

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103901.D
 Acq On : 24 Mar 2018 1:22
 Operator : JU/SJ
 Sample : J2012-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 03:13:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

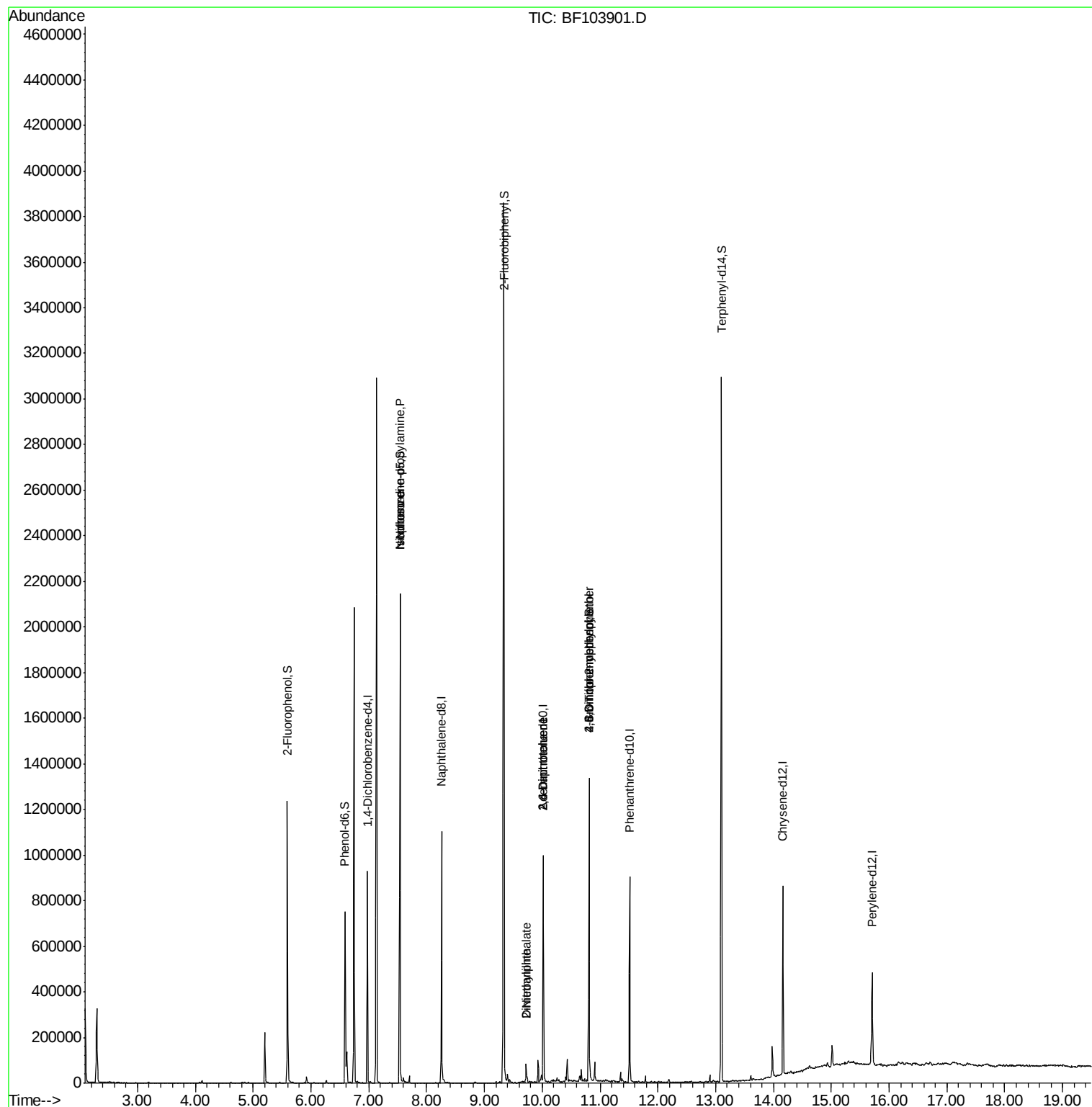
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	124597	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	474358	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	191343	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	298050	20.00	ng	0.00
75) Chrysene-d12	14.16	240	255800	20.00	ng	0.00
86) Perylene-d12	15.70	264	187143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	350915	42.84	ng	0.00
7) Phenol-d6	6.59	99	275262	27.47	ng	-0.01
23) Nitrobenzene-d5	7.54	82	730567	107.40	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	170817	103.83	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1265834	105.53	ng	0.00
78) Terphenyl-d14	13.10	244	1004906	91.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	94437	14.703	ng	# 73
25) Isophorone	7.54	82	730556	46.394	ng	# 64
47) 2-Nitroaniline	9.72	65	129	6.848	ng	# 1
49) Dimethylphthalate	9.72	163	32107	2.199	ng	# 99
50) 2,6-Dinitrotoluene	10.02	165	24163	11.830	ng	# 25
56) 2,4-Dinitrotoluene	10.02	165	24163	12.093	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	285	8.403	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	10619	3.470	ng	# 1

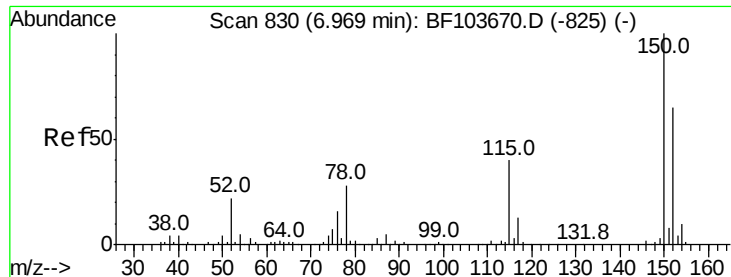
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103901.D
Acq On : 24 Mar 2018 1:22
Operator : JU/SJ
Sample : J2012-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 24 03:13:52 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration



