

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098907.D
 Acq On : 28 Sep 2017 14:36
 Operator : SJ/JU
 Sample : I5428-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 00:41:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

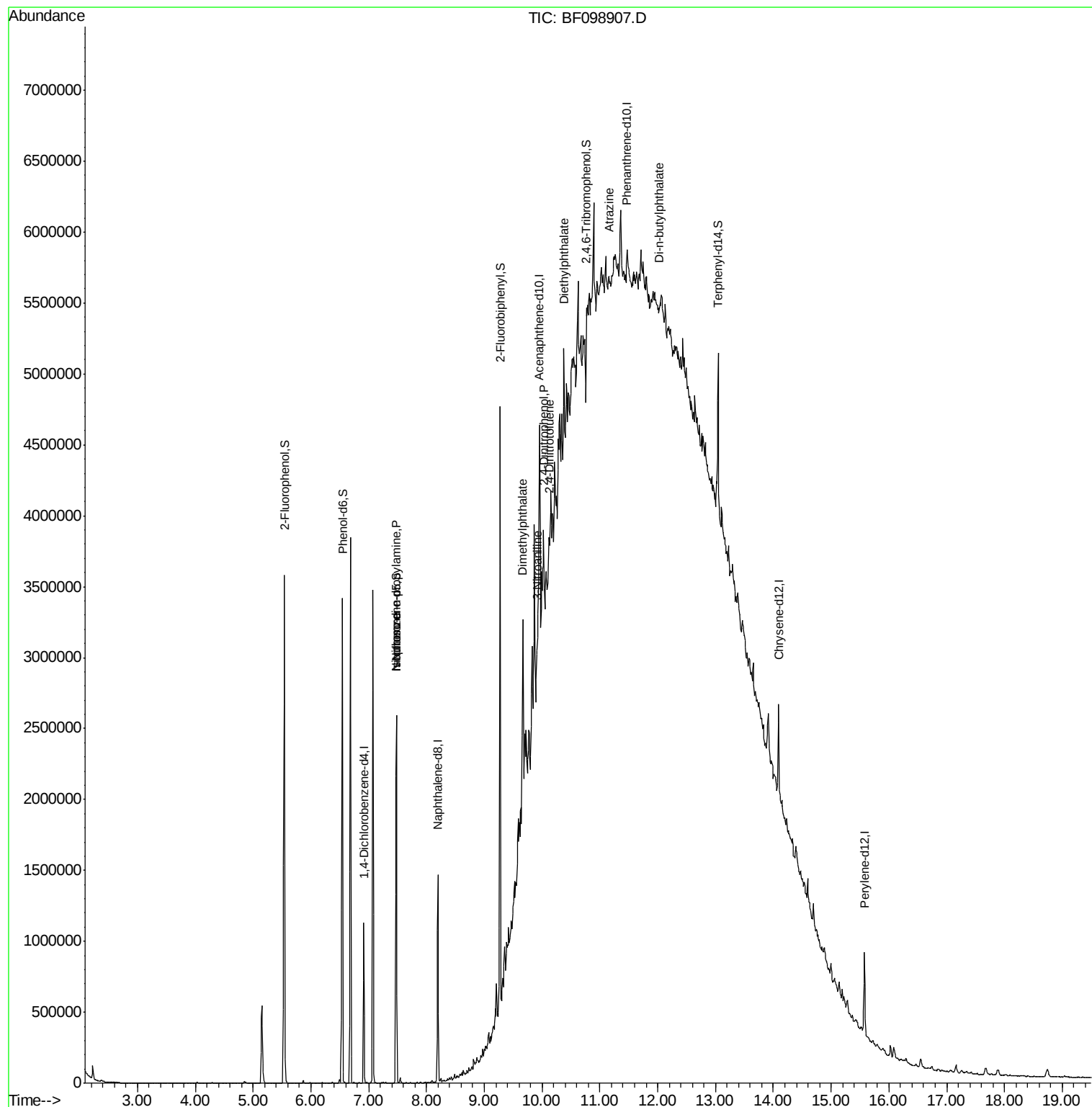
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	146652	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	605640	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	202129	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	228493	20.00	ng	0.02
75) Chrysene-d12	14.09	240	222882	20.00	ng	0.00
86) Perylene-d12	15.57	264	253965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1177020	127.76	ng	0.00
7) Phenol-d6	6.55	99	1436900	126.44	ng	0.00
23) Nitrobenzene-d5	7.48	82	910477	96.41	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	220924	133.57	ng	0.01
44) 2-Fluorobiphenyl	9.27	172	1500288	123.91	ng	0.00
78) Terphenyl-d14	13.04	244	836830	85.39	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.48	70	119893	16.52	ng	# 77
25) Isophorone	7.48	82	906120	46.41	ng	# 64
49) Dimethylphthalate	9.66	163	208836	13.69	ng	# 91
52) 3-Nitroaniline	9.91	138	10779	2.78	ng	# 20
53) 2,4-Dinitrophenol	10.03	184	108	5.89	ng	# 1
56) 2,4-Dinitrotoluene	10.12	165	10488	2.43	ng	# 36
59) Diethylphthalate	10.37	149	42459	2.85	ng	# 51
68) Atrazine	11.16	200	9755	4.10	ng	# 1
73) Di-n-butylphthalate	12.02	149	29828	2.02	ng	# 24

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098907.D
Acq On : 28 Sep 2017 14:36
Operator : SJ/JU
Sample : I5428-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Sep 29 00:41:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration



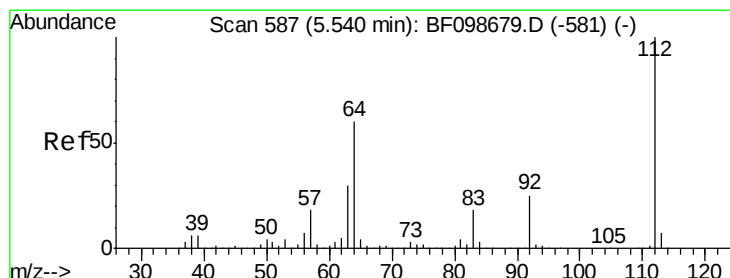
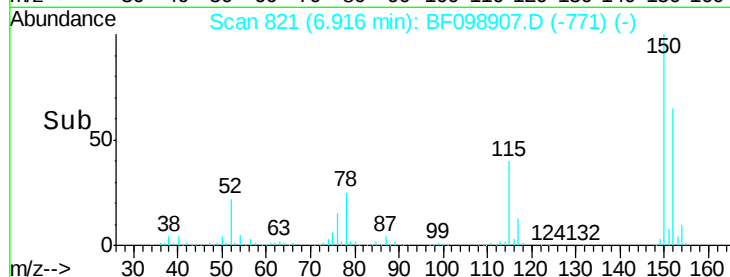
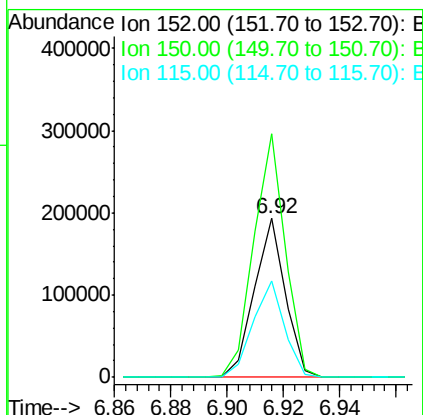
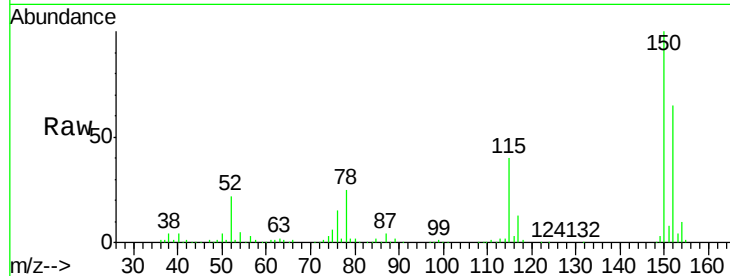


