

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101036.D
 Acq On : 30 Nov 2017 23:46
 Operator : SJ/JU
 Sample : I6639-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 03:28:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

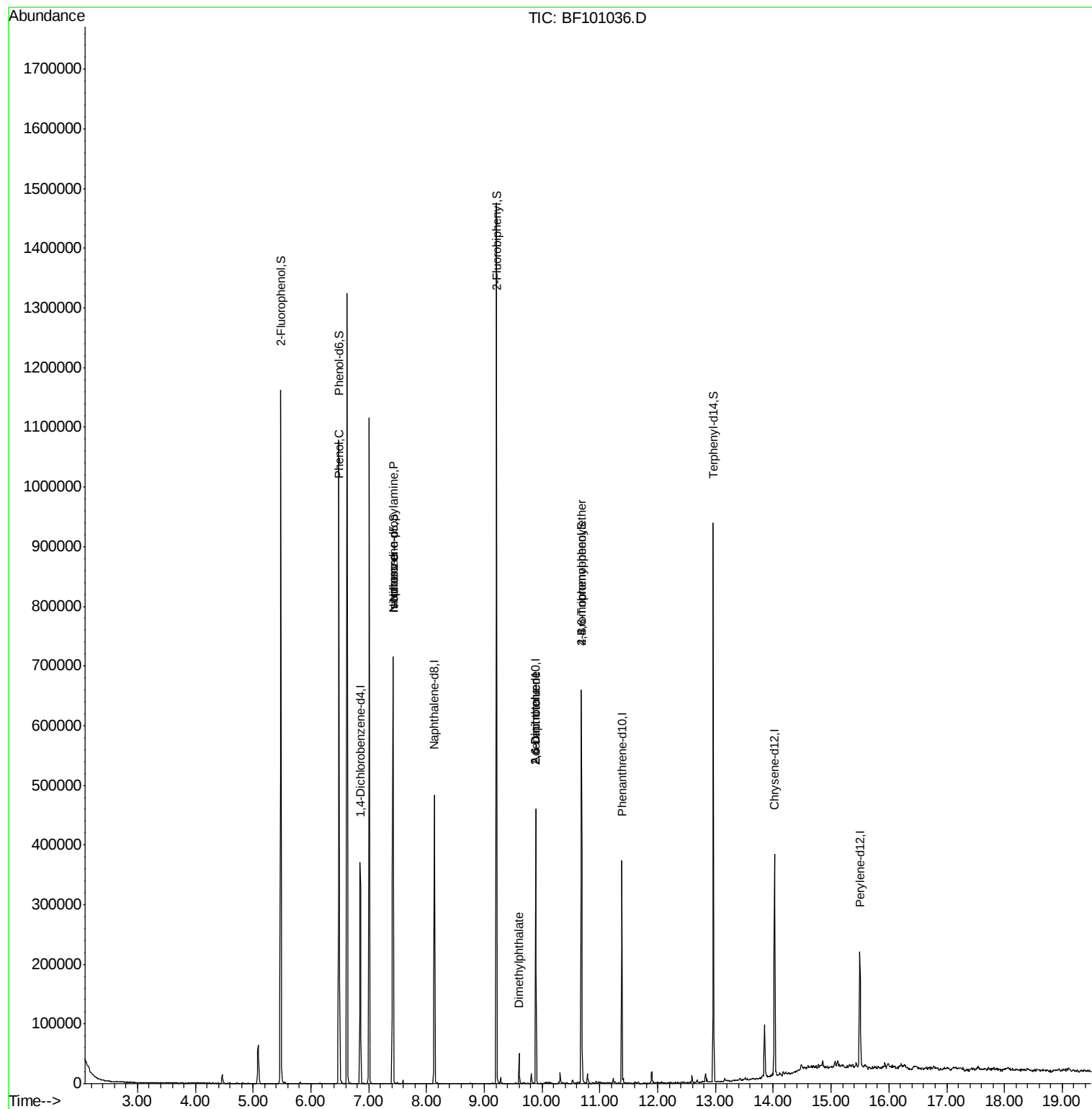
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	56903	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	214611	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	83821	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	126703	20.00	ng	0.00
75) Chrysene-d12	14.02	240	125000	20.00	ng	0.00
86) Perylene-d12	15.50	264	87803	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	331430	96.25	ng	0.01
7) Phenol-d6	6.49	99	397696	95.12	ng	0.00
23) Nitrobenzene-d5	7.42	82	236546	65.75	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	76063	75.54	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	431120	70.37	ng	0.00
78) Terphenyl-d14	12.96	244	308177	53.93	ng	0.00
Target Compounds						
10) Phenol	6.50	94	16972	3.651	ng	90
19) n-Nitroso-di-n-propylamine	7.42	70	31633	11.235	ng	# 77
25) Isophorone	7.42	82	236546	38.493	ng	# 64
49) Dimethylphthalate	9.60	163	21363	3.160	ng	# 98
50) 2,6-Dinitrotoluene	9.89	165	10842	7.615	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	10842	5.682	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	4805	3.388	ng	# 1

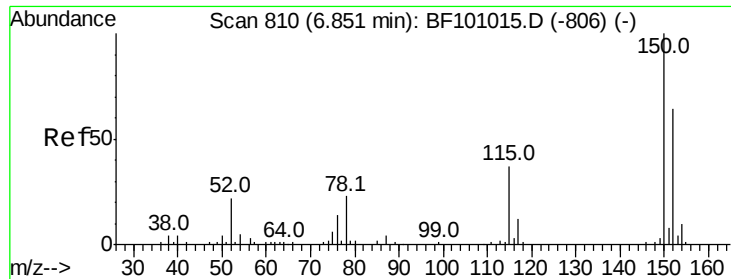
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101036.D
Acq On : 30 Nov 2017 23:46
Operator : SJ/JU
Sample : I6639-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 01 03:28:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 16:01:41 2017
Response via : Initial Calibration



