

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098695.D
 Acq On : 22 Sep 2017 13:01
 Operator : SJ/JU
 Sample : I5309-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-COMP

Quant Time: Sep 22 13:42:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 11:54:28 2017
 Response via : Initial Calibration

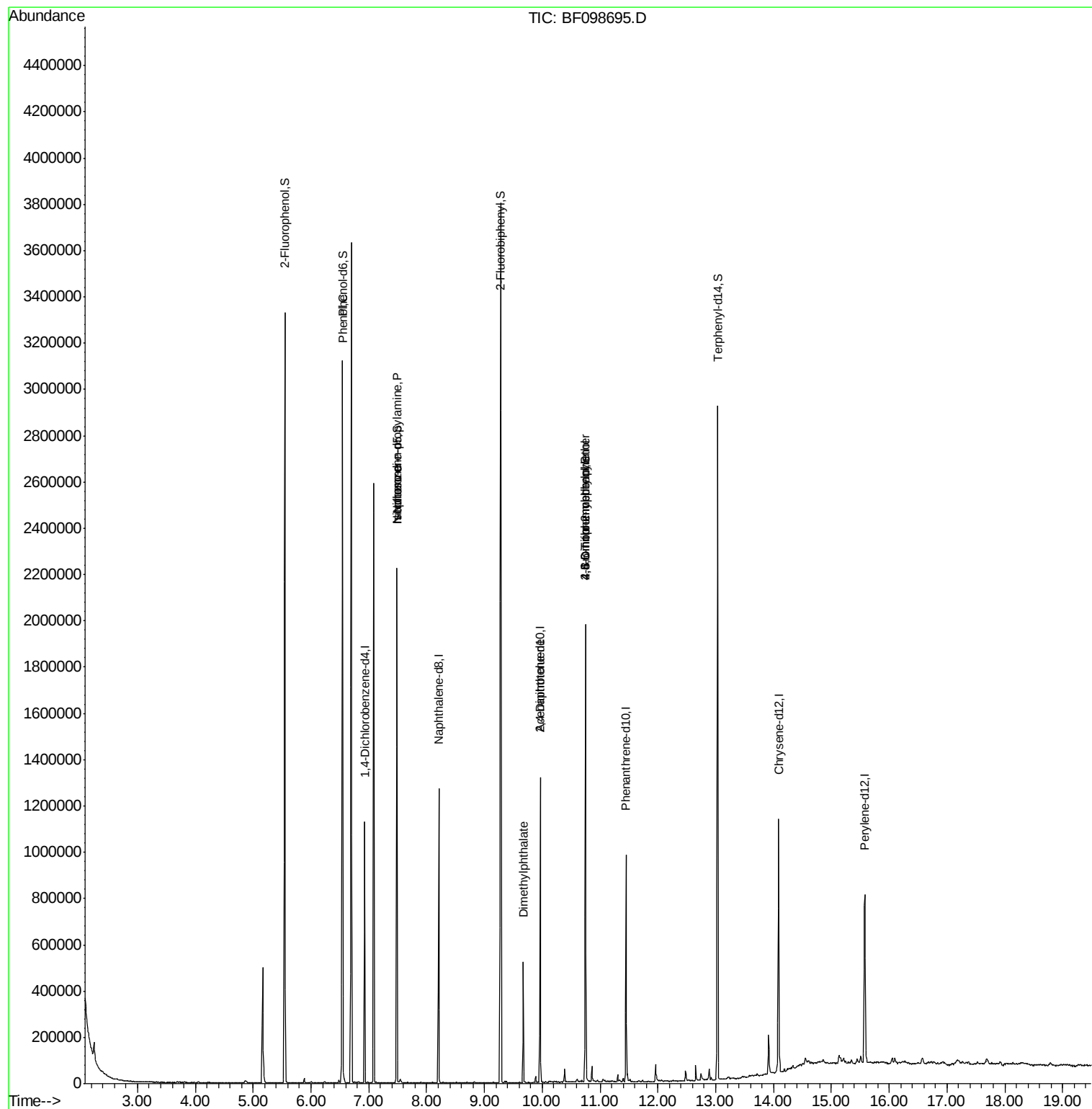
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	142405	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	566899	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	231078	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	342129	20.00	ng	0.00
75) Chrysene-d12	14.09	240	312718	20.00	ng	0.00
86) Perylene-d12	15.58	264	334752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1077802	114.93	ng	0.00
7) Phenol-d6	6.55	99	1314536	115.76	ng	0.00
23) Nitrobenzene-d5	7.49	82	733211	87.73	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	230840	109.23	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1201315	82.73	ng	0.00
78) Terphenyl-d14	13.03	244	866791	59.52	ng	0.00
Target Compounds						
10) Phenol	6.56	94	26848	2.142	ng	98
19) n-Nitroso-di-n-propylamine	7.49	70	97087	13.800	ng	# 78
25) Isophorone	7.49	82	731468	40.131	ng	# 64
49) Dimethylphthalate	9.67	163	187564	10.824	ng	99
56) 2,4-Dinitrotoluene	9.96	165	29485	6.419	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.75	198	551	9.212	ng	# 1
66) 4-Bromophenyl-phenylether	10.75	248	14451	4.183	ng	# 1

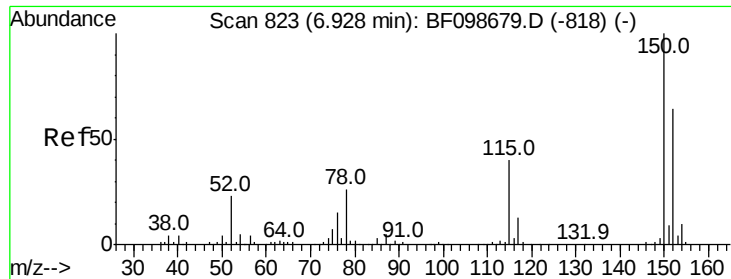
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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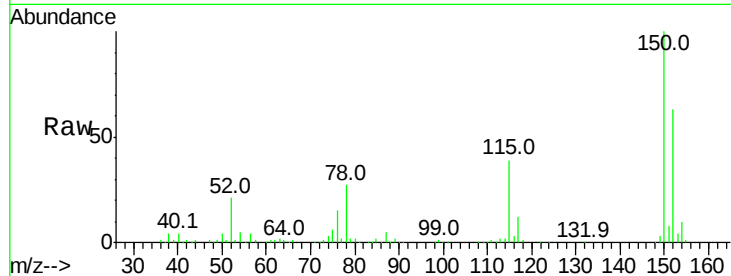


