

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098940.D
 Acq On : 29 Sep 2017 10:45
 Operator : SJ/JU
 Sample : I5488-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

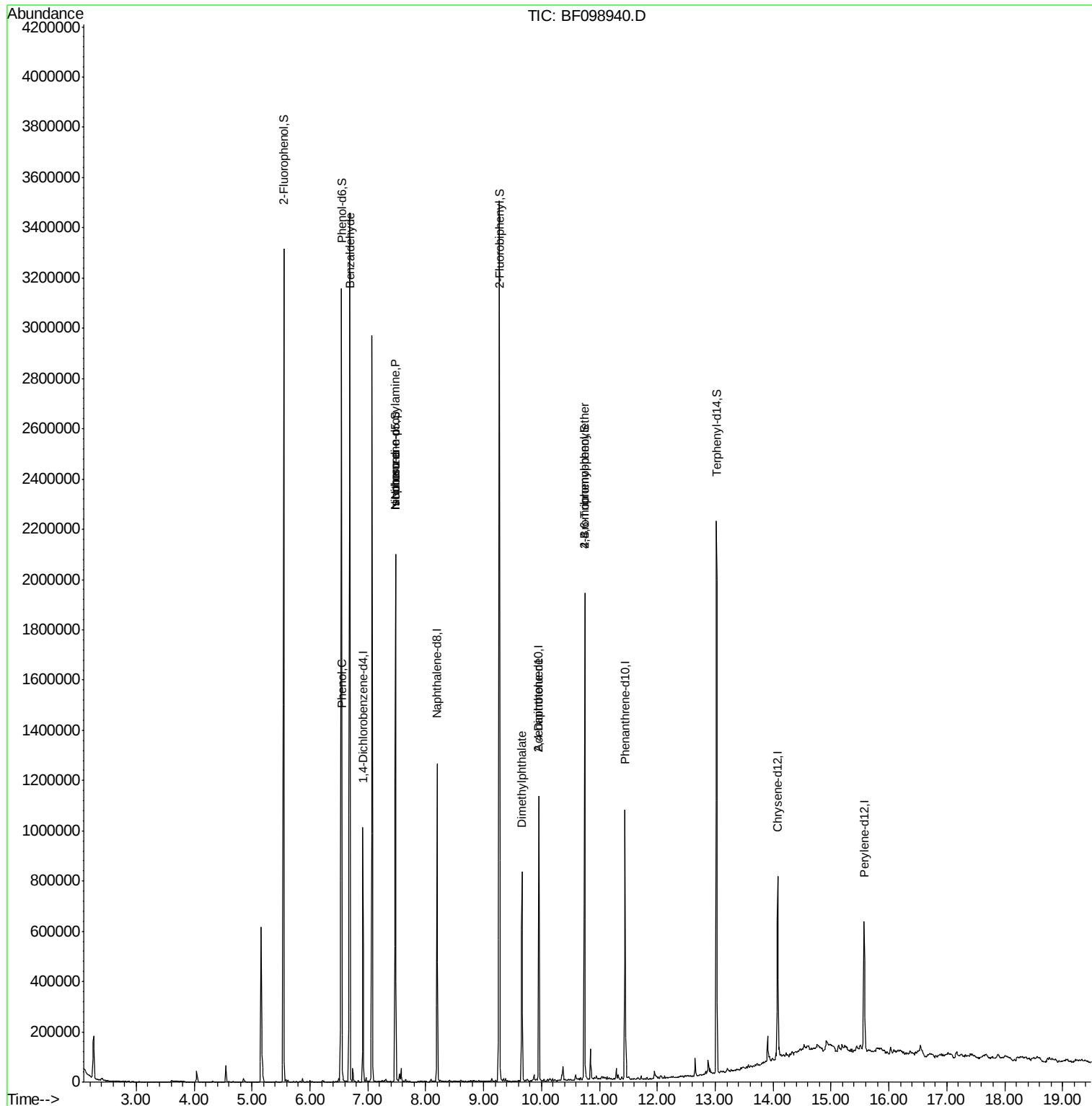
Quant Time: Sep 29 16:04:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

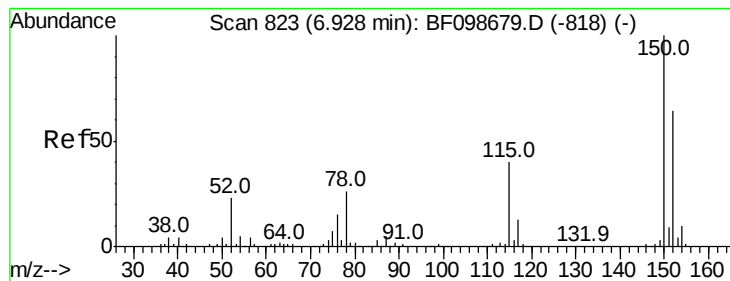
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	134678	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	548698	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	233795	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	358601	20.00	ng	0.00
75) Chrysene-d12	14.08	240	214796	20.00	ng	0.00
86) Perylene-d12	15.57	264	227567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1053616	124.54	ng	0.00
7) Phenol-d6	6.55	99	1244317	119.23	ng	0.00
23) Nitrobenzene-d5	7.48	82	760105	88.84	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	211057	110.32	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1180172	84.27	ng	0.00
78) Terphenyl-d14	13.02	244	676994	71.68	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.69	77	22925	3.787	ng	84
10) Phenol	6.56	94	40276	3.451	ng	94
19) n-Nitroso-di-n-propylamine	7.48	70	102186	15.336	ng	# 75
25) Isophorone	7.48	82	756240	42.751	ng	# 64
49) Dimethylphthalate	9.66	163	313609	17.773	ng	99
56) 2,4-Dinitrotoluene	9.95	165	29404	5.898	ng	# 23
66) 4-Bromophenyl-phenylether	10.75	248	14506	4.133	ng	# 1

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

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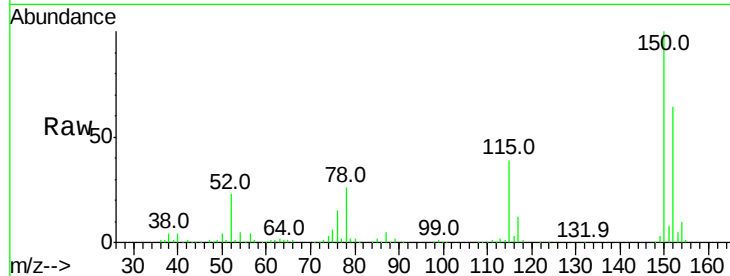


