

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091917\
 Data File : BF098647.D
 Acq On : 19 Sep 2017 18:00
 Operator : SJ/JU
 Sample : PB102449BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102449BL

Quant Time: Sep 20 01:20:50 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

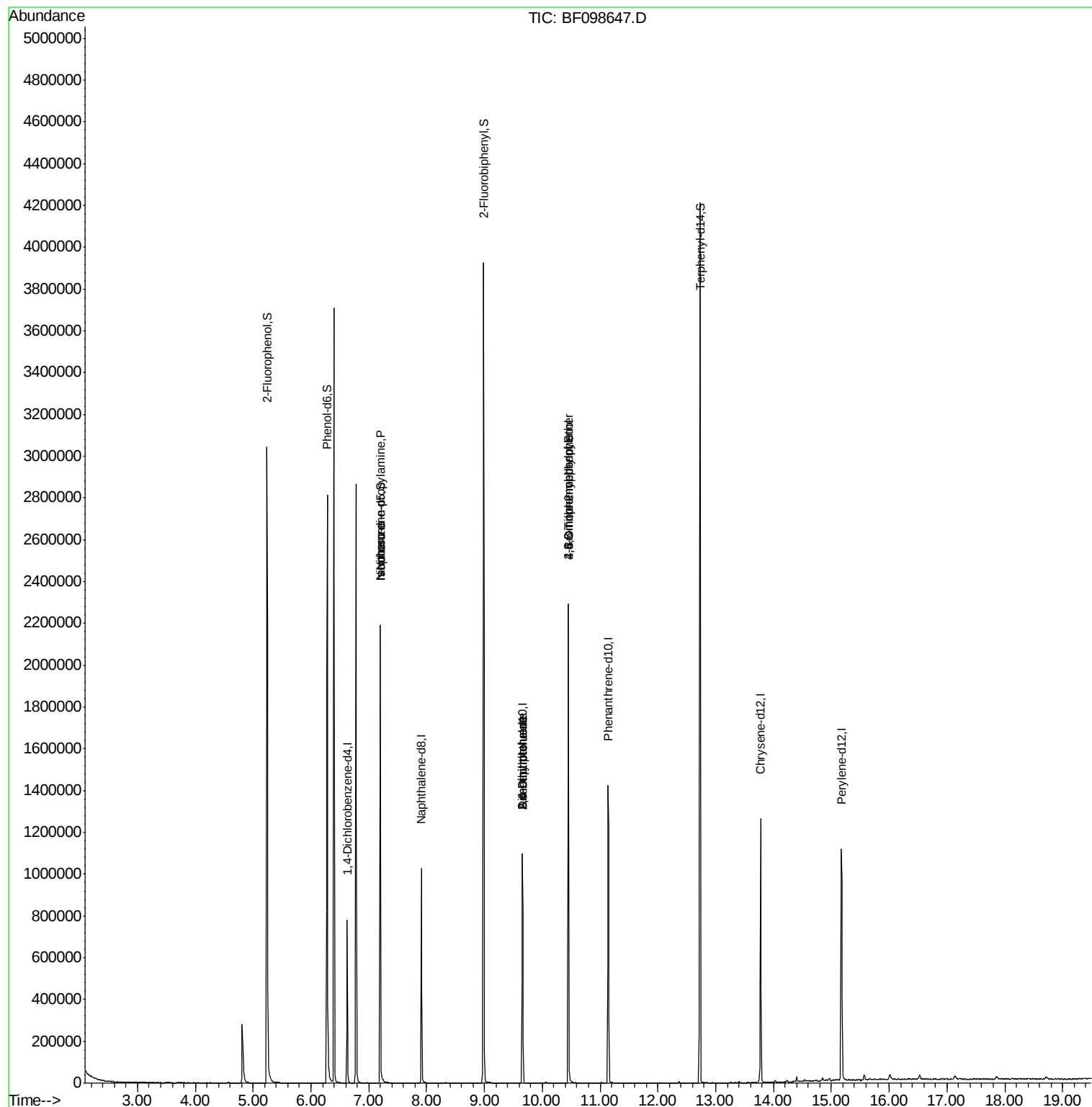
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	112643	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	442795	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	208834	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	519133	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	444438	20.00	ng	0.00
86) Perylene-d12	15.17	264	506228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	872073	114.47	ng	0.00
7) Phenol-d6	6.28	99	1132653	117.09	ng	-0.01
23) Nitrobenzene-d5	7.20	82	682766	85.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	241201	173.05	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1220664	99.07	ng	-0.01
78) Terphenyl-d14	12.73	244	1561200	75.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	91968	15.12	ng	# 79
25) Isophorone	7.20	82	682761	42.49	ng	# 67
49) Dimethylphthalate	9.66	163	60742	3.76	ng	# 1
50) 2,6-Dinitrotoluene	9.66	165	26580	8.00	ng	# 34
56) 2,4-Dinitrotoluene	9.66	165	26580	6.58	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.45	198	570	5.12	ng	# 1
66) 4-Bromophenyl-phenylether	10.45	248	18855	3.83	ng	# 1

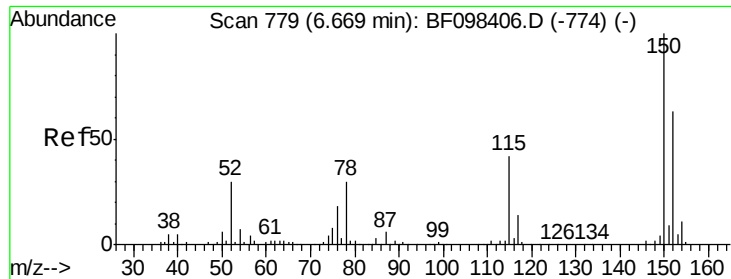
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091917\
Data File : BF098647.D
Acq On : 19 Sep 2017 18:00
Operator : SJ/JU
Sample : PB102449BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102449BL

Quant Time: Sep 20 01:20:50 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