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098907.D
Acq: 28 Sep 2017 14:36

Instrument :
BNA_F
ClientSampleId :

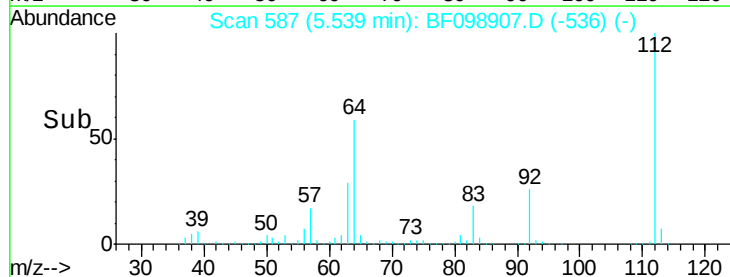
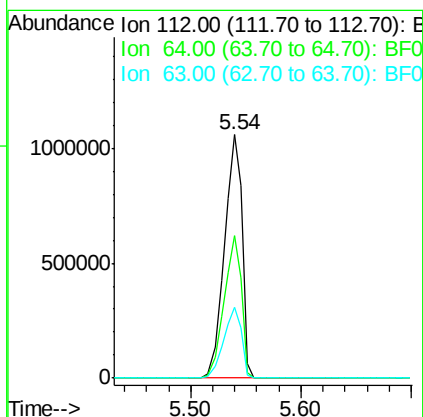
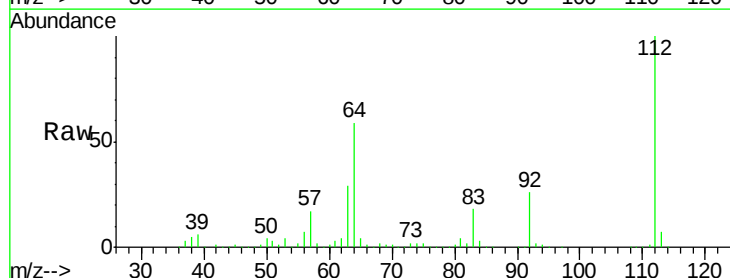
Tot Ion:152 Resp: 146652
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 60.7 50.1 75.1

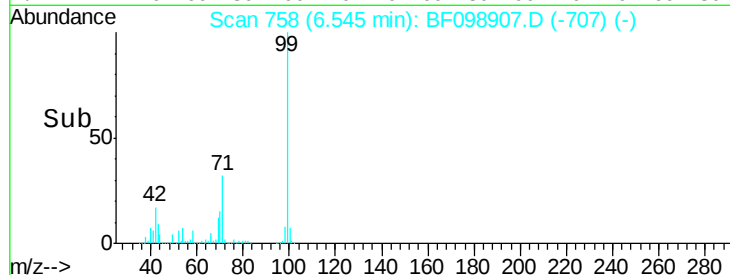
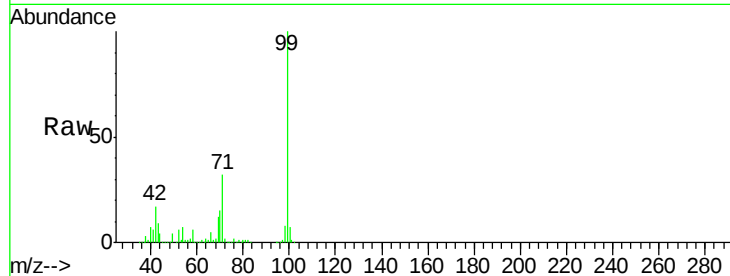
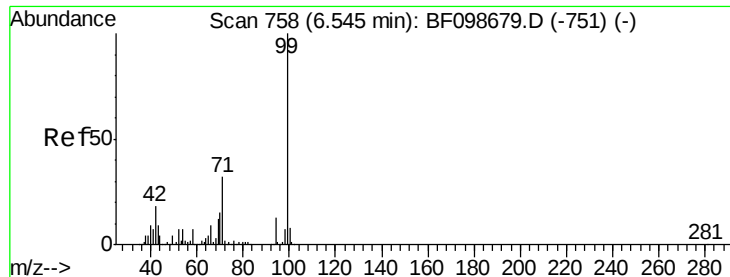


#5

2-Fluorophenol
Concen: 127.76 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098907.D
Acq: 28 Sep 2017 14:36

Tgt Ion:112 Resp: 1177020
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 29.1 23.7 35.5





#7

Phenol-d6

Concen: 126.44 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098907.D

Acq: 28 Sep 2017 14:36

Instrument :

BNA_F

ClientSampleId :

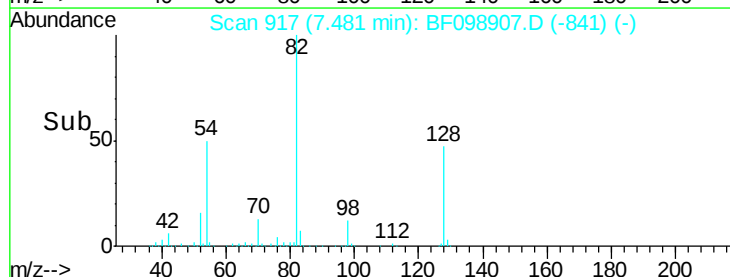
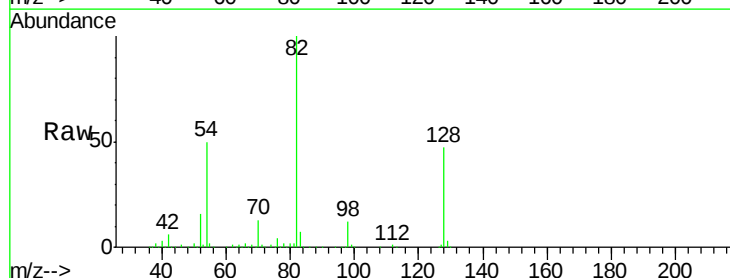
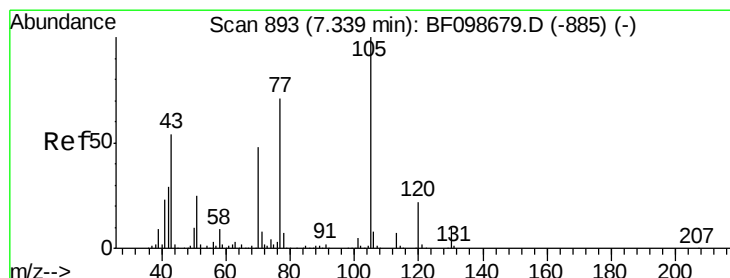
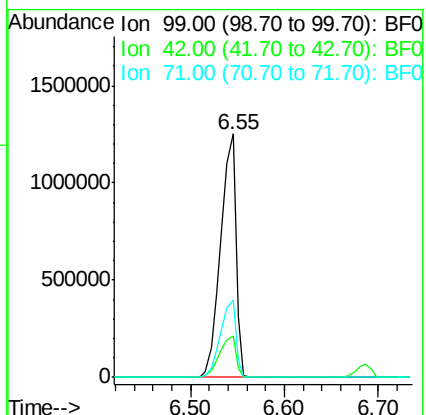
Tot Ion: 99 Resp: 1436900

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

71 31.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.52 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.15 min