#1

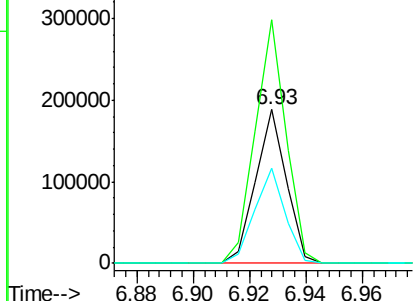
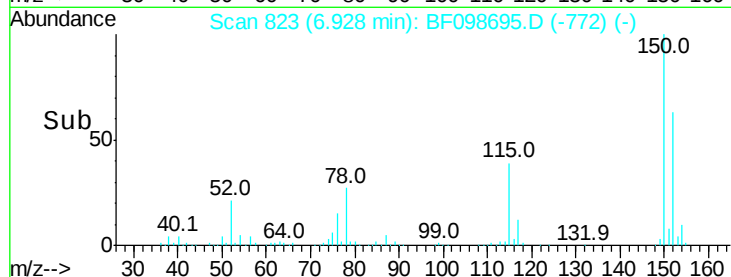
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF098695.D
Acq: 22 Sep 2017 13:01

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tot Ion:152 Resp: 142405
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 61.8 50.1 75.1



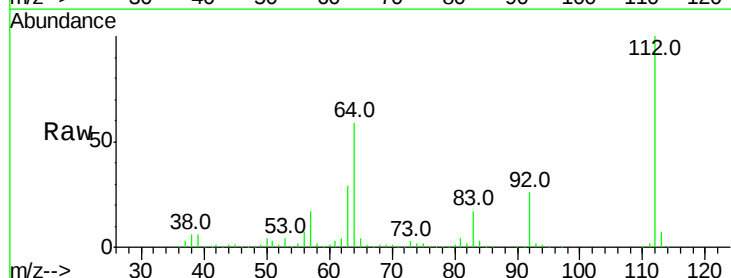
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



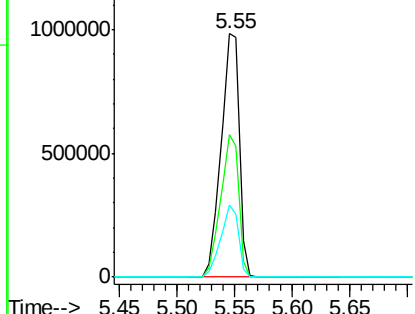
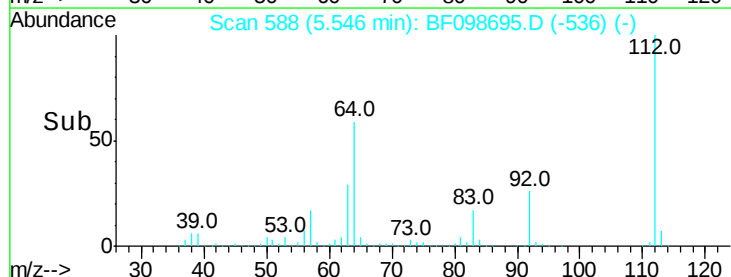
#5

2-Fluorophenol
Concen: 114.930 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098695.D
Acq: 22 Sep 2017 13:01

Tgt Ion:112 Resp: 1077802
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 29.4 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: 115.756 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF098695.D

Acq: 22 Sep 2017 13:01

Instrument :

BNA_F

ClientSampleId :

TP-5-COMP

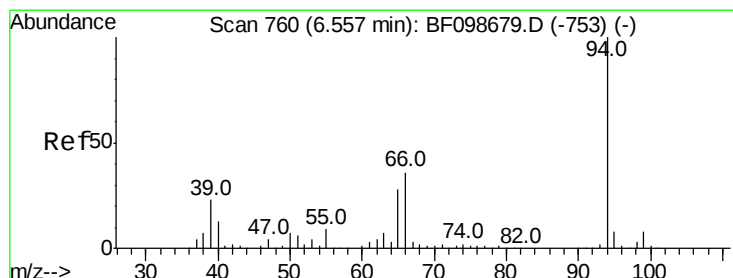
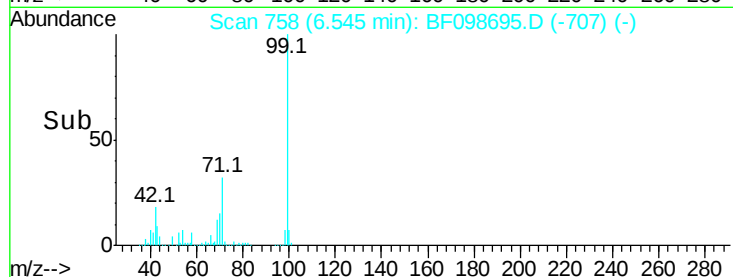
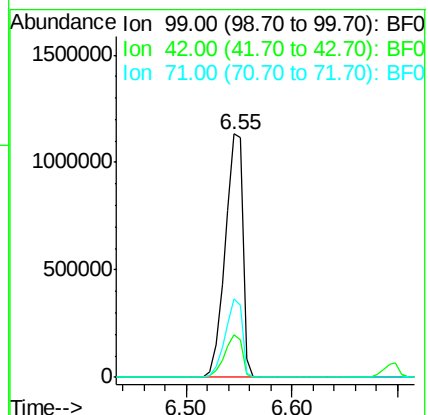
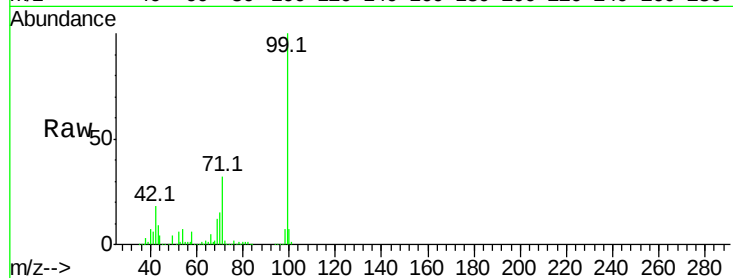
Tot Ion: 99 Resp: 1314536

