

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101110.D
 Acq On : 4 Dec 2017 20:42
 Operator : SJ/JU
 Sample : I6671-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:24:10 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	57742	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	221166	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	99421	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	168582	20.00	ng	0.00
75) Chrysene-d12	14.02	240	123333	20.00	ng	0.00
86) Perylene-d12	15.49	264	105583	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	449327	128.59	ng	0.02
7) Phenol-d6	6.49	99	552726	130.28	ng	0.01
23) Nitrobenzene-d5	7.42	82	337013	90.90	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	132096	110.60	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	649594	89.39	ng	0.00
78) Terphenyl-d14	12.96	244	457113	81.07	ng	0.00

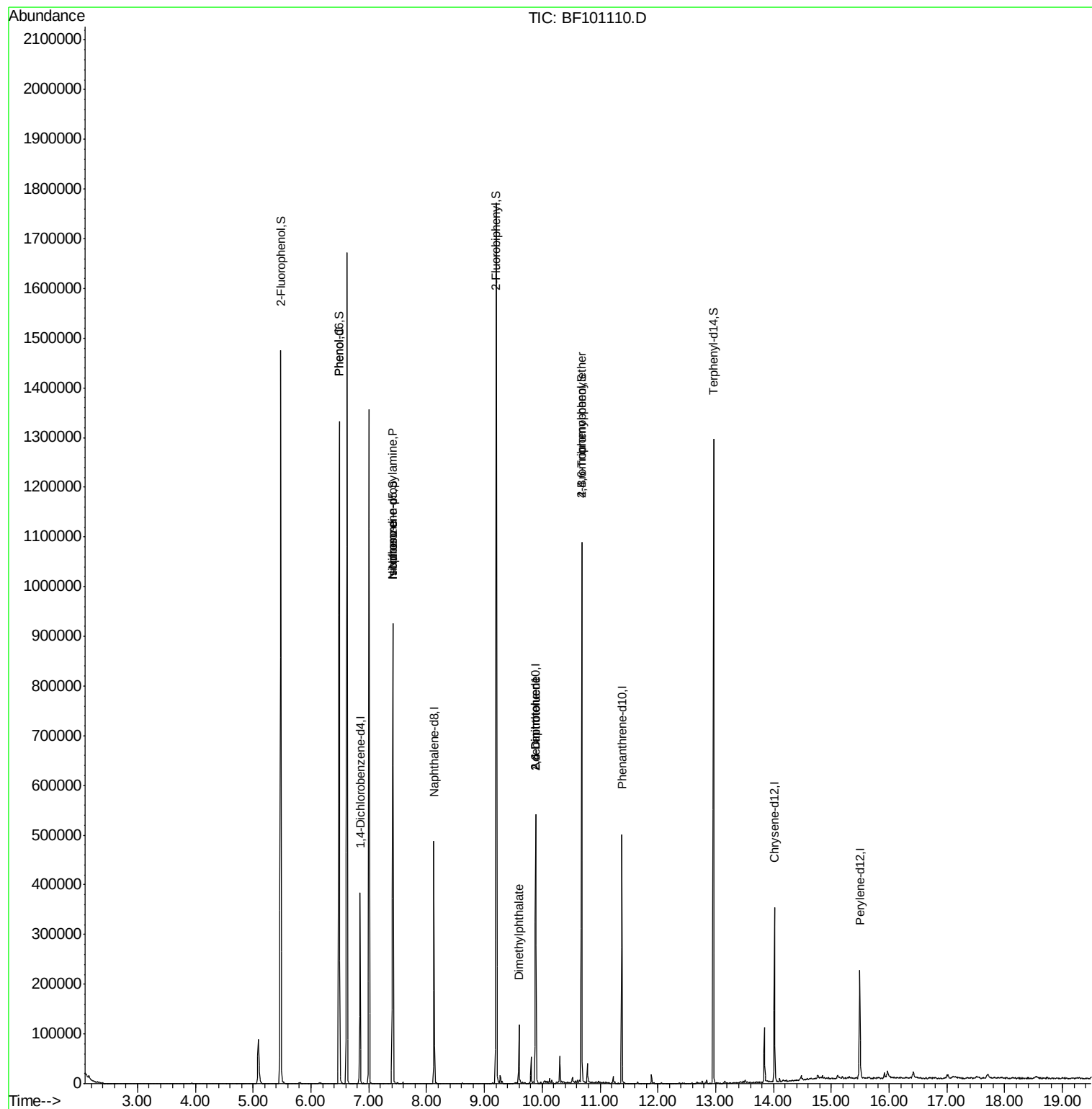
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.50	94	23732	5.031	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	44823	15.688	ng	# 82
25) Isophorone	7.42	82	337005	53.215	ng	# 64
49) Dimethylphthalate	9.60	163	47225	5.890	ng	99
50) 2,6-Dinitrotoluene	9.89	165	13027	7.714	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	13027	5.756	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	8594	4.554	ng	# 1

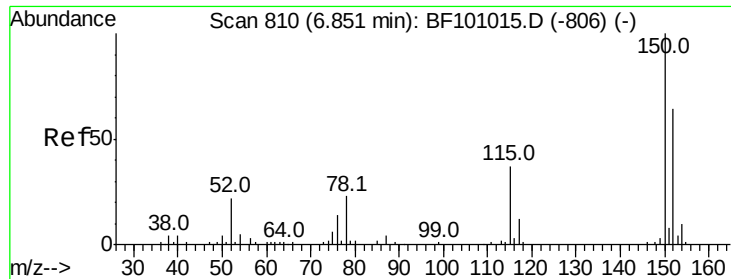
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101110.D
Acq On : 4 Dec 2017 20:42
Operator : SJ/JU
Sample : I6671-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 05 00:24:10 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