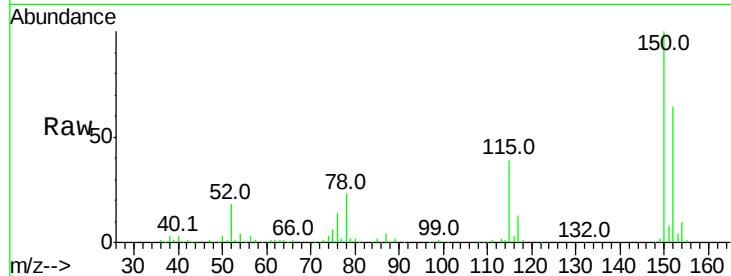


#1

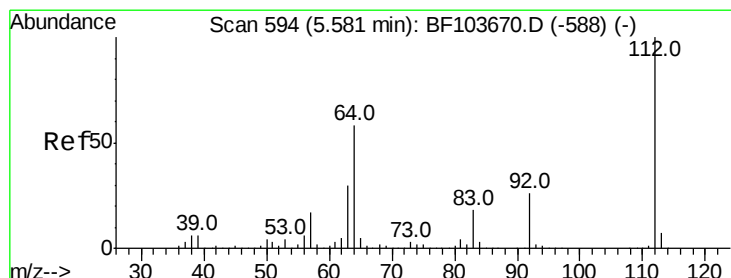
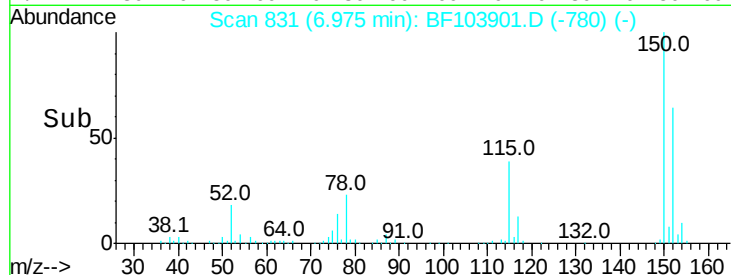
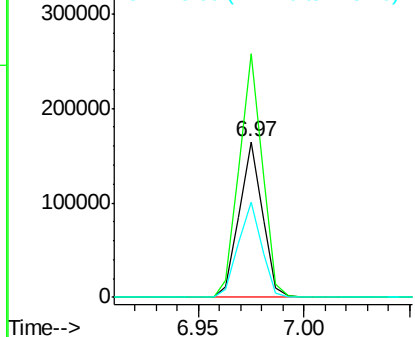
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103901.D
Acq: 24 Mar 2018 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124597
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 60.8 50.1 75.1



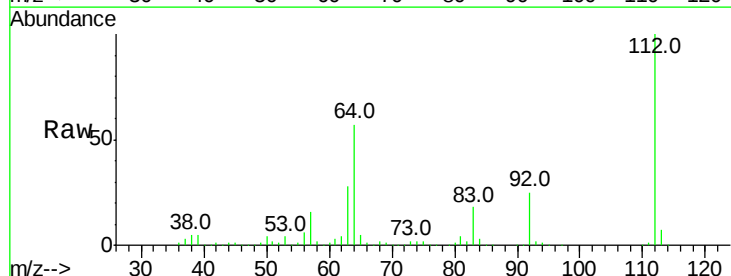
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



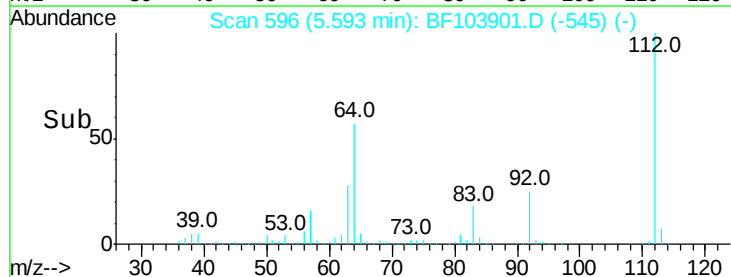
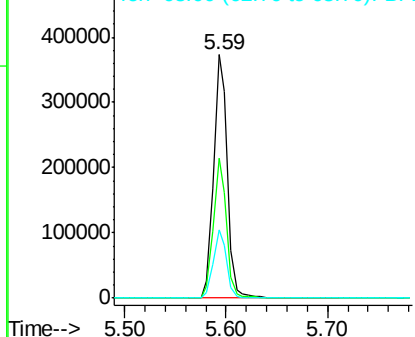
#5

2-Fluorophenol
Concen: 42.837 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF103901.D
Acq: 24 Mar 2018 1:22

Tgt Ion:112 Resp: 350915
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 28.3 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: 27.465 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103901.D

Acq: 24 Mar 2018 1:22

Instrument :

BNA_F

ClientSampleId :

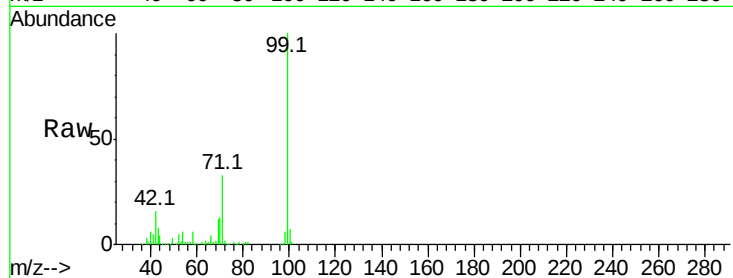
Tot Ion: 99 Resp: 275262

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

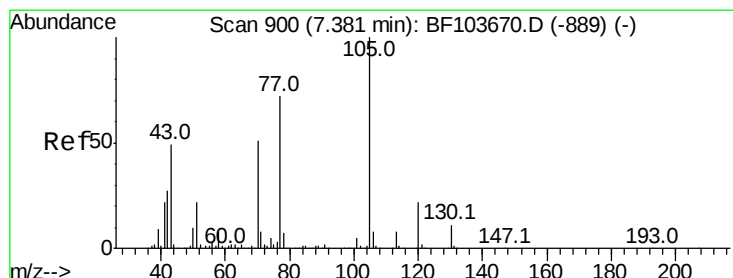
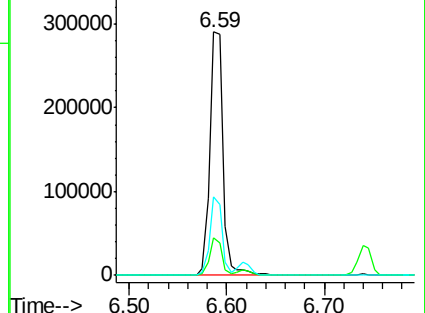
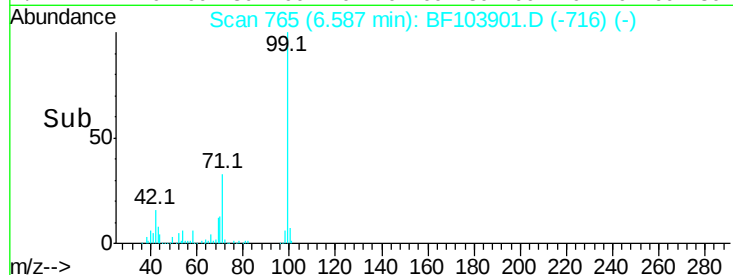
71 32.5 25.4 38.0



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: 14.703 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF103901.D

Acq: 24 Mar 2018 1:22

Tgt Ion: 70 Resp: 94437

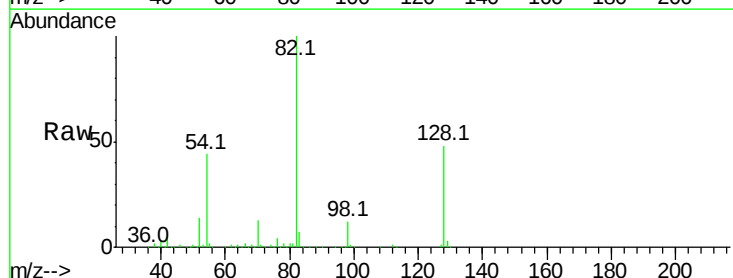
Ion Ratio Lower Upper

70 100

42 42.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

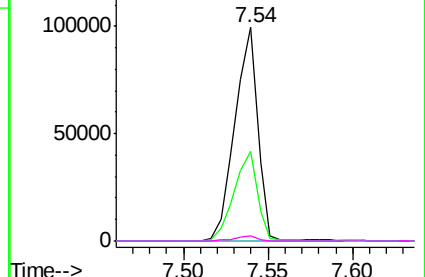
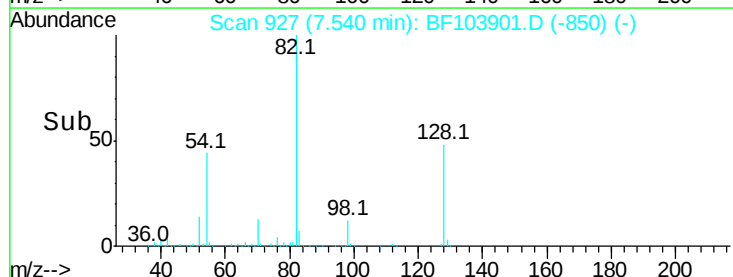


