

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101107.D
 Acq On : 4 Dec 2017 19:22
 Operator : SJ/JU
 Sample : I6645-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:22:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

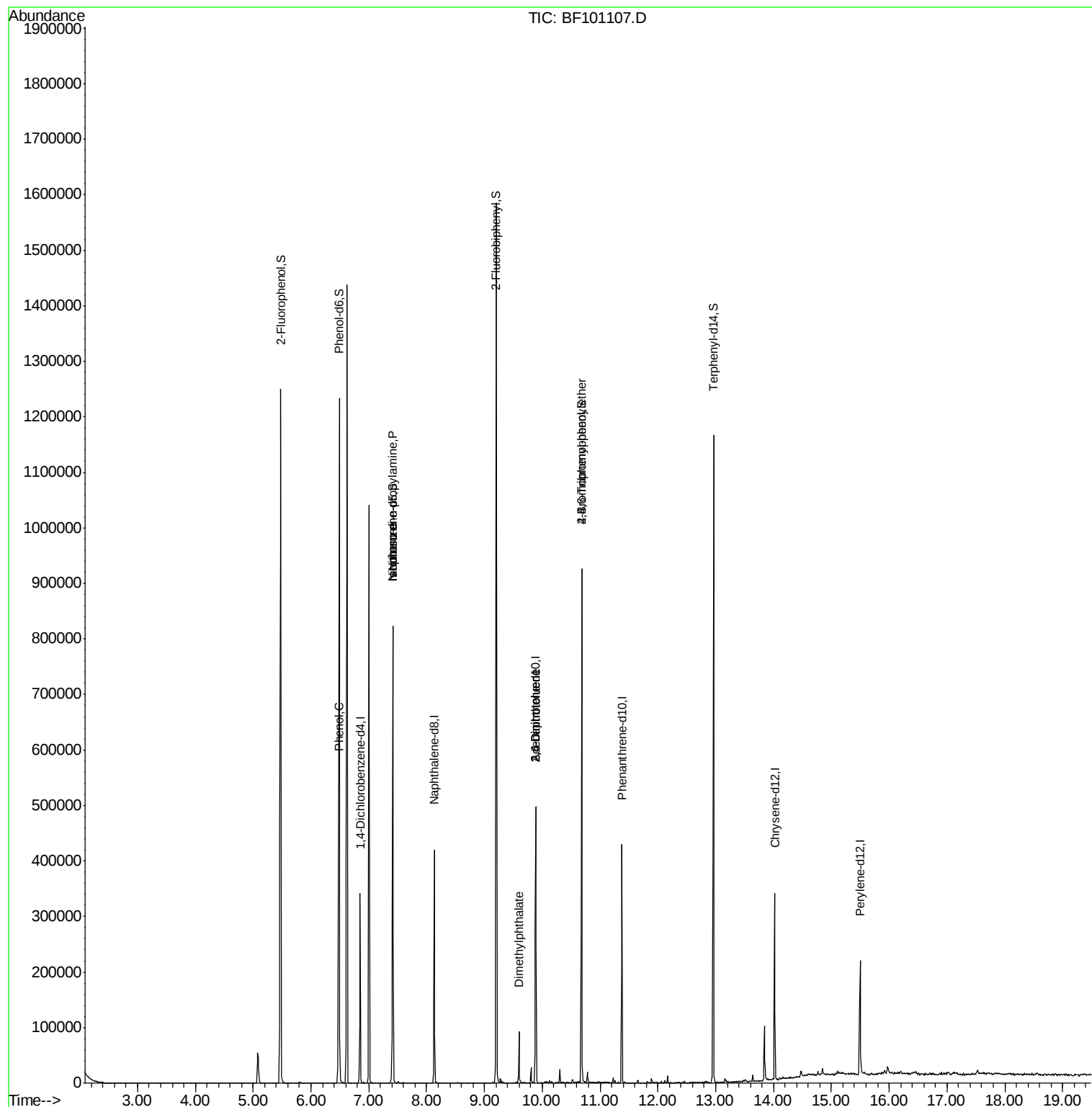
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52491	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	203108	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	89676	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	146757	20.00	ng	0.00
75) Chrysene-d12	14.02	240	115968	20.00	ng	0.00
86) Perylene-d12	15.50	264	104722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	337428	106.22	ng	0.01
7) Phenol-d6	6.49	99	428480	111.10	ng	0.00
23) Nitrobenzene-d5	7.42	82	251211	73.78	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	110489	102.56	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	521399	79.55	ng	0.00
78) Terphenyl-d14	12.96	244	395967	74.68	ng	0.00
Target Compounds						
10) Phenol	6.50	94	8827	2.058	ng	94
19) n-Nitroso-di-n-propylamine	7.42	70	32567	12.539	ng	# 79
25) Isophorone	7.42	82	251207	43.194	ng	# 64
49) Dimethylphthalate	9.60	163	36714	5.076	ng	# 99
50) 2,6-Dinitrotoluene	9.89	165	11159	7.326	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	11159	5.466	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	6496	3.954	ng	# 1

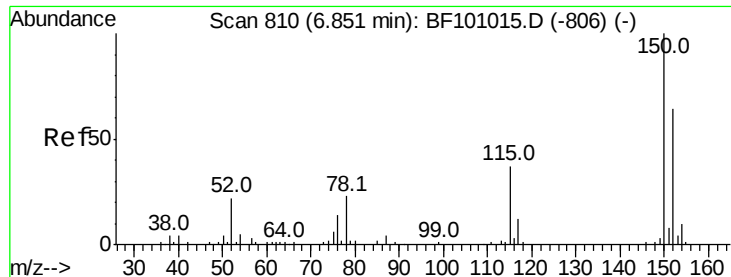
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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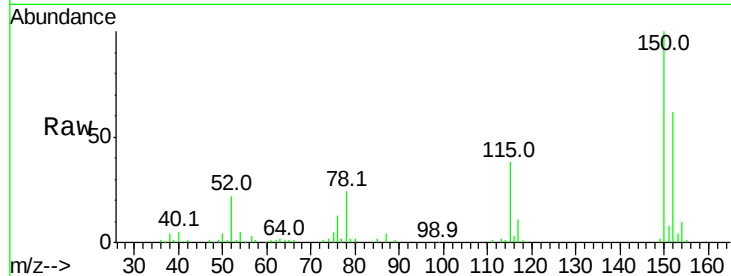


