

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101755.D
 Acq On : 27 Dec 2017 10:56
 Operator : SJ/JU
 Sample : I7010-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 12:12:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

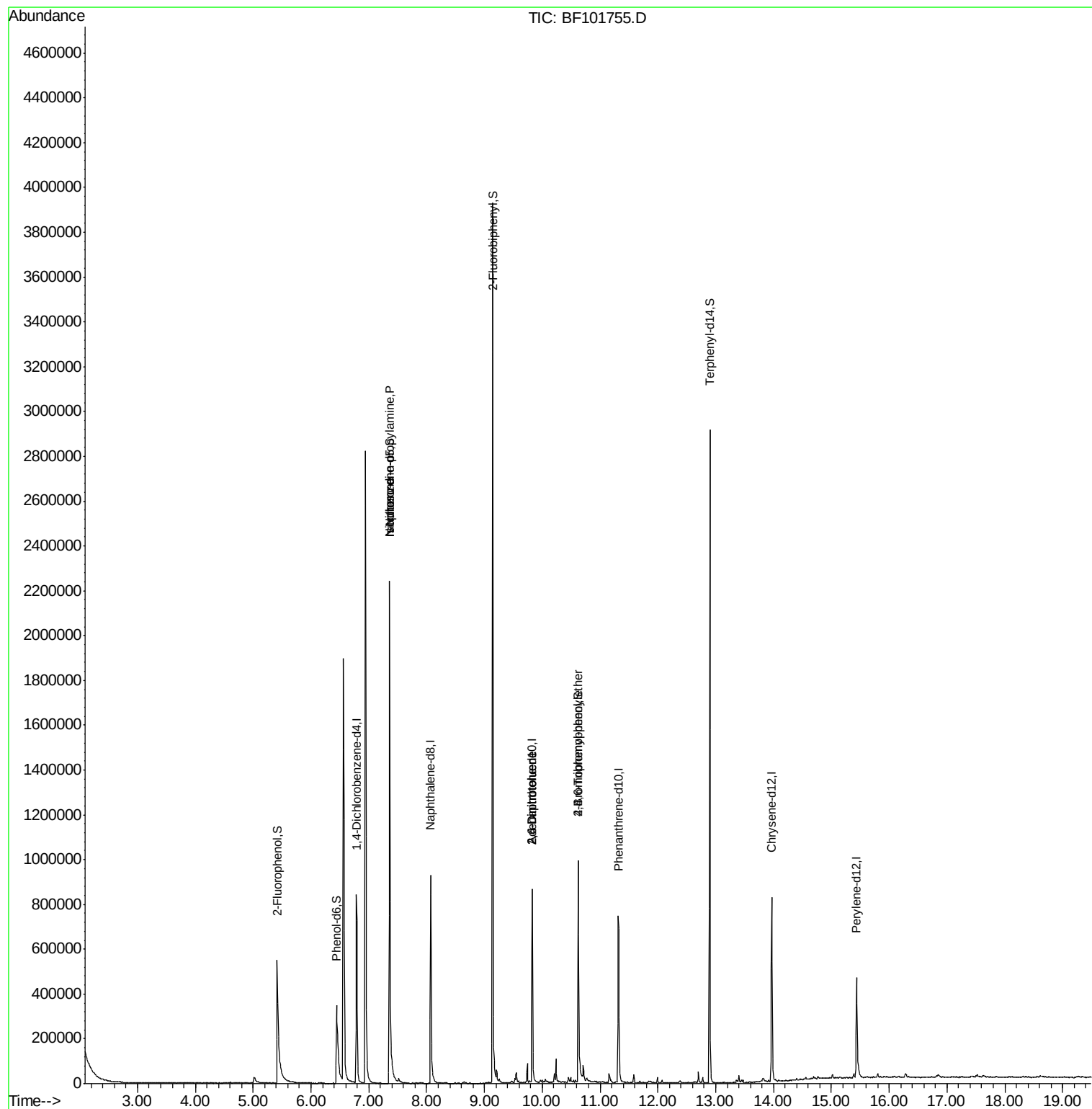
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	143523	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	536043	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	199699	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	321386	20.00	ng	0.00
75) Chrysene-d12	13.97	240	312103	20.00	ng	0.00
86) Perylene-d12	15.44	264	261775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	340904	35.38	ng	0.01
7) Phenol-d6	6.45	99	278985	23.27	ng	0.01
23) Nitrobenzene-d5	7.36	82	883122	91.71	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	150954	78.45	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1352699	105.08	ng	0.00
78) Terphenyl-d14	12.90	244	1006037	77.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	115186	14.627	ng	# 81
25) Isophorone	7.36	82	883122	45.716	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	24926	7.635	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	24926	6.777	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	9962	2.759	ng	# 1

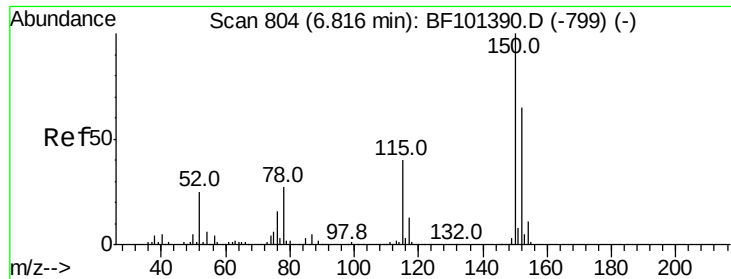
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101755.D
Acq On : 27 Dec 2017 10:56
Operator : SJ/JU
Sample : I7010-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 27 12:12:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration



