

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
 Data File : BF098659.D
 Acq On : 20 Sep 2017 14:49
 Operator : SJ/JU
 Sample : I5276-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 05:18:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

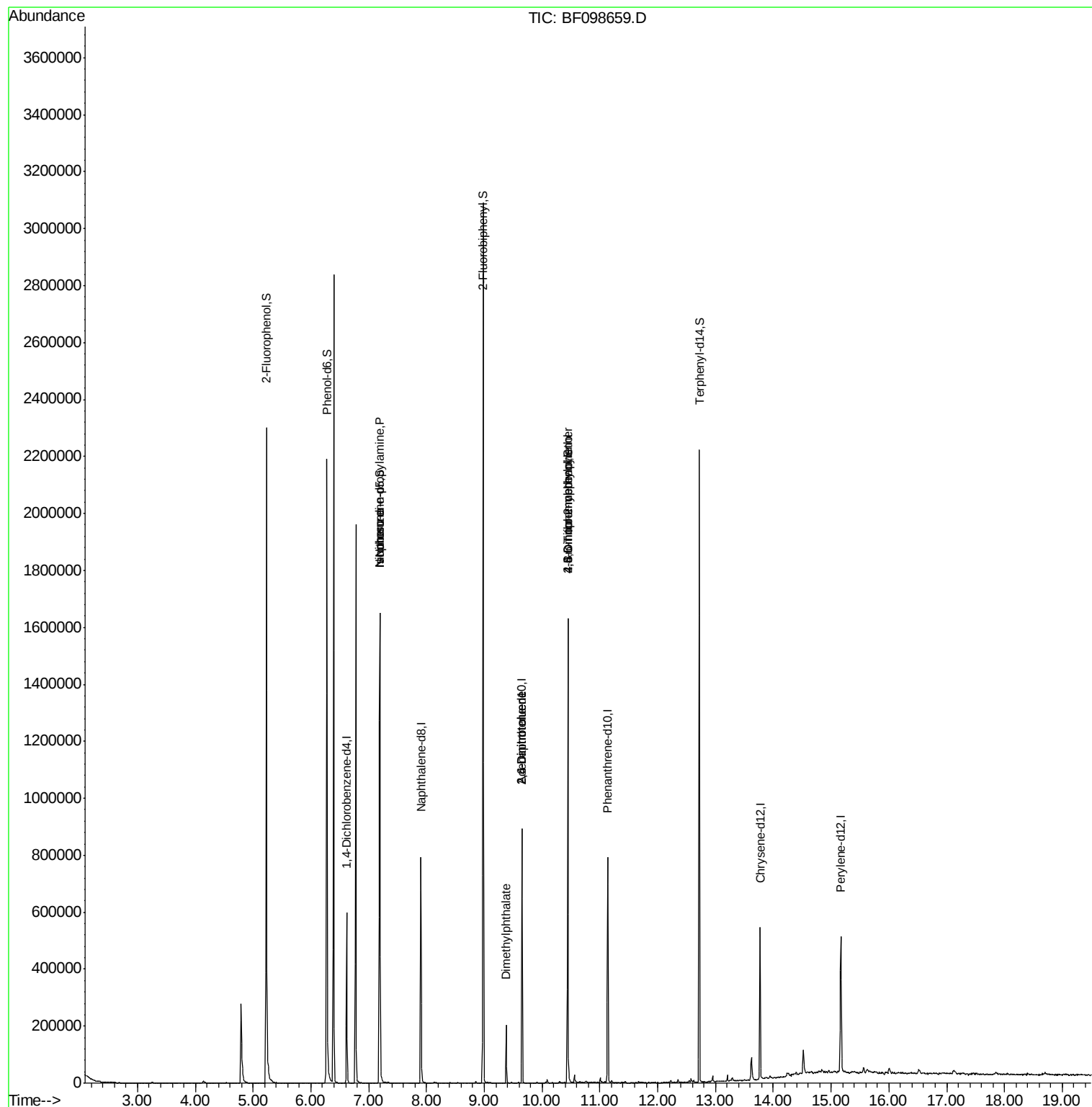
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	84172	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	361951	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	165709	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	280224	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	184458	20.00	ng	-0.01
86) Perylene-d12	15.17	264	187575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	637630	112.00	ng	-0.01
7) Phenol-d6	6.27	99	815239	112.79	ng	-0.02
23) Nitrobenzene-d5	7.19	82	501402	77.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.45	330	150583	136.15	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	861440	88.11	ng	-0.02
78) Terphenyl-d14	12.72	244	641026	75.01	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	68599	15.09	ng	# 81
25) Isophorone	7.19	82	501397	38.17	ng	# 67
49) Dimethylphthalate	9.38	163	85051	6.63	ng	97
50) 2,6-Dinitrotoluene	9.65	165	20503	7.78	ng	# 35
56) 2,4-Dinitrotoluene	9.65	165	20503	6.40	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.45	198	332	5.14	ng	# 1
66) 4-Bromophenyl-phenylether	10.45	248	11778	4.43	ng	# 1

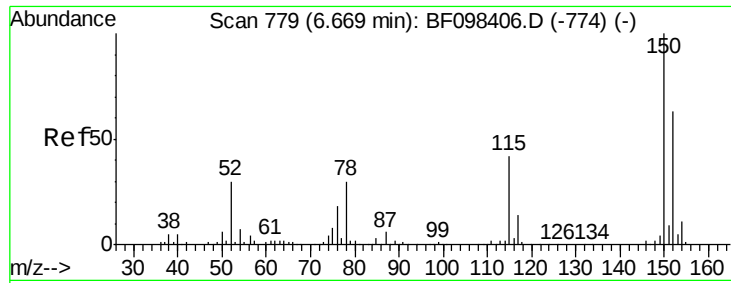
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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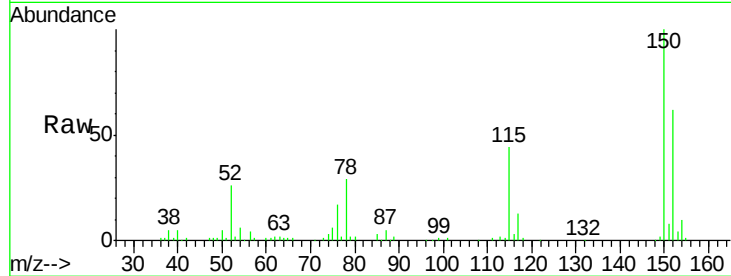


