

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103701.D
 Acq On : 16 Mar 2018 17:32
 Operator : JU/SJ
 Sample : PB107409BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 16 22:58:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

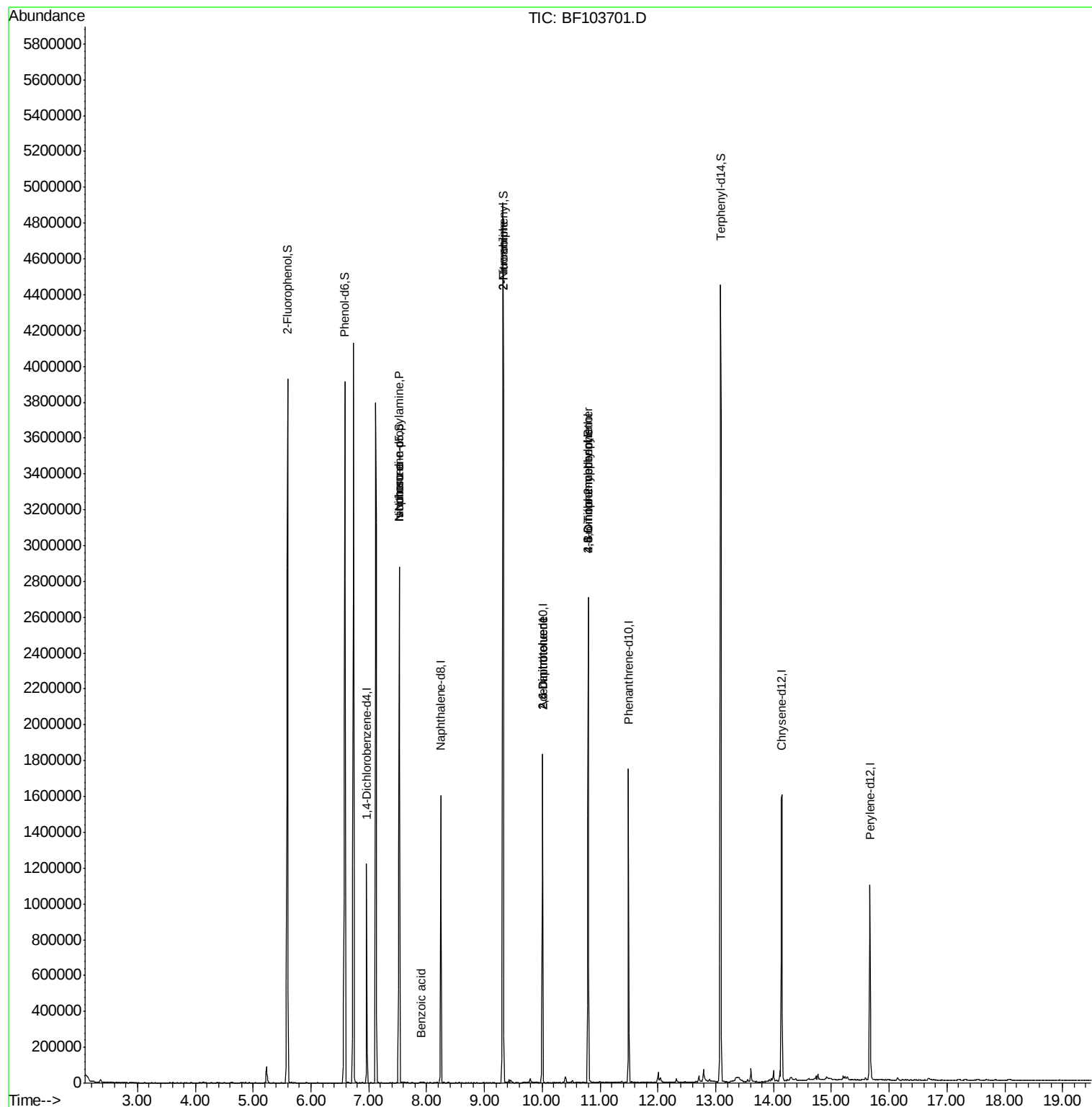
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	168053	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	688881	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	330800	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	606299	20.00	ng	0.00
75) Chrysene-d12	14.14	240	541828	20.00	ng	0.00
86) Perylene-d12	15.67	264	489453	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1430758	129.49	ng	0.02
7) Phenol-d6	6.59	99	1753566	129.73	ng	0.00
23) Nitrobenzene-d5	7.53	82	1083201	109.65	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	363834	127.92	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1761813	84.96	ng	0.00
78) Terphenyl-d14	13.09	244	1817706	77.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	143209	16.531	ng	# 74
25) Isophorone	7.53	82	1083176	47.367	ng	# 64
32) Benzoic acid	7.90	122	341	9.944	ng	# 87
47) 2-Nitroaniline	9.32	65	3058	7.272	ng	# 1
50) 2,6-Dinitrotoluene	10.00	165	42490	11.964	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	42490	12.194	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.79	198	810	8.517	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	22354	3.591	ng	# 1

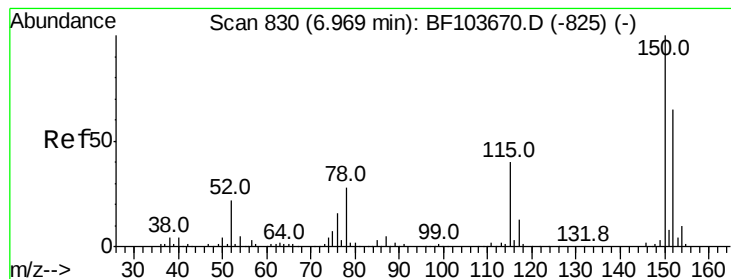
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103701.D
Acq On : 16 Mar 2018 17:32
Operator : JU/SJ
Sample : PB107409BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 16 22:58:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration



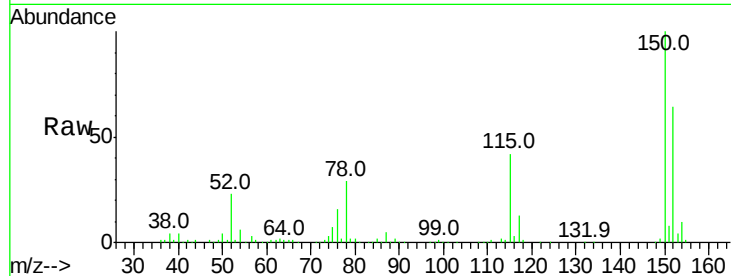


#1

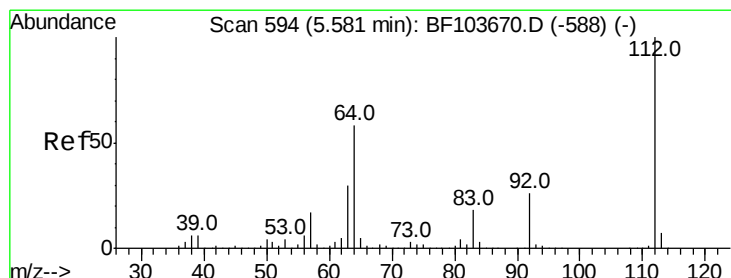
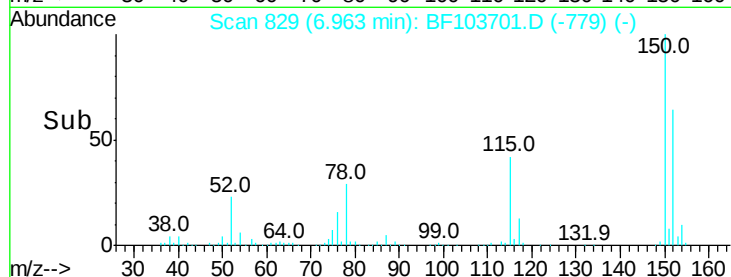
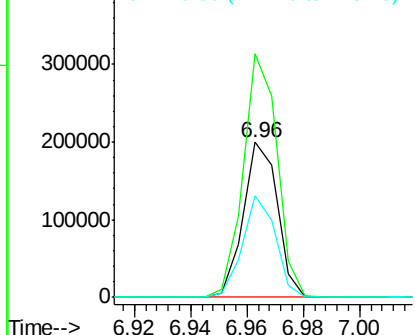
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103701.D
Acq: 16 Mar 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 168053
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 65.4 50.1 75.1