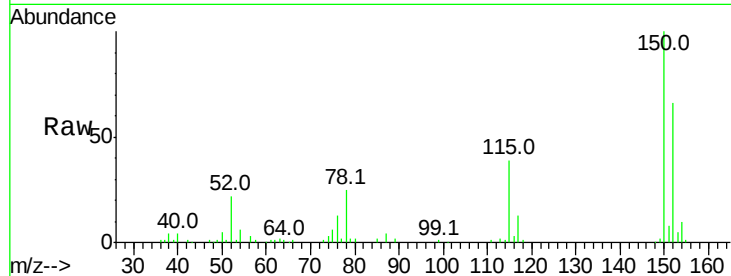


#1

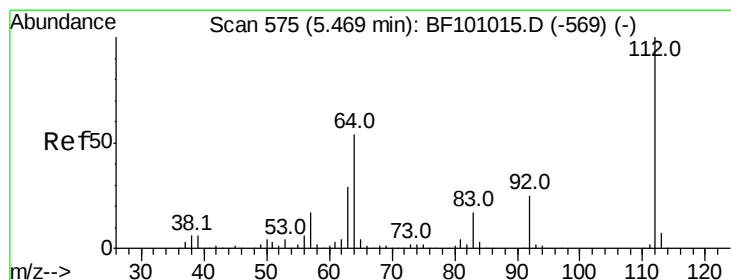
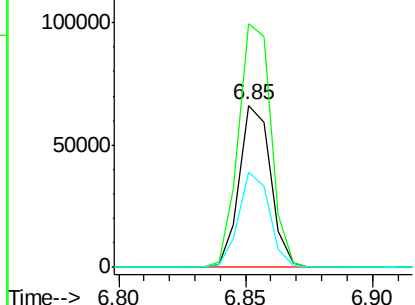
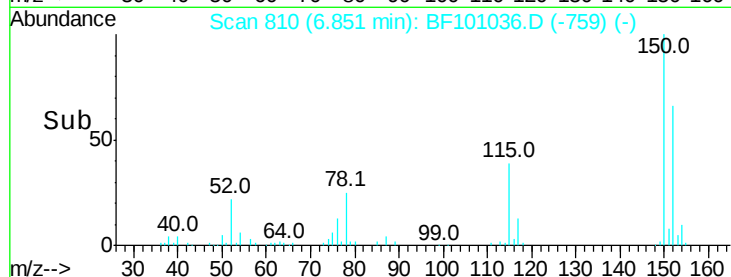
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF101036.D
Acq: 30 Nov 2017 23:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 56903
Ion Ratio Lower Upper
152 100
150 150.5 124.6 186.8
115 59.1 50.1 75.1



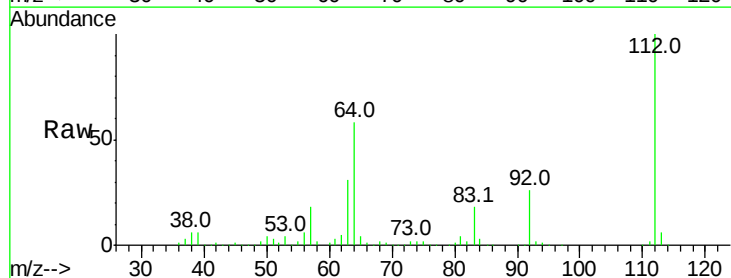
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



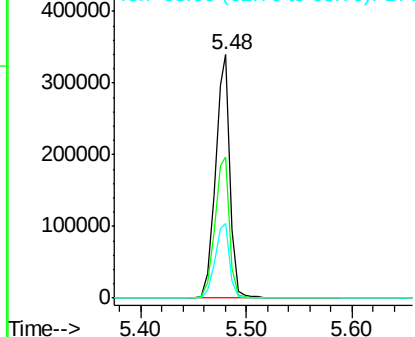
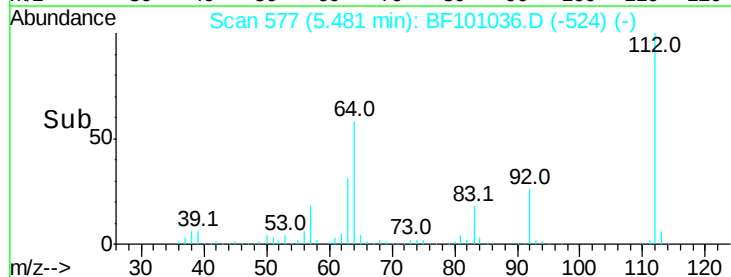
#5

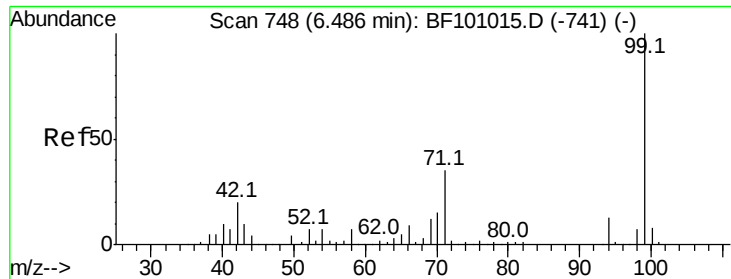
2-Fluorophenol
Concen: 96.246 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF101036.D
Acq: 30 Nov 2017 23:46

Tgt Ion:112 Resp: 331430
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 30.8 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: 95.124 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF101036.D

Acq: 30 Nov 2017 23:46

Instrument :

BNA_F

ClientSampled :

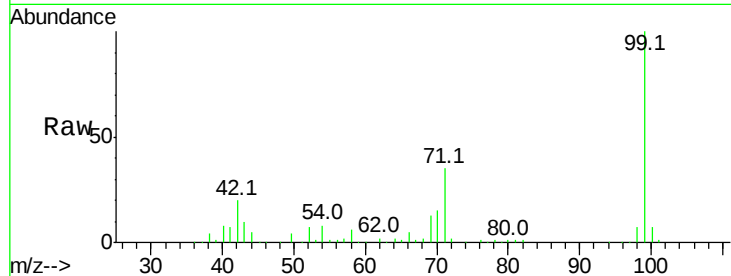
Tot Ion: 99 Resp: 397696

Ion Ratio Lower Upper

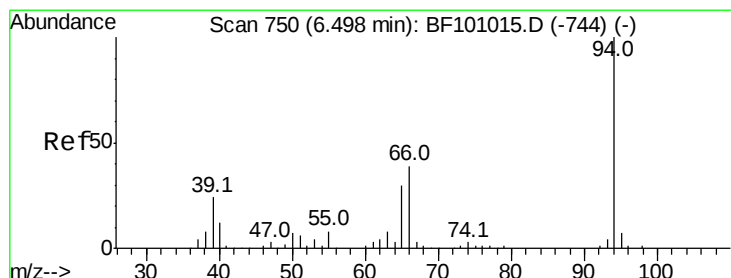
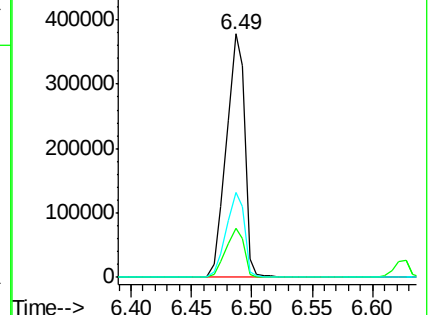
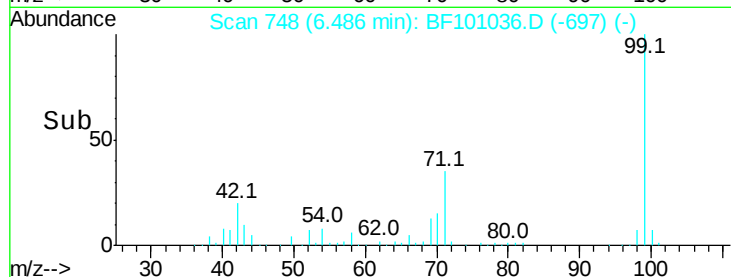
99 100