#1

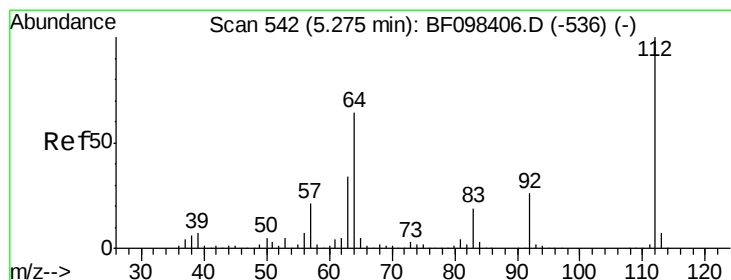
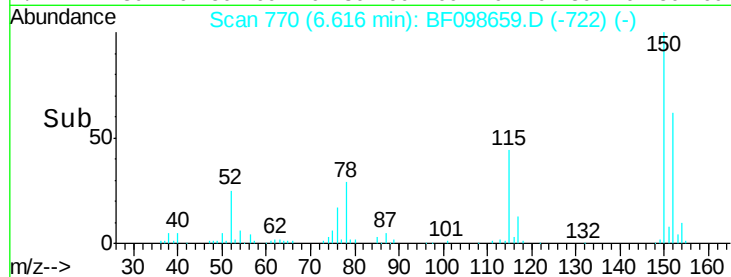
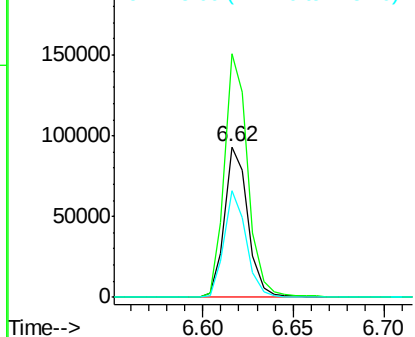
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84172
Ion Ratio Lower Upper
152 100
150 162.0 126.2 189.2
115 71.0 52.2 78.2



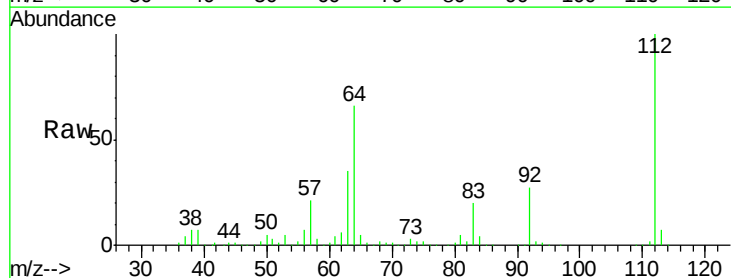
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



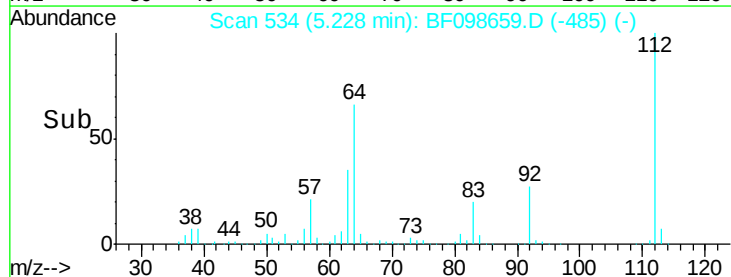
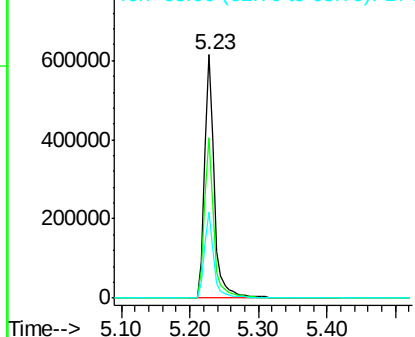
#5

2-Fluorophenol
Concen: 112.00 ng
RT: 5.23 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Tgt Ion:112 Resp: 637630
Ion Ratio Lower Upper
112 100
64 65.8 46.0 69.0
63 35.5 23.4 35.0#



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: 112.79 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF098659.D

Acq: 20 Sep 2017 14:49

Instrument :

BNA_F

ClientSampled :

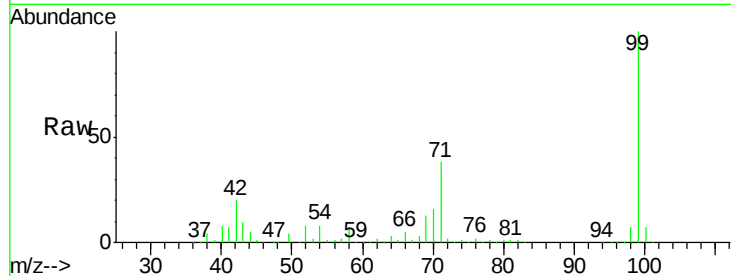
Tot Ion: 99 Resp: 815239

Ion Ratio Lower Upper

99 100

42 20.3 13.5 20.3#

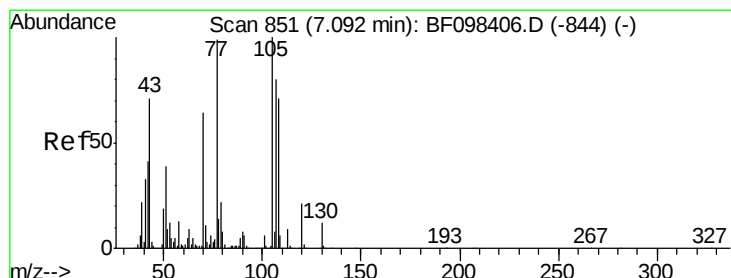
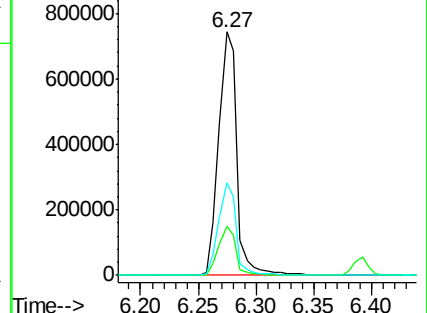
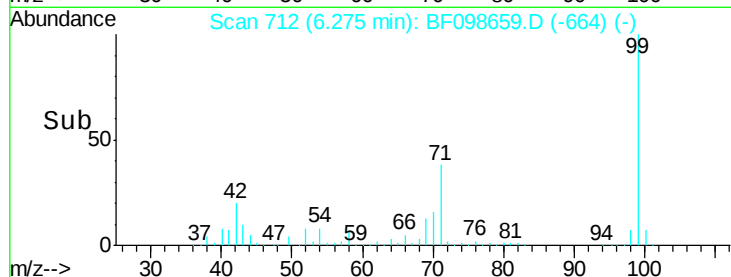
71 38.3 24.5 36.7#



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: 15.09 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.14 min