#1

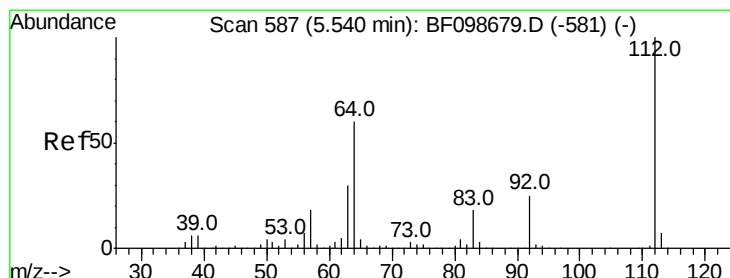
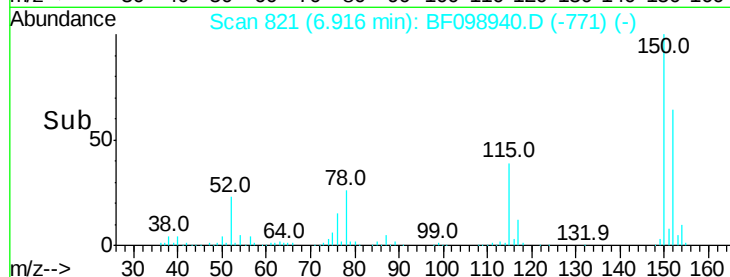
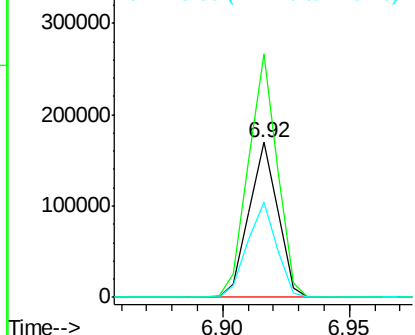
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098940.D
Acq: 29 Sep 2017 10:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134678
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 61.6 50.1 75.1



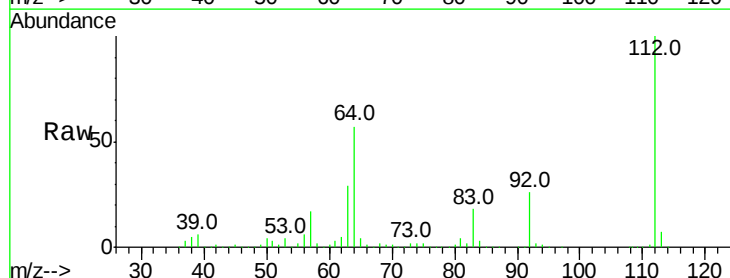
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



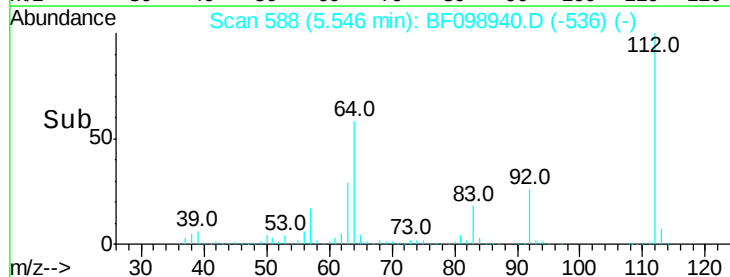
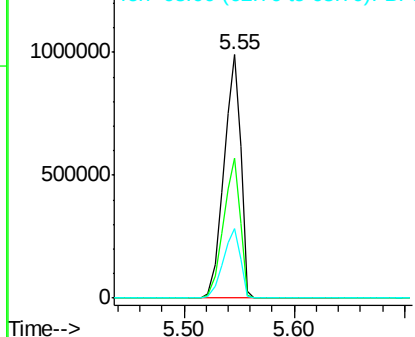
#5

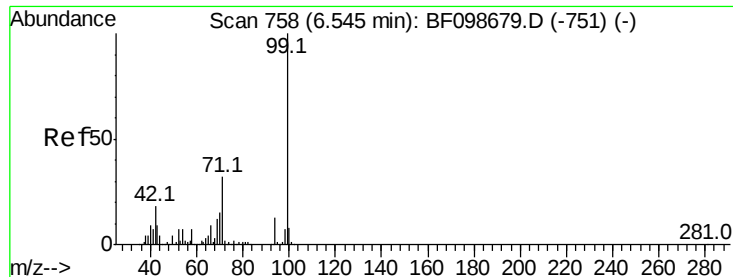
2-Fluorophenol
Concen: 124.538 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098940.D
Acq: 29 Sep 2017 10:45

Tgt Ion:112 Resp: 1053616
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 28.7 23.7 35.5



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: 119.226 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF098940.D

Acq: 29 Sep 2017 10:45

Instrument :

BNA_F

ClientSampled :

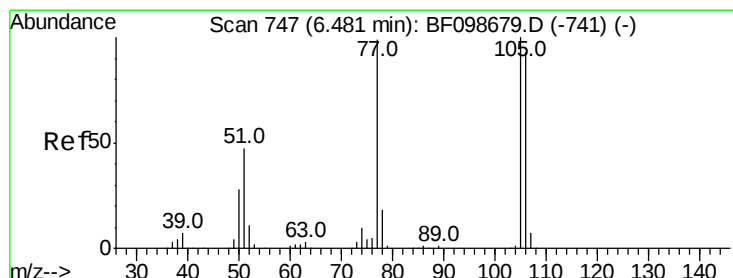
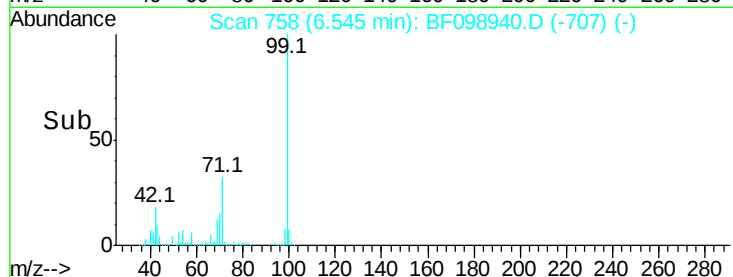
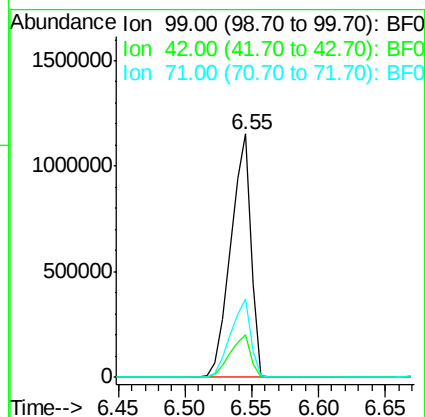
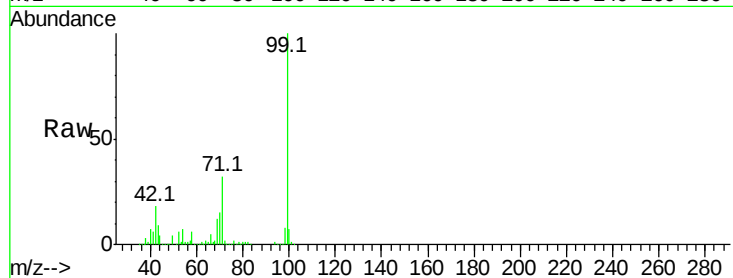
Tot Ion: 99 Resp: 1244317

