

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101756.D
 Acq On : 27 Dec 2017 11:23
 Operator : SJ/JU
 Sample : I7010-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 12:12:33 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

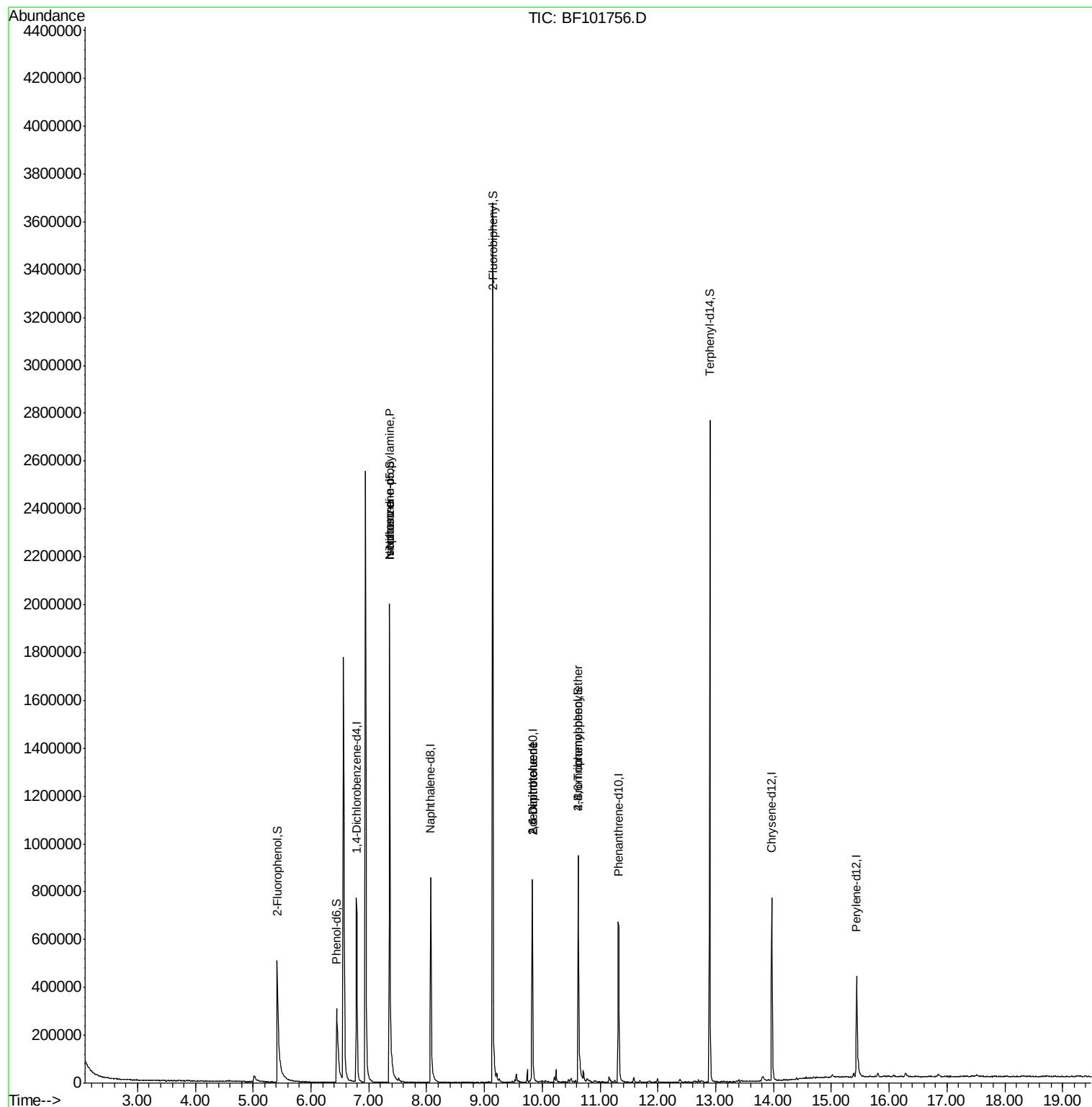
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139880	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	523779	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	191052	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	306903	20.00	ng	0.00
75) Chrysene-d12	13.97	240	299324	20.00	ng	0.00
86) Perylene-d12	15.44	264	249849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	316242	33.68	ng	0.01
7) Phenol-d6	6.45	99	244502	20.92	ng	0.01
23) Nitrobenzene-d5	7.36	82	823860	87.56	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	144088	78.27	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1281124	104.02	ng	0.00
78) Terphenyl-d14	12.90	244	938642	75.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	108018	14.074	ng	# 78
25) Isophorone	7.36	82	823860	43.646	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	25223	8.076	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	25223	7.168	ng	# 24
66) 4-Bromophenyl-phenylether	10.62	248	9498	2.754	ng	# 1

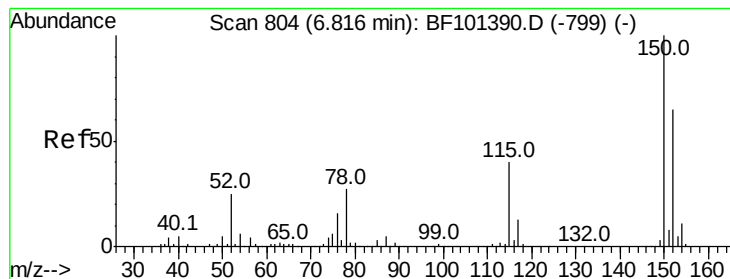
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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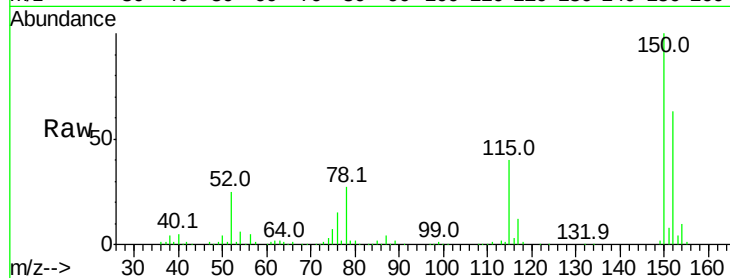