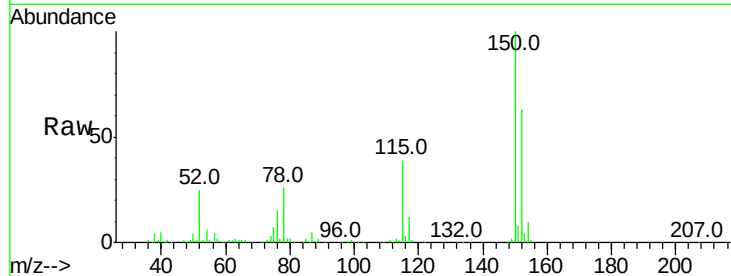


#1

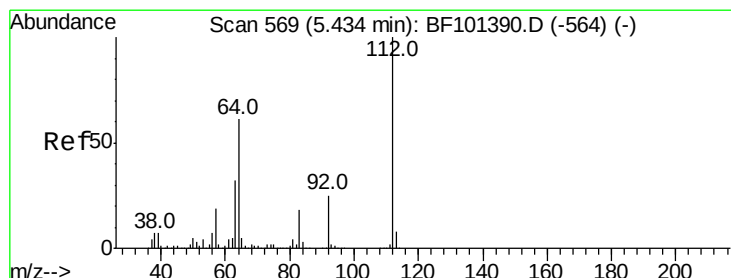
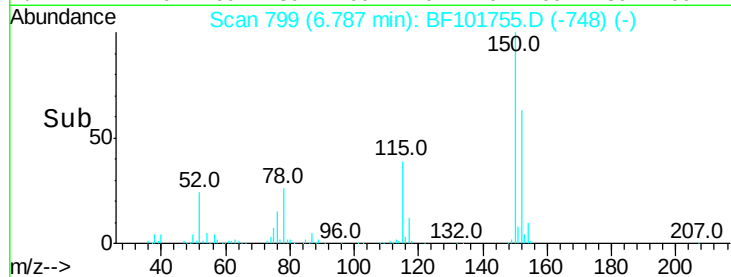
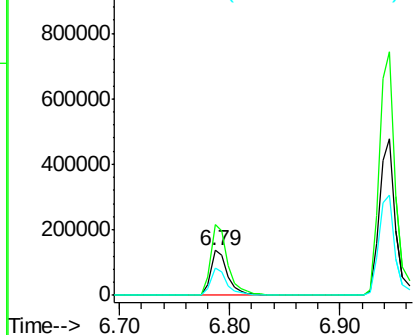
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101755.D
Acq: 27 Dec 2017 10:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 143523
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 61.9 50.1 75.1



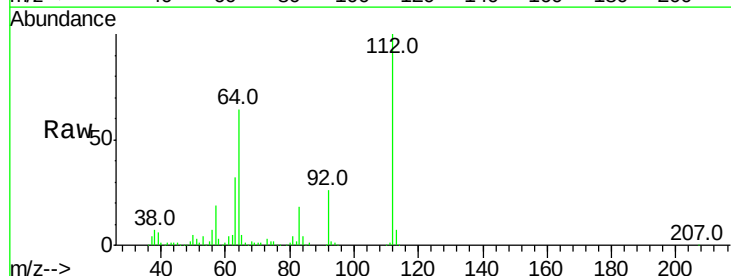
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



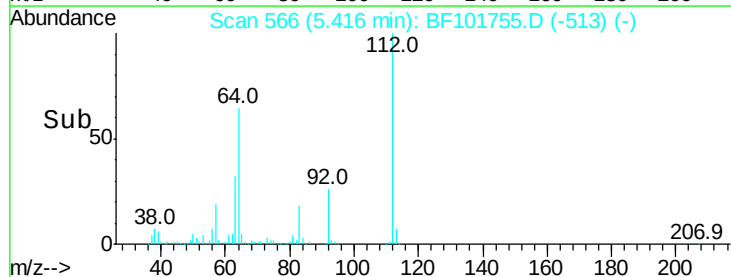
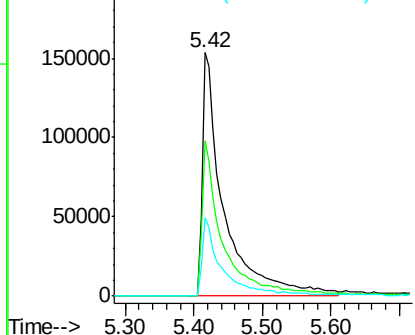
#5

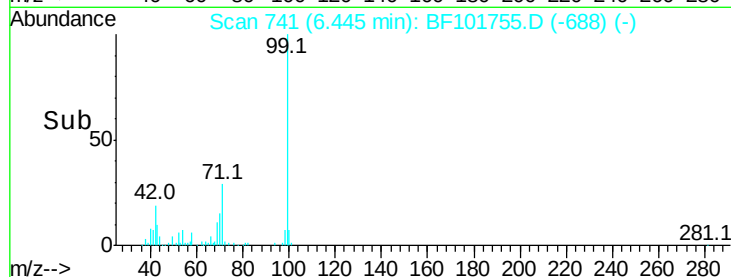
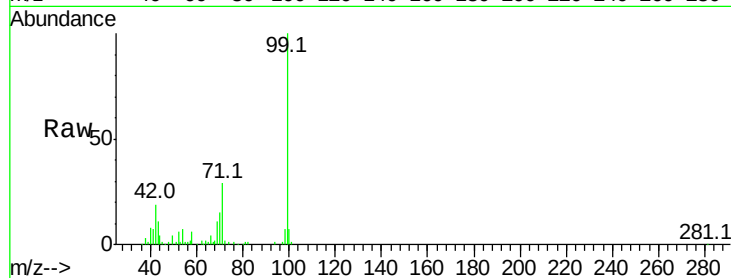
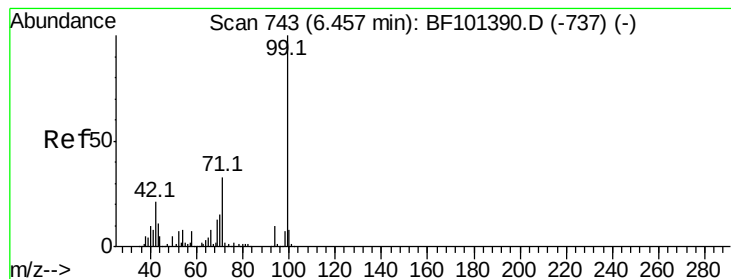
2-Fluorophenol
Concen: 35.381 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101755.D
Acq: 27 Dec 2017 10:56

Tgt Ion:112 Resp: 340904
Ion Ratio Lower Upper
112 100
64 63.5 47.9 71.9
63 32.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 23.266 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101755.D

Acq: 27 Dec 2017 10:56

Instrument :

BNA_F

ClientSampleId :