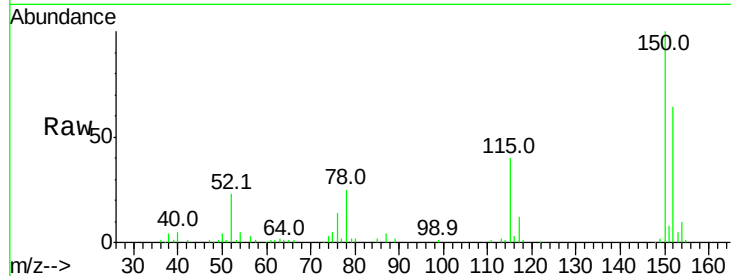


#1

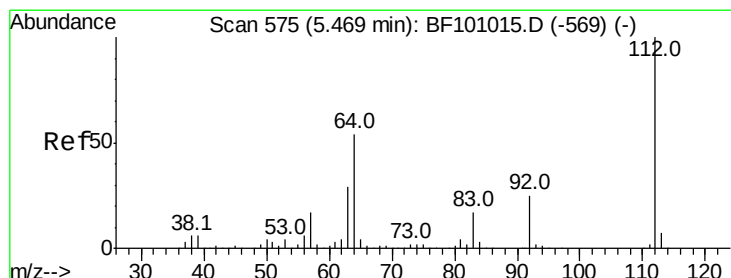
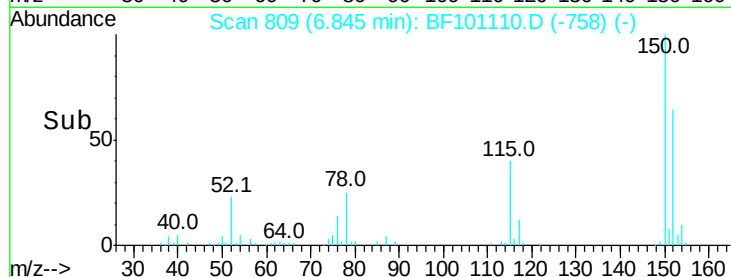
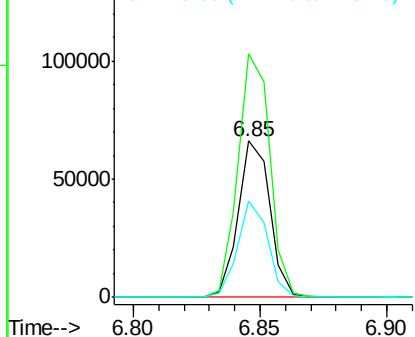
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101110.D
Acq: 4 Dec 2017 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 57742
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 62.0 50.1 75.1



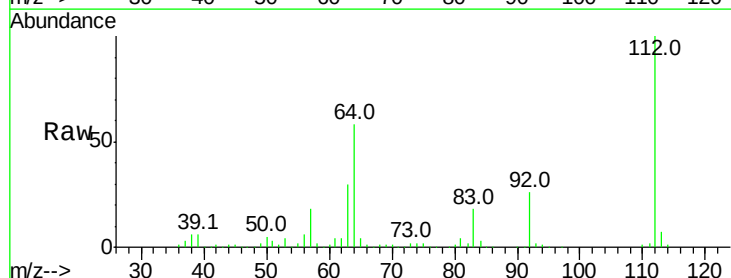
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



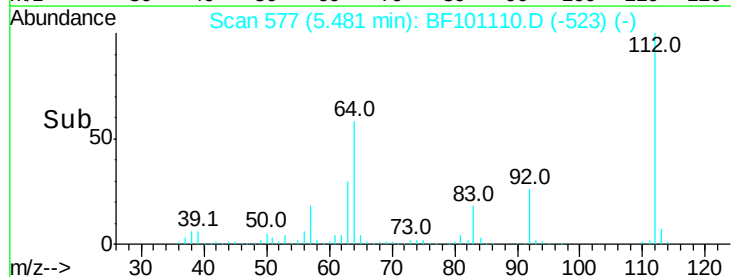
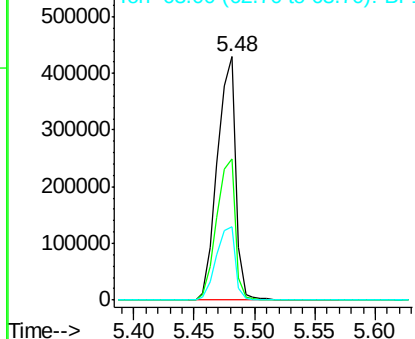
#5

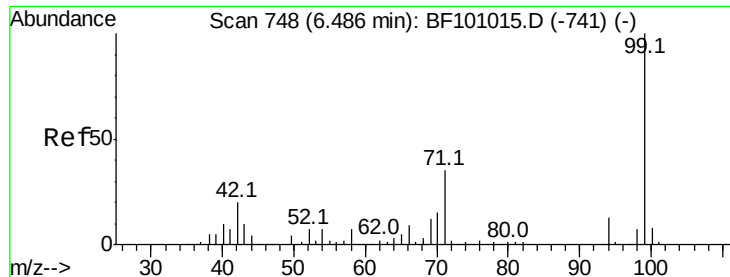
2-Fluorophenol
Concen: 128.587 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF101110.D
Acq: 4 Dec 2017 20:42

Tgt Ion:112 Resp: 449327
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 30.2 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: 130.284 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101110.D

Acq: 4 Dec 2017 20:42

Instrument :

BNA_F

ClientSampleId :

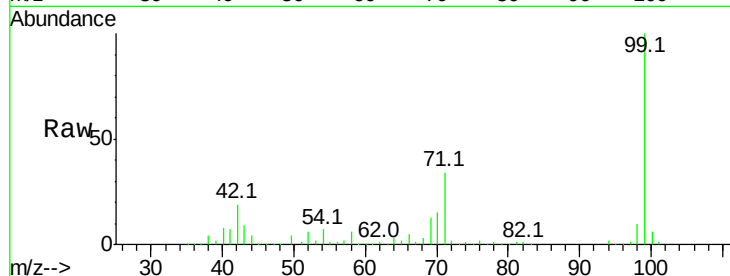
Tot Ion: 99 Resp: 552726

Ion Ratio Lower Upper

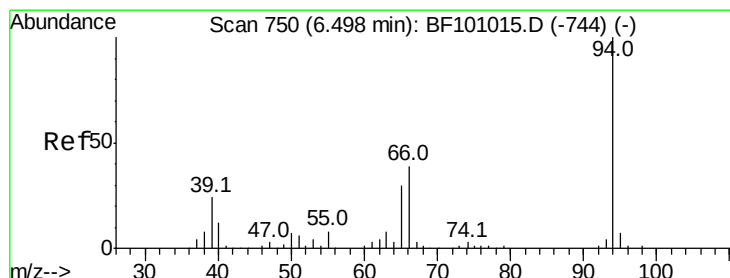
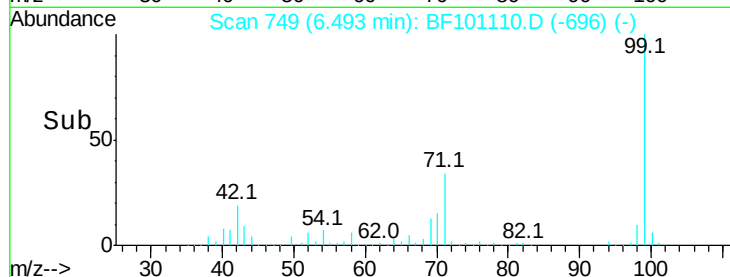
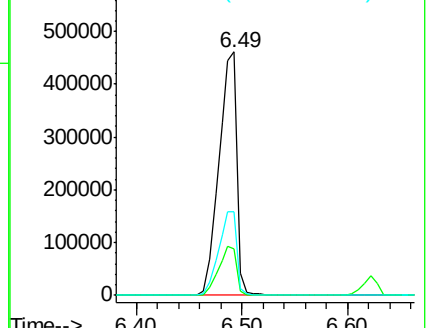
99 100

42 19.0 14.5 21.7

71 34.3 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: 5.031 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101110.D