#1

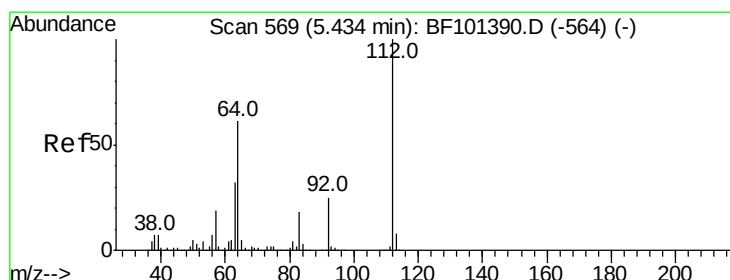
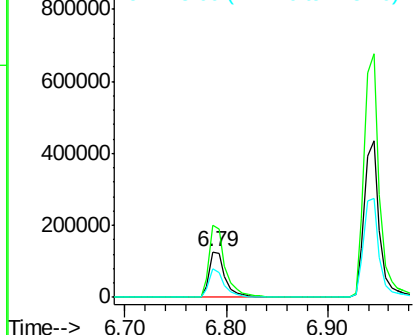
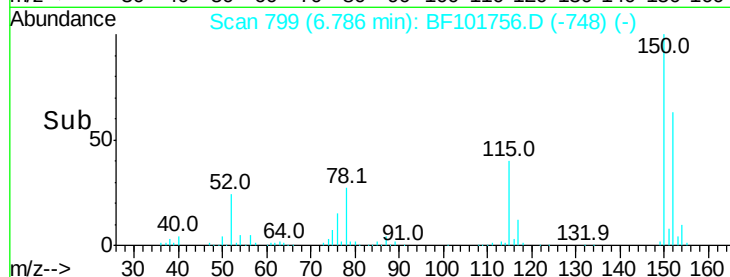
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101756.D
Acq: 27 Dec 2017 11:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 139880
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 64.1 50.1 75.1



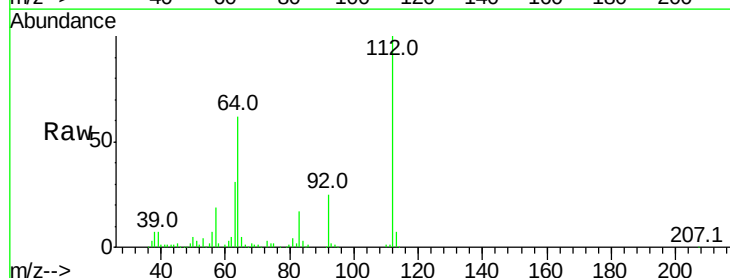
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



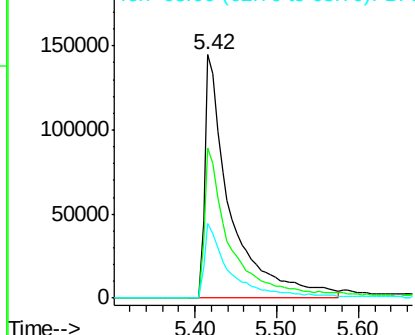
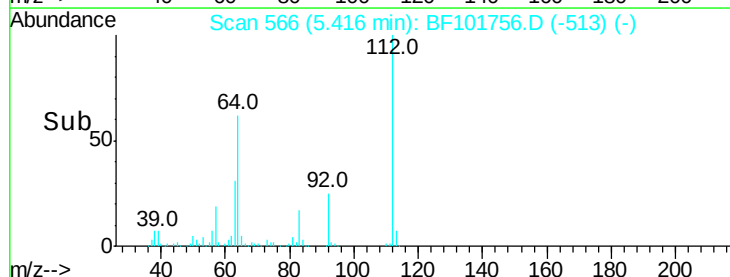
#5

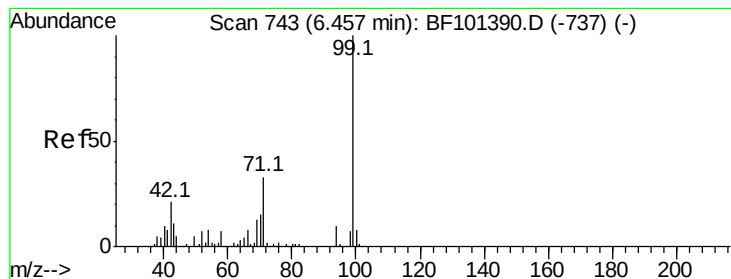
2-Fluorophenol
Concen: 33.677 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101756.D
Acq: 27 Dec 2017 11:23

Tgt Ion:112 Resp: 316242
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 30.7 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: 20.921 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101756.D

Acq: 27 Dec 2017 11:23

Instrument :

BNA_F

ClientSampleId :

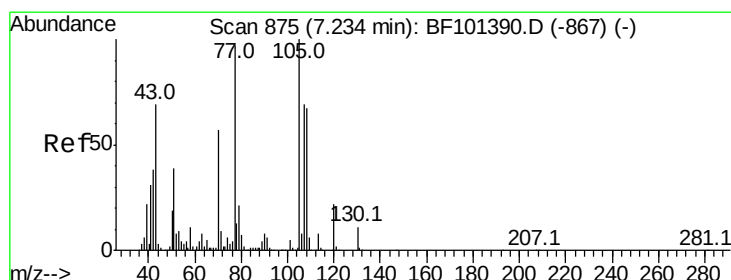
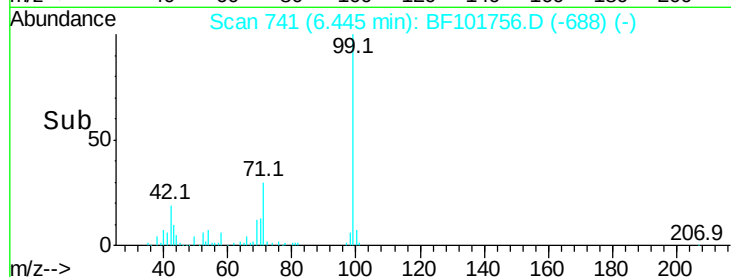
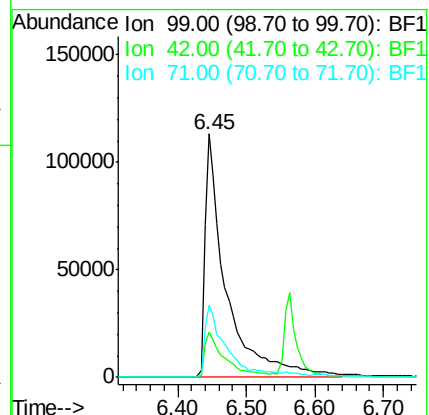
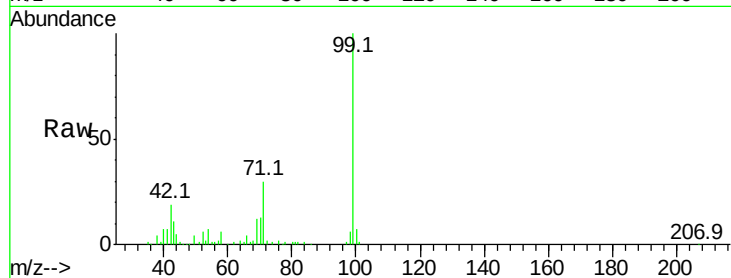
Tot Ion: 99 Resp: 244502

