

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103869.D
 Acq On : 23 Mar 2018 10:22
 Operator : JU/SJ
 Sample : PB107555BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 13:28:03 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	145626	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	599838	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	286004	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	536051	20.00	ng	0.00
75) Chrysene-d12	14.16	240	512271	20.00	ng	0.00
86) Perylene-d12	15.70	264	488700	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1037921	108.41	ng	0.01
7) Phenol-d6	6.60	99	1261951	107.73	ng	0.00
23) Nitrobenzene-d5	7.53	82	782758	91.00	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	346012	140.71	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1399915	78.08	ng	0.00
78) Terphenyl-d14	13.10	244	1581829	71.67	ng	0.00

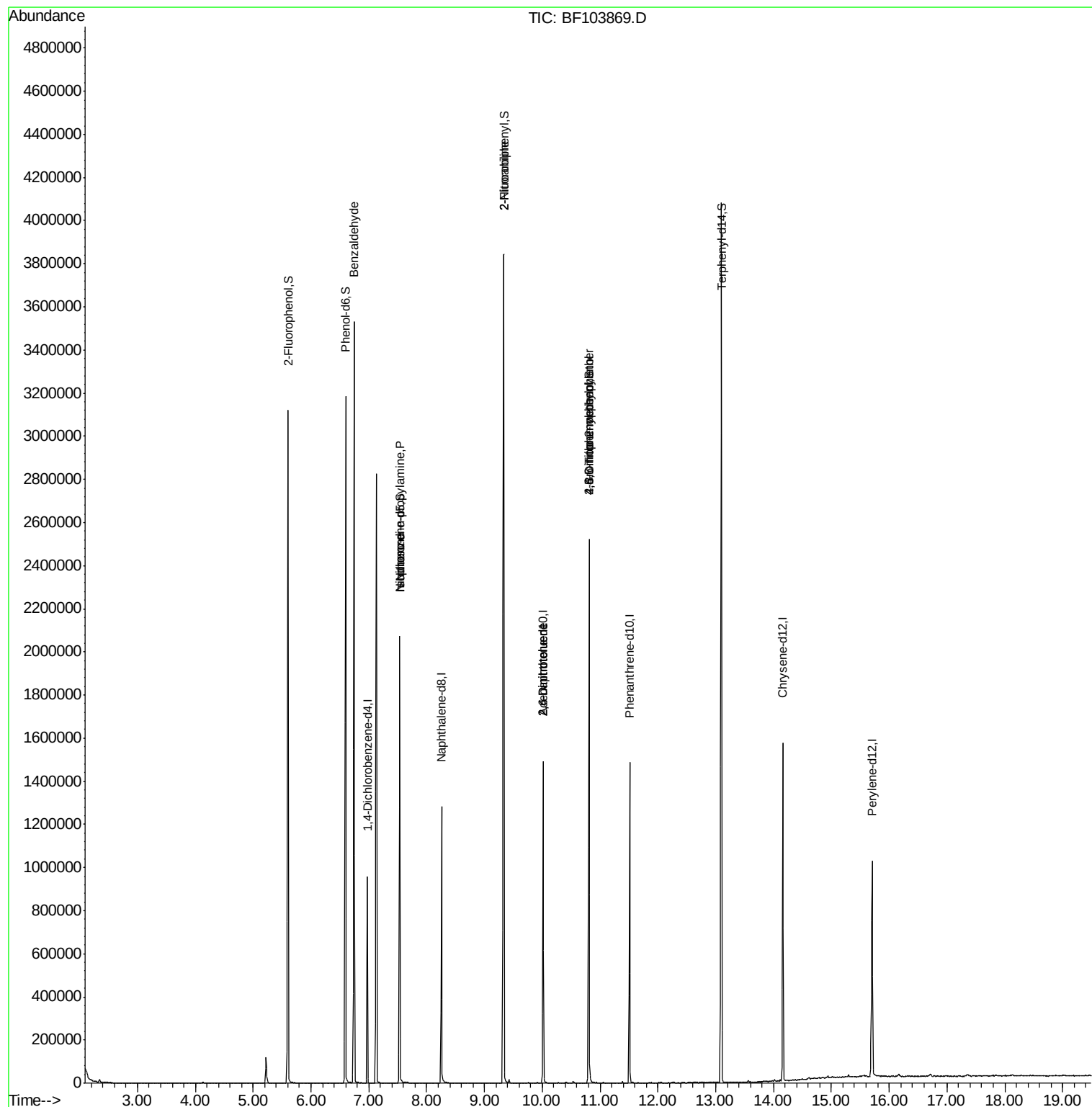
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	21641	2.812	ng	85
19) n-Nitroso-di-n-propylamine	7.53	70	101614	13.536	ng	# 72
25) Isophorone	7.53	82	782750	39.310	ng	# 64
47) 2-Nitroaniline	9.33	65	2220	7.199	ng	# 1
50) 2,6-Dinitrotoluene	10.02	165	36308	11.871	ng	# 26
56) 2,4-Dinitrotoluene	10.02	165	36308	12.124	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	642	8.475	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	20342	3.696	ng	# 1

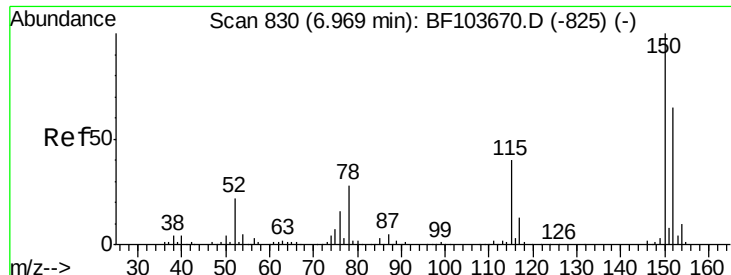
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
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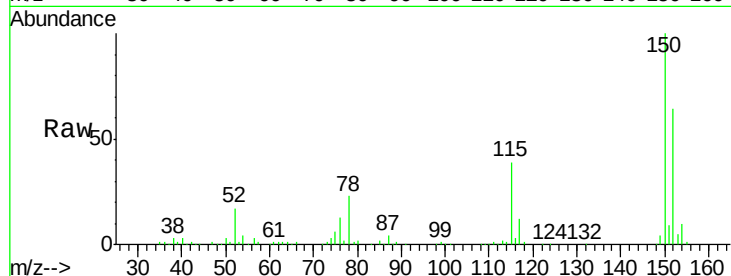