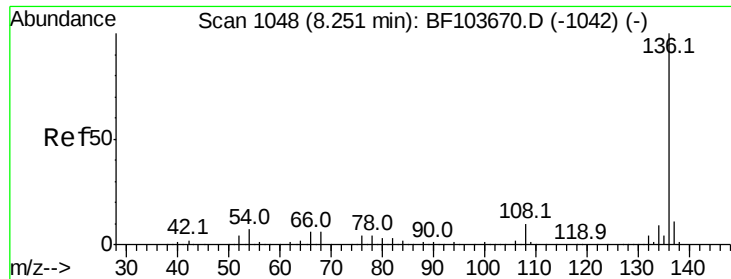
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

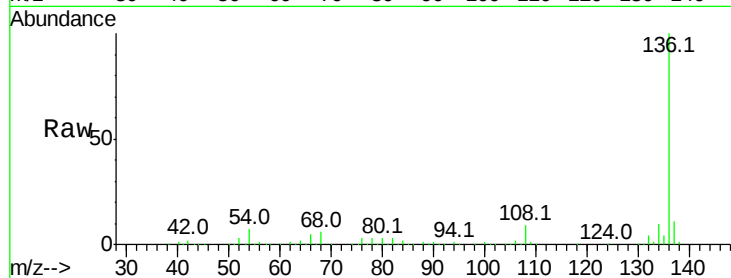




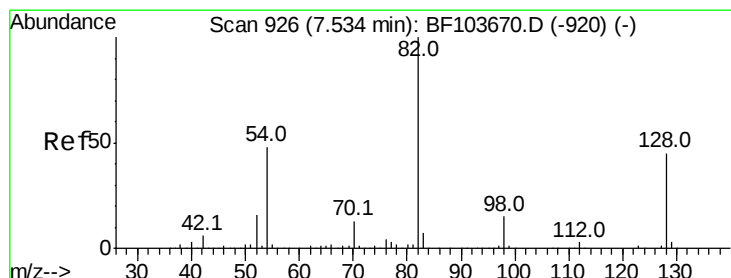
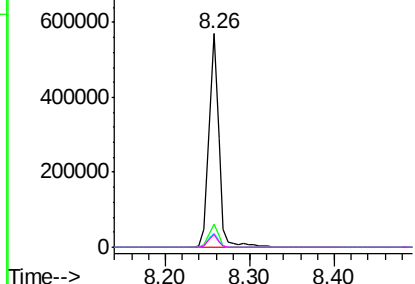
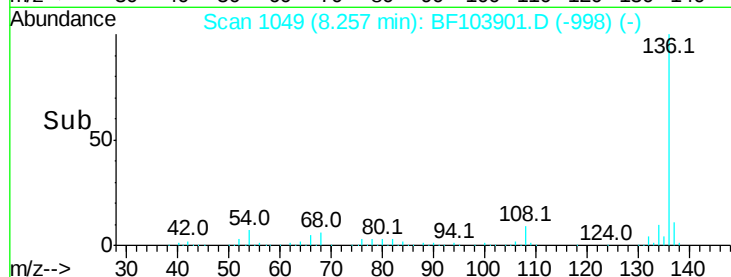
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF103901.D
Acq: 24 Mar 2018 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	474358
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.6	9.8
68	6.2	5.0	7.4

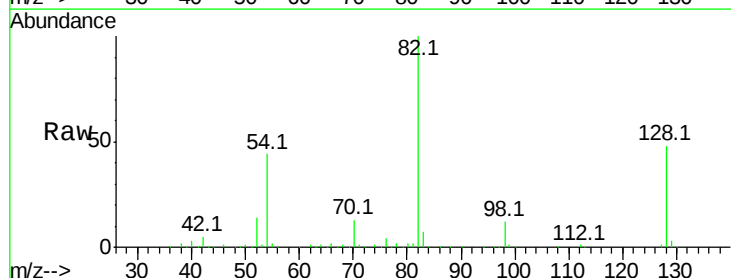


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

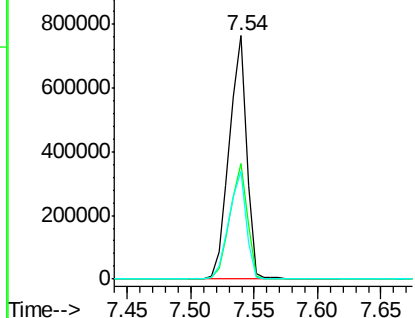
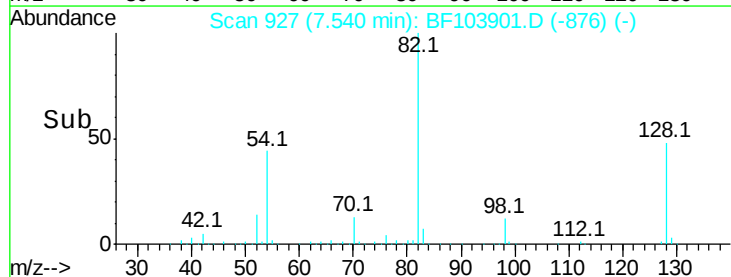


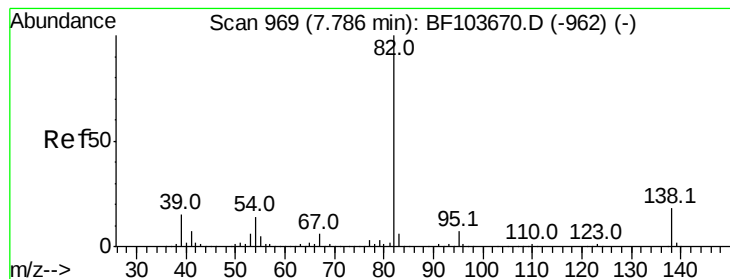
#23
Nitrobenzene-d5
Concen: 107.401 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF103901.D
Acq: 24 Mar 2018 1:22

Tgt Ion:	82	Resp:	730567
Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	44.3	41.4	62.2



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





#25

Isophorone

Concen: 46.394 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.25 min

Lab File: BF103901.D

Acq: 24 Mar 2018 1:22

Instrument :

BNA_F

ClientSampled :

