

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091917\
 Data File : BF098641.D
 Acq On : 19 Sep 2017 15:06
 Operator : SJ/JU
 Sample : PB102430BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BL

Quant Time: Sep 20 01:18:29 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

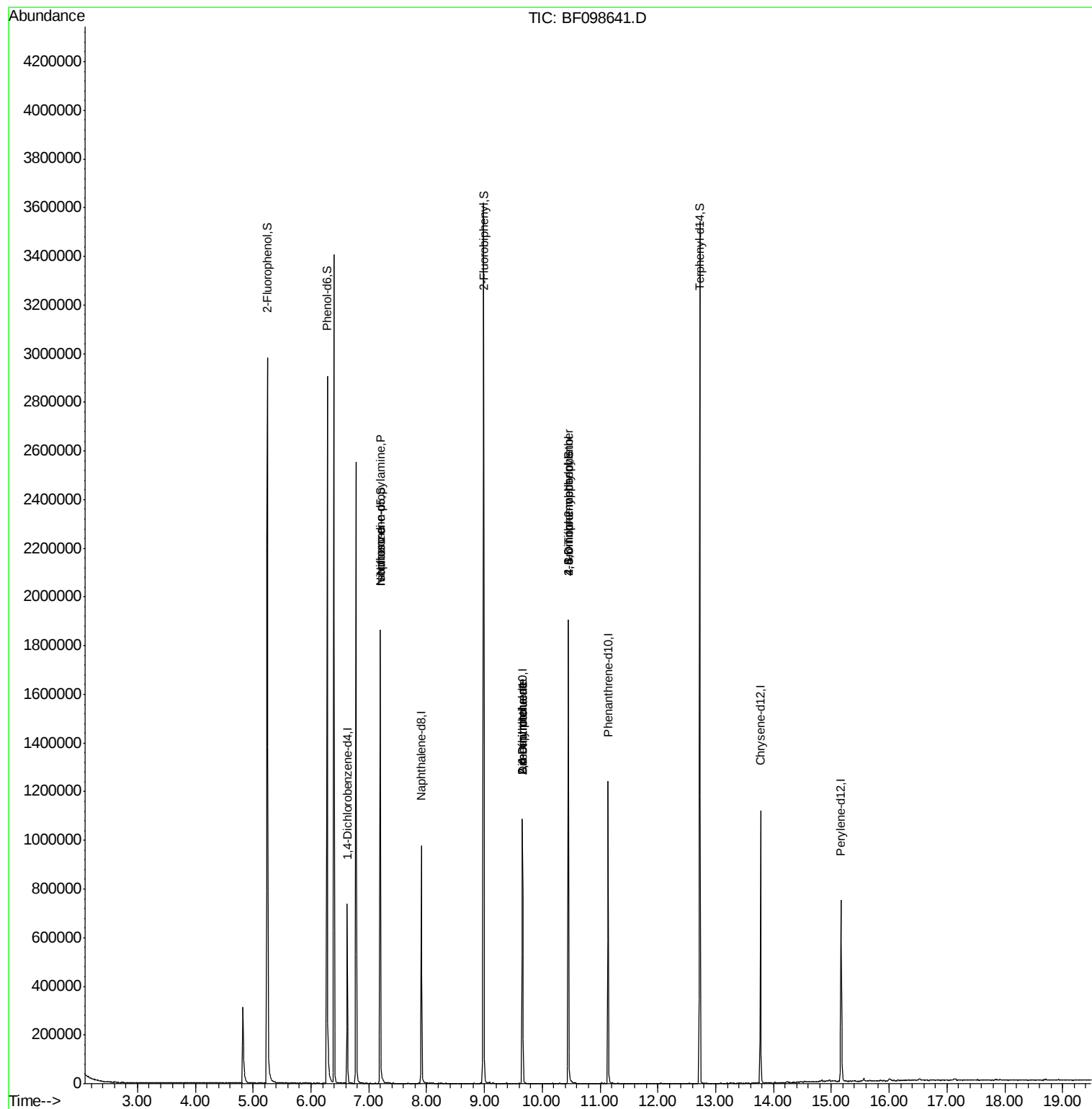
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	112061	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	461446	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	211417	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	428107	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	356894	20.00	ng	-0.01
86) Perylene-d12	15.17	264	303709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	819751	108.16	ng	0.00
7) Phenol-d6	6.28	99	1025143	106.53	ng	-0.01
23) Nitrobenzene-d5	7.20	82	621585	75.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	198068	140.37	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1128236	90.45	ng	-0.01
78) Terphenyl-d14	12.73	244	1101350	66.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	81341	13.44	ng	# 79
25) Isophorone	7.20	82	621581	37.12	ng	# 67
49) Dimethylphthalate	9.66	163	61228	3.74	ng	# 1
50) 2,6-Dinitrotoluene	9.66	165	26794	7.97	ng	# 34
56) 2,4-Dinitrotoluene	9.66	165	26794	6.56	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.45	198	402	5.10	ng	# 1
66) 4-Bromophenyl-phenylether	10.45	248	14365	3.54	ng	# 1

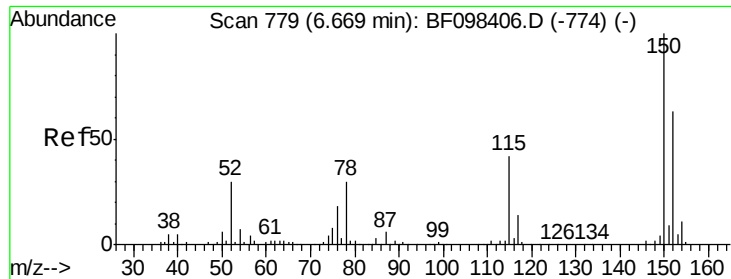
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091917\
Data File : BF098641.D
Acq On : 19 Sep 2017 15:06
Operator : SJ/JU
Sample : PB102430BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102381BL

Quant Time: Sep 20 01:18:29 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