#1

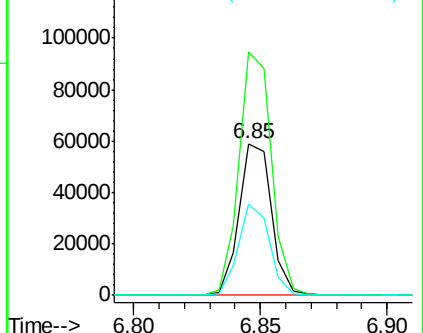
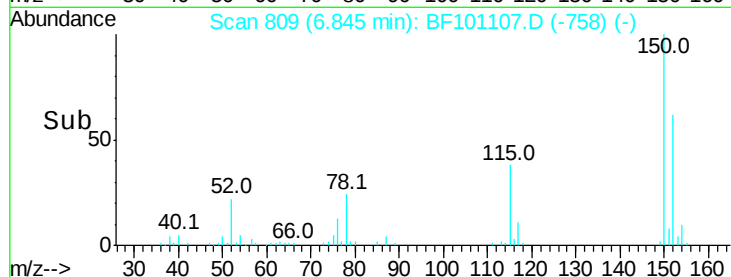
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 52491
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 60.3 50.1 75.1



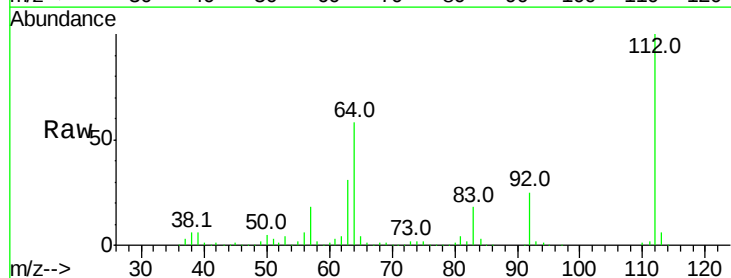
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



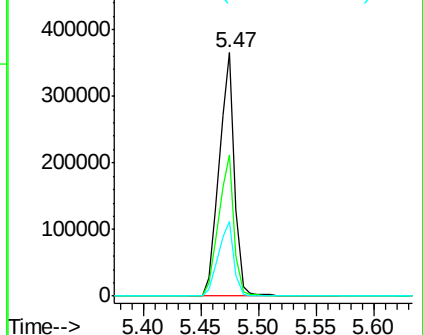
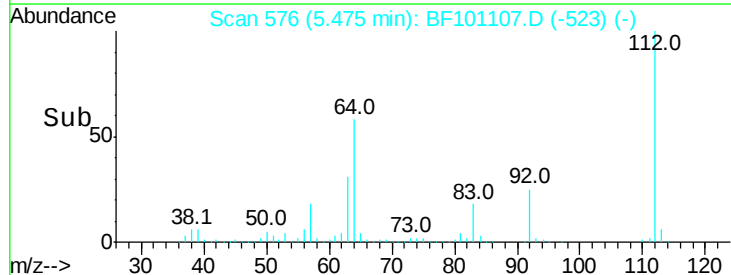
#5

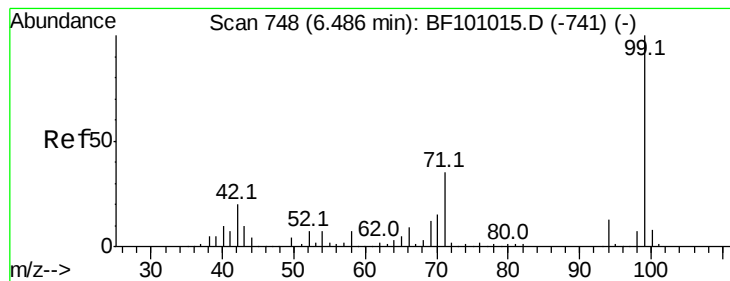
2-Fluorophenol
Concen: 106.224 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

Tgt Ion:112 Resp: 337428
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 30.6 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: 111.101 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101107.D

Acq: 4 Dec 2017 19:22

Instrument :

BNA_F

ClientSampleId :

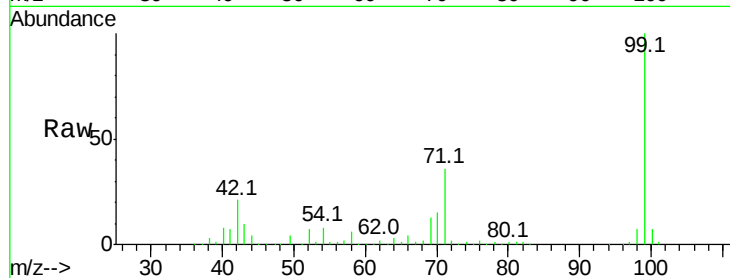
Tot Ion: 99 Resp: 428480

Ion Ratio Lower Upper

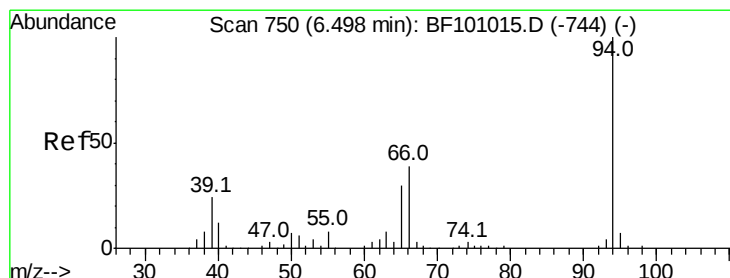
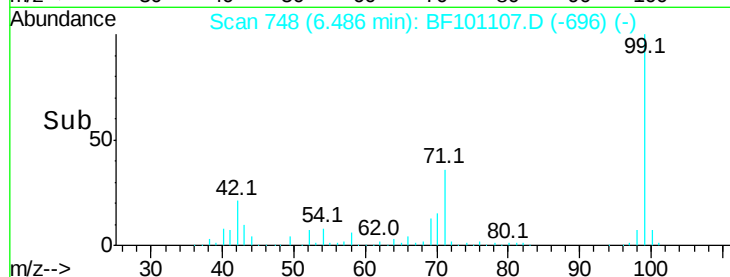
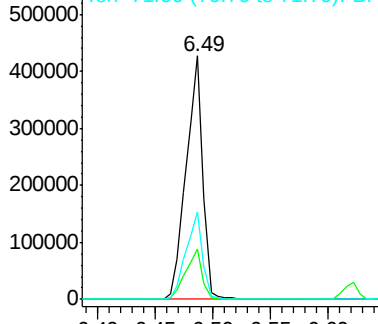
99 100