Lab File: BF098907.D

Acq: 28 Sep 2017 14:36

Tgt Ion: 70 Resp: 119893

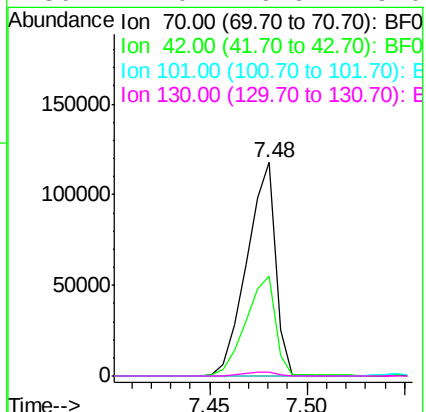
Ion Ratio Lower Upper

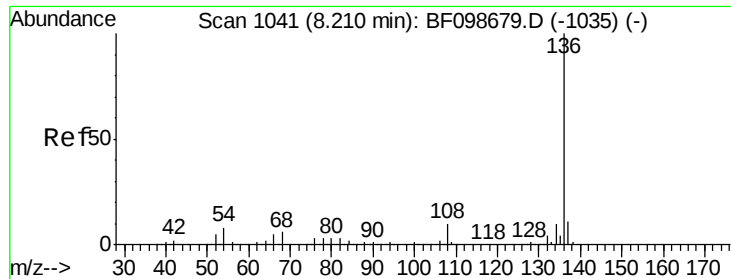
70 100

42 46.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

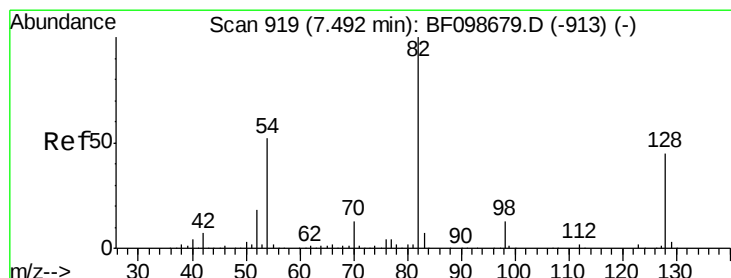
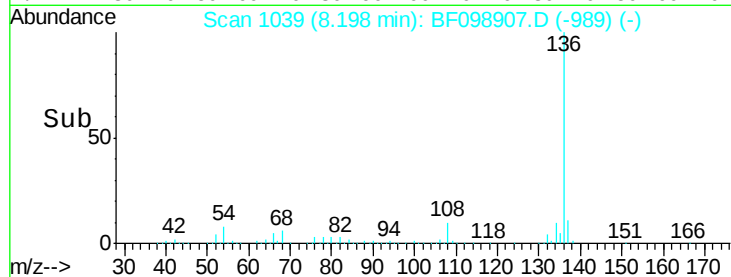
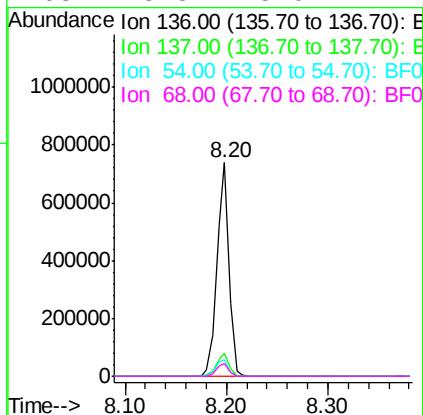
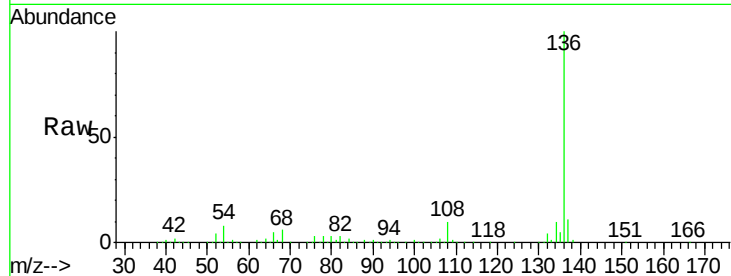




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098907.D
Acq: 28 Sep 2017 14:36

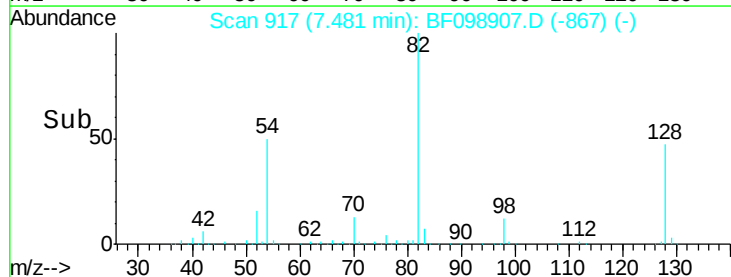
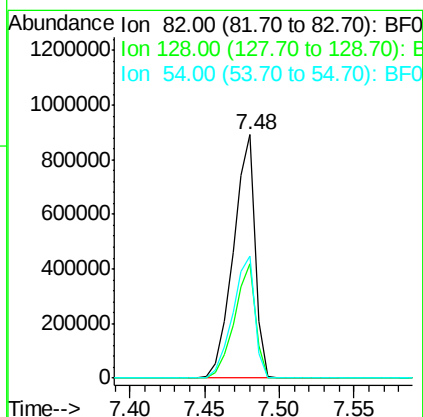
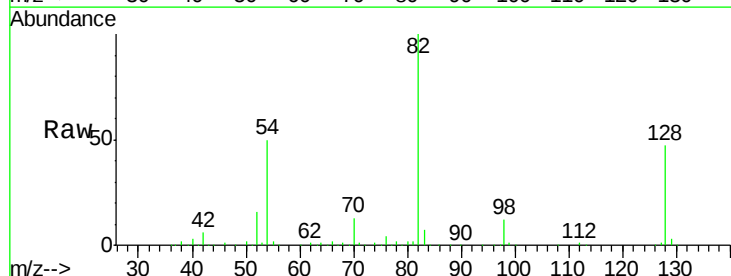
Instrument :
BNA_F
ClientSampled :

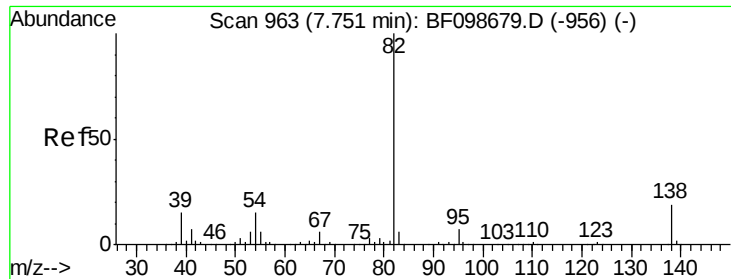
Tot Ion:136	Resp: 605640
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 7.7	6.6 9.8
68 5.8	5.0 7.4



#23
Nitrobenzene-d5
Concen: 96.41 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098907.D
Acq: 28 Sep 2017 14:36

Tgt	Ion: 82	Resp:	910477
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	50.3	41.4	62.2





#25

Isophorone

Concen: 46.41 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.26 min

Lab File: BF098907.D

Acq: 28 Sep 2017 14:36

Instrument :

BNA_F

ClientSampled :