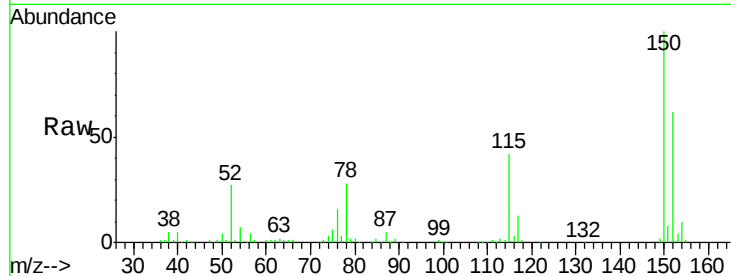


#1

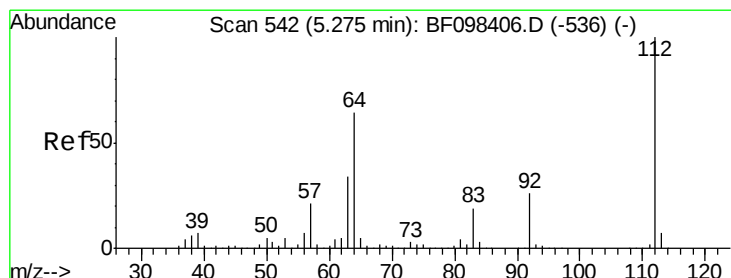
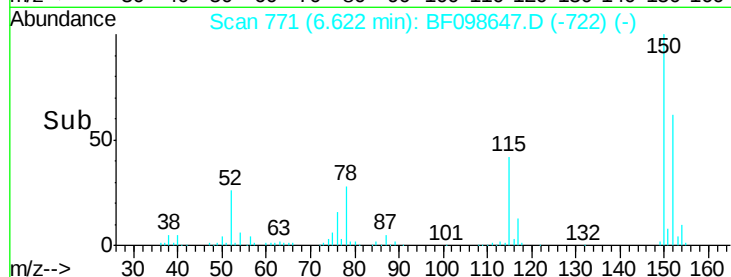
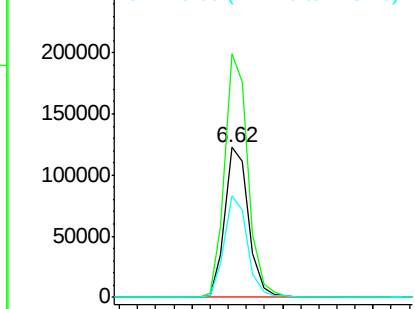
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF098647.D
Acq: 19 Sep 2017 18:00

Instrument :
BNA_F
ClientSampleId :
PB102449BL

Tot Ion:152 Resp: 112643
Ion Ratio Lower Upper
152 100
150 162.4 126.2 189.2
115 67.4 52.2 78.2



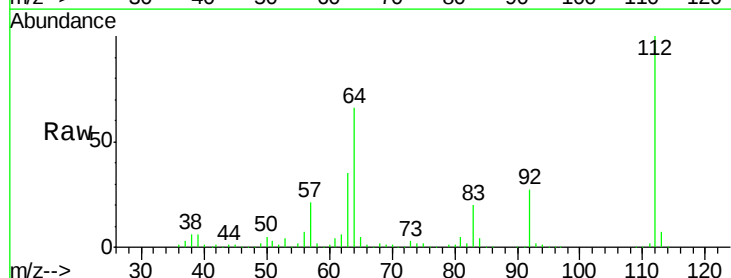
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



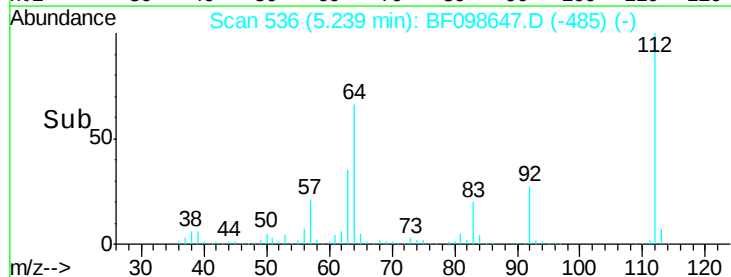
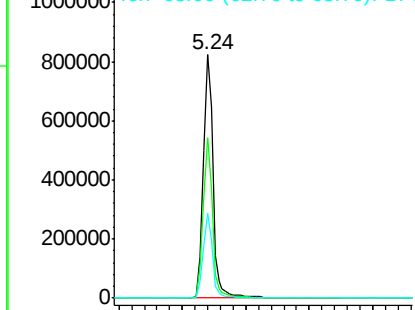
#5

2-Fluorophenol
Concen: 114.47 ng
RT: 5.24 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF098647.D
Acq: 19 Sep 2017 18:00

Tgt Ion:112 Resp: 872073
Ion Ratio Lower Upper
112 100
64 66.1 46.0 69.0
63 34.6 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: 117.09 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF098647.D

Acq: 19 Sep 2017 18:00

Instrument :

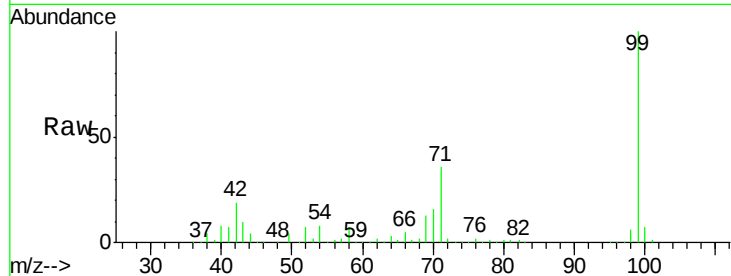
BNA_F

ClientSampleId :

PB102449BL

Tot Ion: 99 Resp: 1132653

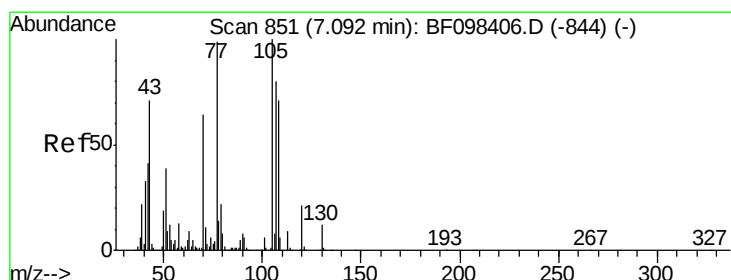
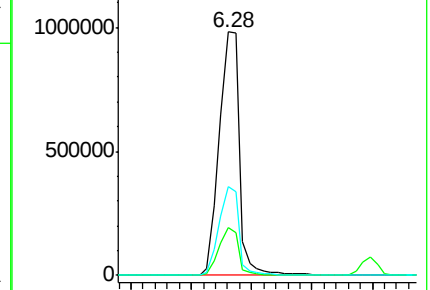
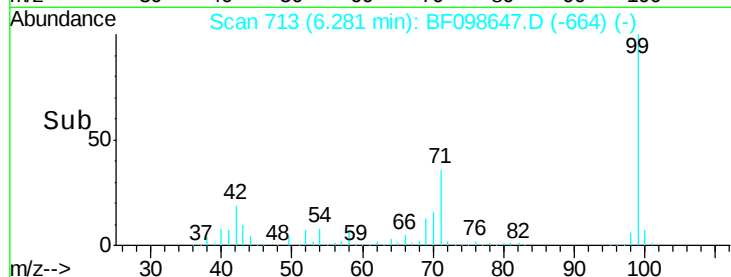
Ion	Ratio	Lower	Upper
99	100		
42	19.4	13.5	20.3
71	36.3	24.5	36.7



