

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
 Data File : BF103046.D
 Acq On : 16 Feb 2018 12:32
 Operator : SJ/JU
 Sample : J1402-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 13:38:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	187940	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	773729	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	321153	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	494940	20.00	ng	0.00
75) Chrysene-d12	14.04	240	346482	20.00	ng	0.00
86) Perylene-d12	15.54	264	307118	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1176073	95.03	ng	0.01
7) Phenol-d6	6.51	99	1383927	92.88	ng	0.00
23) Nitrobenzene-d5	7.44	82	875681	78.51	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	237115	91.73	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1199293	61.97	ng	0.00
78) Terphenyl-d14	12.99	244	880065	60.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	116079	11.815	ng	# 81
25) Isophorone	7.44	82	875676	34.096	ng	# 64
47) 2-Nitroaniline	9.37	65	342	3.520	ng	# 2
49) Dimethylphthalate	9.62	163	79991	3.194	ng	# 99
50) 2,6-Dinitrotoluene	9.92	165	42000	8.816	ng	# 26
55) 4-Nitrophenol	10.01	139	114	4.046	ng	# 61
56) 2,4-Dinitrotoluene	9.92	165	42000	9.228	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	548	9.038	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	15218	2.907	ng	# 1

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

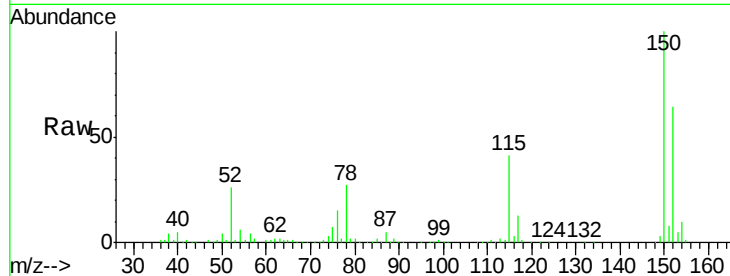


#1

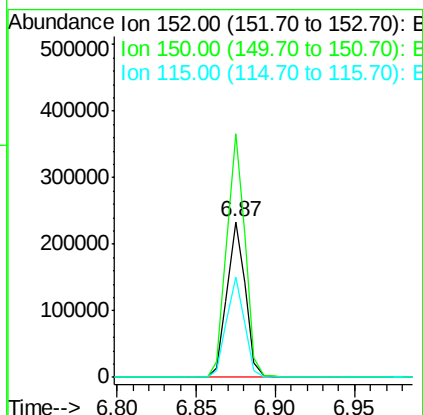
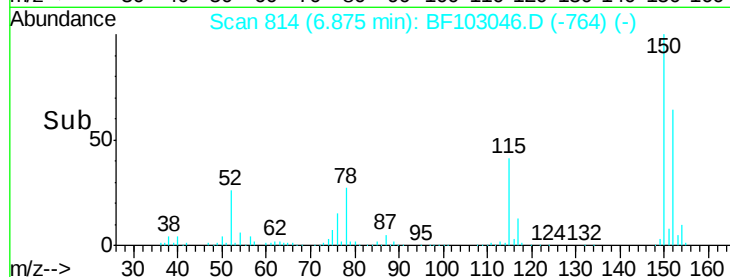
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103046.D
Acq: 16 Feb 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 187940
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 64.1 50.1 75.1



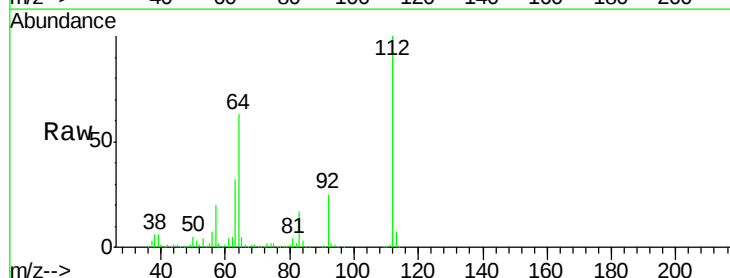
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



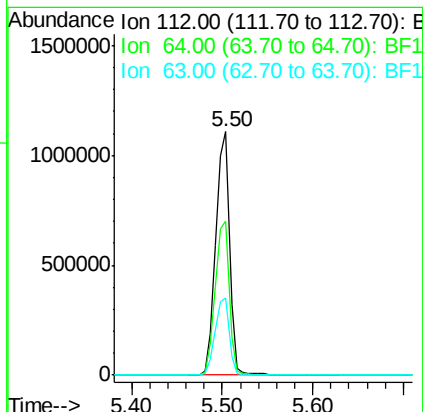
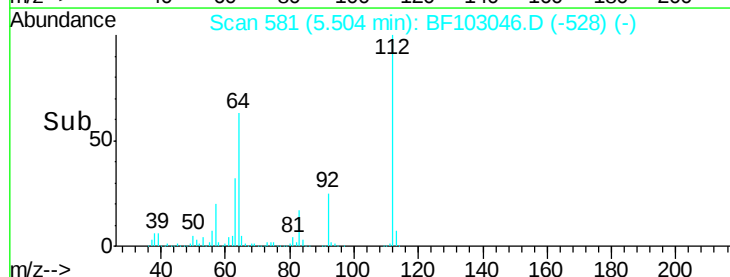
#5

2-Fluorophenol
Concen: 95.034 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103046.D
Acq: 16 Feb 2018 12:32

Tgt Ion:112 Resp: 1176073
Ion Ratio Lower Upper
112 100
64 63.2 47.9 71.9
63 31.7 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: 92.876 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103046.D

Acq: 16 Feb 2018 12:32

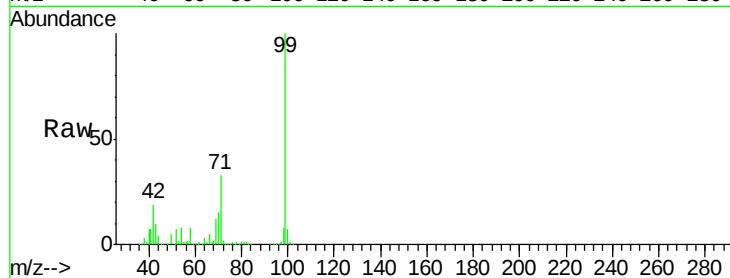
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1383927

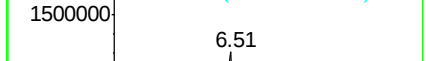
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	32.7	25.4	38.0