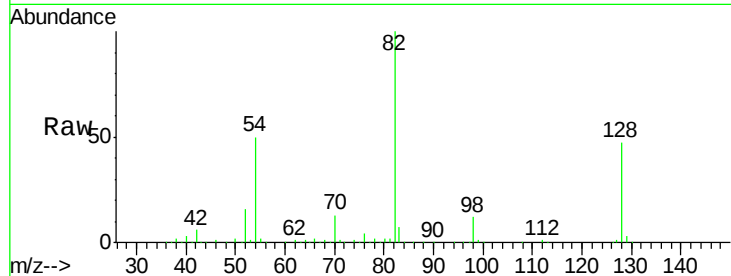
Tot Ion: 82 Resp: 906120

Ion Ratio Lower Upper

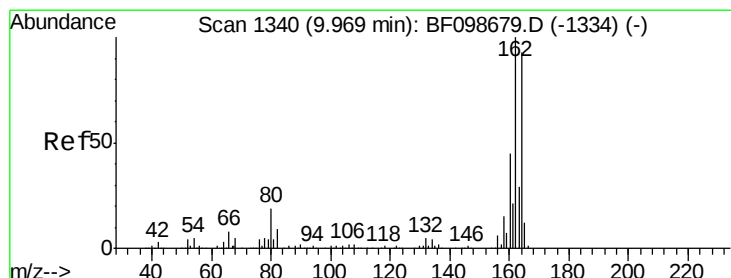
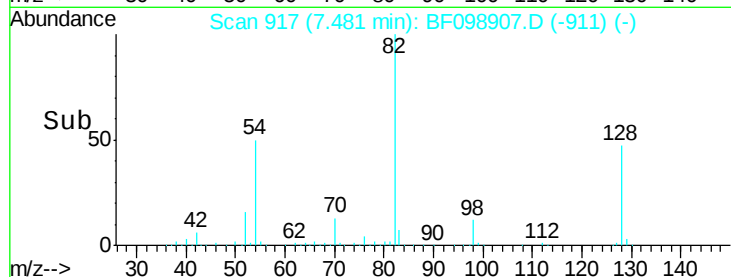
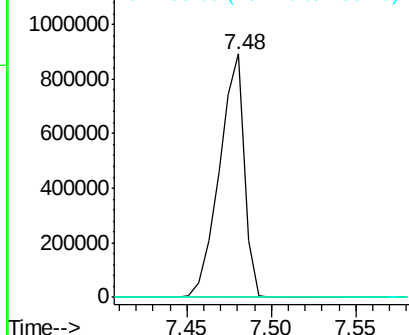
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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: 9.96 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF098907.D

Acq: 28 Sep 2017 14:36

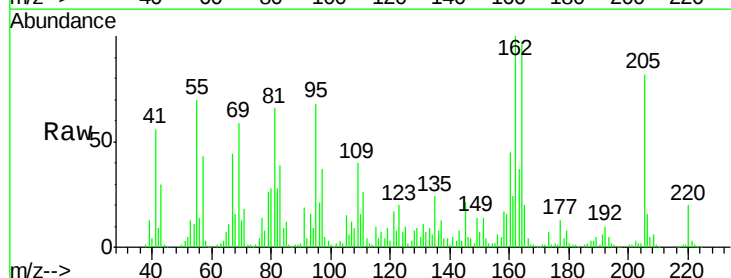
Tgt Ion: 164 Resp: 202129

Ion Ratio Lower Upper

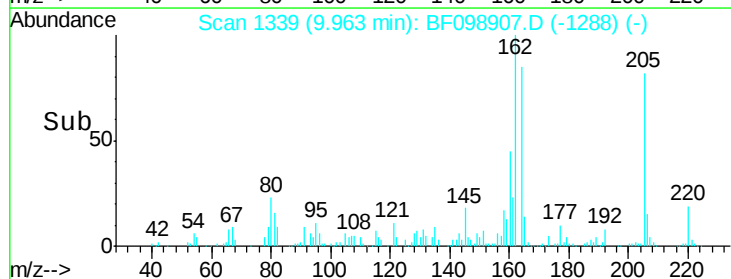
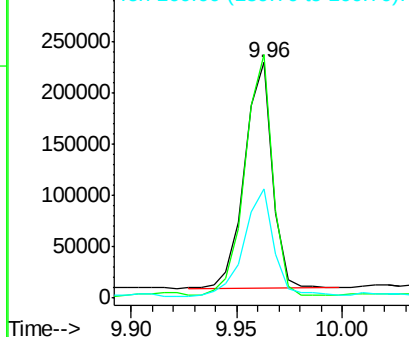
164 100

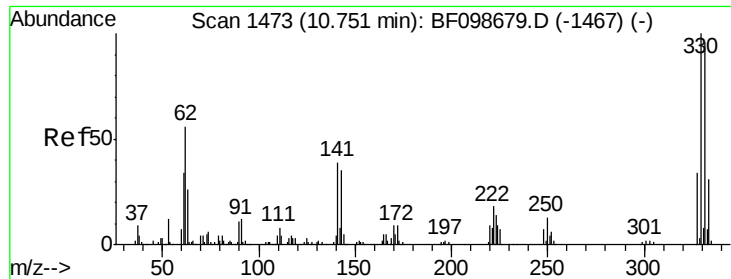
162 103.4 86.1 129.1

160 46.4 38.3 57.5



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

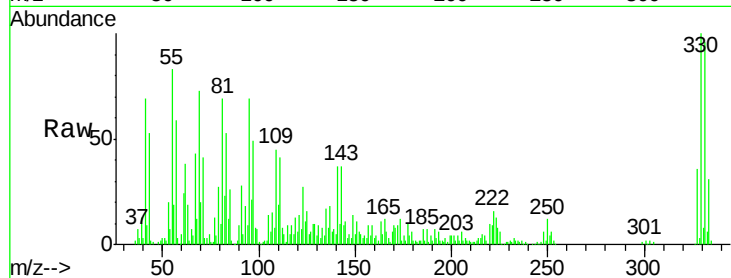




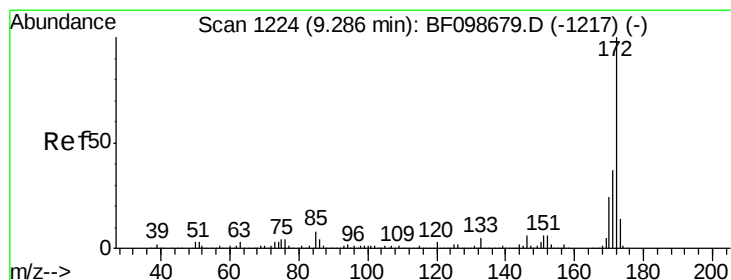
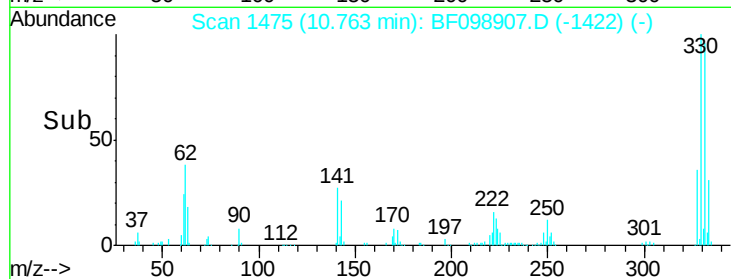
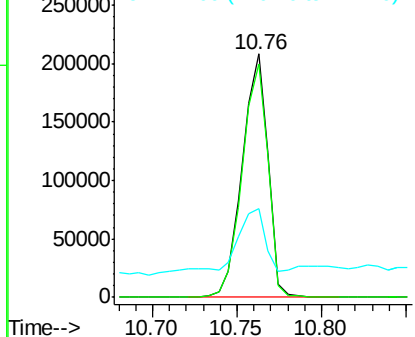
#41
 2,4,6-Tribromophenol
 Concen: 133.57 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BF098907.D
 Acq: 28 Sep 2017 14:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 220924
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 33.2 29.9 44.9

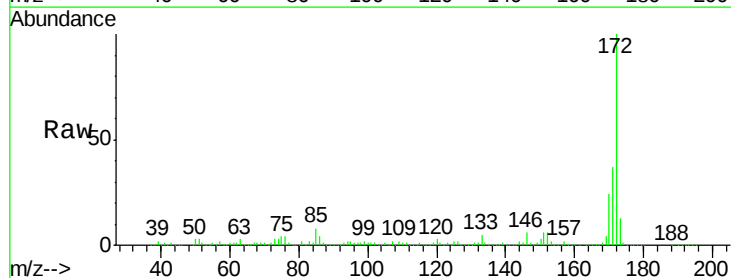


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

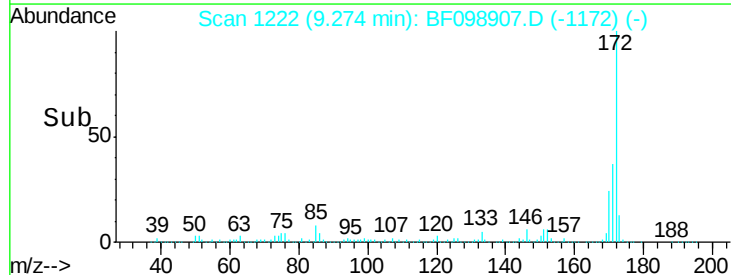
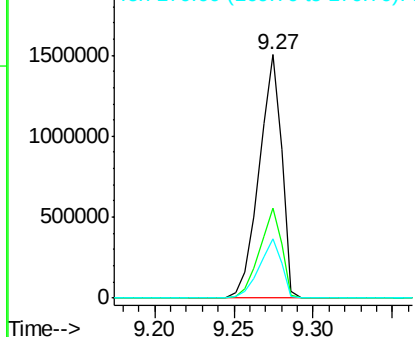