42 20.6 14.5 21.7

71 35.9 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



#10

Phenol

Concen: 2.058 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101107.D

Acq: 4 Dec 2017 19:22

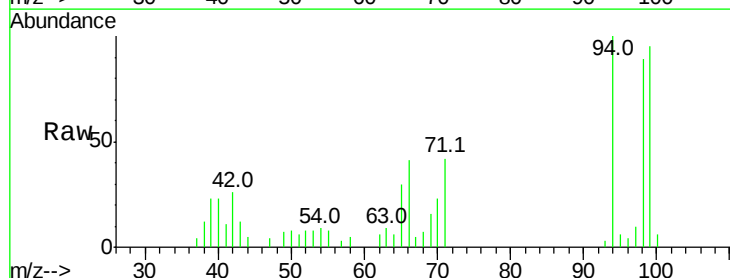
Tgt Ion: 94 Resp: 8827

Ion Ratio Lower Upper

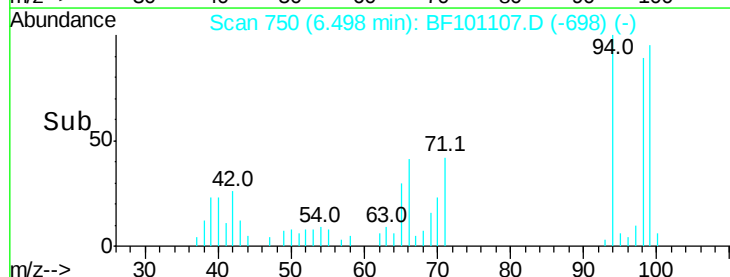
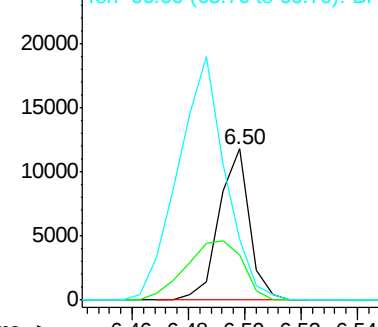
94 100

65 29.9 7.9 47.9

66 40.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 12.539 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF101107.D

Acq: 4 Dec 2017 19:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 32567

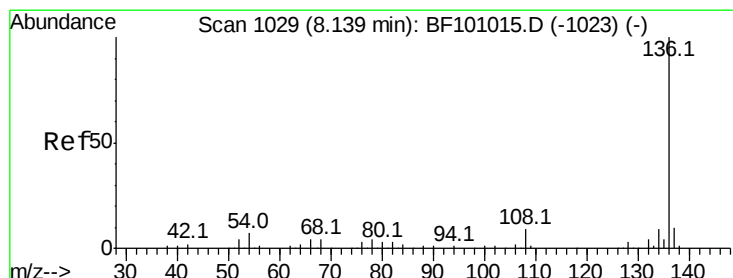
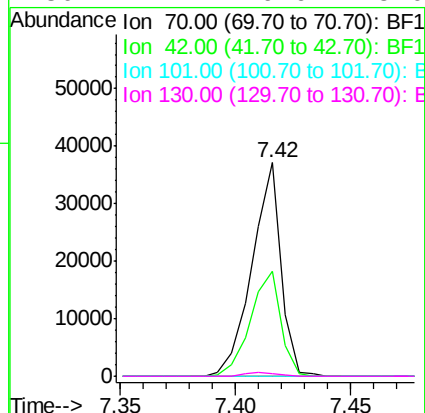
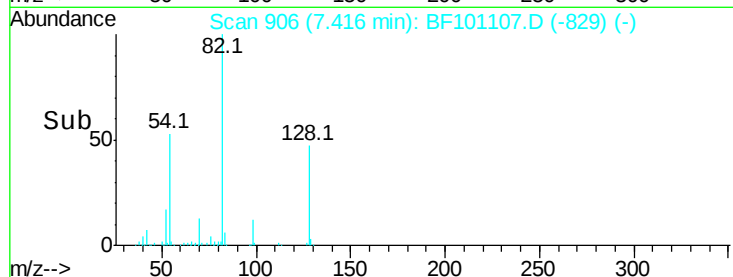
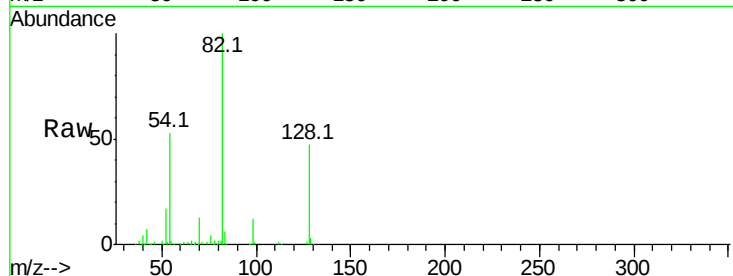
Ion Ratio Lower Upper

70 100

42 49.1 47.5 71.3

101 0.0 7.4 11.2#

130 1.4 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF101107.D

Acq: 4 Dec 2017 19:22

Tgt Ion: 136 Resp: 203108

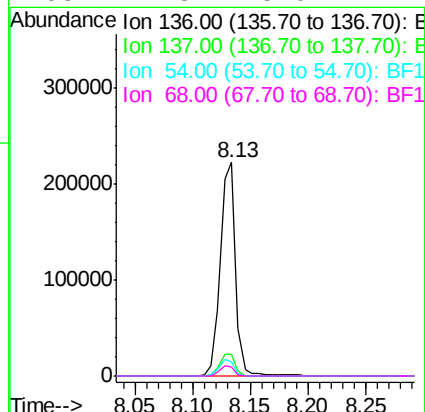
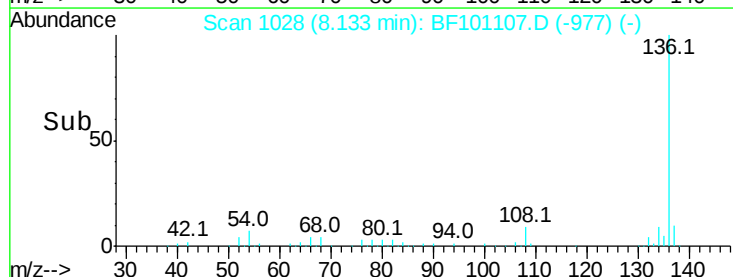
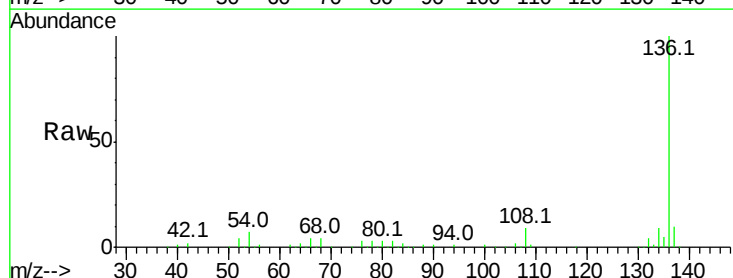
Ion Ratio Lower Upper