#1

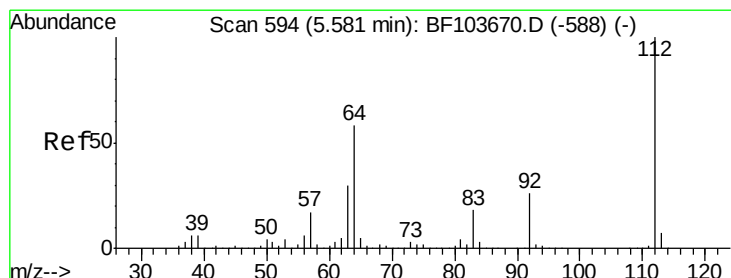
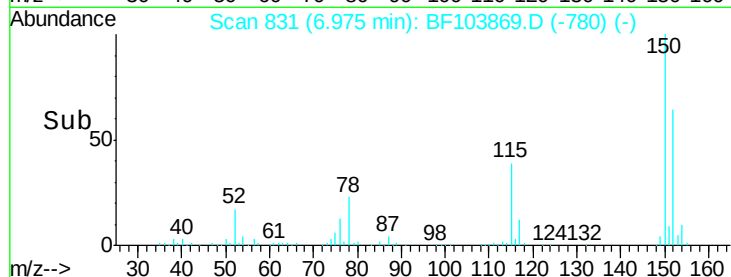
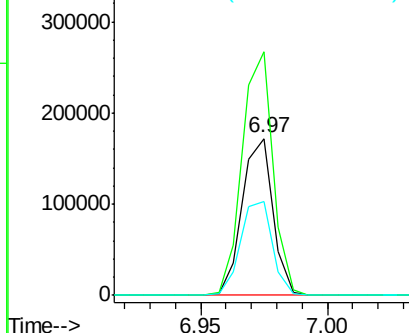
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103869.D
Acq: 23 Mar 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145626
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 59.8 50.1 75.1



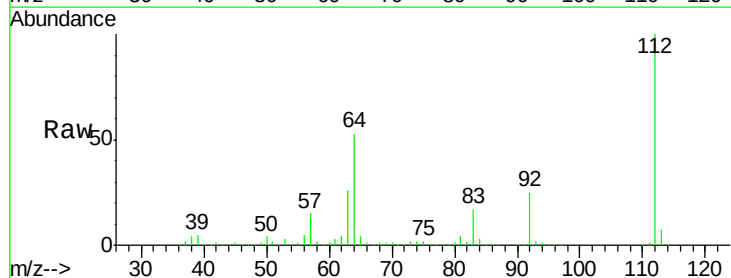
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



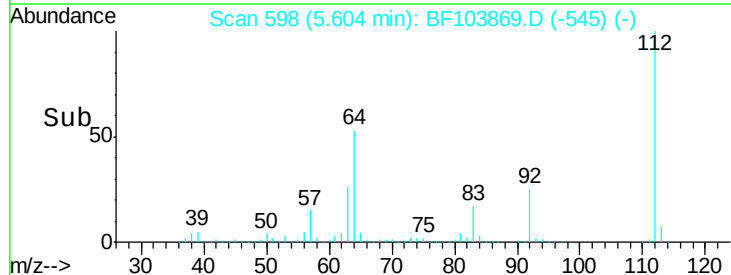
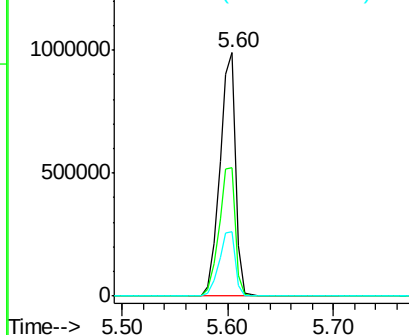
#5

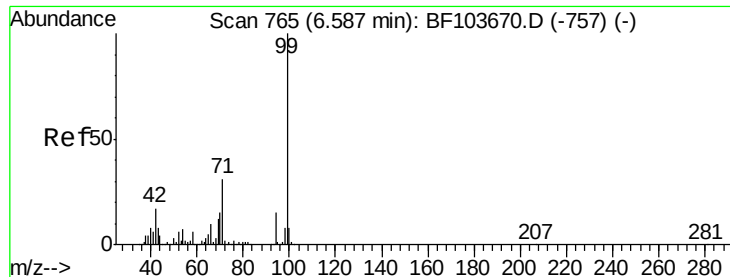
2-Fluorophenol
Concen: 108.406 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103869.D
Acq: 23 Mar 2018 10:22

Tgt Ion:112 Resp: 1037921
Ion Ratio Lower Upper
112 100
64 52.6 47.9 71.9
63 26.5 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: 107.734 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103869.D

Acq: 23 Mar 2018 10:22

Instrument :

BNA_F

ClientSampleId :

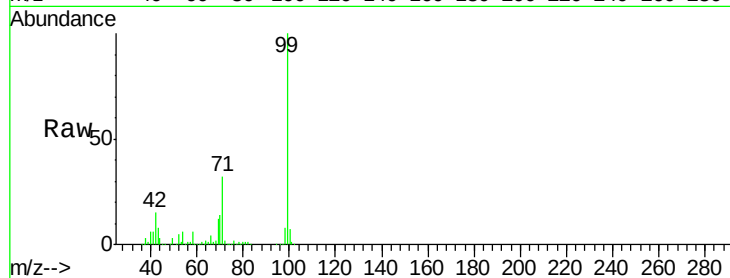
Tot Ion: 99 Resp: 1261951

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

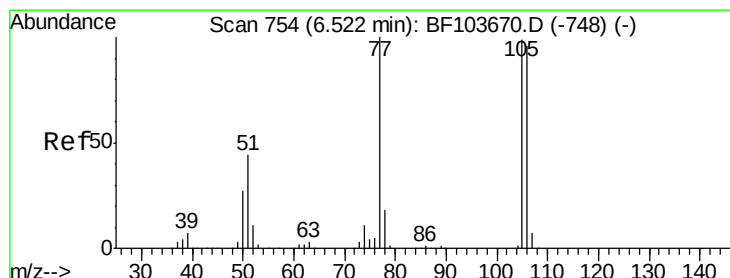
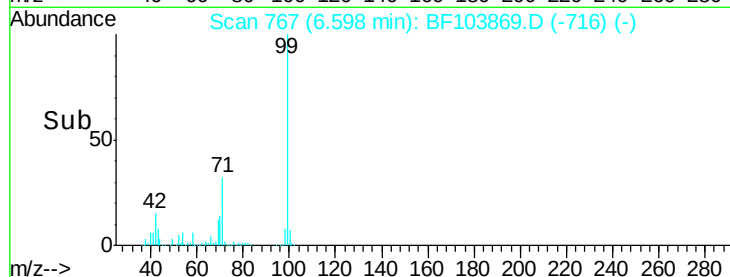
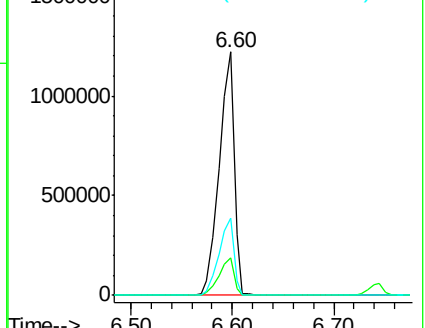
71 31.8 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.812 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.22 min