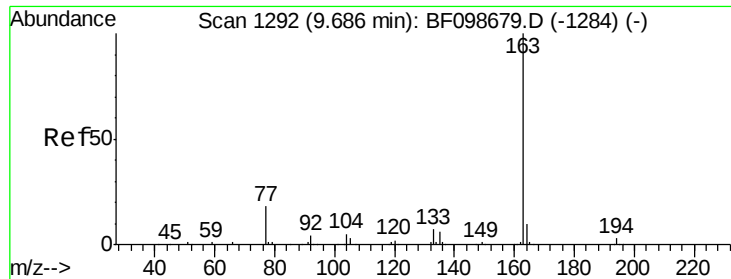
#44
 2-Fluorobiphenyl
 Concen: 123.91 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098907.D
 Acq: 28 Sep 2017 14:36

Tgt Ion:172 Resp: 1500288
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.2 19.6 29.4



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

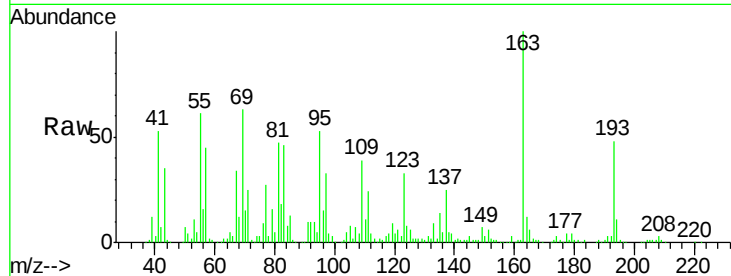




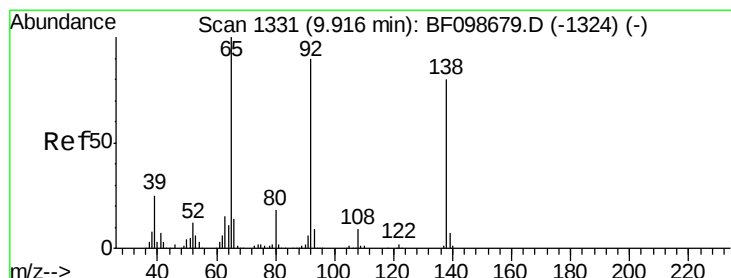
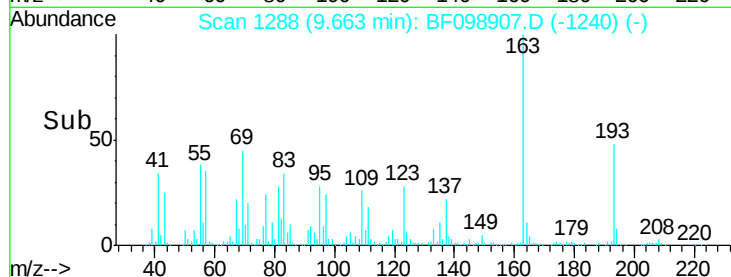
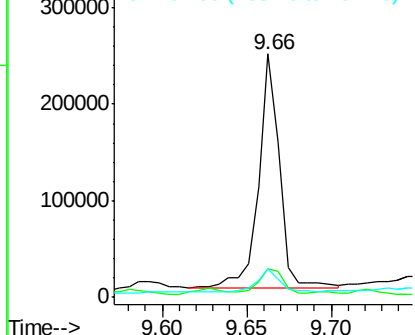
#49
Dimethylphthalate
Concen: 13.69 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098907.D
Acq: 28 Sep 2017 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 208836
Ion Ratio Lower Upper
163 100
194 11.5 2.7 4.1#
164 11.8 8.2 12.2

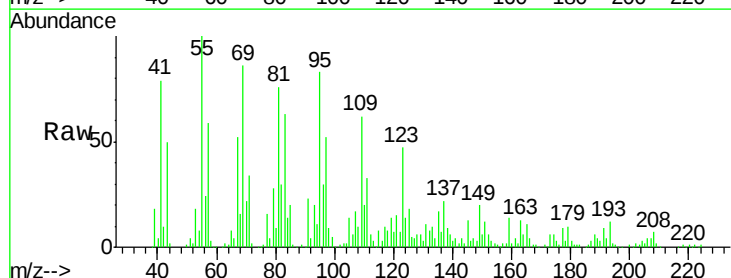


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

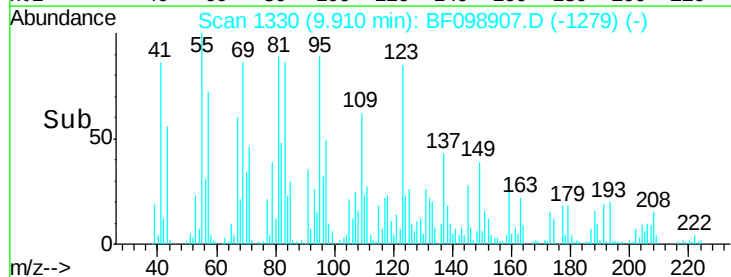
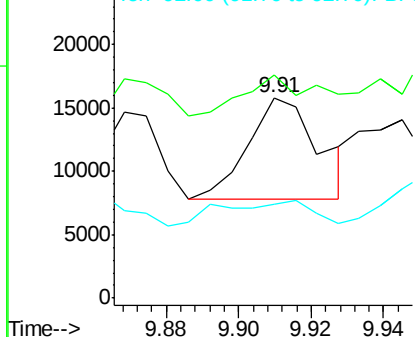


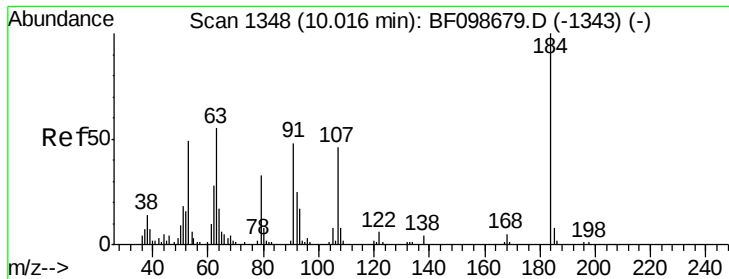
#52
3-Nitroaniline
Concen: 2.78 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF098907.D
Acq: 28 Sep 2017 14:36

Tgt Ion:138 Resp: 10779
Ion Ratio Lower Upper
138 100
108 111.6 9.4 14.0#
92 46.9 89.4 134.2#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 5.89 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.02 min

Lab File: BF098907.D

Acq: 28 Sep 2017 14:36

Instrument :

BNA_F

ClientSampleId :