42 20.4 14.5 21.7

71 34.9 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: 3.651 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF101036.D

Acq: 30 Nov 2017 23:46

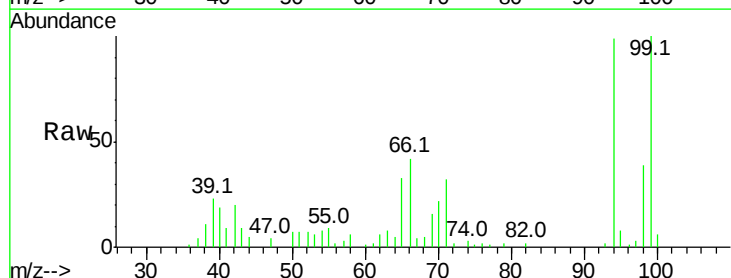
Tgt Ion: 94 Resp: 16972

Ion Ratio Lower Upper

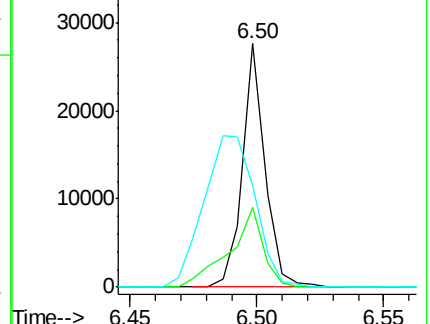
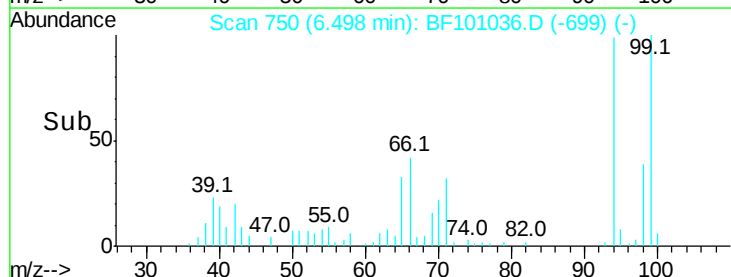
94 100

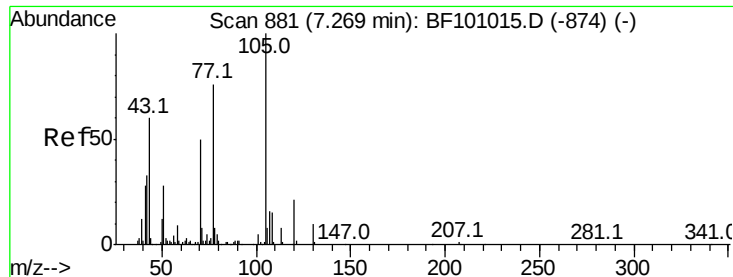
65 32.9 7.9 47.9

66 41.8 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

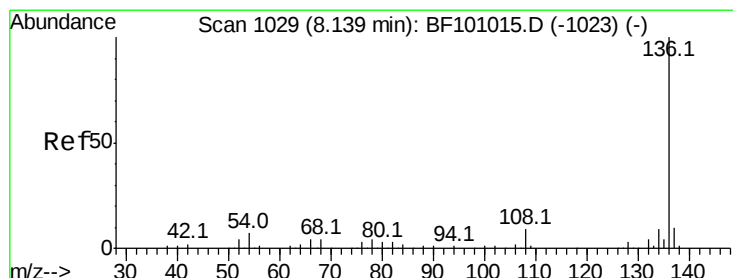
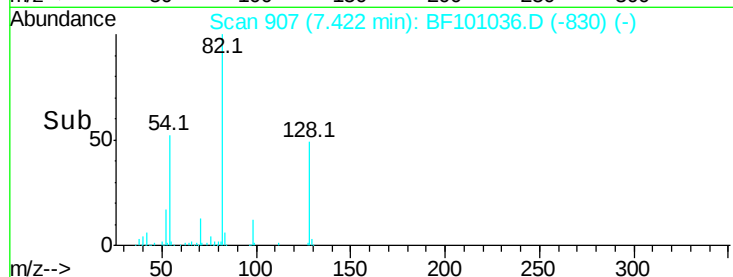
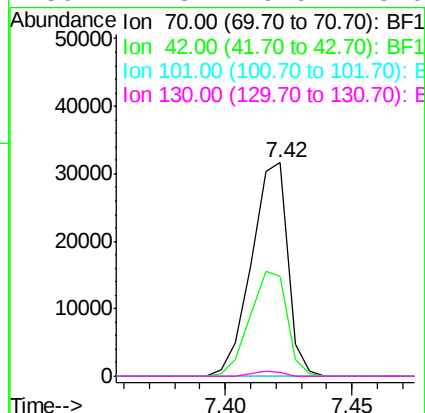
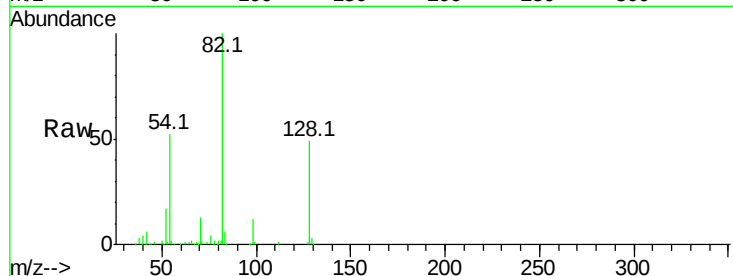




#19
n-Nitroso-di-n-propylamine
Concen: 11.235 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF101036.D
Acq: 30 Nov 2017 23:46

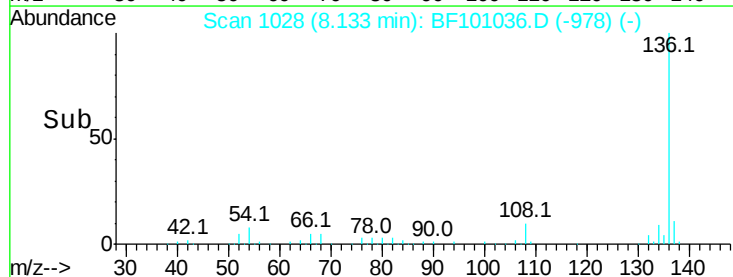
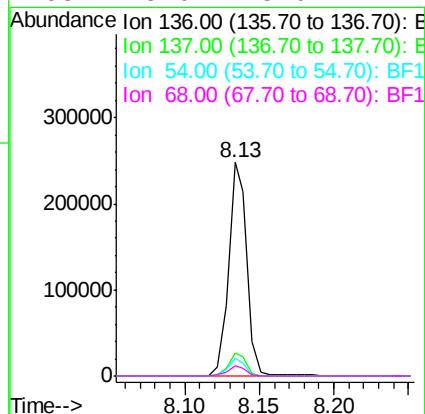
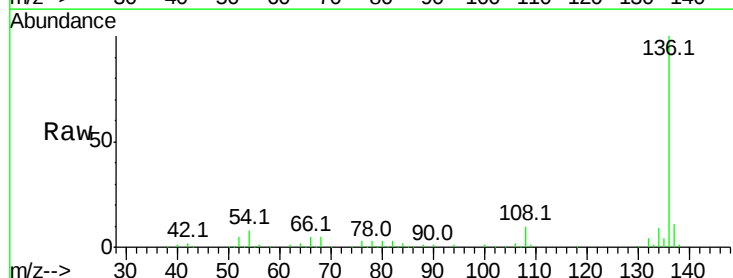
Instrument :
BNA_F
ClientSampleId :