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 29.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.074 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF101756.D

Acq: 27 Dec 2017 11:23

Tgt Ion: 70 Resp: 108018

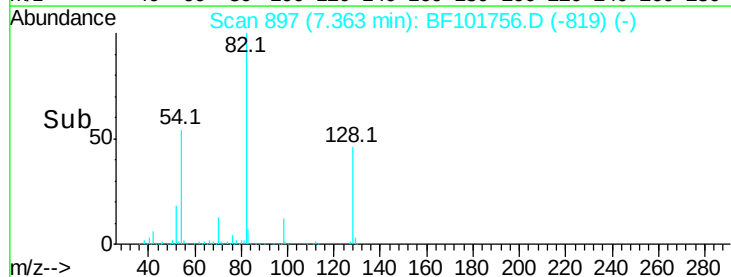
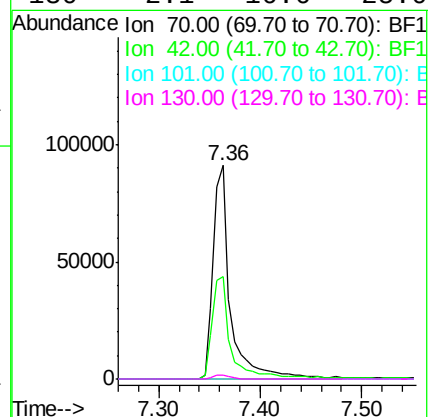
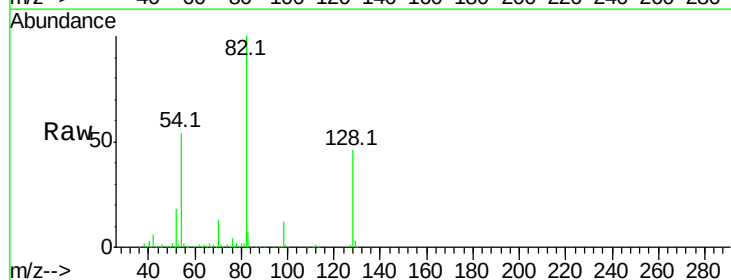
Ion Ratio Lower Upper

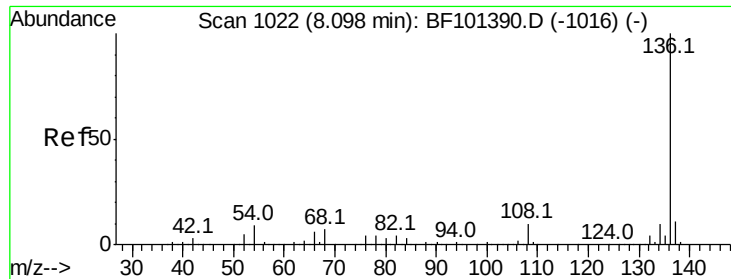
70 100

42 48.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

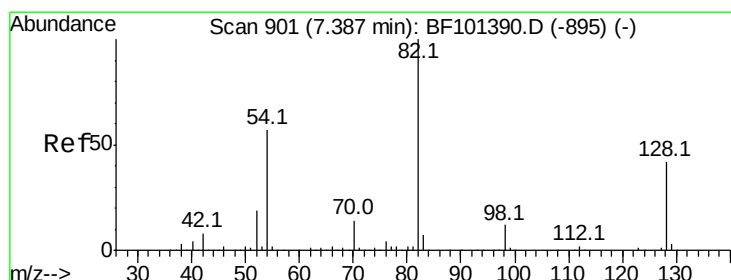
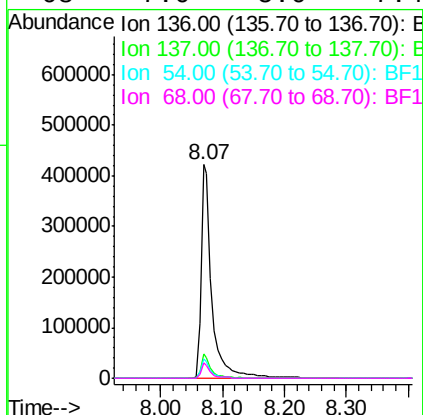
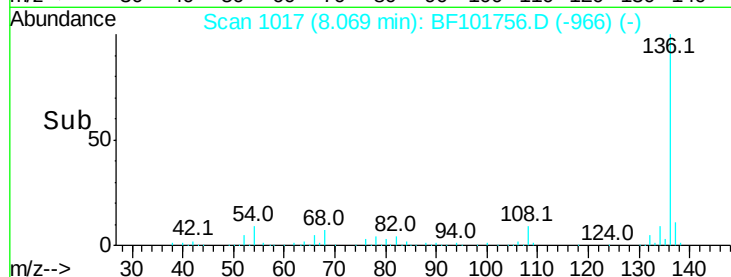
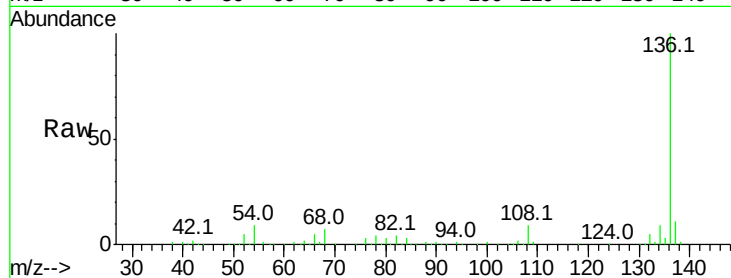