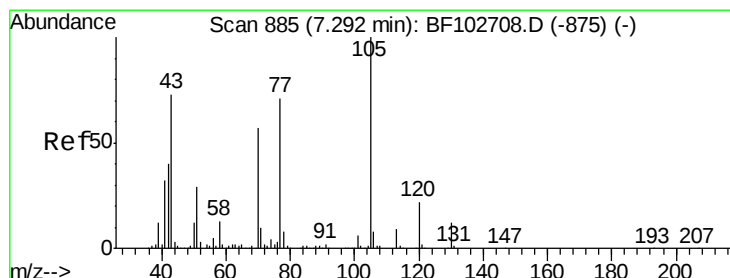
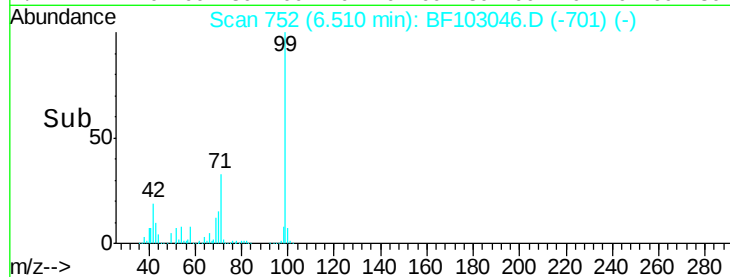
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 11.815 ng

RT: 7.44 min Scan# 910

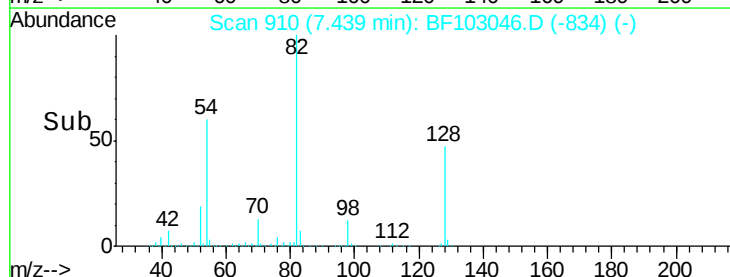
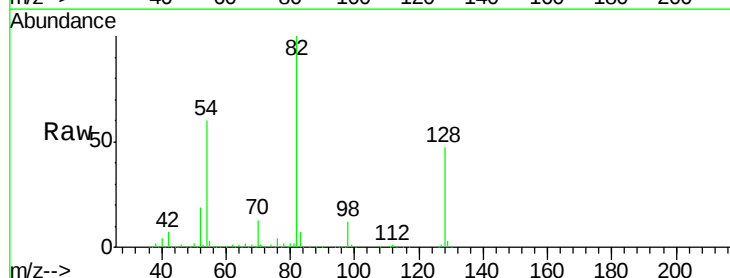
Delta R.T. 0.15 min

Lab File: BF103046.D

Acq: 16 Feb 2018 12:32

Tgt Ion: 70 Resp: 116079

Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

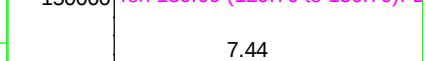


Abundance Ion 70.00 (69.70 to 70.70): BF1

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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103046.D

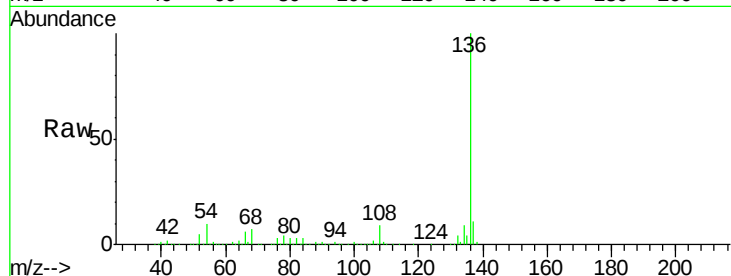
Acq: 16 Feb 2018 12:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp:	773729
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	10.0	6.6 9.8#
68	6.9	5.0 7.4

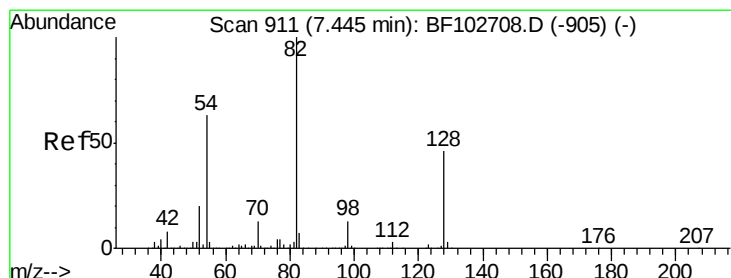
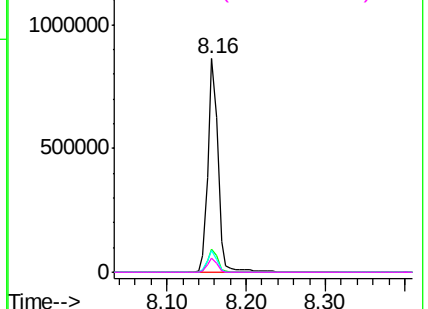
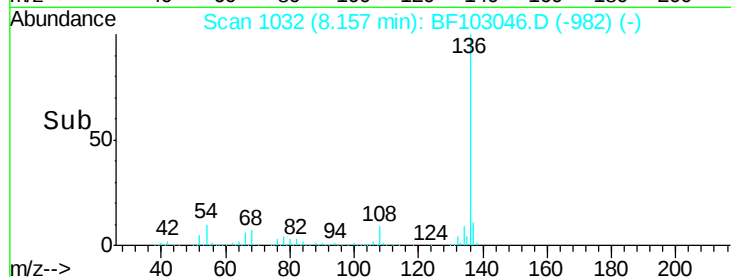


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.511 ng

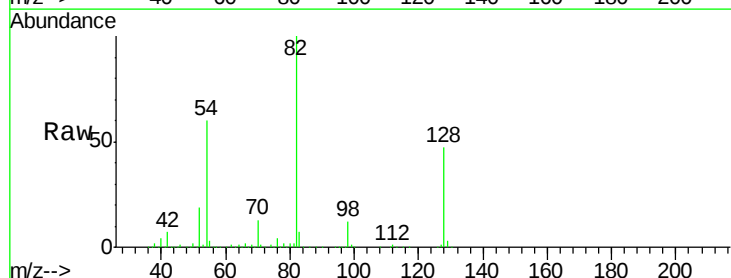
RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103046.D