Lab File: BF103869.D

Acq: 23 Mar 2018 10:22

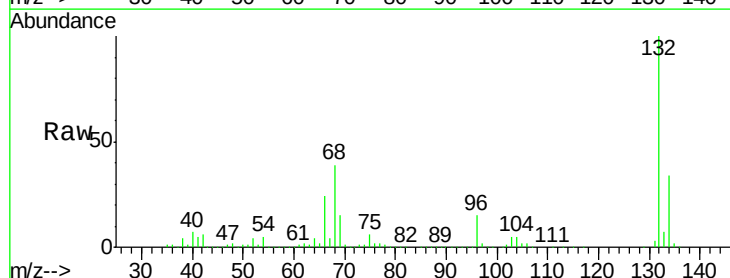
Tgt Ion: 77 Resp: 21641

Ion Ratio Lower Upper

77 100

105 85.7 81.1 121.1

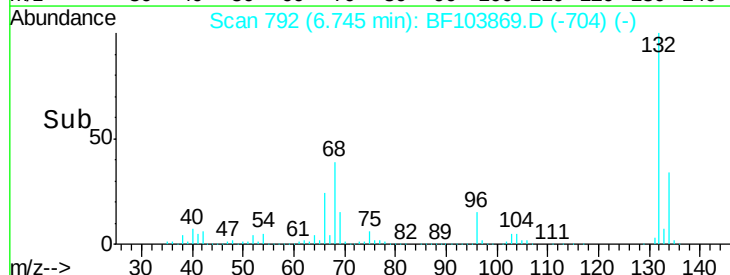
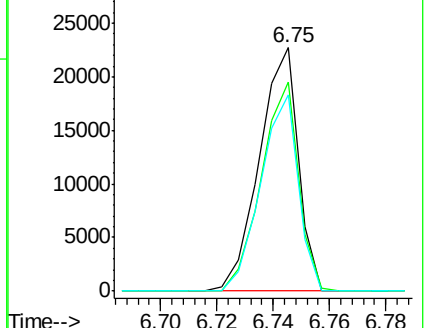
106 80.8 74.5 114.5

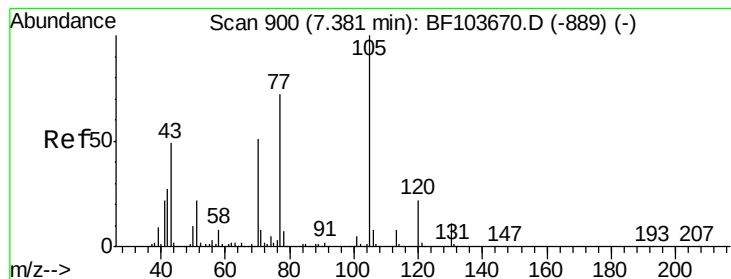


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 13.536 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF103869.D

Acq: 23 Mar 2018 10:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 101614

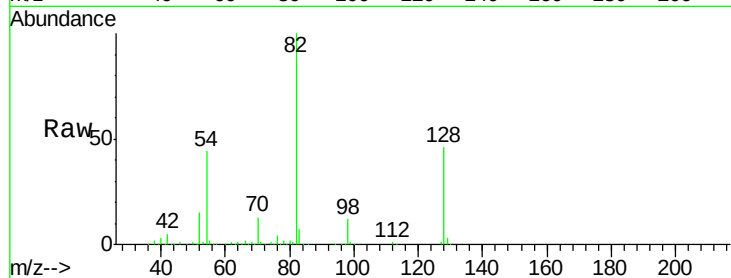
Ion Ratio Lower Upper

70 100

42 40.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

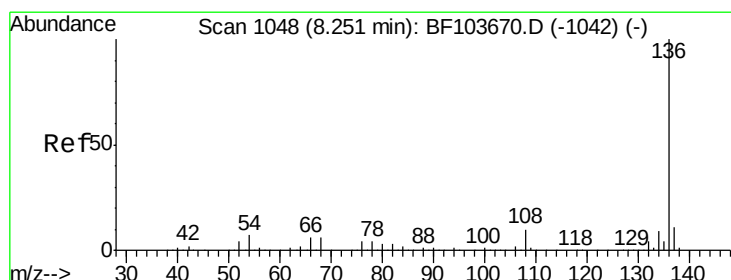
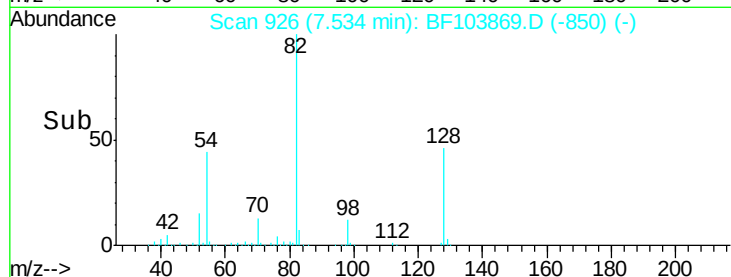
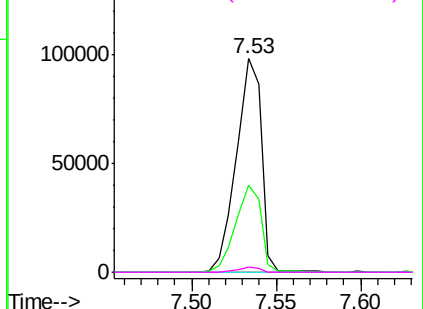


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103869.D

Acq: 23 Mar 2018 10:22

Tgt Ion: 136 Resp: 599838

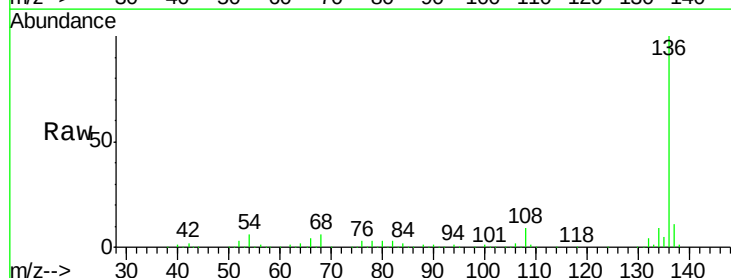
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.4 6.6 9.8#

68 5.7 5.0 7.4

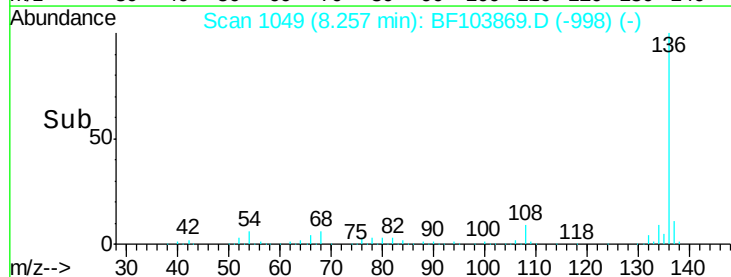
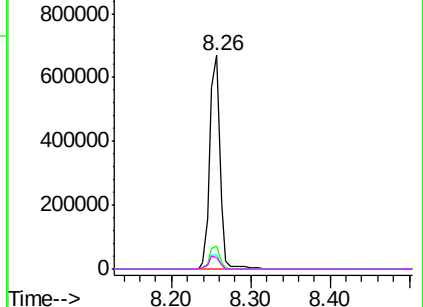


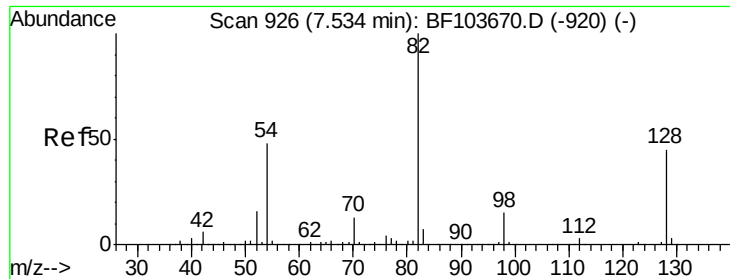
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