Lab File: BF098659.D

Acq: 20 Sep 2017 14:49

Tgt Ion: 70 Resp: 68599

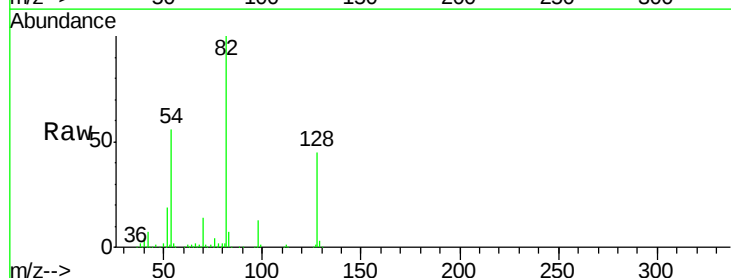
Ion Ratio Lower Upper

70 100

42 50.0 47.2 70.8

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

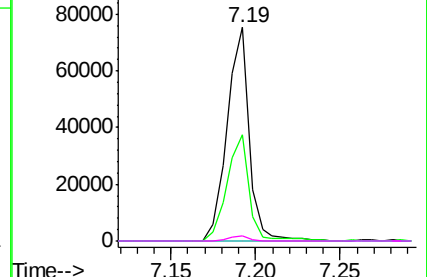
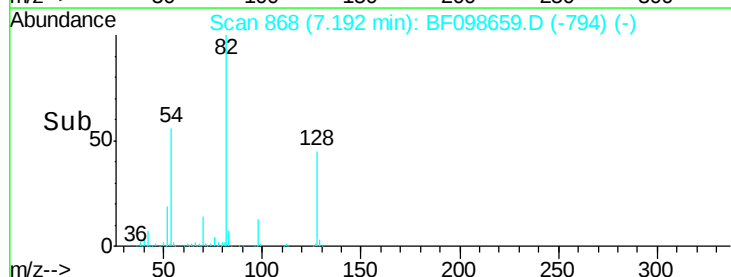


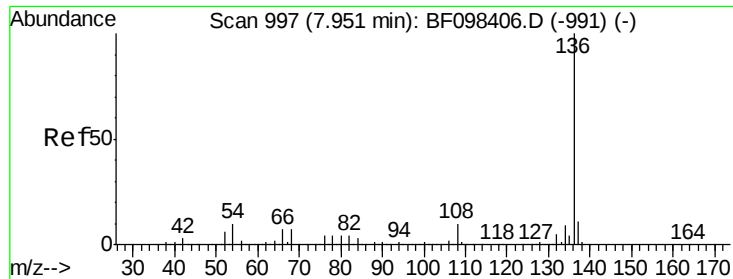
Abundance Ion 70.00 (69.70 to 70.70): BF0

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# 989

Delta R.T. -0.02 min

Lab File: BF098659.D

Acq: 20 Sep 2017 14:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 361951

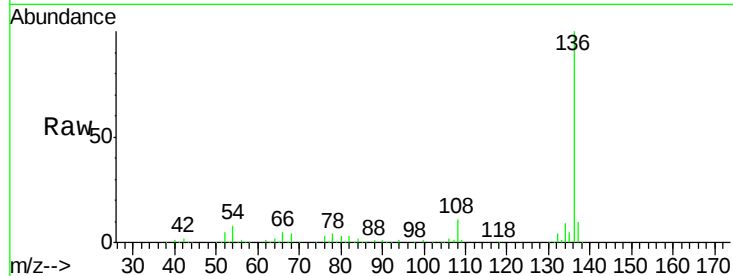
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 8.0 4.9 7.3#

68 4.3 4.1 6.1

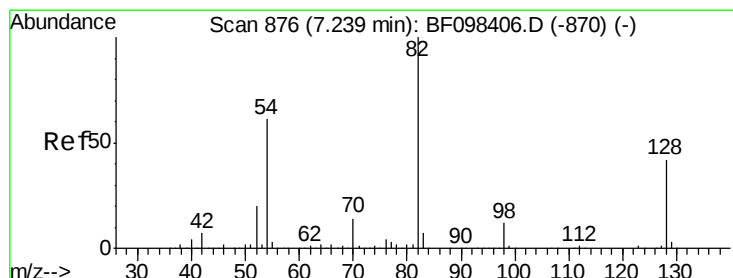
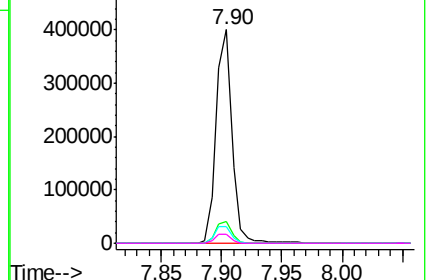
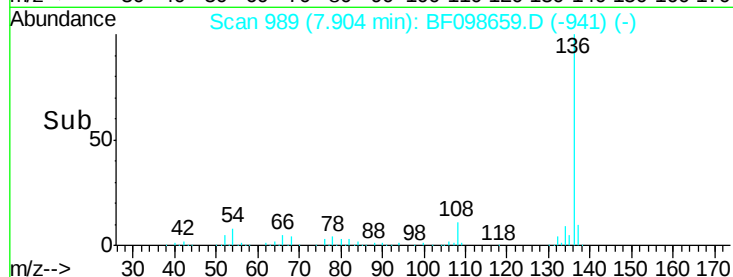


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.23 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BF098659.D

Acq: 20 Sep 2017 14:49

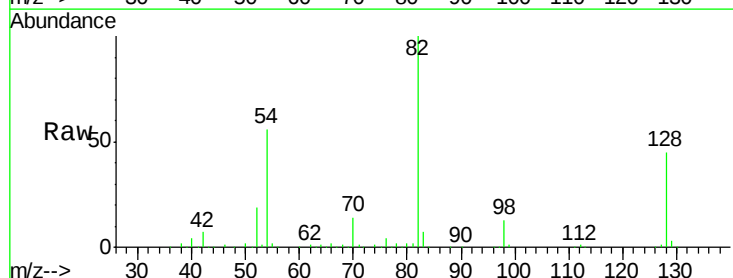
Tgt Ion: 82 Resp: 501402

Ion Ratio Lower Upper

82 100

128 44.8 34.0 51.0

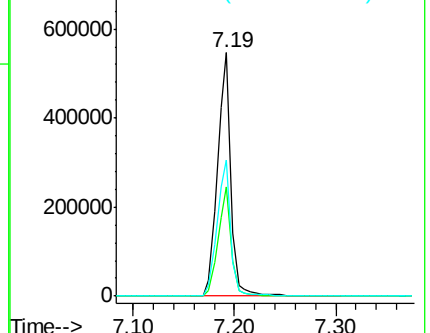
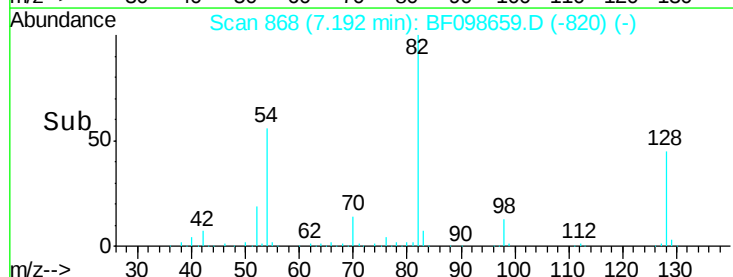
54 55.8 42.2 63.2