Acq: 4 Dec 2017 20:42

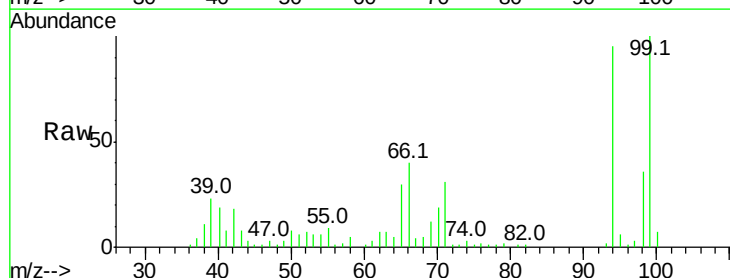
Tgt Ion: 94 Resp: 23732

Ion Ratio Lower Upper

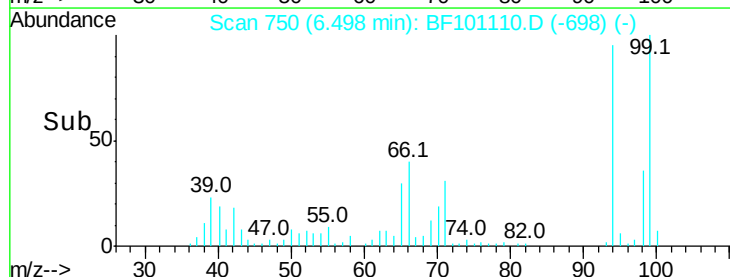
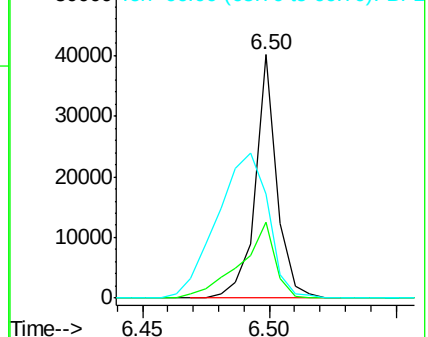
94 100

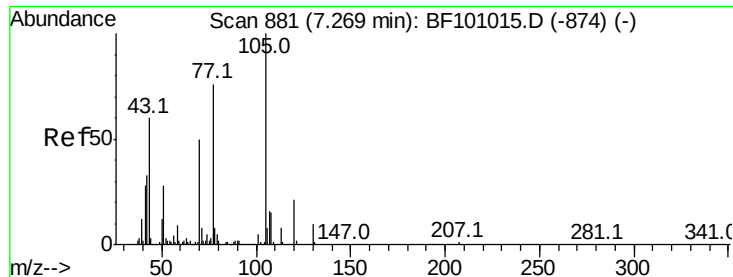
65 31.3 7.9 47.9

66 42.6 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

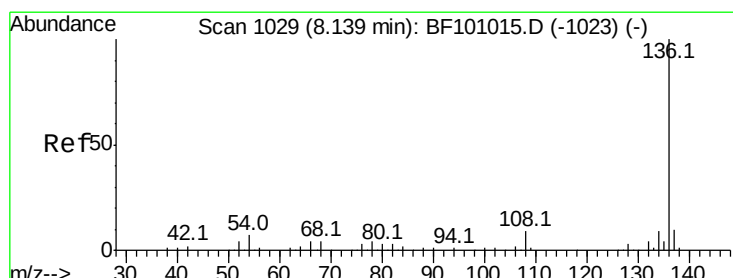
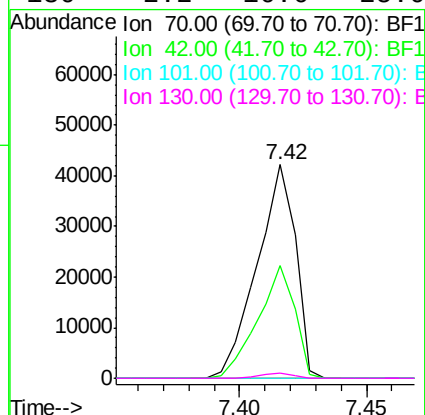
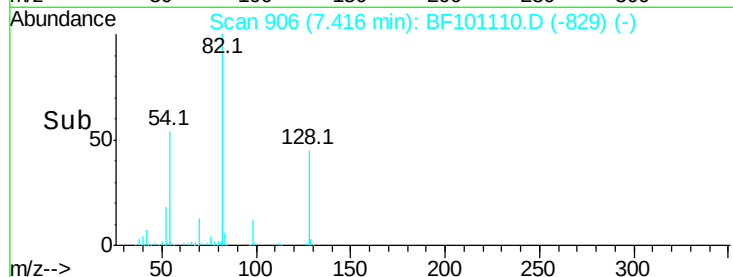
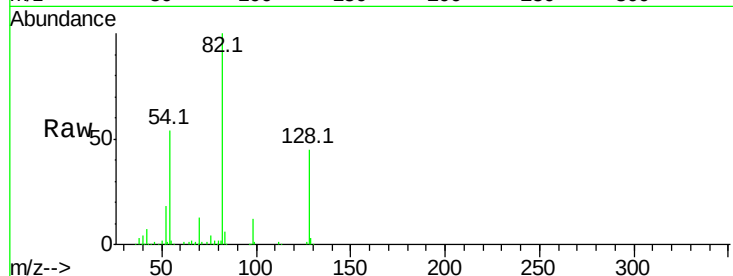




#19
n-Nitroso-di-n-propylamine
Concen: 15.688 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101110.D
Acq: 4 Dec 2017 20:42

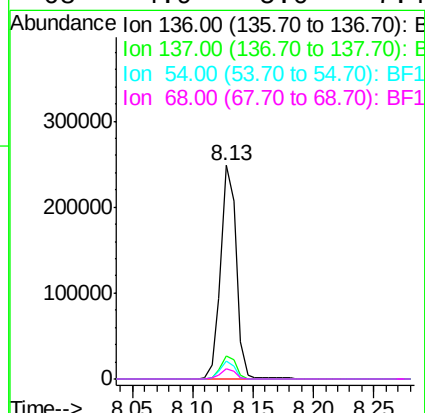
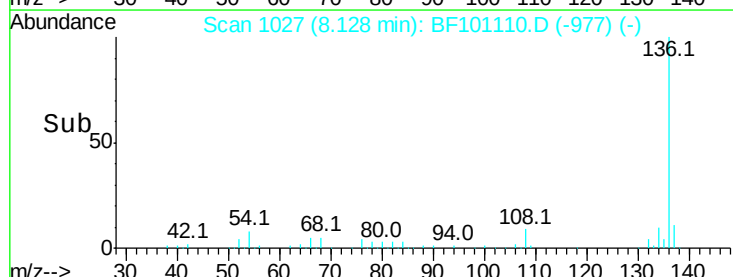
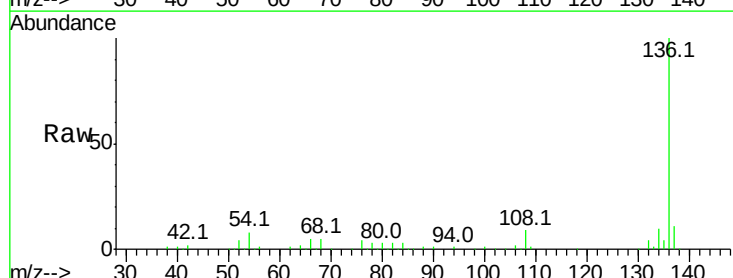
Instrument :
BNA_F
ClientSampleId :

