

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101750.D
 Acq On : 27 Dec 2017 8:42
 Operator : SJ/JU
 Sample : PB105328BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 10:22:38 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

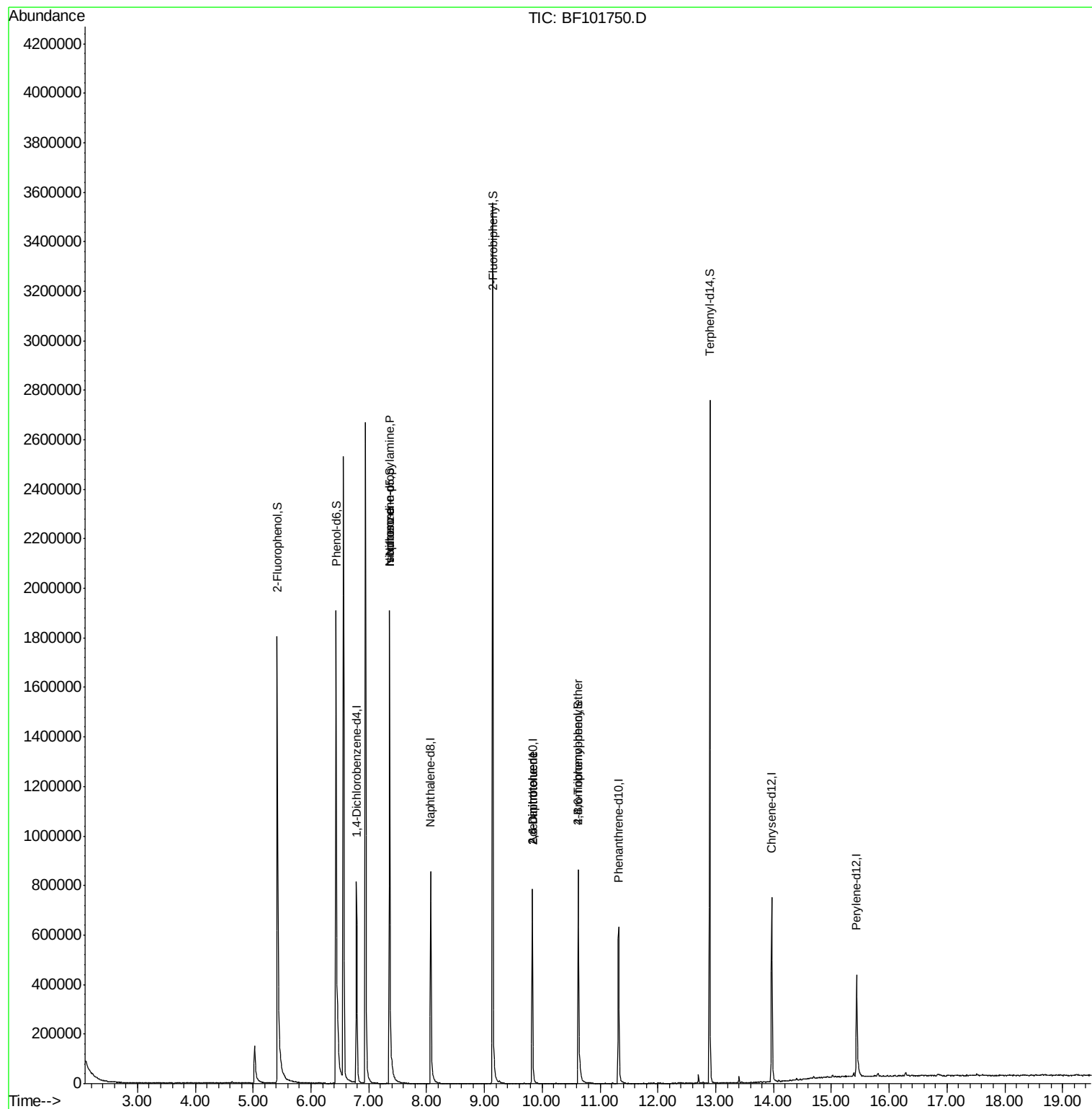
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	133769	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	495152	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	178000	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	289321	20.00	ng	0.00
75) Chrysene-d12	13.97	240	283655	20.00	ng	0.00
86) Perylene-d12	15.44	264	241935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	796321	88.67	ng	0.01
7) Phenol-d6	6.43	99	938225	83.95	ng	0.00
23) Nitrobenzene-d5	7.36	82	795366	89.42	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	136349	79.50	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1254017	109.29	ng	0.00
78) Terphenyl-d14	12.90	244	943123	80.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	103439	14.093	ng	# 79
25) Isophorone	7.36	82	795366	44.573	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	21490	7.385	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	21490	6.555	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	8765	2.696	ng	# 1

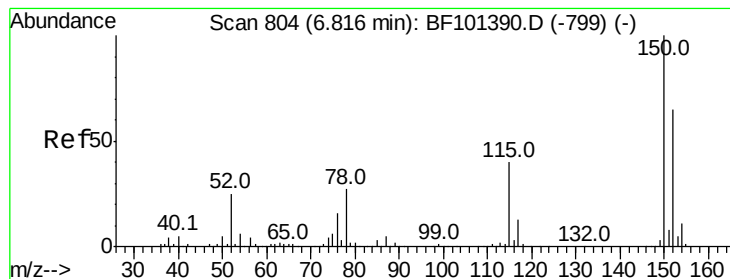
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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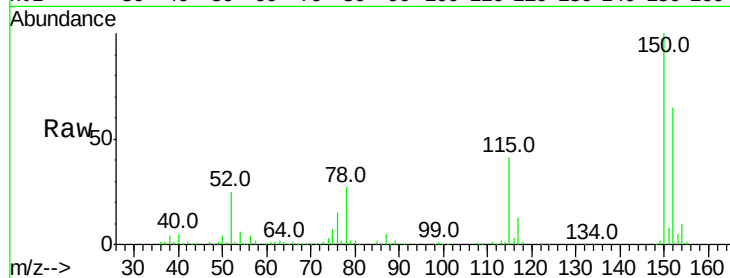