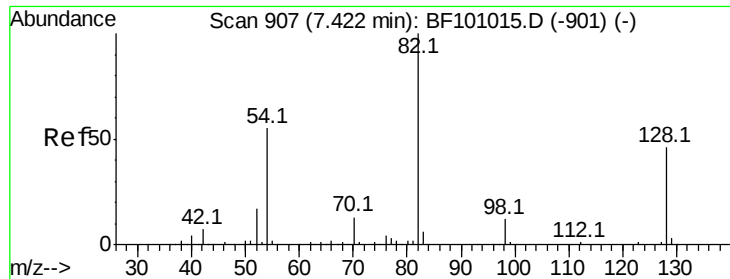
136 100

137 10.3 8.9 13.3

54 6.6 6.6 9.8

68 4.3 5.0 7.4#

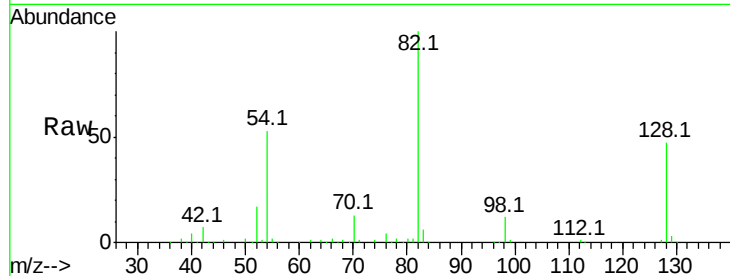




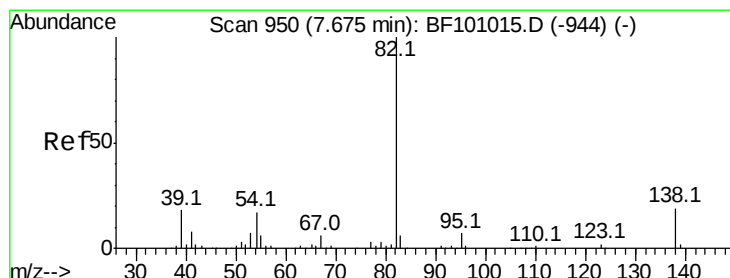
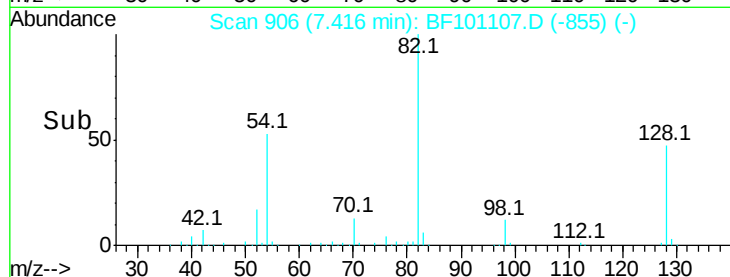
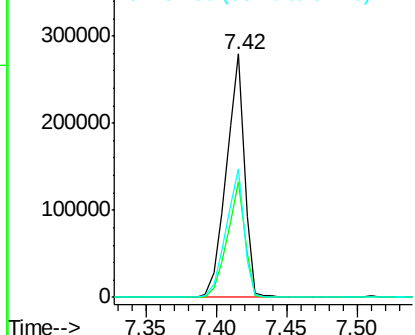
#23
Nitrobenzene-d5
Concen: 73.781 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 251211
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 52.9 41.4 62.2

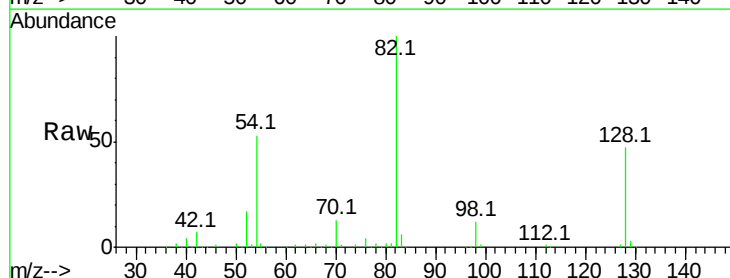


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

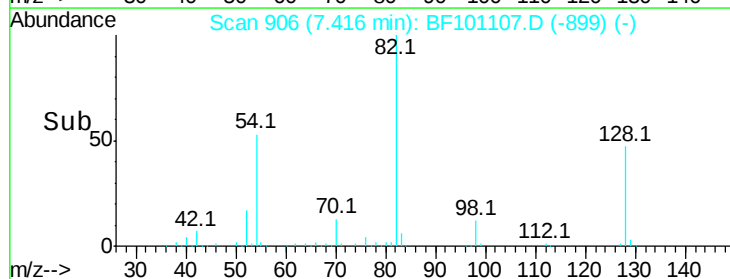
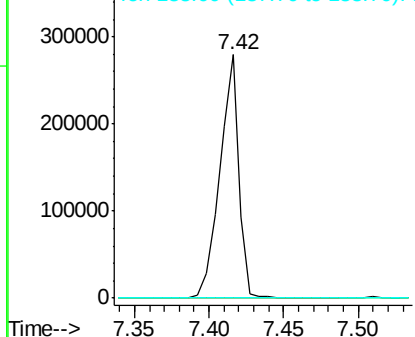


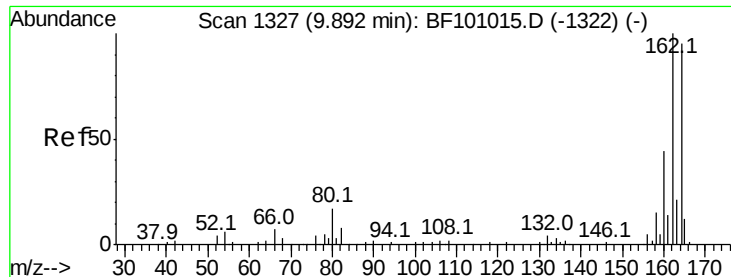
#25
Isophorone
Concen: 43.194 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