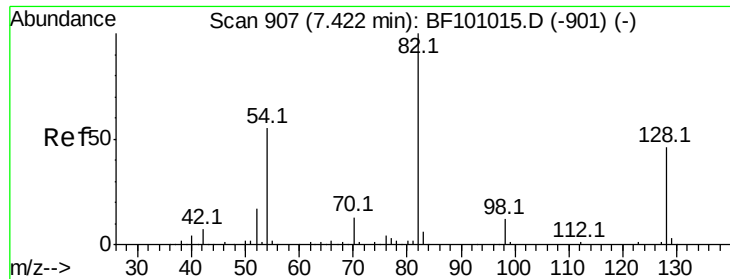
Tot Ion: 70 Resp: 44823
Ion Ratio Lower Upper
70 100
42 52.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101110.D
Acq: 4 Dec 2017 20:42

Tgt Ion:136 Resp: 221166
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.2 6.6 9.8
68 4.9 5.0 7.4#

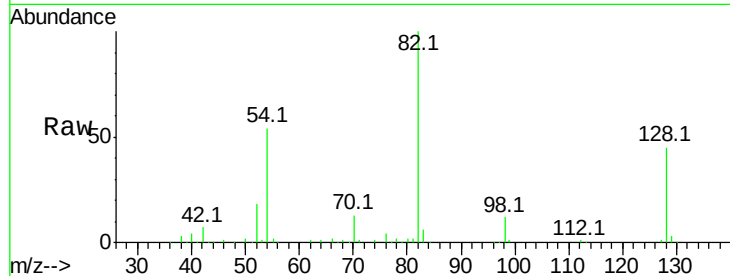




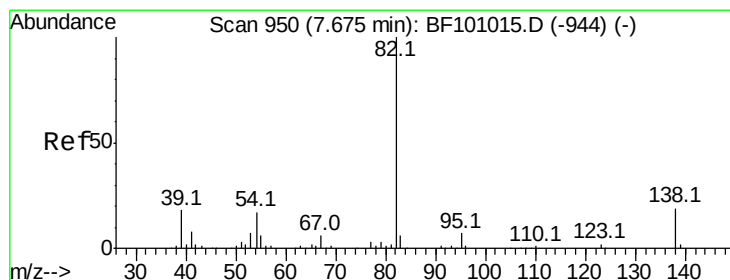
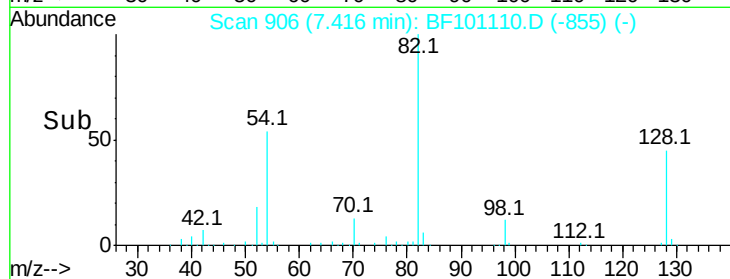
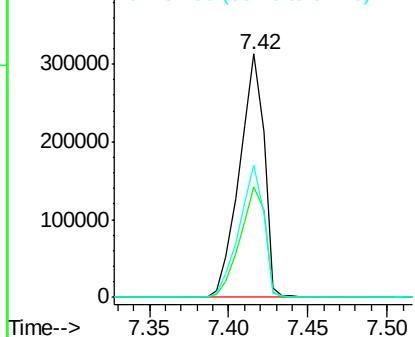
#23
 Nitrobenzene-d5
 Concen: 90.900 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF101110.D
 Acq: 4 Dec 2017 20:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	337013
Ion Ratio	100		
Lower			
Upper			
82	100		
128	45.2	36.1	54.1
54	54.1	41.4	62.2

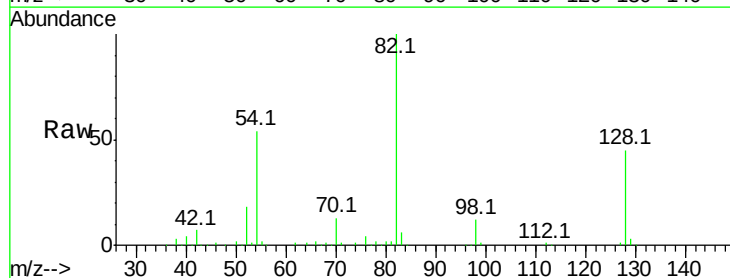


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

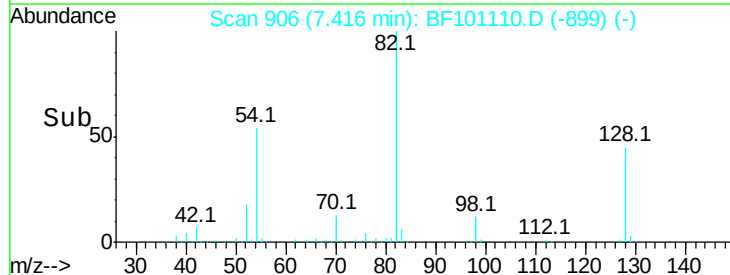
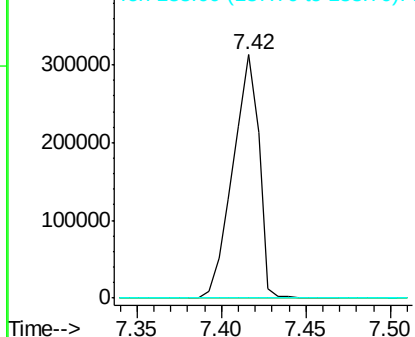


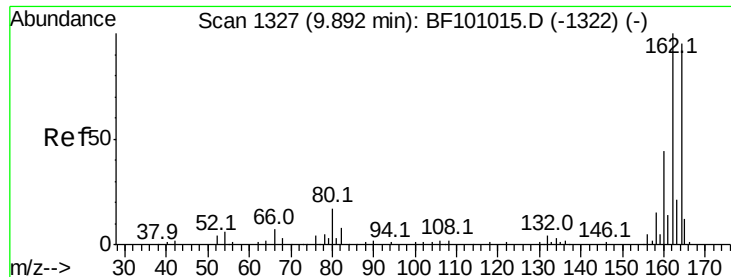
#25
 Isophorone
 Concen: 53.215 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF101110.D
 Acq: 4 Dec 2017 20:42

Tgt Ion	82	Resp	337005
Ion Ratio	100		
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