#1

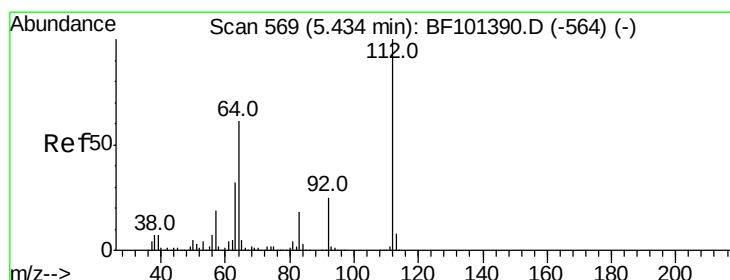
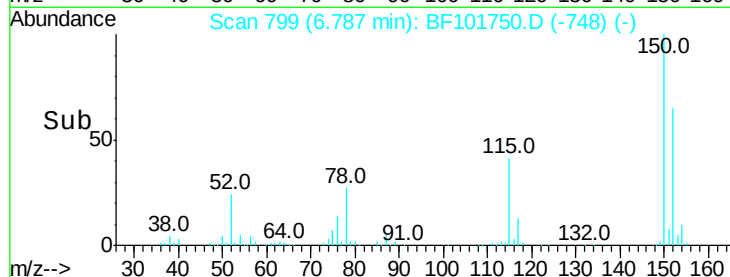
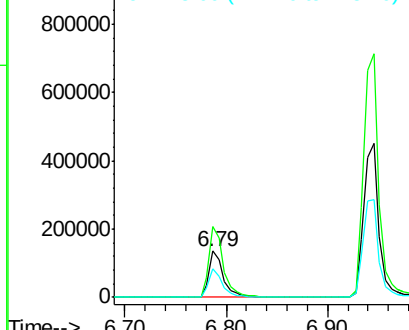
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101750.D
Acq: 27 Dec 2017 8:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133769
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 62.9 50.1 75.1



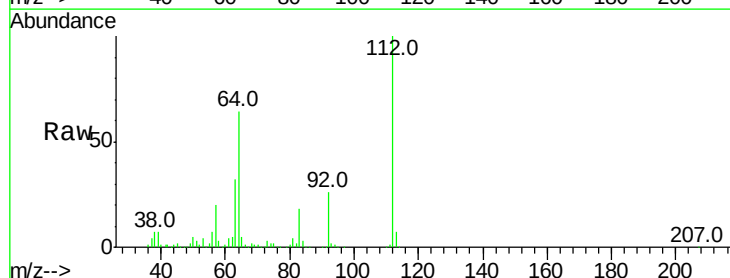
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



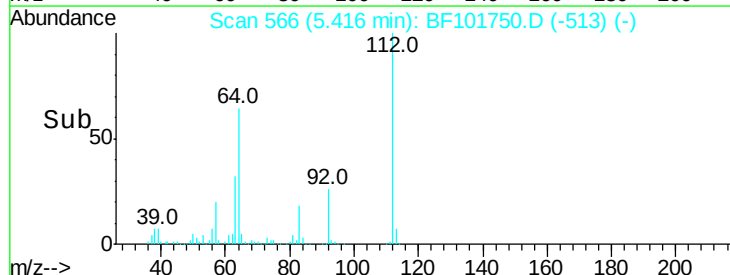
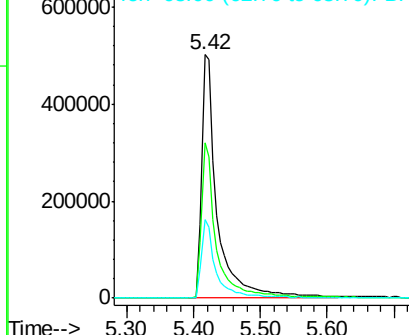
#5

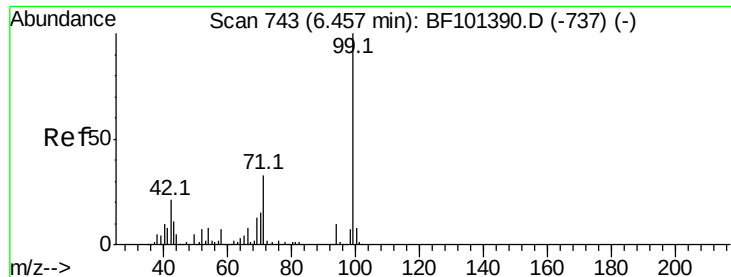
2-Fluorophenol
Concen: 88.674 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101750.D
Acq: 27 Dec 2017 8:42

Tgt Ion:112 Resp: 796321
Ion Ratio Lower Upper
112 100
64 63.6 47.9 71.9
63 32.2 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: 83.947 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101750.D

Acq: 27 Dec 2017 8:42

Instrument :

BNA_F

ClientSampled :

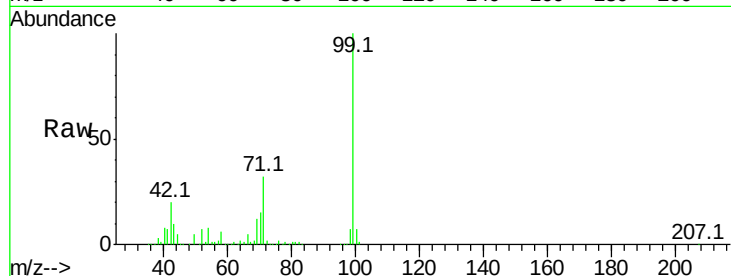
Tot Ion: 99 Resp: 938225

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

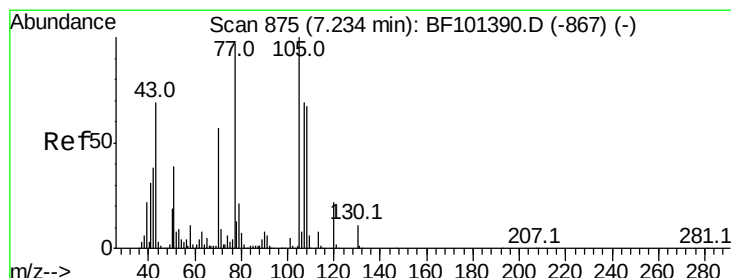
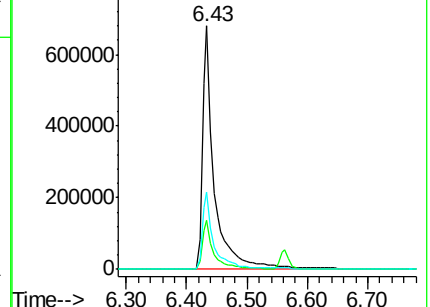
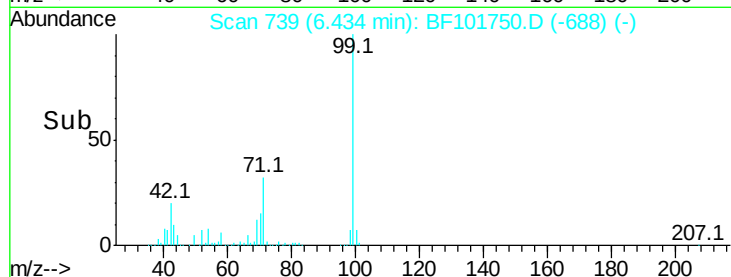
71 31.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.093 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF101750.D