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101756.D
Acq: 27 Dec 2017 11:23

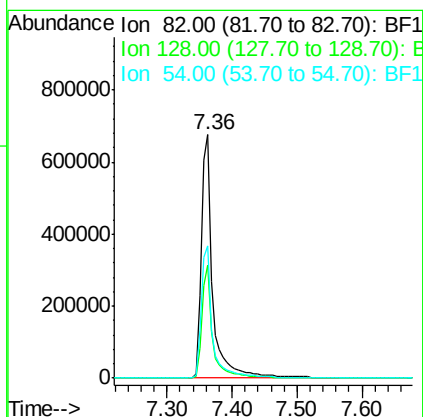
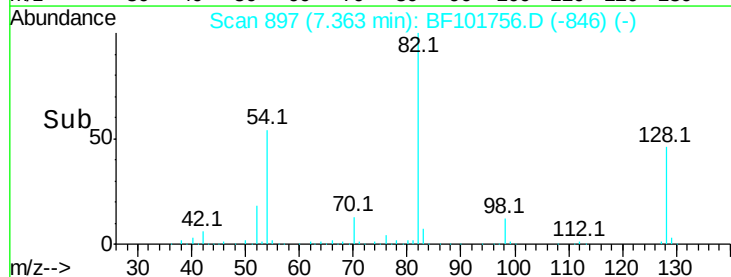
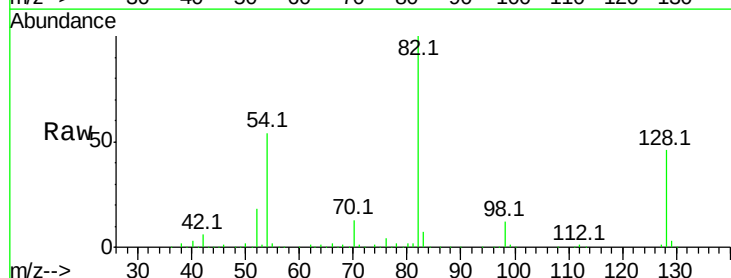
Instrument :
BNA_F
ClientSampleId :

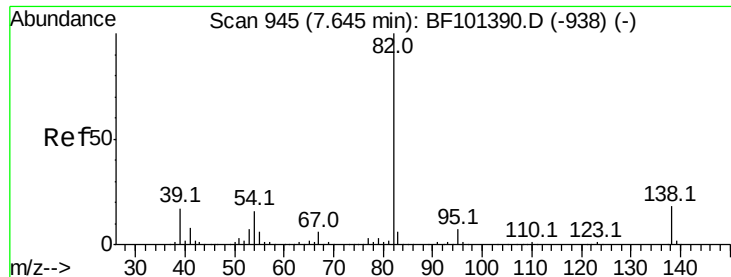
Tot Ion:	136	Resp:	523779
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.1	6.6	9.8
68	7.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 87.558 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101756.D
Acq: 27 Dec 2017 11:23

Tgt Ion:	82	Resp:	823860
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	54.2	41.4	62.2





#25

Isophorone

Concen: 43.646 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF101756.D

Acq: 27 Dec 2017 11:23

Instrument :

BNA_F

ClientSampleId :

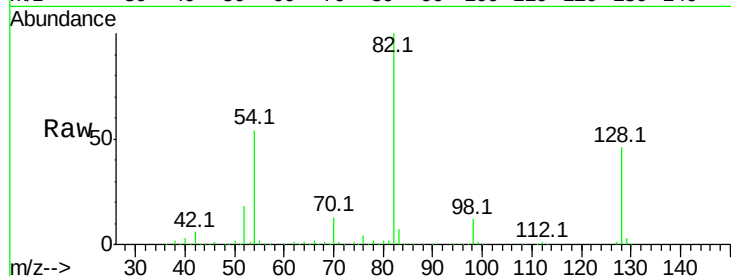
Tot Ion: 82 Resp: 823860

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

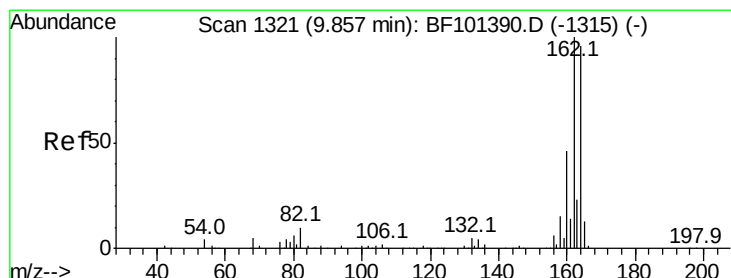
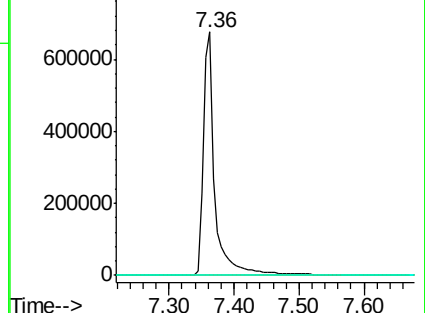
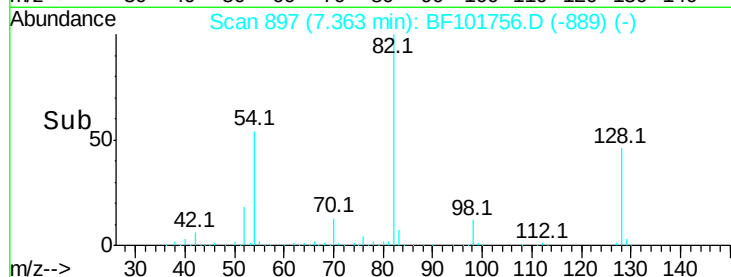
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF101756.D