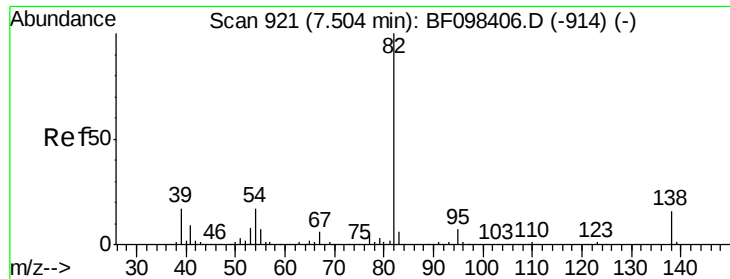


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 38.17 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.28 min

Lab File: BF098659.D

Acq: 20 Sep 2017 14:49

Instrument :

BNA_F

ClientSampleId :

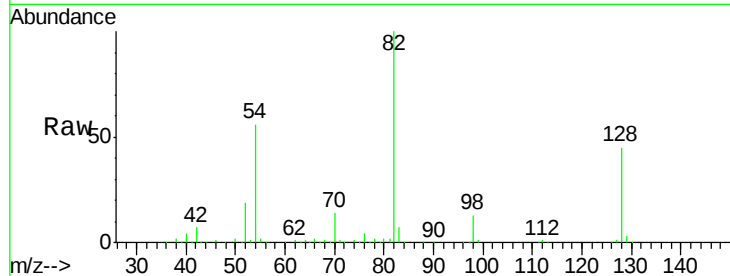
Tot Ion: 82 Resp: 501397

Ion Ratio Lower Upper

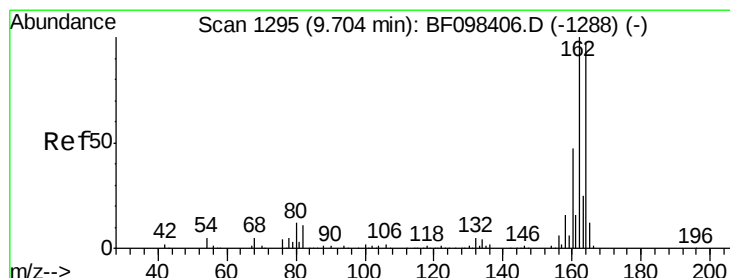
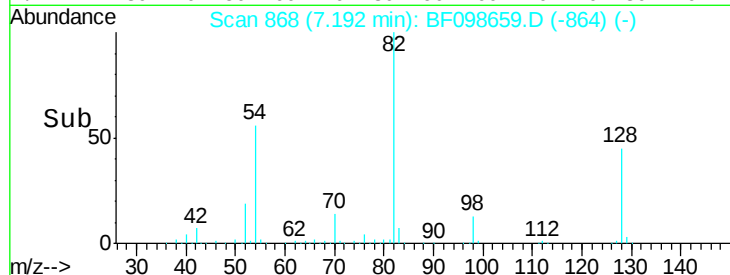
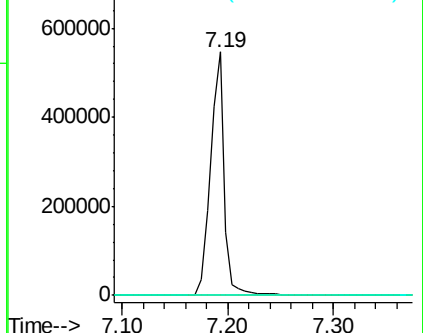
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF098659.D

Acq: 20 Sep 2017 14:49

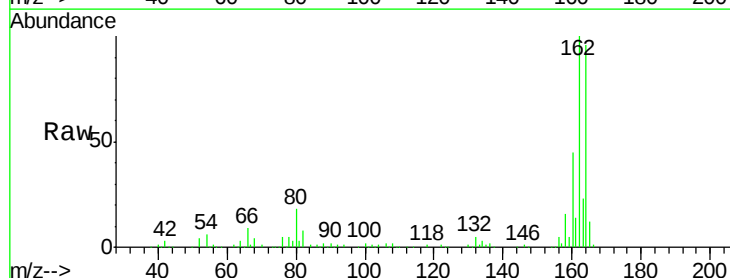
Tgt Ion: 164 Resp: 165709

Ion Ratio Lower Upper

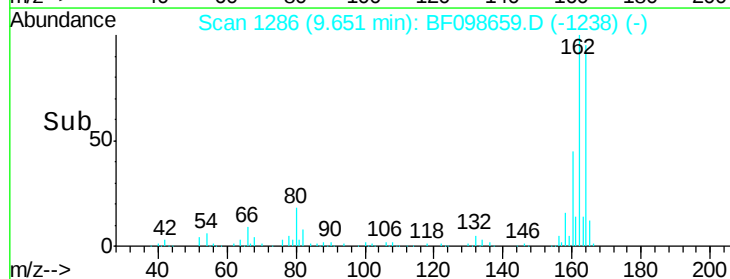
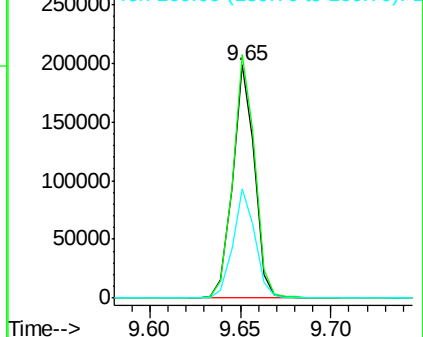
164 100

