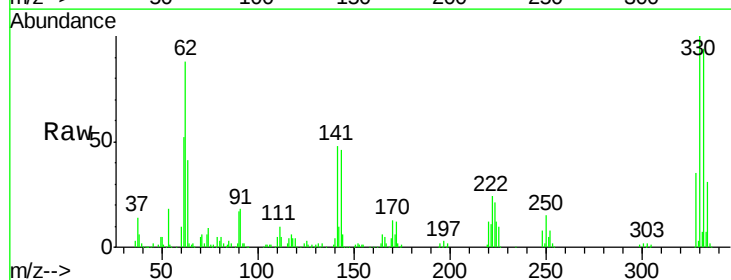
Instrument :
BNA_F
ClientSampleId :

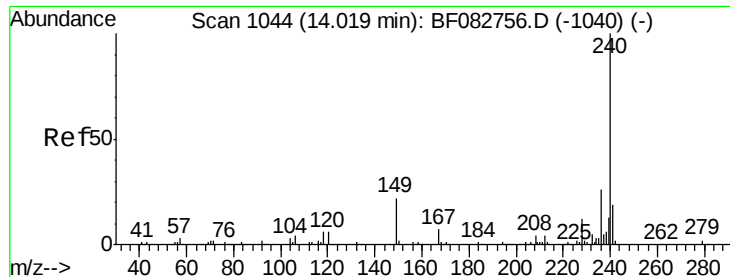
Tot Ion:188 Resp: 648180
Ion Ratio Lower Upper
188 100
94 12.7 6.1 9.1#
80 14.8 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 3.73 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.34 min
Lab File: BF082987.D
Acq: 18 Nov 2015 1:27

Tgt Ion:248 Resp: 29123
Ion Ratio Lower Upper
248 100
250 186.8 79.4 119.2#
141 603.3 36.3 54.5#





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082987.D

Acq: 18 Nov 2015 1:27

Instrument :

BNA_F

ClientSampleId :

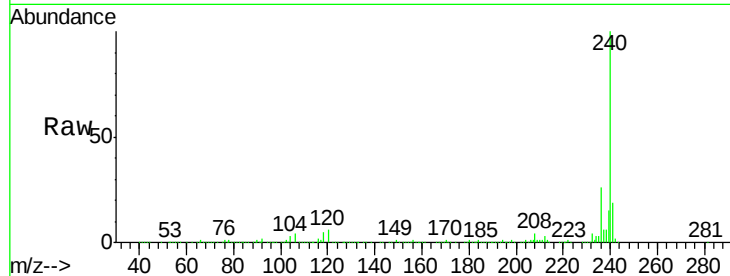
Tot Ion:240 Resp: 616473

Ion Ratio Lower Upper

240 100

120 6.0 10.9 16.3#

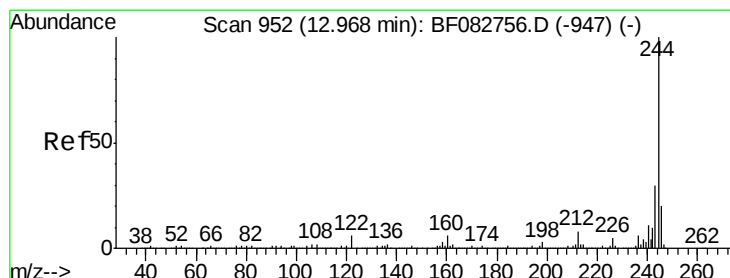
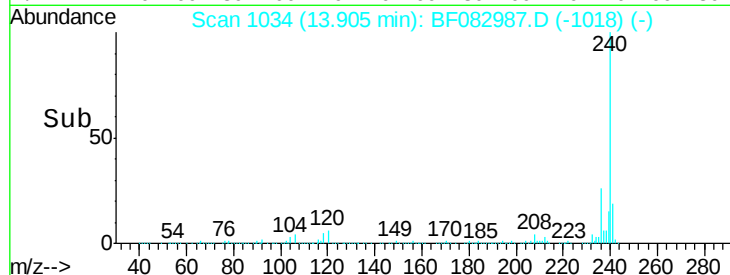
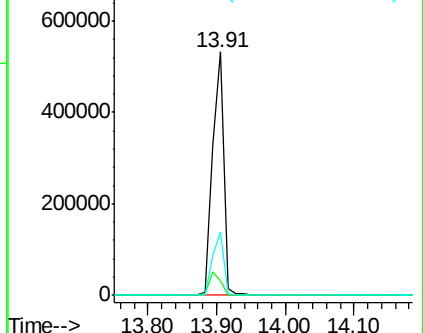
236 26.0 21.6 32.4