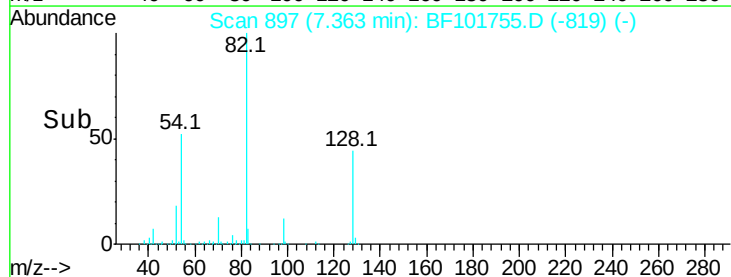
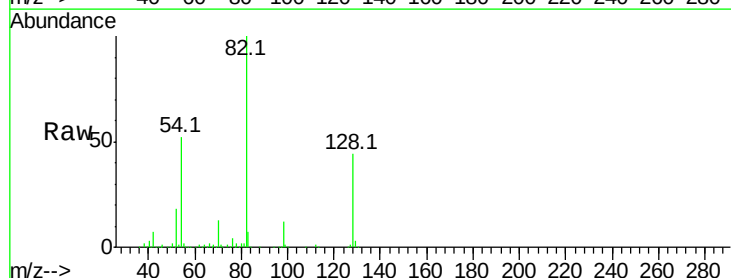
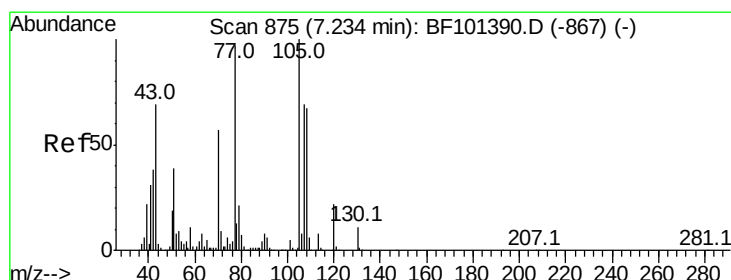
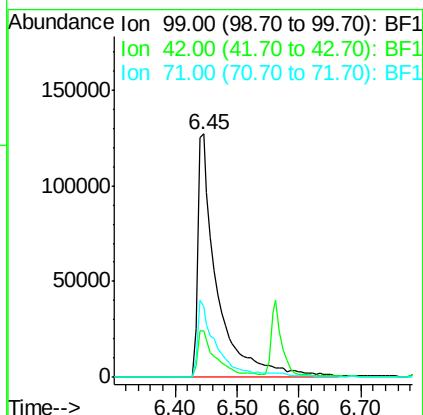
Tot Ion: 99 Resp: 278985

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 29.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.627 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF101755.D

Acq: 27 Dec 2017 10:56

Tgt Ion: 70 Resp: 115186

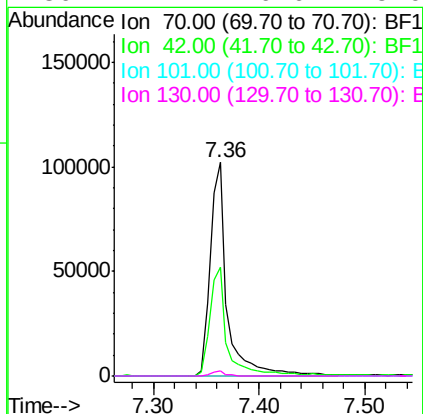
Ion Ratio Lower Upper

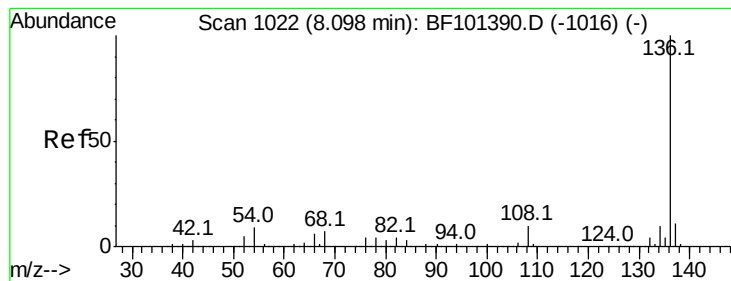
70 100

42 51.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF101755.D

Acq: 27 Dec 2017 10:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 536043

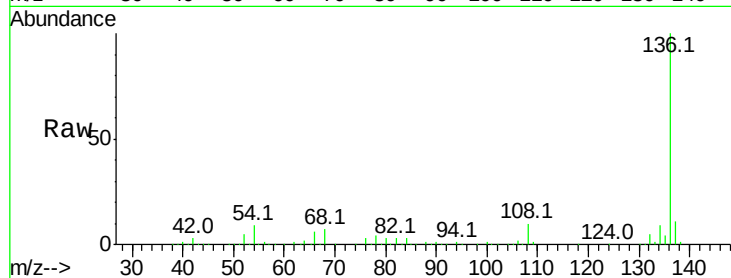
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.3 6.6 9.8

68 6.9 5.0 7.4

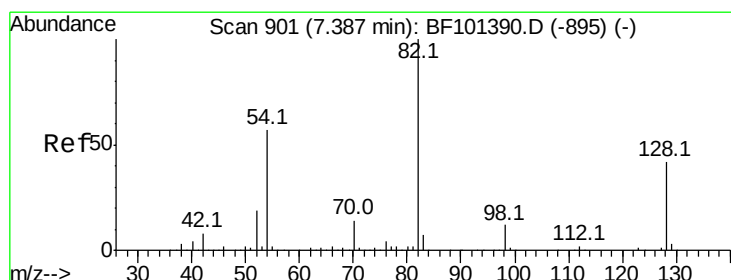
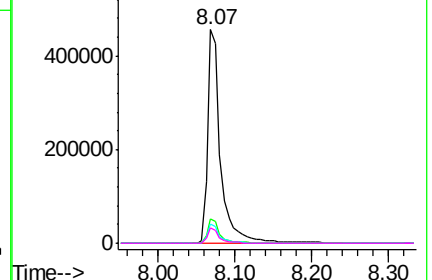
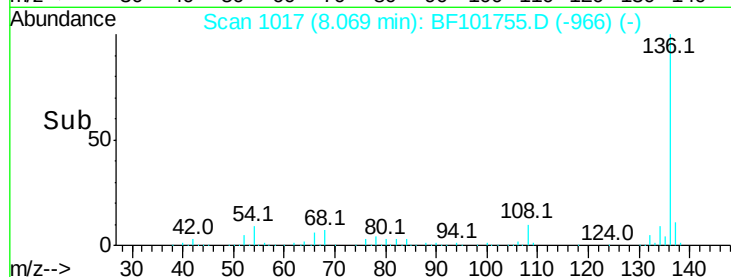