Acq: 27 Dec 2017 11:23

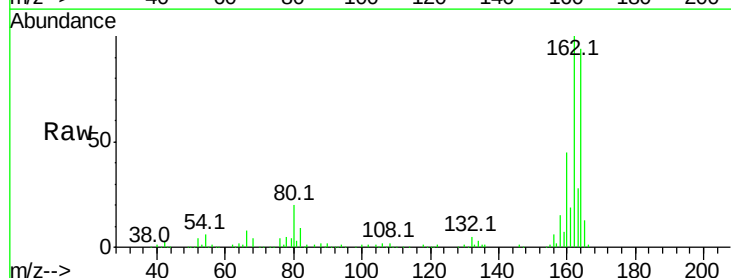
Tgt Ion:164 Resp: 191052

Ion Ratio Lower Upper

164 100

162 106.2 86.1 129.1

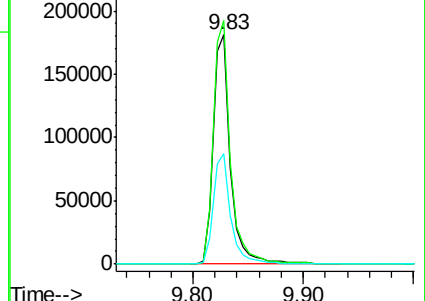
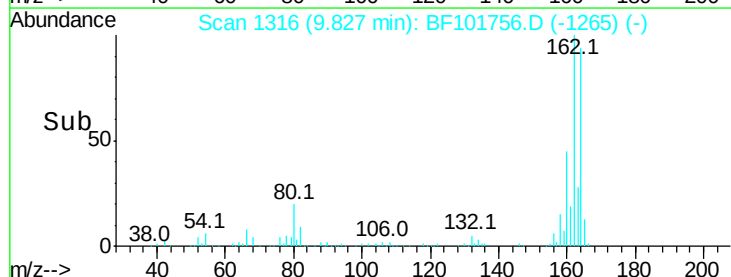
160 48.2 38.3 57.5

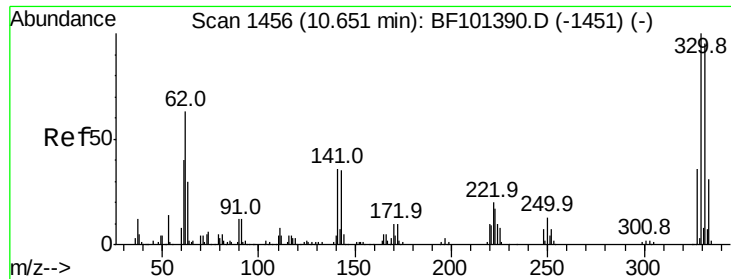


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

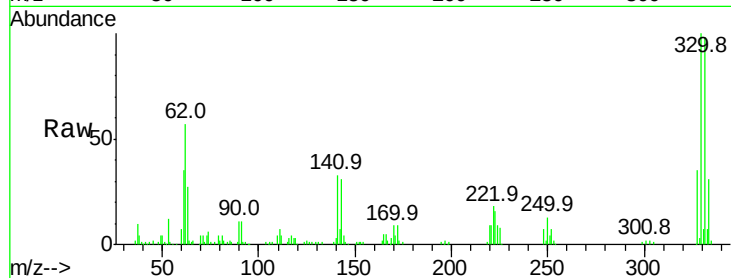




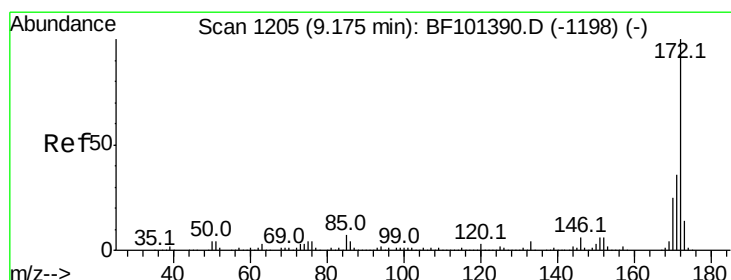
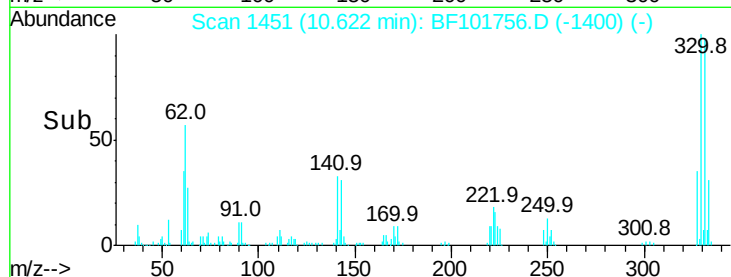
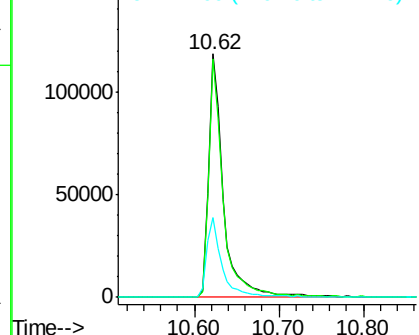
#41
 2,4,6-Tribromophenol
 Concen: 78.269 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101756.D
 Acq: 27 Dec 2017 11:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 144088
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 34.0 29.9 44.9

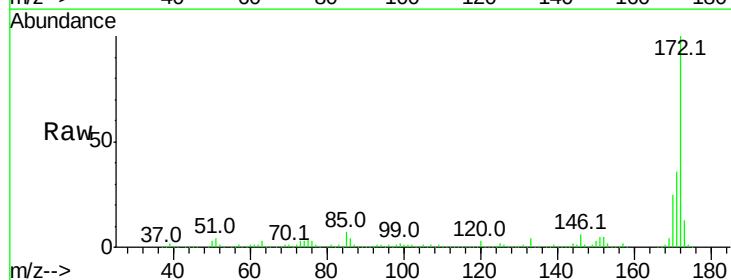


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

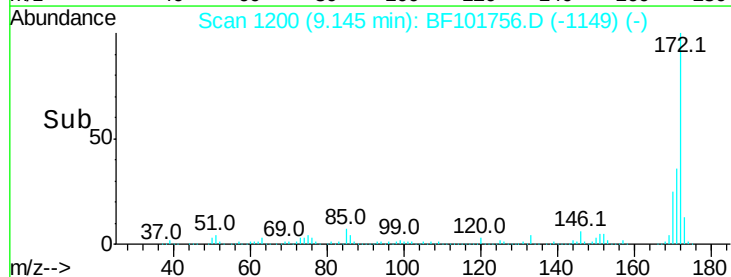
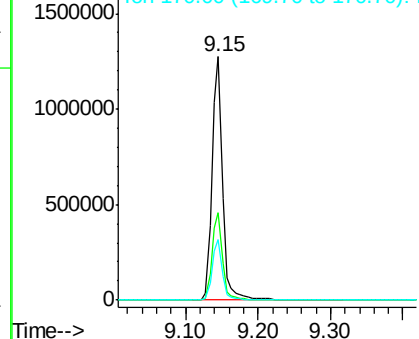