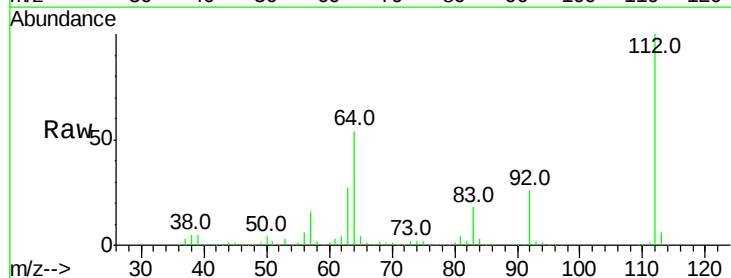
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



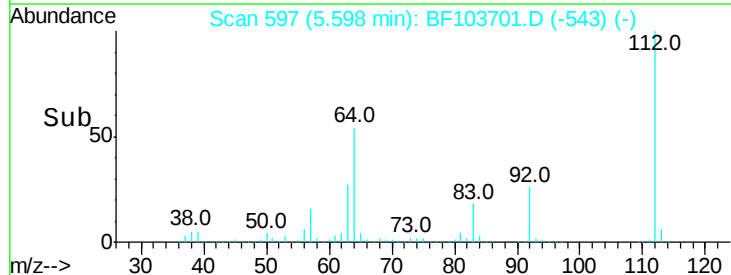
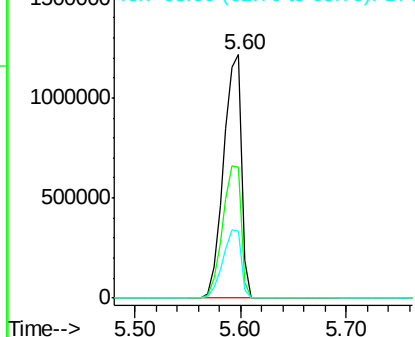
#5

2-Fluorophenol
Concen: 129.493 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103701.D
Acq: 16 Mar 2018 17:32

Tgt Ion:112 Resp: 1430758
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 27.3 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: 129.725 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103701.D

Acq: 16 Mar 2018 17:32

Instrument :

BNA_F

ClientSampleId :

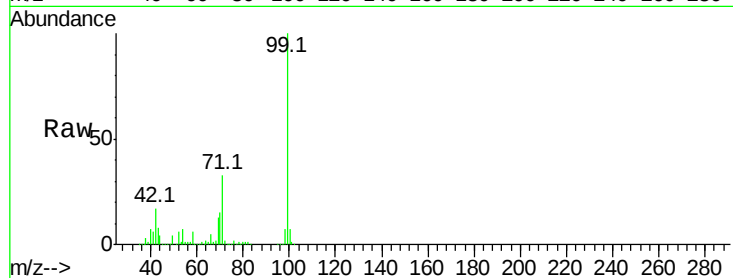
Tot Ion: 99 Resp: 1753566

Ion Ratio Lower Upper

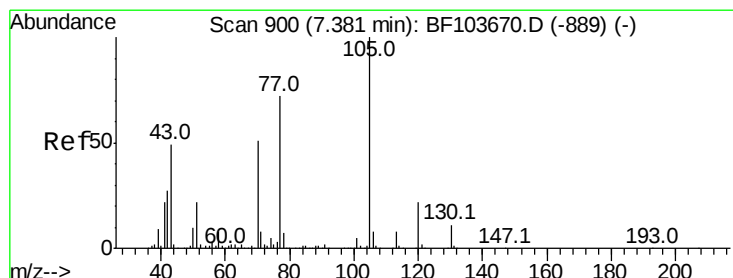
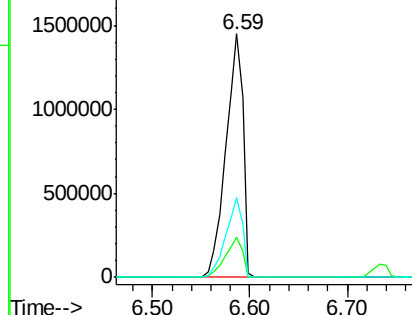
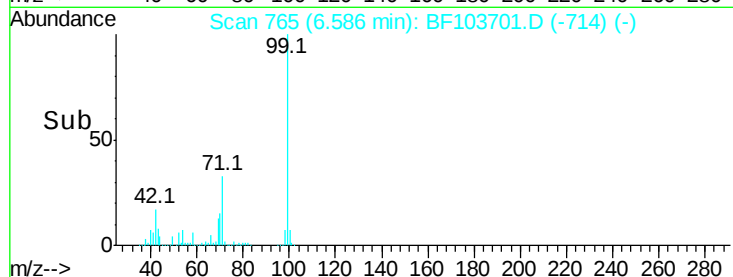
99 100

42 16.6 14.5 21.7

71 32.8 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: 16.531 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF103701.D

Acq: 16 Mar 2018 17:32

Tgt Ion: 70 Resp: 143209

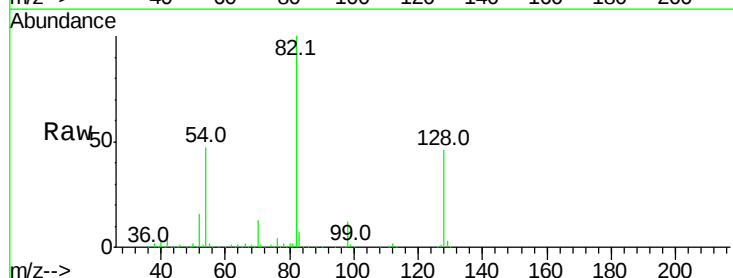
Ion Ratio Lower Upper

70 100

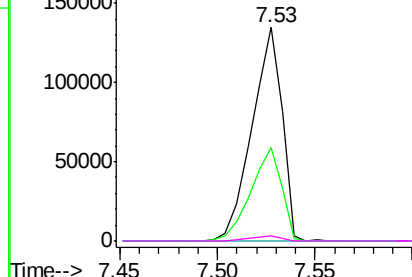
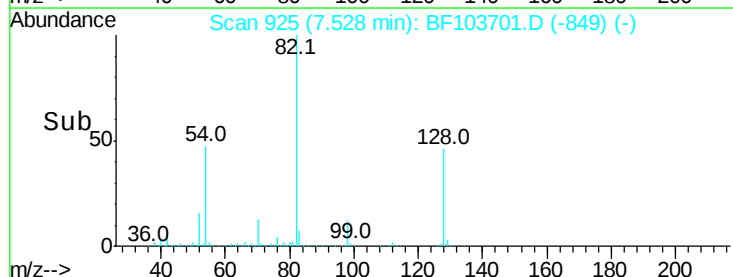
42 43.8 47.5 71.3#