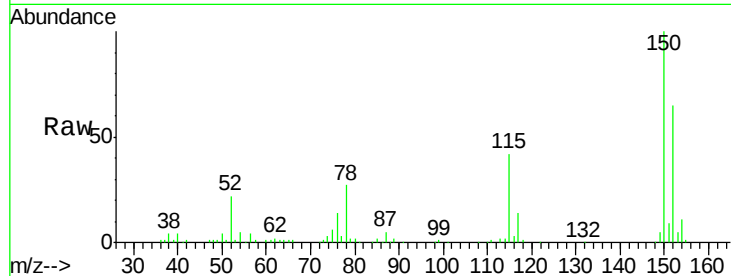


#1

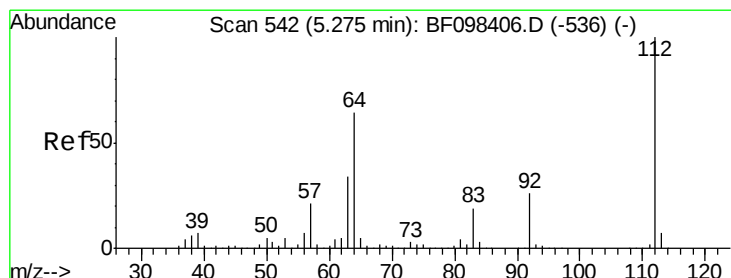
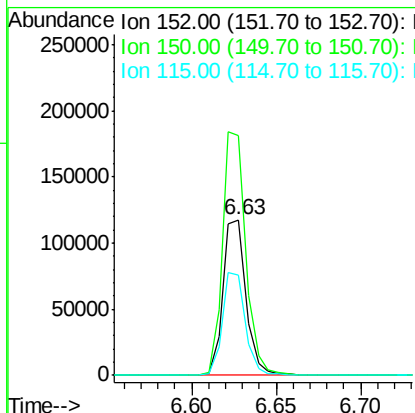
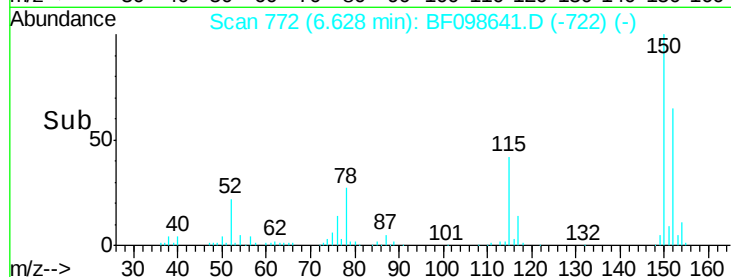
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF098641.D
 Acq: 19 Sep 2017 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BL

Tot Ion:152 Resp: 112061
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.2 189.2
 115 64.2 52.2 78.2



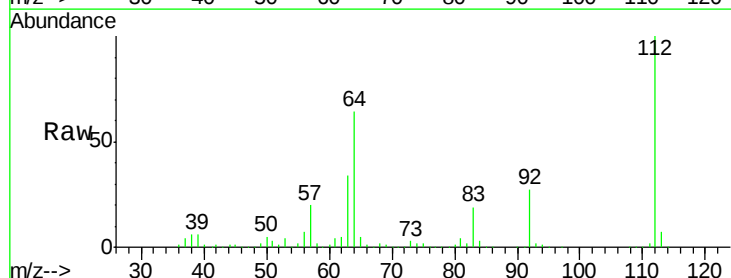
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



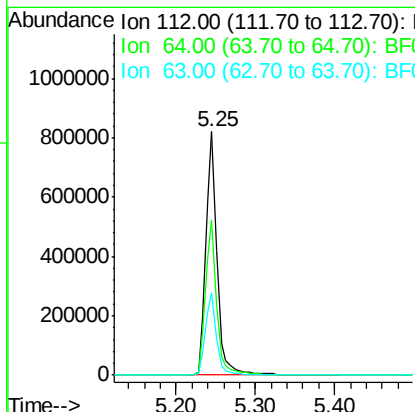
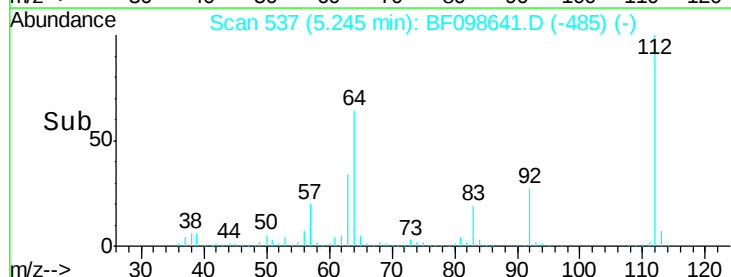
#5

2-Fluorophenol
 Concen: 108.16 ng
 RT: 5.25 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: BF098641.D
 Acq: 19 Sep 2017 15:06

Tgt Ion:112 Resp: 819751
 Ion Ratio Lower Upper
 112 100
 64 63.7 46.0 69.0
 63 33.8 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: 106.53 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF098641.D

Acq: 19 Sep 2017 15:06

Instrument :

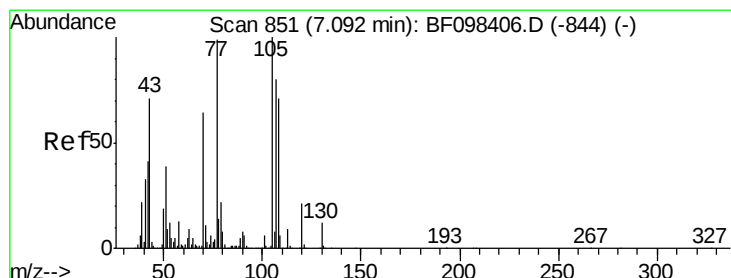
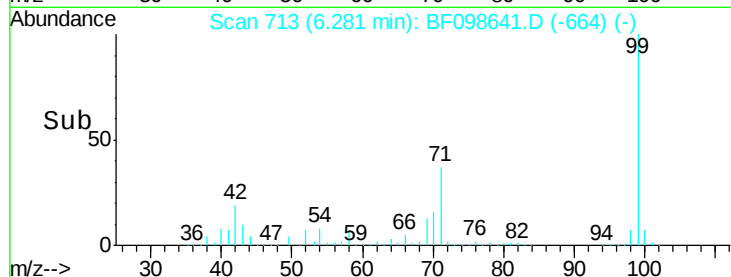
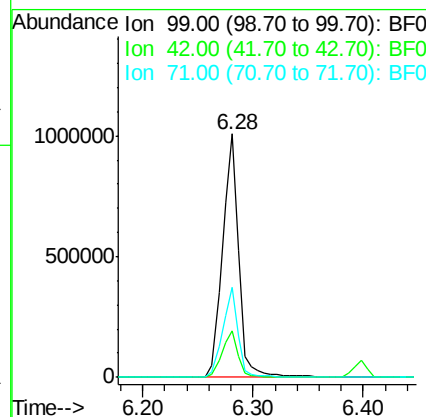
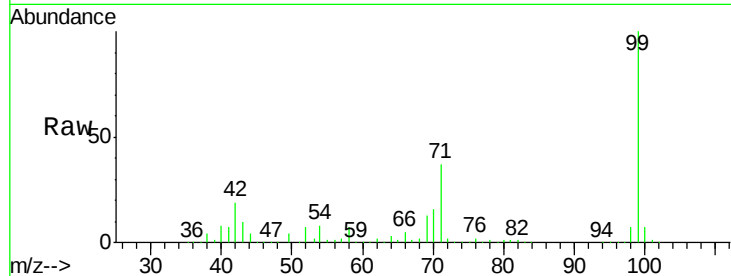
BNA_F

ClientSampleId :