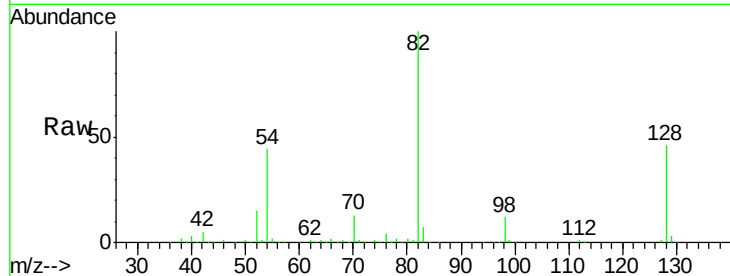




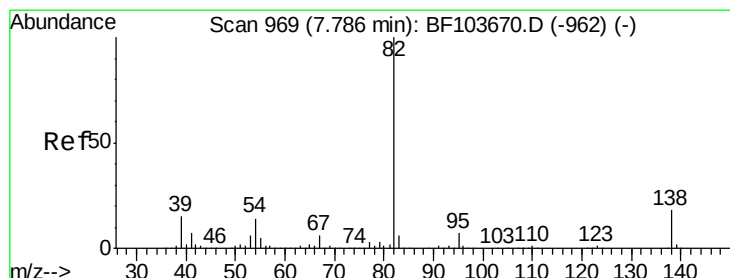
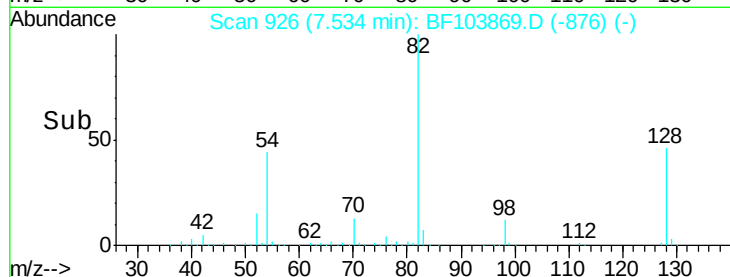
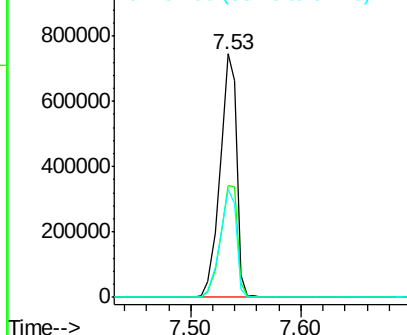
#23
Nitrobenzene-d5
Concen: 91.002 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103869.D
Acq: 23 Mar 2018 10:22

Instrument :
BNA_F
ClientSampleID :

Tot Ion	82	Resp	782758
Ion Ratio	100	Lower	Upper
128	45.8	36.1	54.1
54	44.3	41.4	62.2

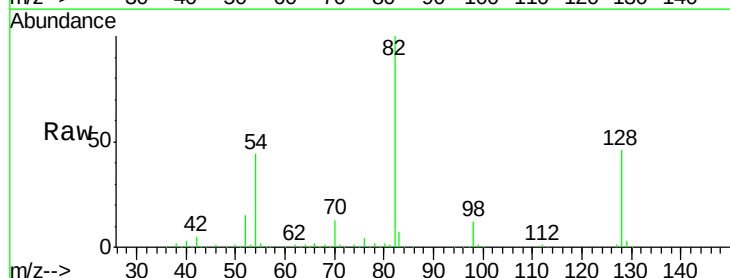


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

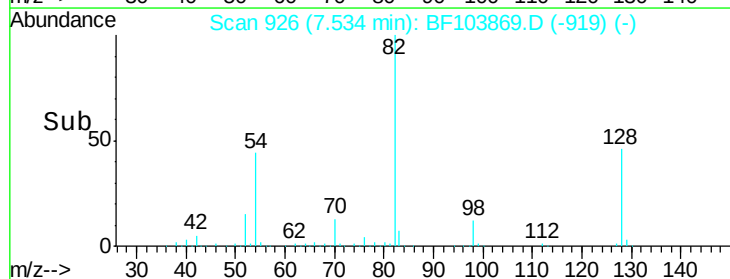
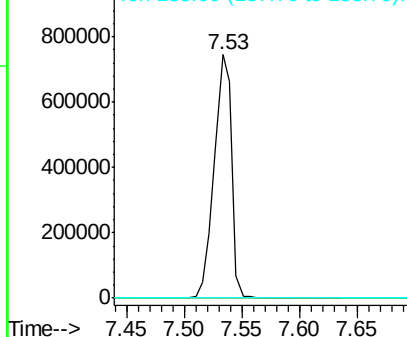


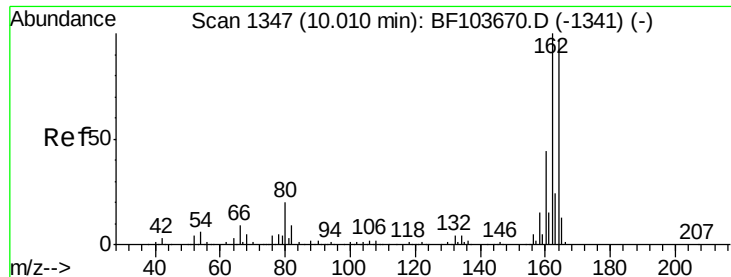
#25
Isophorone
Concen: 39.310 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF103869.D
Acq: 23 Mar 2018 10:22

Tgt Ion	82	Resp	782750
Ion Ratio	100	Lower	Upper
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

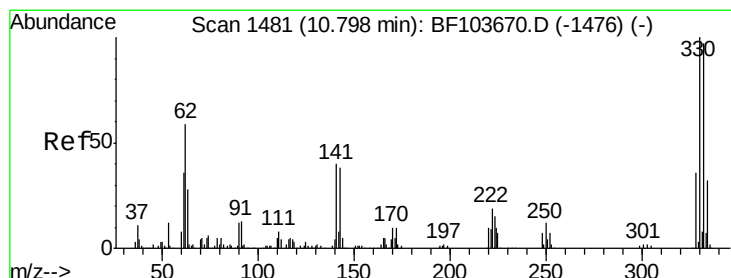
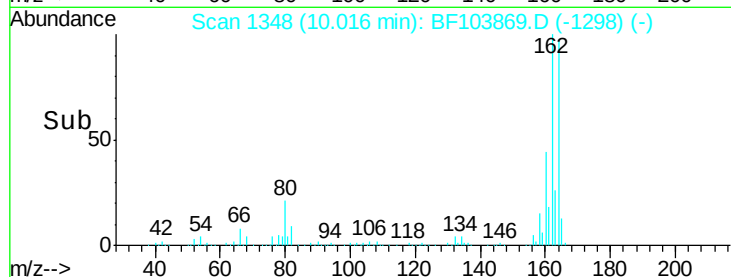
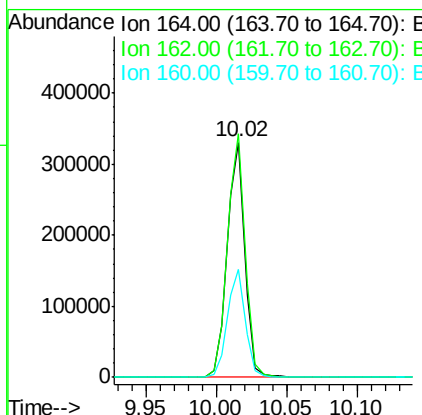
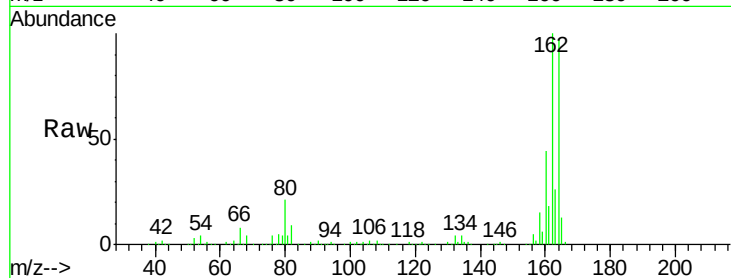