Acq: 27 Dec 2017 8:42

Tgt Ion: 70 Resp: 103439

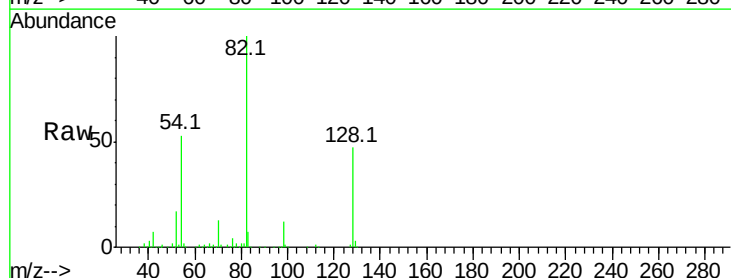
Ion Ratio Lower Upper

70 100

42 49.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

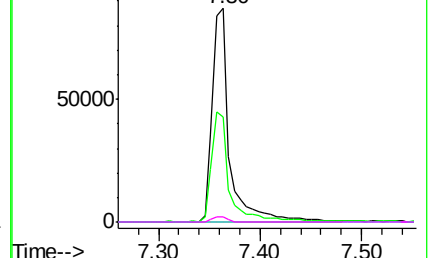
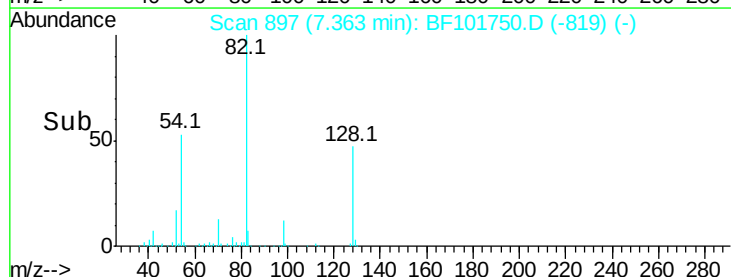


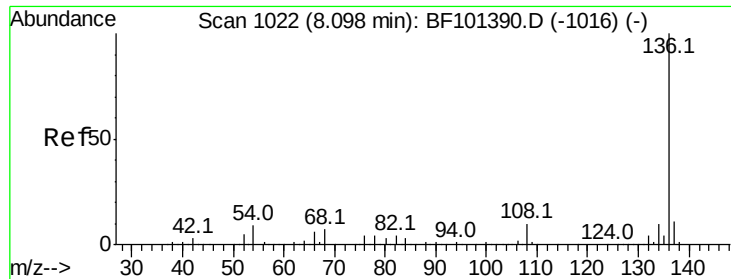
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

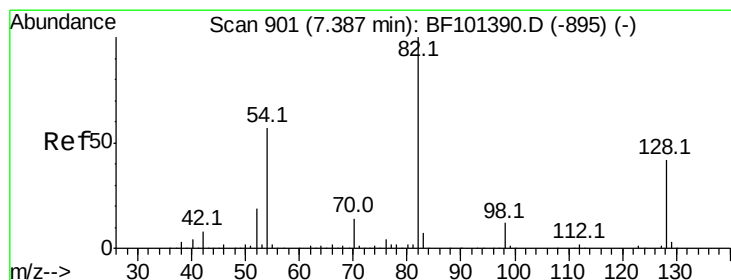
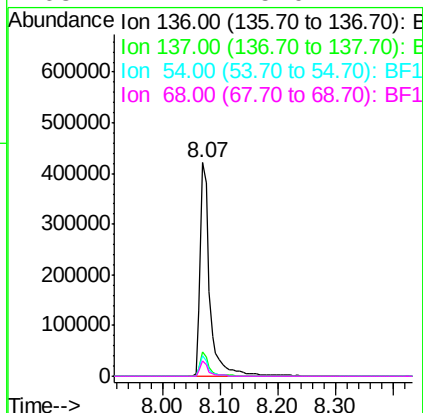
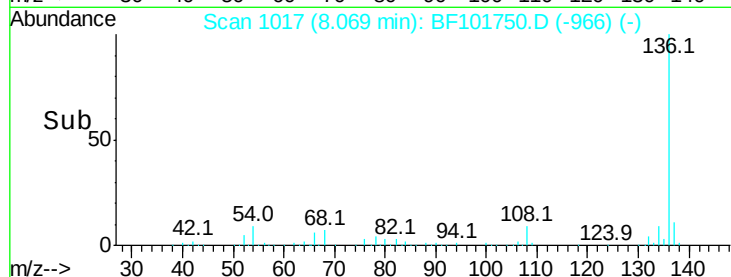
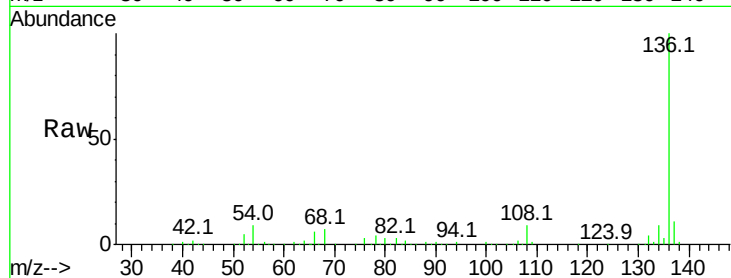




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101750.D
Acq: 27 Dec 2017 8:42