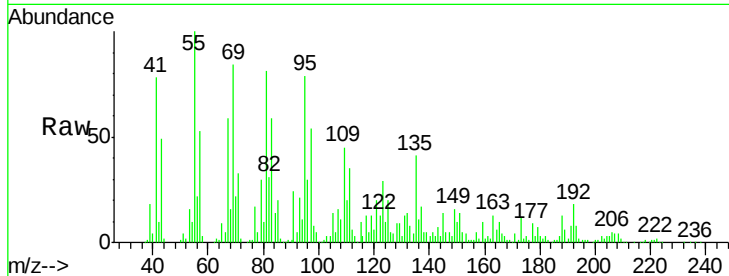
Tot Ion:184 Resp: 108

Ion Ratio Lower Upper

184 100

63 1272.9 54.2 81.2#

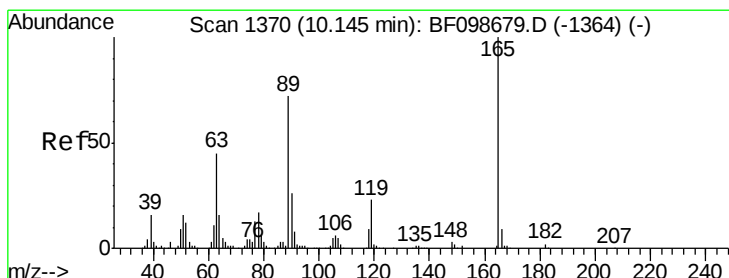
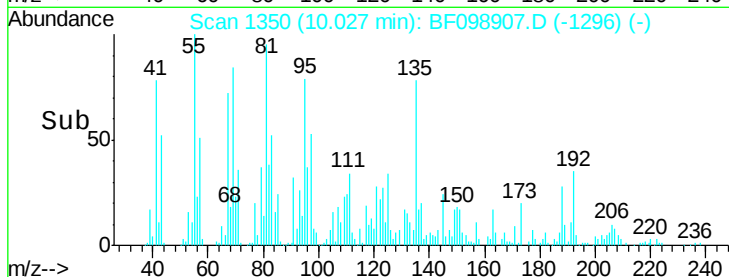
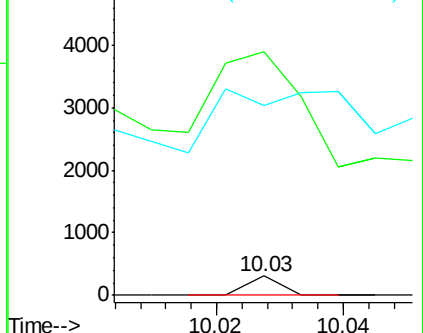
154 992.2 53.5 80.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#56

2,4-Dinitrotoluene

Concen: 2.43 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.03 min

Lab File: BF098907.D

Acq: 28 Sep 2017 14:36

Tgt Ion:165 Resp: 10488

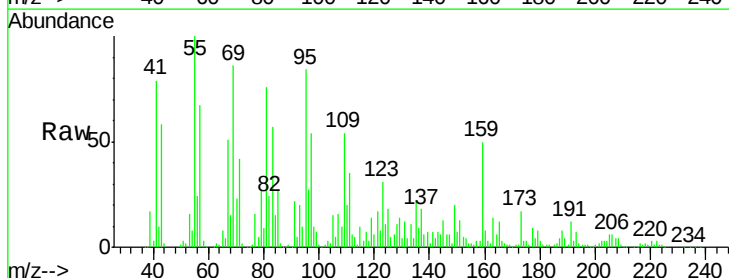
Ion Ratio Lower Upper

165 100

63 12.6 36.4 54.6#

89 9.9 57.8 86.6#

182 10.7 1.6 2.4#

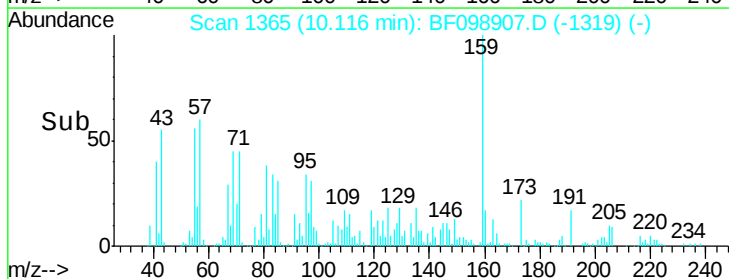
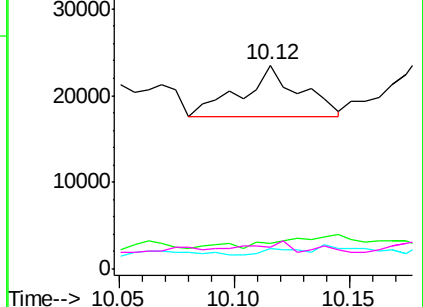


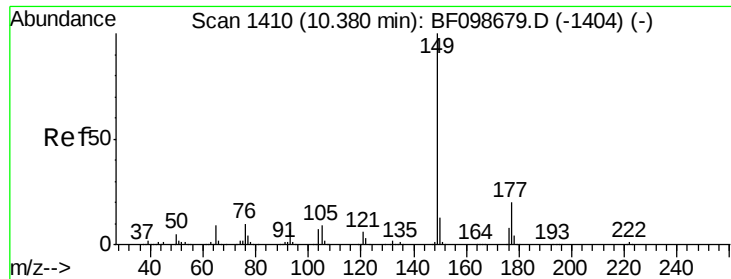
Abundance Ion 165.00 (164.70 to 165.70): E

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

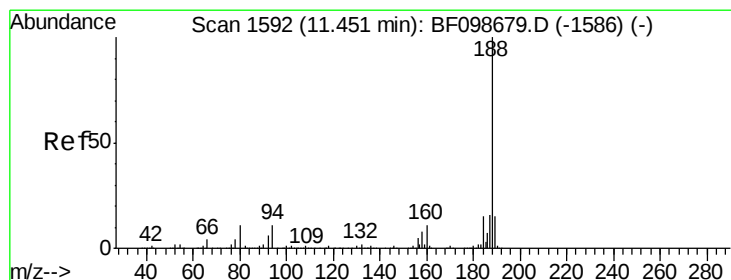
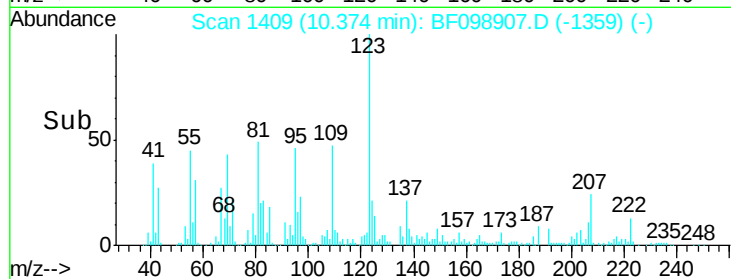
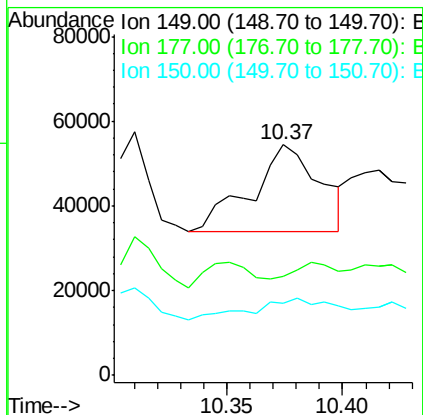
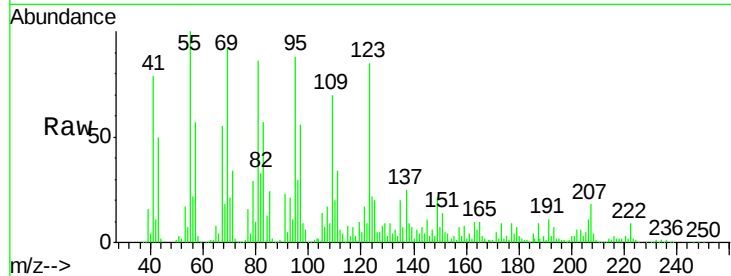




#59
Diethylphthalate
Concen: 2.85 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098907.D
Acq: 28 Sep 2017 14:36