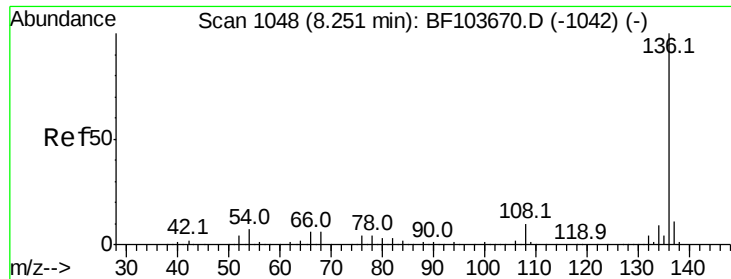
101 0.0 7.4 11.2#

130 2.5 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

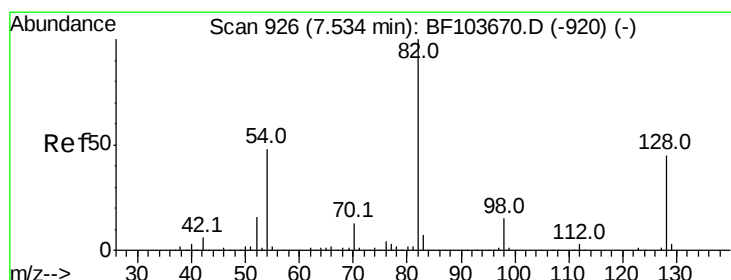
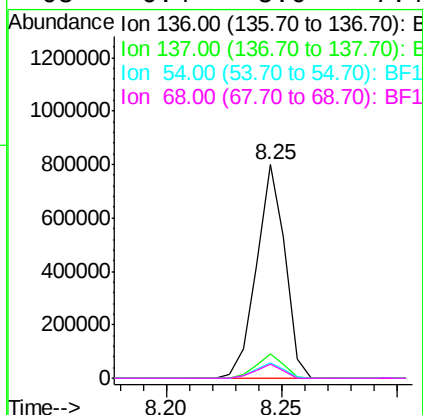
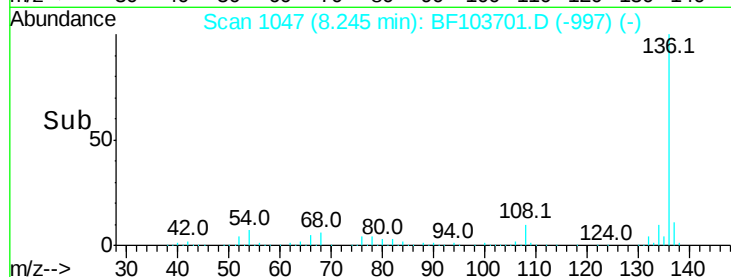
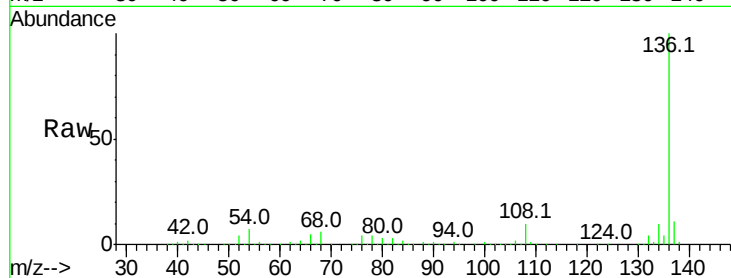




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF103701.D
Acq: 16 Mar 2018 17:32

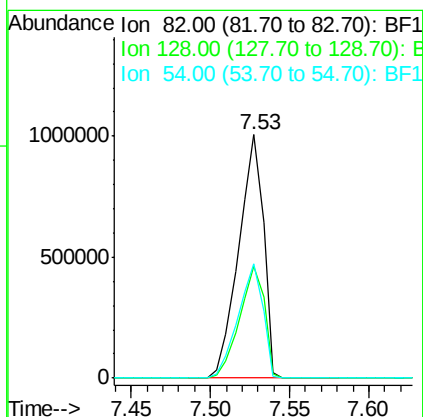
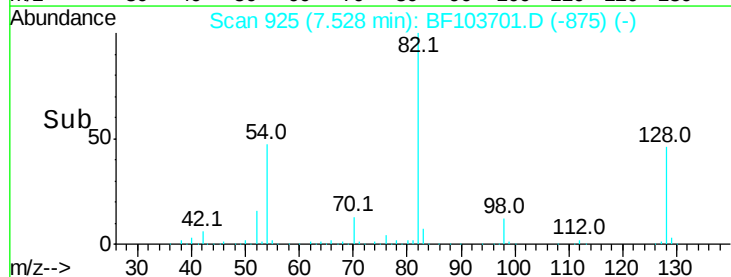
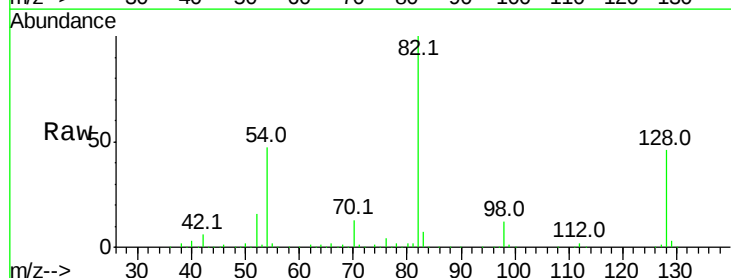
Instrument :
BNA_F
ClientSampleId :

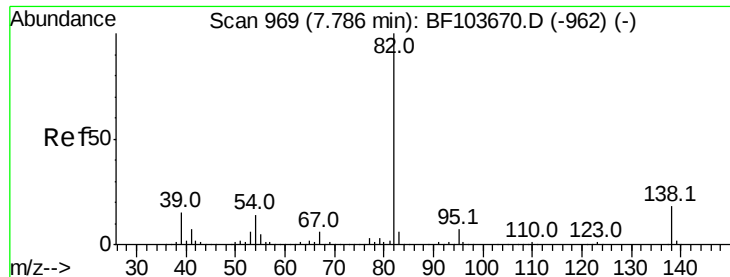
Tot Ion:	136	Resp:	688881
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.5	6.6	9.8
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 109.653 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103701.D
Acq: 16 Mar 2018 17:32

Tgt Ion:	82	Resp:	1083201
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	46.8	41.4	62.2