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 32.2 25.4 38.0



#10

Phenol

Concen: 2.142 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF098695.D

Acq: 22 Sep 2017 13:01

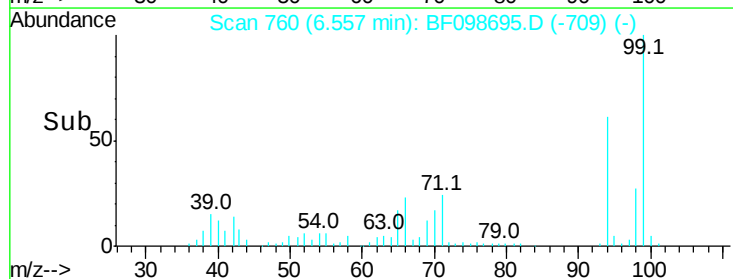
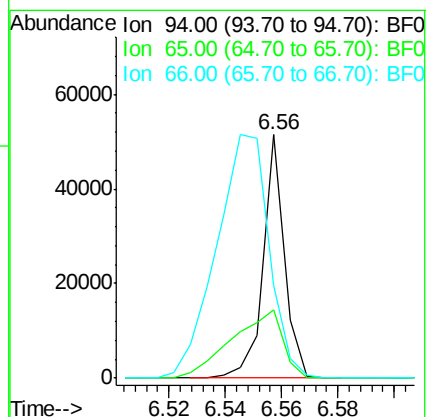
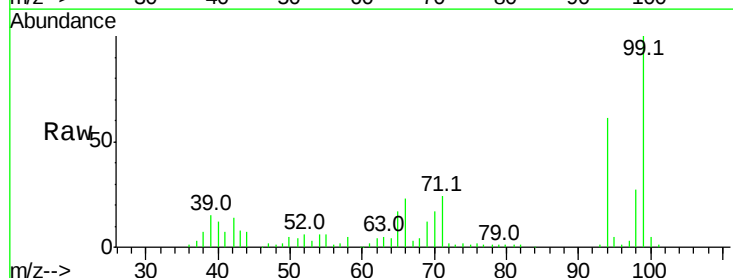
Tgt Ion: 94 Resp: 26848

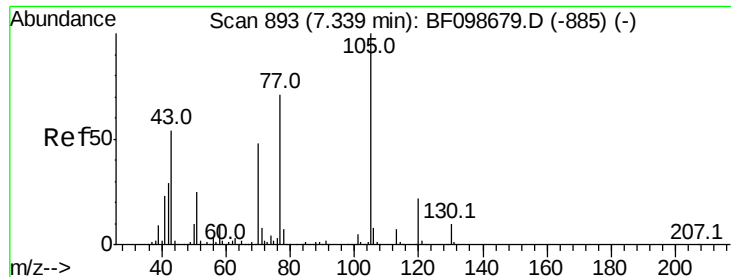
Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

66 38.0 16.2 56.2

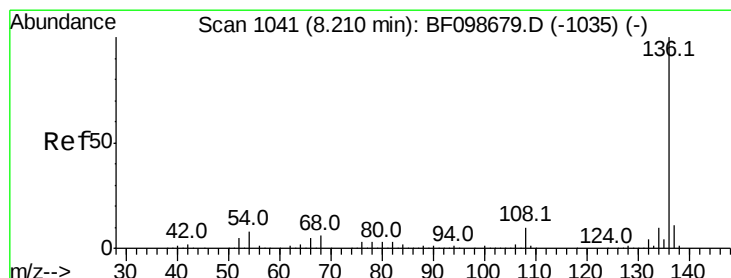
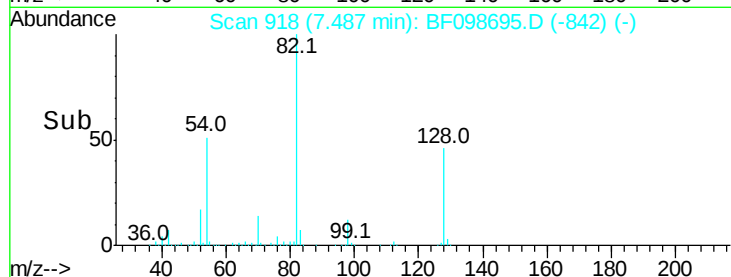
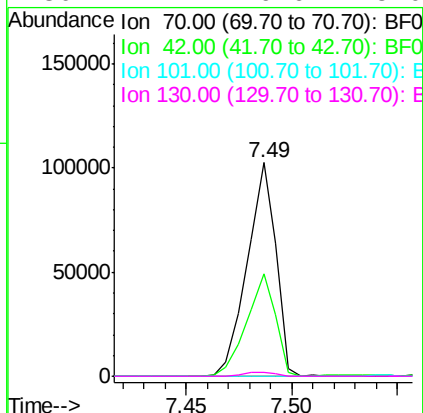
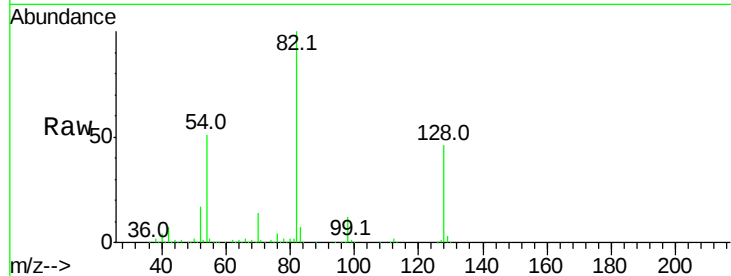




#19
n-Nitroso-di-n-propylamine
Concen: 13.800 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.15 min
Lab File: BF098695.D
Acq: 22 Sep 2017 13:01

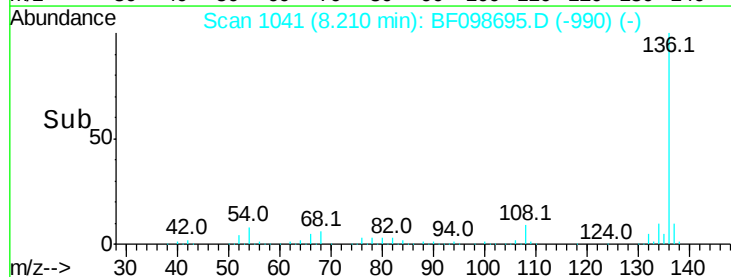
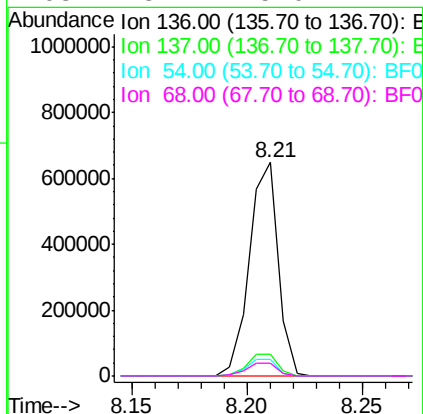
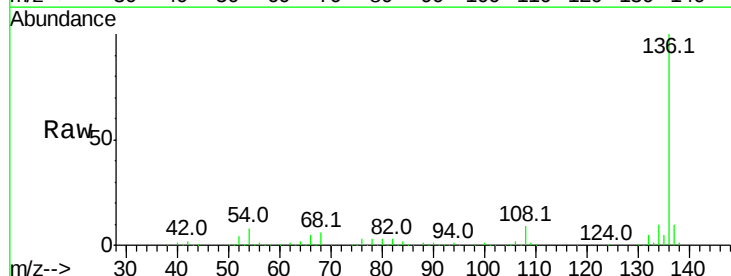
Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