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: 15.12 ng

RT: 7.20 min Scan# 869

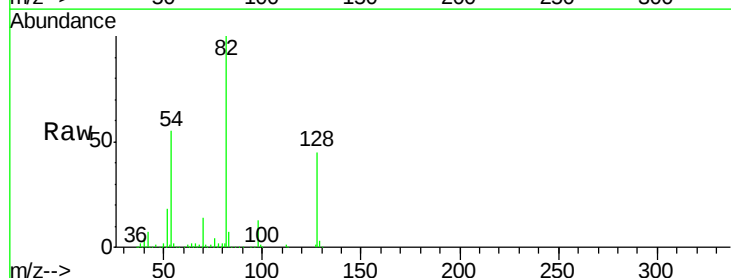
Delta R.T. 0.14 min

Lab File: BF098647.D

Acq: 19 Sep 2017 18:00

Tgt Ion: 70 Resp: 91968

Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

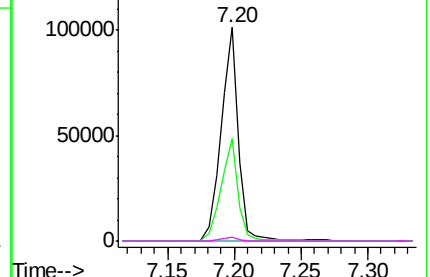
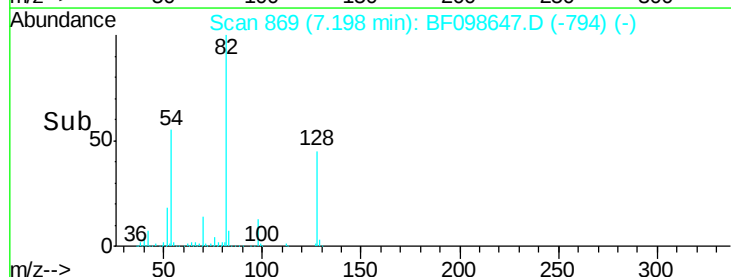


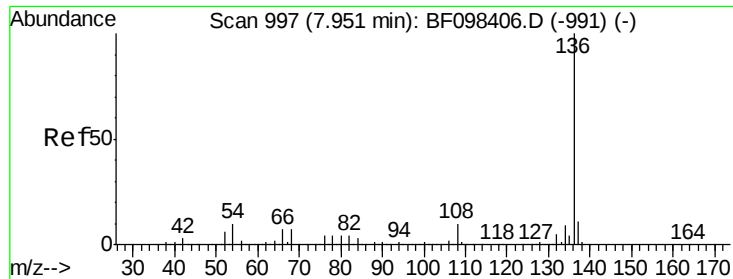
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF098647.D

Acq: 19 Sep 2017 18:00

Instrument :

BNA_F

ClientSampleId :

PB102449BL

Tot Ion:136 Resp: 442795

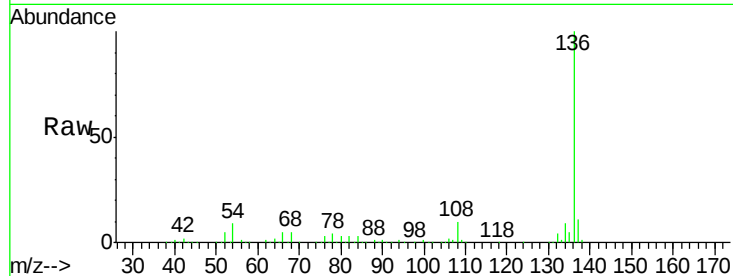
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 8.8 4.9 7.3#

68 5.1 4.1 6.1

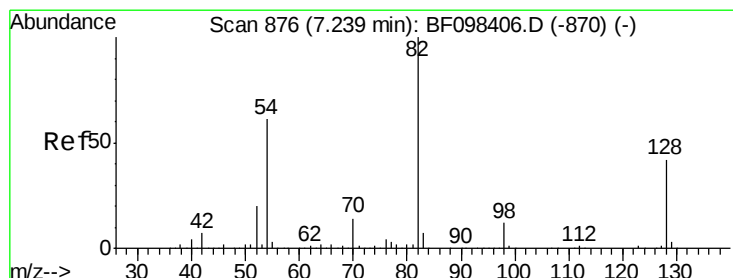
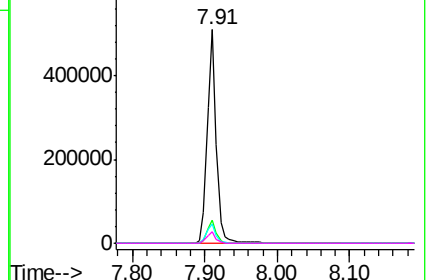
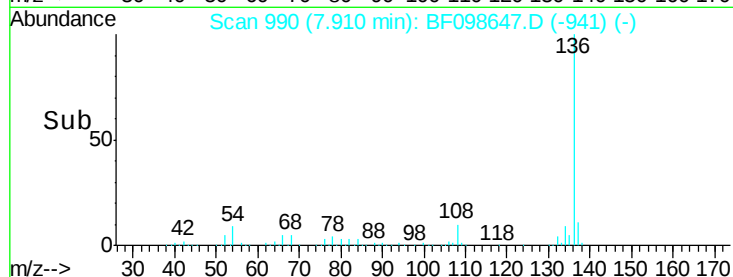


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.96 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF098647.D

Acq: 19 Sep 2017 18:00

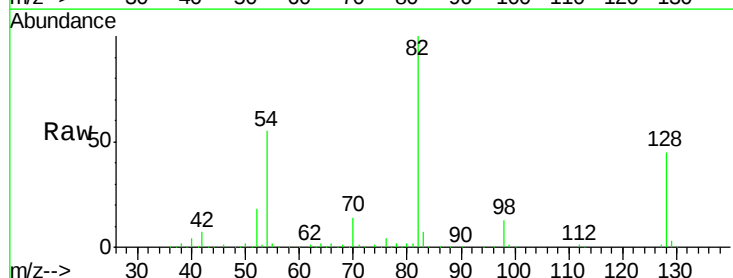
Tgt Ion: 82 Resp: 682766

Ion Ratio Lower Upper

82 100

128 45.3 34.0 51.0

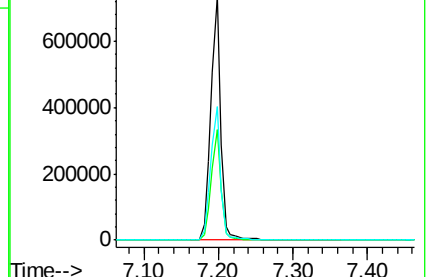
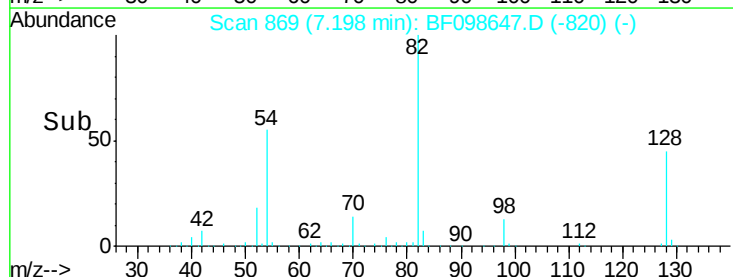
54 54.7 42.2 63.2