PB102381BL

Tot Ion: 99 Resp: 1025143

Ion	Ratio	Lower	Upper
99	100		
42	19.1	13.5	20.3
71	36.7	24.5	36.7#



#19

n-Nitroso-di-n-propylamine

Concen: 13.44 ng

RT: 7.20 min Scan# 869

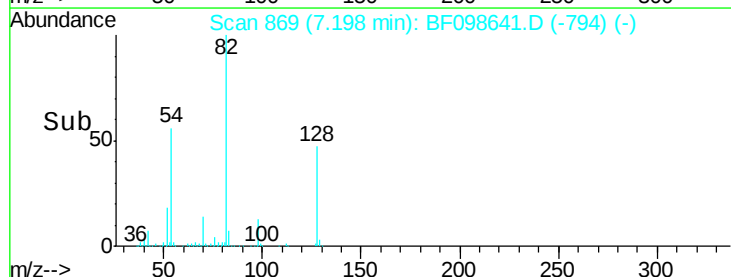
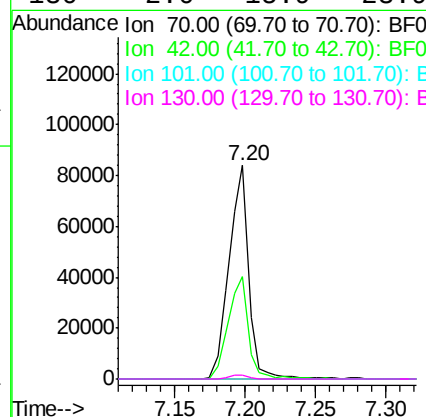
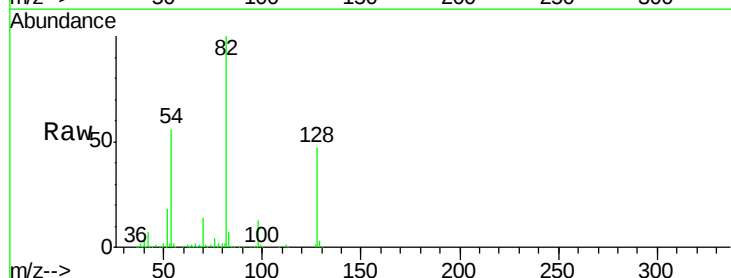
Delta R.T. 0.14 min

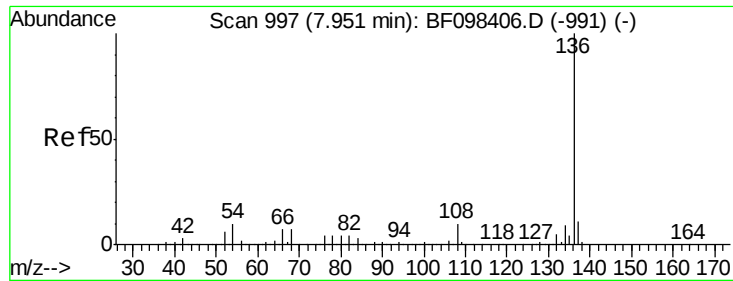
Lab File: BF098641.D

Acq: 19 Sep 2017 15:06

Tgt Ion: 70 Resp: 81341

Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF098641.D

Acq: 19 Sep 2017 15:06

Instrument :

BNA_F

ClientSampleId :

PB102381BL

Tot Ion:136 Resp: 461446

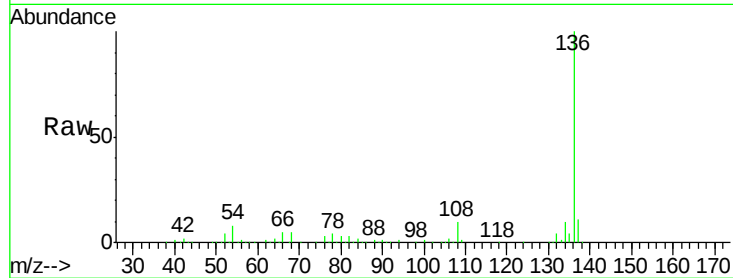
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 8.3 4.9 7.3#

68 5.1 4.1 6.1

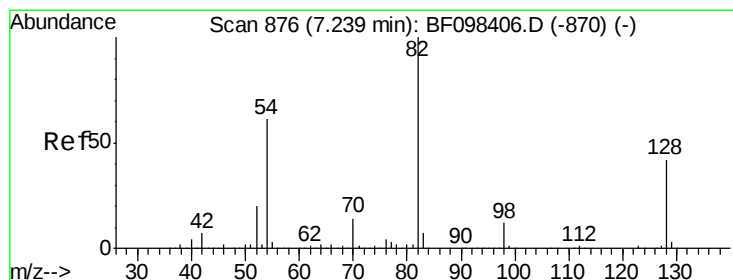
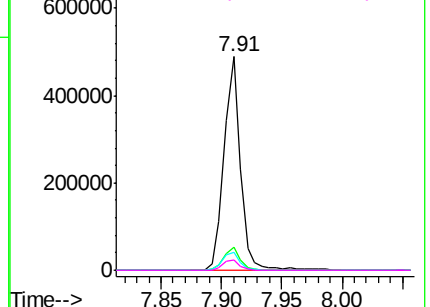
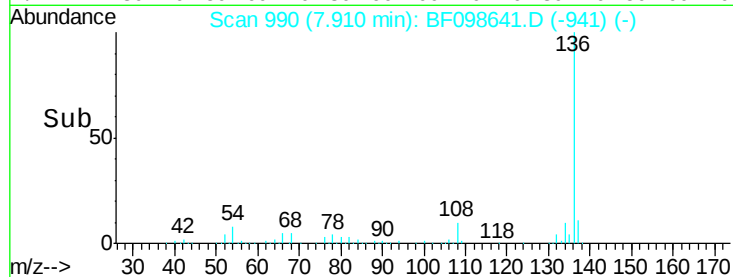


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.10 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF098641.D

Acq: 19 Sep 2017 15:06

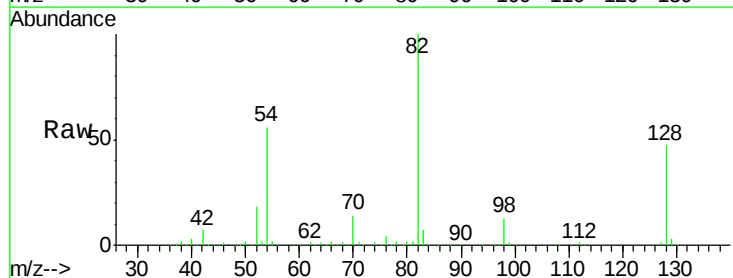
Tgt Ion: 82 Resp: 621585

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

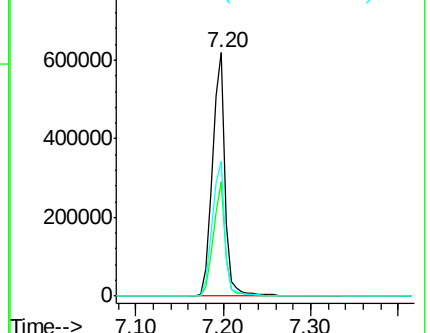
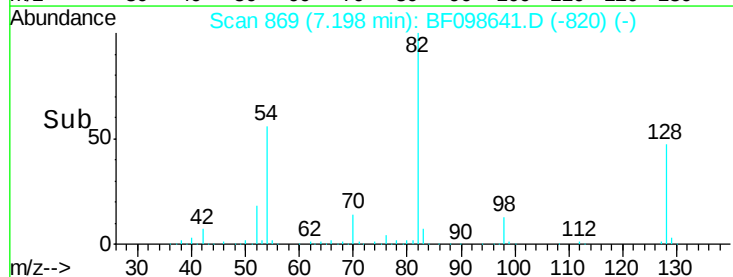
54 55.5 42.2 63.2