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 91.708 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF101755.D

Acq: 27 Dec 2017 10:56

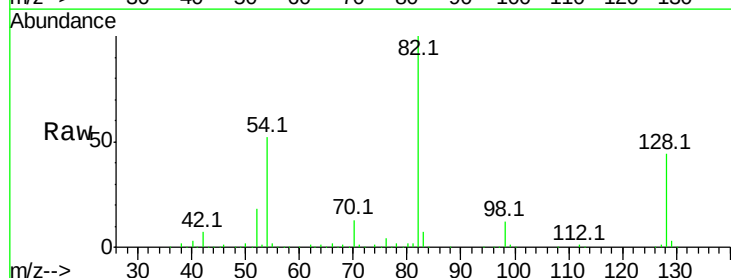
Tgt Ion: 82 Resp: 883122

Ion Ratio Lower Upper

82 100

128 44.2 36.1 54.1

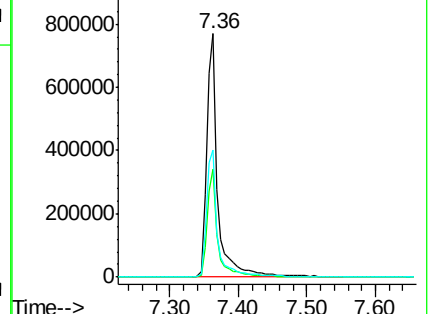
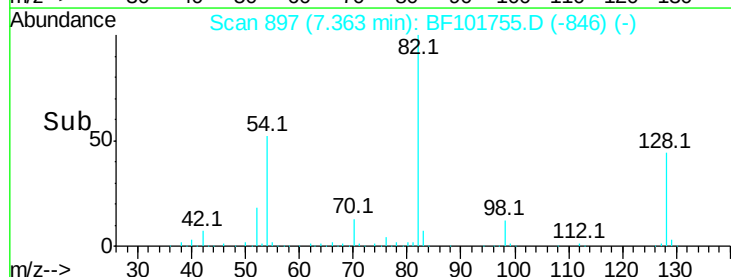
54 52.4 41.4 62.2

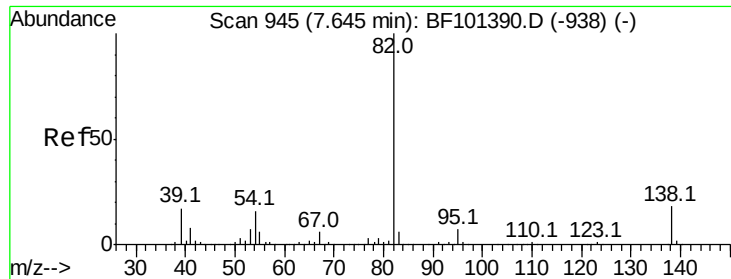


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.716 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF101755.D

Acq: 27 Dec 2017 10:56

Instrument :

BNA_F

ClientSampled :

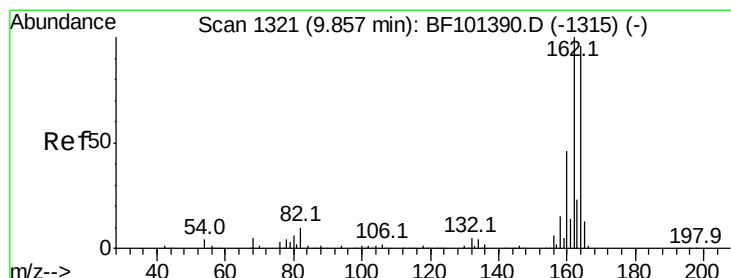
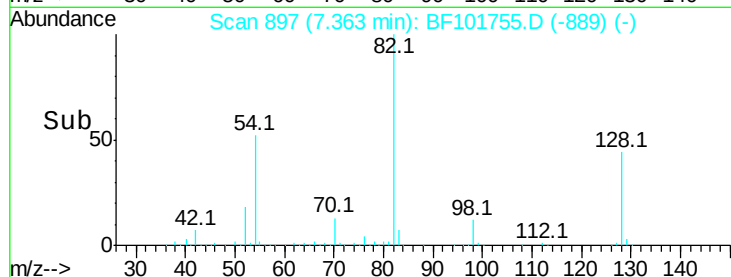
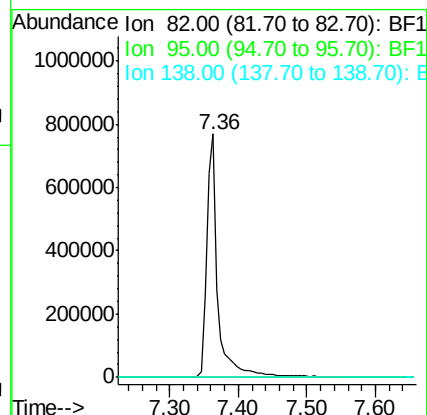
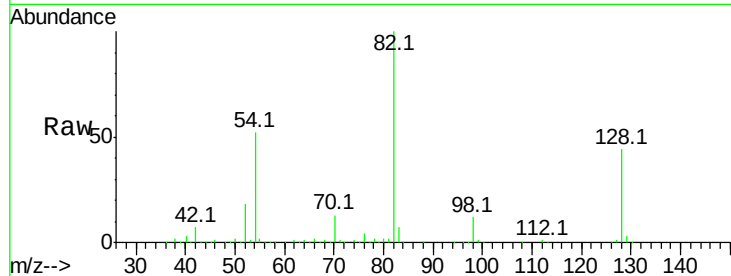
Tot Ion: 82 Resp: 883122

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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101755.D