Acq: 16 Feb 2018 12:32

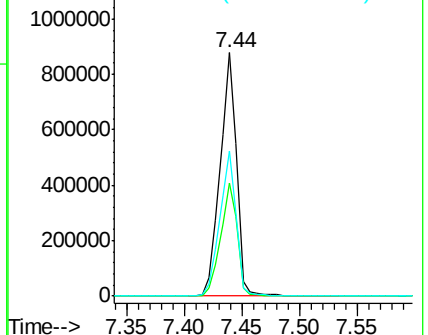
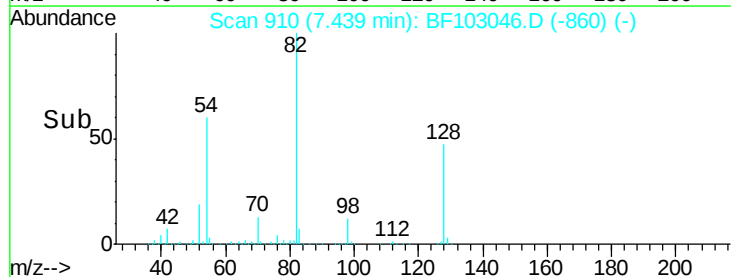
Tgt Ion: 82	Resp:	875681
Ion	Ratio	Lower Upper
82	100	
128	46.6	36.1 54.1
54	59.7	41.4 62.2

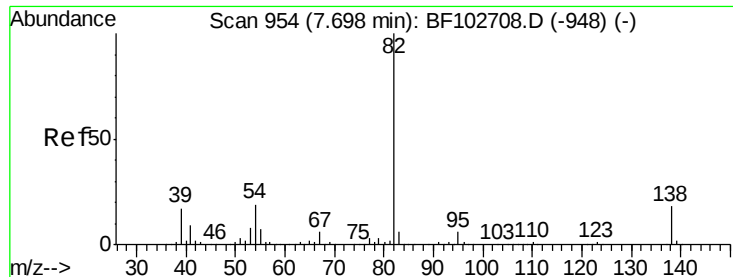


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.096 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF103046.D

Acq: 16 Feb 2018 12:32

Instrument :

BNA_F

ClientSampled :

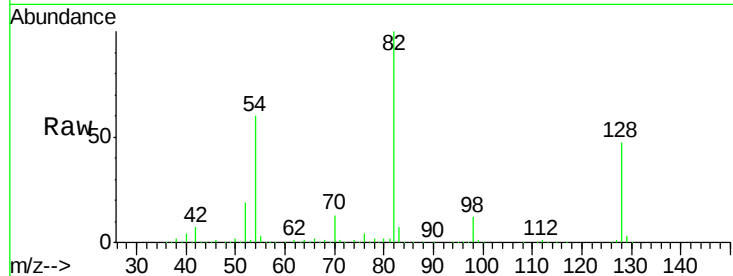
Tot Ion: 82 Resp: 875676

Ion Ratio Lower Upper

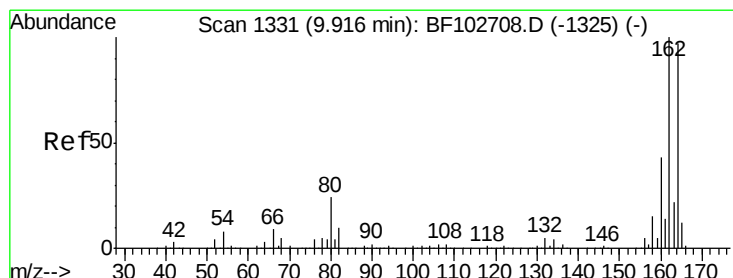
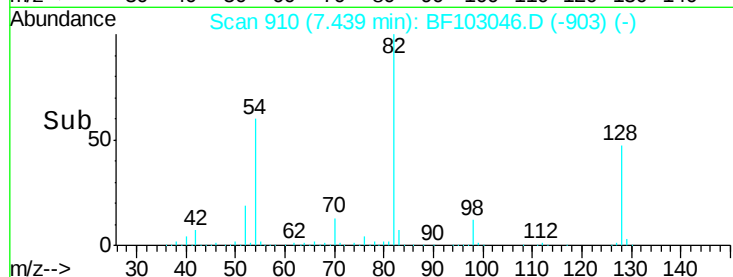
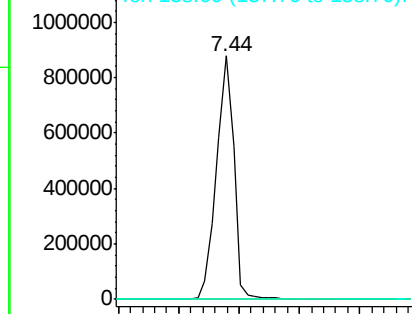
82 100

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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF103046.D

Acq: 16 Feb 2018 12:32

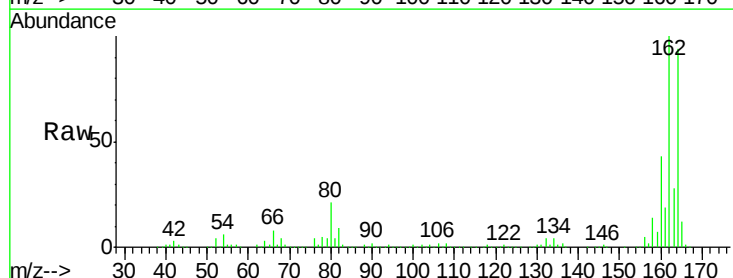
Tgt Ion: 164 Resp: 321153

Ion Ratio Lower Upper

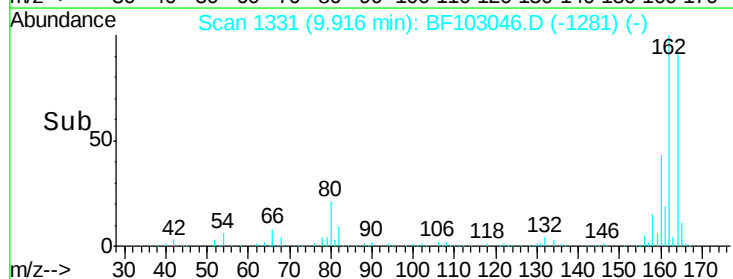
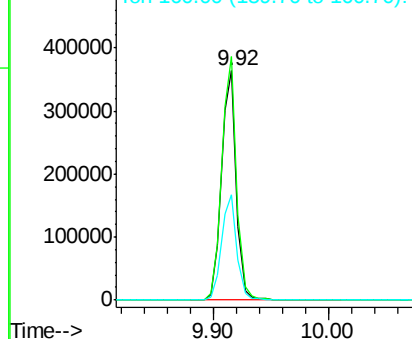
164 100