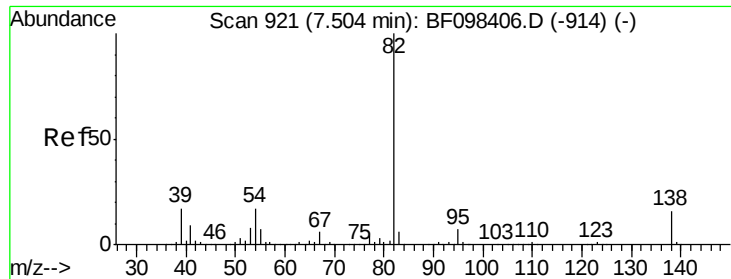


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.12 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.27 min

Lab File: BF098641.D

Acq: 19 Sep 2017 15:06

Instrument :

BNA_F

ClientSampleId :

PB102381BL

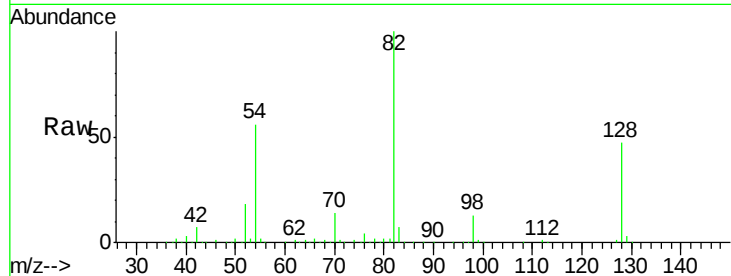
Tot Ion: 82 Resp: 621581

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

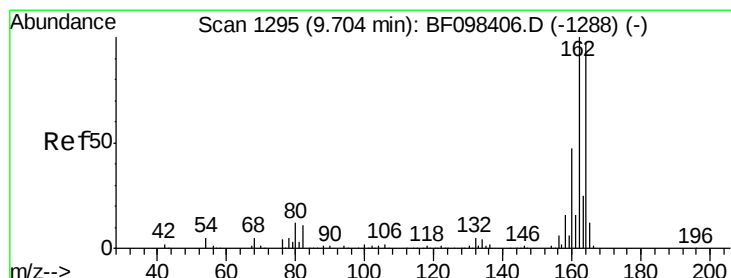
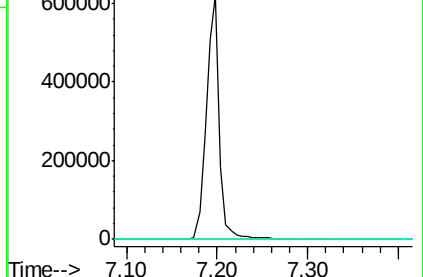
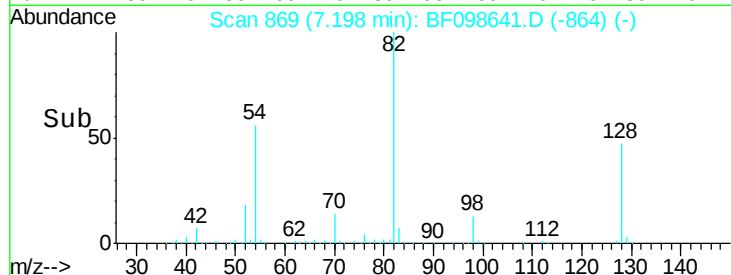
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF098641.D (-864) (-)

Ion 95.00 (94.70 to 95.70): BF098641.D (-864) (-)

Ion 138.00 (137.70 to 138.70): BF098641.D (-864) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF098641.D

Acq: 19 Sep 2017 15:06

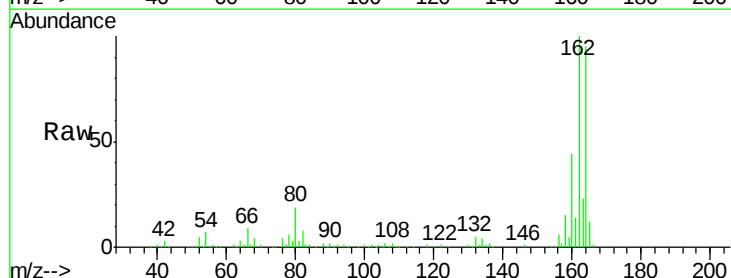
Tgt Ion: 164 Resp: 211417

Ion Ratio Lower Upper

164 100

162 105.0 82.6 123.8

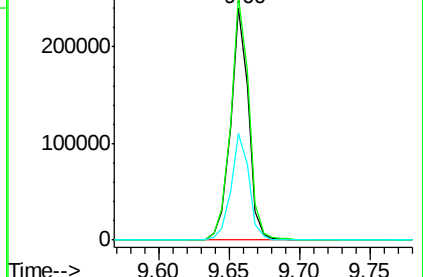
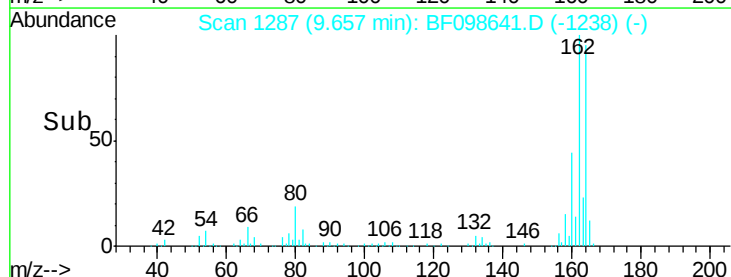
160 45.9 36.2 54.2

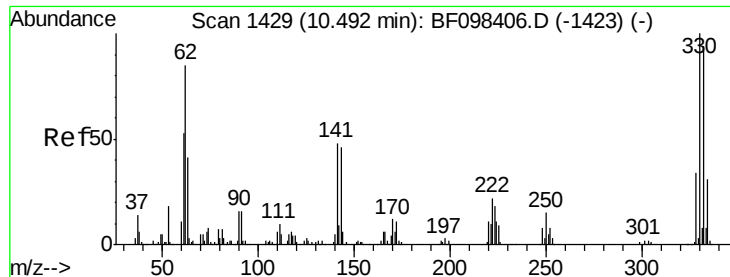


Abundance Ion 164.00 (163.70 to 164.70): BF098641.D (-1238) (-)

Ion 162.00 (161.70 to 162.70): BF098641.D (-1238) (-)