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 32.2 25.4 38.0



#9

Benzaldehyde

Concen: 3.787 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098940.D

Acq: 29 Sep 2017 10:45

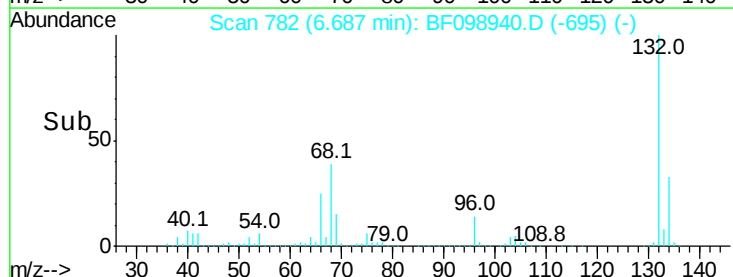
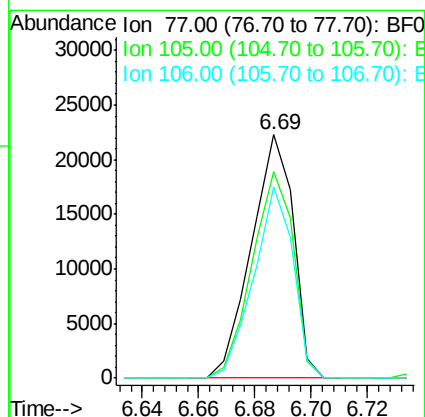
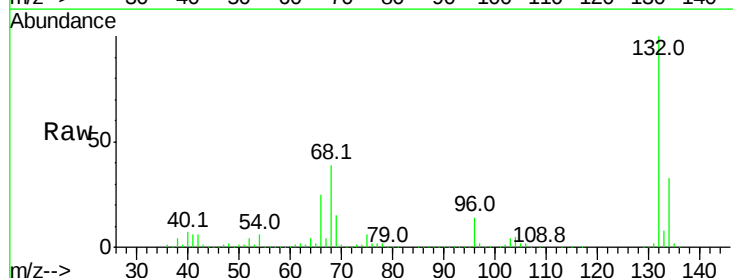
Tgt Ion: 77 Resp: 22925

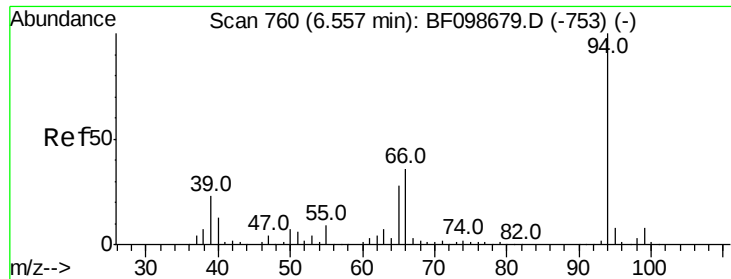
Ion Ratio Lower Upper

77 100

105 85.0 81.1 121.1

106 78.4 74.5 114.5





#10

Phenol

Concen: 3.451 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF098940.D

Acq: 29 Sep 2017 10:45

Instrument :

BNA_F

ClientSampleId :

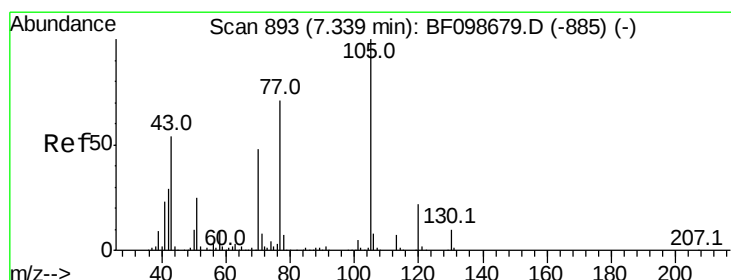
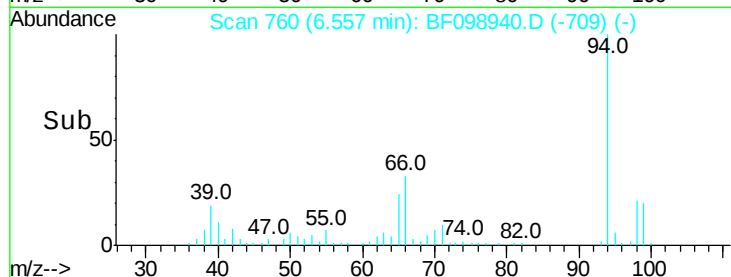
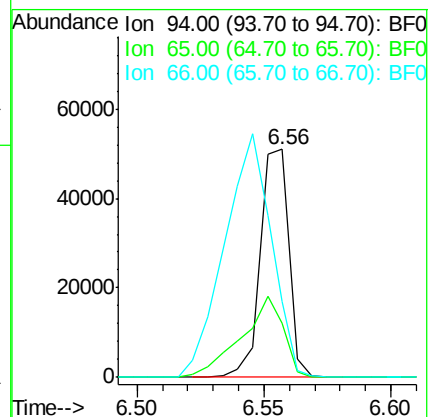
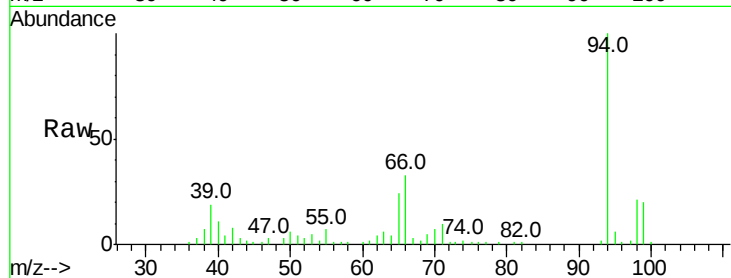
Tot Ion: 94 Resp: 40276

Ion Ratio Lower Upper

94 100

65 23.9 7.9 47.9

66 33.4 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.336 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.15 min

Lab File: BF098940.D

Acq: 29 Sep 2017 10:45

Tgt Ion: 70 Resp: 102186

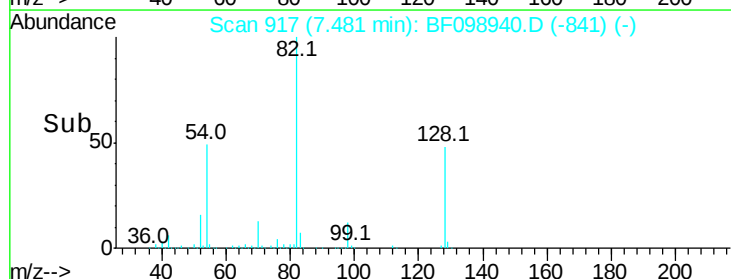
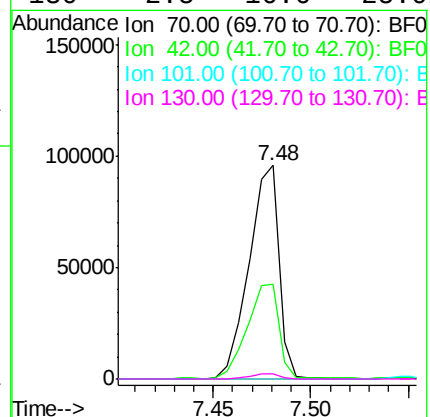
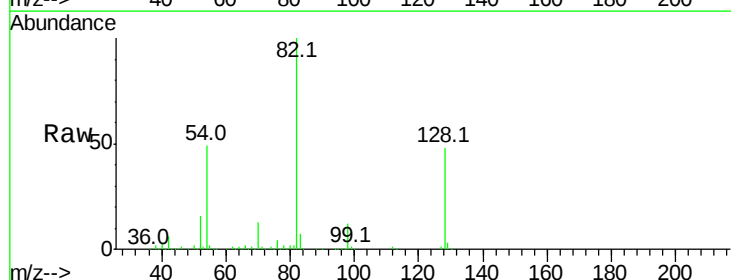
Ion Ratio Lower Upper