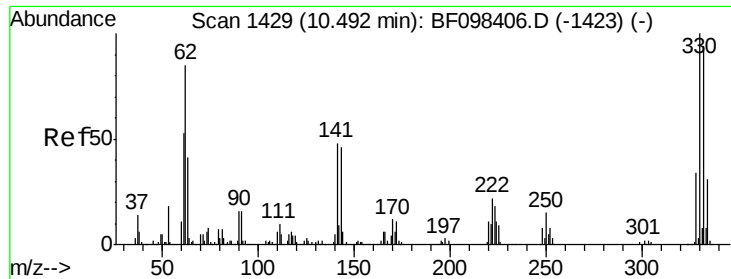
162 104.3 82.6 123.8

160 46.8 36.2 54.2



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

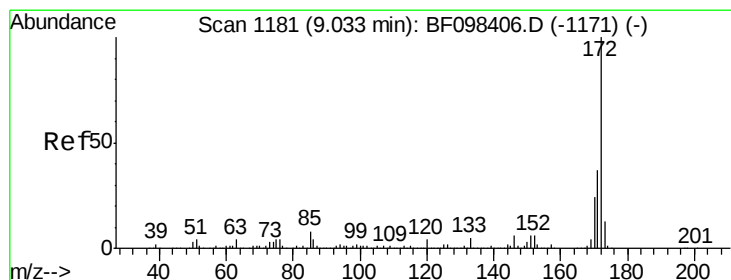
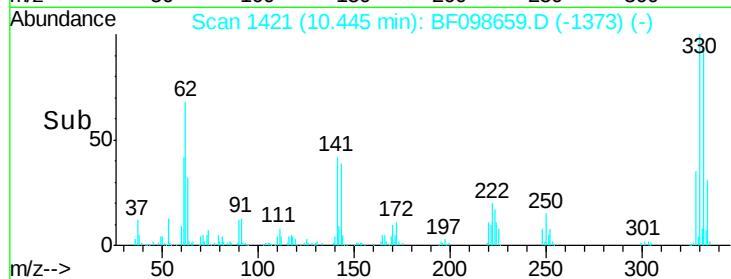
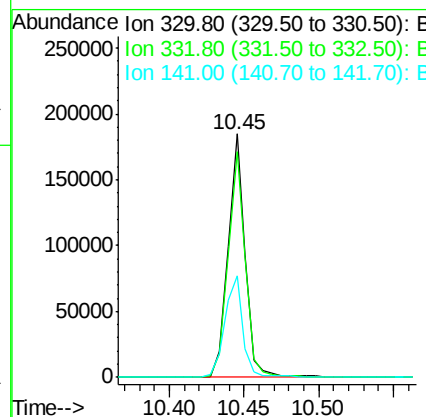
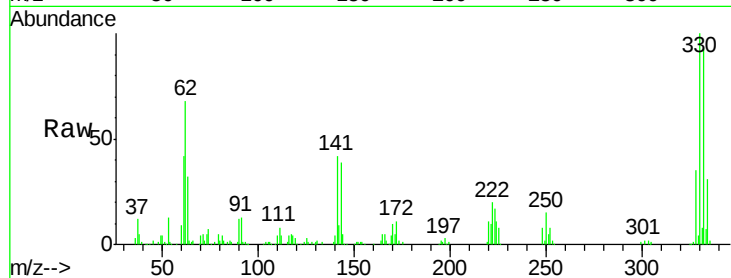




#41
 2,4,6-Tribromophenol
 Concen: 136.15 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF098659.D
 Acq: 20 Sep 2017 14:49

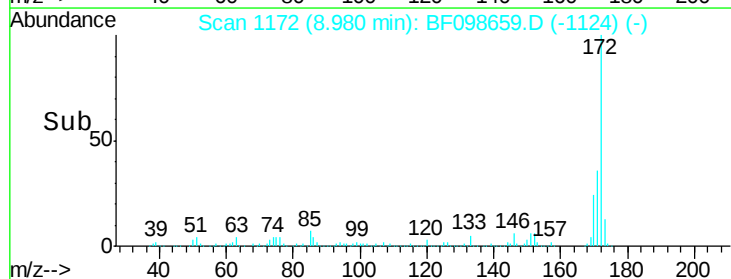
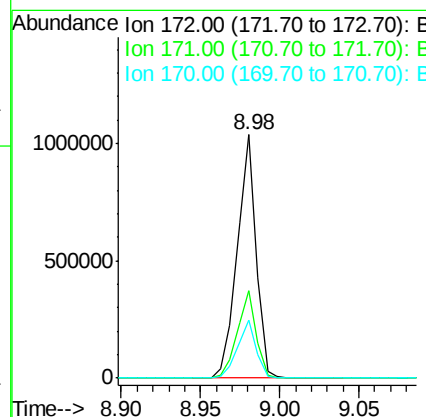
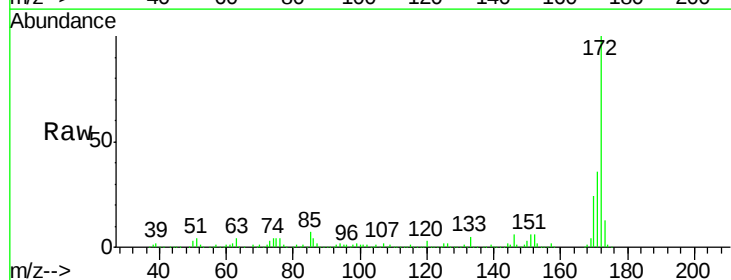
Instrument :
 BNA_F
 ClientSampled :

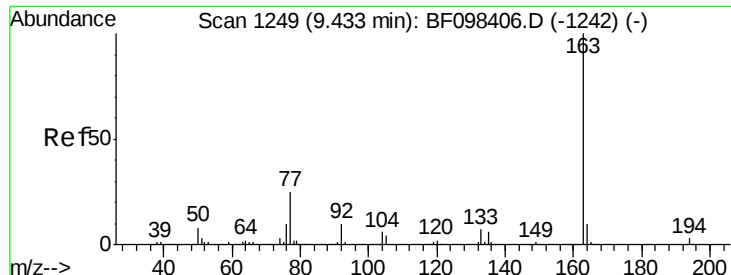
Tot Ion	330	332	141
Resp:	150583		
Ion Ratio	100	94.8	43.9
Lower		76.6	31.4
Upper		115.0	47.2



#44
 2-Fluorobiphenyl
 Concen: 88.11 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF098659.D
 Acq: 20 Sep 2017 14:49

Tgt Ion	172	171	170
Resp:	861440		
Ion Ratio	100	36.1	23.7
Lower		29.6	19.8
Upper		44.4	29.8

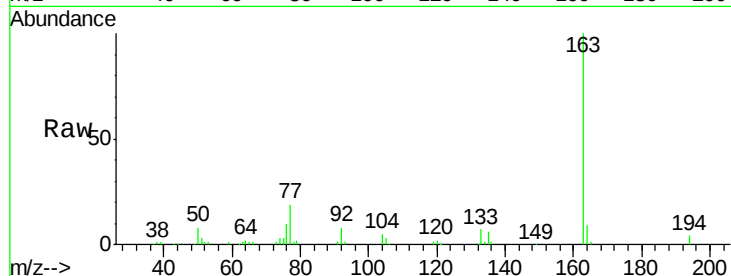




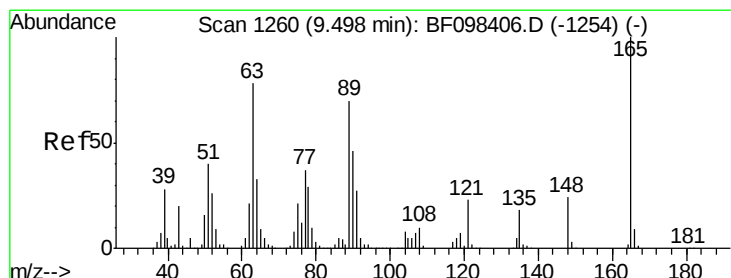
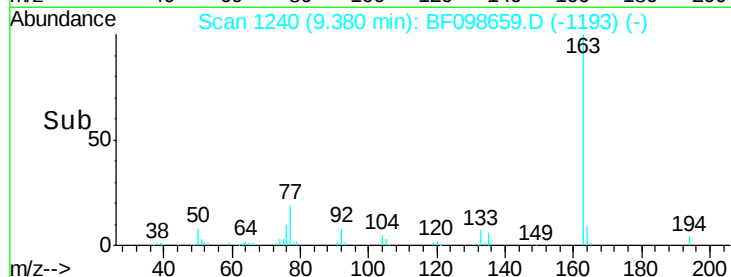
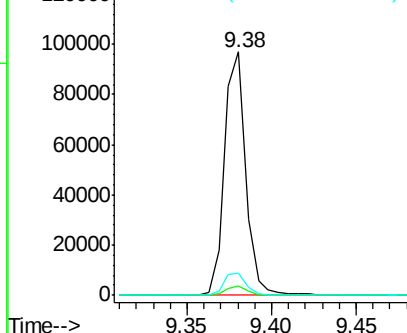
#49
Dimethylphthalate
Concen: 6.63 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 85051
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 8.9 8.4 12.6