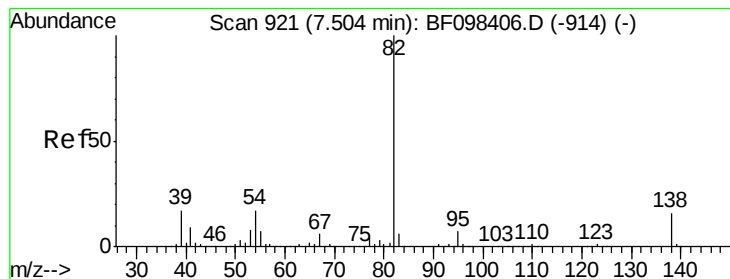


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.49 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.27 min

Lab File: BF098647.D

Acq: 19 Sep 2017 18:00

Instrument :

BNA_F

ClientSampleId :

PB102449BL

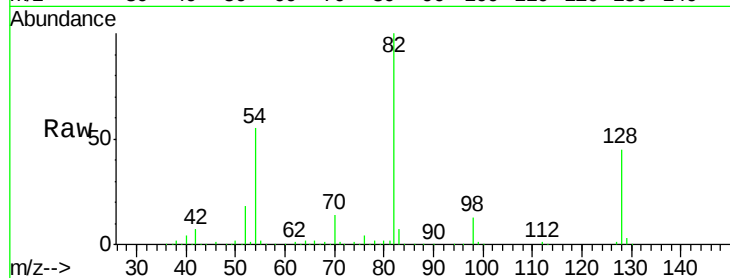
Tot Ion: 82 Resp: 682761

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

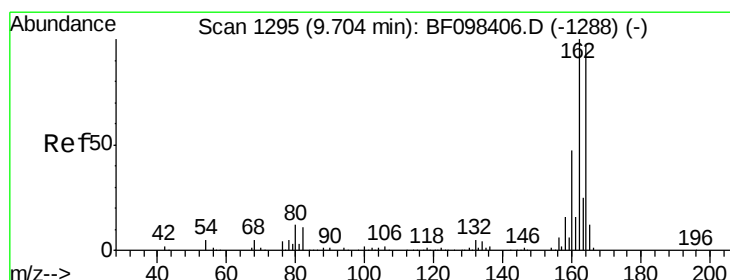
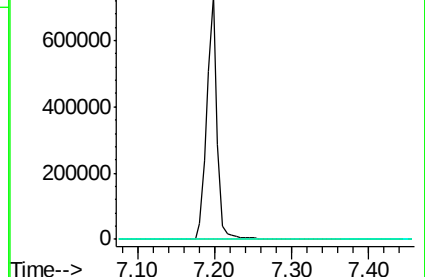
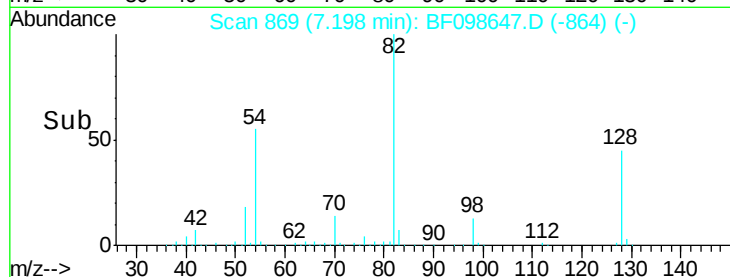
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF098647.D (-864) (-)

Ion 95.00 (94.70 to 95.70): BF098647.D (-864) (-)

Ion 138.00 (137.70 to 138.70): BF098647.D (-864) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF098647.D

Acq: 19 Sep 2017 18:00

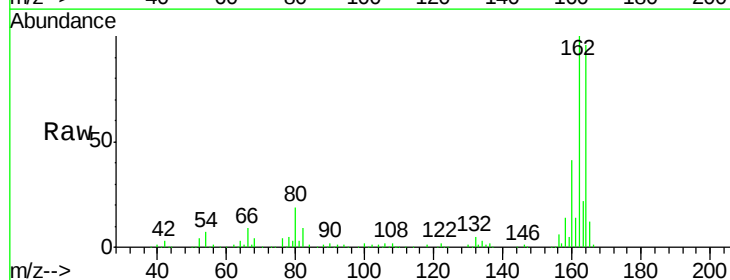
Tgt Ion: 164 Resp: 208834

Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

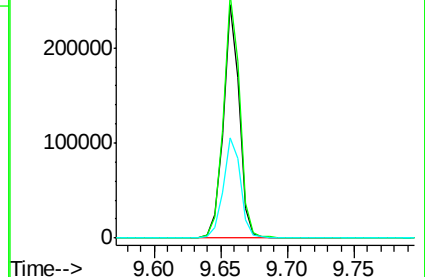
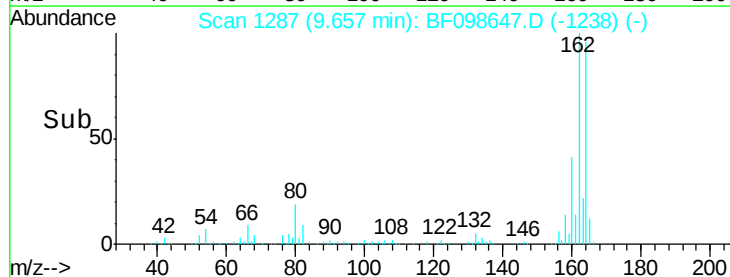
160 42.9 36.2 54.2

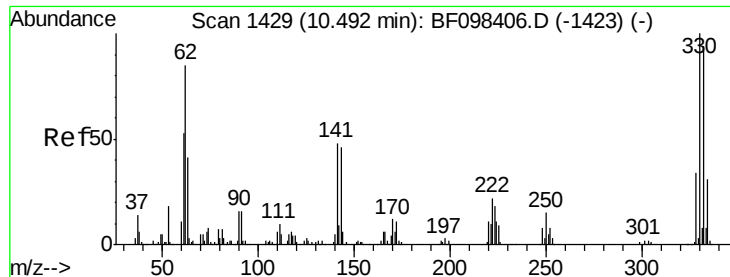


Abundance Ion 164.00 (163.70 to 164.70): BF098647.D (-1238) (-)

Ion 162.00 (161.70 to 162.70): BF098647.D (-1238) (-)

Ion 160.00 (159.70 to 160.70): BF098647.D (-1238) (-)