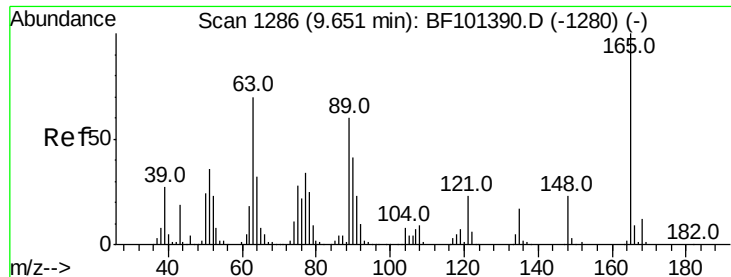
#44
 2-Fluorobiphenyl
 Concen: 104.020 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101756.D
 Acq: 27 Dec 2017 11:23

Tgt Ion:172 Resp: 1281124
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.7 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

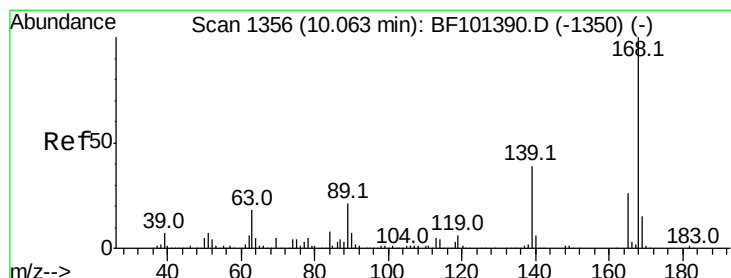
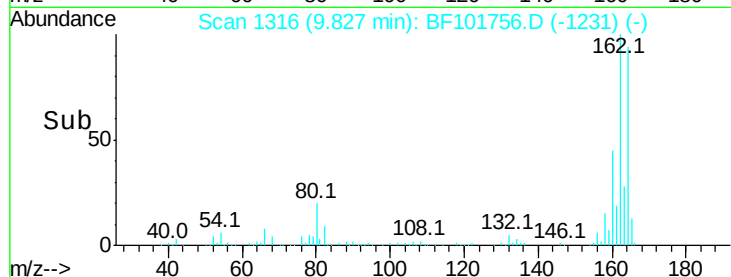
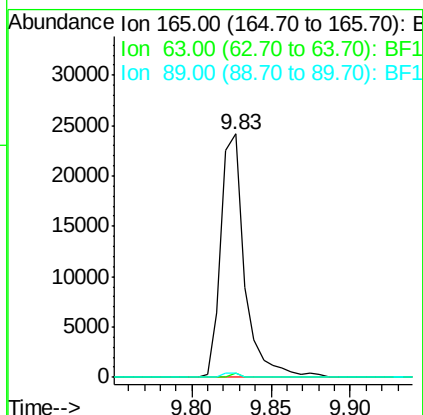
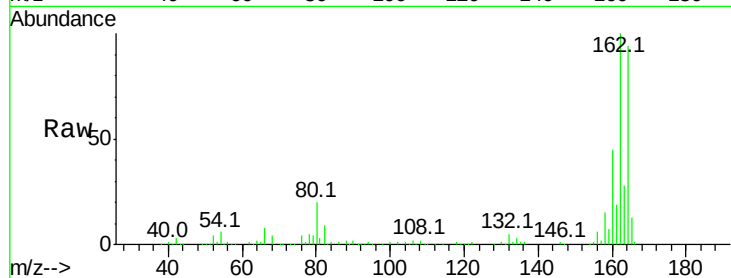




#50
2,6-Dinitrotoluene
Concen: 8.076 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.20 min
Lab File: BF101756.D
Acq: 27 Dec 2017 11:23

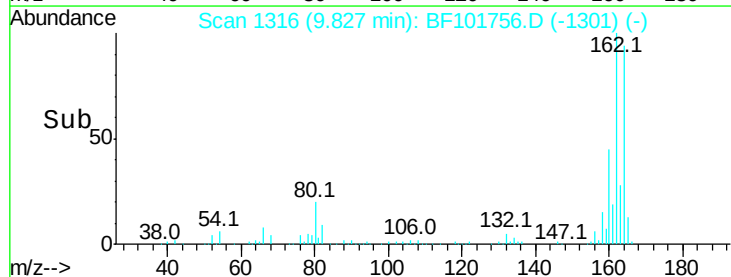
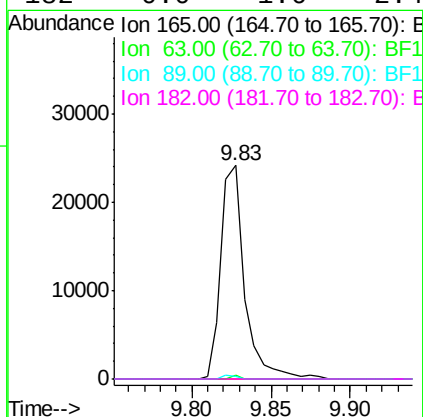
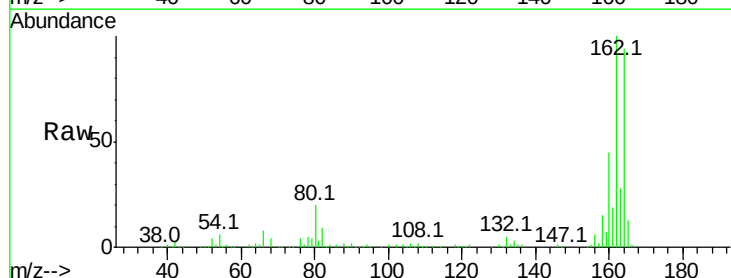
Instrument :
BNA_F
ClientSampleId :