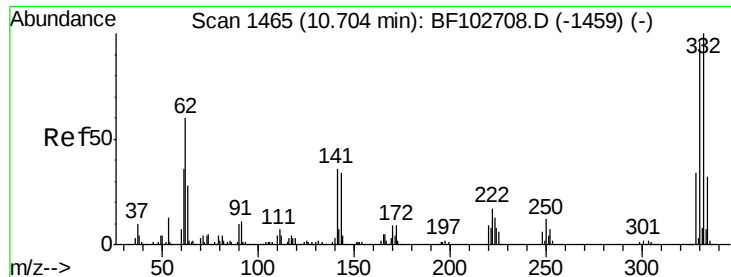
162 106.1 86.1 129.1

160 46.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

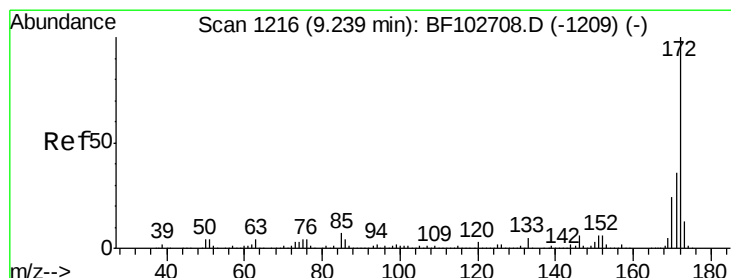
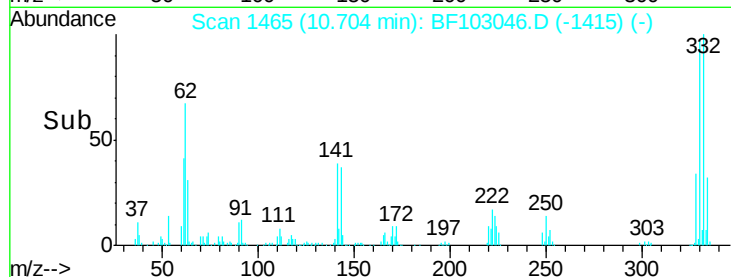
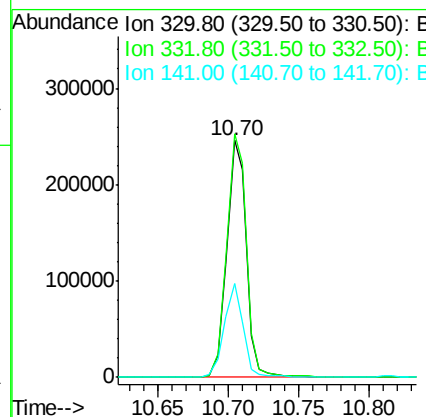
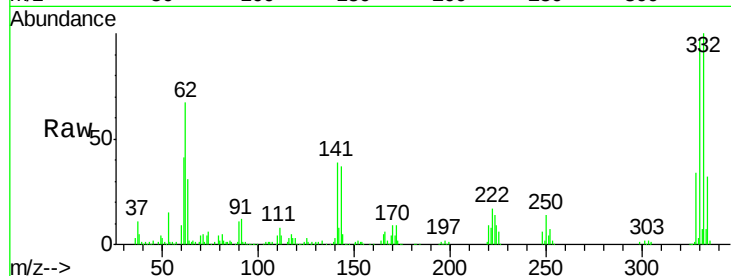




#41
 2,4,6-Tribromophenol
 Concen: 91.731 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103046.D
 Acq: 16 Feb 2018 12:32

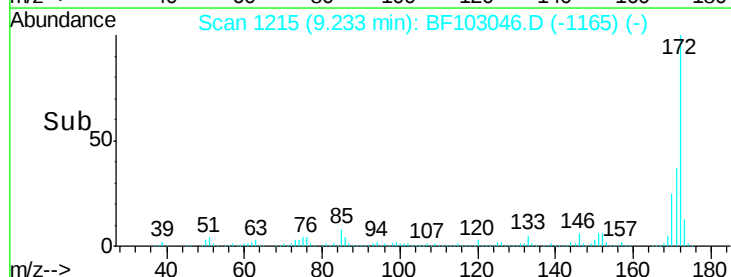
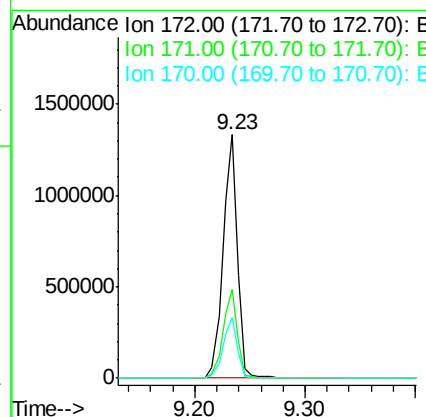
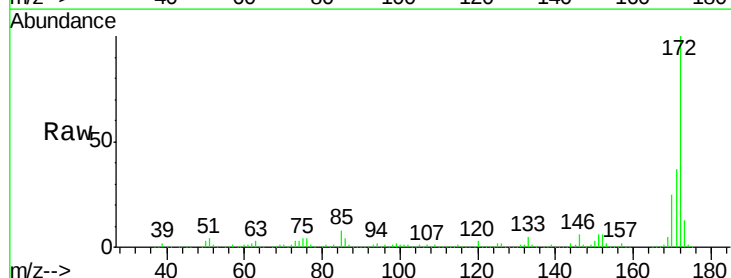
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.8	77.0	115.6
141	38.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 61.966 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103046.D
 Acq: 16 Feb 2018 12:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.7	19.6	29.4