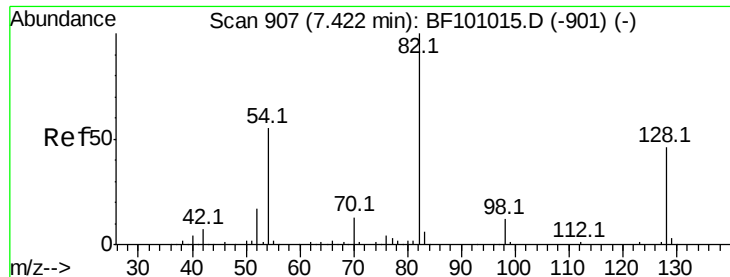
Tot Ion: 70 Resp: 31633
Ion Ratio Lower Upper
70 100
42 46.6 47.5 71.3#
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101036.D
Acq: 30 Nov 2017 23:46

Tgt Ion: 136 Resp: 214611
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.2 6.6 9.8
68 5.0 5.0 7.4

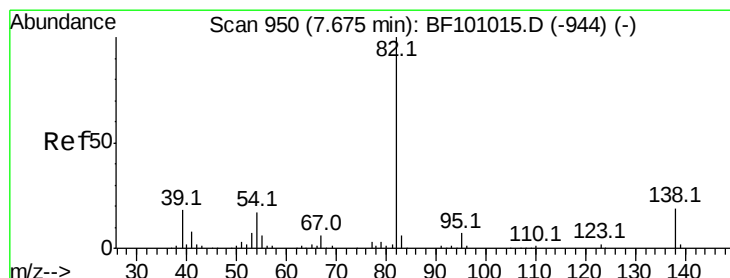
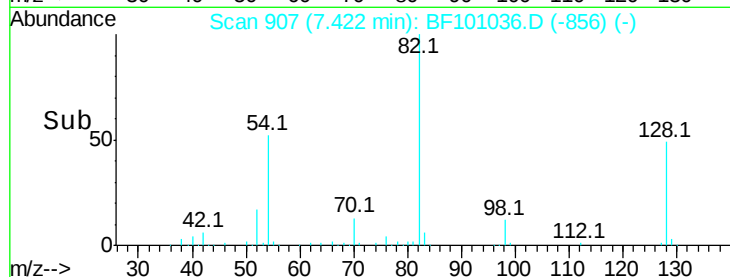
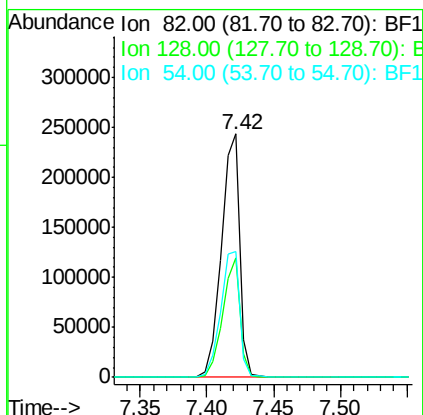
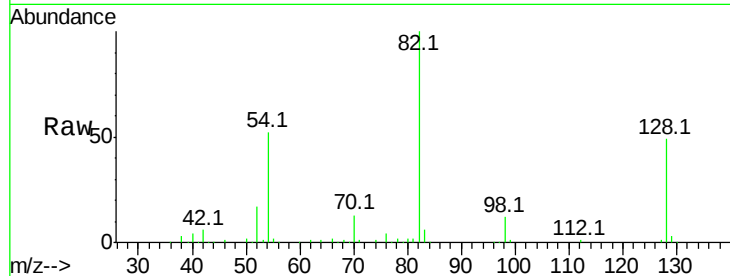




#23
Nitrobenzene-d5
Concen: 65.750 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF101036.D
Acq: 30 Nov 2017 23:46

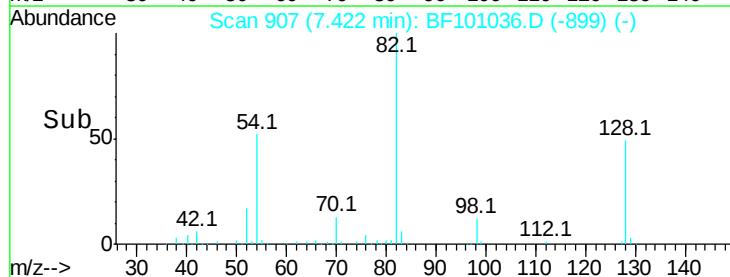
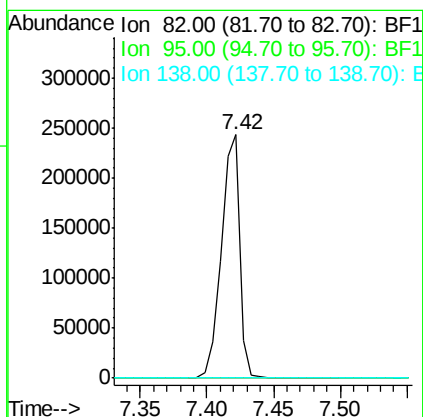
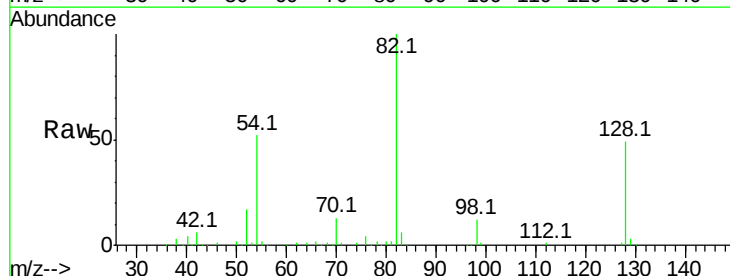
Instrument :
BNA_F
ClientSampled :

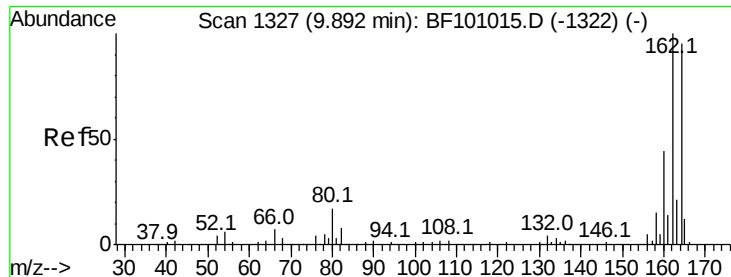
Tot Ion	82	Resp	236546
Ion Ratio	100	Lower	Upper
128	49.0	36.1	54.1
54	51.6	41.4	62.2