Tgt Ion: 82 Resp: 251207
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

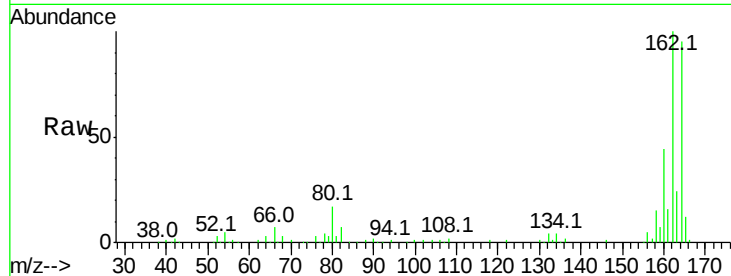




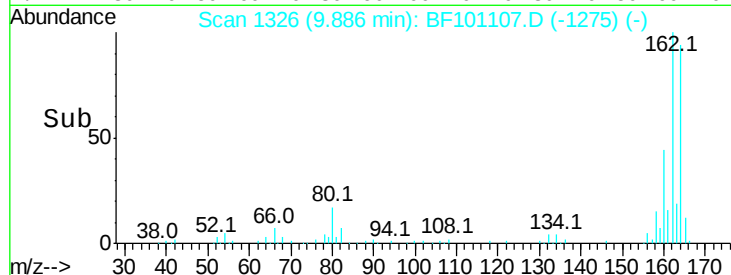
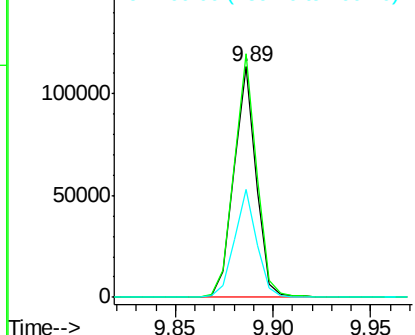
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 89676
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 46.9 38.3 57.5

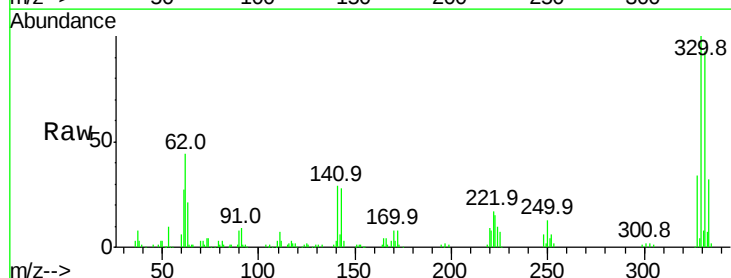


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

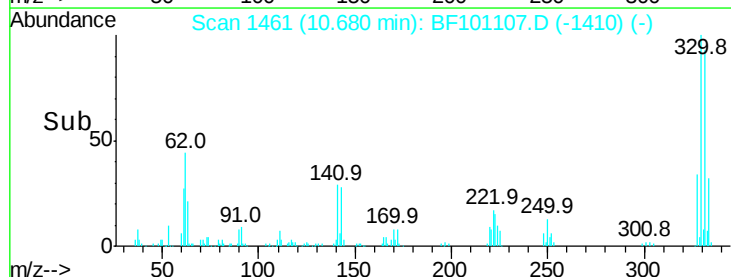
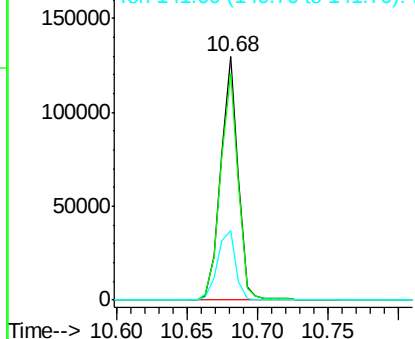


#41
2,4,6-Tribromophenol
Concen: 102.564 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

Tgt Ion:330 Resp: 110489
Ion Ratio Lower Upper
330 100
332 94.7 77.0 115.6
141 29.9 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

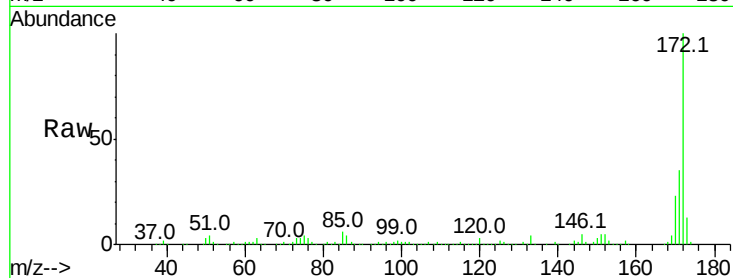




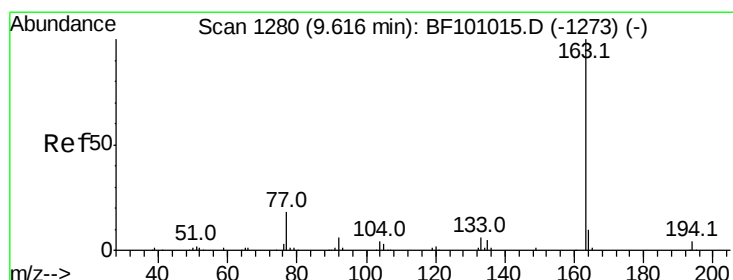
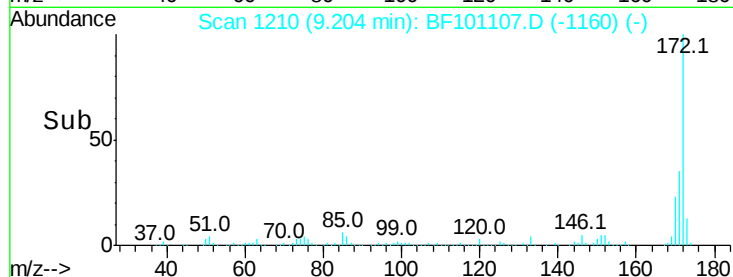
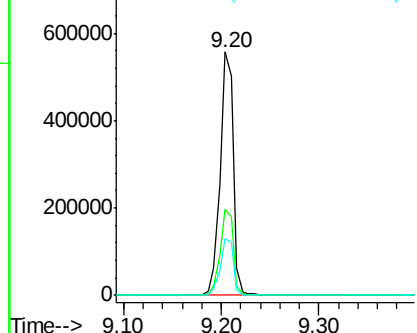
#44
2-Fluorobiphenyl
Concen: 79.551 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 521399
Ion Ratio Lower Upper
172 100
171 35.2 29.7 44.5
170 23.5 19.6 29.4