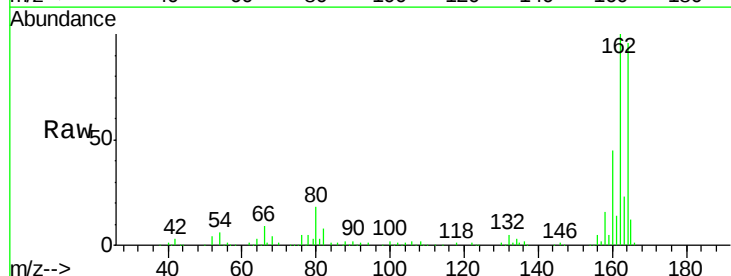


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

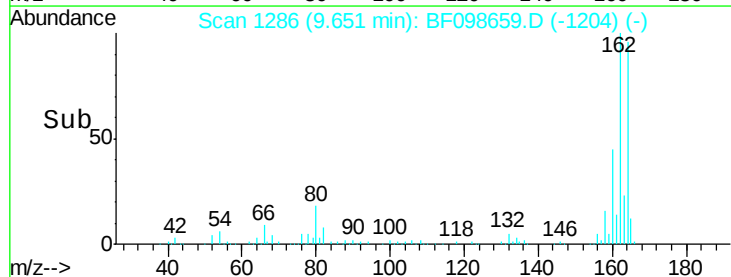
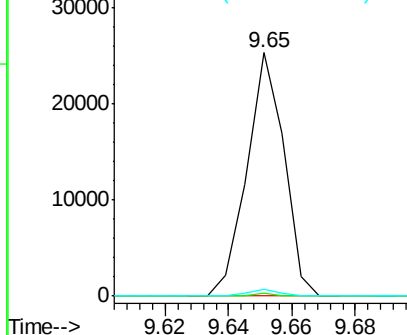


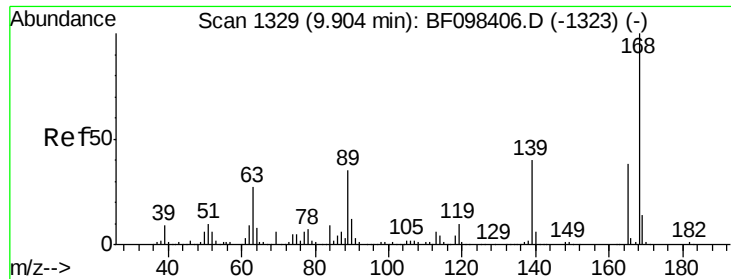
#50
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.18 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Tgt Ion:165 Resp: 20503
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 2.7 37.1 55.7#



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

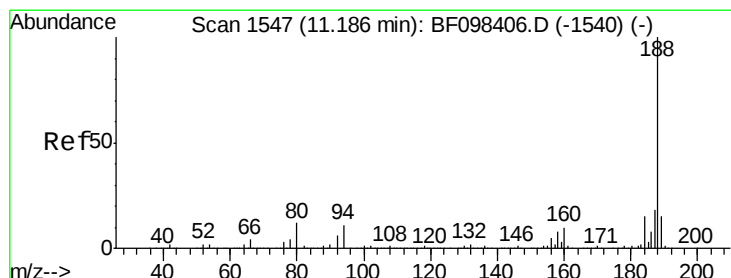
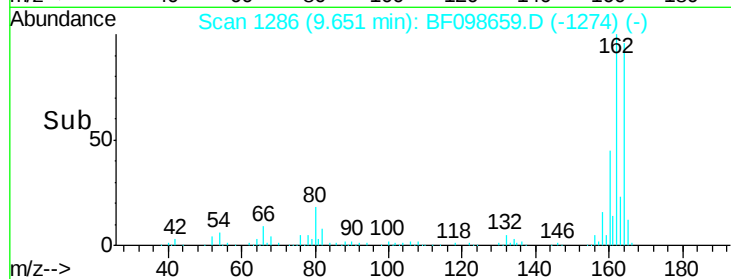
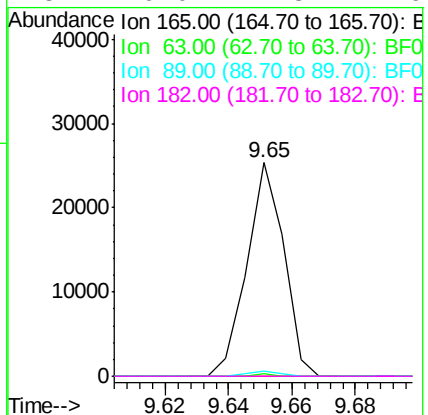
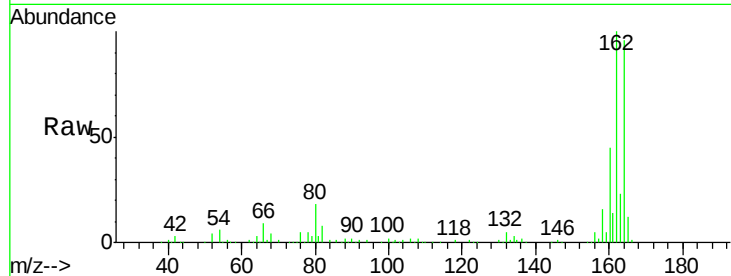




#56
 2,4-Dinitrotoluene
 Concen: 6.40 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.23 min
 Lab File: BF098659.D
 Acq: 20 Sep 2017 14:49