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103869.D
Acq: 23 Mar 2018 10:22

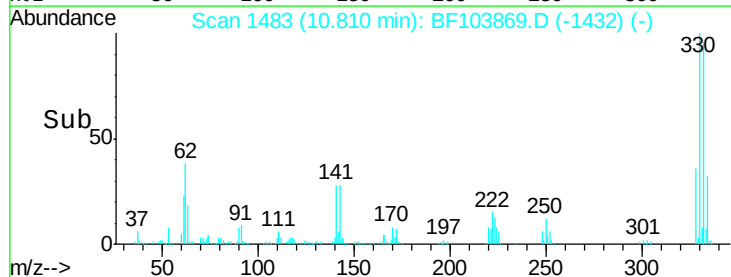
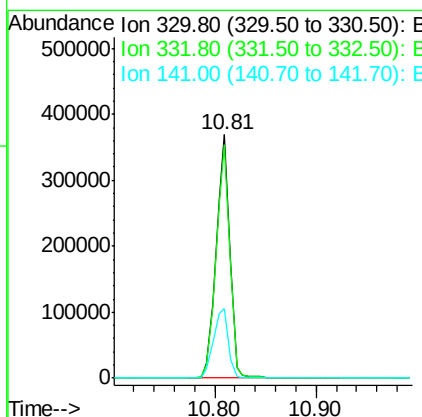
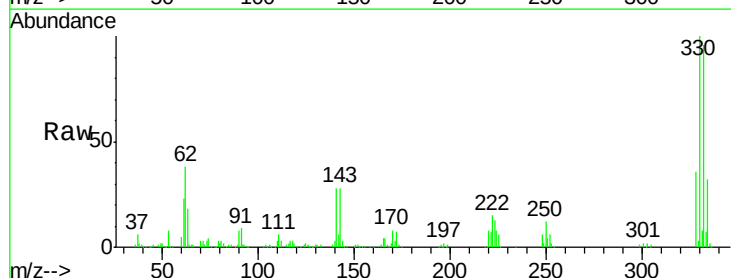
Instrument :
BNA_F
ClientSampleId :

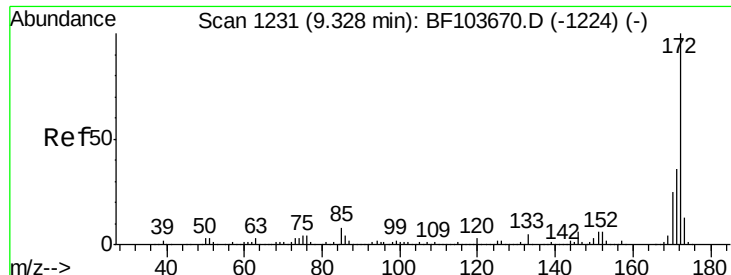
Tot Ion:164 Resp: 286004
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 46.0 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 140.708 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF103869.D
Acq: 23 Mar 2018 10:22

Tgt Ion:330 Resp: 346012
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 31.2 29.9 44.9

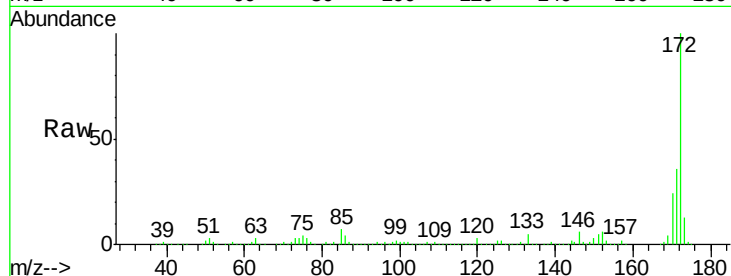




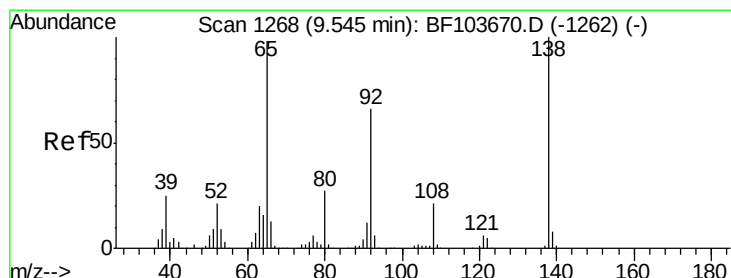
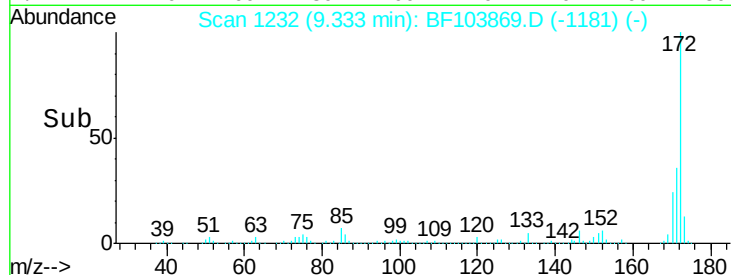
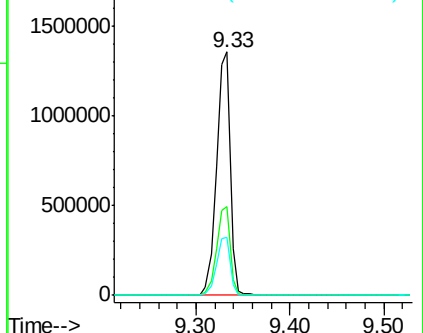
#44
2-Fluorobiphenyl
Concen: 78.078 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103869.D
Acq: 23 Mar 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1399915
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.1 19.6 29.4