#25
Isophorone
Concen: 38.493 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.25 min
Lab File: BF101036.D
Acq: 30 Nov 2017 23:46

Tgt Ion	82	Resp	236546
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

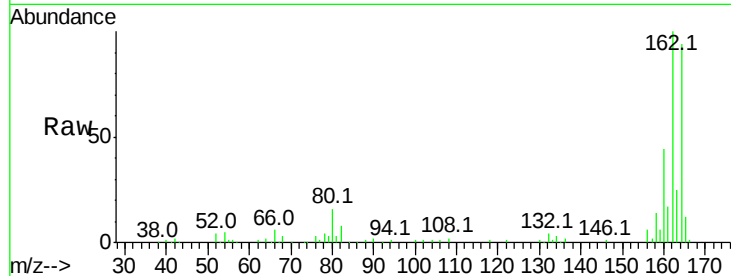




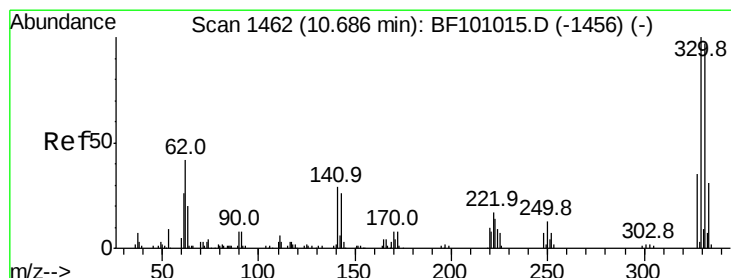
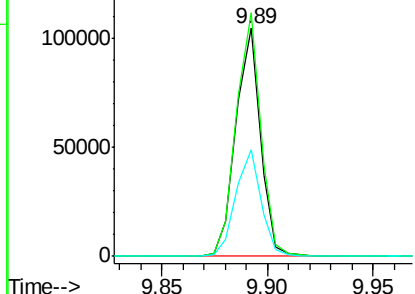
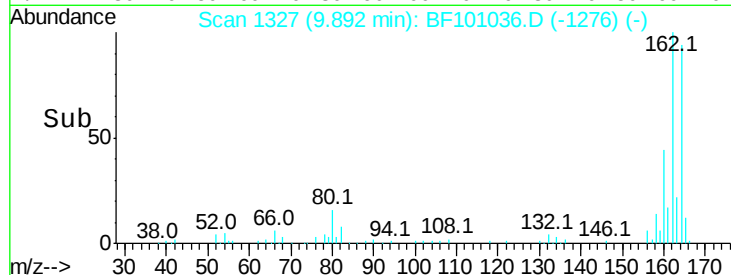
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF101036.D
Acq: 30 Nov 2017 23:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 83821
Ion Ratio Lower Upper
164 100
162 106.9 86.1 129.1
160 46.8 38.3 57.5

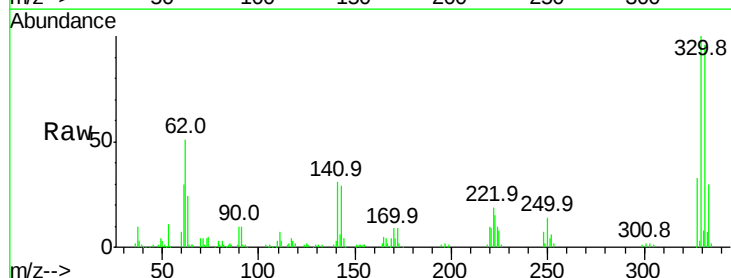


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

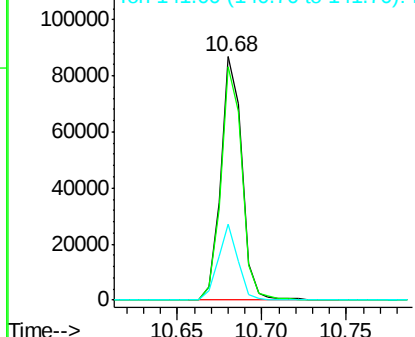
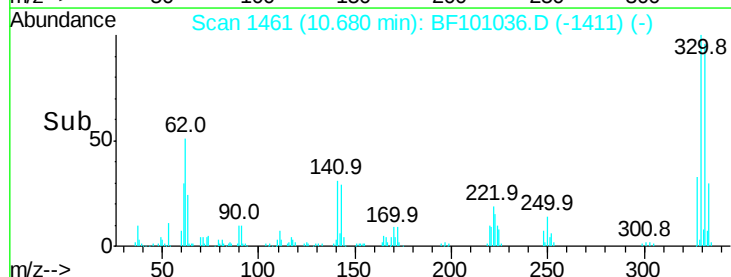


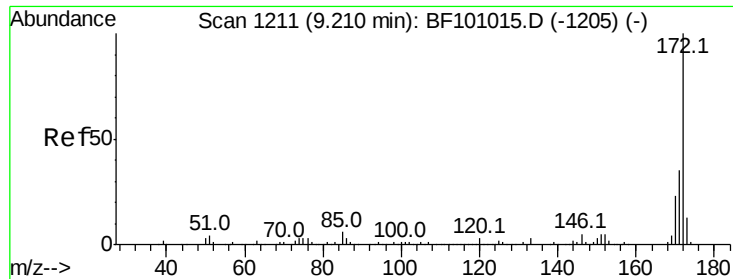
#41
2,4,6-Tribromophenol
Concen: 75.540 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF101036.D
Acq: 30 Nov 2017 23:46

Tgt Ion:330 Resp: 76063
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 28.8 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