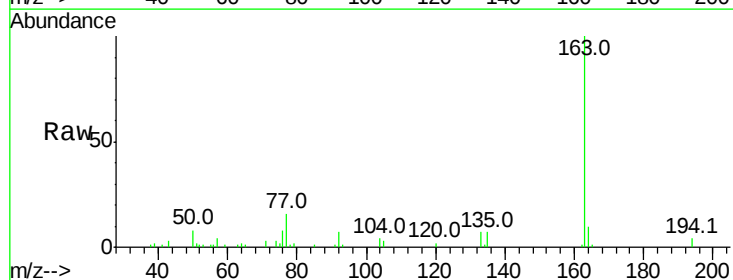


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

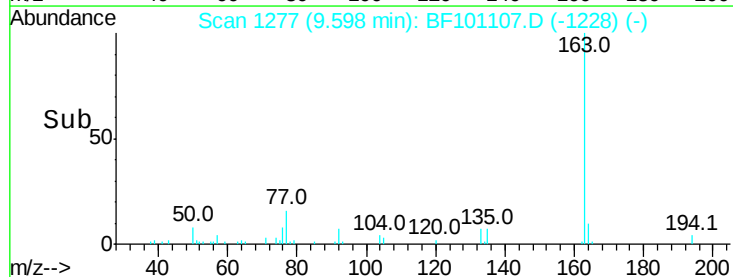
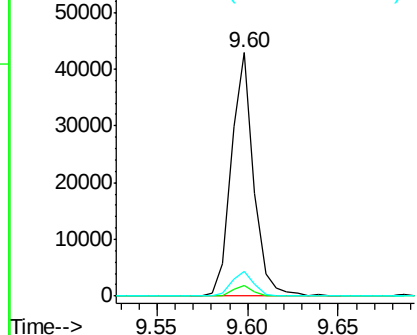


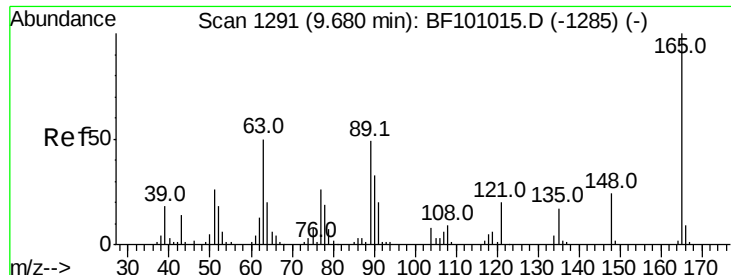
#49
Dimethylphthalate
Concen: 5.076 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101107.D
Acq: 4 Dec 2017 19:22

Tgt Ion:163 Resp: 36714
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 9.9 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

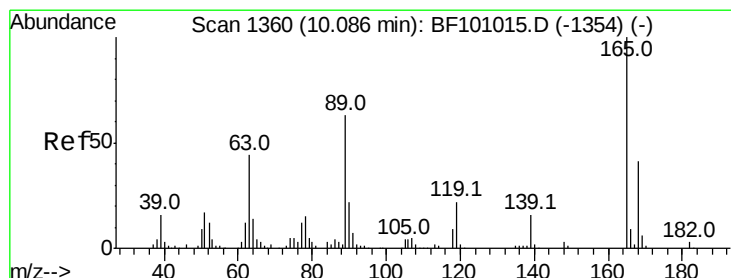
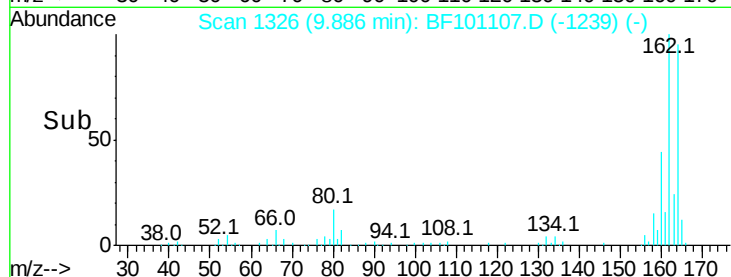
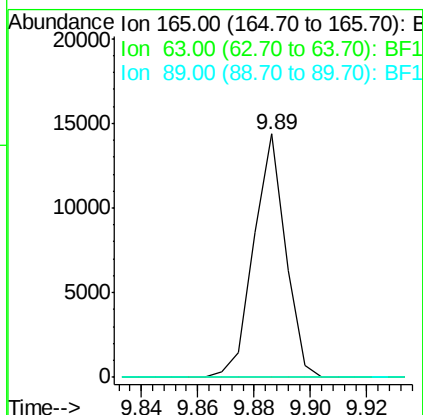
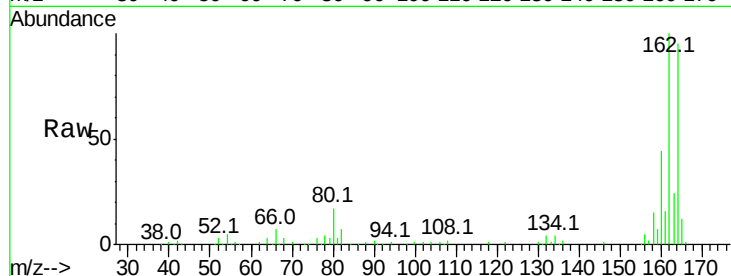




#50
 2,6-Dinitrotoluene
 Concen: 7.326 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF101107.D
 Acq: 4 Dec 2017 19:22