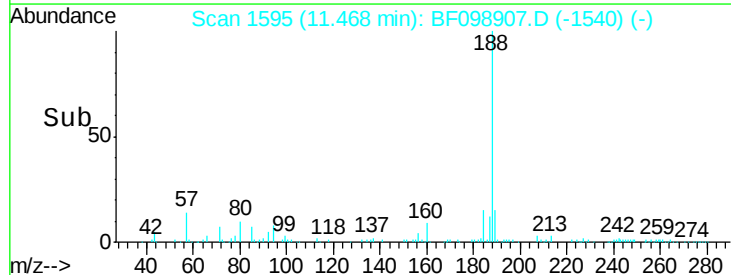
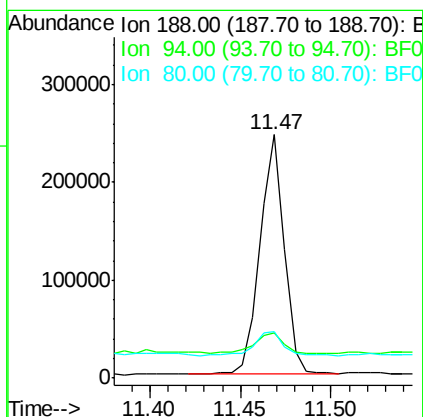
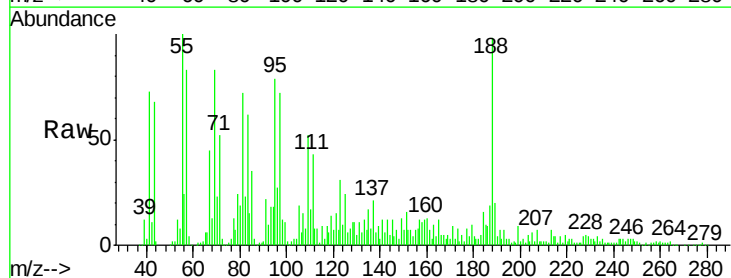
Instrument :
BNA_F
ClientSampled :

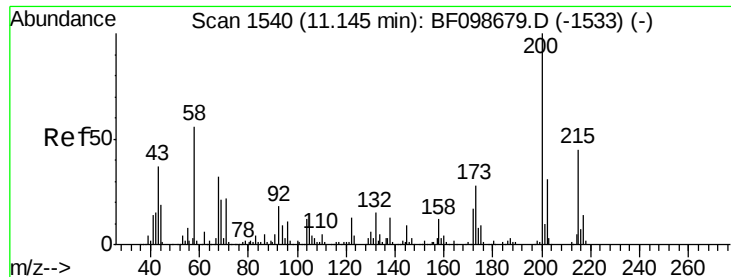
Tot Ion:149 Resp: 42459
Ion Ratio Lower Upper
149 100
177 42.8 16.1 24.1#
150 31.4 10.1 15.1#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.02 min
Lab File: BF098907.D
Acq: 28 Sep 2017 14:36

Tgt Ion:188 Resp: 228493
Ion Ratio Lower Upper
188 100
94 18.6 8.5 12.7#
80 19.0 9.2 13.8#

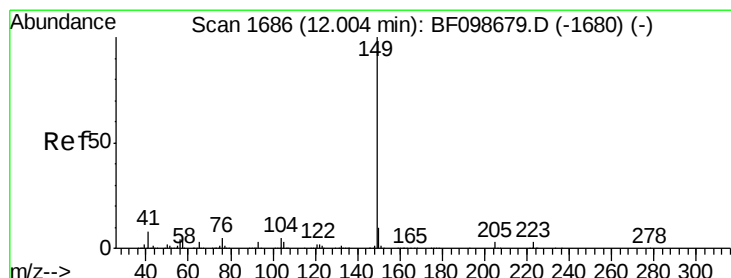
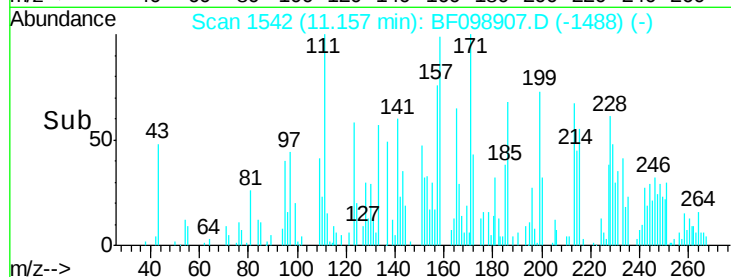
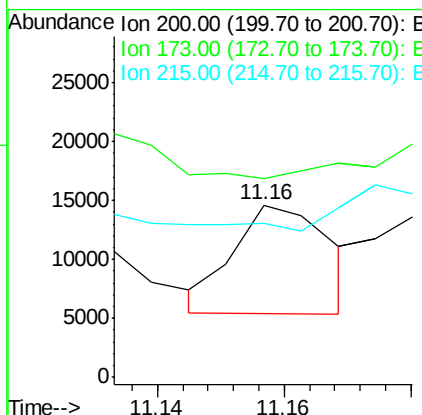
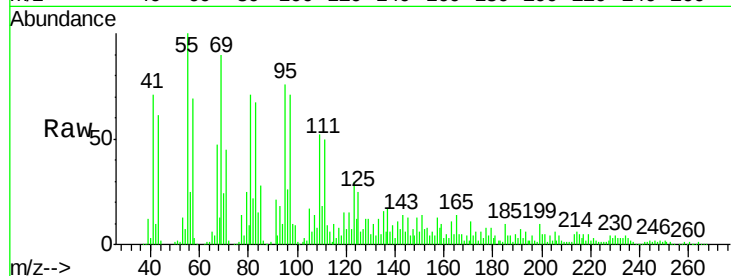




#68
Atrazine
Concen: 4.10 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.02 min
Lab File: BF098907.D
Acq: 28 Sep 2017 14:36

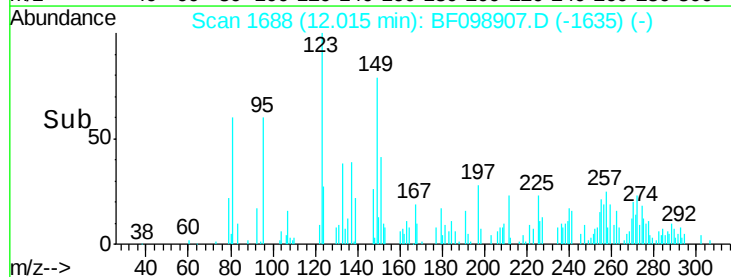
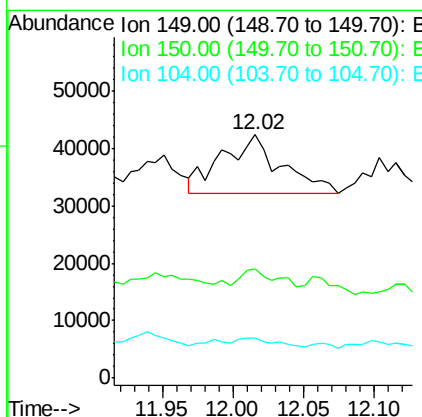
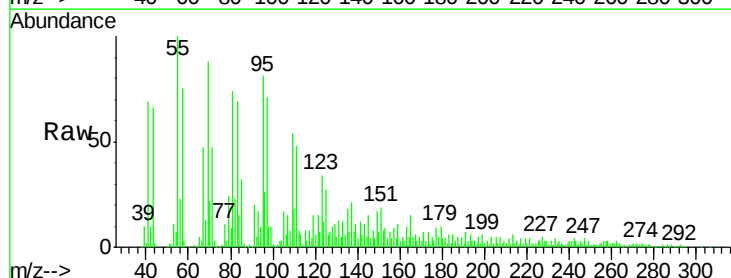
Instrument :
BNA_F
ClientSampleId :

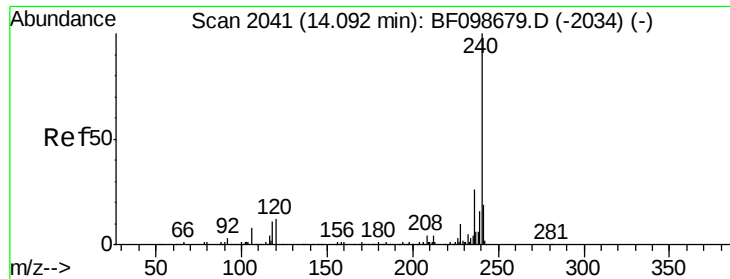
Tot Ion:200 Resp: 9755
Ion Ratio Lower Upper
200 100
173 115.8 8.6 48.6#
215 89.4 25.1 65.1#