Acq: 27 Dec 2017 10:56

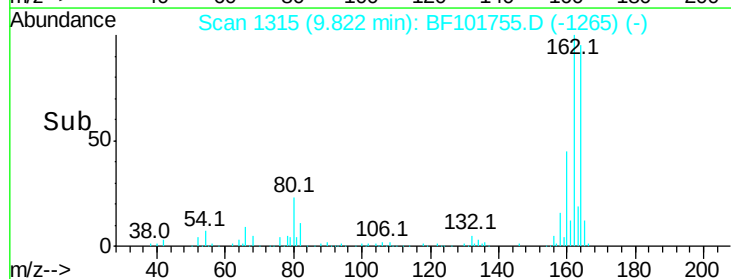
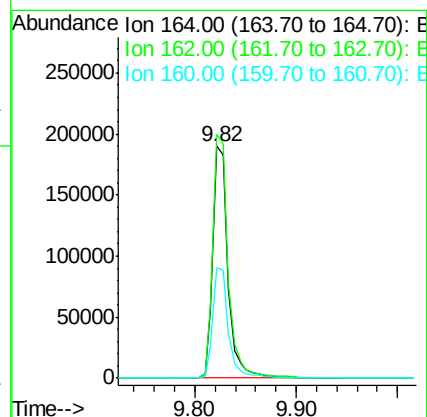
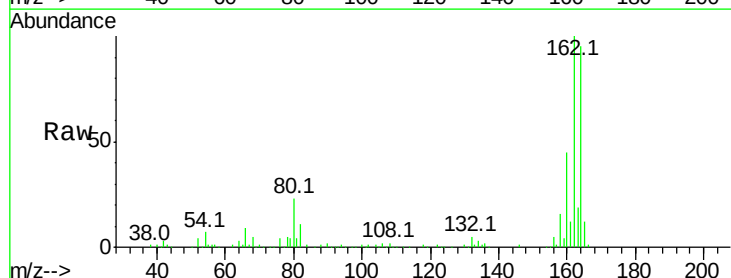
Tgt Ion:164 Resp: 199699

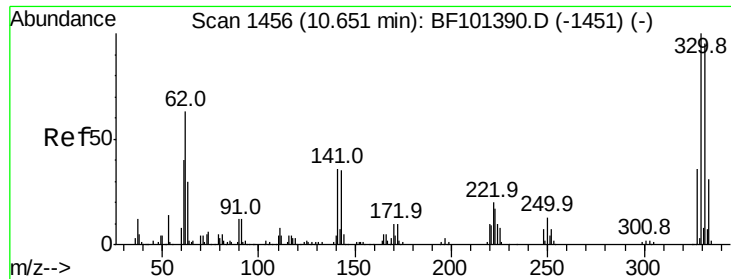
Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

160 47.5 38.3 57.5

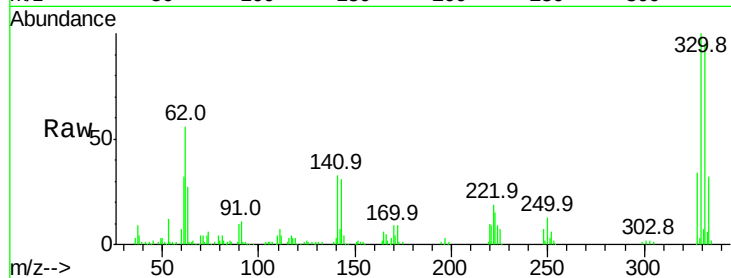




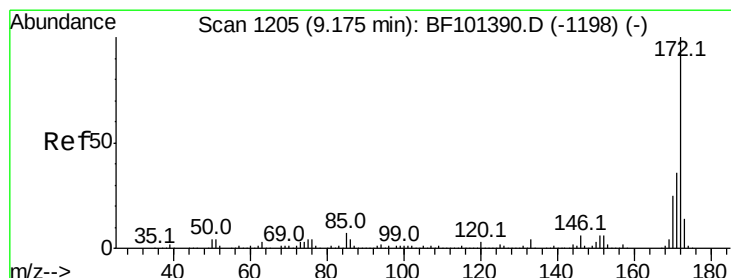
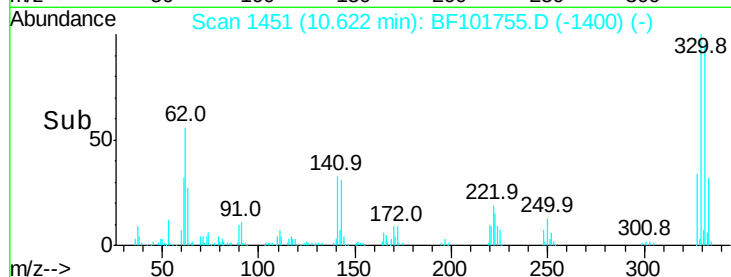
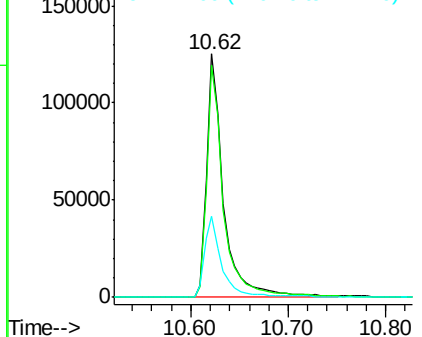
#41
 2,4,6-Tribromophenol
 Concen: 78.448 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101755.D
 Acq: 27 Dec 2017 10:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 150954
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 34.5 29.9 44.9

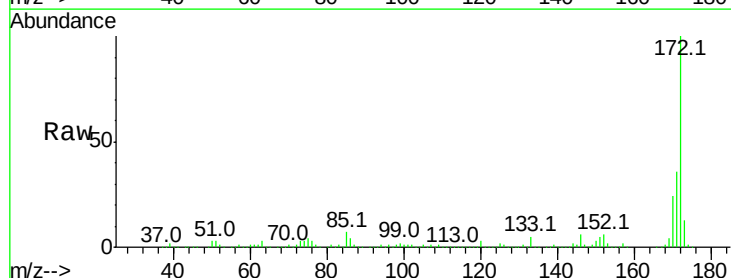


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

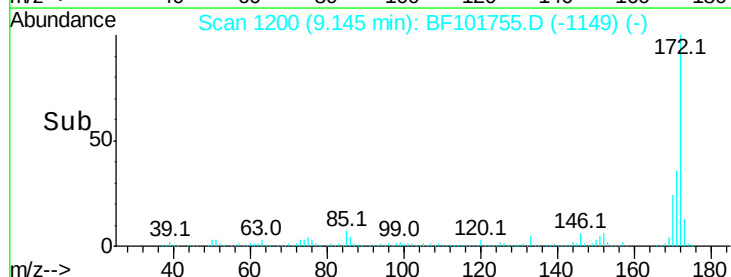
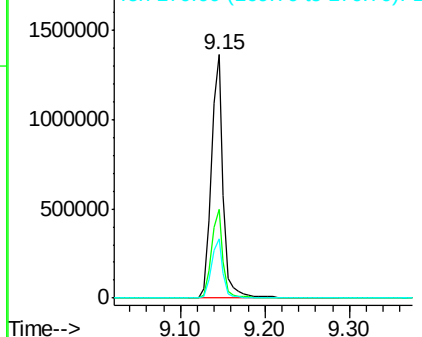