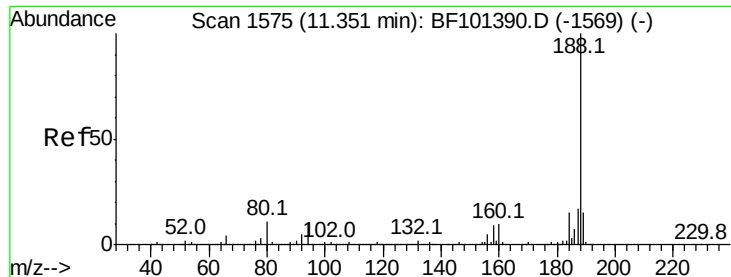
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.5	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 7.168 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF101756.D
Acq: 27 Dec 2017 11:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.5	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: BF101756.D

Acq: 27 Dec 2017 11:23

Instrument :

BNA_F

ClientSampleId :

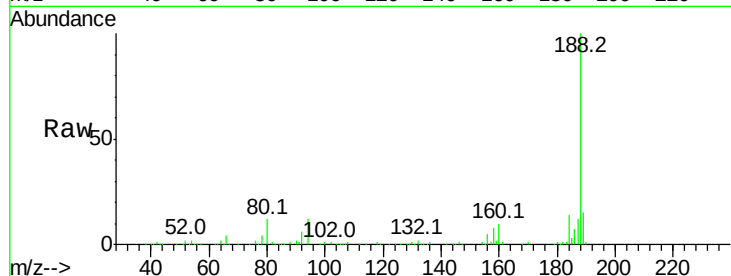
Tot Ion:188 Resp: 306903

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

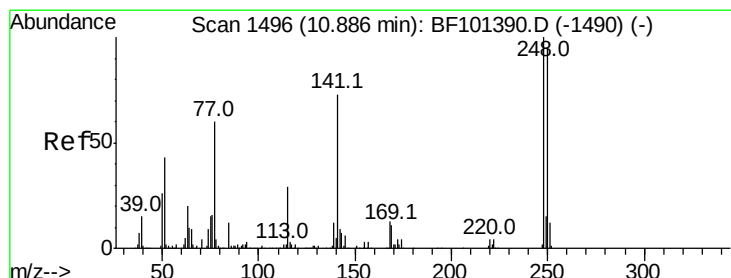
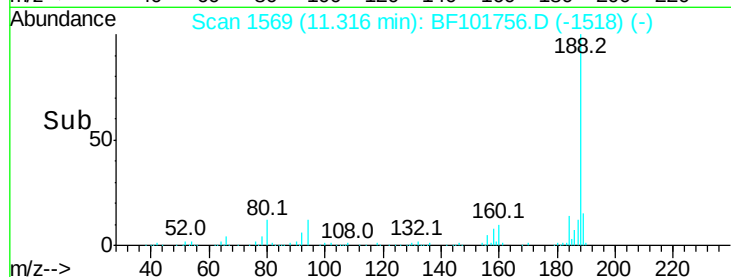
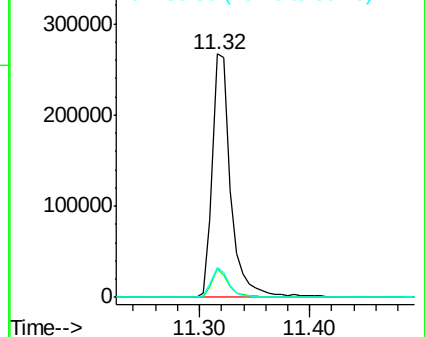
80 12.2 9.2 13.8



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: 2.754 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.23 min

Lab File: BF101756.D

Acq: 27 Dec 2017 11:23

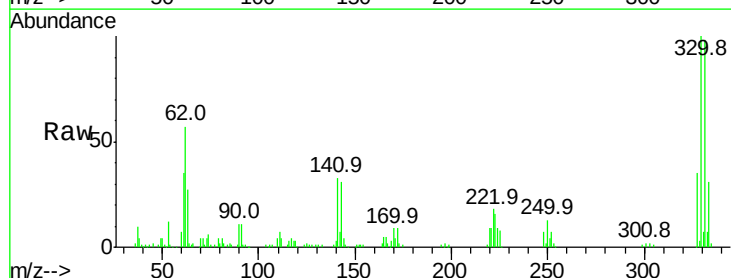
Tgt Ion:248 Resp: 9498

Ion Ratio Lower Upper

248 100

250 177.0 76.9 115.3#

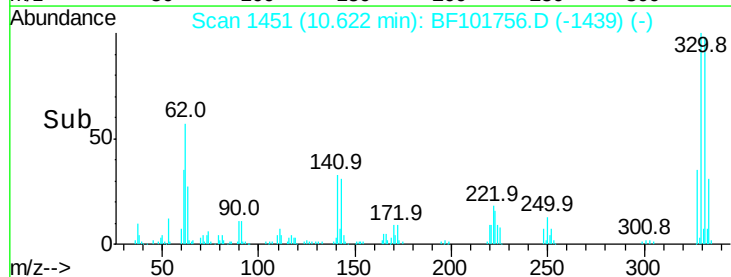
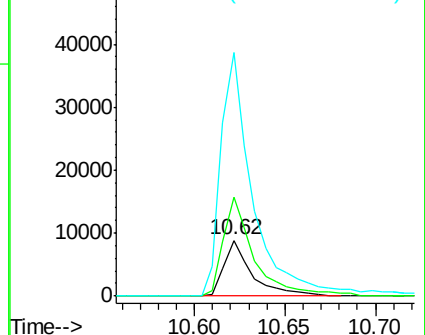
141 436.5 74.4 111.6#

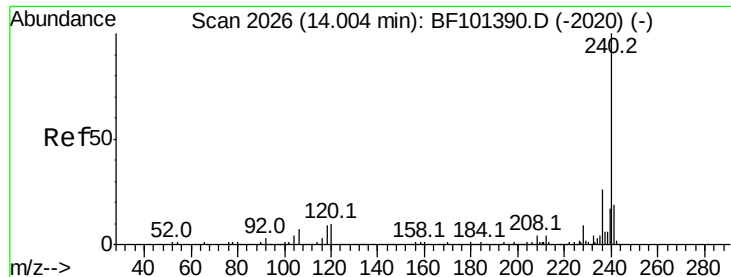


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF101756.D

Acq: 27 Dec 2017 11:23

Instrument :

BNA_F

ClientSampleId :