Ion 160.00 (159.70 to 160.70): BF098641.D (-1238) (-)

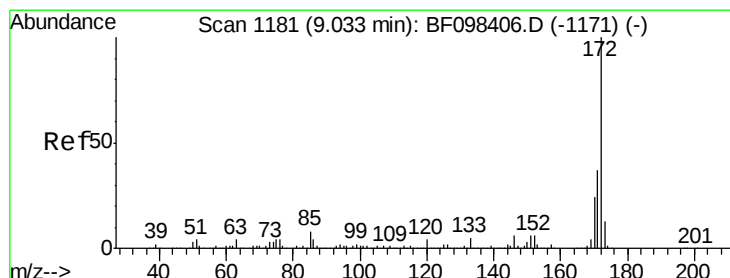
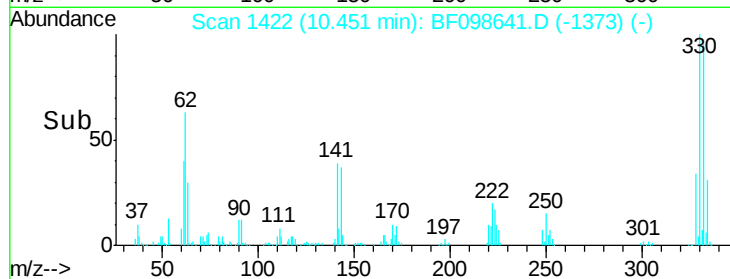
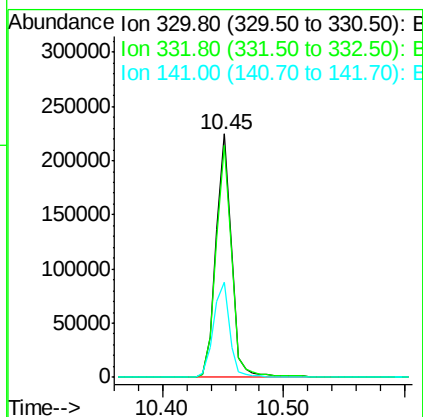
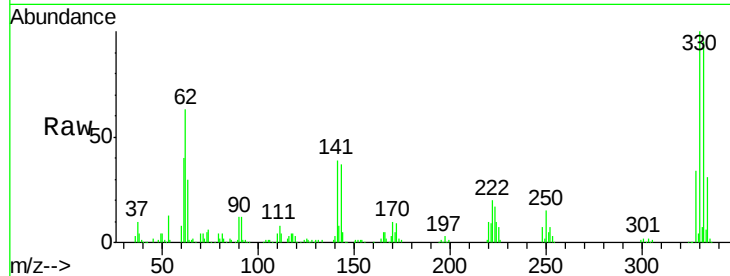




#41
 2,4,6-Tribromophenol
 Concen: 140.37 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF098641.D
 Acq: 19 Sep 2017 15:06

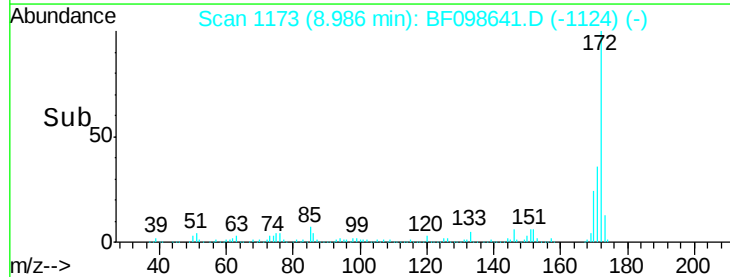
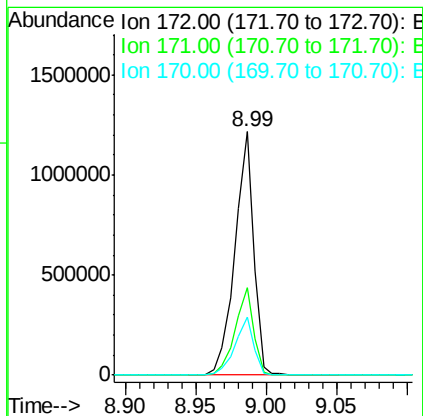
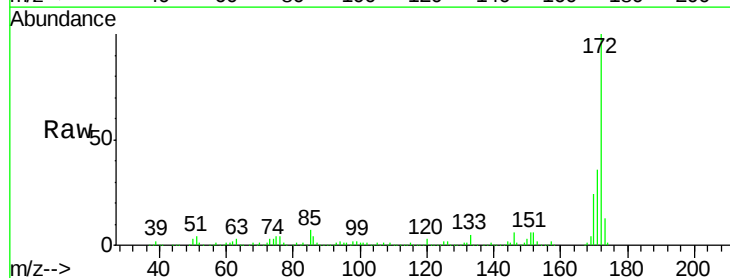
Instrument :
 BNA_F
 ClientSampleId :
 PB102381BL

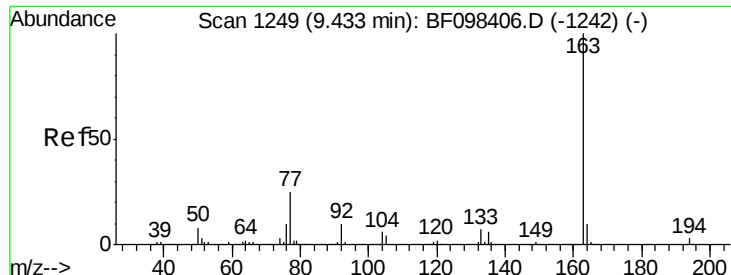
Tot Ion:330 Resp: 198068
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 41.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 90.45 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF098641.D
 Acq: 19 Sep 2017 15:06

Tgt Ion:172 Resp: 1128236
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.8 19.8 29.8

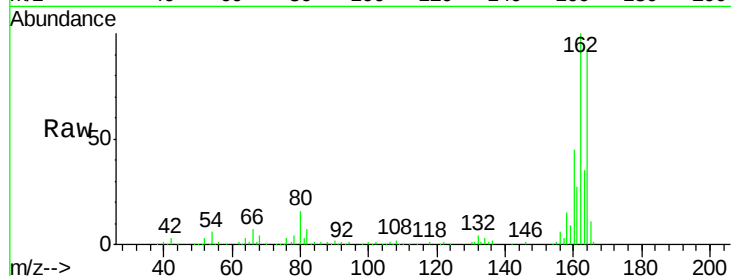




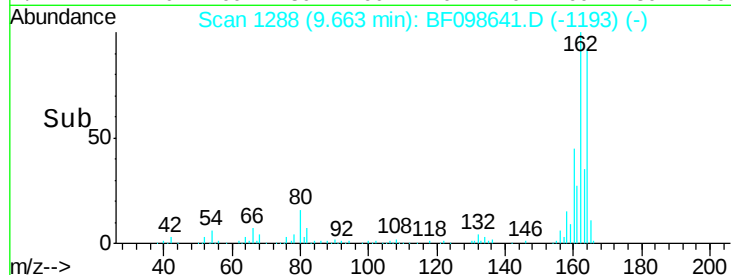
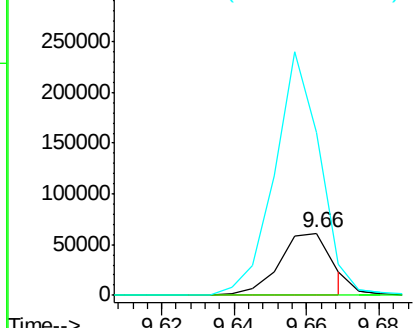
#49
Dimethylphthalate
Concen: 3.74 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.26 min
Lab File: BF098641.D
Acq: 19 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
PB102381BL