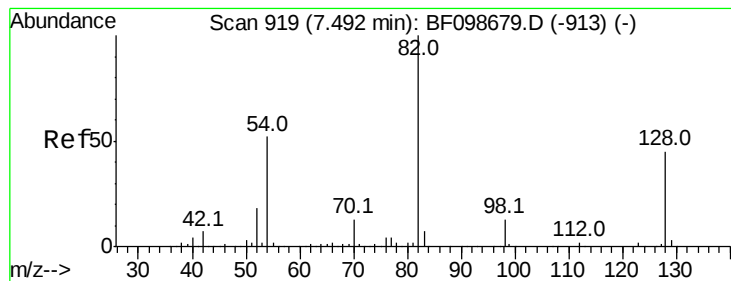
Tot Ion: 70 Resp: 97087
Ion Ratio Lower Upper
70 100
42 48.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF098695.D
Acq: 22 Sep 2017 13:01

Tgt Ion: 136 Resp: 566899
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.6 6.6 9.8
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 87.730 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF098695.D

Acq: 22 Sep 2017 13:01

Instrument :

BNA_F

ClientSampleId :

TP-5-COMP

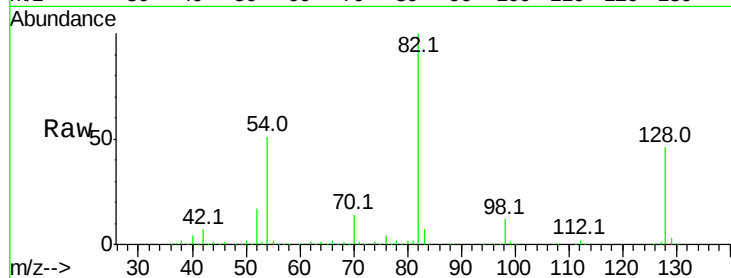
Tot Ion: 82 Resp: 733211

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

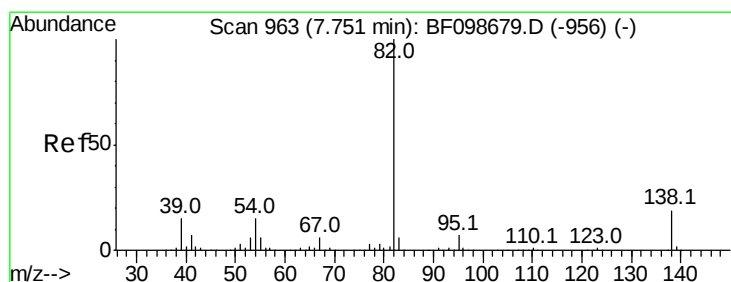
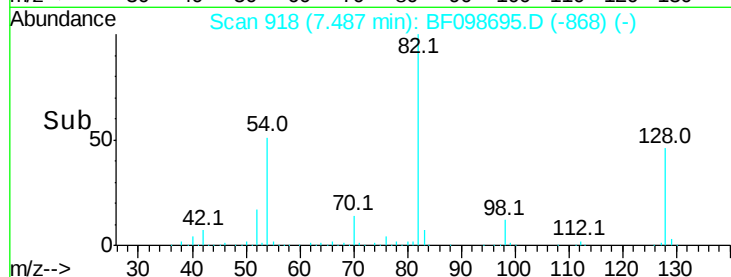
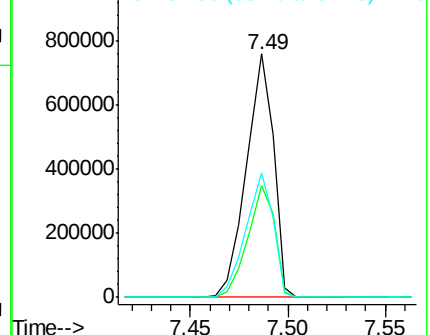
54 51.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 40.131 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.26 min

Lab File: BF098695.D

Acq: 22 Sep 2017 13:01

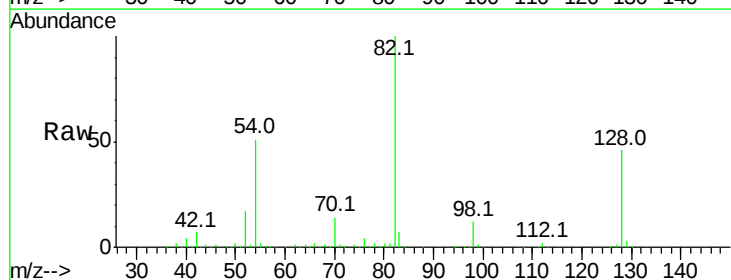
Tgt Ion: 82 Resp: 731468

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

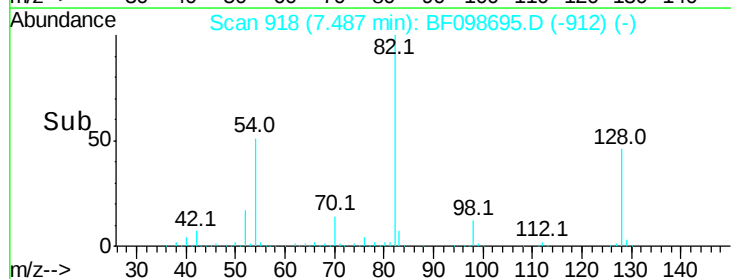
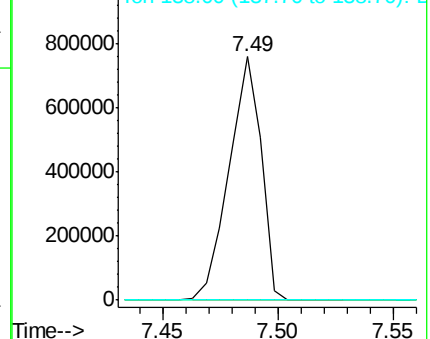
138 0.0 14.9 22.3#