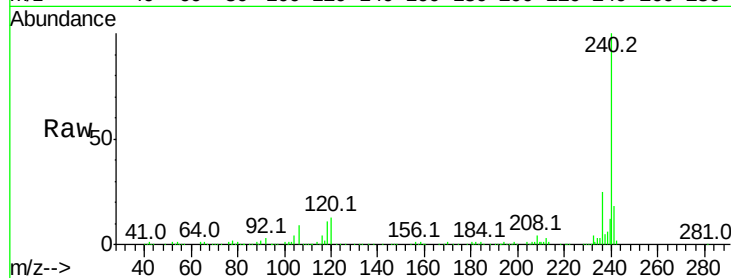
Tot Ion:240 Resp: 299324

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

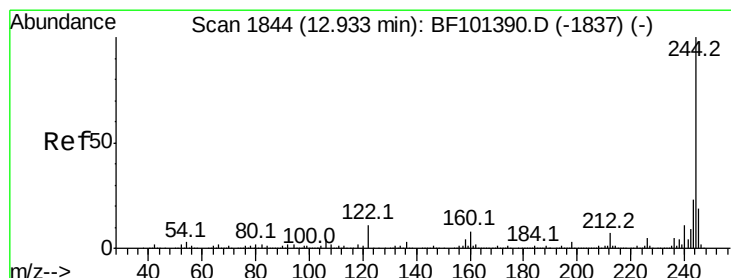
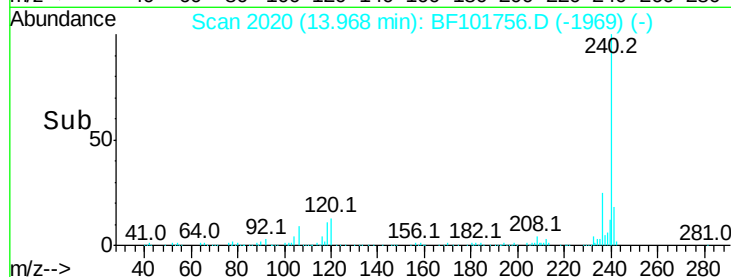
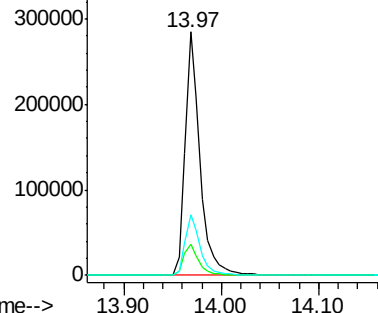
236 24.8 20.7 31.1



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: 75.599 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101756.D

Acq: 27 Dec 2017 11:23

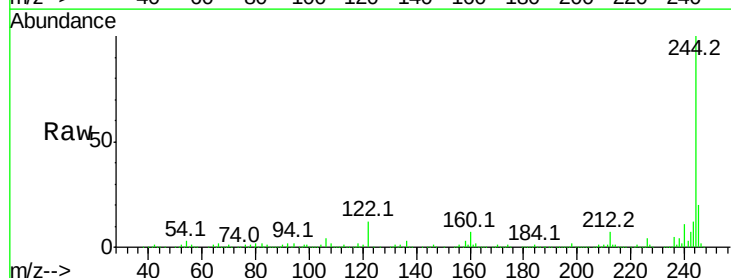
Tgt Ion:244 Resp: 938642

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

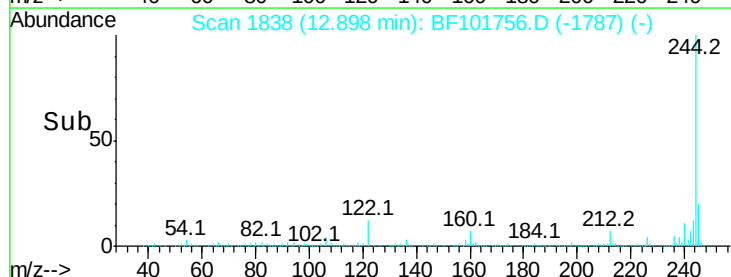
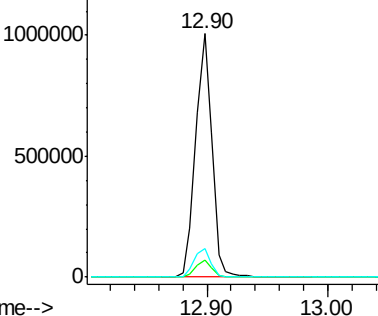
122 11.6 11.0 16.4

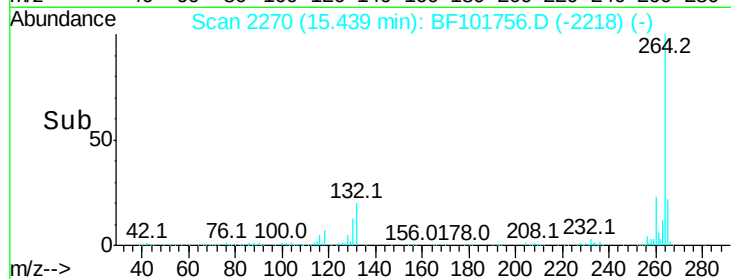
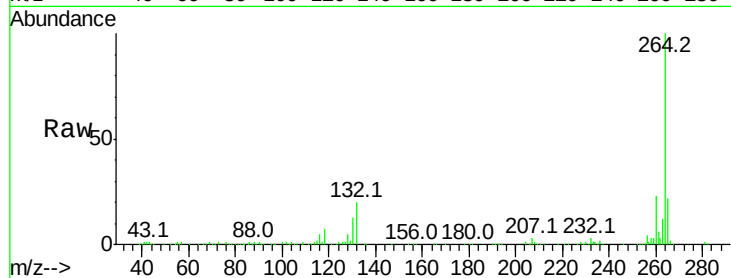
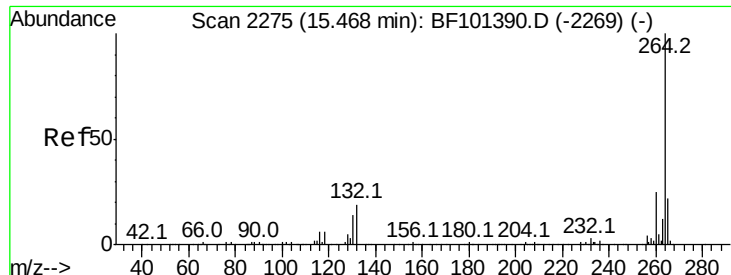


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF101756.D
Acq: 27 Dec 2017 11:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.9	17.5	26.3