Tot Ion:163 Resp: 61228
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 263.6 8.4 12.6#

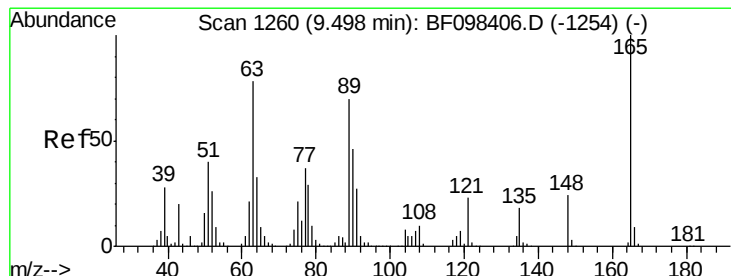


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

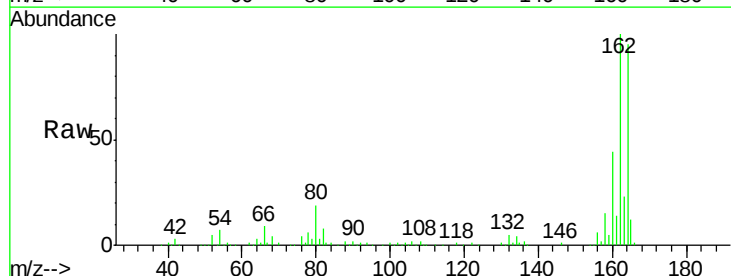
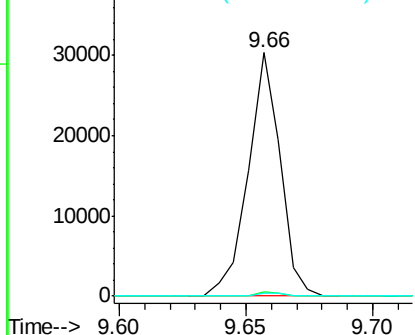


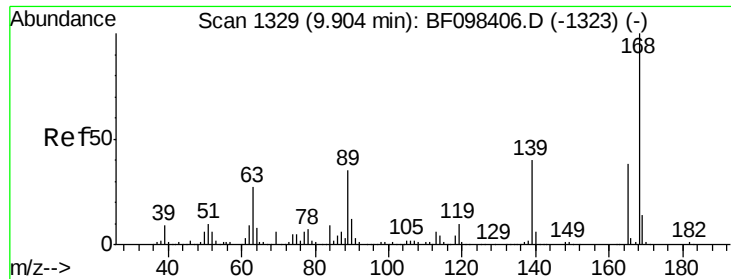
#50
2,6-Dinitrotoluene
Concen: 7.97 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.19 min
Lab File: BF098641.D
Acq: 19 Sep 2017 15:06

Tgt Ion:165 Resp: 26794
Ion Ratio Lower Upper
165 100
63 1.9 34.3 51.5#
89 1.2 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

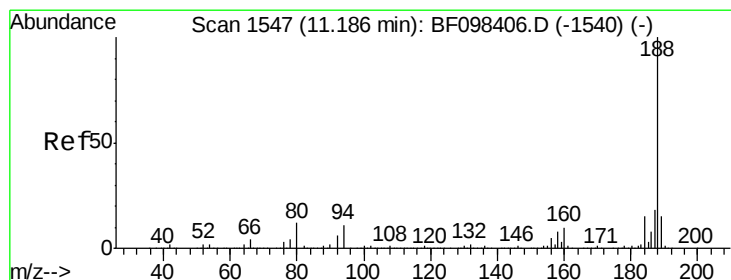
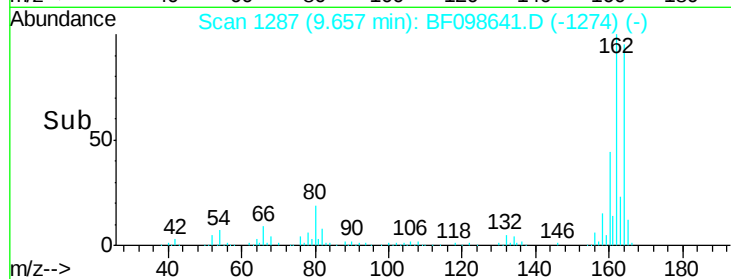
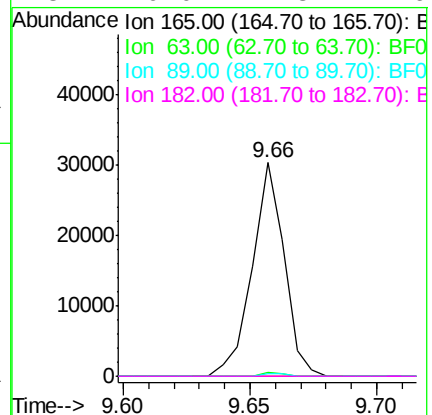
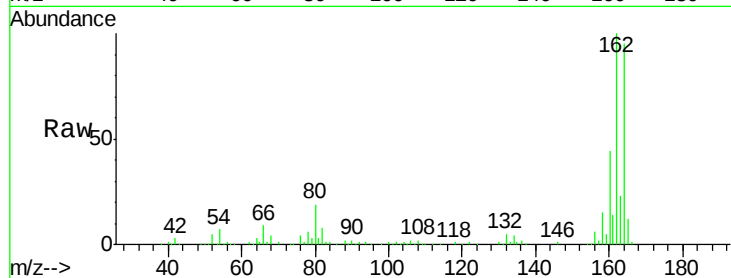




#56
 2,4-Dinitrotoluene
 Concen: 6.56 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.22 min
 Lab File: BF098641.D
 Acq: 19 Sep 2017 15:06