#25

Isophorone

Concen: 47.367 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.26 min

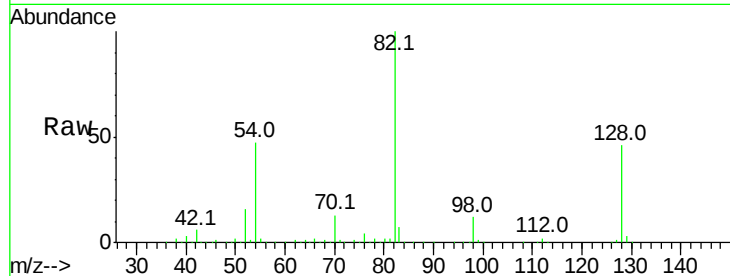
Lab File: BF103701.D

Acq: 16 Mar 2018 17:32

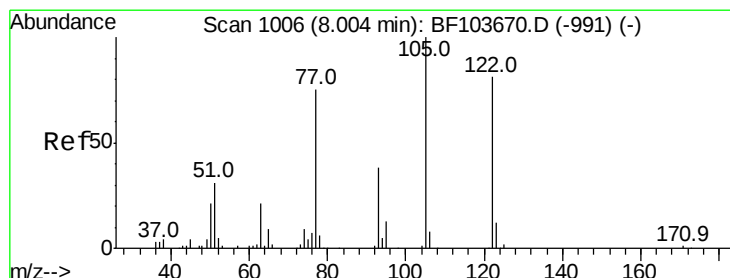
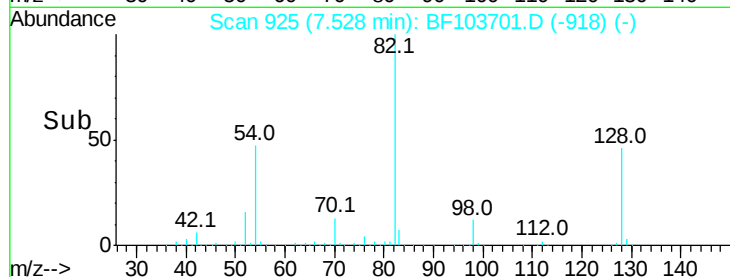
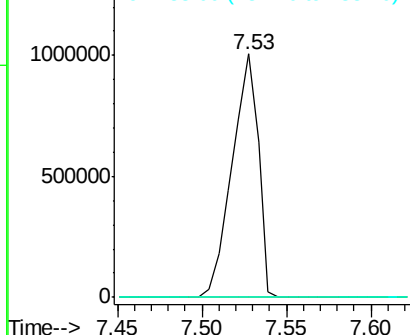
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1083176

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



#32

Benzoic acid

Concen: 9.944 ng

RT: 7.90 min Scan# 988

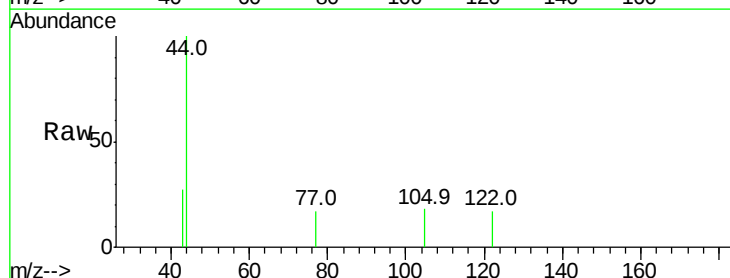
Delta R.T. -0.11 min

Lab File: BF103701.D

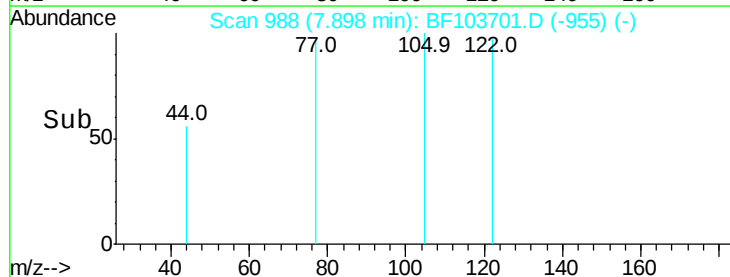
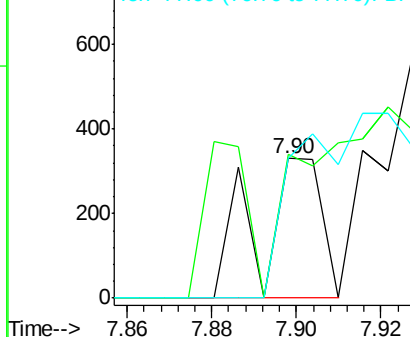
Acq: 16 Mar 2018 17:32

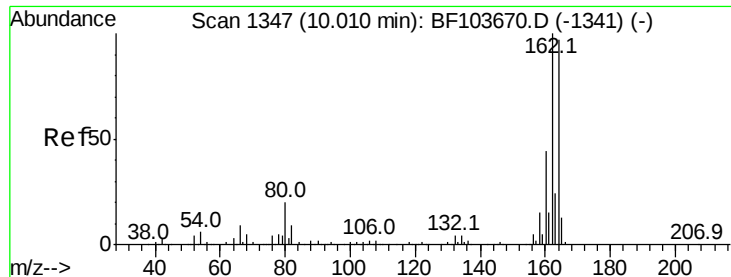
Tgt Ion:122 Resp: 341

Ion	Ratio	Lower	Upper
122	100		
105	103.0	101.1	141.1
77	100.0	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

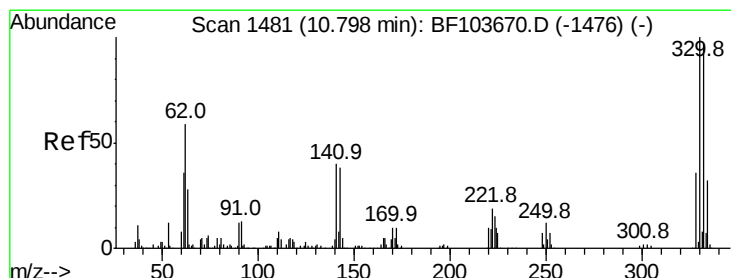
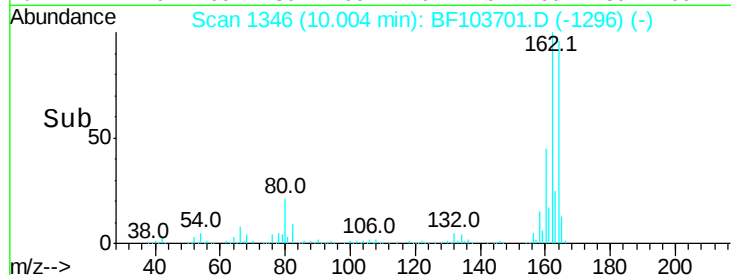
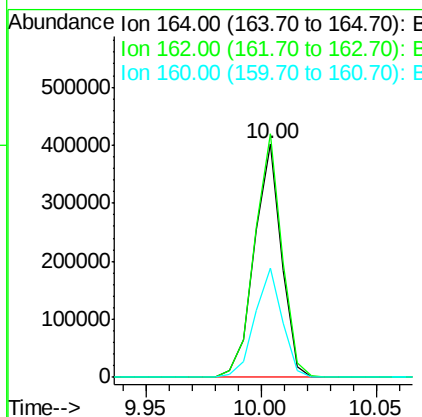
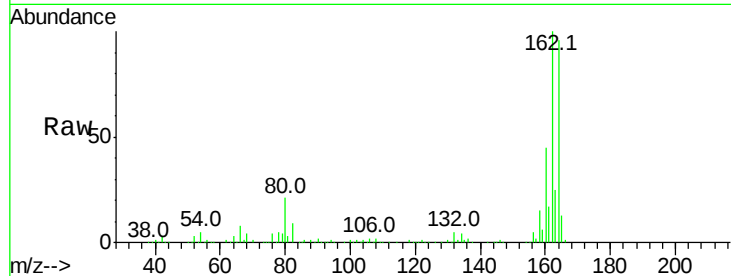