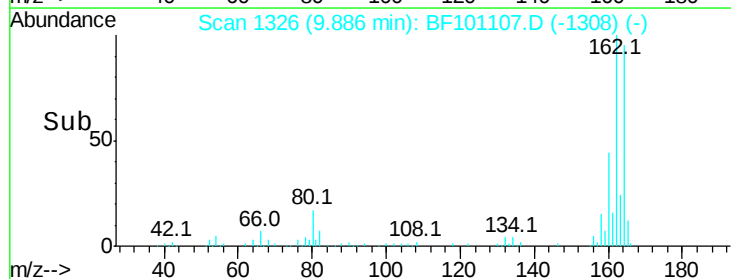
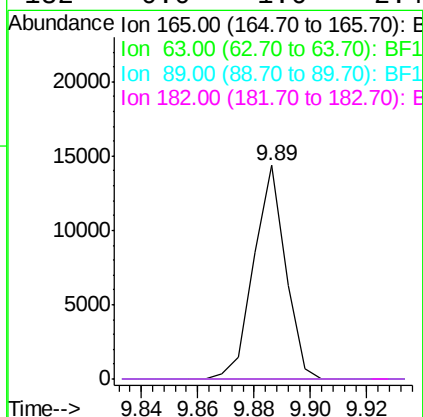
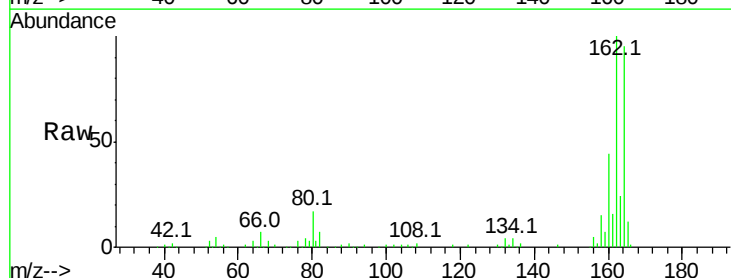
Instrument :
 BNA_F
 ClientSampleId :

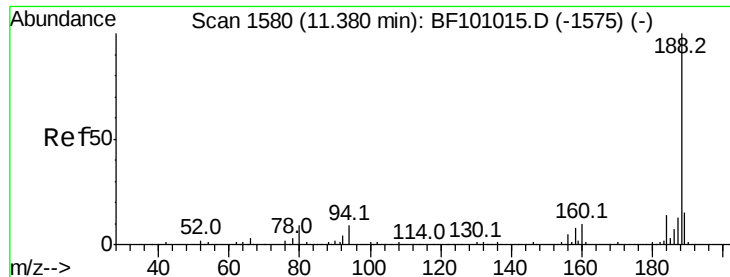
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.466 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101107.D
 Acq: 4 Dec 2017 19:22

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#

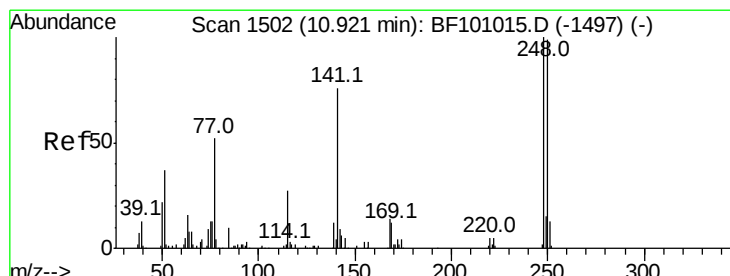
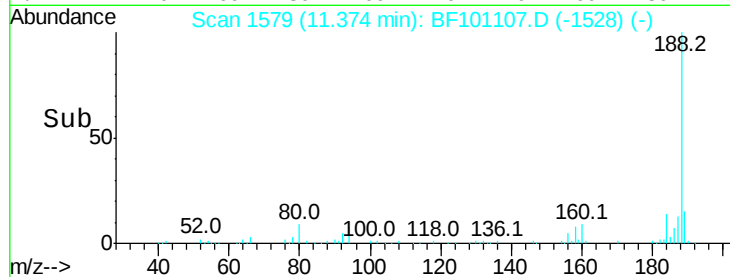
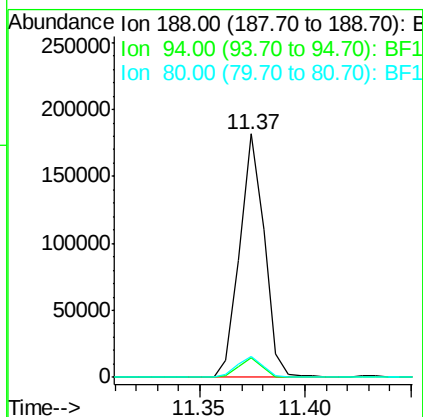
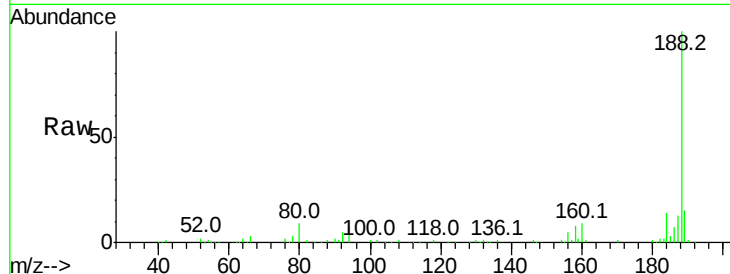




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101107.D
 Acq: 4 Dec 2017 19:22

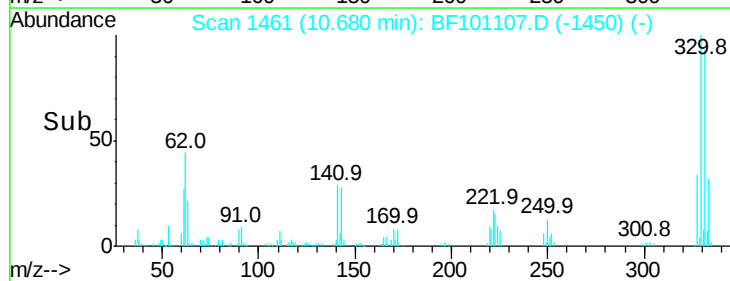
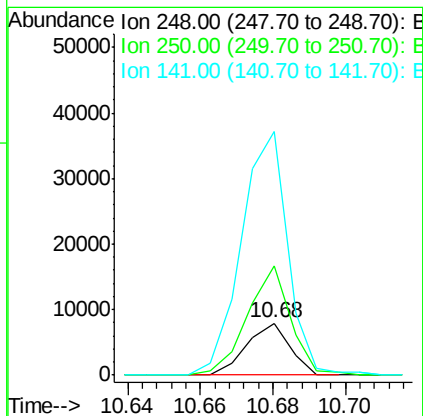
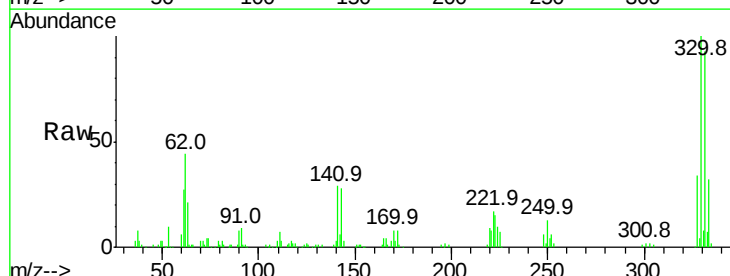
Instrument :
 BNA_F
 ClientSampleId :