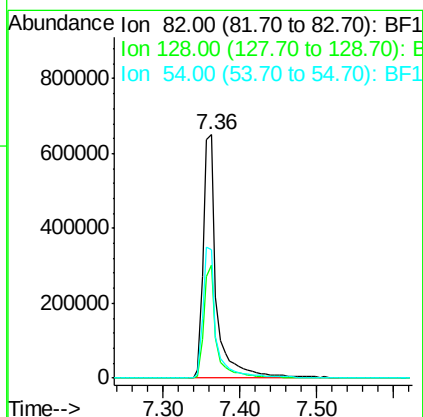
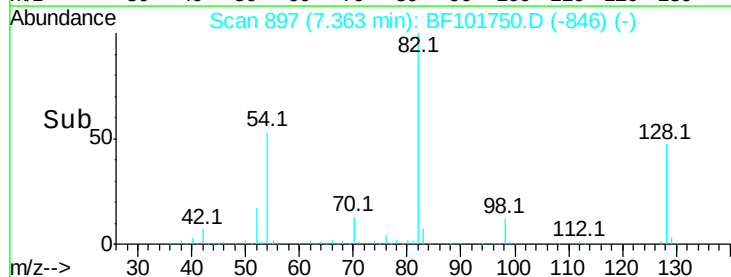
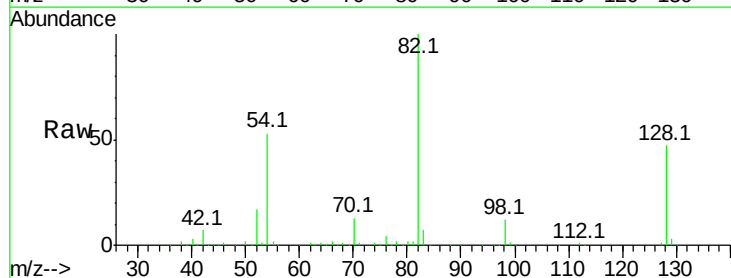
Instrument :
BNA_F
ClientSampleId :

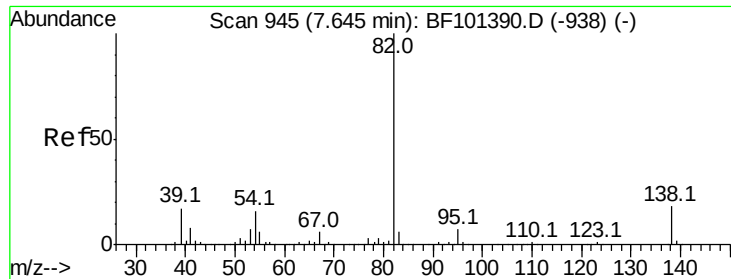
Tot Ion:	136	Resp:	495152
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.5	6.6	9.8
68	7.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 89.416 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101750.D
Acq: 27 Dec 2017 8:42

Tgt Ion:	82	Resp:	795366
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	52.6	41.4	62.2





#25

Isophorone

Concen: 44.573 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF101750.D

Acq: 27 Dec 2017 8:42

Instrument :

BNA_F

ClientSampleId :

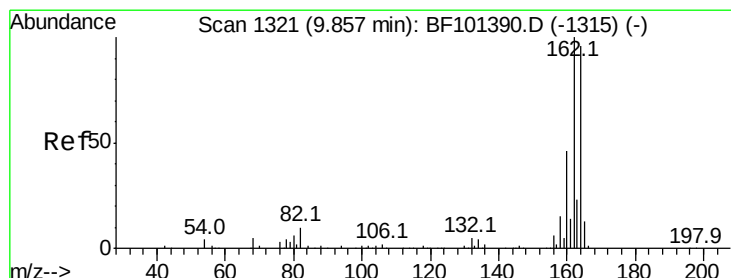
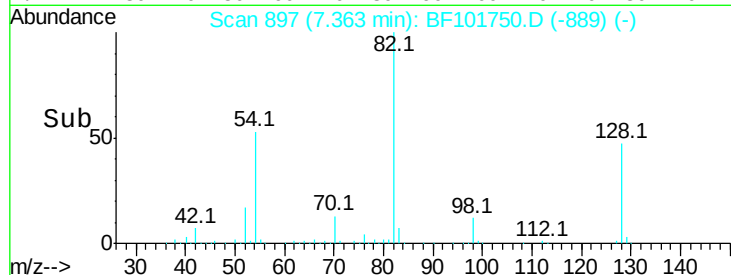
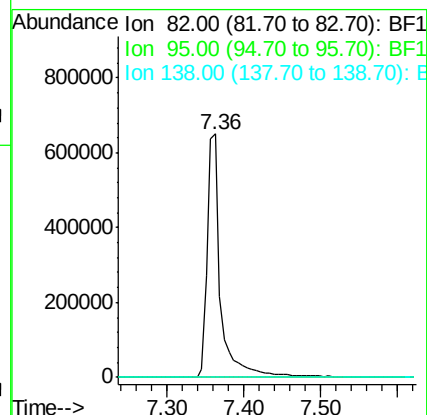
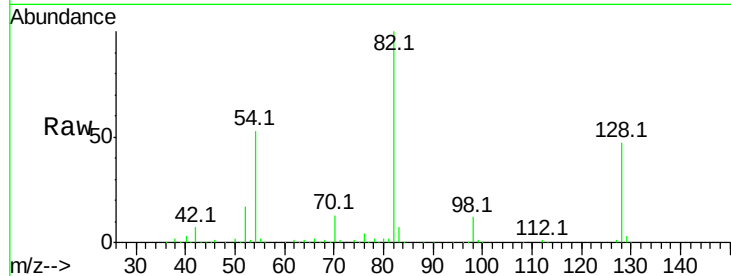
Tot Ion: 82 Resp: 795366

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: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF101750.D