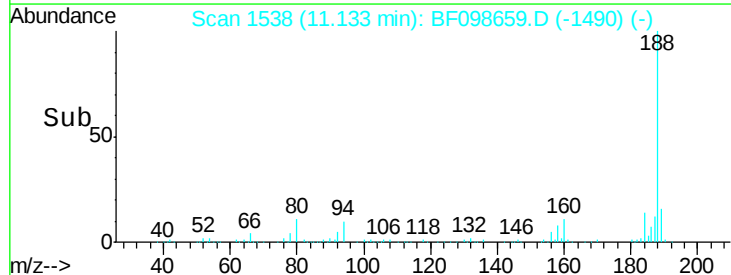
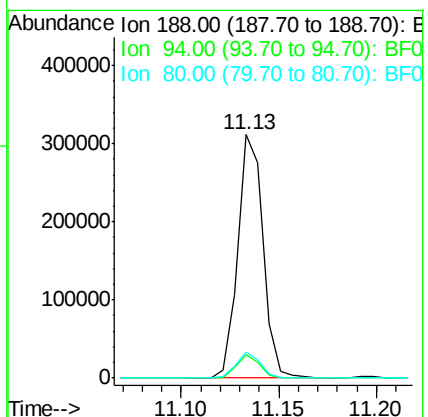
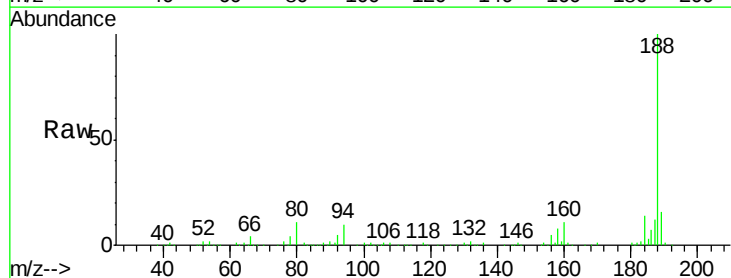
Instrument :
 BNA_F
 ClientSampleId :

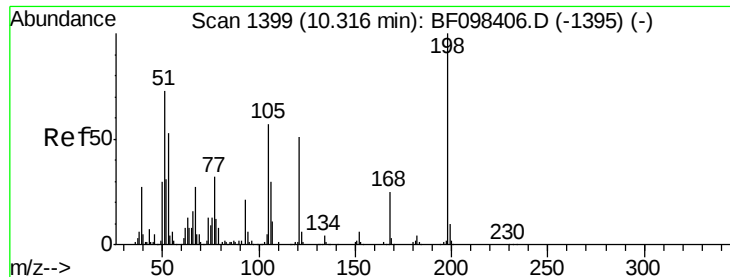
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	2.7	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.02 min
 Lab File: BF098659.D
 Acq: 20 Sep 2017 14:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.9	10.2	15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 5.14 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.15 min

Lab File: BF098659.D

Acq: 20 Sep 2017 14:49

Instrument :

BNA_F

ClientSampleId :

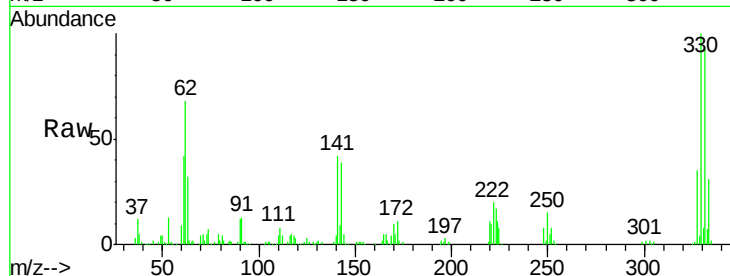
Tot Ion:198 Resp: 332

Ion Ratio Lower Upper

198 100

51 212.2 53.2 93.2#

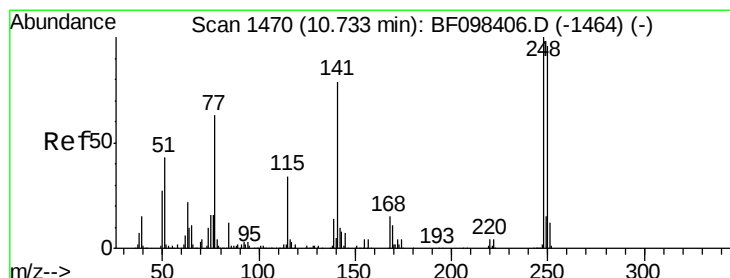
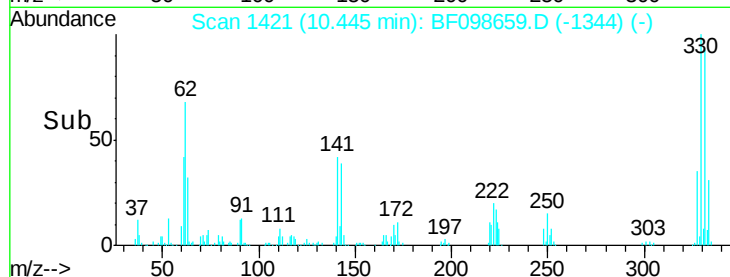
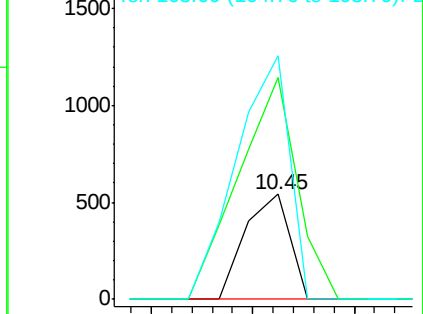
105 232.6 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.43 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.25 min

Lab File: BF098659.D

Acq: 20 Sep 2017 14:49

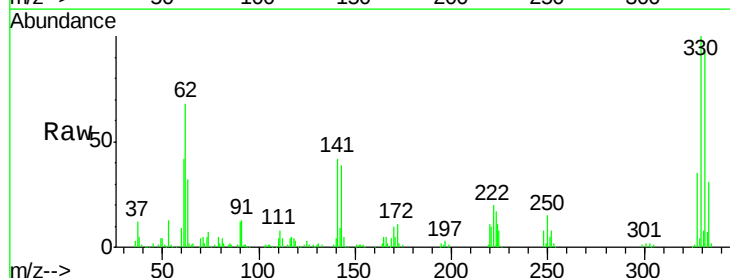
Tgt Ion:248 Resp: 11778

Ion Ratio Lower Upper

248 100

250 185.2 76.8 115.2#

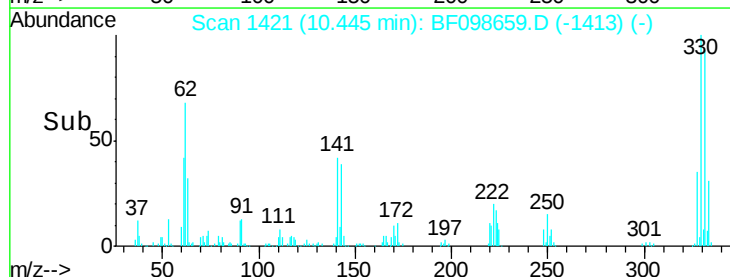
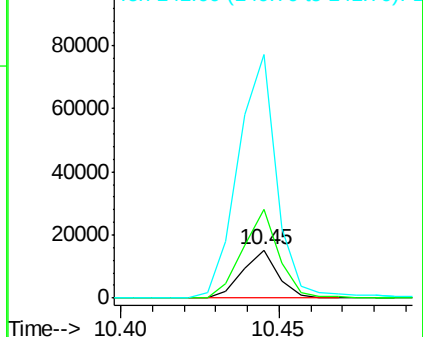
141 507.6 68.6 103.0#