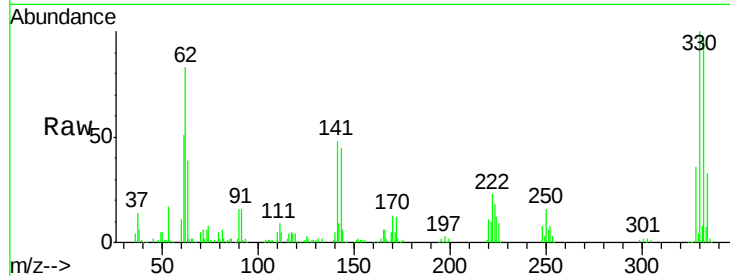




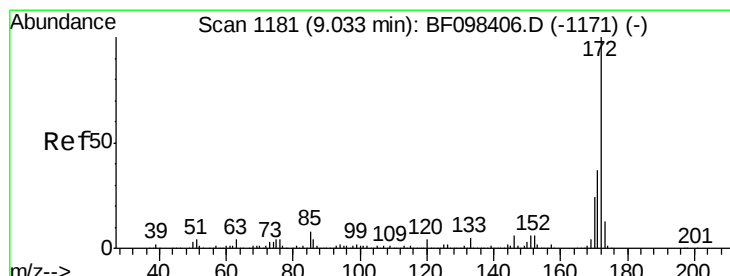
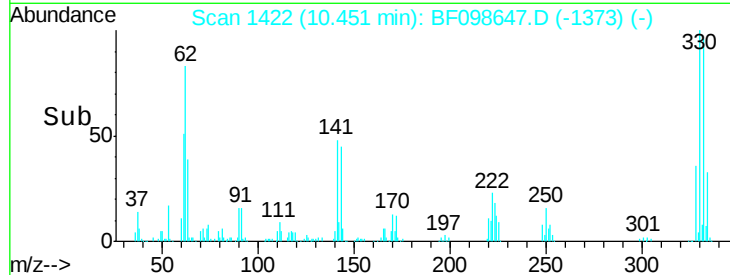
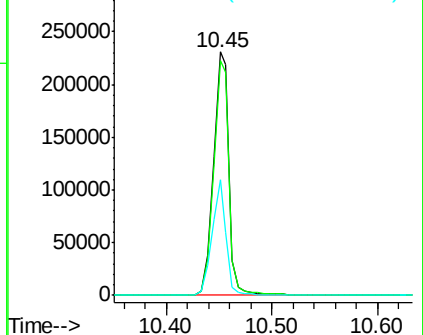
#41
 2,4,6-Tribromophenol
 Concen: 173.05 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF098647.D
 Acq: 19 Sep 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB102449BL

Tot Ion:330 Resp: 241201
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 42.7 31.4 47.2

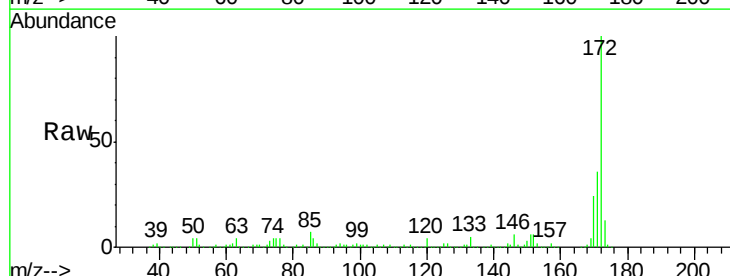


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

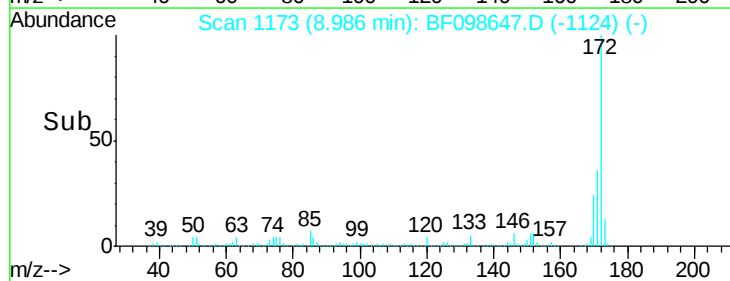
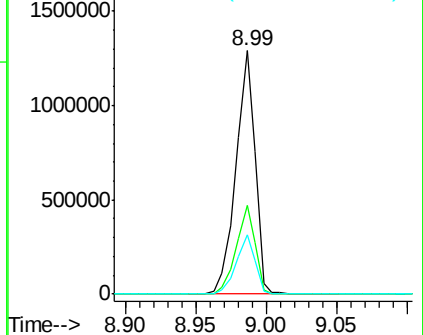


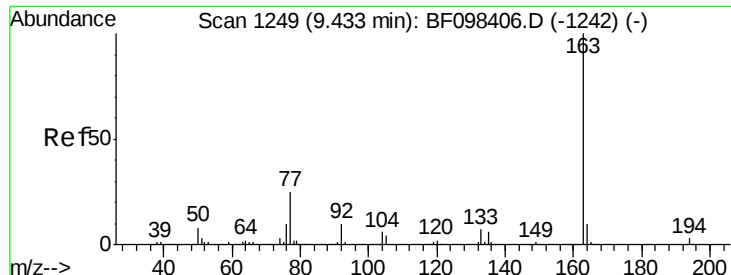
#44
 2-Fluorobiphenyl
 Concen: 99.07 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF098647.D
 Acq: 19 Sep 2017 18:00

Tgt Ion:172 Resp: 1220664
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.5 19.8 29.8



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

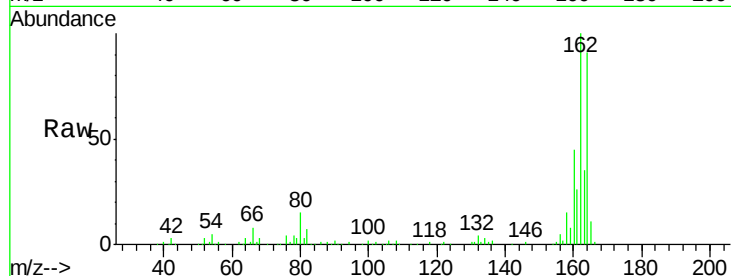




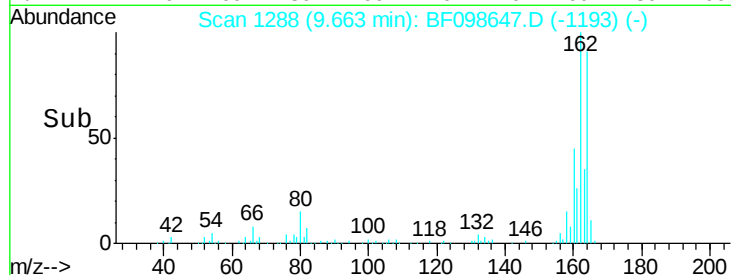
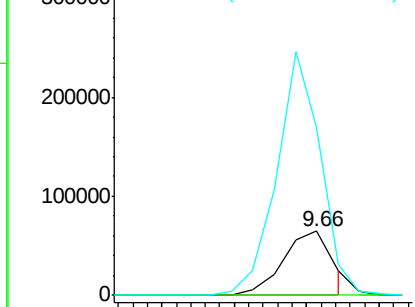
#49
Dimethylphthalate
Concen: 3.76 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.26 min
Lab File: BF098647.D
Acq: 19 Sep 2017 18:00

Instrument :
BNA_F
ClientSampleId :
PB102449BL

Tot Ion:163 Resp: 60742
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 262.3 8.4 12.6#