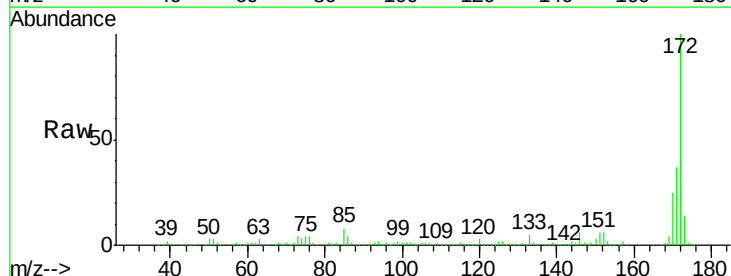


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

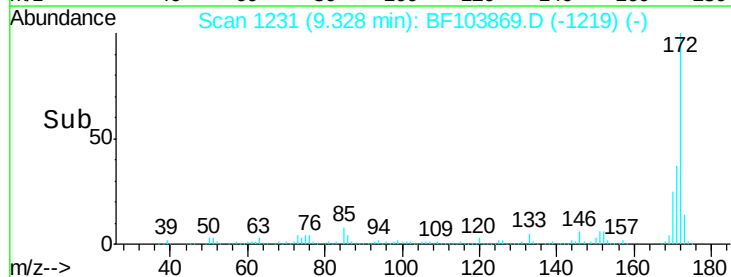
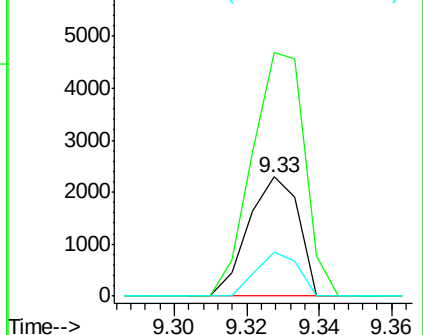


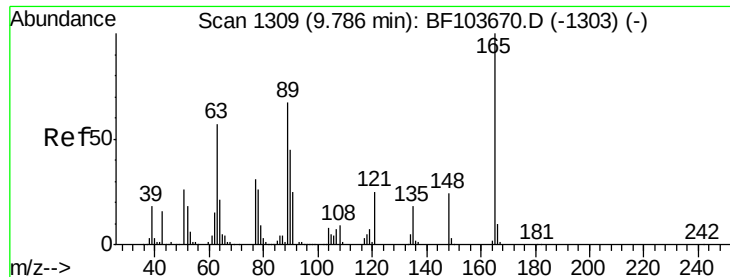
#47
2-Nitroaniline
Concen: 7.199 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.23 min
Lab File: BF103869.D
Acq: 23 Mar 2018 10:22

Tgt Ion: 65 Resp: 2220
Ion Ratio Lower Upper
65 100
92 204.0 55.8 83.6#
138 37.2 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): E

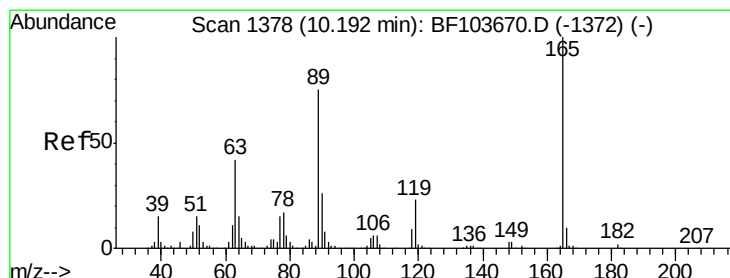
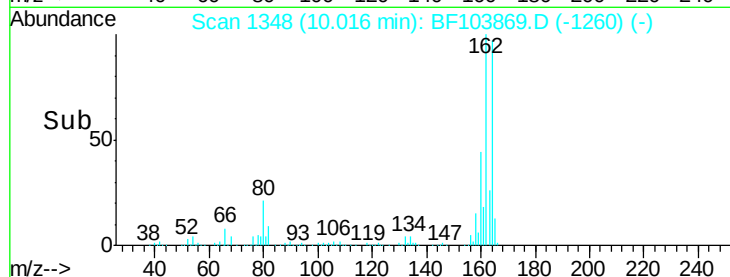
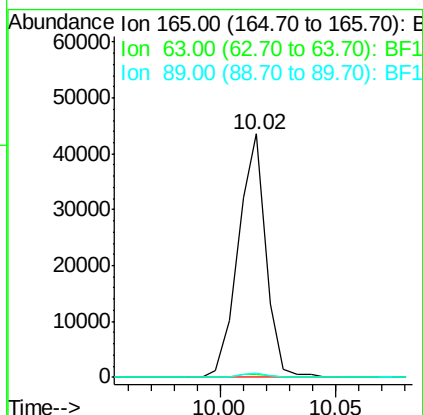
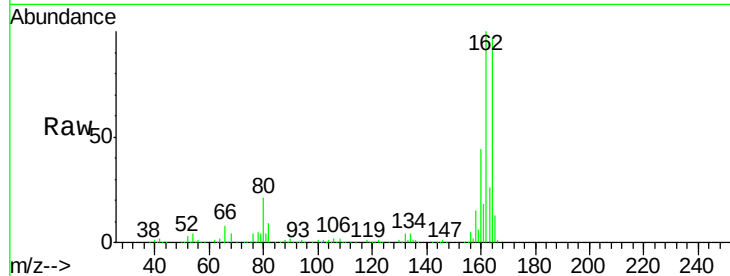




#50
2,6-Dinitrotoluene
Concen: 11.871 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.22 min
Lab File: BF103869.D
Acq: 23 Mar 2018 10:22

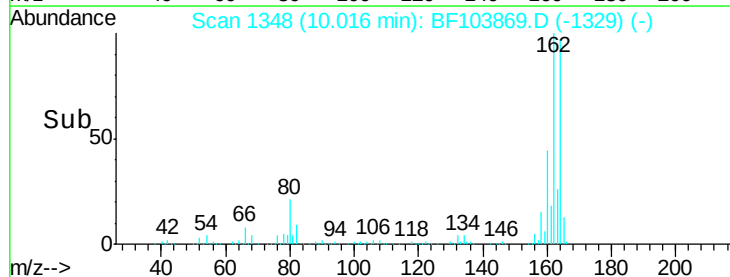
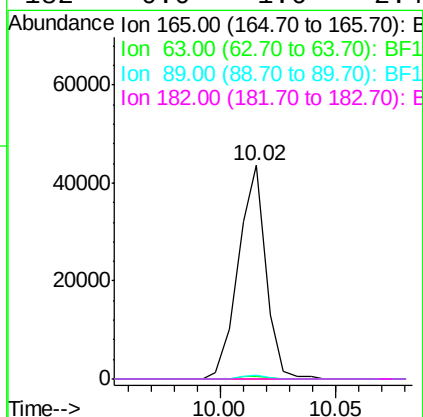
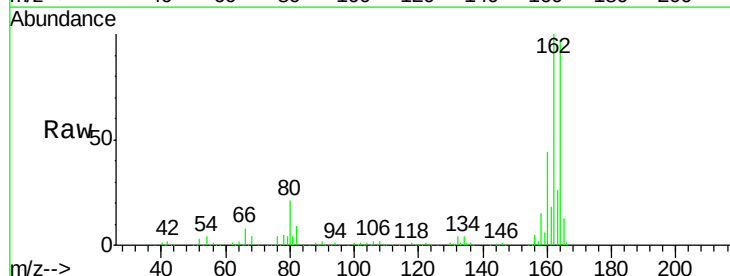
Instrument :
BNA_F
ClientSampled :

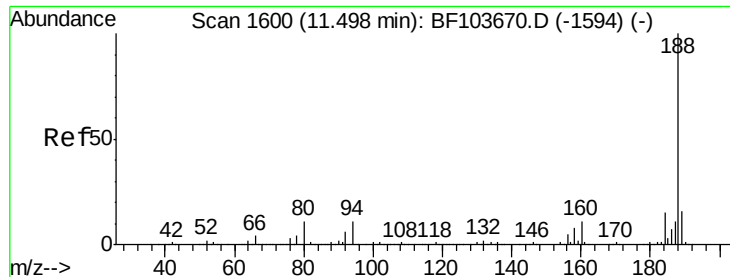
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.7	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 12.124 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF103869.D
Acq: 23 Mar 2018 10:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.7	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: BF103869.D