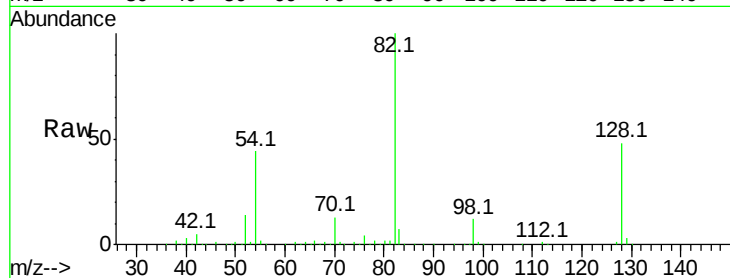
Tot Ion: 82 Resp: 730556

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

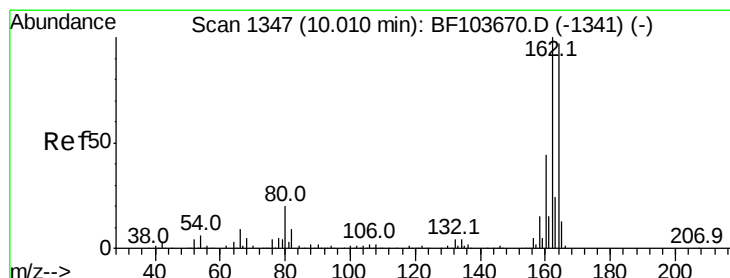
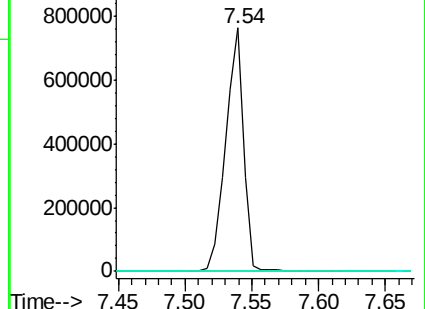
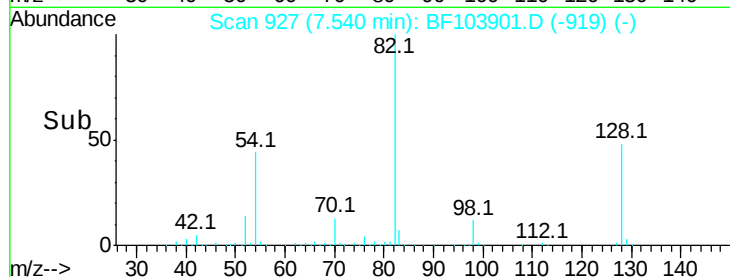
138 0.0 14.9 22.3#



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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF103901.D

Acq: 24 Mar 2018 1:22

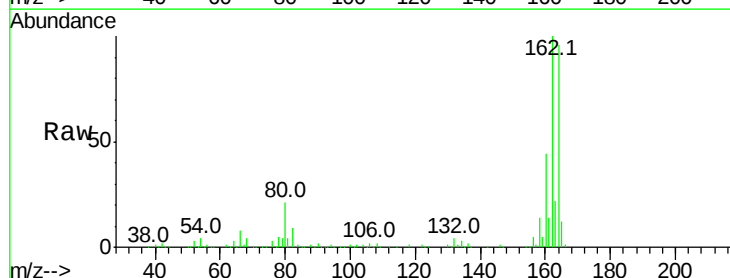
Tgt Ion:164 Resp: 191343

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

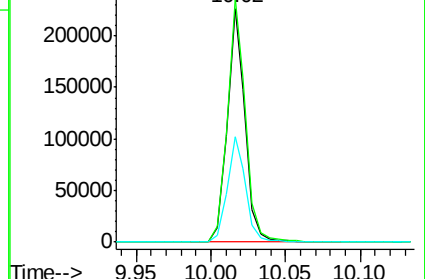
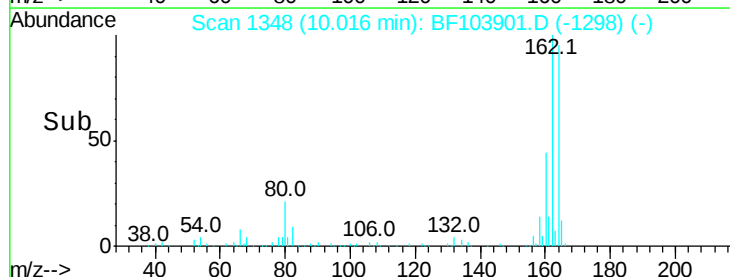
160 45.4 38.3 57.5

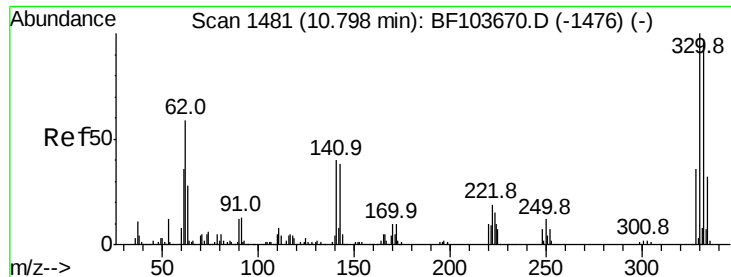


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

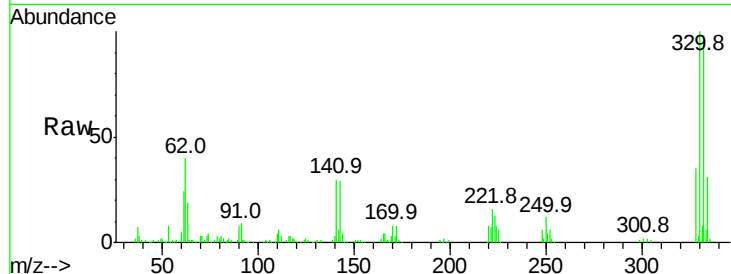




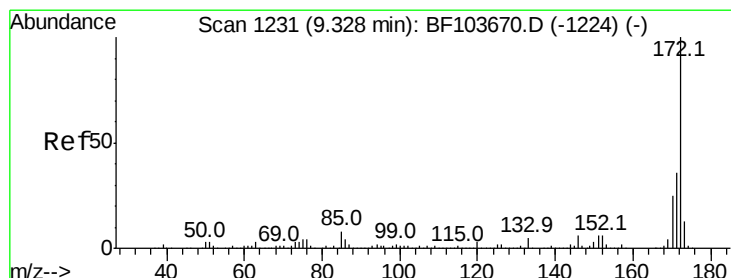
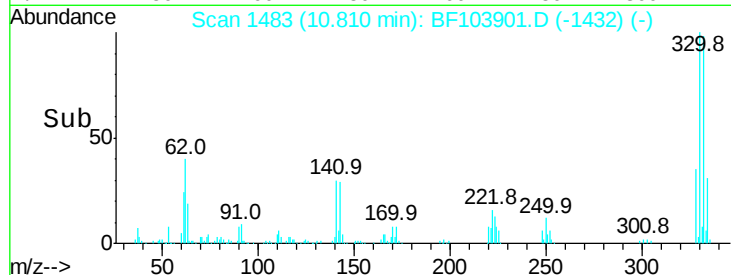
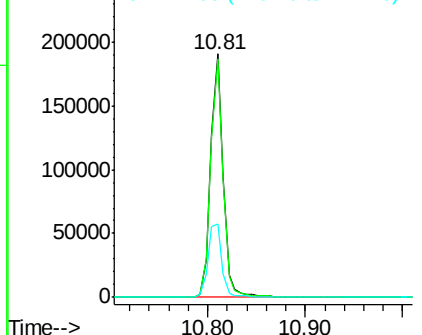
#41
 2,4,6-Tribromophenol
 Concen: 103.829 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF103901.D
 Acq: 24 Mar 2018 1:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	33.2	29.9	44.9