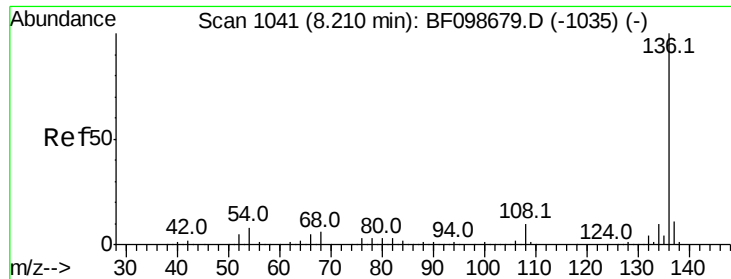
70 100

42 44.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

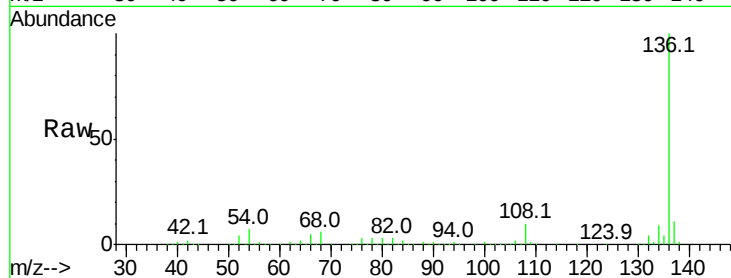




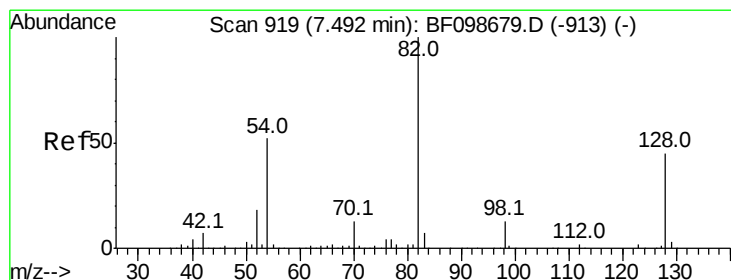
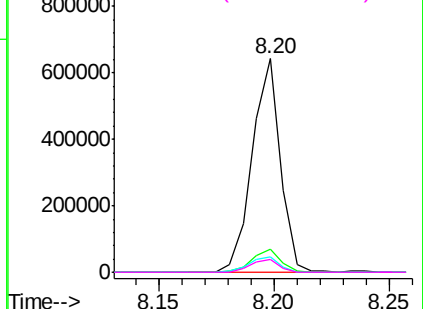
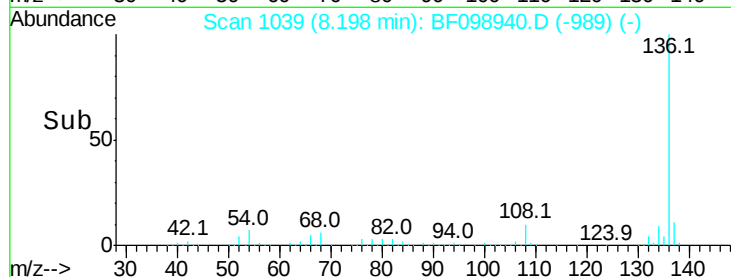
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098940.D
Acq: 29 Sep 2017 10:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	548698
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	6.6	9.8
68	6.0	5.0	7.4

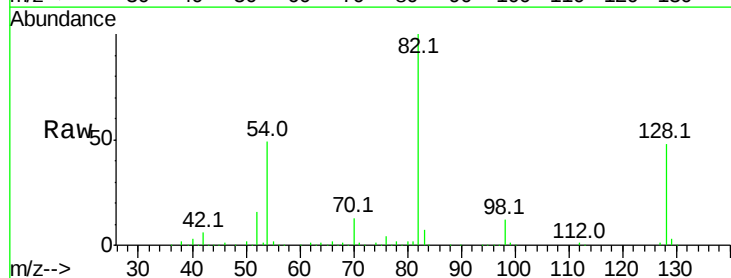


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

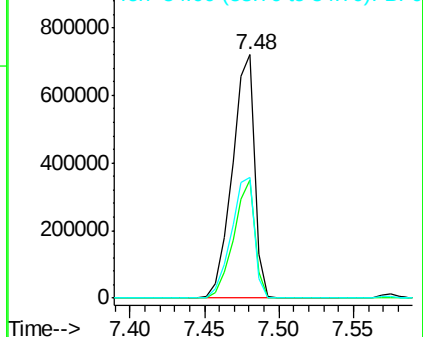
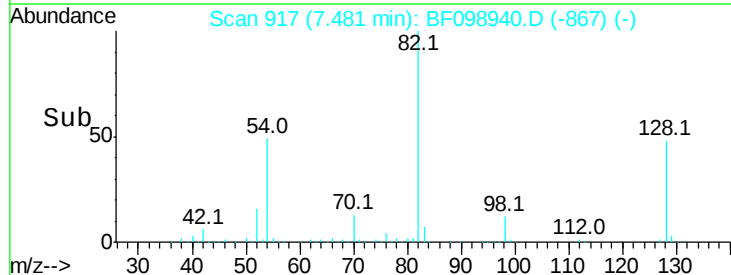


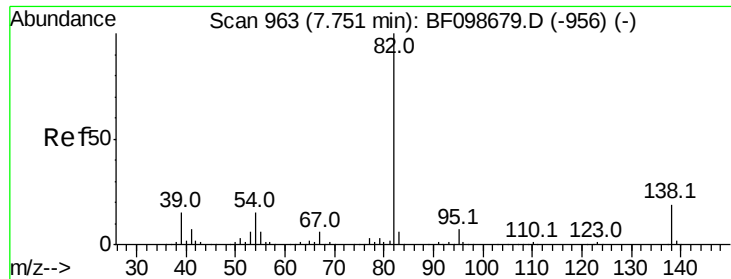
#23
Nitrobenzene-d5
Concen: 88.839 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098940.D
Acq: 29 Sep 2017 10:45

Tgt Ion:	82	Resp:	760105
Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	49.4	41.4	62.2



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: 42.751 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.26 min

Lab File: BF098940.D

Acq: 29 Sep 2017 10:45

Instrument :