Acq: 23 Mar 2018 10:22

Instrument :

BNA_F

ClientSampleId :

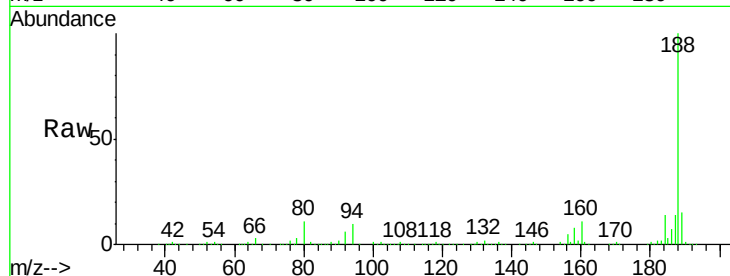
Tot Ion:188 Resp: 536051

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

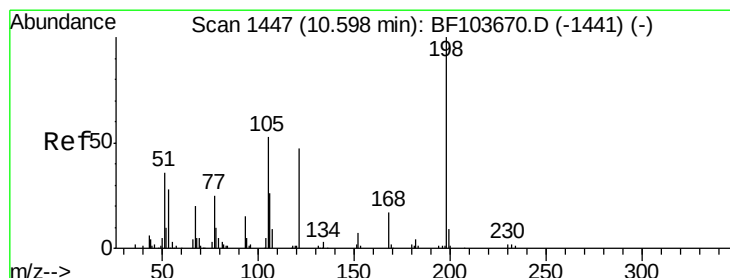
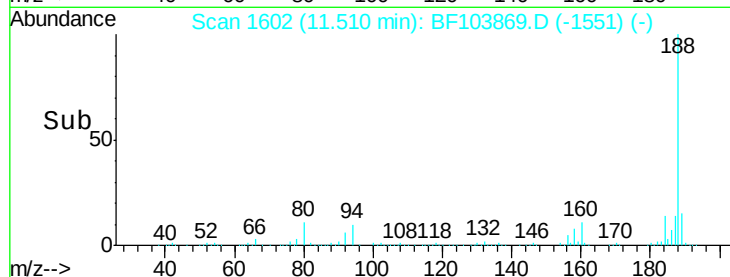
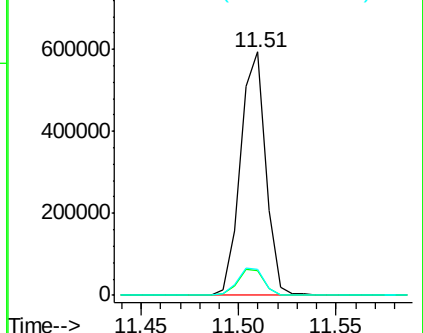
80 10.7 9.2 13.8



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: 8.475 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.19 min

Lab File: BF103869.D

Acq: 23 Mar 2018 10:22

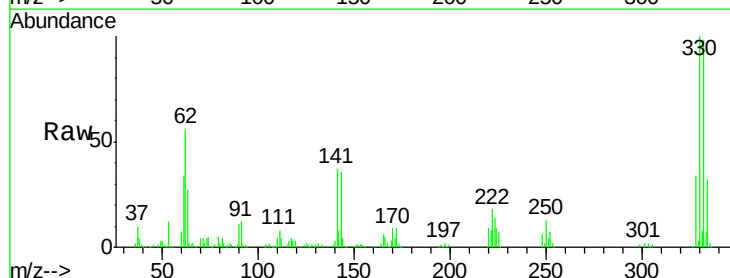
Tgt Ion:198 Resp: 642

Ion Ratio Lower Upper

198 100

51 186.1 37.7 77.7#

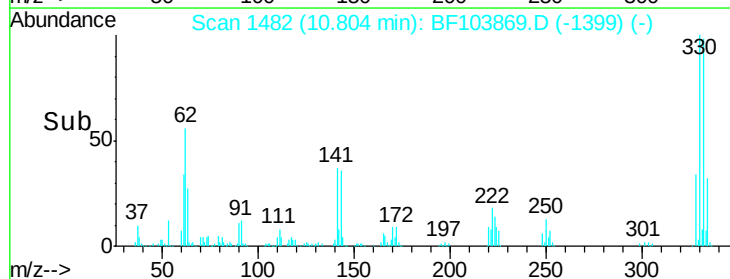
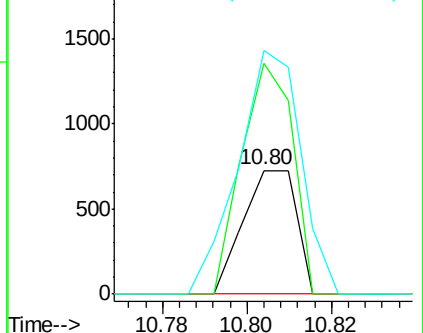
105 196.6 36.3 76.3#