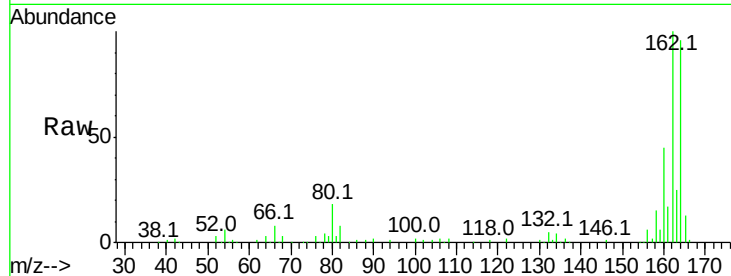




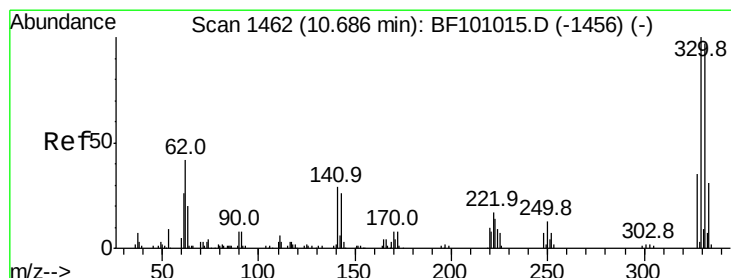
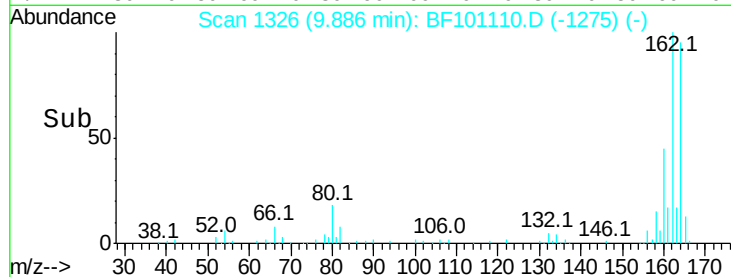
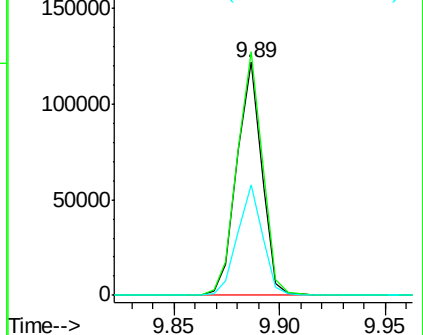
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101110.D
Acq: 4 Dec 2017 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 99421
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 47.3 38.3 57.5

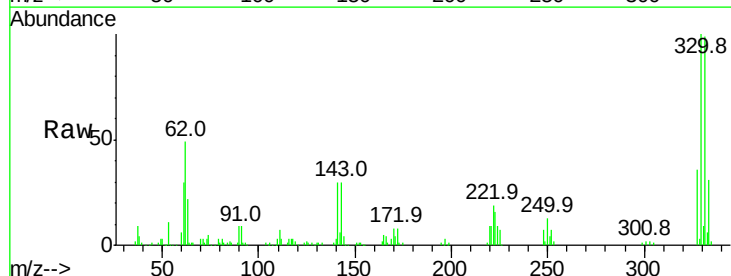


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

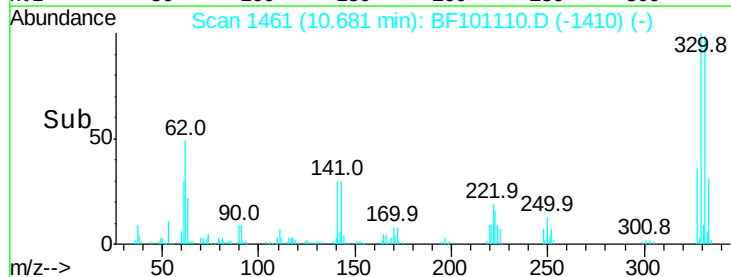
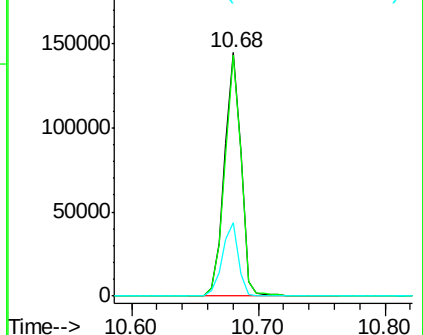


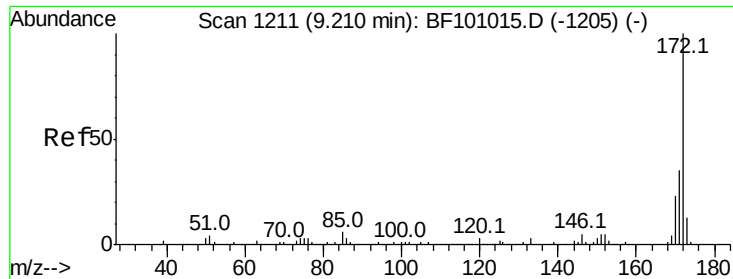
#41
2,4,6-Tribromophenol
Concen: 110.603 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101110.D
Acq: 4 Dec 2017 20:42

Tgt Ion:330 Resp: 132096
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 29.3 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

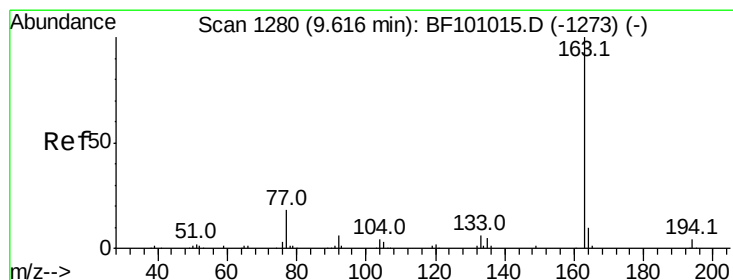
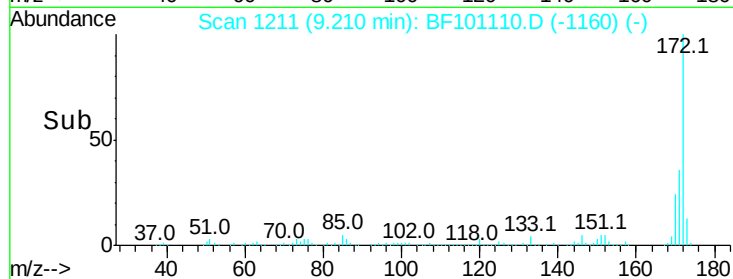
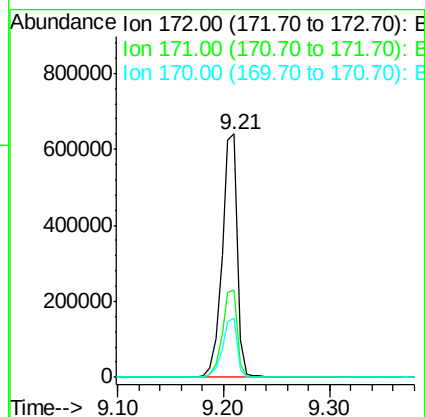
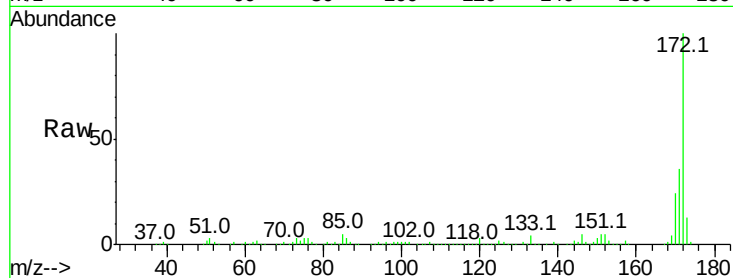