BNA_F

ClientSampleId :

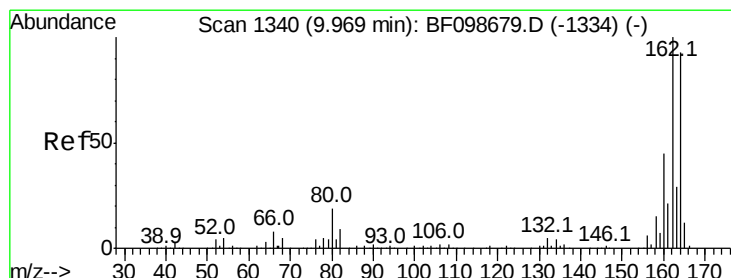
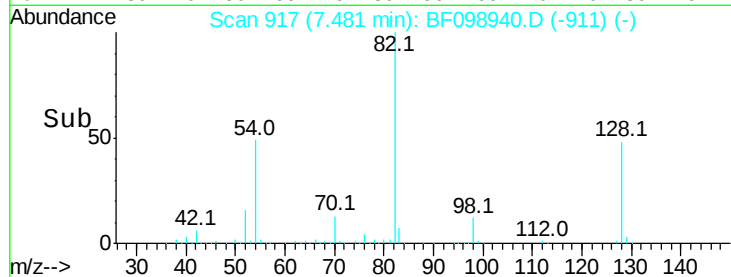
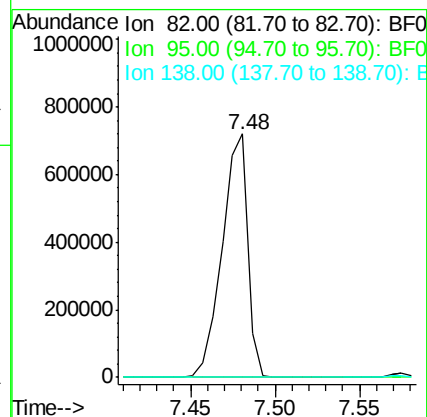
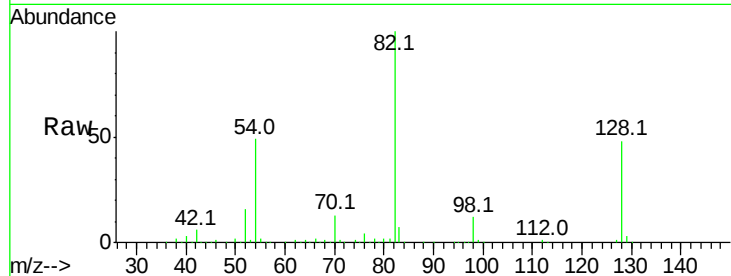
Tot Ion: 82 Resp: 756240

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098940.D

Acq: 29 Sep 2017 10:45

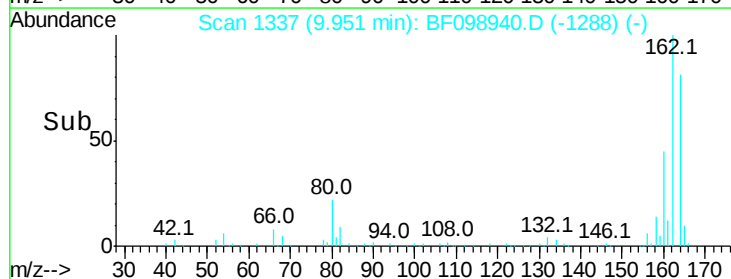
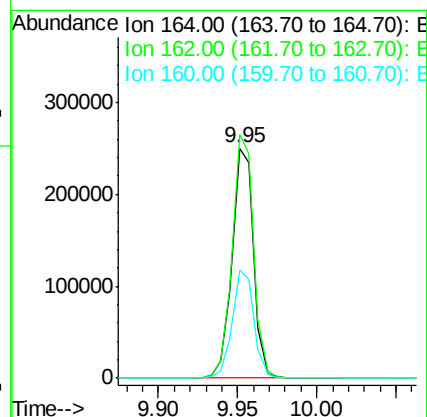
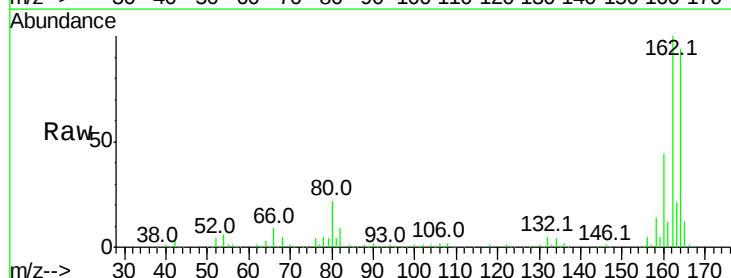
Tgt Ion: 164 Resp: 233795

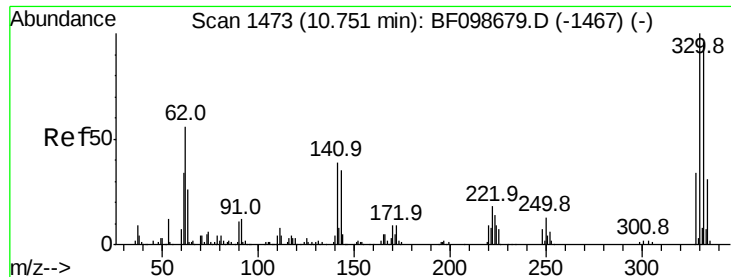
Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