Acq: 27 Dec 2017 8:42

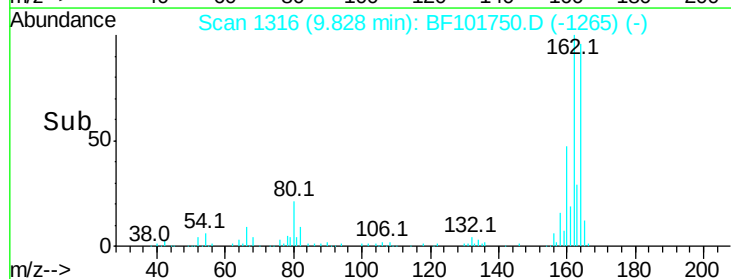
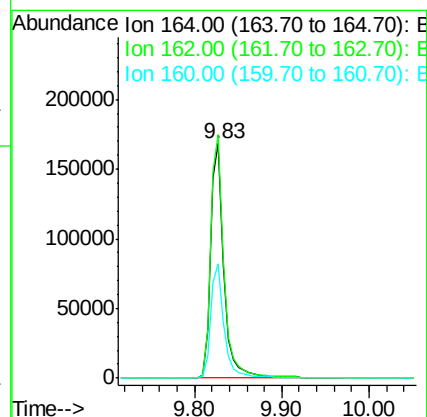
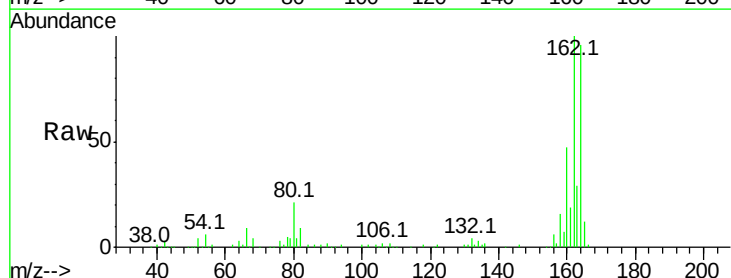
Tgt Ion:164 Resp: 178000

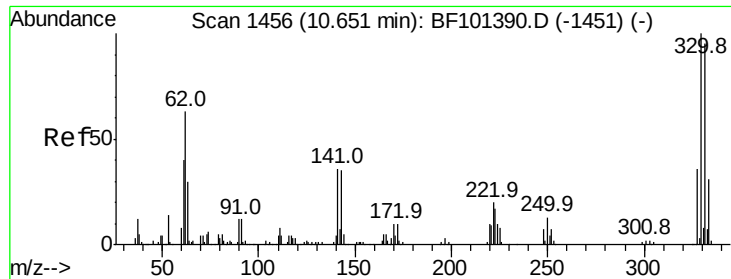
Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

160 49.0 38.3 57.5

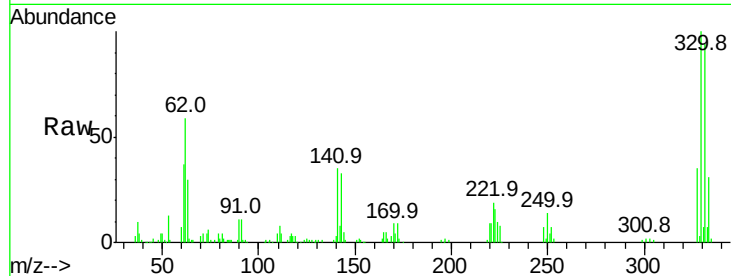




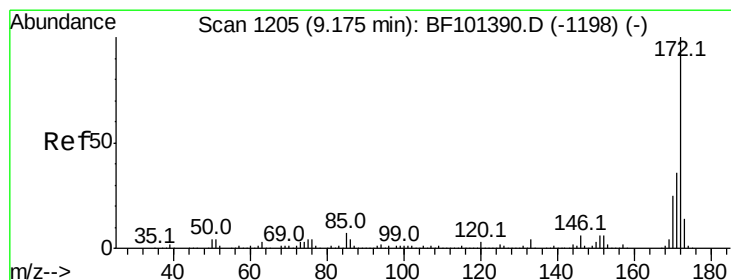
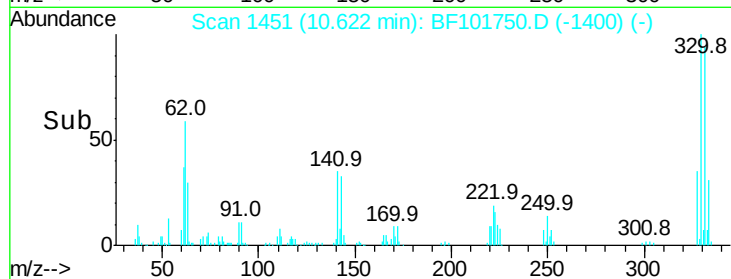
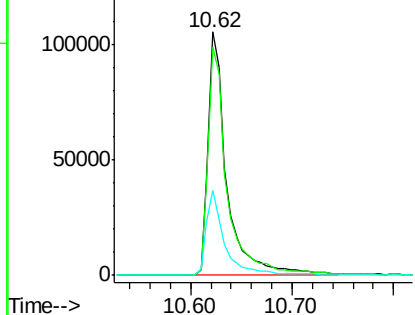
#41
 2,4,6-Tribromophenol
 Concen: 79.496 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101750.D
 Acq: 27 Dec 2017 8:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	34.4	29.9	44.9

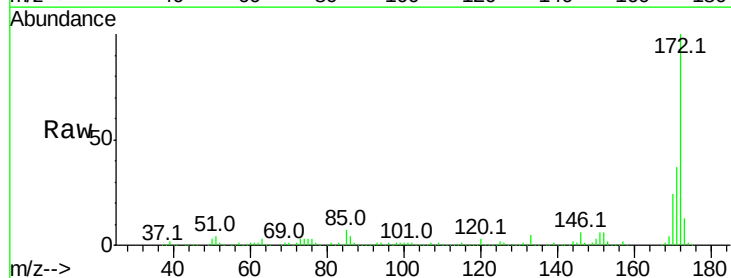


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

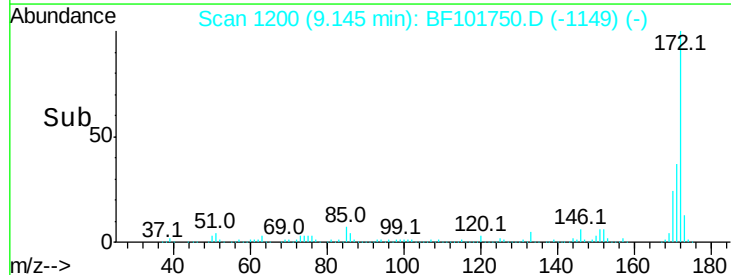
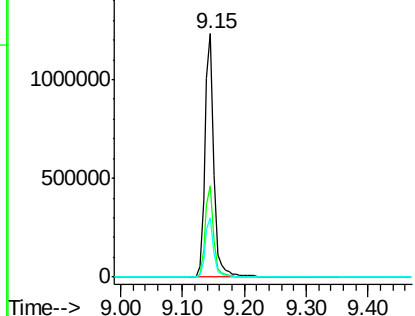