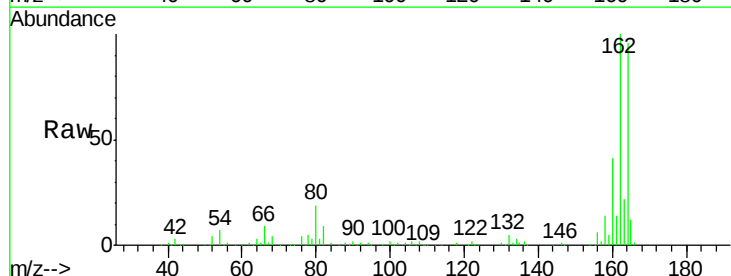
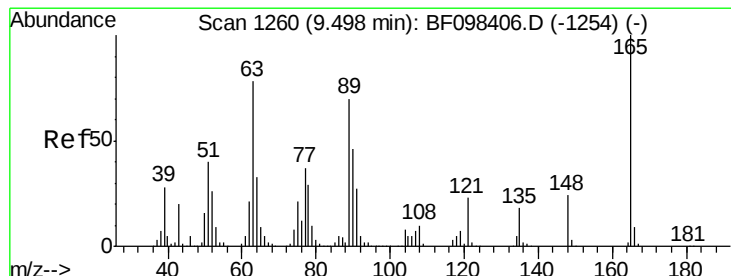


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

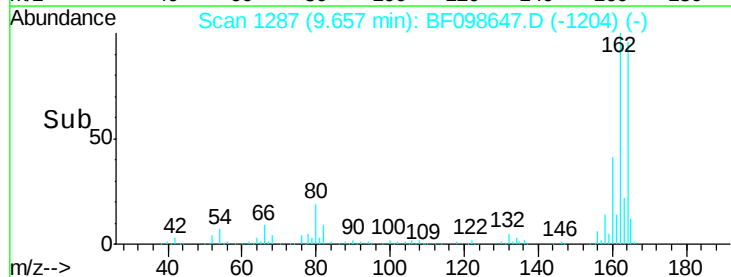
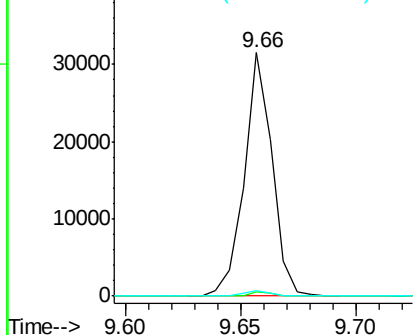


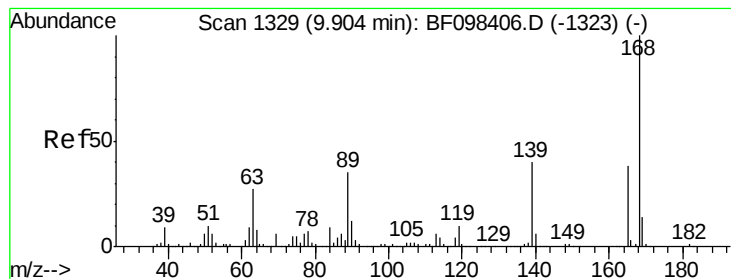
#50
2,6-Dinitrotoluene
Concen: 8.00 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.19 min
Lab File: BF098647.D
Acq: 19 Sep 2017 18:00

Tgt Ion:165 Resp: 26580
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 2.2 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

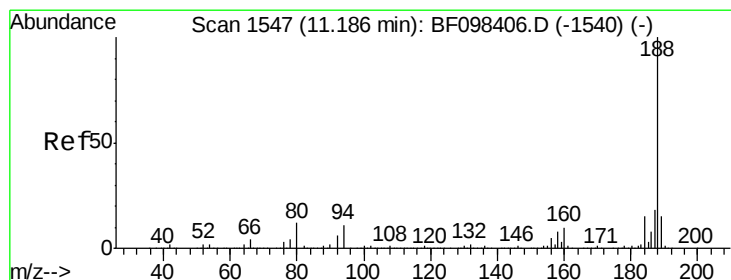
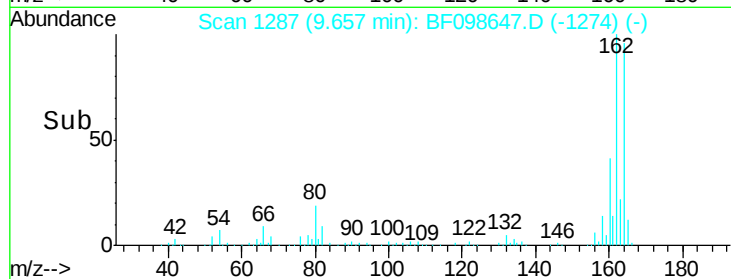
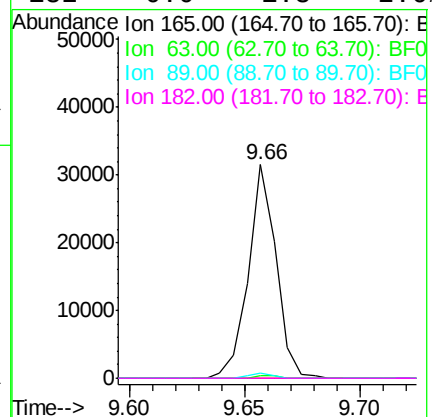
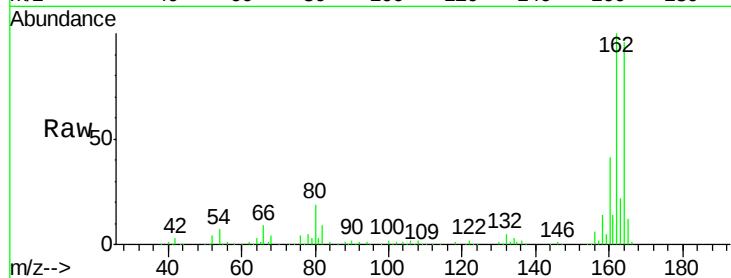




#56
 2,4-Dinitrotoluene
 Concen: 6.58 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.22 min
 Lab File: BF098647.D
 Acq: 19 Sep 2017 18:00

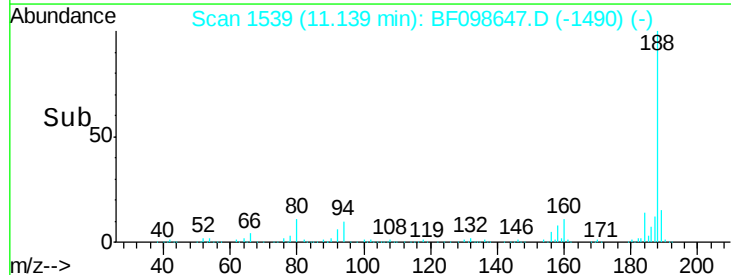
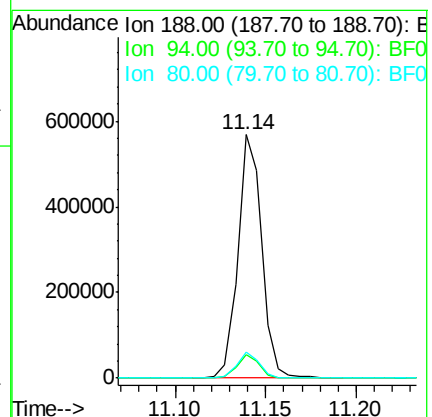
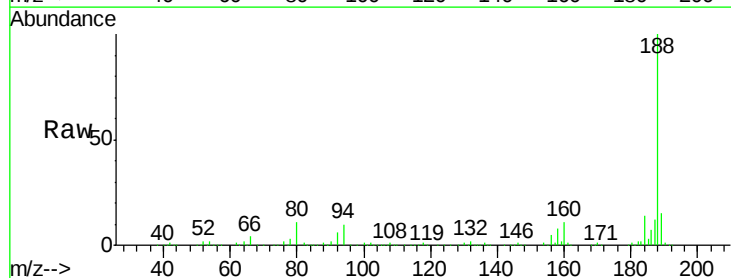
Instrument :
 BNA_F
 ClientSampleId :
 PB102449BL