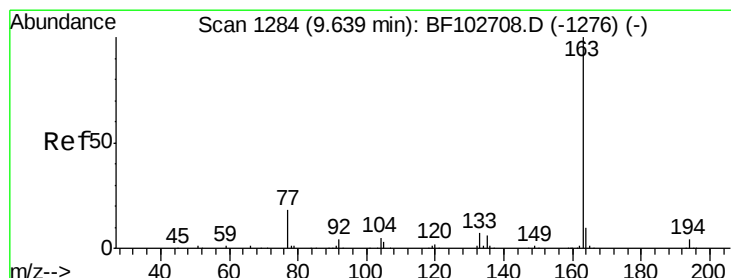
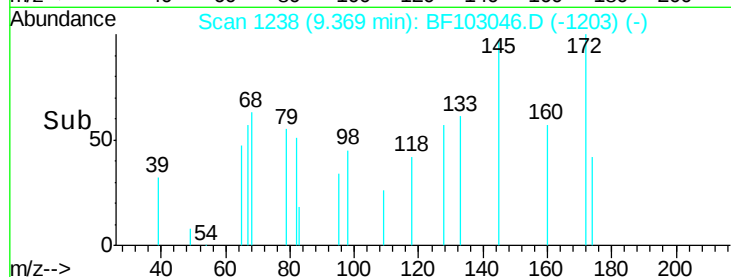
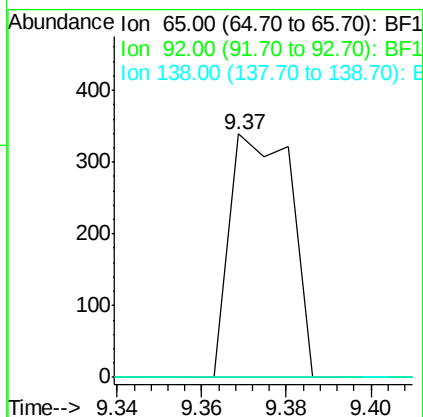
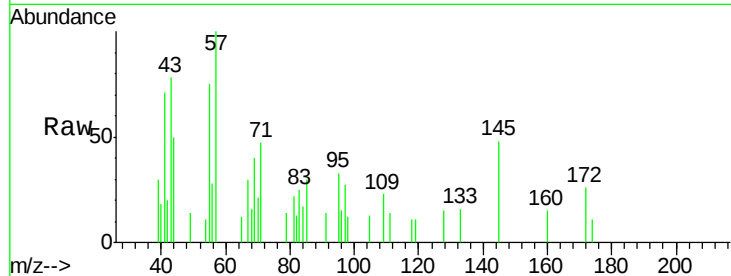




#47
2-Nitroaniline
Concen: 3.520 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.09 min
Lab File: BF103046.D
Acq: 16 Feb 2018 12:32

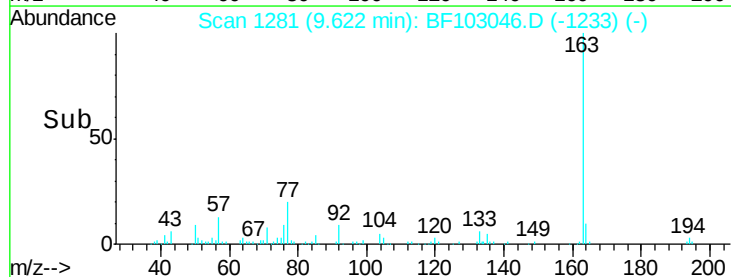
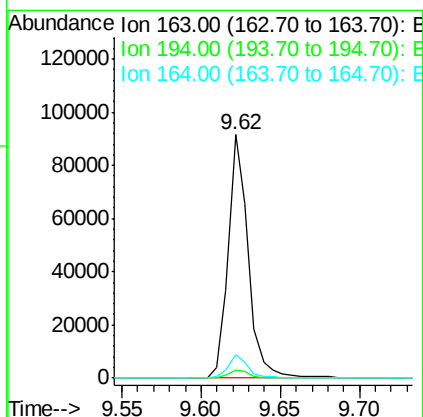
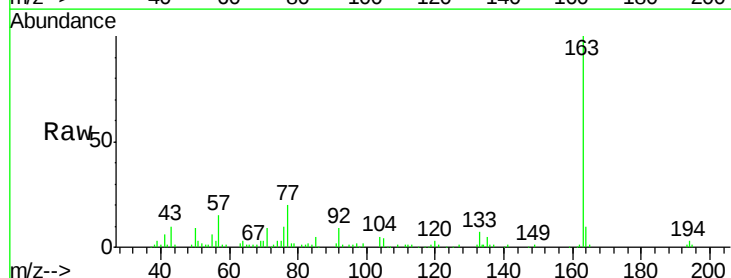
Instrument :
BNA_F
ClientSampleId :

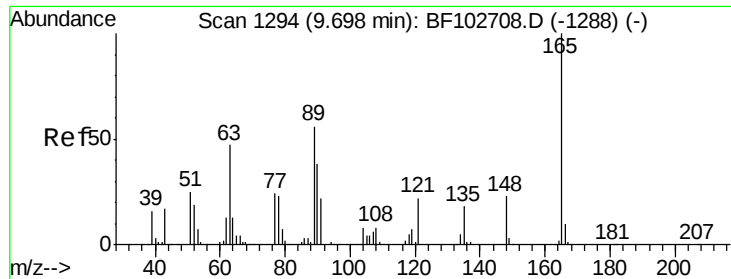
Tot Ion: 65 Resp: 342
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 3.194 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103046.D
Acq: 16 Feb 2018 12:32

Tgt Ion: 163 Resp: 79991
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.5 8.2 12.2

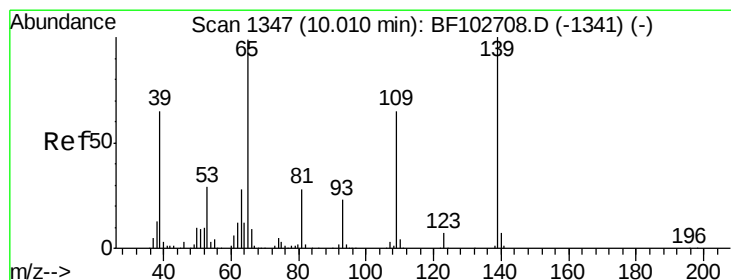
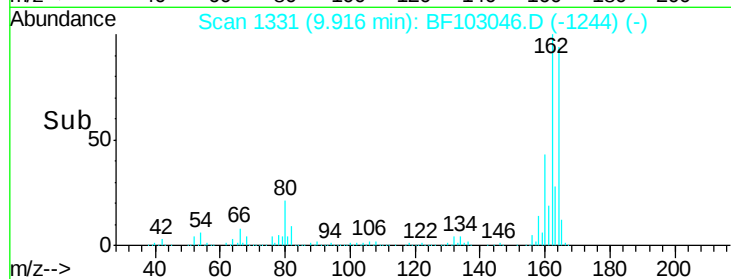
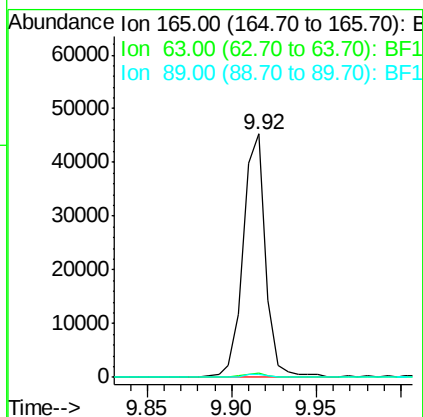
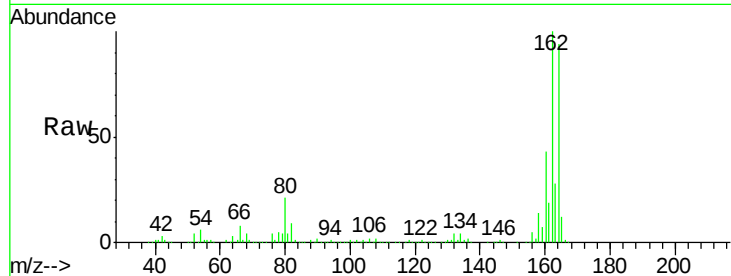