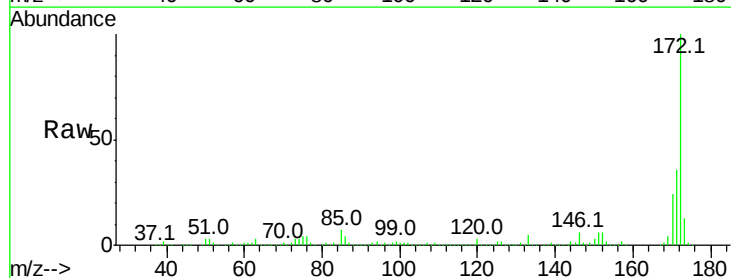


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

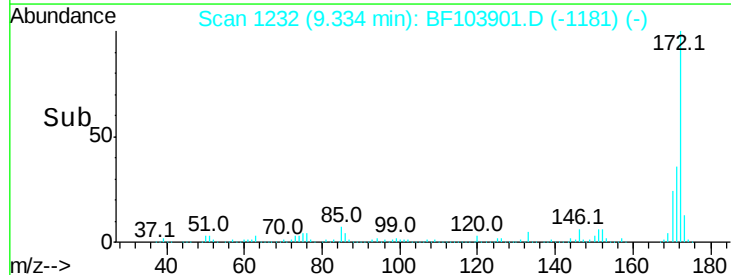
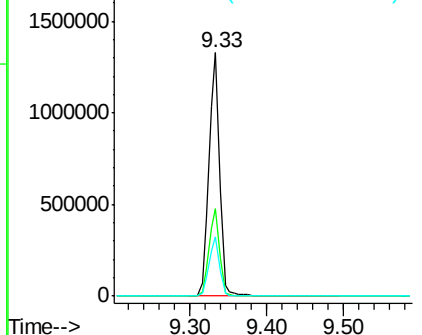


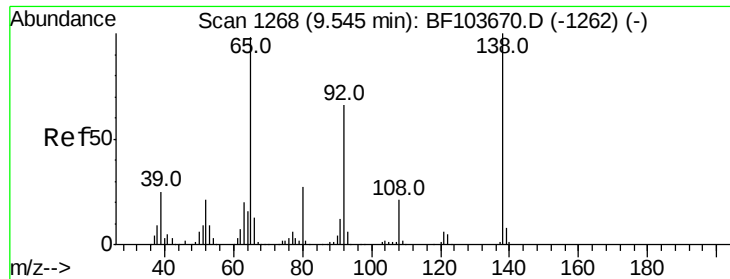
#44
 2-Fluorobiphenyl
 Concen: 105.527 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF103901.D
 Acq: 24 Mar 2018 1:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	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

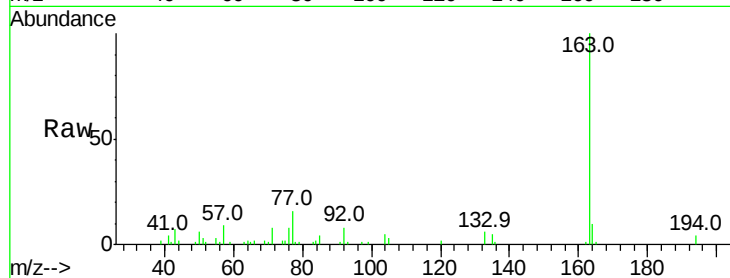




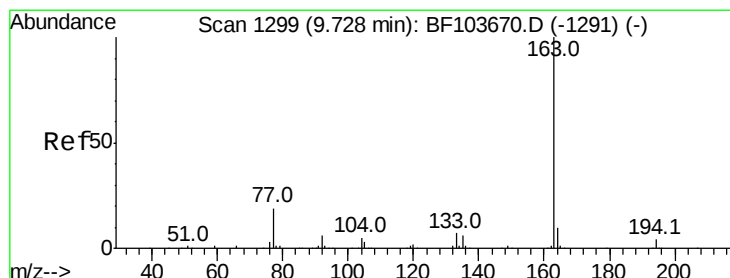
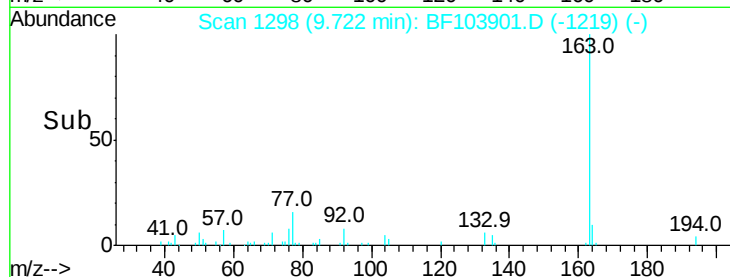
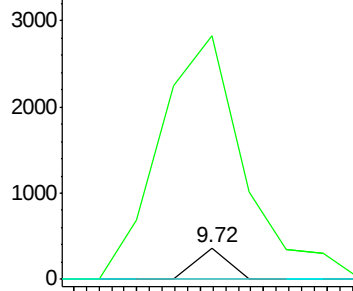
#47
2-Nitroaniline
Concen: 6.848 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.16 min
Lab File: BF103901.D
Acq: 24 Mar 2018 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 129
Ion Ratio Lower Upper
65 100
92 772.4 55.8 83.6#
138 0.0 91.2 136.8#

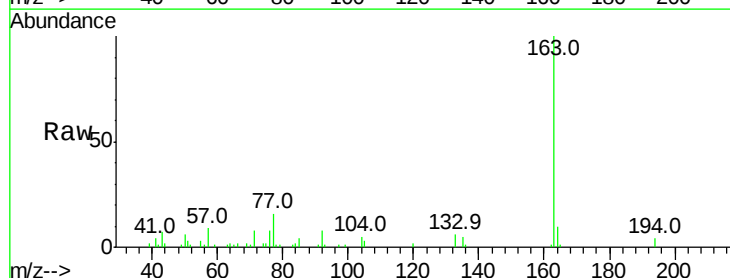


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

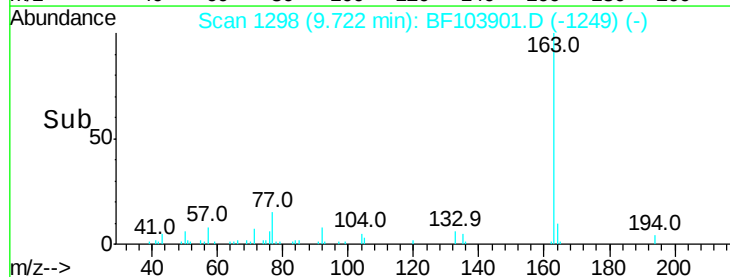
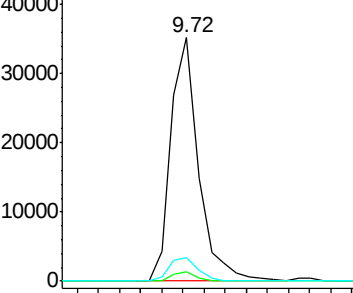