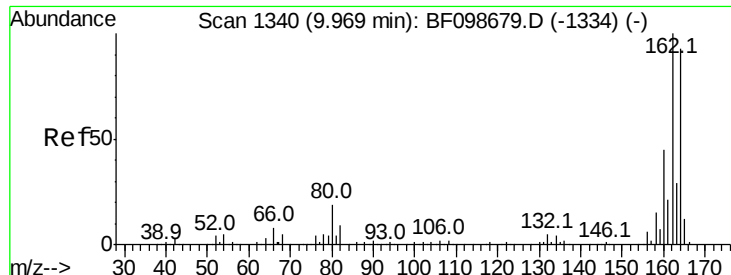


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

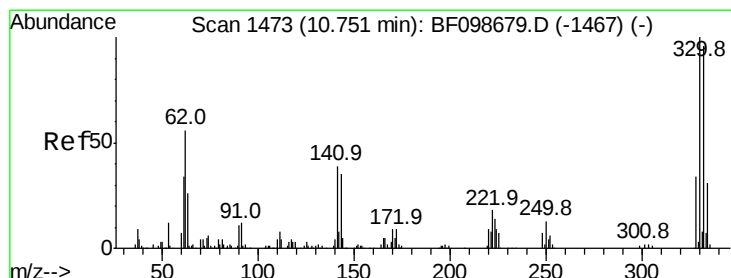
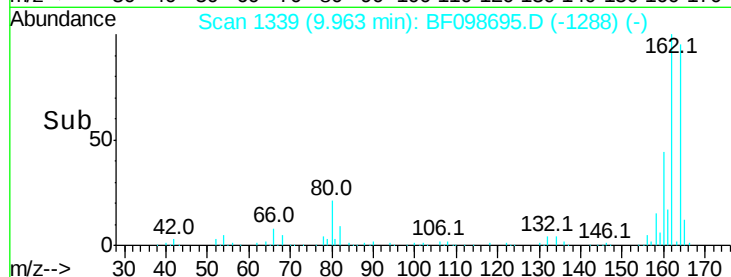
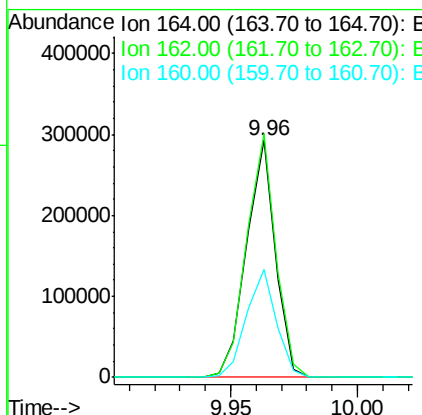
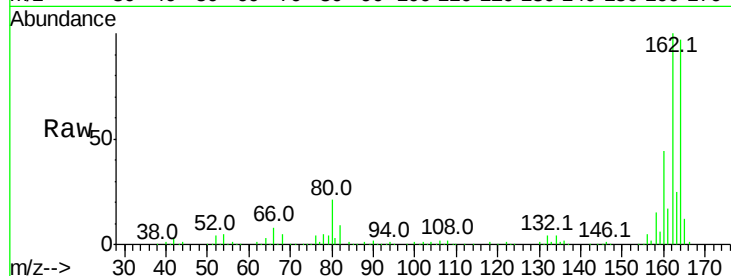




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF098695.D
Acq: 22 Sep 2017 13:01

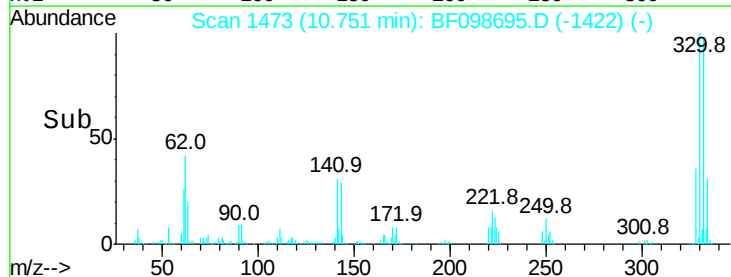
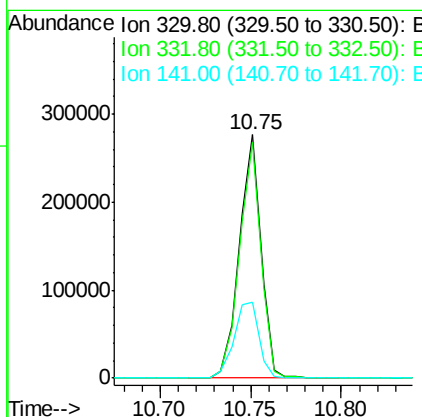
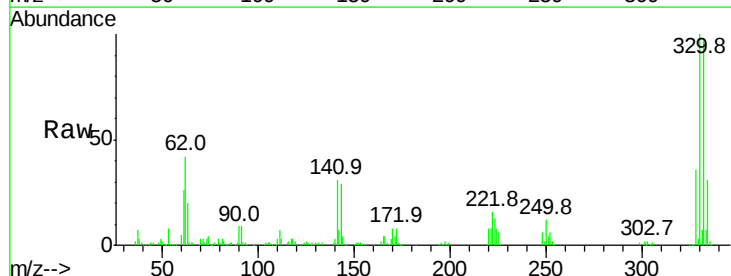
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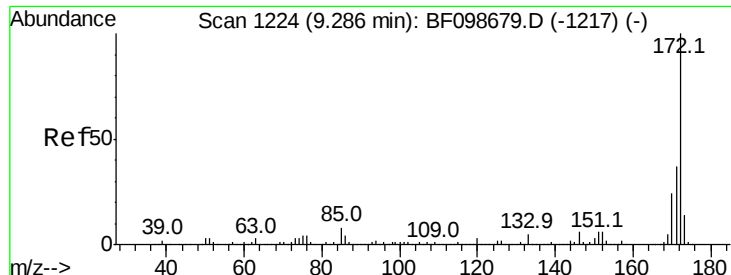
Tot Ion:164 Resp: 231078
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 45.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 109.234 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF098695.D
Acq: 22 Sep 2017 13:01

Tgt Ion:330 Resp: 230840
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 36.1 29.9 44.9

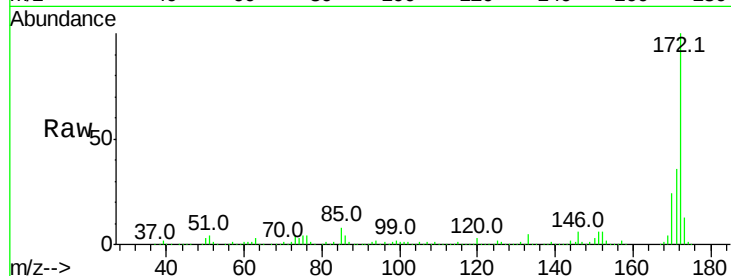




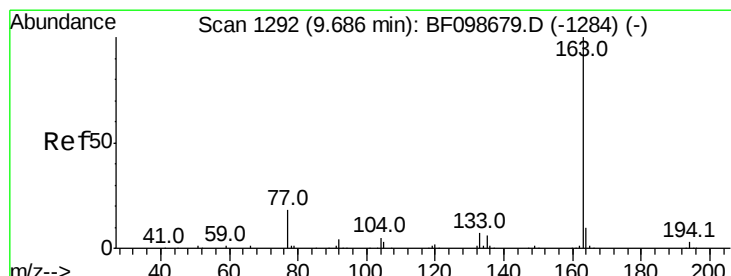
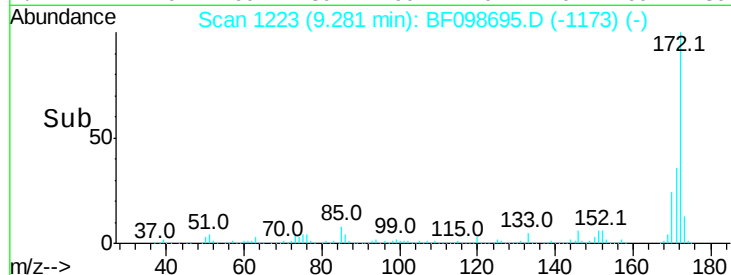
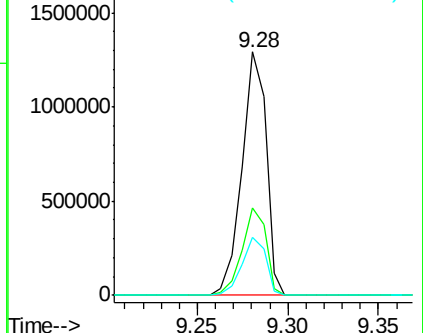
#44
2-Fluorobiphenyl
Concen: 82.727 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF098695.D
Acq: 22 Sep 2017 13:01