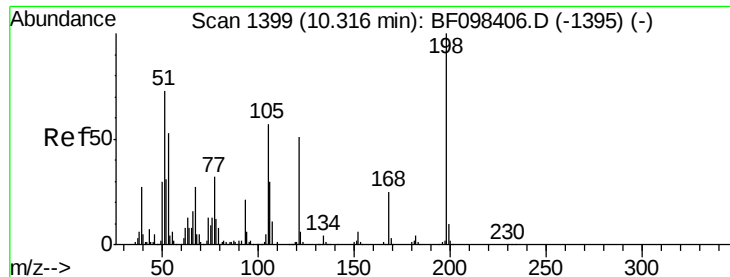
Tot Ion:	165	Resp:	26580
Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF098647.D
 Acq: 19 Sep 2017 18:00

Tgt Ion:	188	Resp:	519133
Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.9	10.2	15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 5.12 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.16 min

Lab File: BF098647.D

Acq: 19 Sep 2017 18:00

Instrument :

BNA_F

ClientSampleId :

PB102449BL

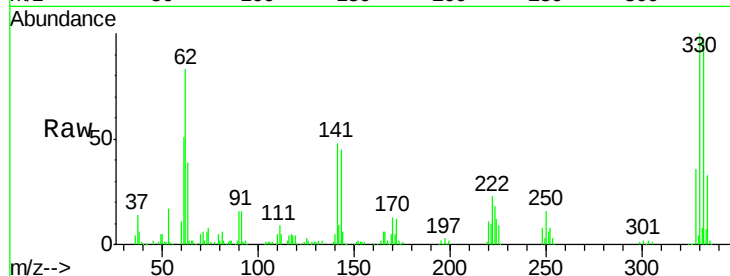
Tot Ion:198 Resp: 570

Ion Ratio Lower Upper

198 100

51 196.5 53.2 93.2#

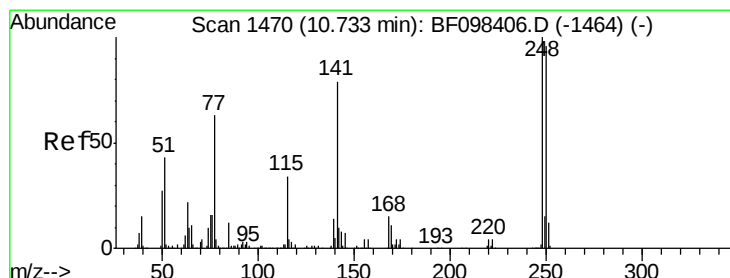
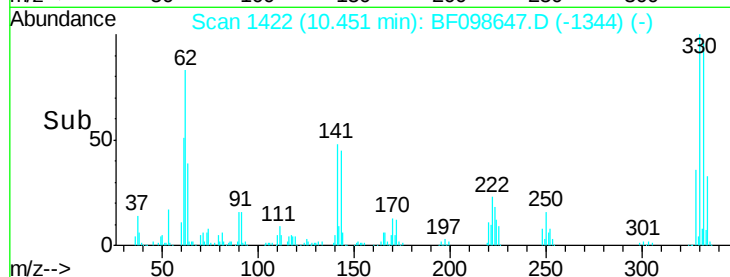
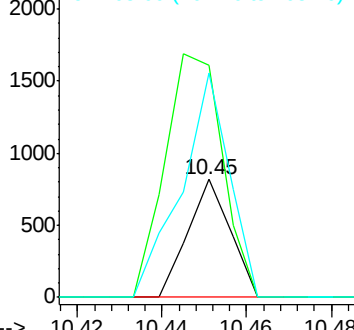
105 190.7 45.8 85.8#



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: 3.83 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.25 min

Lab File: BF098647.D

Acq: 19 Sep 2017 18:00

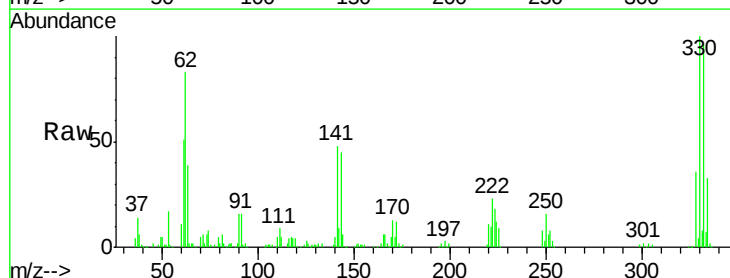
Tgt Ion:248 Resp: 18855

Ion Ratio Lower Upper

248 100

250 189.3 76.8 115.2#

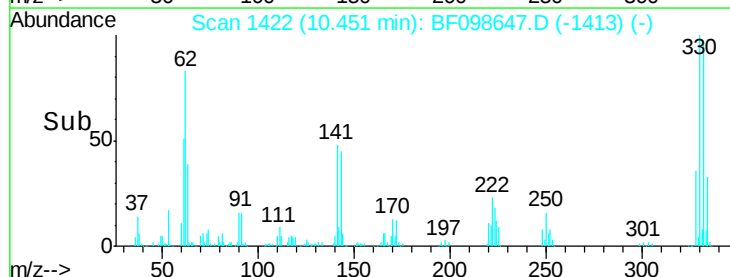
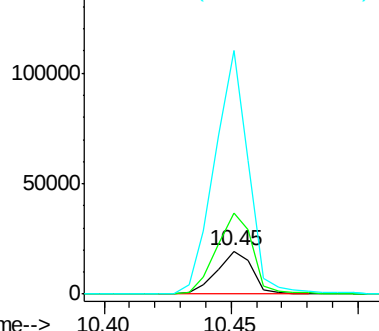
141 568.8 68.6 103.0#

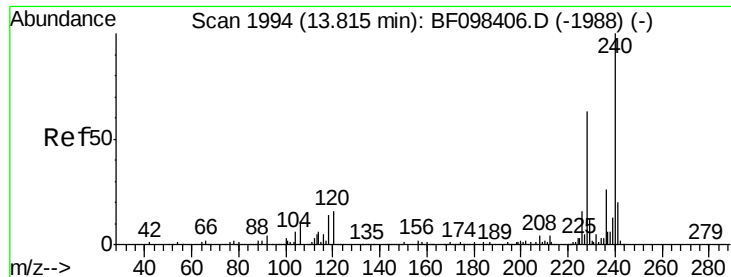


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF098647.D

Acq: 19 Sep 2017 18:00

Instrument :