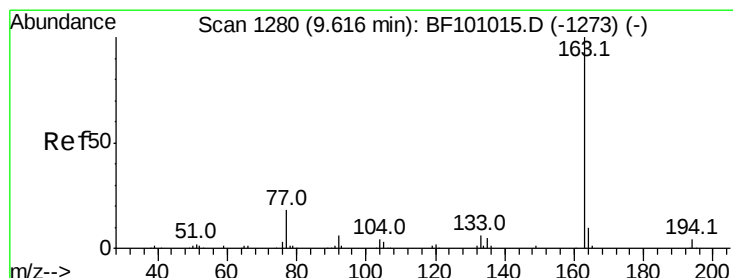
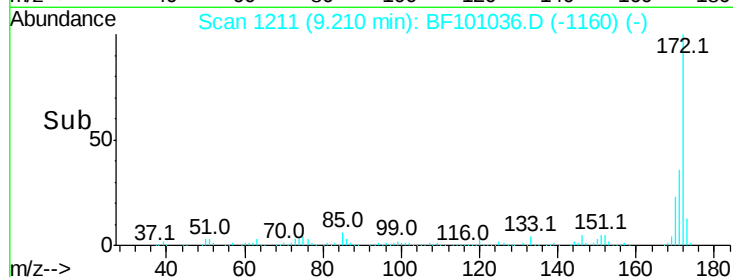
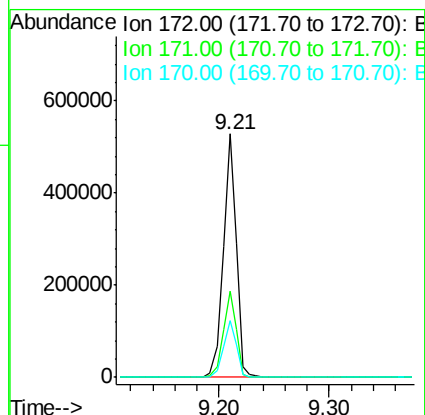
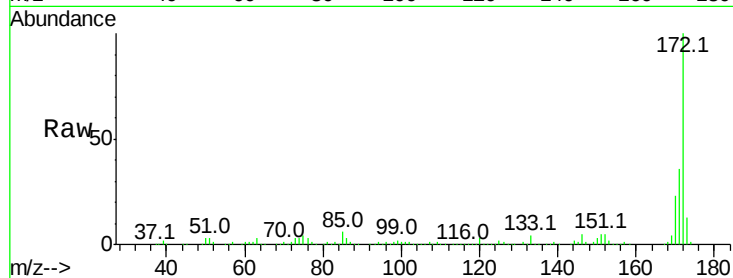




#44
 2-Fluorobiphenyl
 Concen: 70.371 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF101036.D
 Acq: 30 Nov 2017 23:46

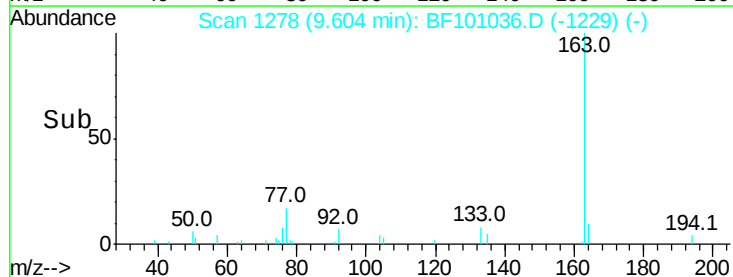
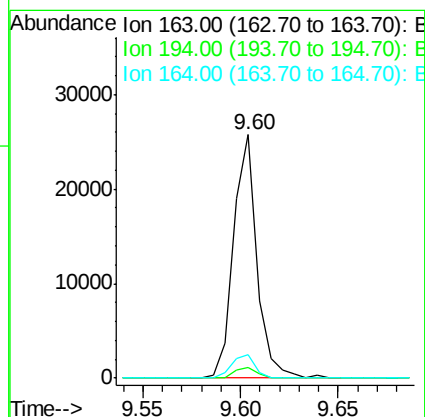
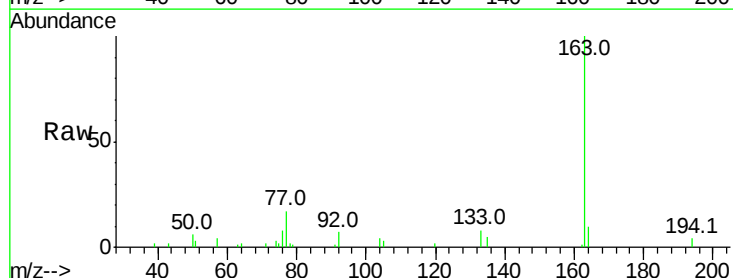
Instrument :
 BNA_F
 ClientSampleId :

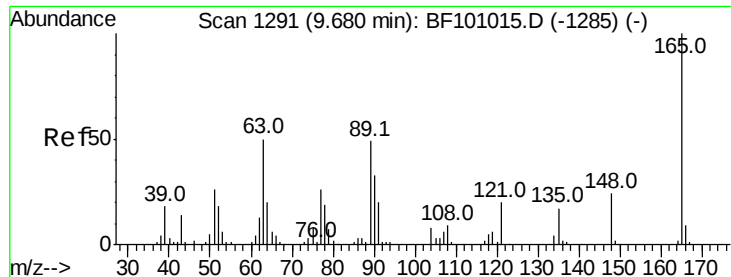
Tot Ion:172 Resp: 431120
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.5 19.6 29.4



#49
 Dimethylphthalate
 Concen: 3.160 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF101036.D
 Acq: 30 Nov 2017 23:46

Tgt Ion:163 Resp: 21363
 Ion Ratio Lower Upper
 163 100
 194 4.3 2.7 4.1#
 164 9.5 8.2 12.2

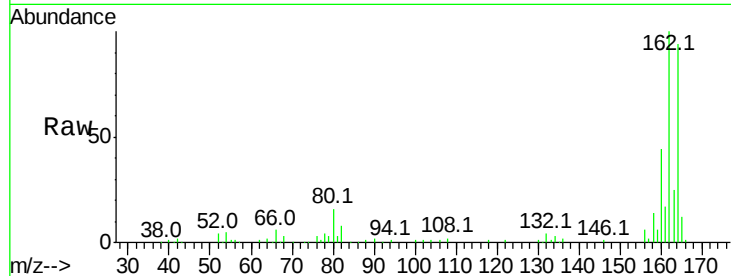




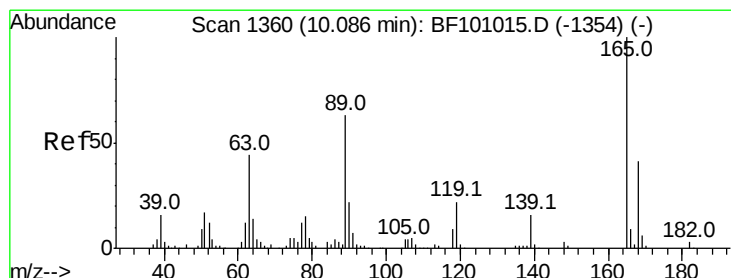
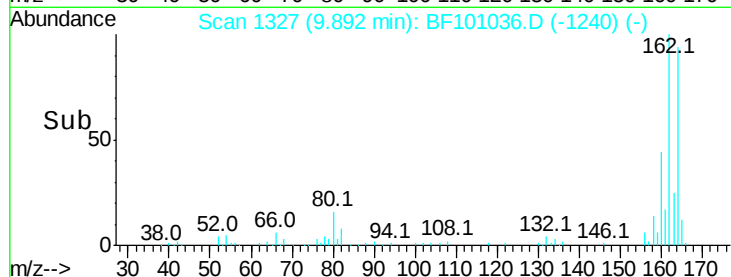
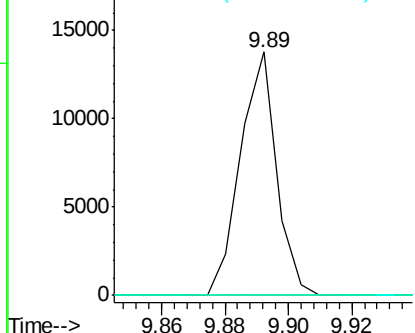
#50
 2,6-Dinitrotoluene
 Concen: 7.615 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF101036.D
 Acq: 30 Nov 2017 23:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 10842
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