#73
Di-n-butylphthalate
Concen: 2.02 ng
RT: 12.02 min Scan# 1688
Delta R.T. 0.01 min
Lab File: BF098907.D
Acq: 28 Sep 2017 14:36

Tgt Ion:149 Resp: 29828
Ion Ratio Lower Upper
149 100
150 45.1 7.8 11.6#
104 16.5 3.8 5.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BF098907.D

Acq: 28 Sep 2017 14:36

Instrument :

BNA_F

ClientSampleId :

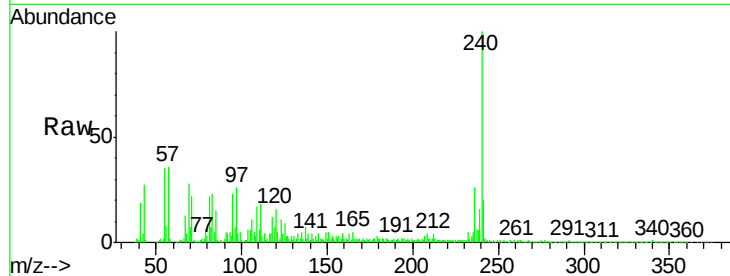
Tot Ion:240 Resp: 222882

Ion Ratio Lower Upper

240 100

120 16.3 9.5 14.3#

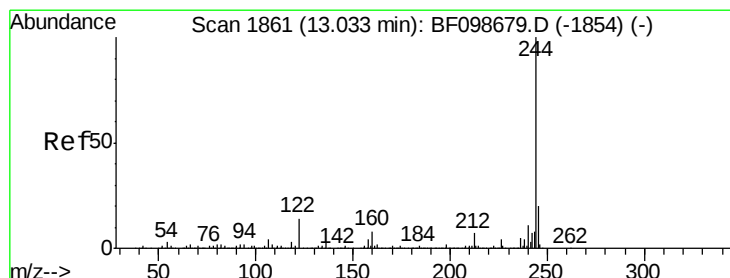
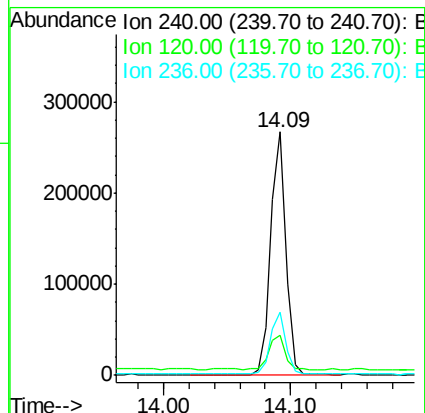
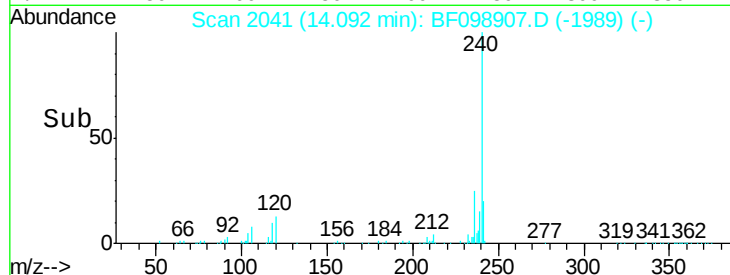
236 25.9 20.7 31.1



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: 85.39 ng

RT: 13.04 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BF098907.D

Acq: 28 Sep 2017 14:36

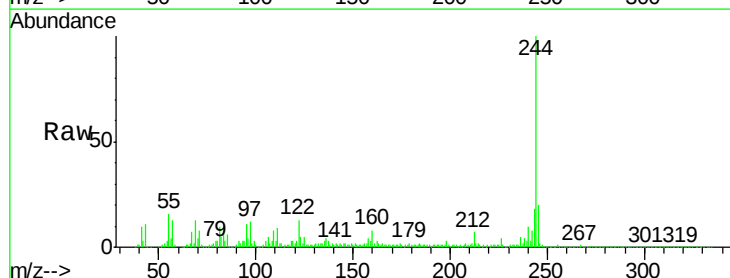
Tgt Ion:244 Resp: 836830

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

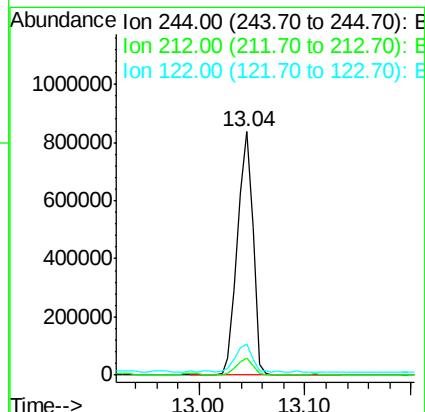
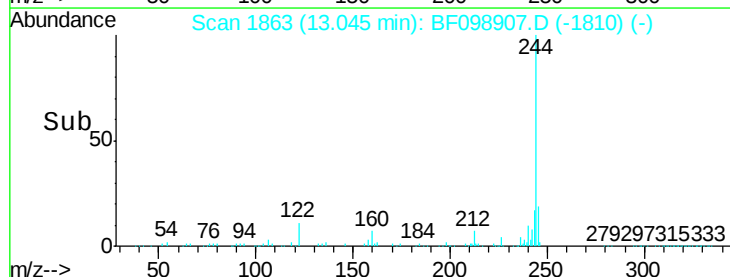
122 12.5 11.0 16.4

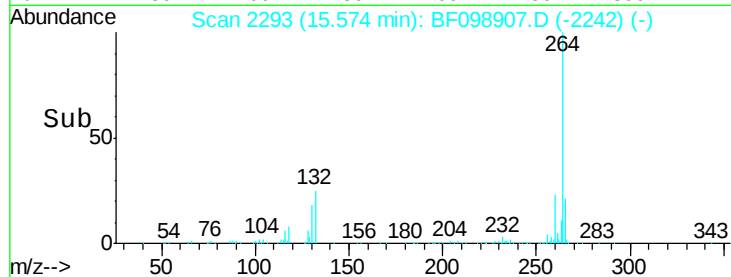
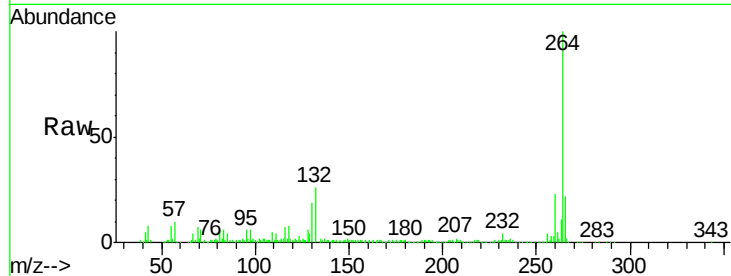
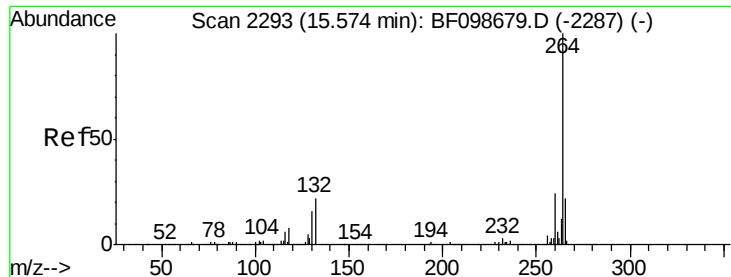


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098907.D
Acq: 28 Sep 2017 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	17.5	26.3