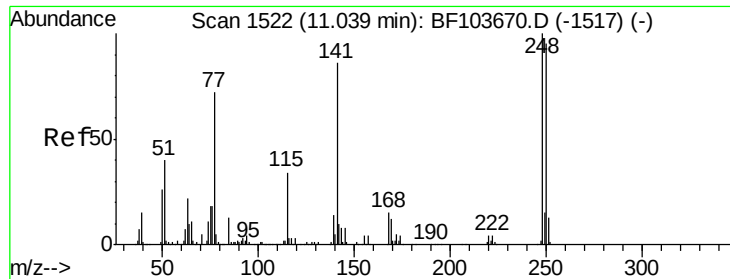


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

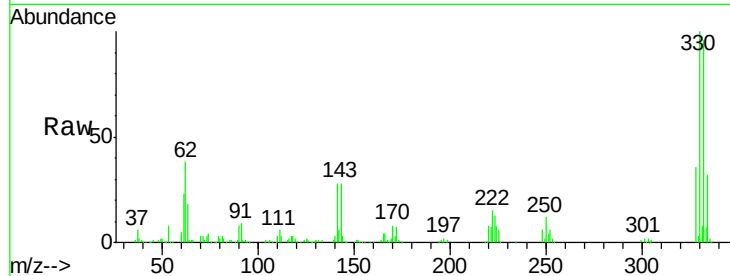




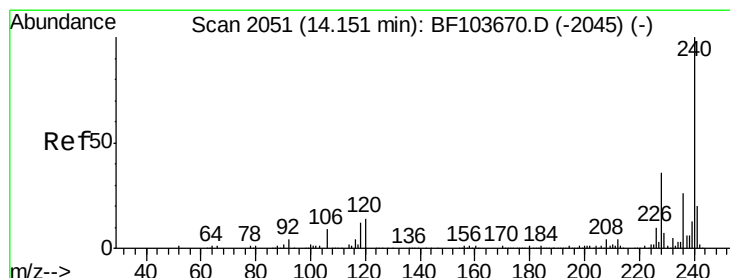
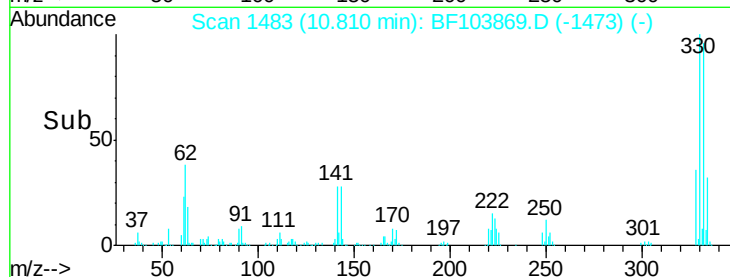
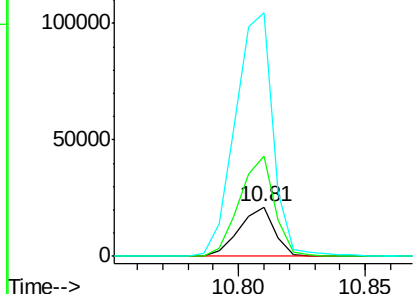
#66
4-Bromophenyl-phenylether
Concen: 3.696 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF103869.D
Acq: 23 Mar 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 20342
Ion Ratio Lower Upper
248 100
250 202.7 76.9 115.3#
141 493.3 74.4 111.6#

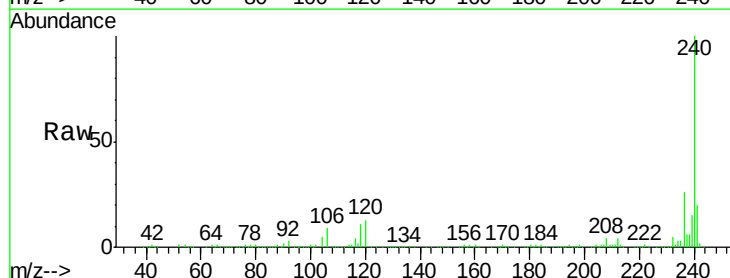


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

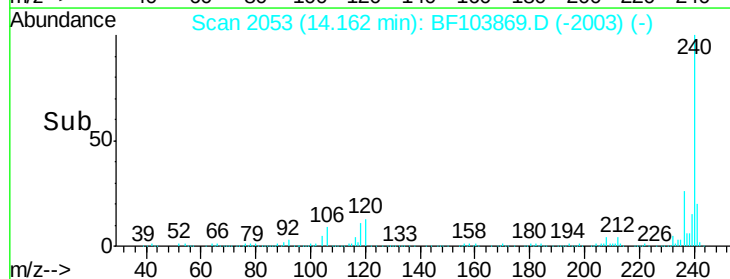
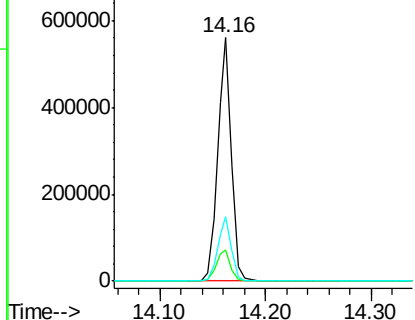


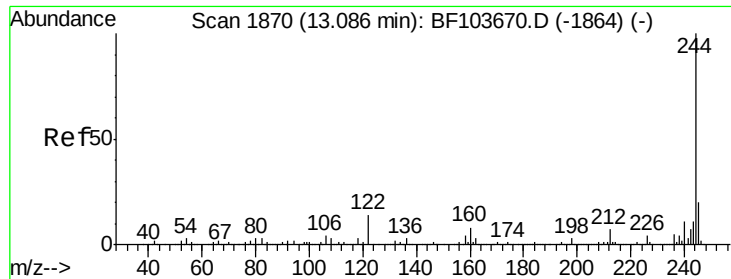
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103869.D
Acq: 23 Mar 2018 10:22

Tgt Ion:240 Resp: 512271
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 26.2 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: 71.674 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103869.D

Acq: 23 Mar 2018 10:22

Instrument :

BNA_F

ClientSampleId :

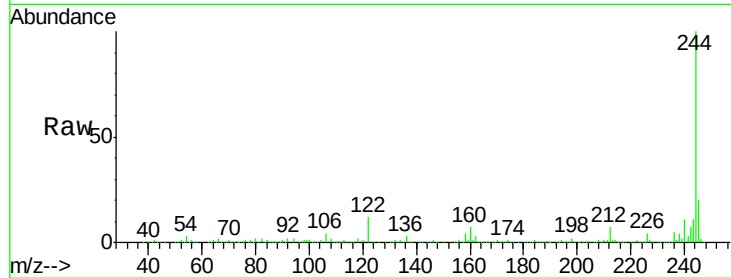
Tot Ion:244 Resp: 1581829

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

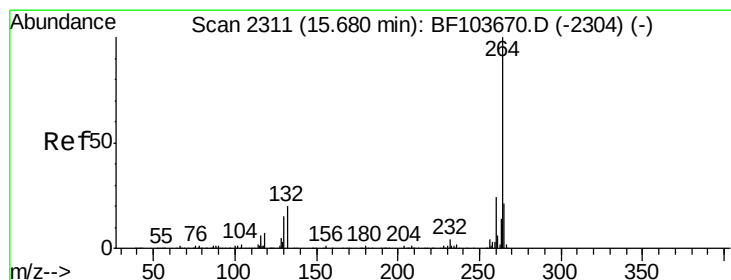
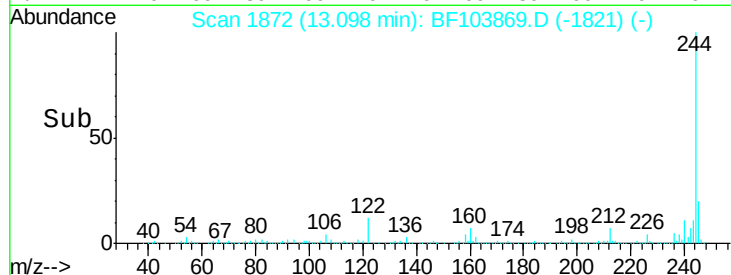
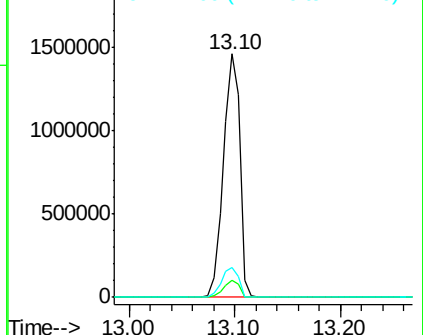
122 12.5 11.0 16.4



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: 15.70 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BF103869.D

Acq: 23 Mar 2018 10:22

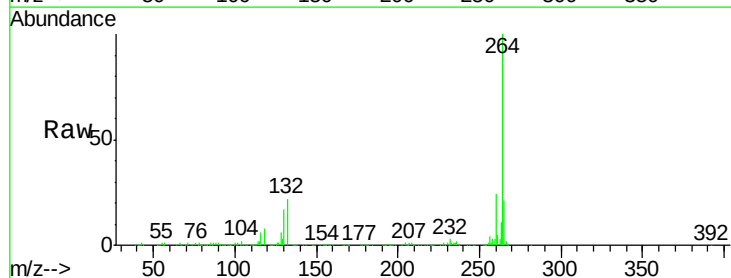
Tgt Ion:264 Resp: 488700

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.2 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