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tot Ion:172 Resp: 1201315
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.6 19.6 29.4

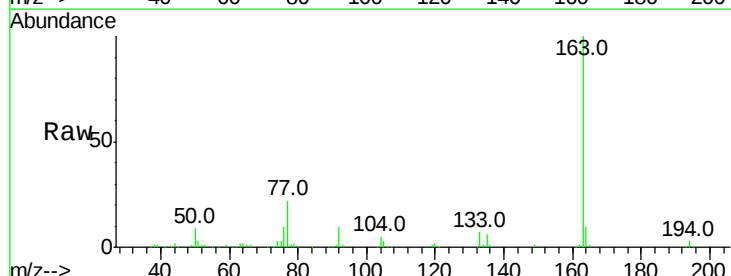


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

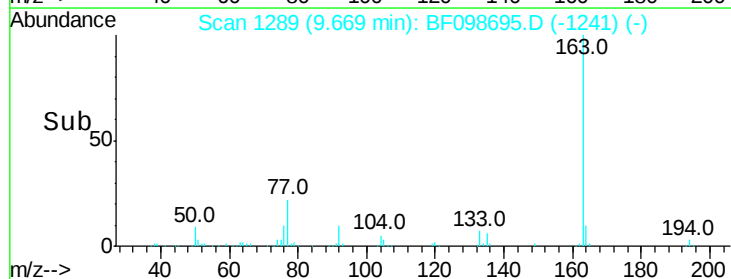
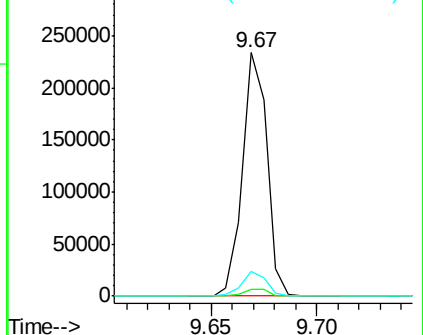


#49
Dimethylphthalate
Concen: 10.824 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BF098695.D
Acq: 22 Sep 2017 13:01

Tgt Ion:163 Resp: 187564
Ion Ratio Lower Upper
163 100
194 2.8 2.7 4.1
164 10.3 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

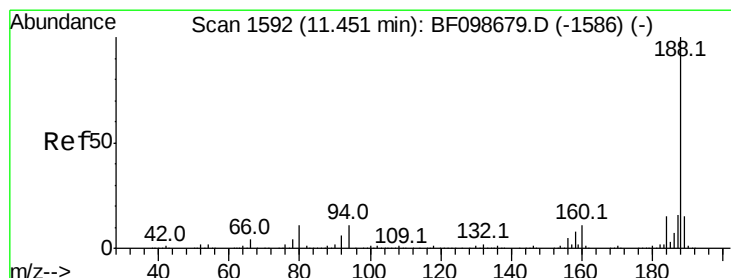
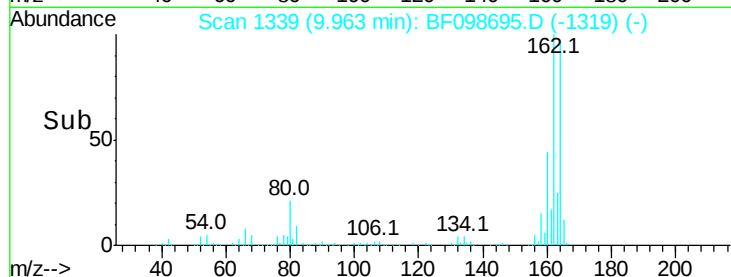
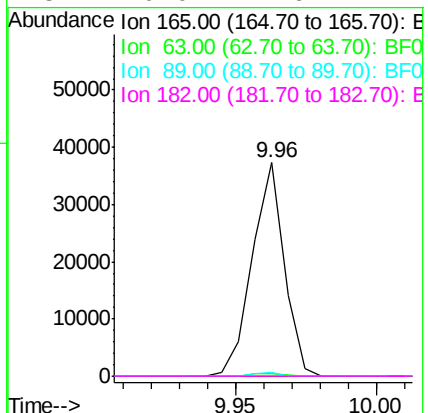
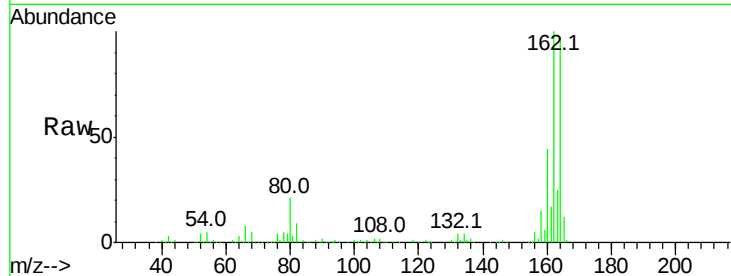




#56
 2,4-Dinitrotoluene
 Concen: 6.419 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.18 min
 Lab File: BF098695.D
 Acq: 22 Sep 2017 13:01

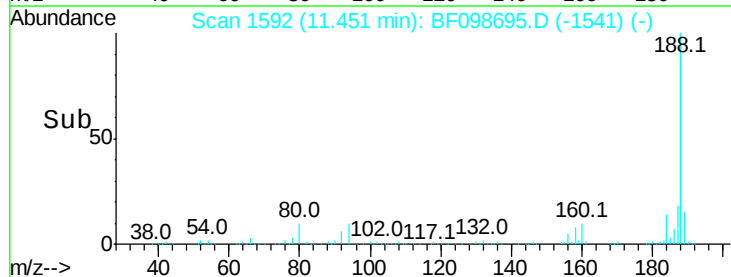
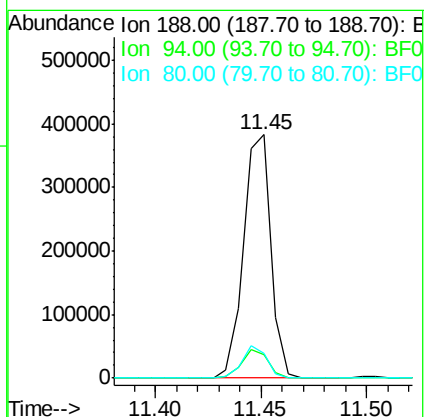
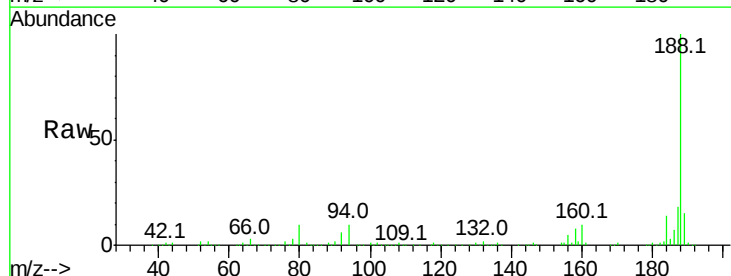
Instrument :
 BNA_F
 ClientSampleId :
 TP-5-COMP