160 47.1 38.3 57.5

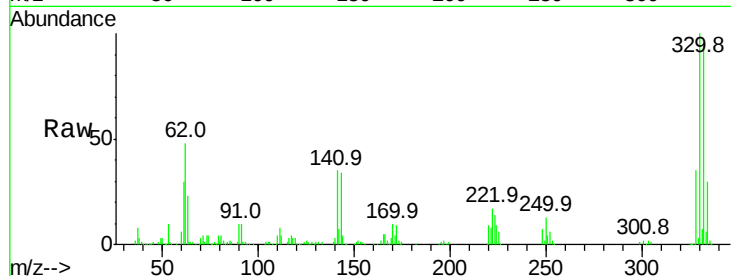




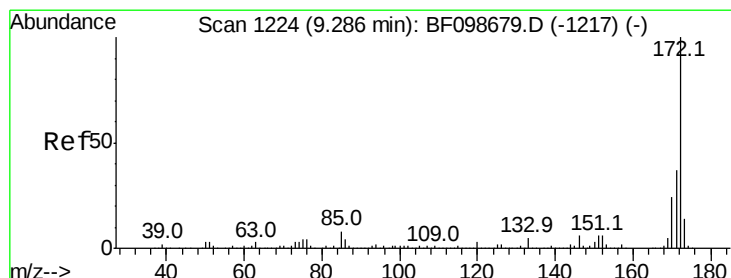
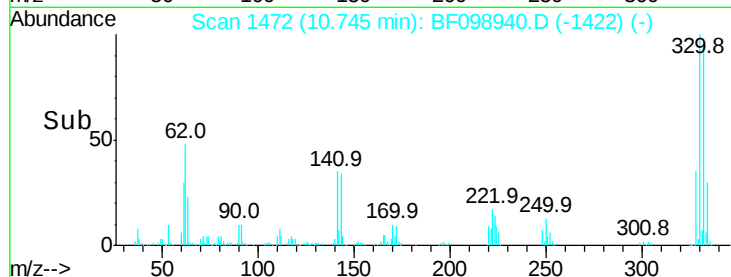
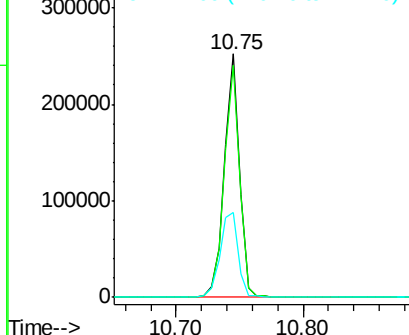
#41
 2,4,6-Tribromophenol
 Concen: 110.323 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098940.D
 Acq: 29 Sep 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 211057
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 42.3 29.9 44.9

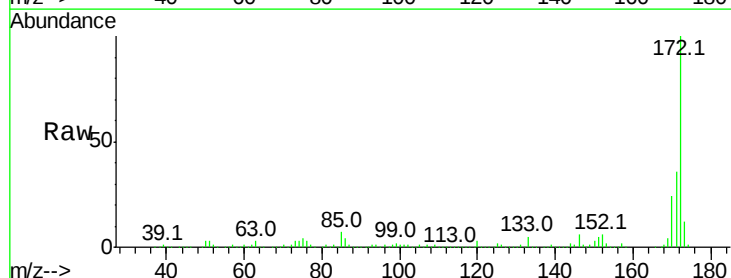


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

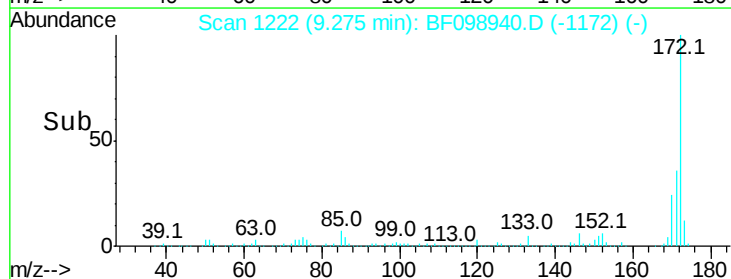
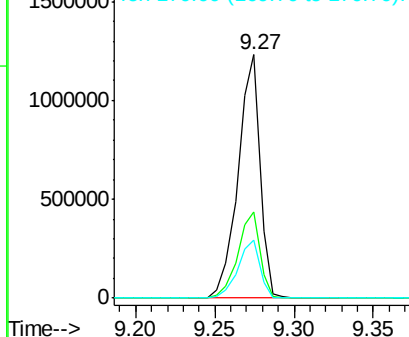


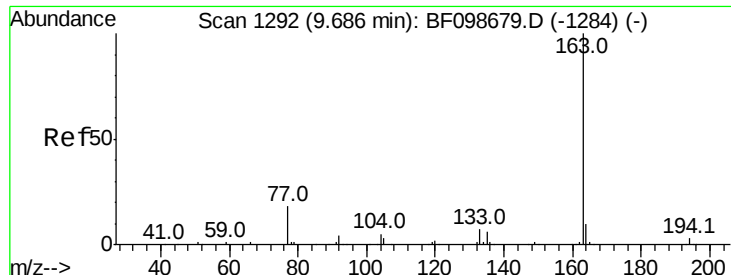
#44
 2-Fluorobiphenyl
 Concen: 84.270 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098940.D
 Acq: 29 Sep 2017 10:45

Tgt Ion:172 Resp: 1180172
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.9 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

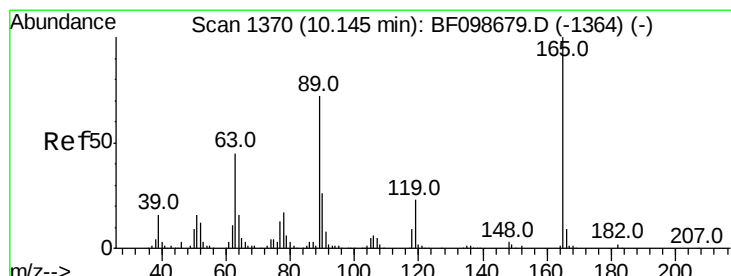
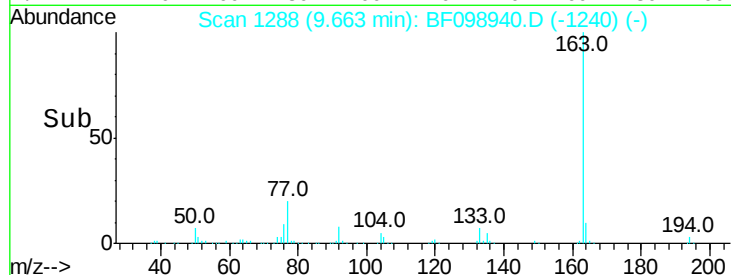
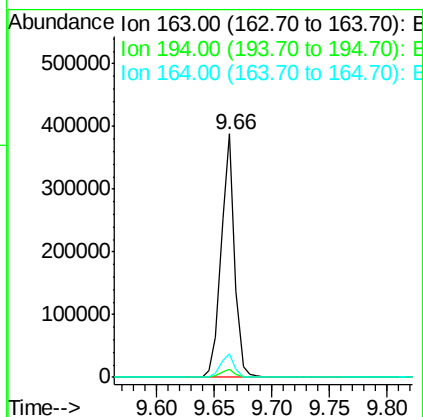
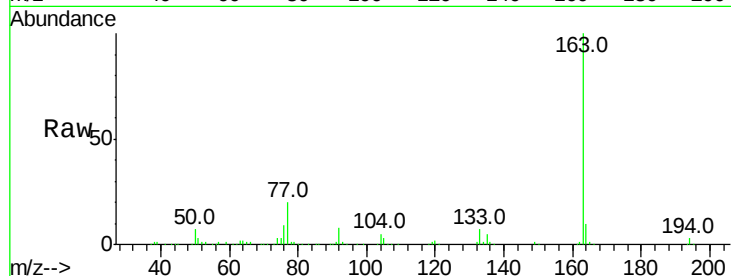




#49
Dimethylphthalate
Concen: 17.773 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098940.D
Acq: 29 Sep 2017 10:45