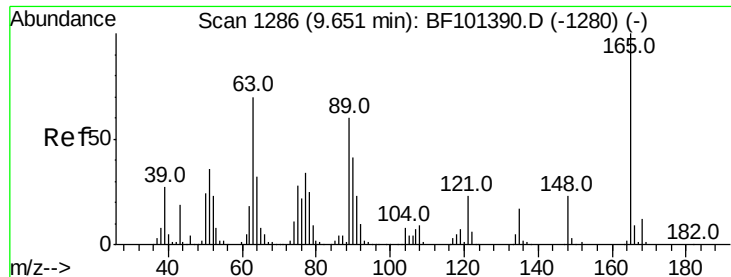
#44
 2-Fluorobiphenyl
 Concen: 105.076 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101755.D
 Acq: 27 Dec 2017 10:56

Tgt Ion:172 Resp: 1352699
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.3 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

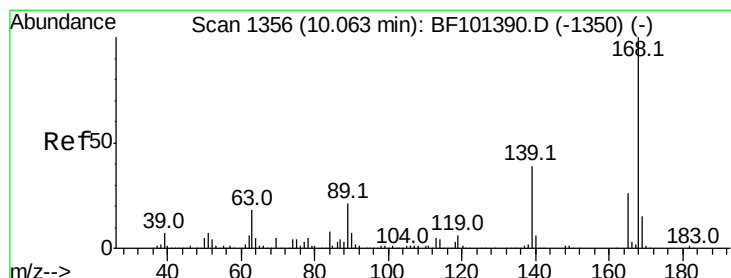
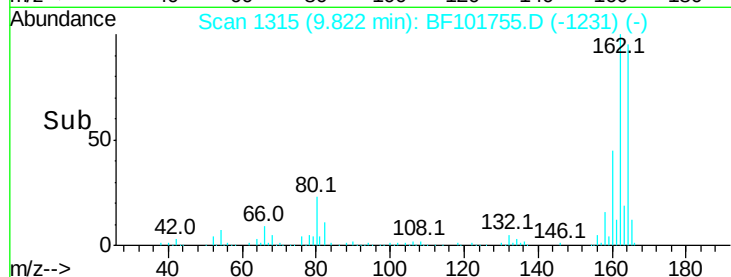
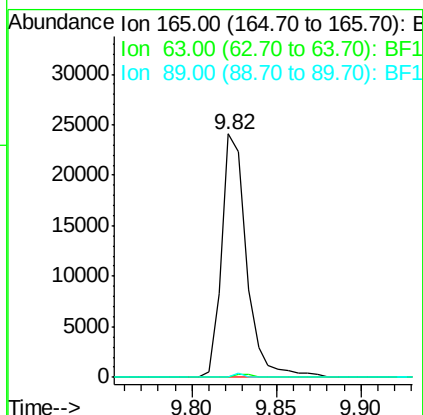
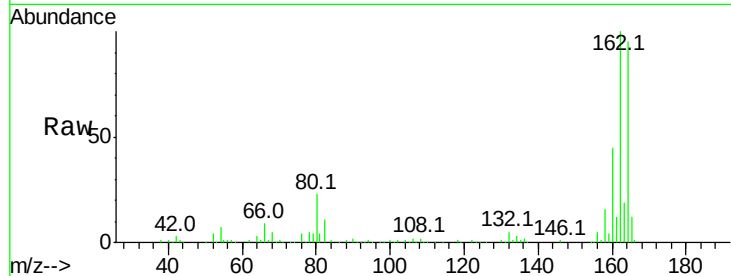




#50
2,6-Dinitrotoluene
Concen: 7.635 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101755.D
Acq: 27 Dec 2017 10:56

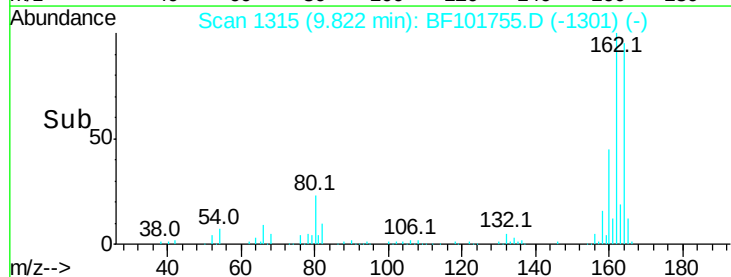
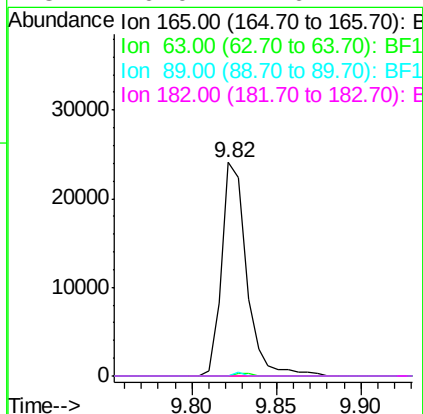
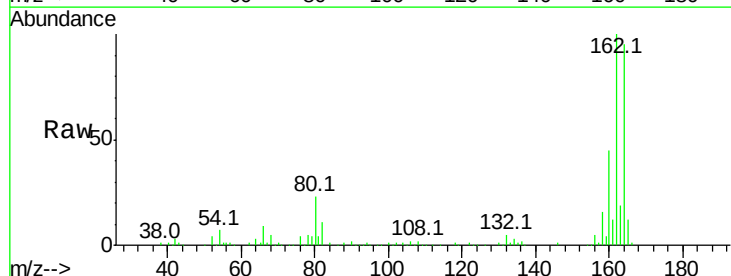
Instrument :
BNA_F
ClientSampleId :