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: 83.49 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082987.D

Acq: 18 Nov 2015 1:27

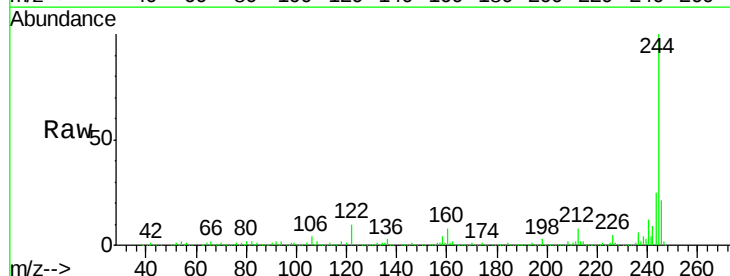
Tgt Ion:244 Resp: 2169952

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

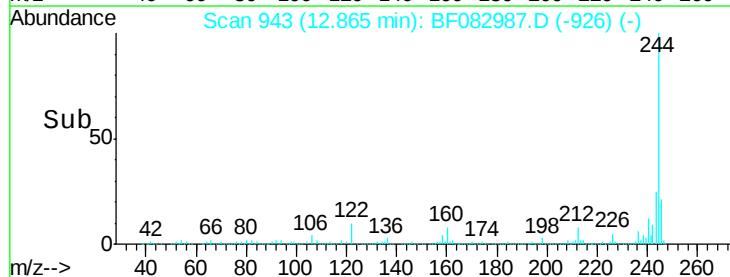
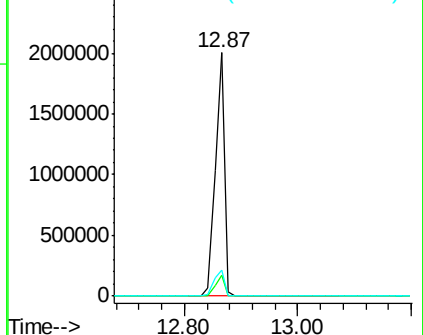
122 10.5 11.3 16.9#

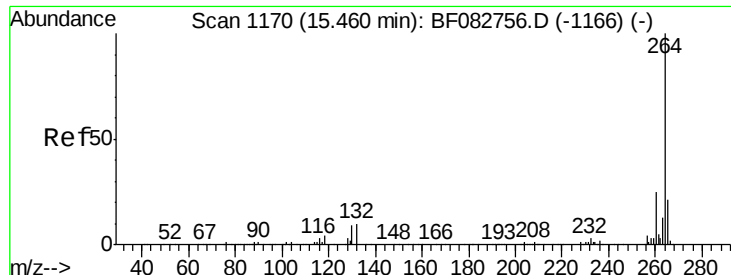


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

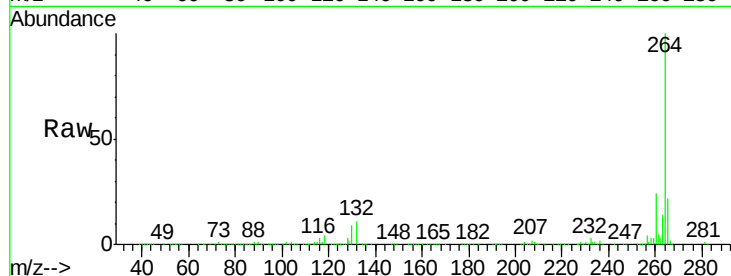




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.16 min
 Lab File: BF082987.D
 Acq: 18 Nov 2015 1:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	22.0	17.4	26.0



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