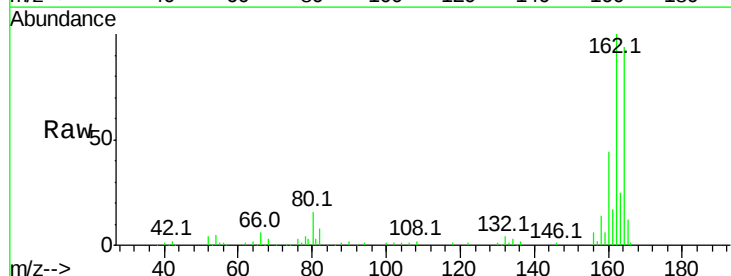


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

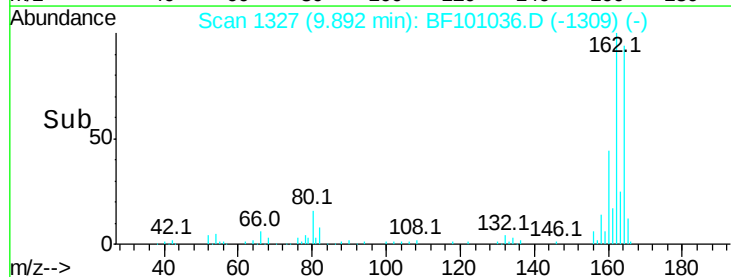
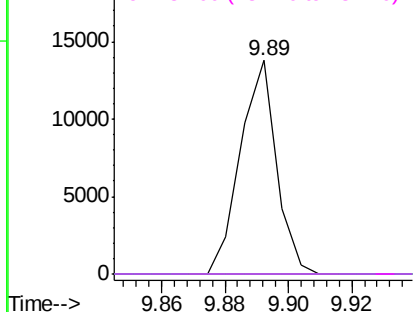


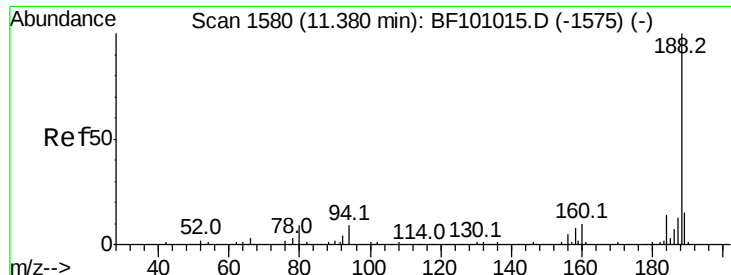
#56
 2,4-Dinitrotoluene
 Concen: 5.682 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF101036.D
 Acq: 30 Nov 2017 23:46

Tgt Ion:165 Resp: 10842
 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#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

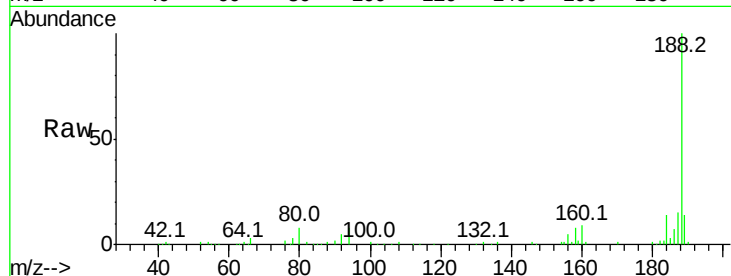




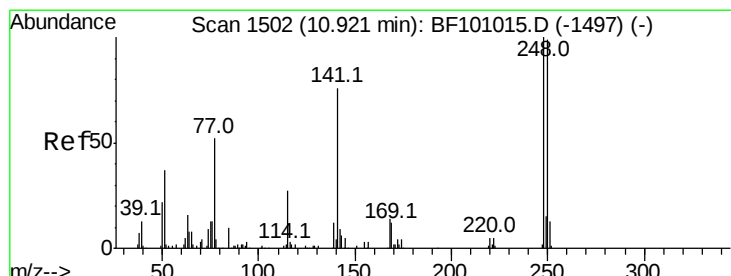
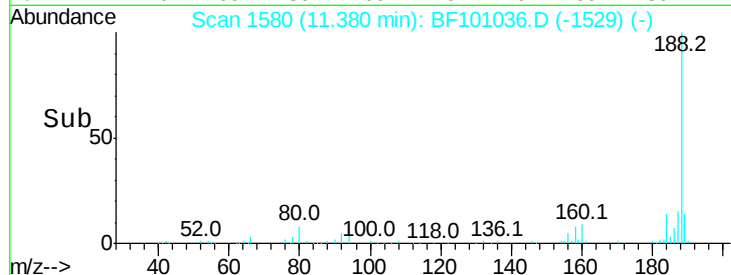
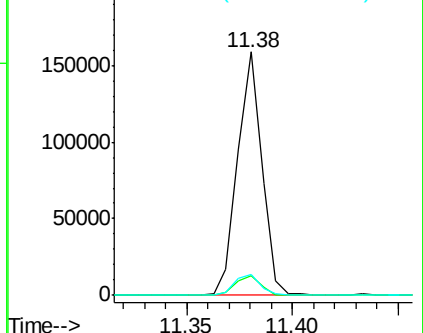
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101036.D
Acq: 30 Nov 2017 23:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 126703
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.4 9.2 13.8#

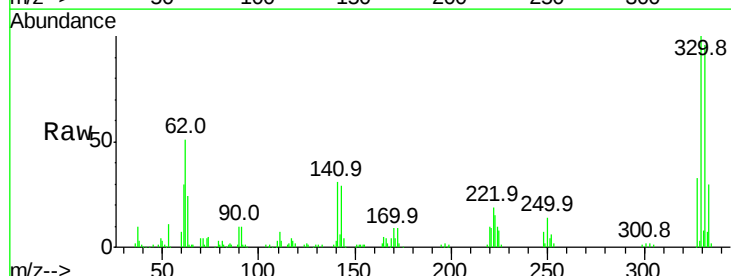


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

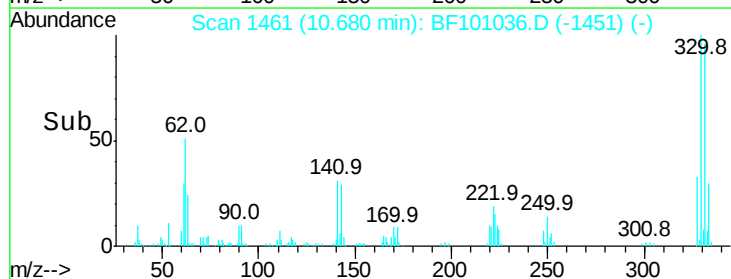
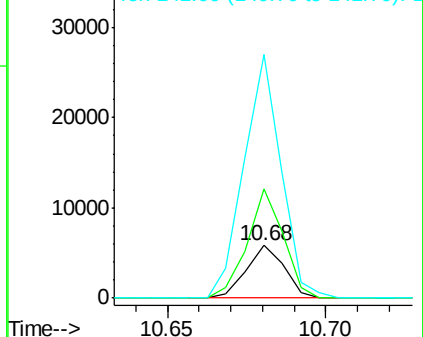