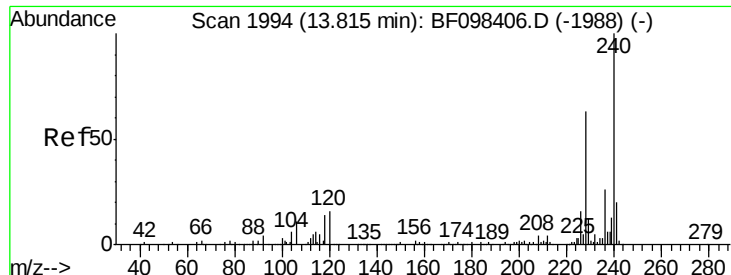


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

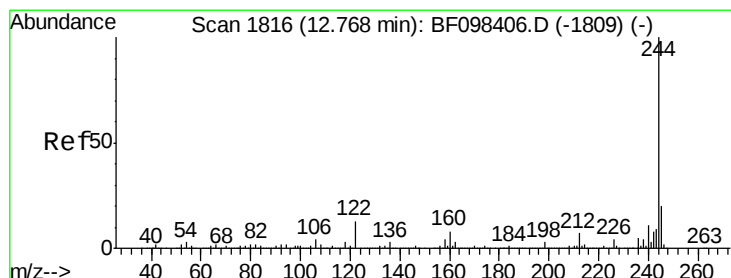
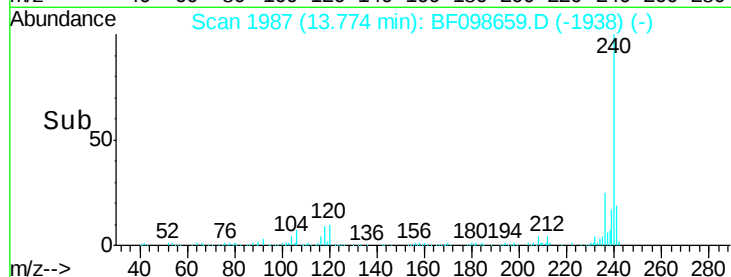
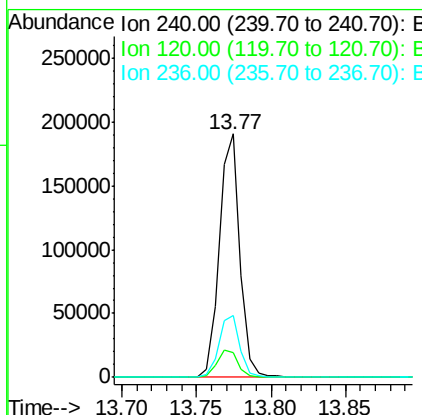
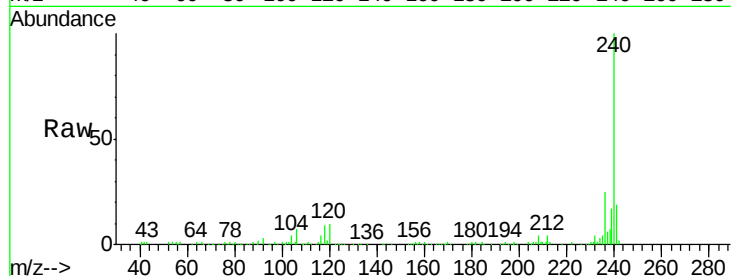




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF098659.D
 Acq: 20 Sep 2017 14:49

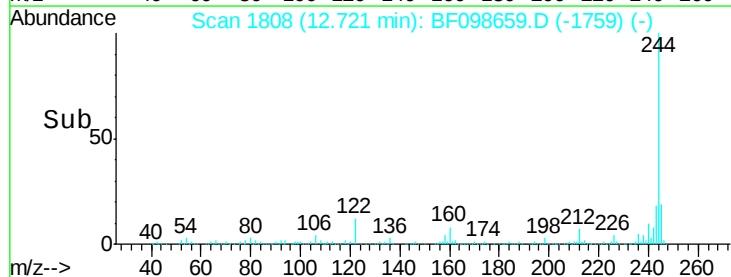
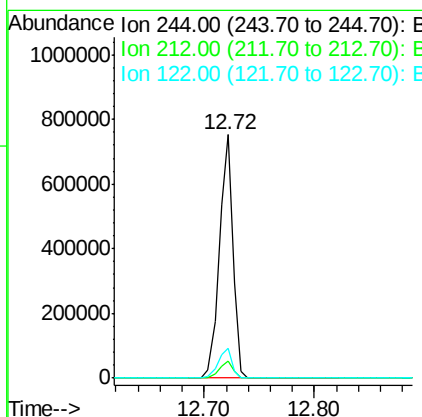
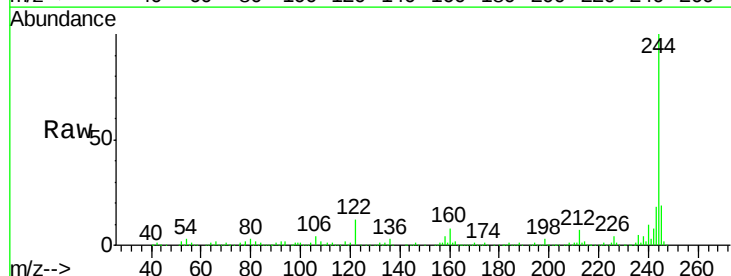
Instrument :
 BNA_F
 ClientSampleID :

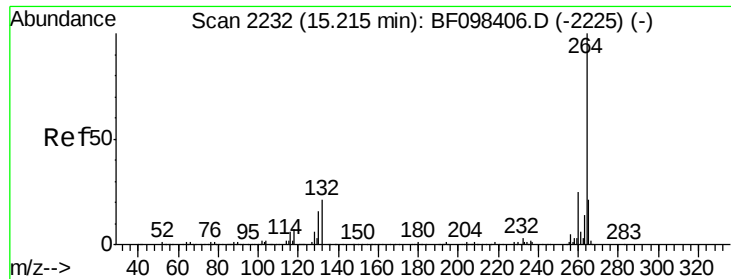
Tot Ion:240 Resp: 184458
 Ion Ratio Lower Upper
 240 100
 120 9.9 5.8 8.8#
 236 25.2 20.5 30.7



#78
 Terphenyl-d14
 Concen: 75.01 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF098659.D
 Acq: 20 Sep 2017 14:49

Tgt Ion:244 Resp: 641026
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.2 10.3 15.5

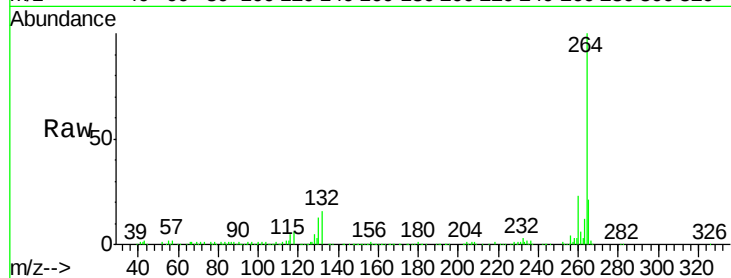




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.8	17.2	25.8



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