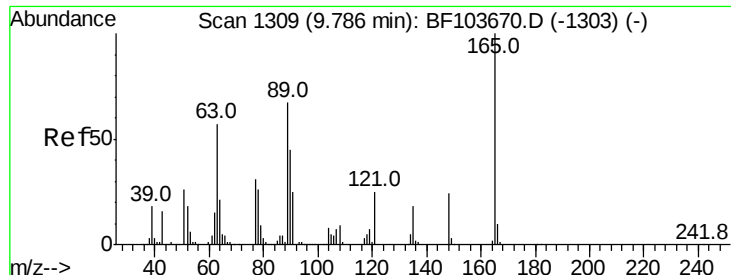
#49
Dimethylphthalate
Concen: 2.199 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103901.D
Acq: 24 Mar 2018 1:22

Tgt Ion:163 Resp: 32107
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.8 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

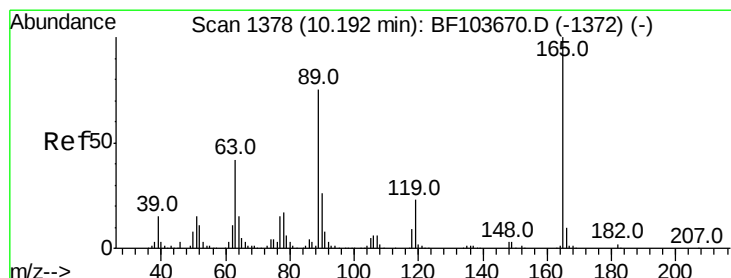
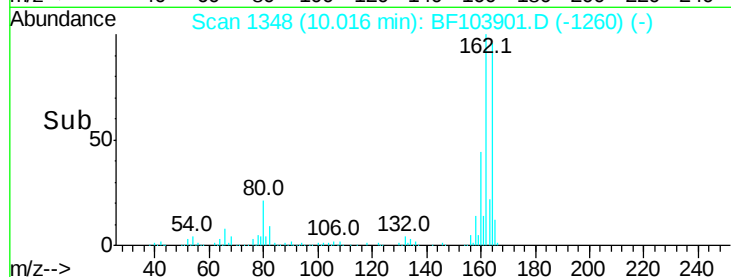
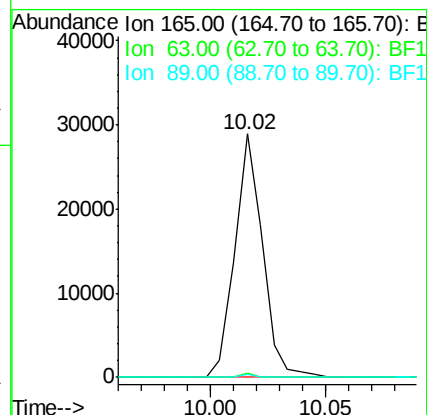
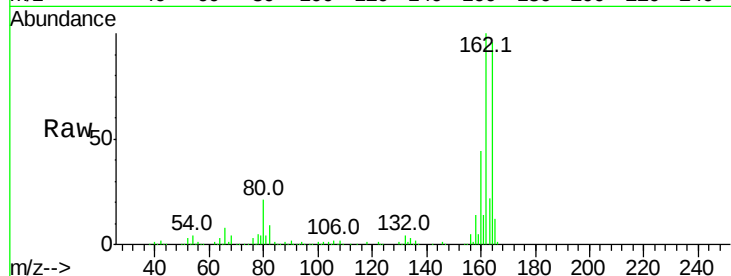




#50
 2,6-Dinitrotoluene
 Concen: 11.830 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.22 min
 Lab File: BF103901.D
 Acq: 24 Mar 2018 1:22

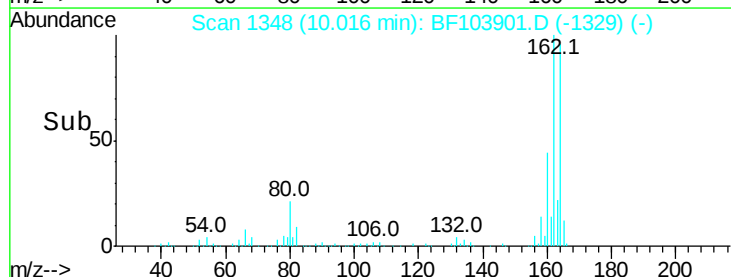
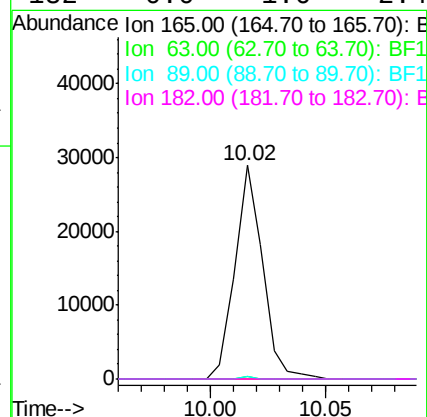
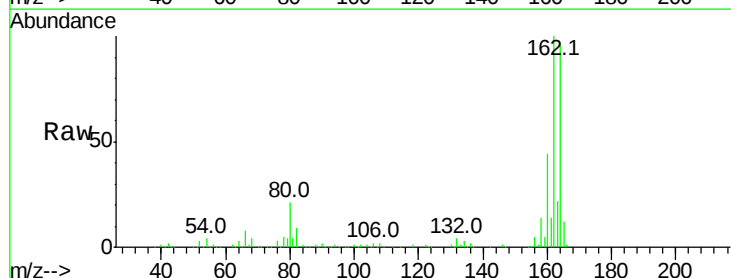
Instrument :
 BNA_F
 ClientSampleId :

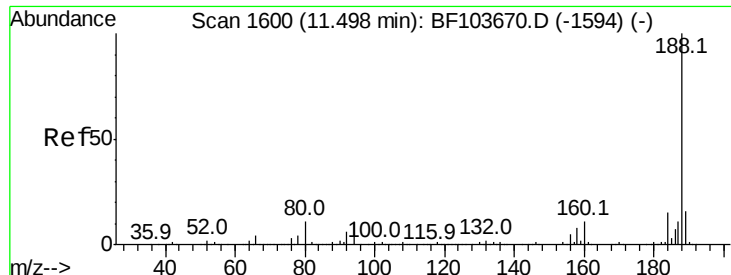
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 12.093 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF103901.D
 Acq: 24 Mar 2018 1:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