#50
 2,6-Dinitrotoluene
 Concen: 8.816 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF103046.D
 Acq: 16 Feb 2018 12:32

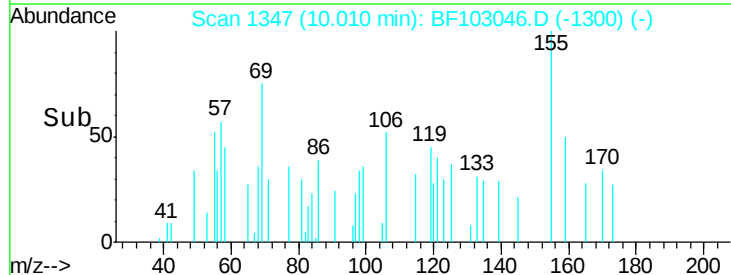
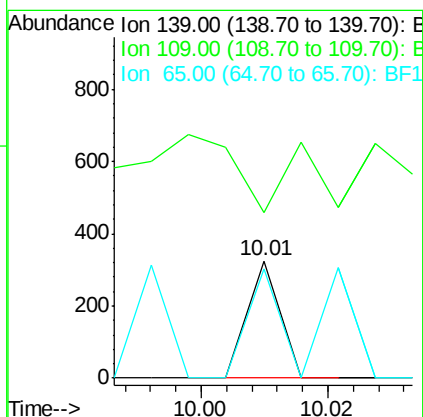
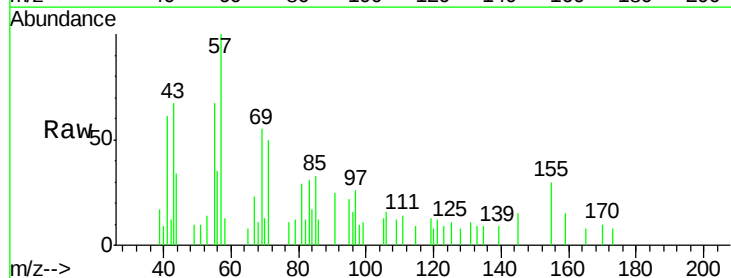
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.4	44.0	66.0#



#55
 4-Nitrophenol
 Concen: 4.046 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF103046.D
 Acq: 16 Feb 2018 12:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	141.7	48.4	88.4#
65	92.9	72.6	112.6

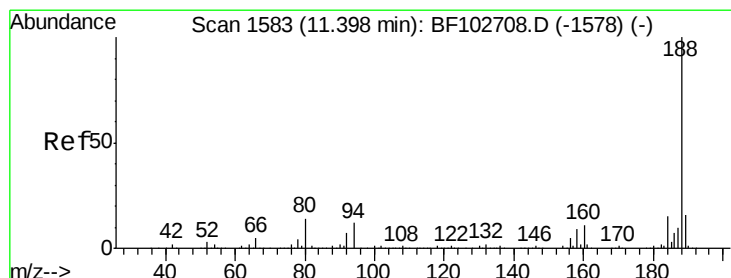
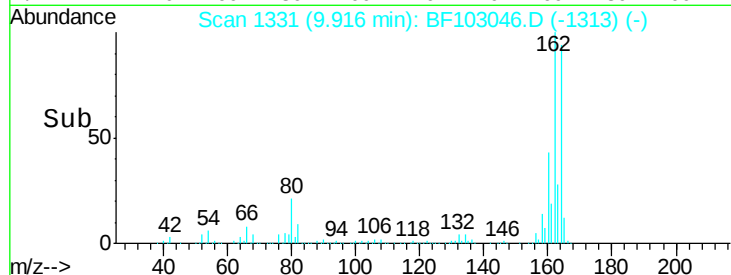
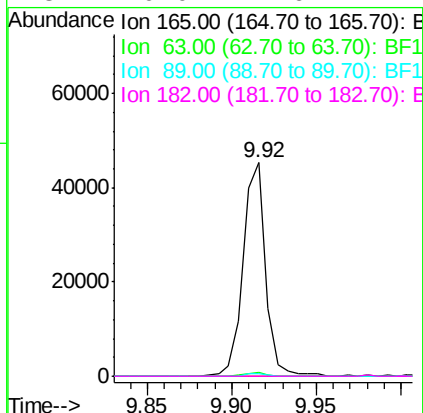
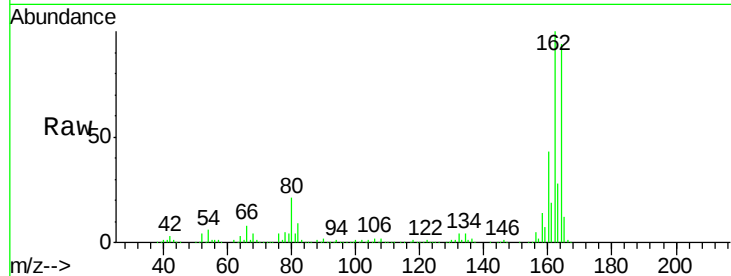




#56
 2,4-Dinitrotoluene
 Concen: 9.228 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF103046.D
 Acq: 16 Feb 2018 12:32