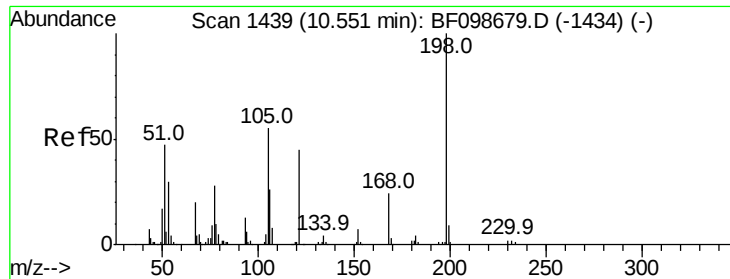
Tot Ion:165 Resp: 29485
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF098695.D
 Acq: 22 Sep 2017 13:01

Tgt Ion:188 Resp: 342129
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 10.0 9.2 13.8

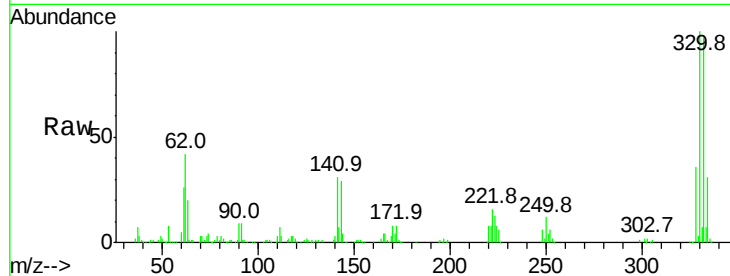




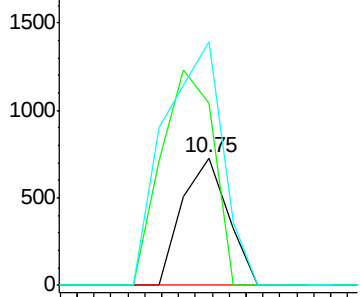
#64
4,6-Dinitro-2-methylphenol
Concen: 9.212 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.20 min
Lab File: BF098695.D
Acq: 22 Sep 2017 13:01

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

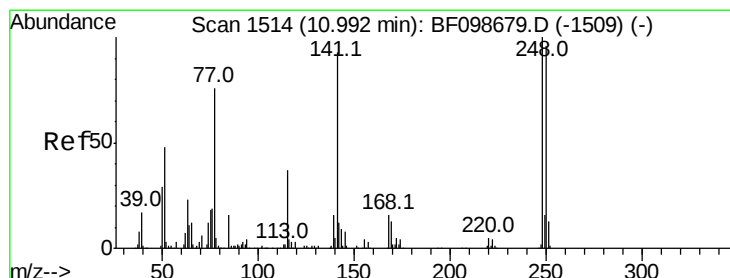
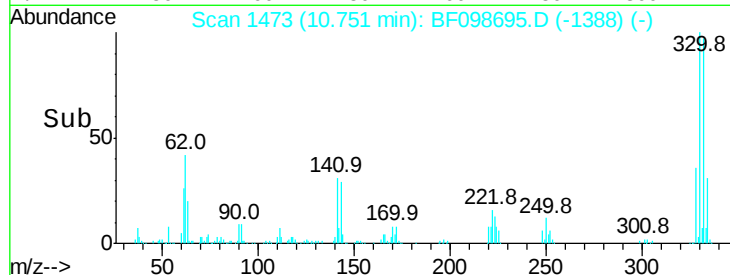
Tot Ion:198 Resp: 551
Ion Ratio Lower Upper
198 100
51 143.1 37.7 77.7#
105 191.3 36.3 76.3#



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

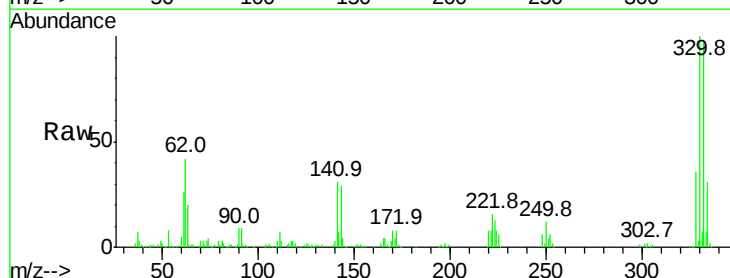


Time--> 10.72 10.74 10.76 10.78

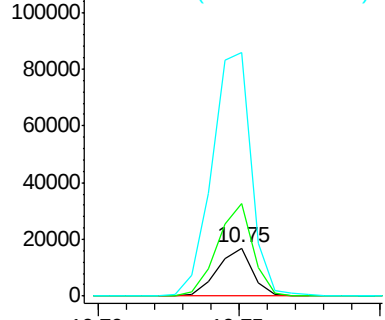


#66
4-Bromophenyl-phenylether
Concen: 4.183 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.24 min
Lab File: BF098695.D
Acq: 22 Sep 2017 13:01

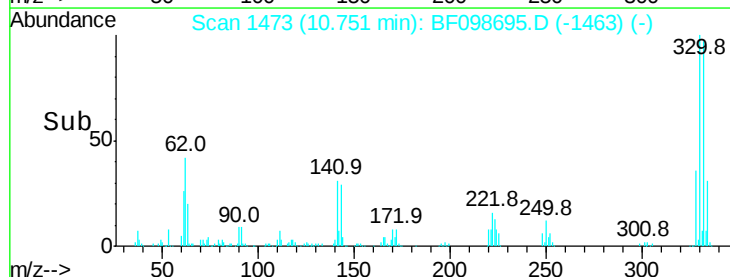
Tgt Ion:248 Resp: 14451
Ion Ratio Lower Upper
248 100
250 192.4 76.9 115.3#
141 508.1 74.4 111.6#