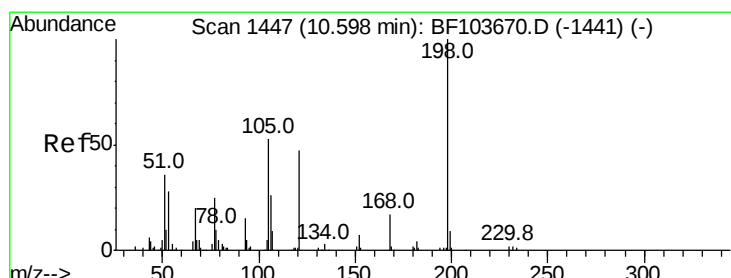
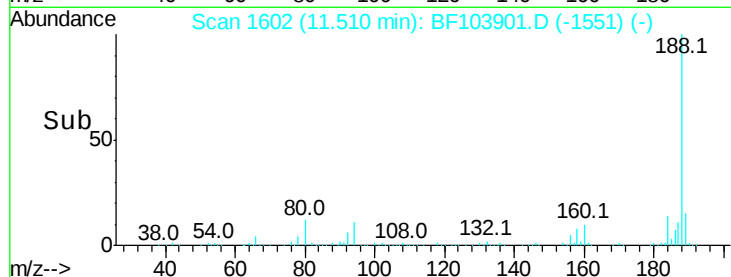
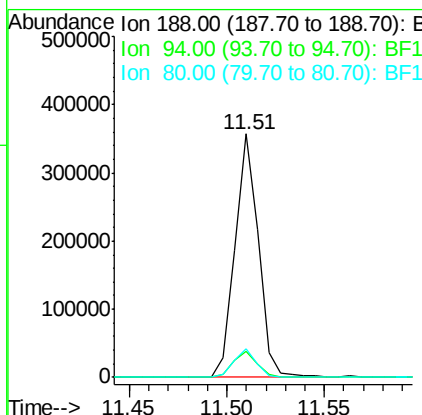
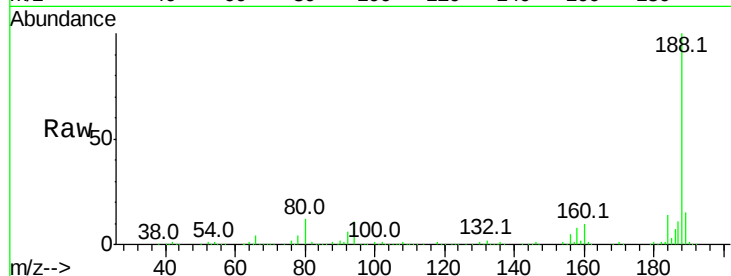




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BF103901.D
 Acq: 24 Mar 2018 1:22

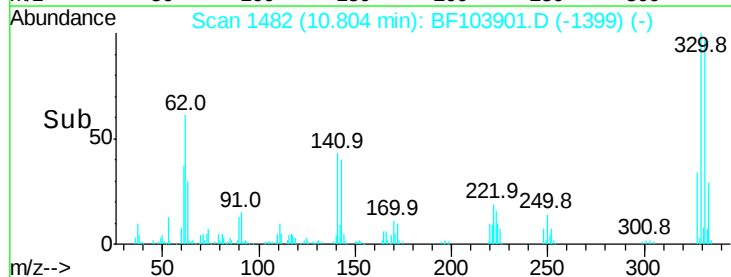
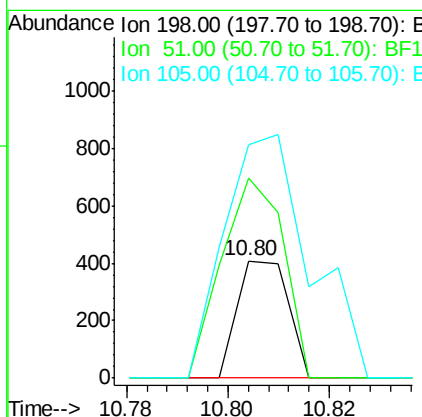
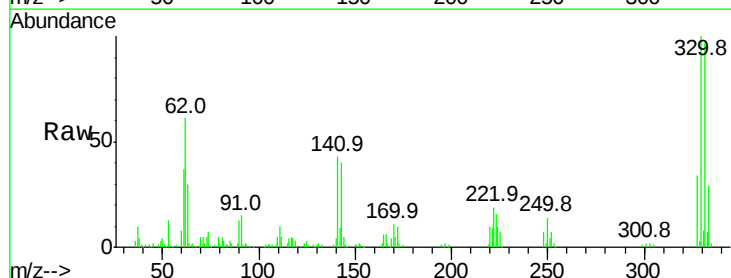
Instrument :
 BNA_F
 ClientSampleId :

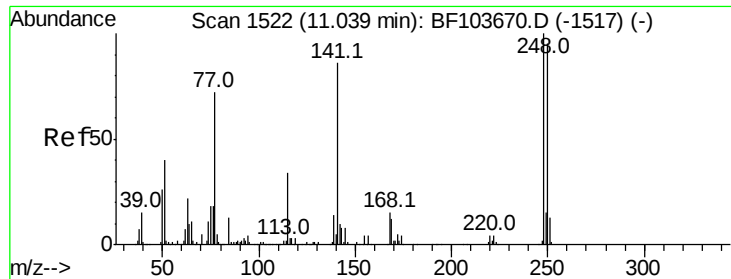
Tot Ion:188 Resp: 298050
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.403 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.19 min
 Lab File: BF103901.D
 Acq: 24 Mar 2018 1:22

Tgt Ion:198 Resp: 285
 Ion Ratio Lower Upper
 198 100
 51 170.3 37.7 77.7#
 105 198.5 36.3 76.3#

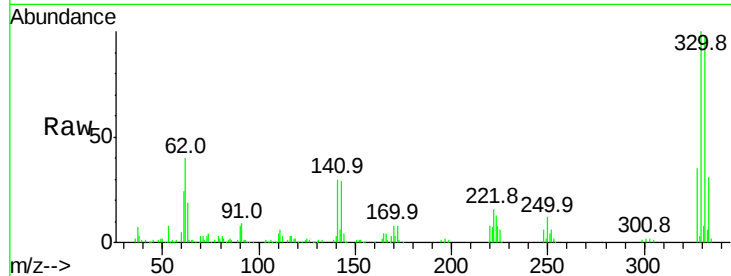




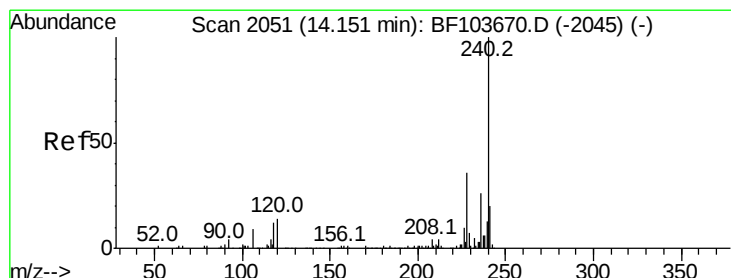
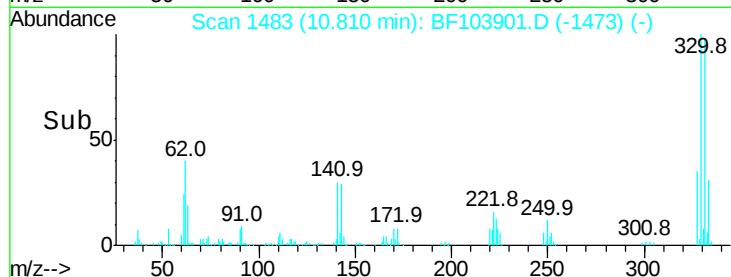
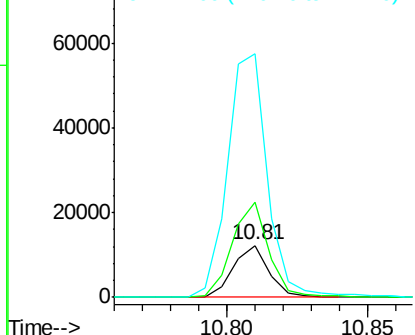
#66
4-Bromophenyl-phenylether
Concen: 3.470 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF103901.D
Acq: 24 Mar 2018 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10619
Ion Ratio Lower Upper
248 100
250 184.7 76.9 115.3#
141 470.0 74.4 111.6#