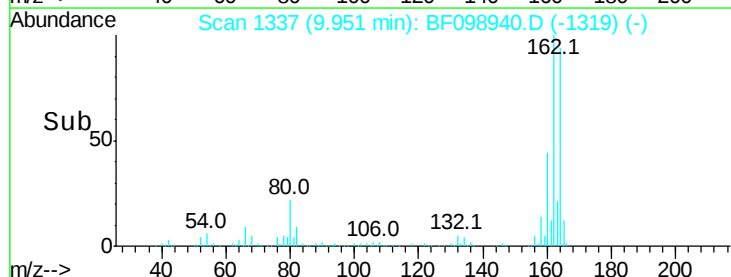
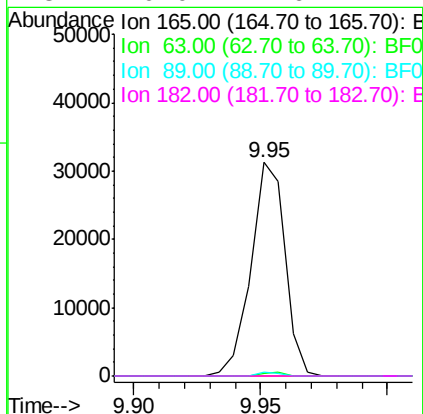
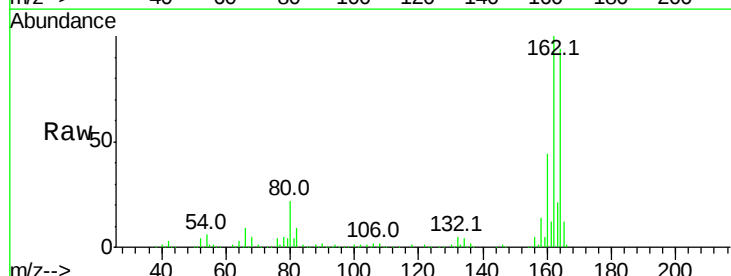
Instrument :
BNA_F
ClientSampled :

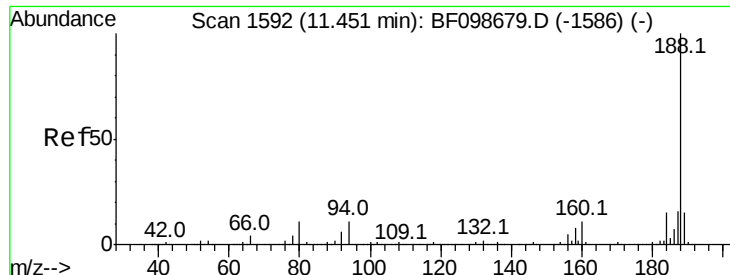
Tot Ion:163 Resp: 313609
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.7 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.898 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098940.D
Acq: 29 Sep 2017 10:45

Tgt Ion:165 Resp: 29404
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#

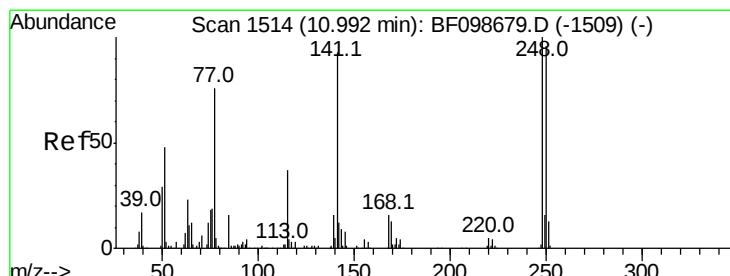
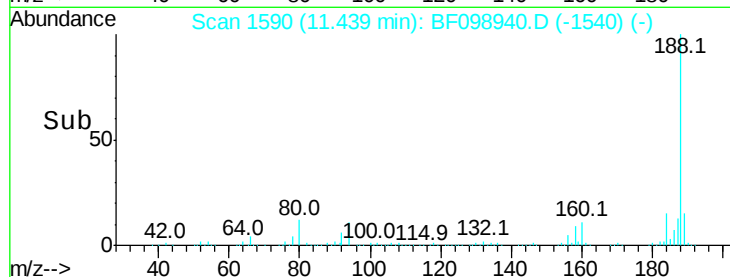
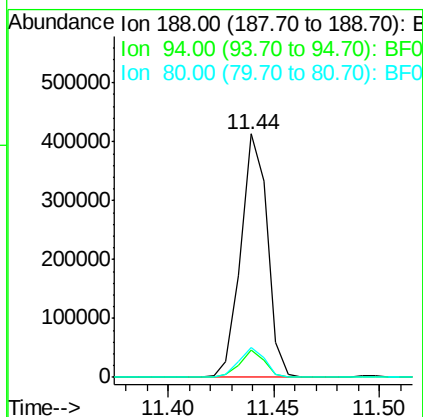
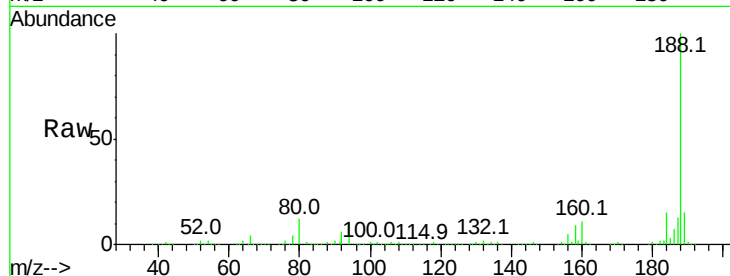




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098940.D
 Acq: 29 Sep 2017 10:45

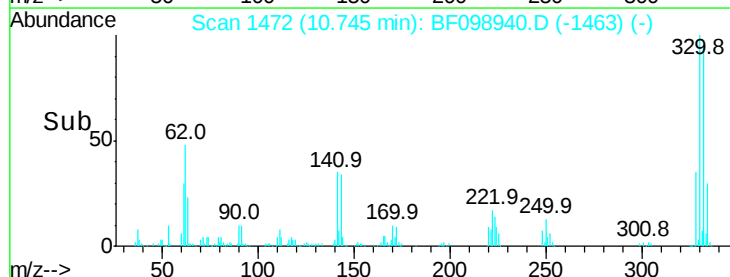
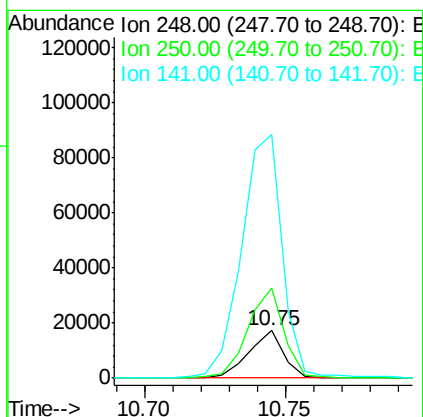
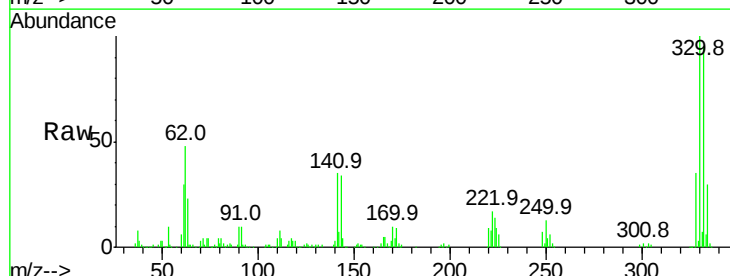
Instrument :
 BNA_F
 ClientSampleId :