BNA_F

ClientSampleId :

PB102449BL

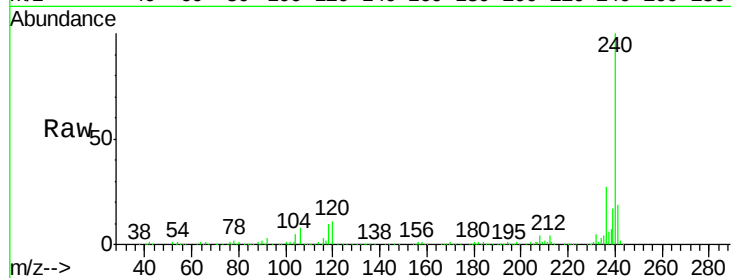
Tot Ion:240 Resp: 444438

Ion Ratio Lower Upper

240 100

120 11.3 5.8 8.8#

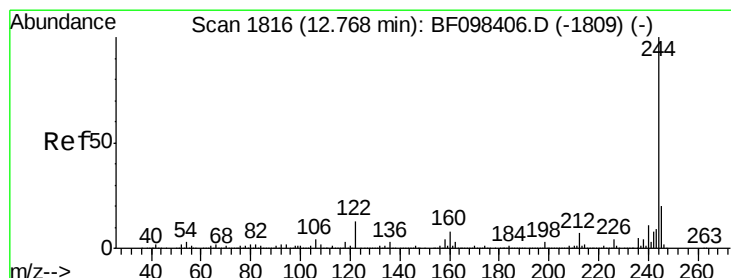
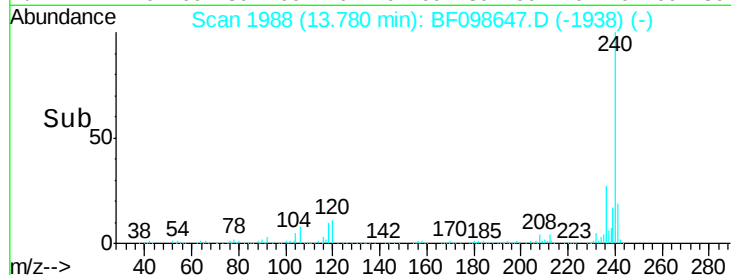
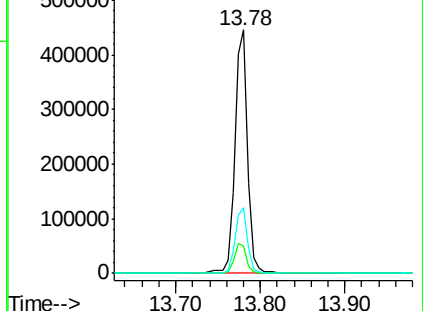
236 27.1 20.5 30.7



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: 75.82 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF098647.D

Acq: 19 Sep 2017 18:00

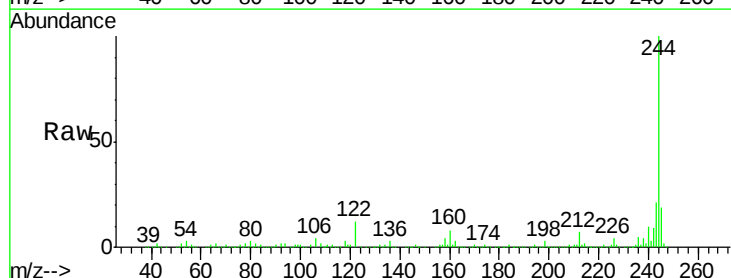
Tgt Ion:244 Resp: 1561200

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

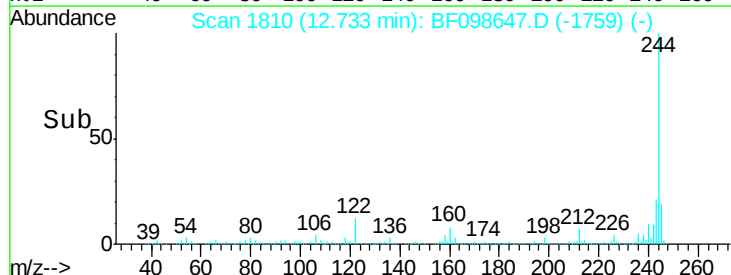
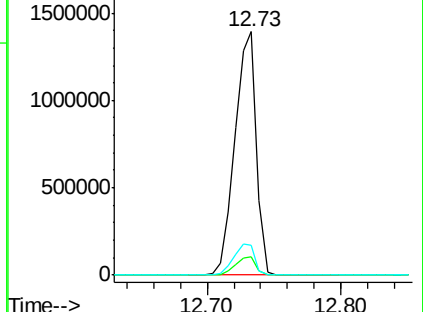
122 12.2 10.3 15.5

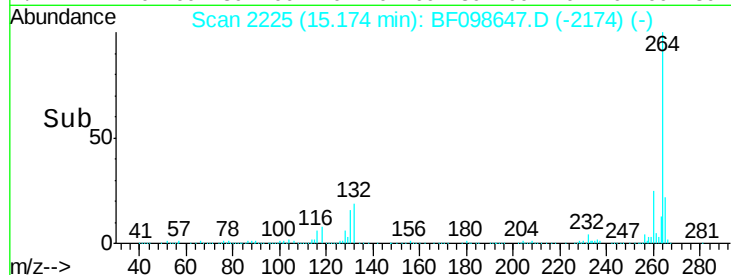
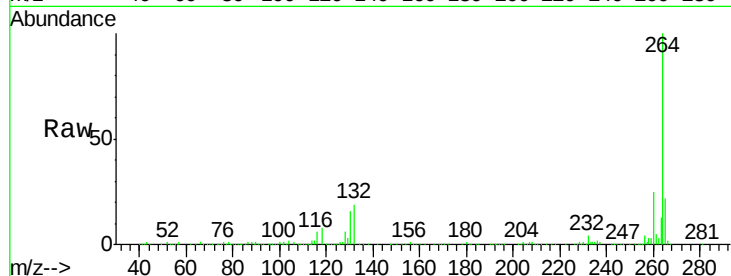
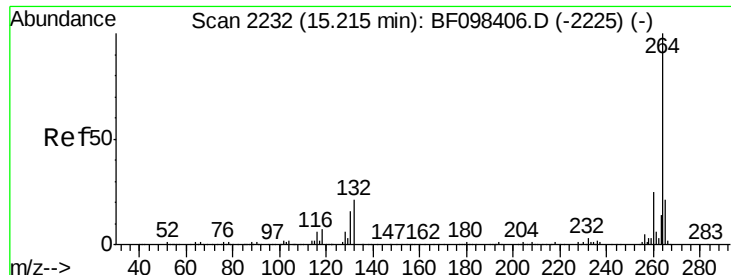


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.17 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF098647.D
 Acq: 19 Sep 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB102449BL

Tot Ion:	264	Resp:	506228
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	22.2	17.2	25.8