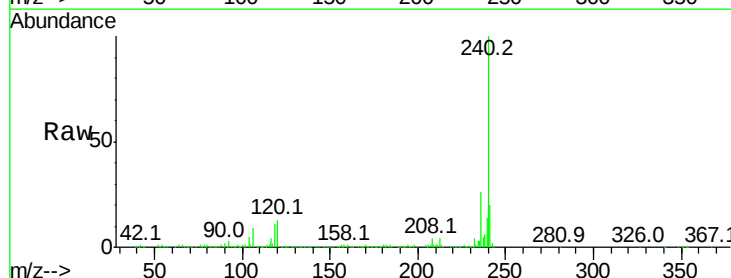


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

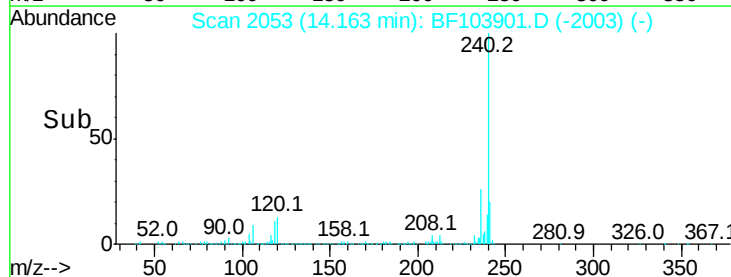
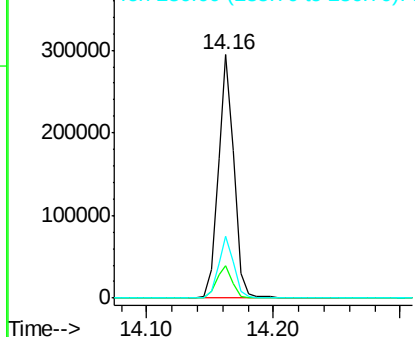


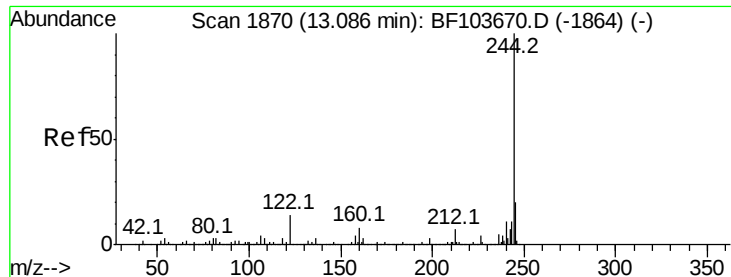
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103901.D
Acq: 24 Mar 2018 1:22

Tgt Ion:240 Resp: 255800
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.5 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: 91.186 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BF103901.D

Acq: 24 Mar 2018 1:22

Instrument :

BNA_F

ClientSampled :

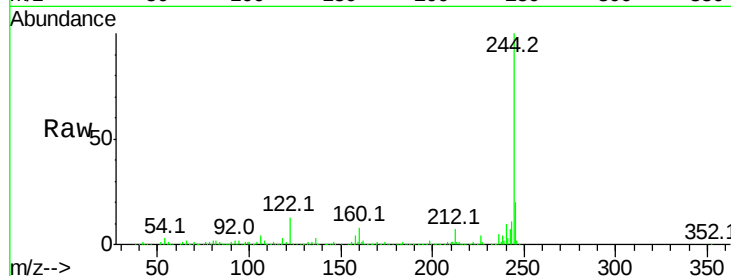
Tot Ion:244 Resp: 1004906

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

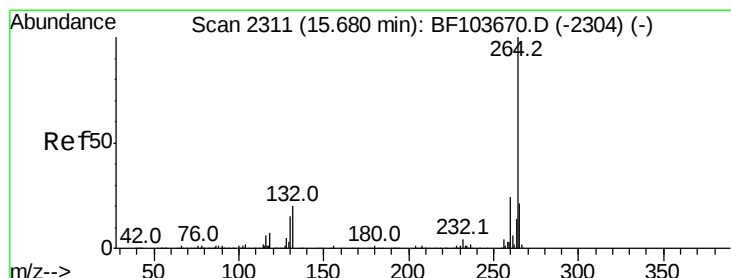
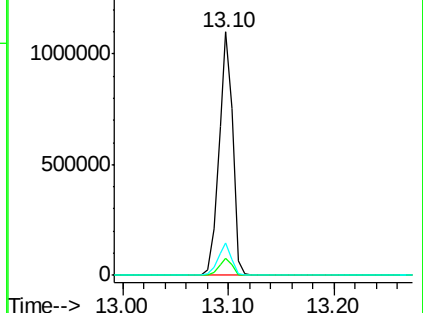
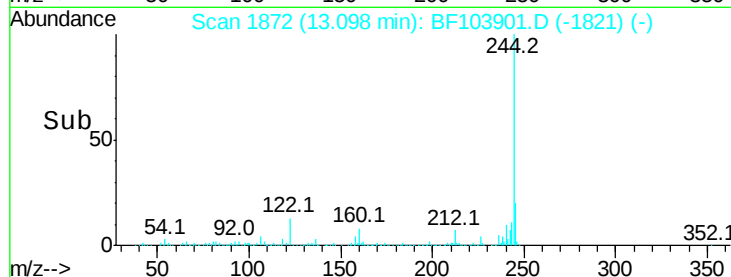
122 13.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BF103901.D

Acq: 24 Mar 2018 1:22

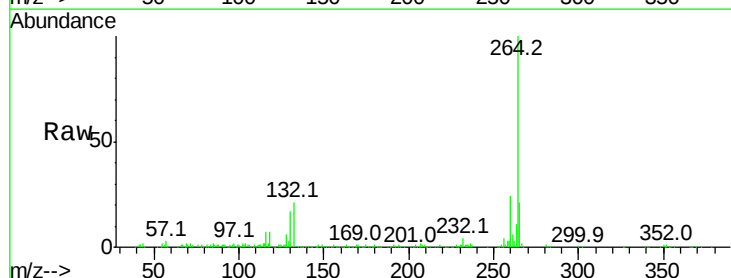
Tgt Ion:264 Resp: 187143

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.3 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