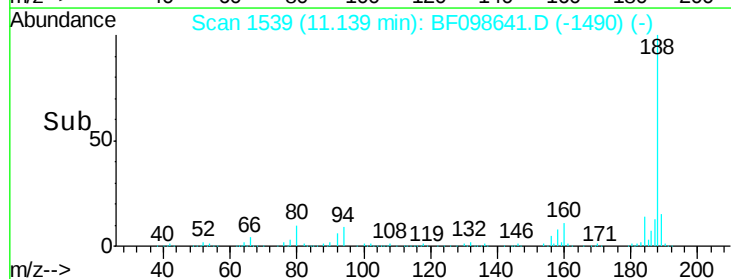
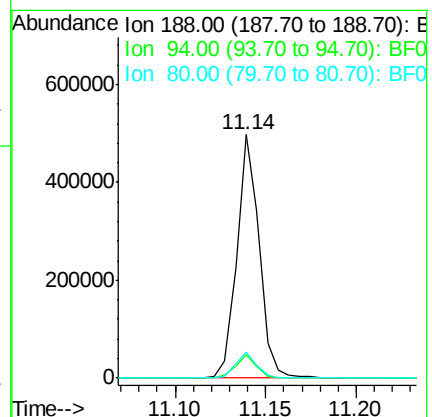
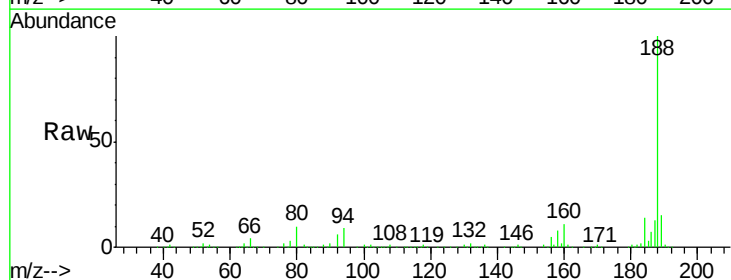
Instrument :
 BNA_F
 ClientSampleId :
 PB102381BL

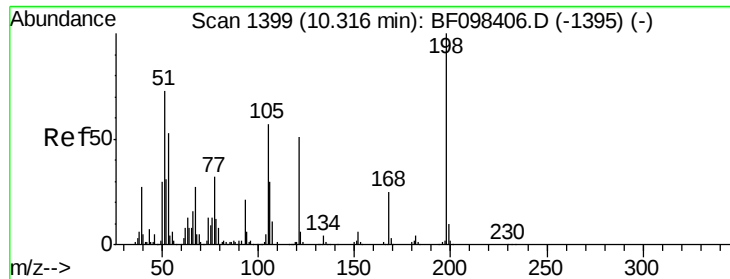
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF098641.D
 Acq: 19 Sep 2017 15:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.4	14.2
80	10.5	10.2	15.2

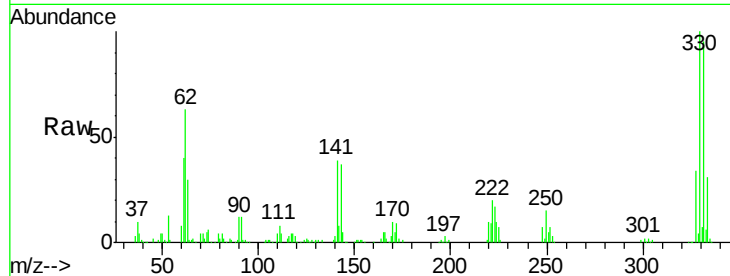




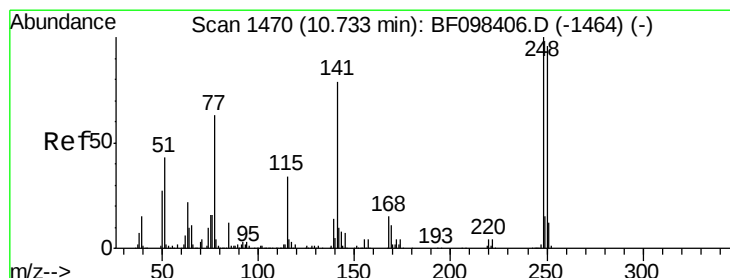
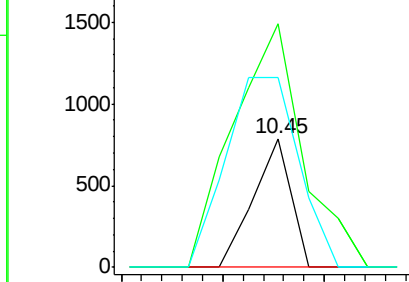
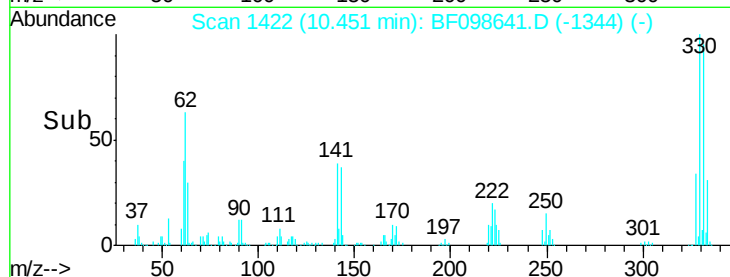
#64
4,6-Dinitro-2-methylphenol
Concen: 5.10 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.16 min
Lab File: BF098641.D
Acq: 19 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
PB102381BL

Tot Ion:198 Resp: 402
Ion Ratio Lower Upper
198 100
51 189.7 53.2 93.2#
105 147.5 45.8 85.8#

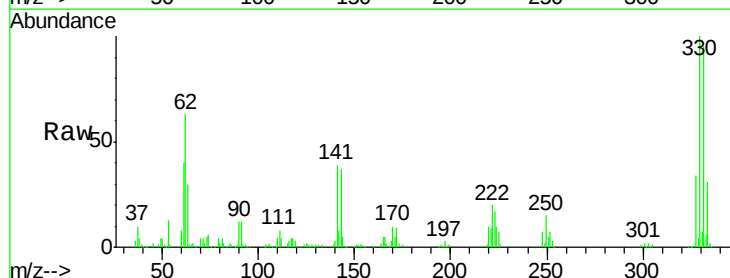


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

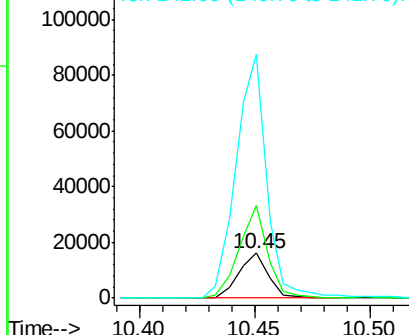
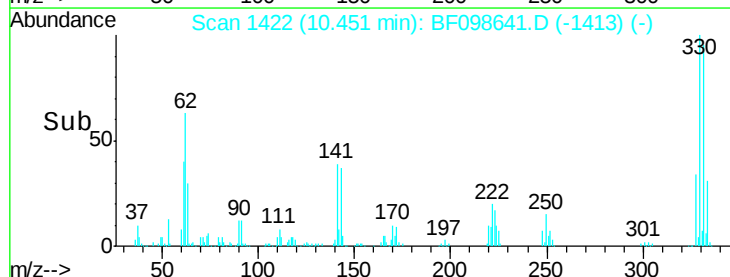