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF103701.D
 Acq: 16 Mar 2018 17:32

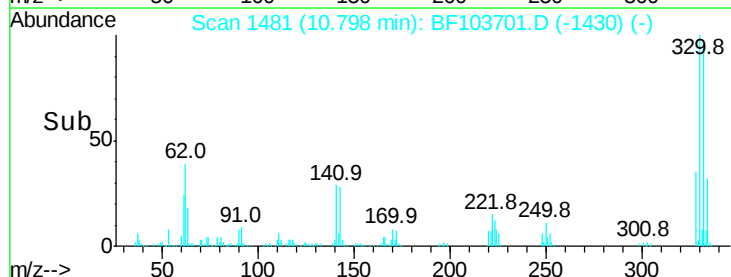
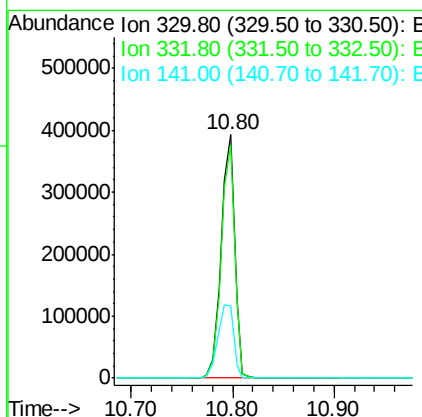
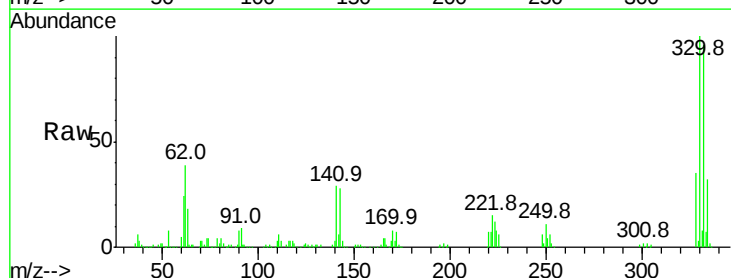
Instrument :
 BNA_F
 ClientSampled :

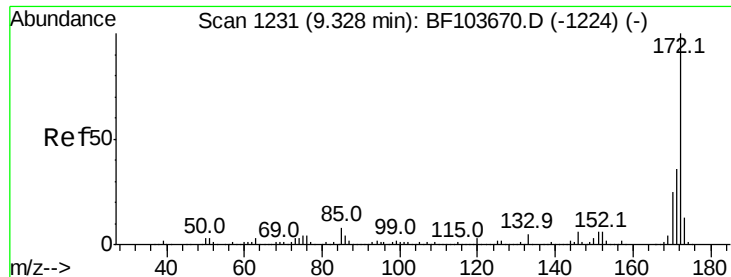
Tot Ion:164 Resp: 330800
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 46.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 127.920 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103701.D
 Acq: 16 Mar 2018 17:32

Tgt Ion:330 Resp: 363834
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 35.3 29.9 44.9

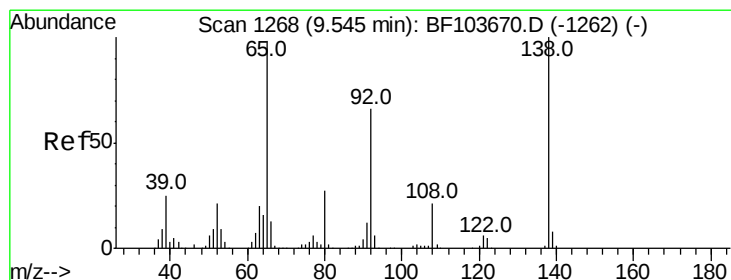
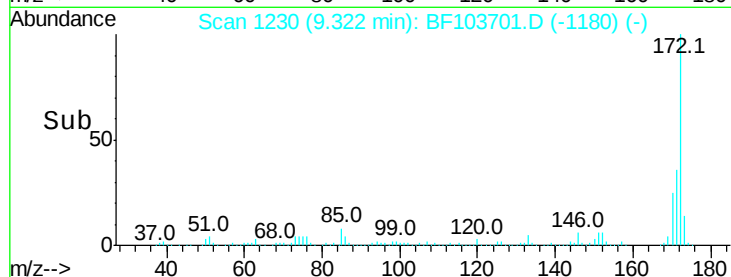
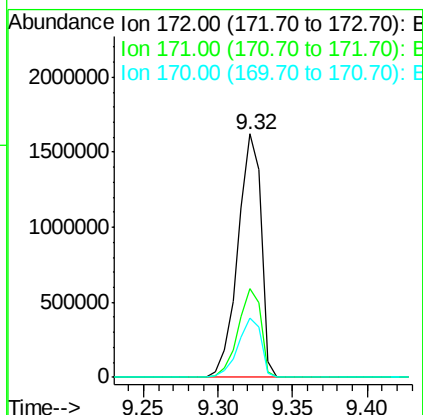
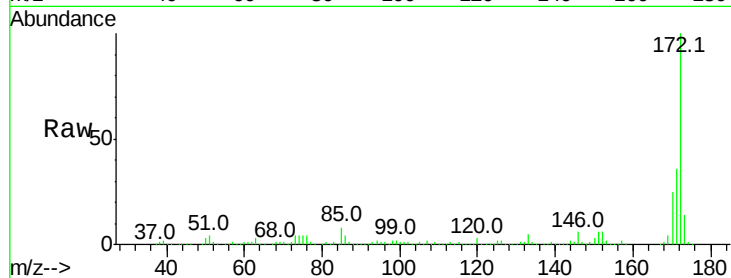




#44
 2-Fluorobiphenyl
 Concen: 84.956 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103701.D
 Acq: 16 Mar 2018 17:32

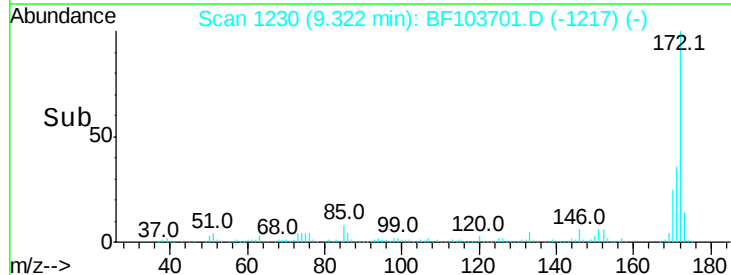
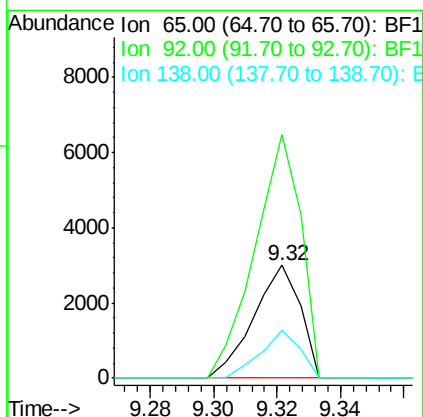
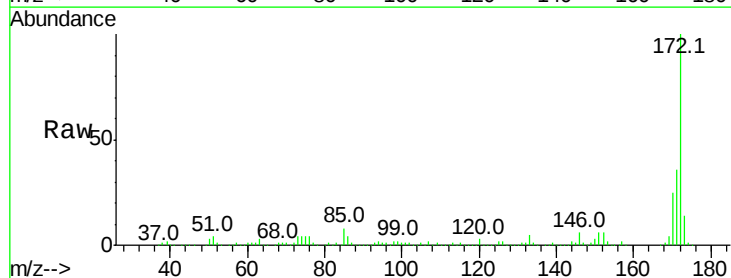
Instrument :
 BNA_F
 ClientSampleId :