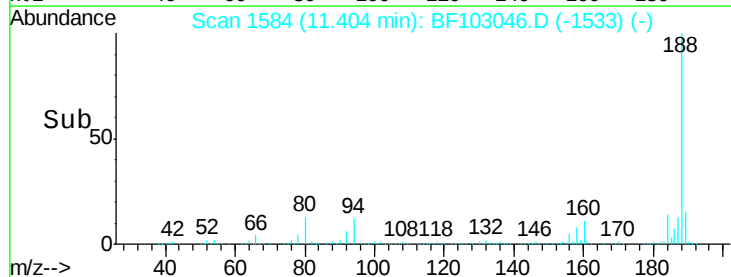
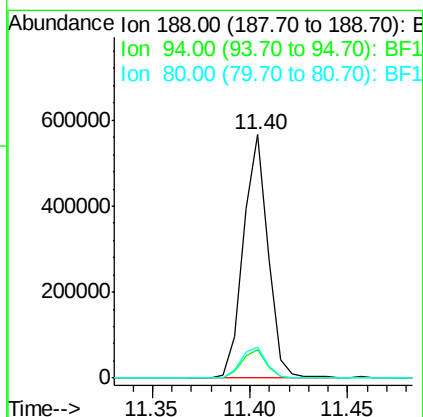
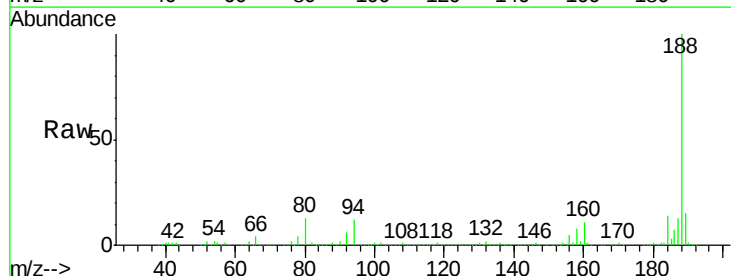
Instrument :
 BNA_F
 ClientSampleId :

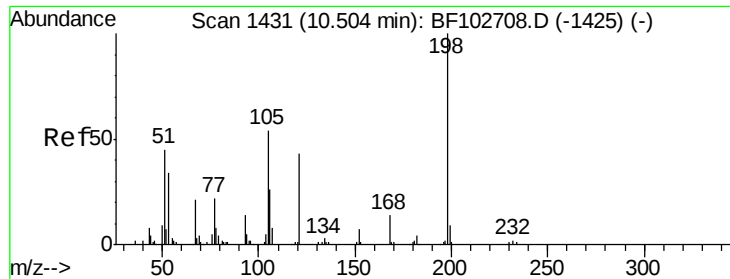
Tot Ion:165 Resp: 42000
 Ion Ratio Lower Upper
 165 100
 63 1.7 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF103046.D
 Acq: 16 Feb 2018 12:32

Tgt Ion:188 Resp: 494940
 Ion Ratio Lower Upper
 188 100
 94 11.7 8.5 12.7
 80 12.7 9.2 13.8

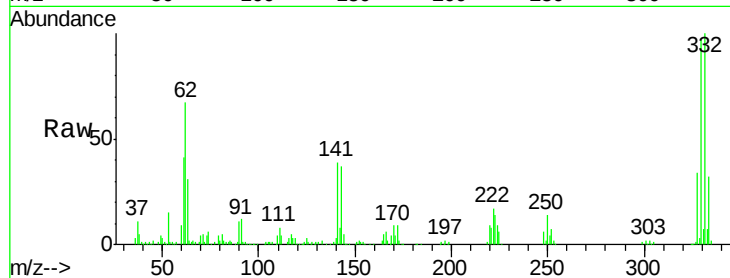




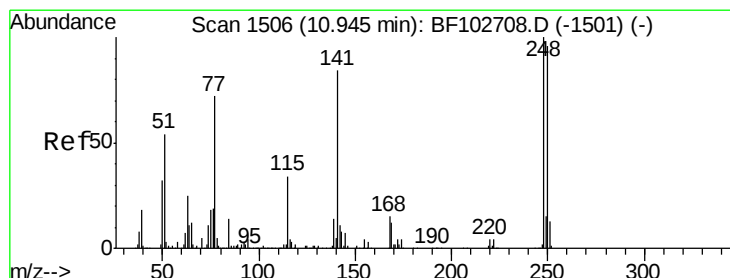
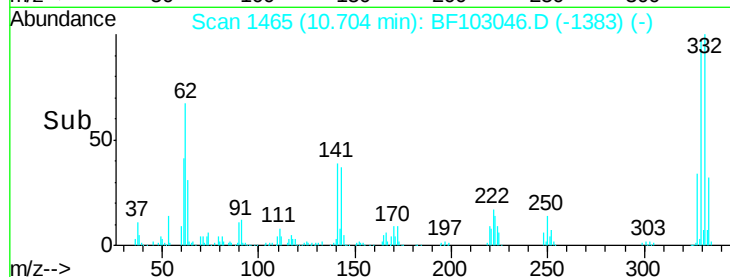
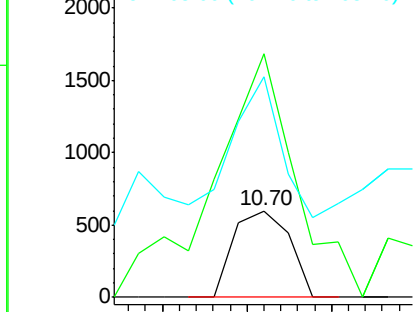
#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.038 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.18 min
 Lab File: BF103046.D
 Acq: 16 Feb 2018 12:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 548
 Ion Ratio Lower Upper
 198 100
 51 281.1 37.7 77.7#
 105 255.1 36.3 76.3#

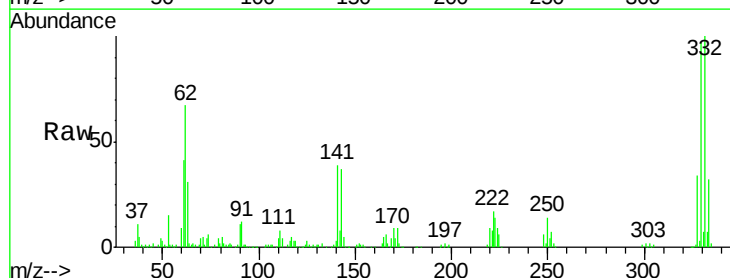


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

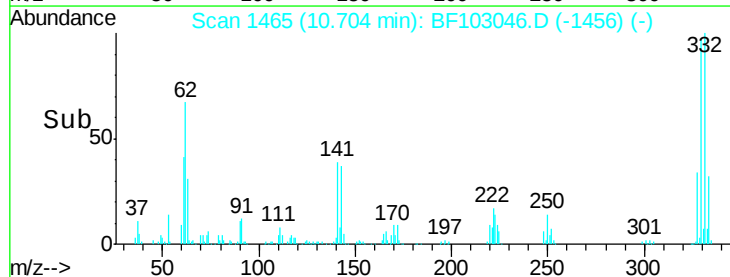
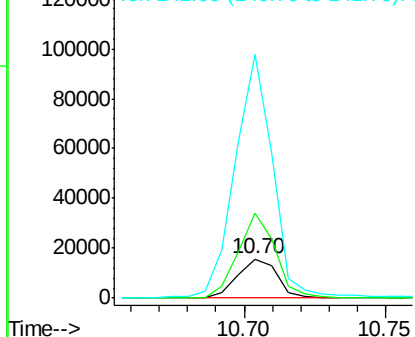