#44
2-Fluorobiphenyl
Concen: 89.395 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF101110.D
Acq: 4 Dec 2017 20:42

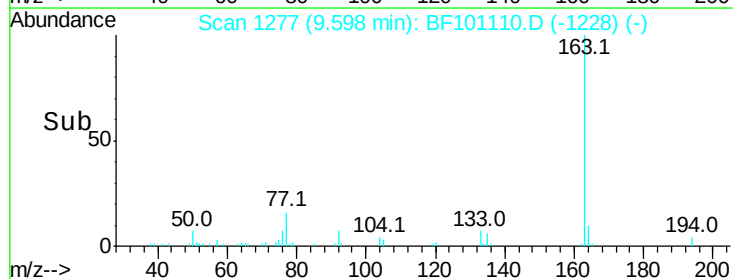
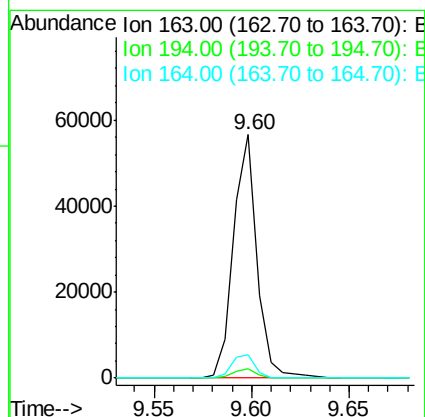
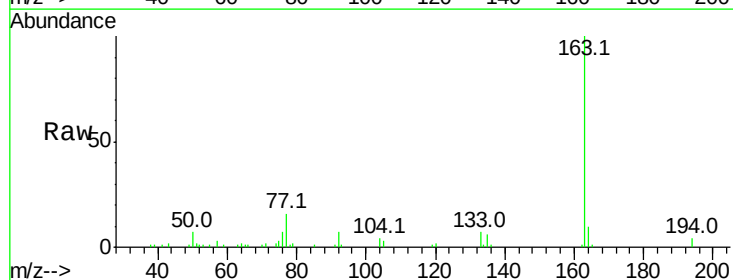
Instrument :
BNA_F
ClientSampleId :

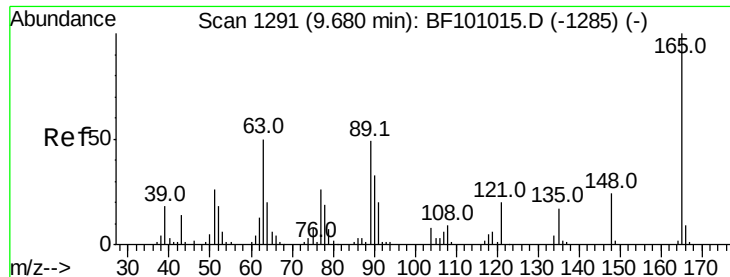
Tot Ion:172 Resp: 649594
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.2 19.6 29.4



#49
Dimethylphthalate
Concen: 5.890 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101110.D
Acq: 4 Dec 2017 20:42

Tgt Ion:163 Resp: 47225
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 9.8 8.2 12.2

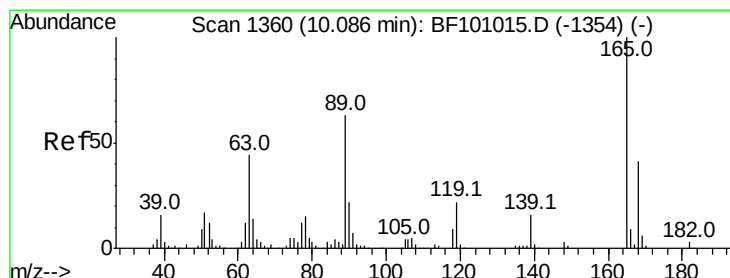
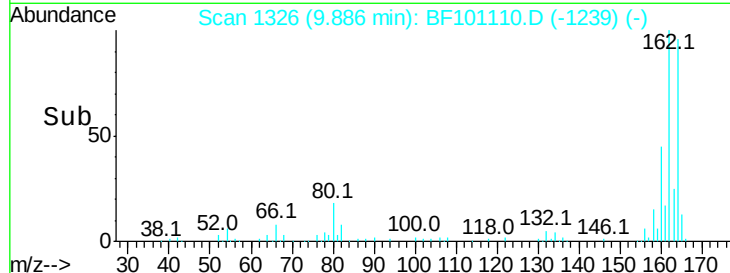
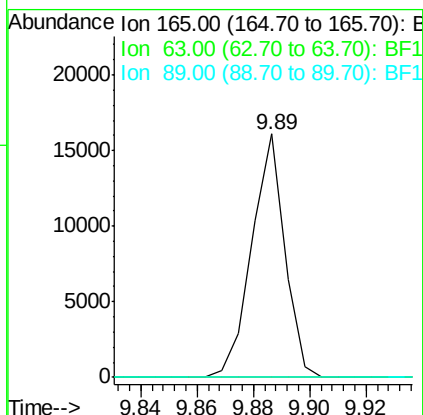
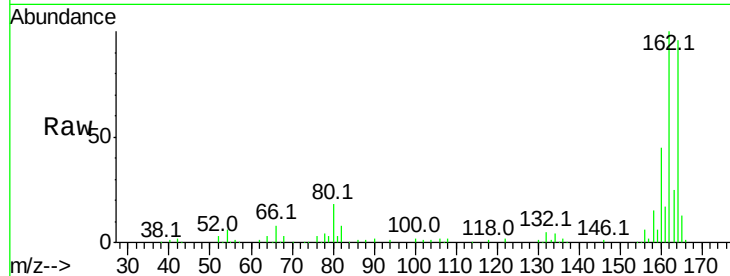




#50
 2,6-Dinitrotoluene
 Concen: 7.714 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF101110.D
 Acq: 4 Dec 2017 20:42