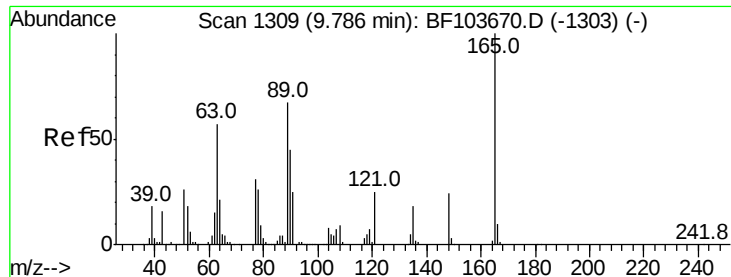
Tot Ion:172 Resp: 1761813
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.6 19.6 29.4



#47
 2-Nitroaniline
 Concen: 7.272 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.22 min
 Lab File: BF103701.D
 Acq: 16 Mar 2018 17:32

Tgt Ion: 65 Resp: 3058
 Ion Ratio Lower Upper
 65 100
 92 216.3 55.8 83.6#
 138 42.9 91.2 136.8#

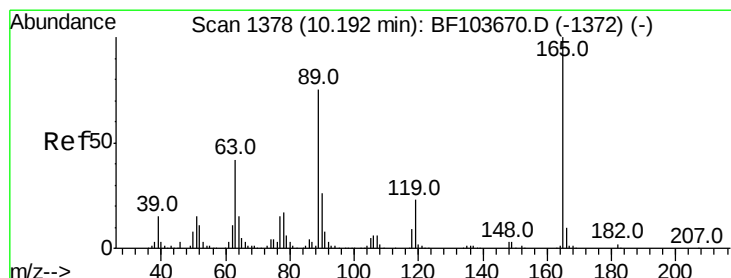
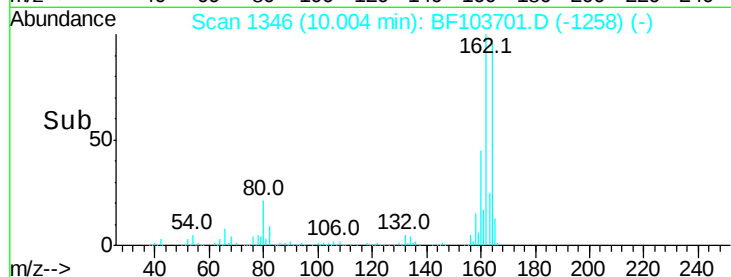
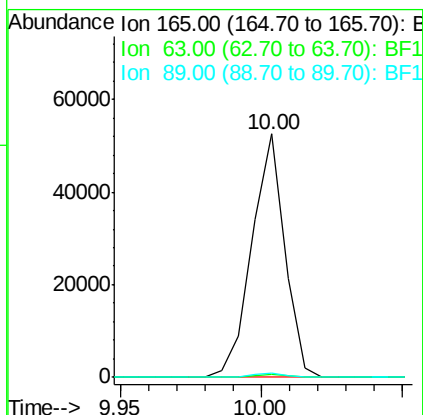
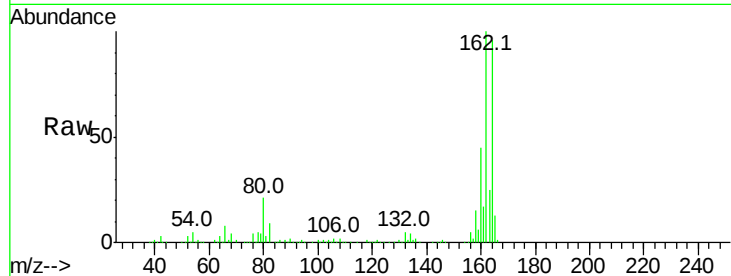




#50
2,6-Dinitrotoluene
Concen: 11.964 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.22 min
Lab File: BF103701.D
Acq: 16 Mar 2018 17:32

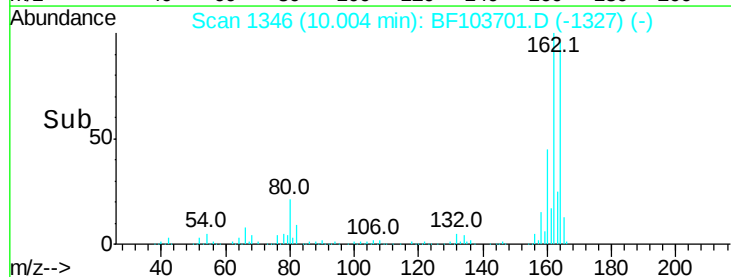
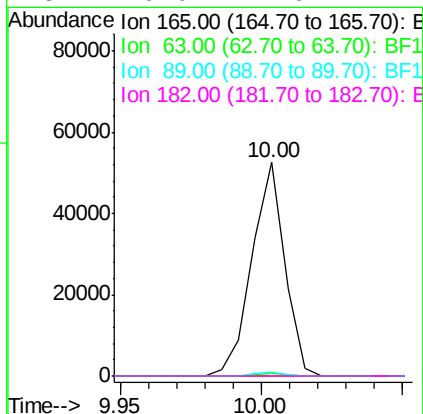
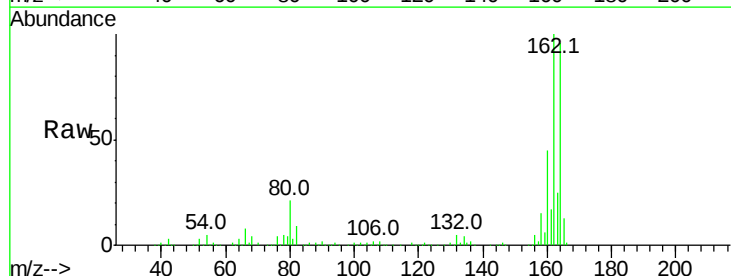
Instrument :
BNA_F
ClientSampleId :

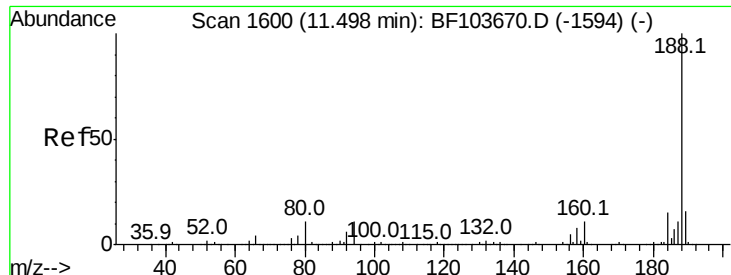
Tot Ion:165 Resp: 42490
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.5 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 12.194 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF103701.D
Acq: 16 Mar 2018 17:32