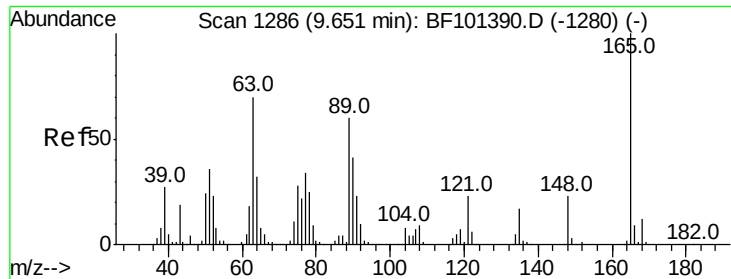
#44
 2-Fluorobiphenyl
 Concen: 109.286 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101750.D
 Acq: 27 Dec 2017 8:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	24.4	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

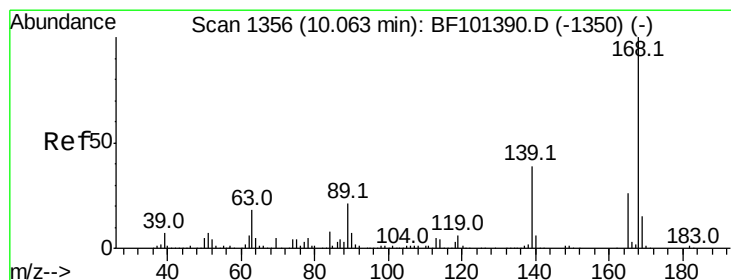
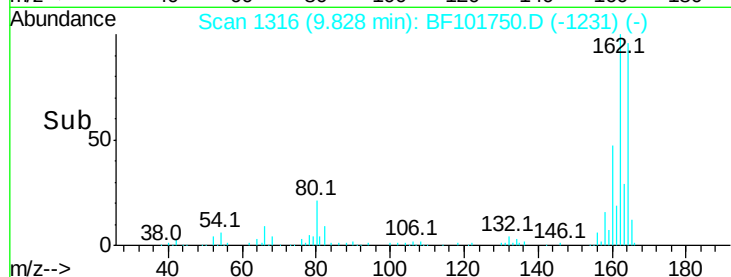
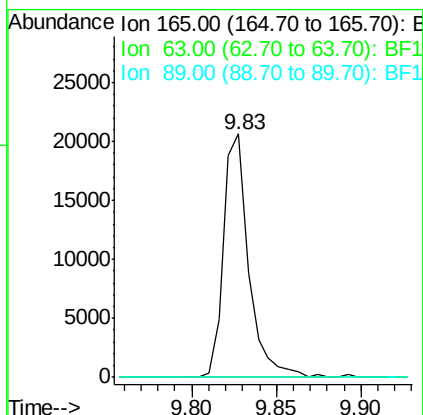
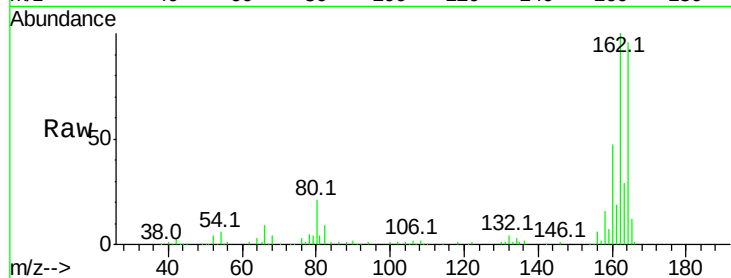




#50
2,6-Dinitrotoluene
Concen: 7.385 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.20 min
Lab File: BF101750.D
Acq: 27 Dec 2017 8:42

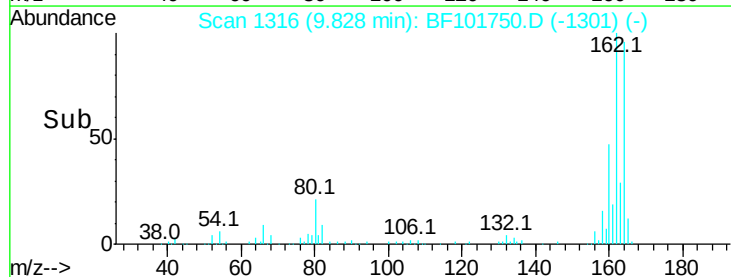
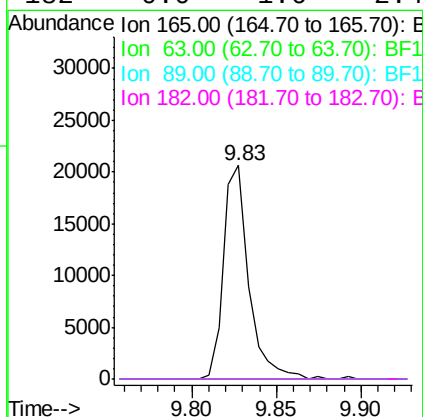
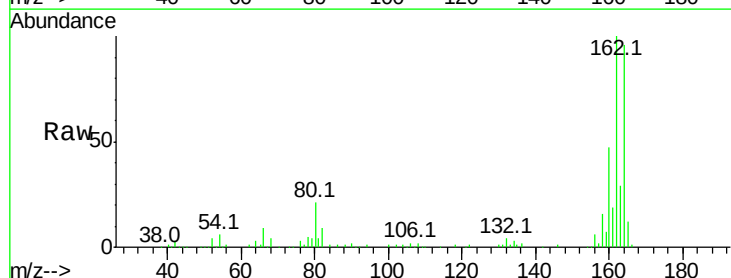
Instrument :
BNA_F
ClientSampled :

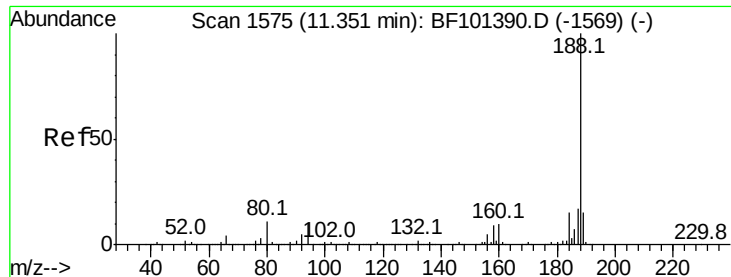
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.555 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF101750.D
Acq: 27 Dec 2017 8:42