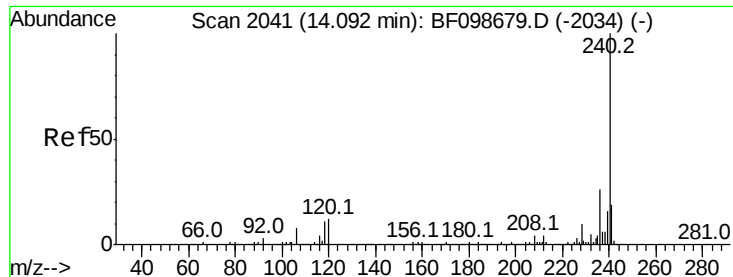
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.5	9.2	13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.133 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.25 min
 Lab File: BF098940.D
 Acq: 29 Sep 2017 10:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	188.8	76.9	115.3#
141	514.0	74.4	111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098940.D

Acq: 29 Sep 2017 10:45

Instrument :

BNA_F

ClientSampleId :

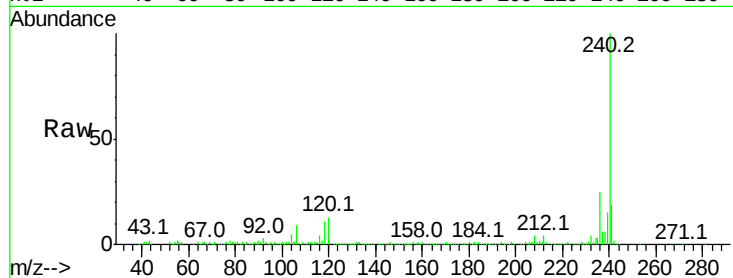
Tot Ion:240 Resp: 214796

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

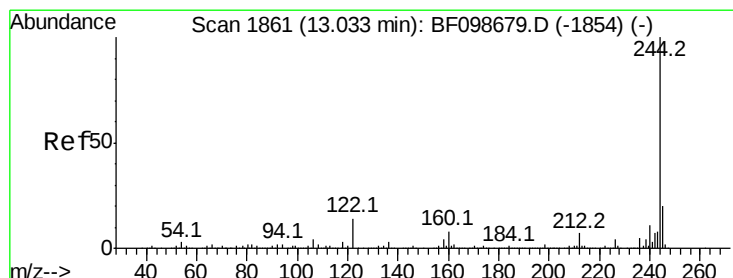
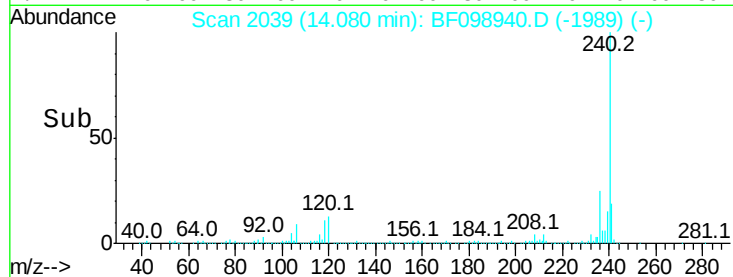
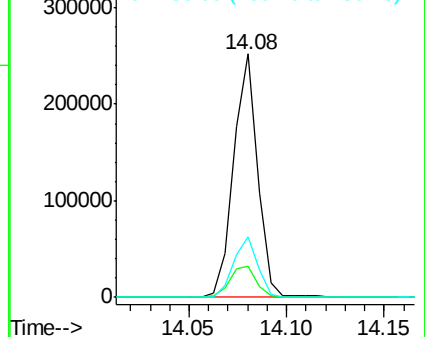
236 24.9 20.7 31.1



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: 71.678 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098940.D

Acq: 29 Sep 2017 10:45

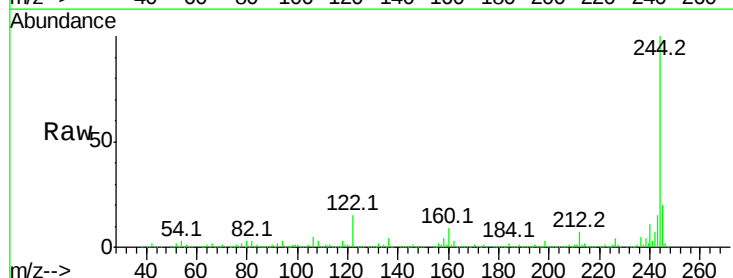
Tgt Ion:244 Resp: 676994

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

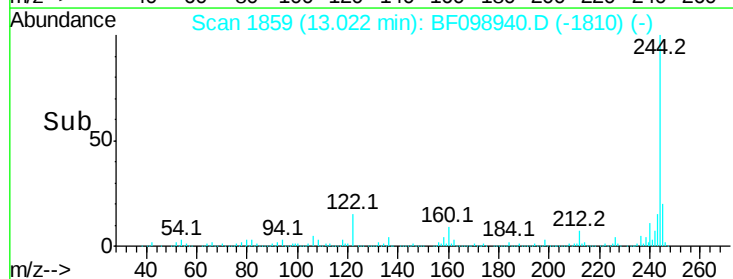
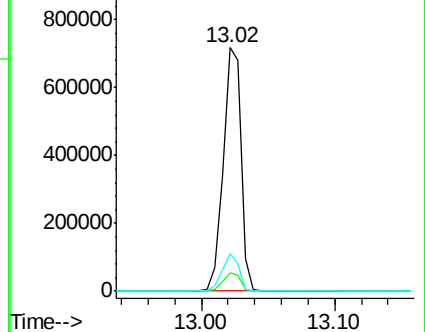
122 15.4 11.0 16.4

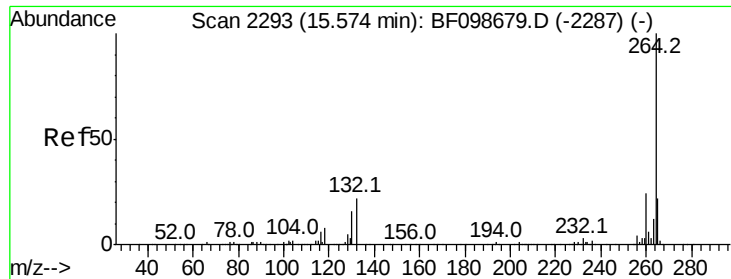


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

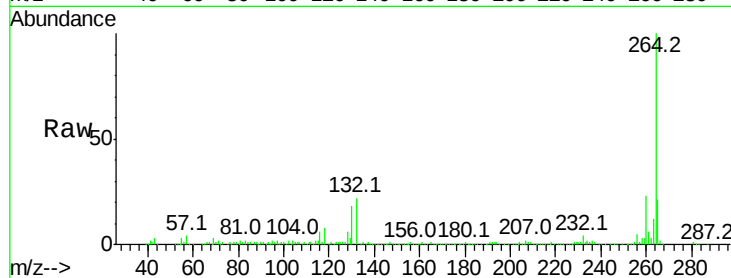




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF098940.D
 Acq: 29 Sep 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.9	17.5	26.3



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