Tgt Ion:165 Resp: 42490
Ion Ratio Lower Upper
165 100
63 1.0 36.4 54.6#
89 1.5 57.8 86.6#
182 0.0 1.6 2.4#

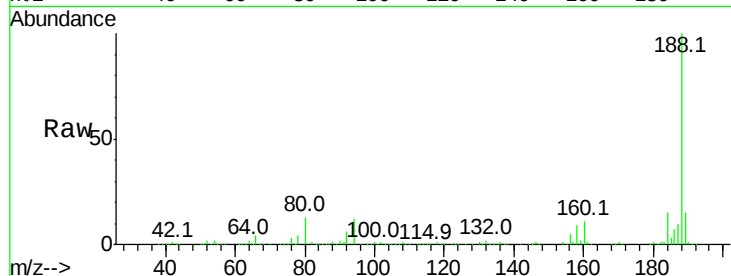




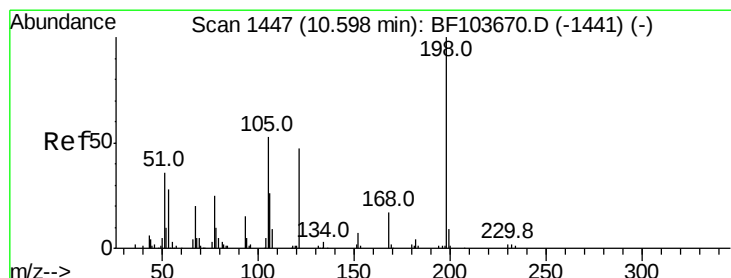
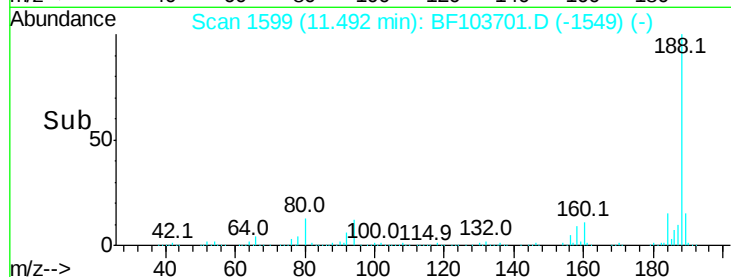
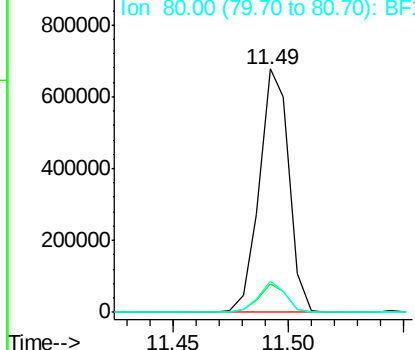
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF103701.D
 Acq: 16 Mar 2018 17:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 606299
 Ion Ratio Lower Upper
 188 100
 94 11.9 8.5 12.7
 80 12.6 9.2 13.8

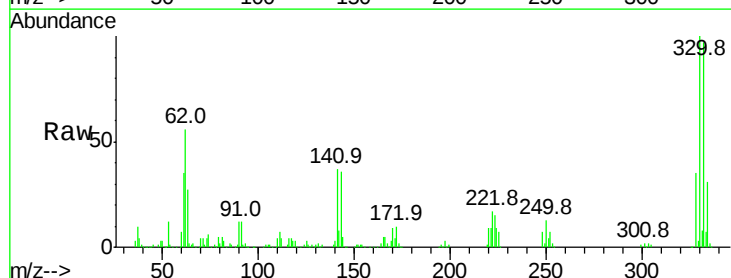


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

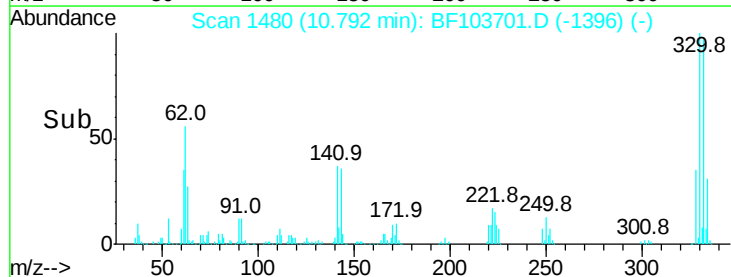
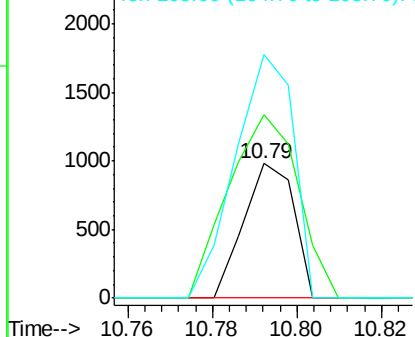


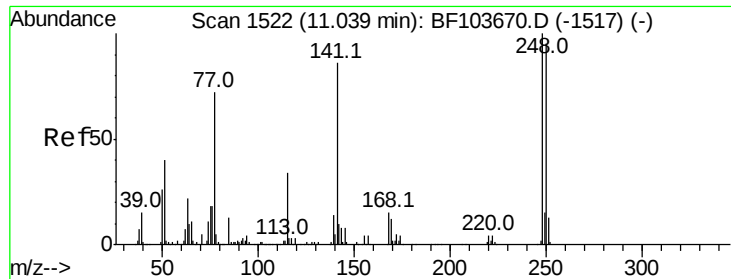
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.517 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.19 min
 Lab File: BF103701.D
 Acq: 16 Mar 2018 17:32

Tgt Ion:198 Resp: 810
 Ion Ratio Lower Upper
 198 100
 51 136.5 37.7 77.7#
 105 181.3 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