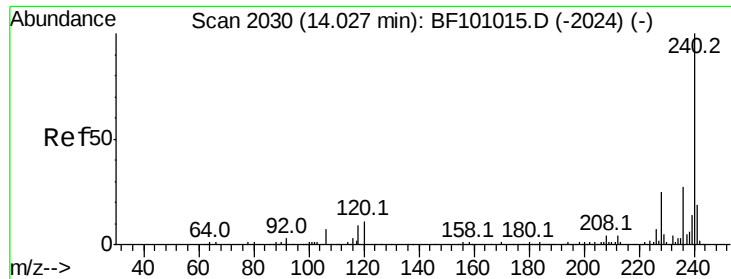
#66
4-Bromophenyl-phenylether
Concen: 3.388 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF101036.D
Acq: 30 Nov 2017 23:46

Tgt Ion:248 Resp: 4805
Ion Ratio Lower Upper
248 100
250 209.6 76.9 115.3#
141 465.6 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

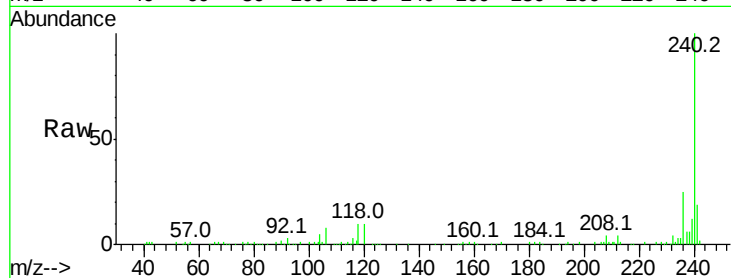




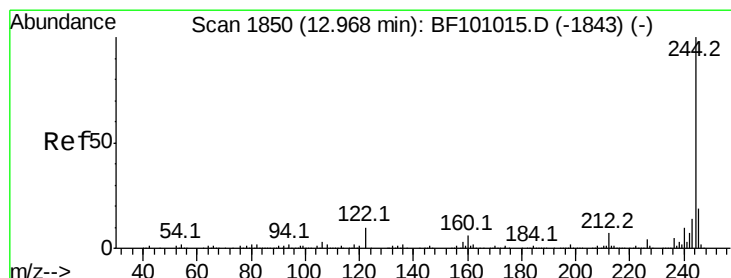
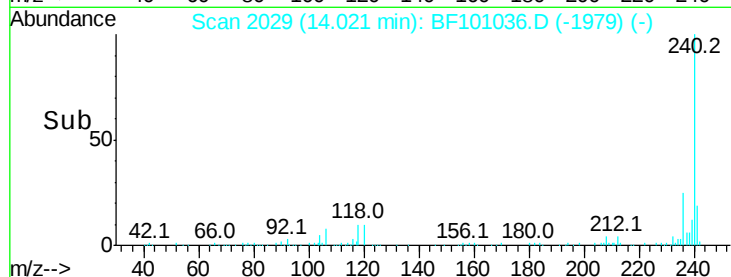
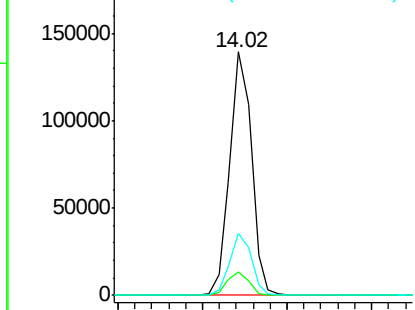
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF101036.D
 Acq: 30 Nov 2017 23:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 125000
 Ion Ratio Lower Upper
 240 100
 120 9.8 9.5 14.3
 236 25.3 20.7 31.1

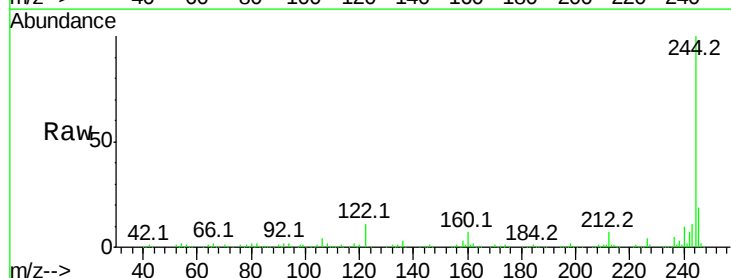


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

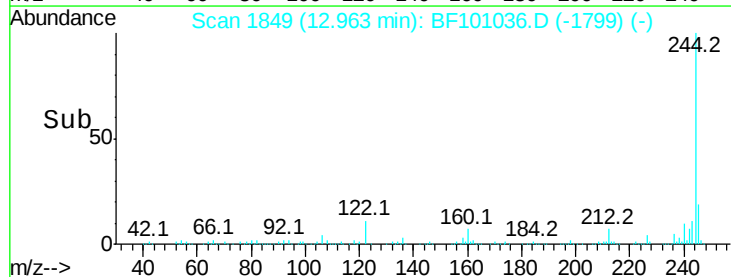
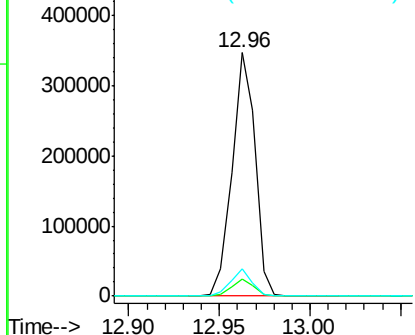


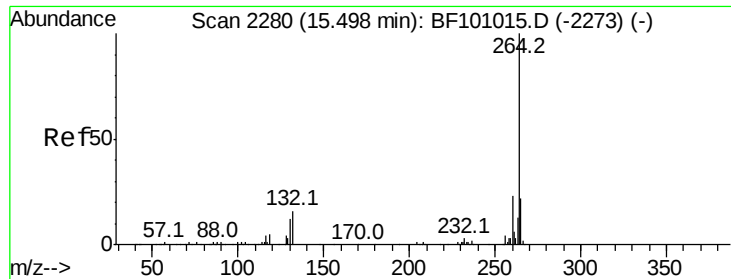
#78
 Terphenyl-d14
 Concen: 53.925 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF101036.D
 Acq: 30 Nov 2017 23:46

Tgt Ion:244 Resp: 308177
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.1 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. -0.00 min
 Lab File: BF101036.D
 Acq: 30 Nov 2017 23:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.4	17.5	26.3