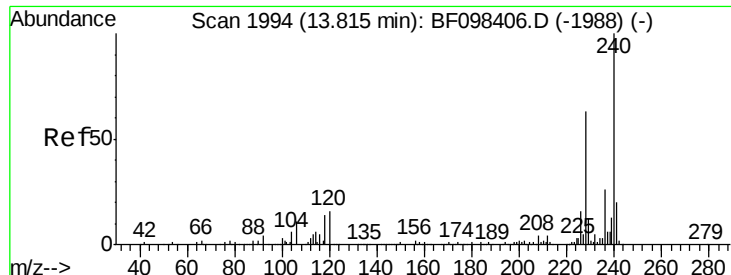
#66
4-Bromophenyl-phenylether
Concen: 3.54 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.25 min
Lab File: BF098641.D
Acq: 19 Sep 2017 15:06

Tgt Ion:248 Resp: 14365
Ion Ratio Lower Upper
248 100
250 206.1 76.8 115.2#
141 542.6 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: BF098641.D

Acq: 19 Sep 2017 15:06

Instrument :

BNA_F

ClientSampleId :

PB102381BL

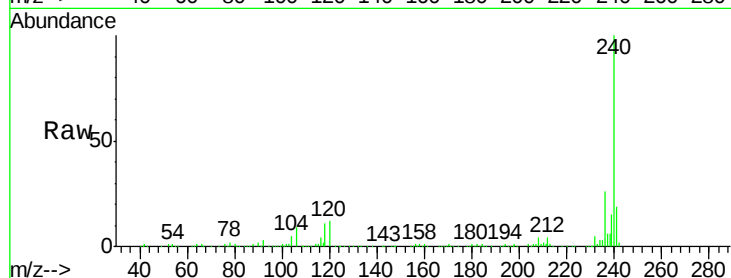
Tot Ion:240 Resp: 356894

Ion Ratio Lower Upper

240 100

120 11.9 5.8 8.8#

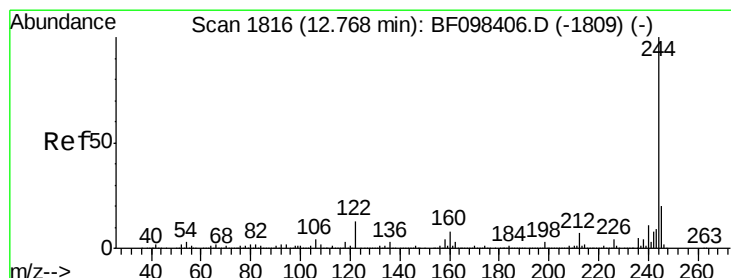
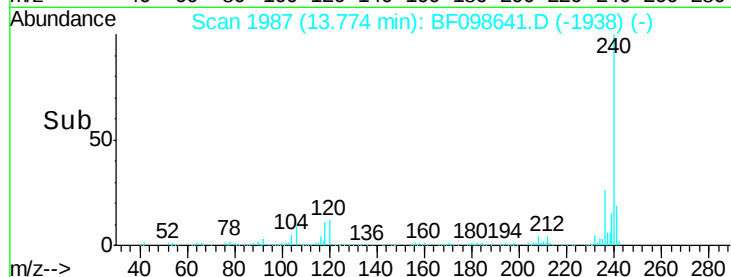
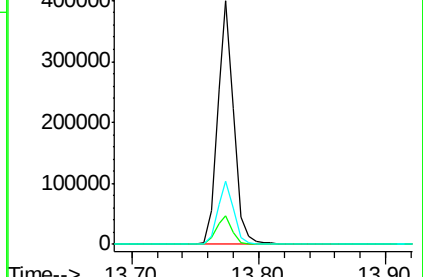
236 26.0 20.5 30.7



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: 66.61 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF098641.D

Acq: 19 Sep 2017 15:06

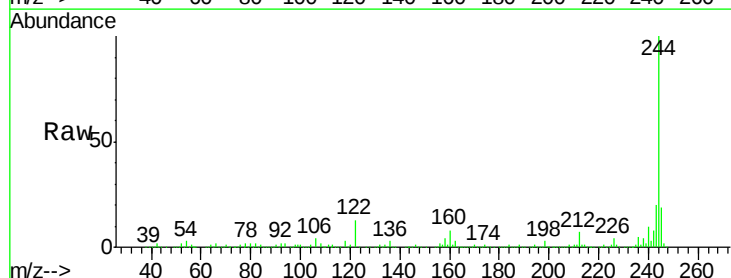
Tgt Ion:244 Resp: 1101350

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

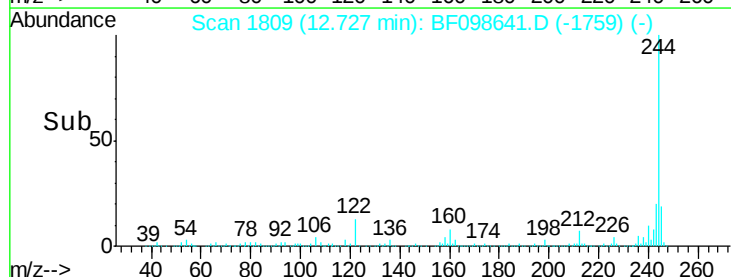
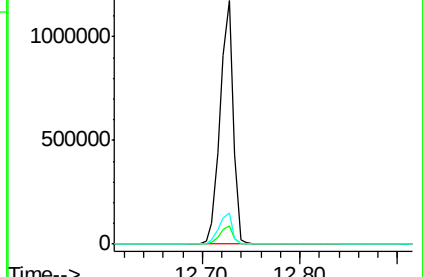
122 12.7 10.3 15.5

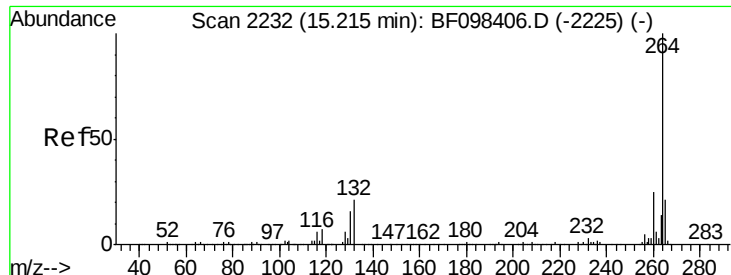


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

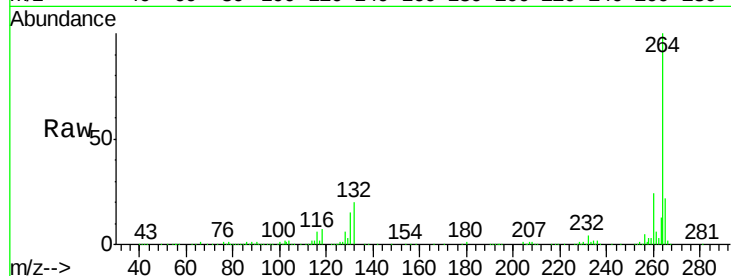




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF098641.D
Acq: 19 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
PB102381BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.6	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