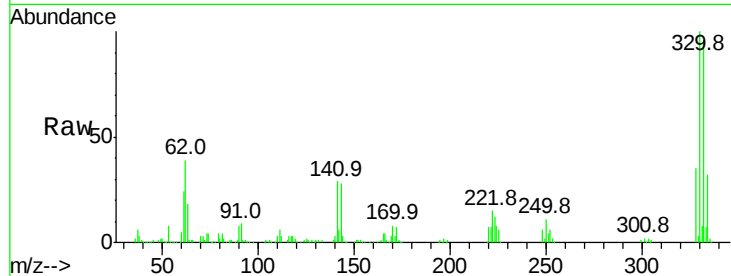




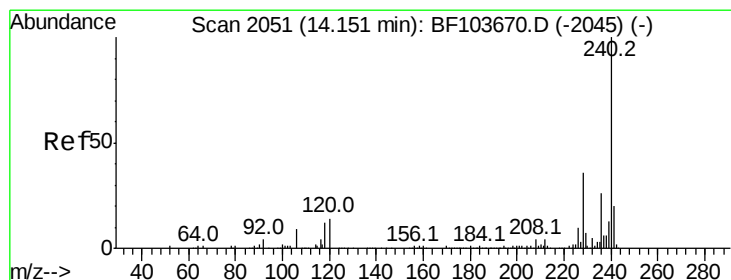
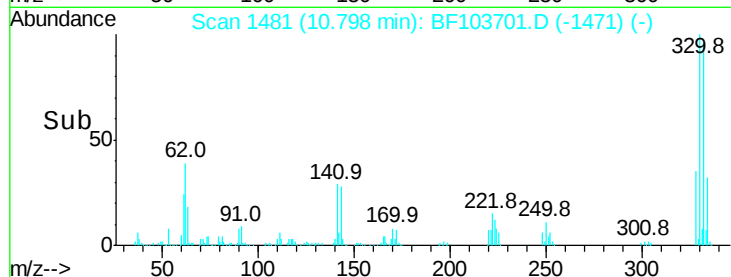
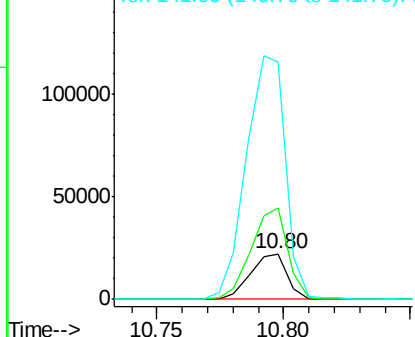
#66
4-Bromophenyl-phenylether
Concen: 3.591 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF103701.D
Acq: 16 Mar 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 22354
Ion Ratio Lower Upper
248 100
250 200.1 76.9 115.3#
141 523.6 74.4 111.6#

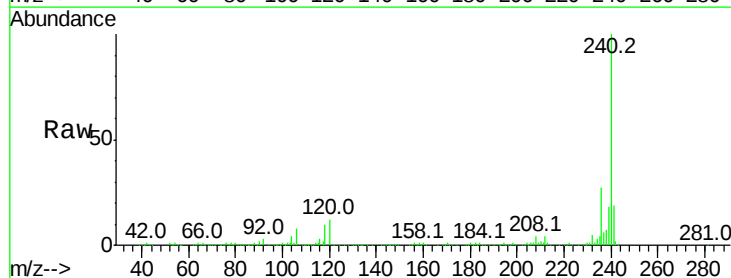


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

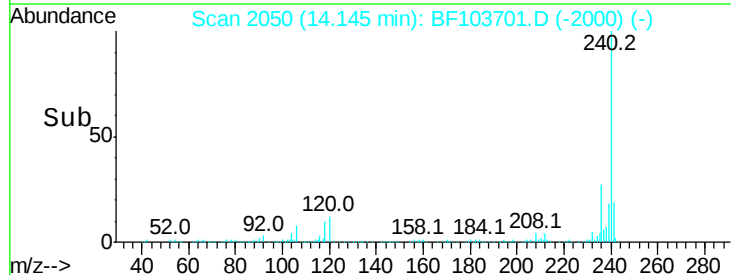
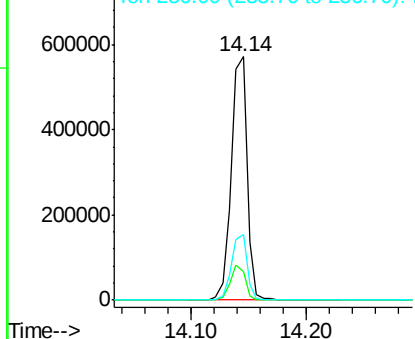


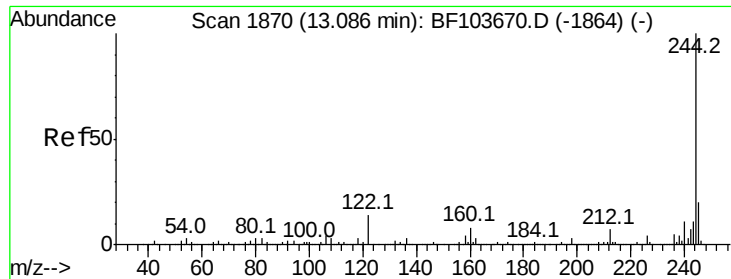
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF103701.D
Acq: 16 Mar 2018 17:32

Tgt Ion:240 Resp: 541828
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 26.8 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

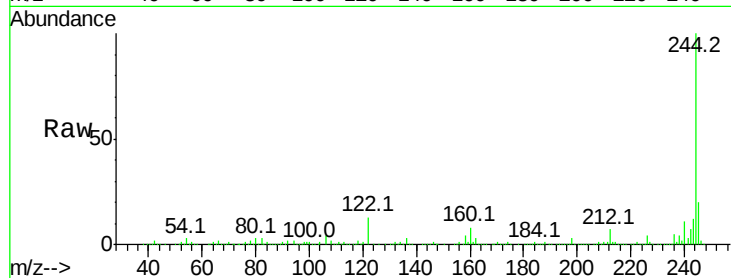




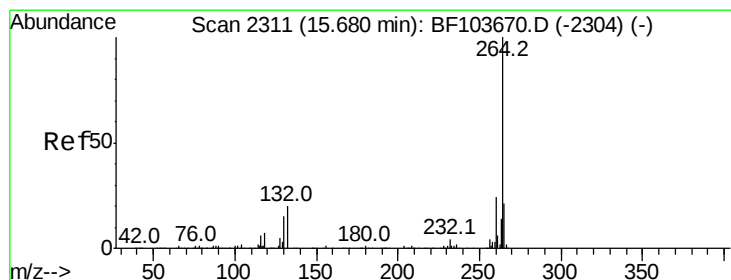
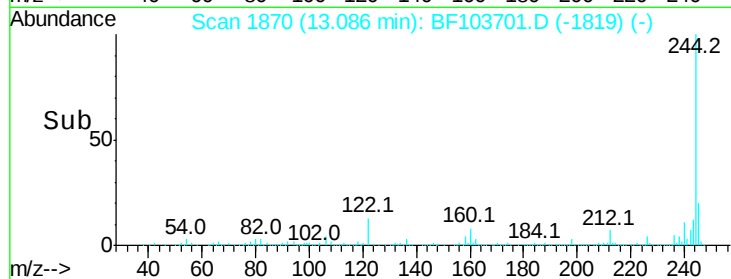
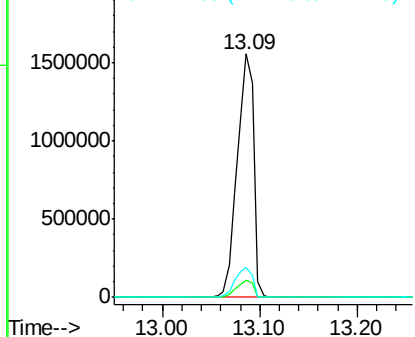
#78
 Terphenyl-d14
 Concen: 77.869 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF103701.D
 Acq: 16 Mar 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1817706
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.5 11.0 16.4

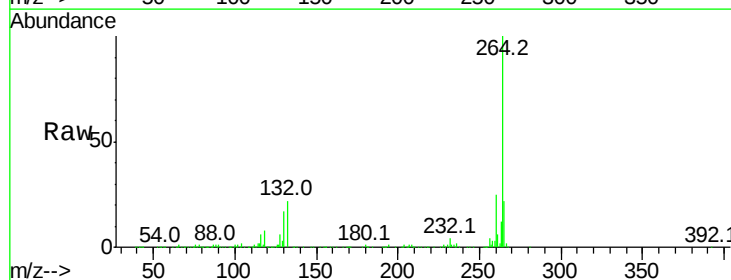


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF103701.D
 Acq: 16 Mar 2018 17:32

Tgt Ion:264 Resp: 489453
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 21.6 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