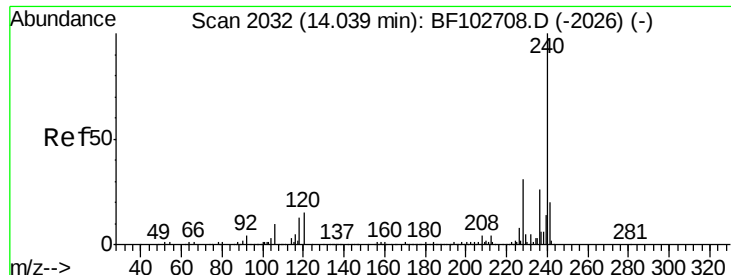
#66
 4-Bromophenyl-phenylether
 Concen: 2.907 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF103046.D
 Acq: 16 Feb 2018 12:32

Tgt Ion:248 Resp: 15218
 Ion Ratio Lower Upper
 248 100
 250 219.4 76.9 115.3#
 141 626.4 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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103046.D

Acq: 16 Feb 2018 12:32

Instrument :

BNA_F

ClientSampleId :

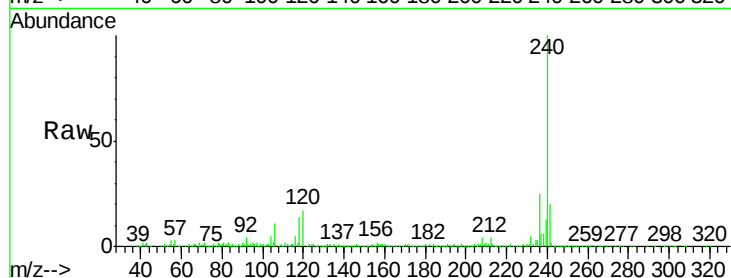
Tot Ion:240 Resp: 346482

Ion Ratio Lower Upper

240 100

120 16.7 9.5 14.3#

236 25.3 20.7 31.1

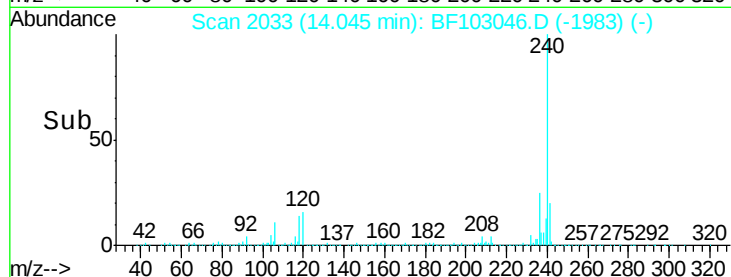


Abundance Ion 240.00 (239.70 to 240.70): E

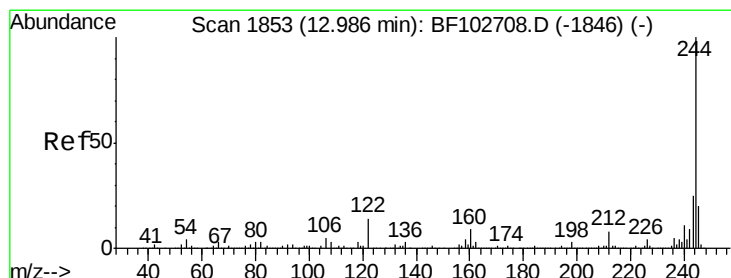
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.04



Time-->



#78

Terphenyl-d14

Concen: 60.142 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103046.D

Acq: 16 Feb 2018 12:32

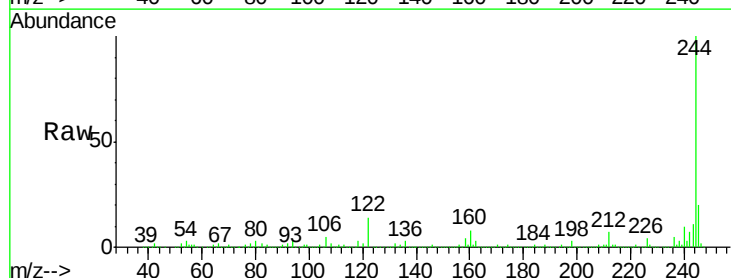
Tgt Ion:244 Resp: 880065

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 14.5 11.0 16.4

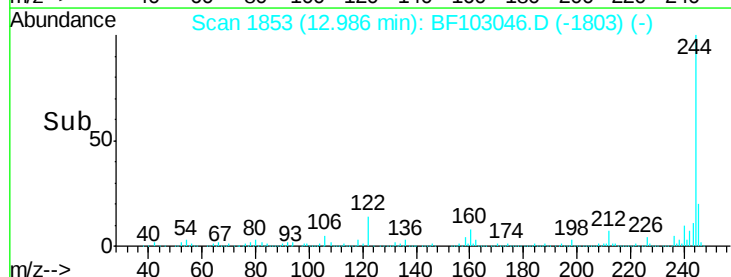


Abundance Ion 244.00 (243.70 to 244.70): E

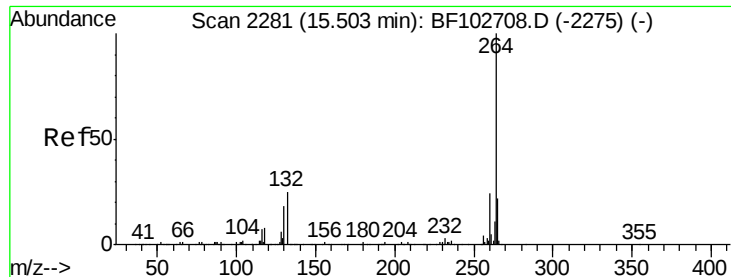
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.99



Time-->



#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF103046.D
Acq: 16 Feb 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 307118
Ion Ratio Lower Upper
264 100
260 25.4 19.2 28.8
265 21.8 17.5 26.3