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#

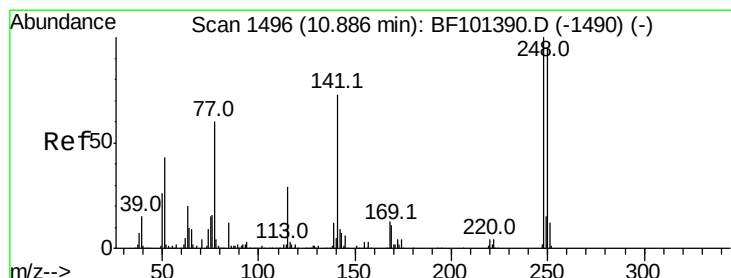
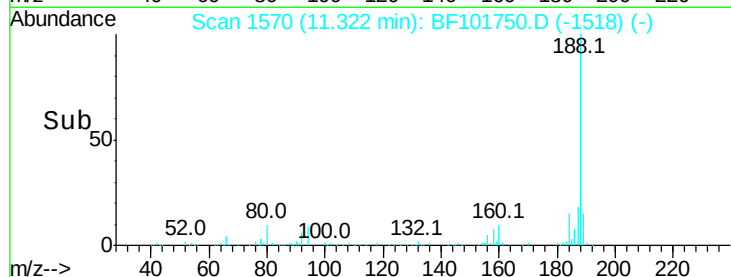
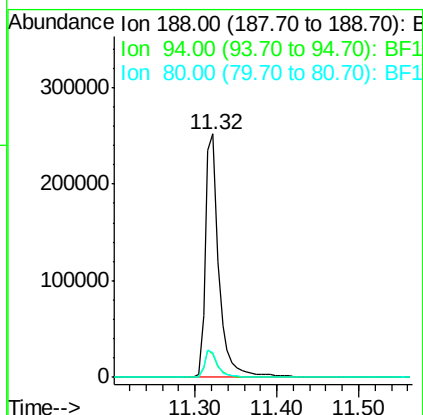
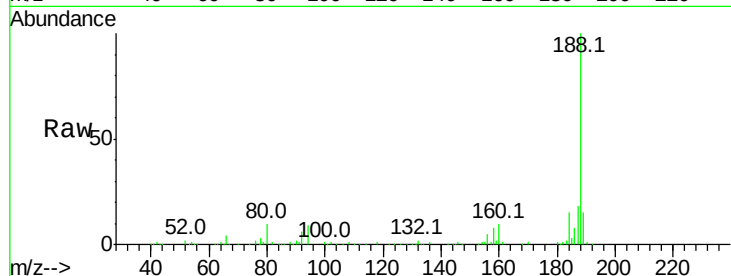




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101750.D
Acq: 27 Dec 2017 8:42

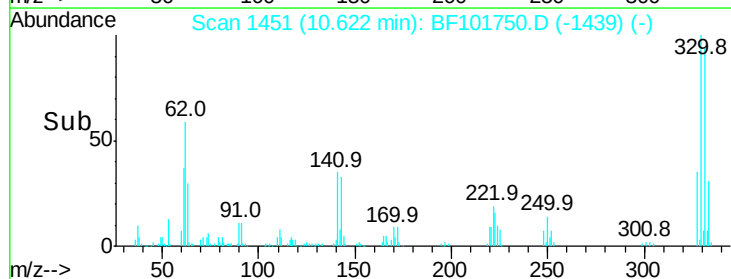
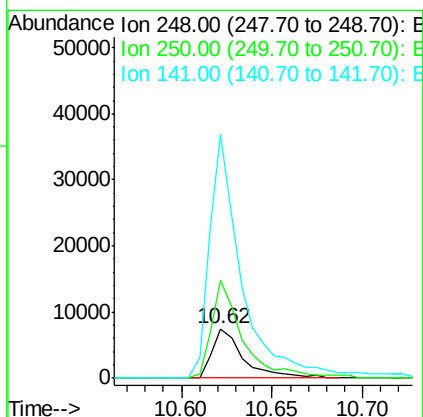
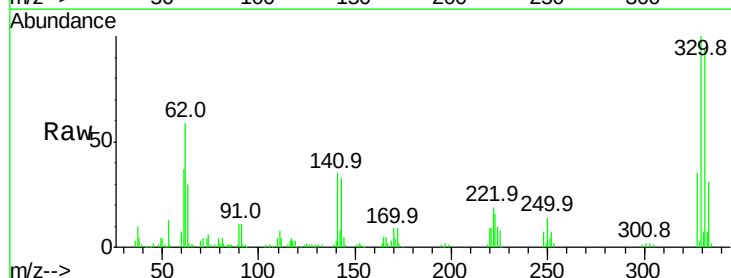
Instrument :
BNA_F
ClientSampleId :

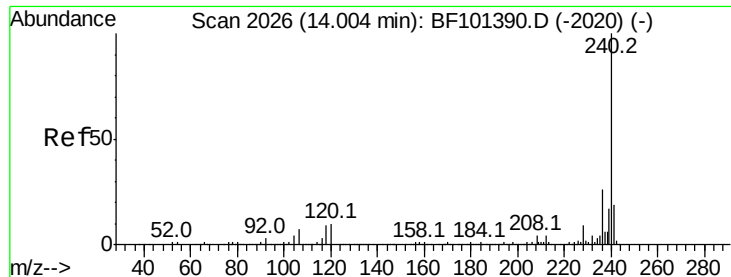
Tot Ion:188 Resp: 289321
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.696 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.23 min
Lab File: BF101750.D
Acq: 27 Dec 2017 8:42

Tgt Ion:248 Resp: 8765
Ion Ratio Lower Upper
248 100
250 198.3 76.9 115.3#
141 493.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF101750.D

Acq: 27 Dec 2017 8:42

Instrument :

BNA_F

ClientSampleId :