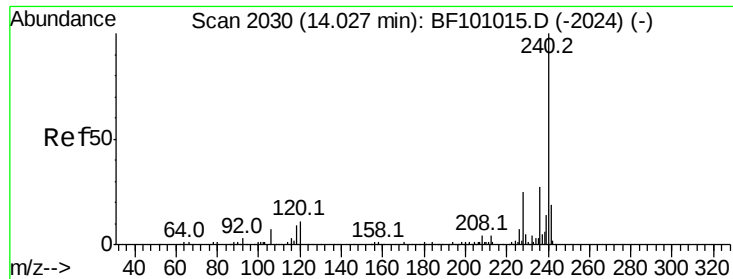
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.7	9.2	13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.954 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF101107.D
 Acq: 4 Dec 2017 19:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	210.5	76.9	115.3#
141	471.8	74.4	111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF101107.D

Acq: 4 Dec 2017 19:22

Instrument :

BNA_F

ClientSampleId :

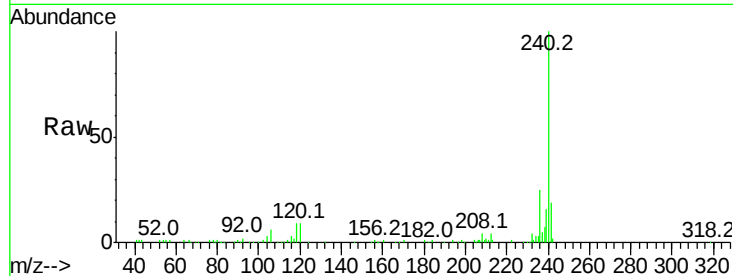
Tot Ion:240 Resp: 115968

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

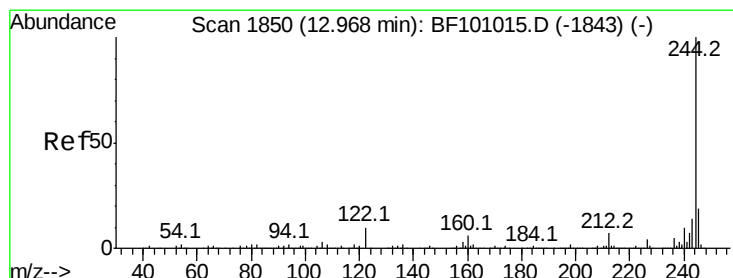
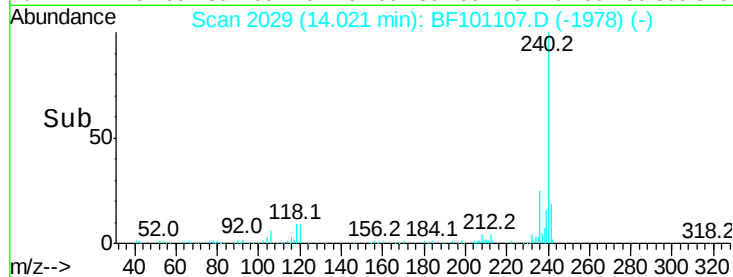
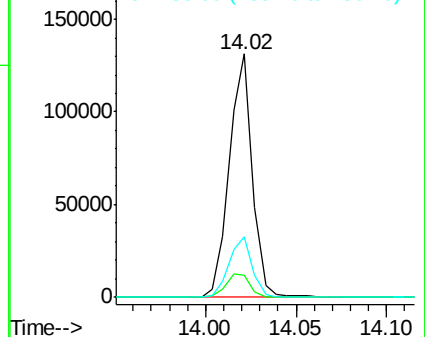
236 25.1 20.7 31.1



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: 74.683 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101107.D

Acq: 4 Dec 2017 19:22

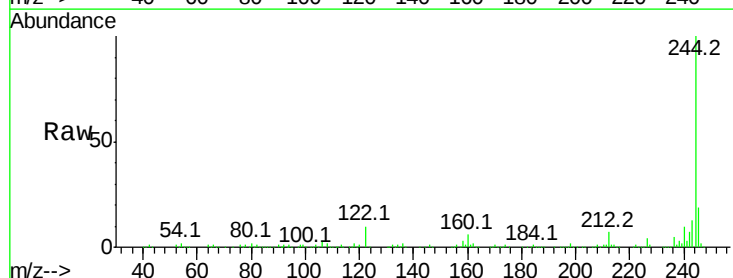
Tgt Ion:244 Resp: 395967

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

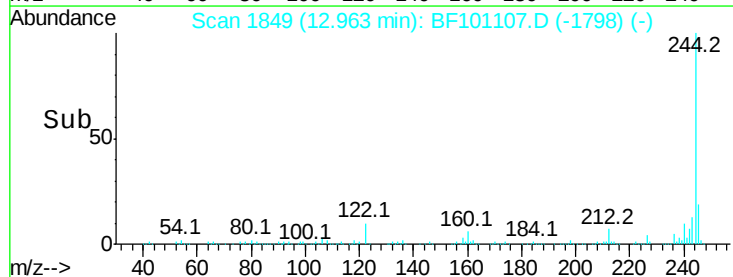
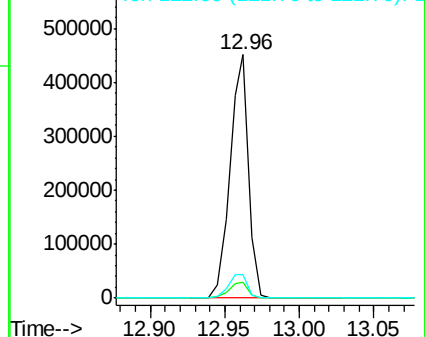
122 9.6 11.0 16.4#

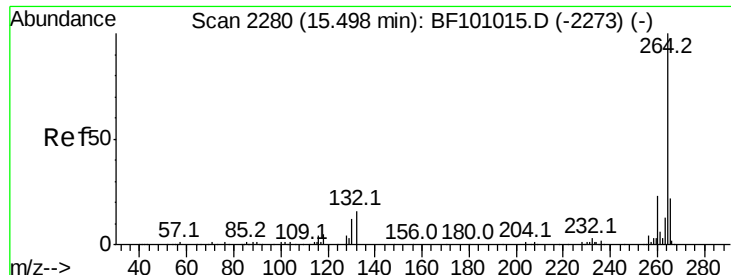


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101107.D
 Acq: 4 Dec 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 104722
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.2 28.8
 265 20.5 17.5 26.3