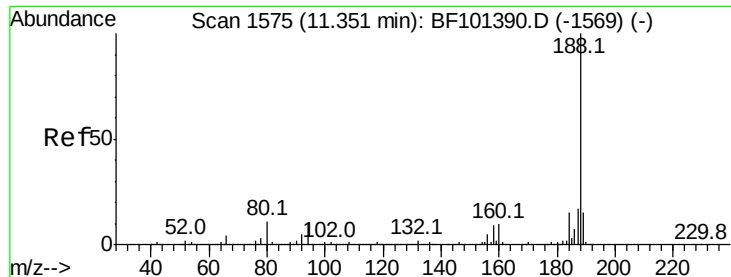
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.777 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101755.D
Acq: 27 Dec 2017 10:56

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF101755.D

Acq: 27 Dec 2017 10:56

Instrument :

BNA_F

ClientSampleId :

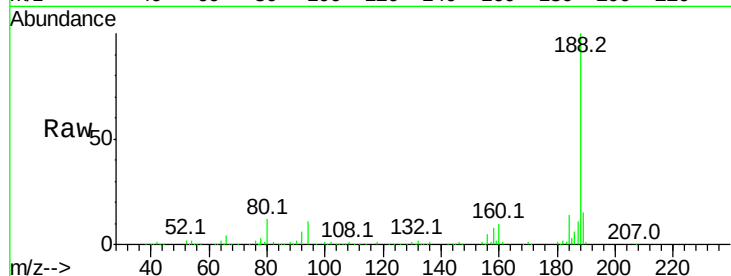
Tot Ion:188 Resp: 321386

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

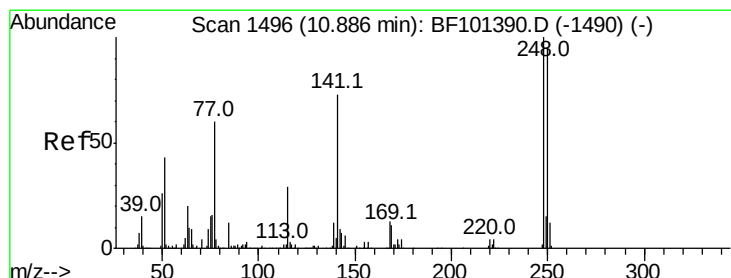
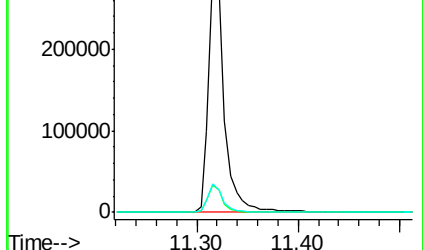
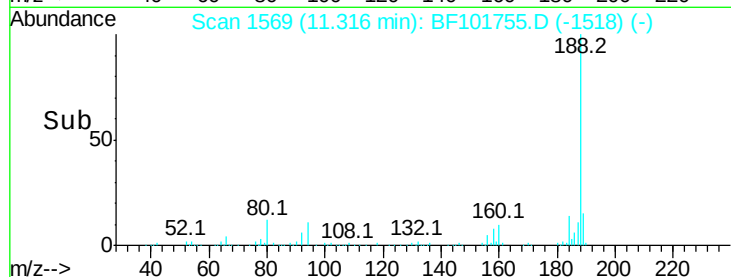
80 11.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#66

4-Bromophenyl-phenylether

Concen: 2.759 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.23 min

Lab File: BF101755.D

Acq: 27 Dec 2017 10:56

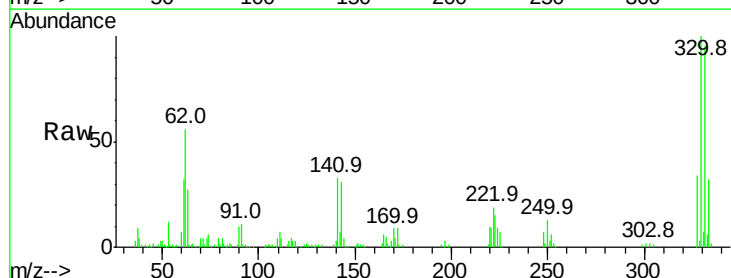
Tgt Ion:248 Resp: 9962

Ion Ratio Lower Upper

248 100

250 180.2 76.9 115.3#

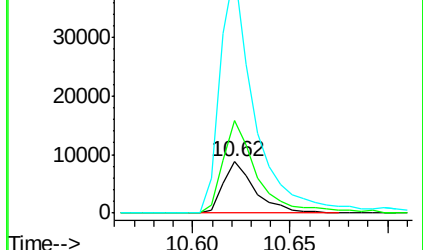
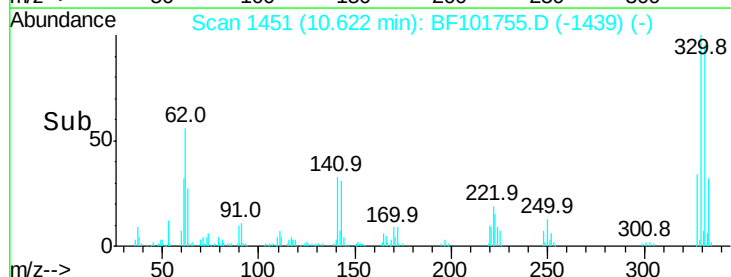
141 474.0 74.4 111.6#

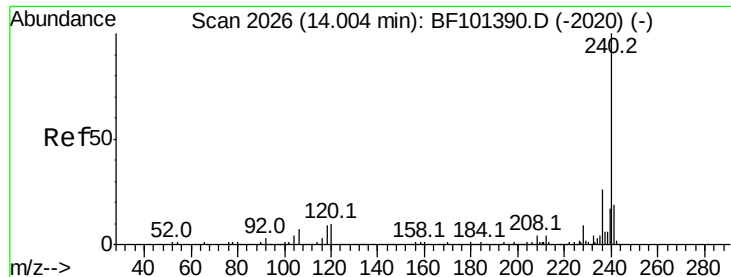


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF101755.D

Acq: 27 Dec 2017 10:56

Instrument :