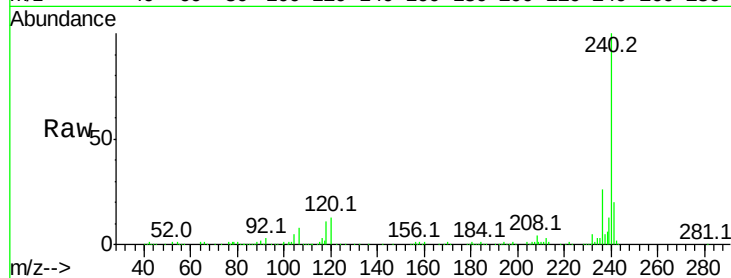
Tot Ion:240 Resp: 283655

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

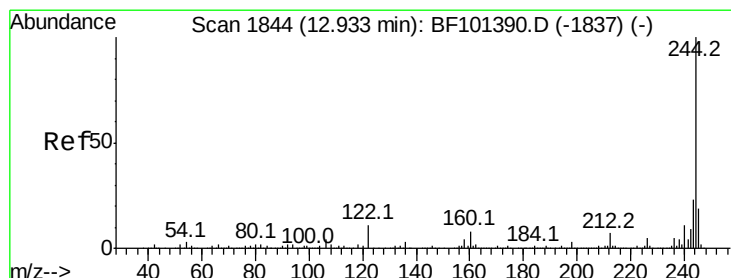
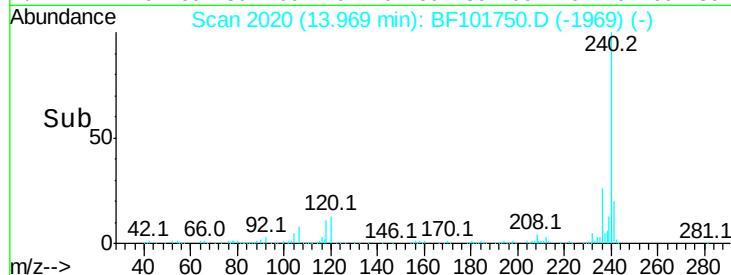
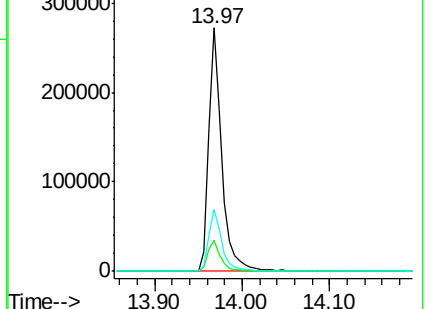
236 25.6 20.7 31.1



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: 80.156 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF101750.D

Acq: 27 Dec 2017 8:42

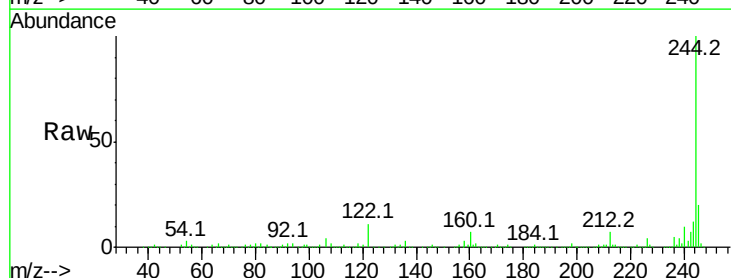
Tgt Ion:244 Resp: 943123

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

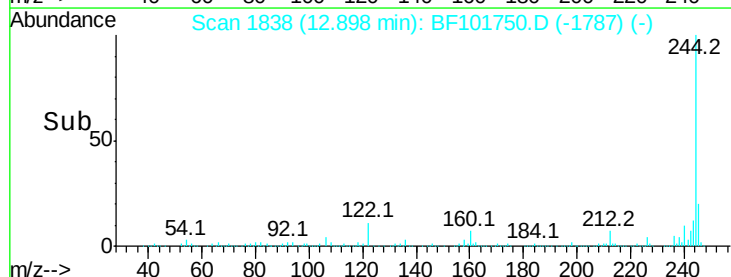
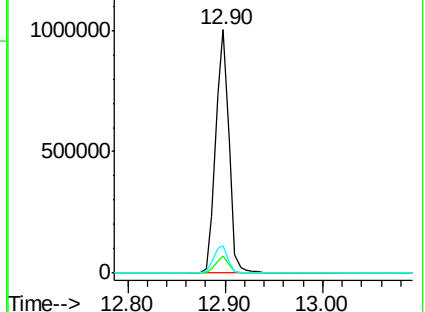
122 11.4 11.0 16.4

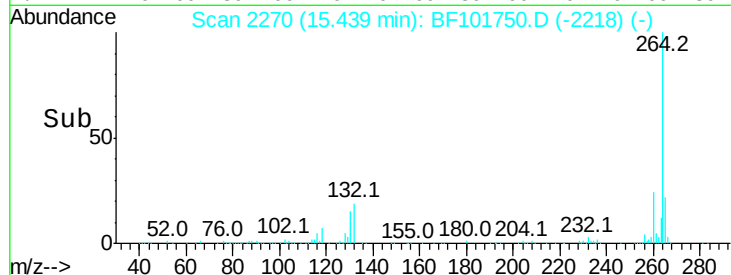
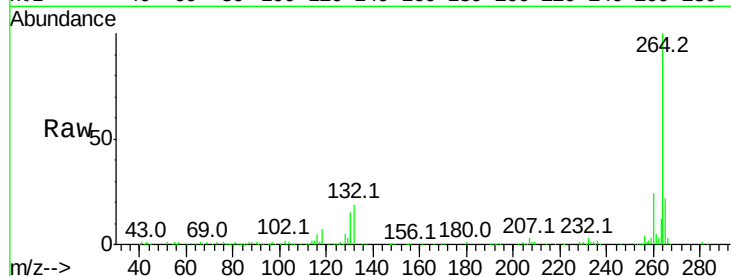
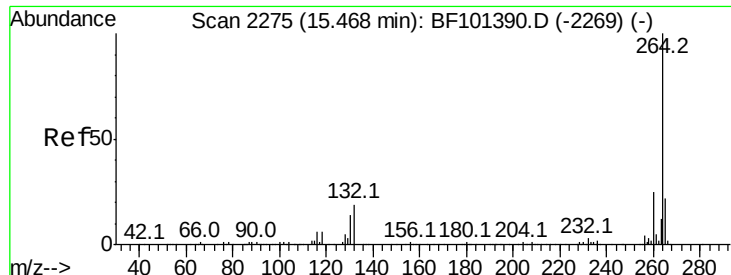


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101750.D
Acq: 27 Dec 2017 8:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	241935
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.8	17.5	26.3