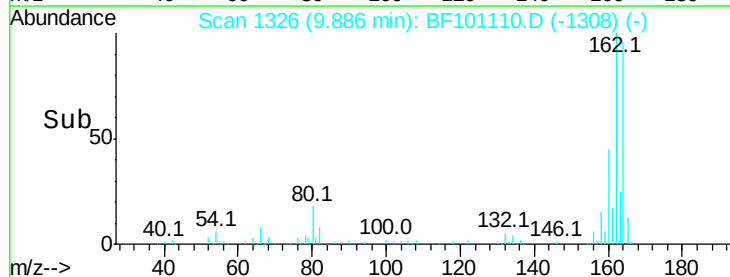
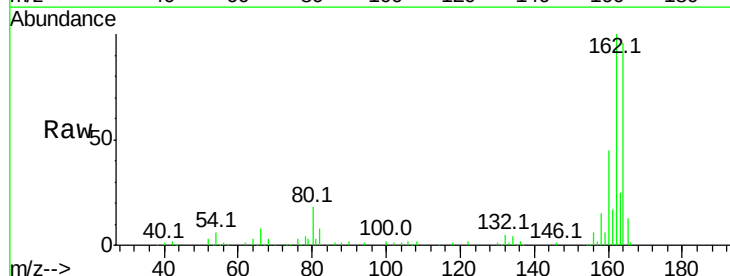
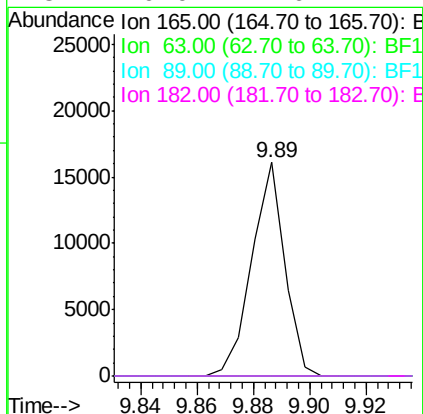
Instrument :
 BNA_F
 ClientSampleId :

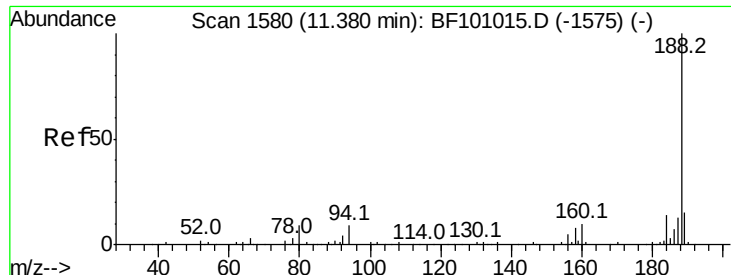
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.756 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101110.D
 Acq: 4 Dec 2017 20:42

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#

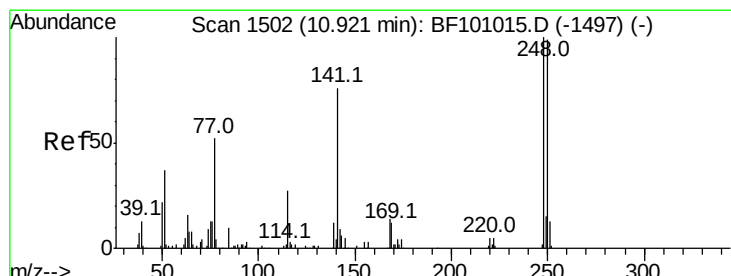
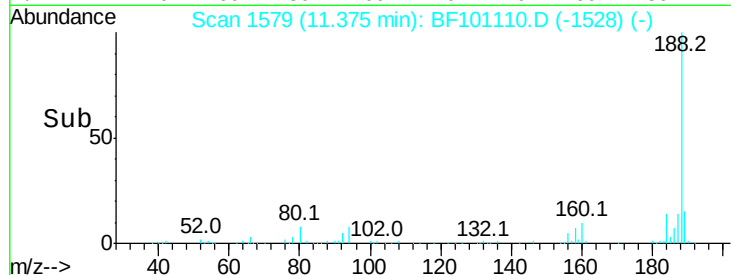
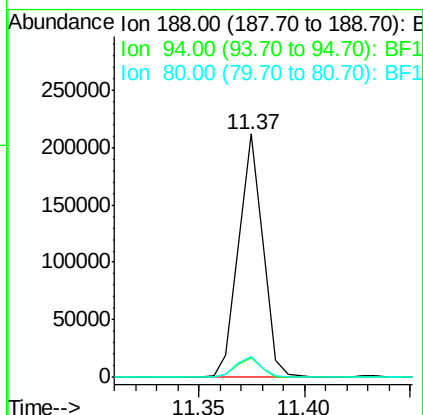
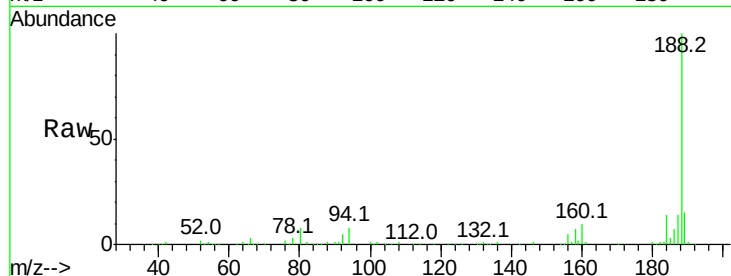




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101110.D
 Acq: 4 Dec 2017 20:42

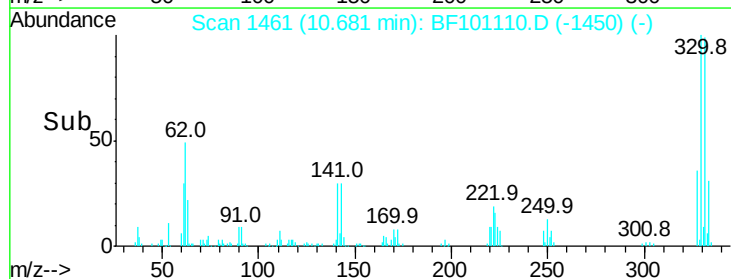
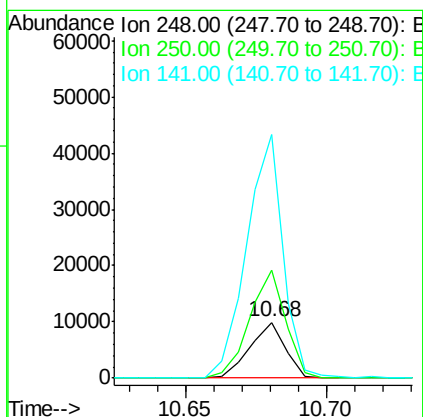
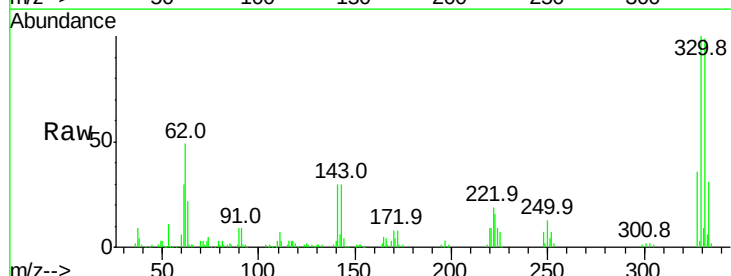
Instrument :
 BNA_F
 ClientSampled :