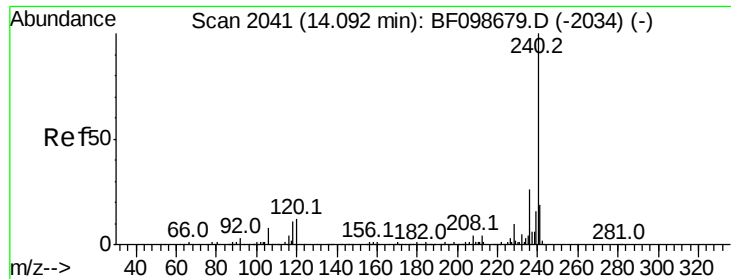


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time--> 10.70 10.75





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF098695.D

Acq: 22 Sep 2017 13:01

Instrument :

BNA_F

ClientSampleId :

TP-5-COMP

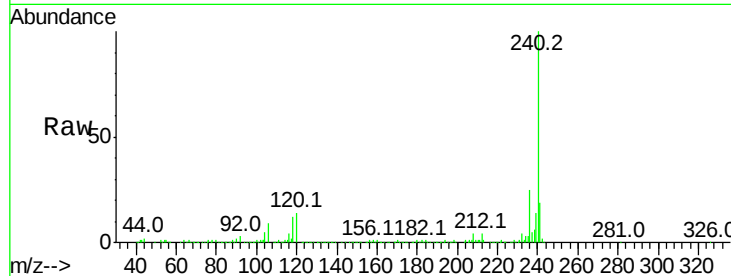
Tot Ion:240 Resp: 312718

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

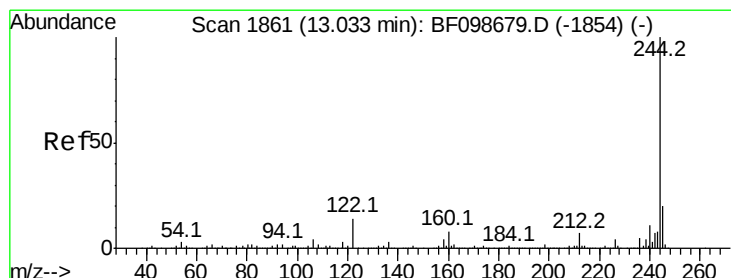
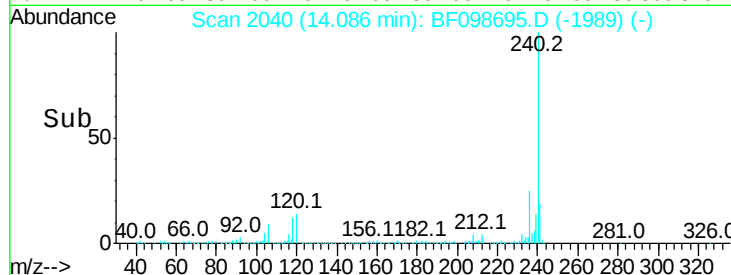
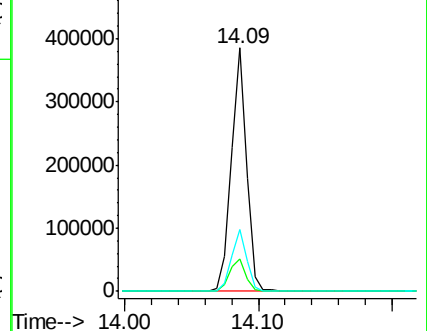
236 25.3 20.7 31.1



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: 59.517 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BF098695.D

Acq: 22 Sep 2017 13:01

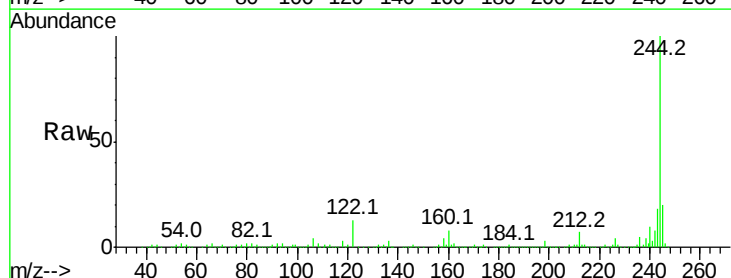
Tgt Ion:244 Resp: 866791

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

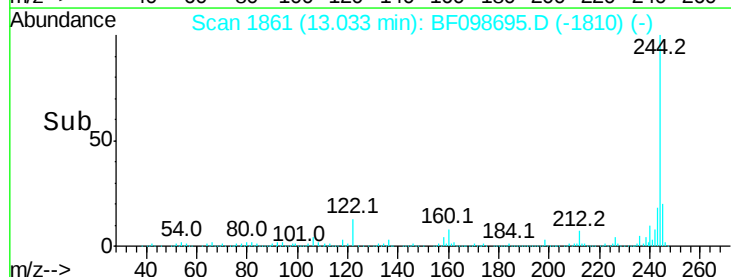
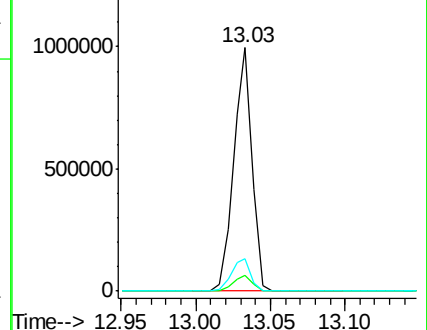
122 13.3 11.0 16.4

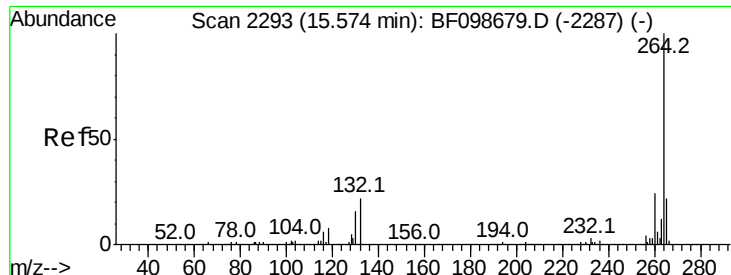


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

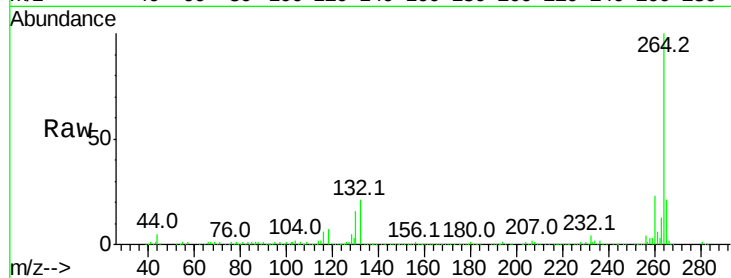




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098695.D
Acq: 22 Sep 2017 13:01

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.0	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