BNA_F

ClientSampleId :

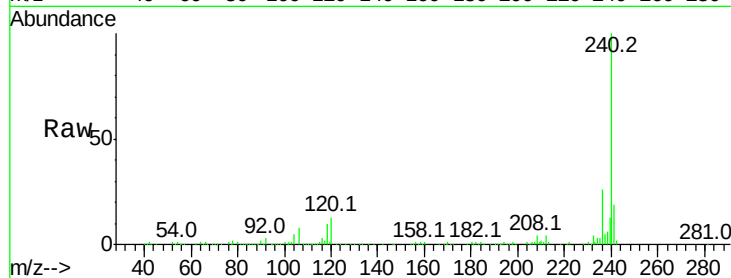
Tot Ion:240 Resp: 312103

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

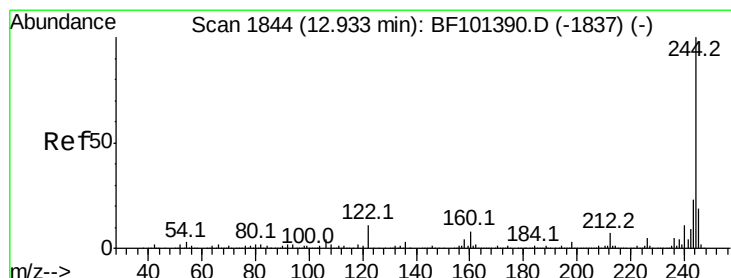
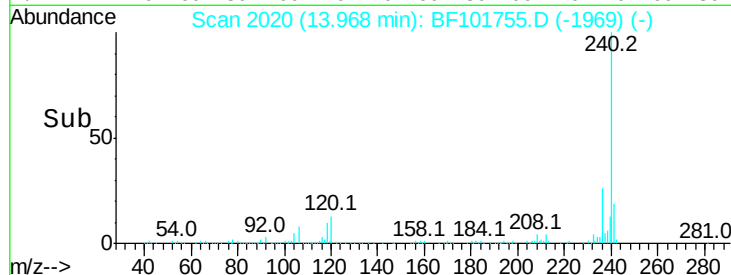
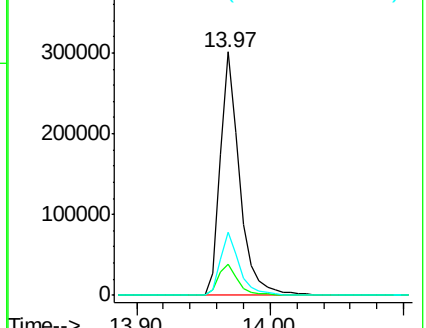
236 25.7 20.7 31.1



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: 77.709 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101755.D

Acq: 27 Dec 2017 10:56

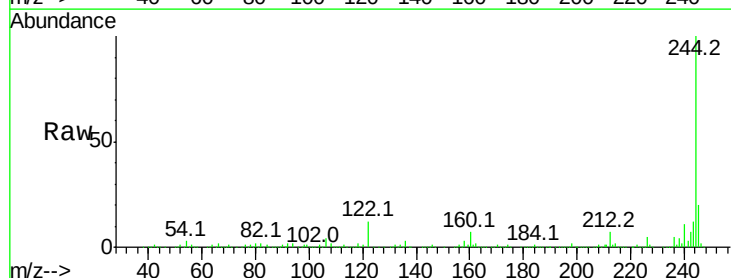
Tgt Ion:244 Resp: 1006037

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

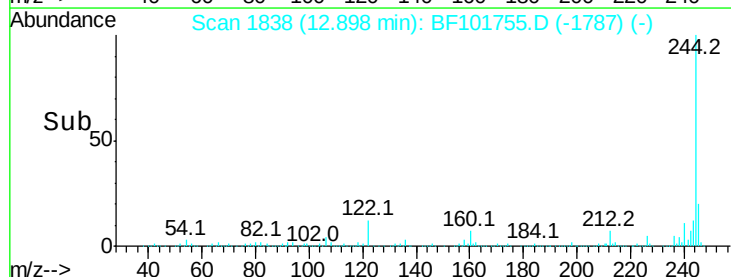
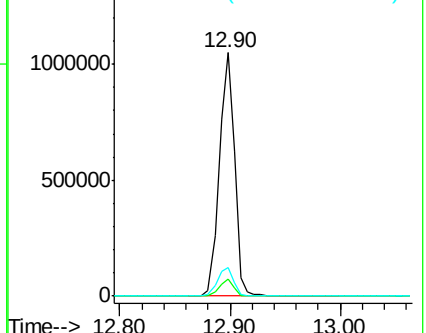
122 11.9 11.0 16.4

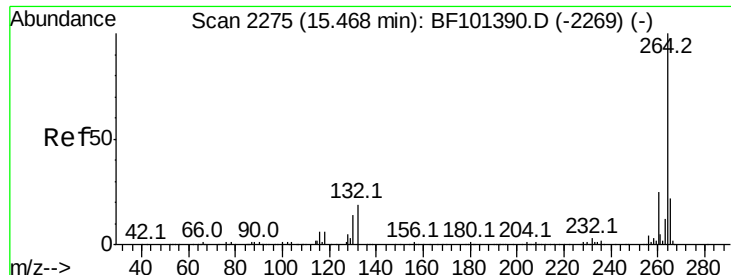


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

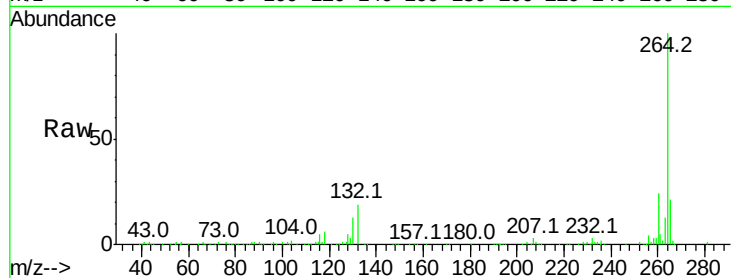




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101755.D
Acq: 27 Dec 2017 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.2	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