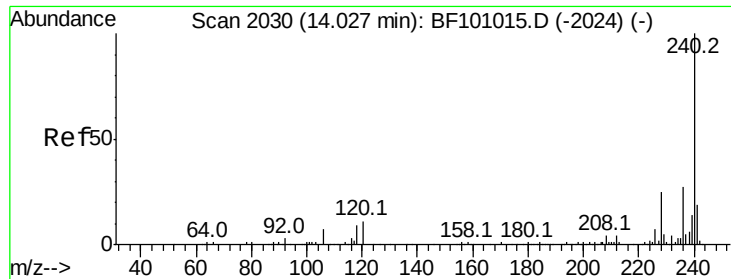
Tot Ion:188 Resp: 168582
 Ion Ratio Lower Upper
 188 100
 94 8.1 8.5 12.7#
 80 8.3 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 4.554 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.23 min
 Lab File: BF101110.D
 Acq: 4 Dec 2017 20:42

Tgt Ion:248 Resp: 8594
 Ion Ratio Lower Upper
 248 100
 250 192.3 76.9 115.3#
 141 435.2 74.4 111.6#

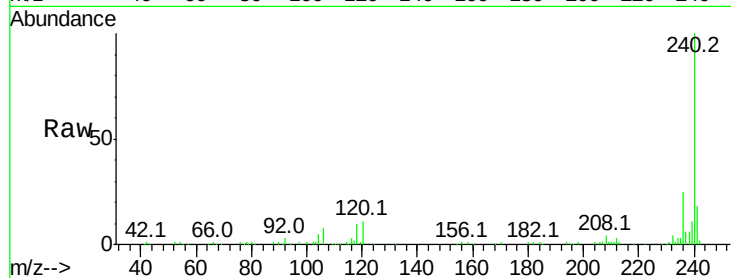




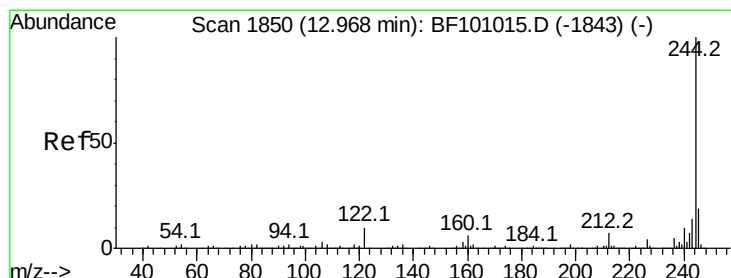
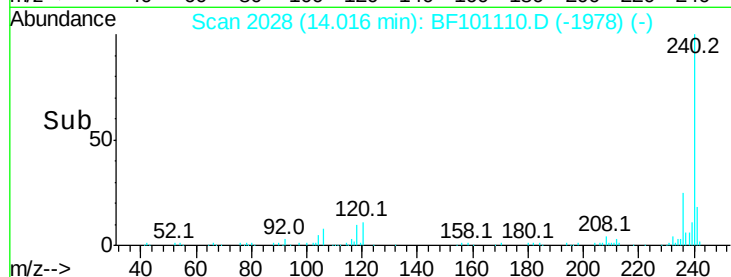
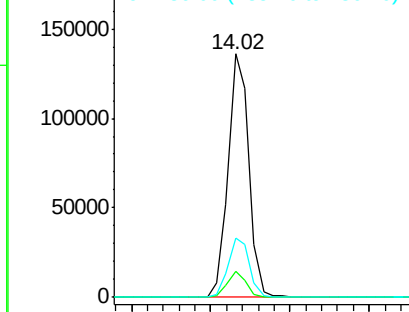
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101110.D
Acq: 4 Dec 2017 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 123333
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 24.5 20.7 31.1

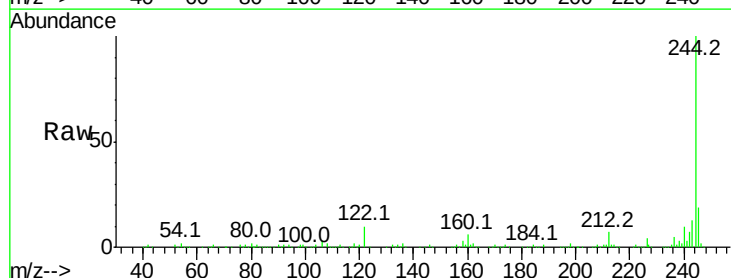


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

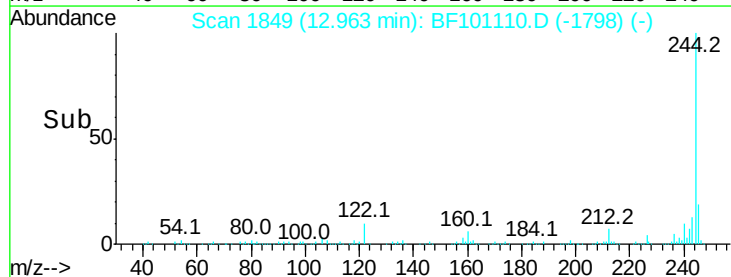
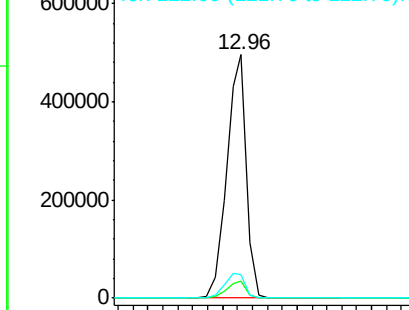


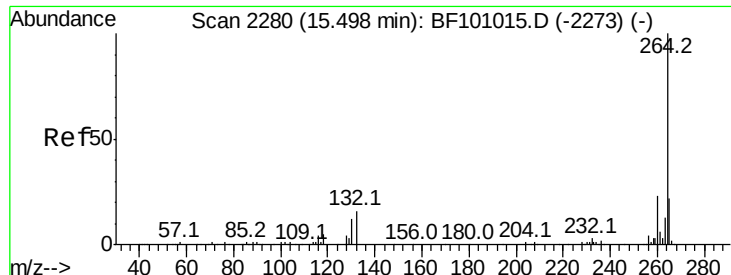
#78
Terphenyl-d14
Concen: 81.067 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101110.D
Acq: 4 Dec 2017 20:42

Tgt Ion:244 Resp: 457113
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 9.7 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

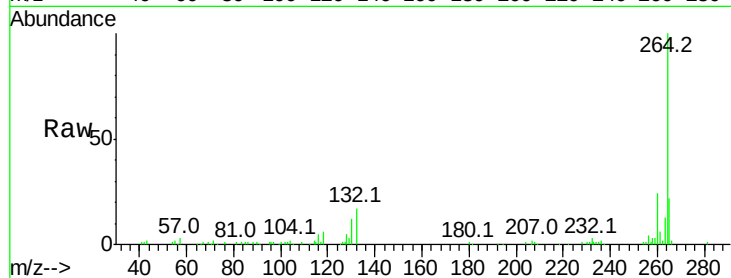




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101110.D
 Acq: 4 Dec 2017 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 105583
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.9 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

