

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104238.D
 Acq On : 4 Apr 2018 21:01
 Operator : JU/SJ
 Sample : J2199-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:01:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

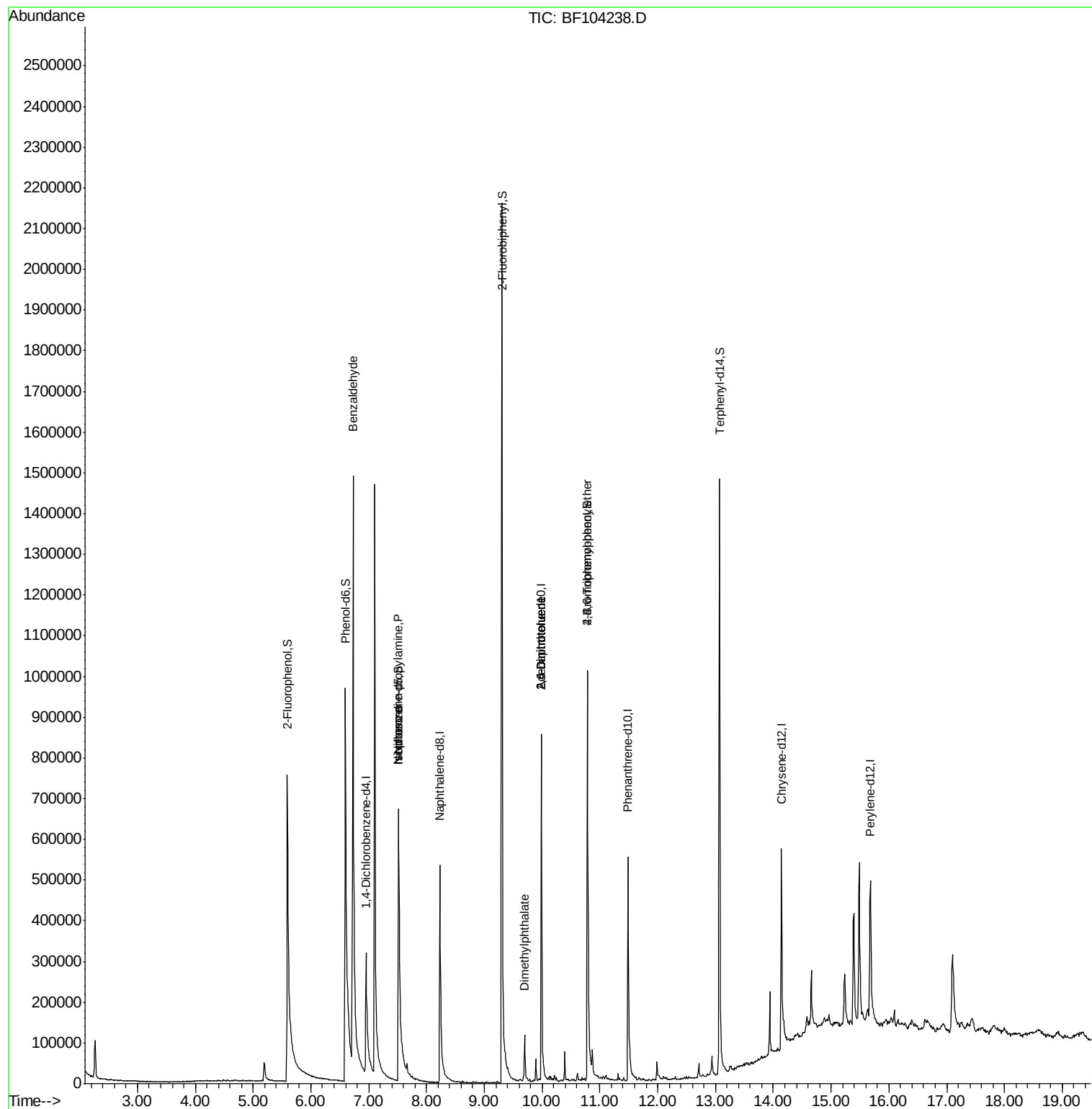
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	113590	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	486952	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	208701	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	319002	20.00	ng	0.00
75) Chrysene-d12	14.14	240	230302	20.00	ng	0.00
86) Perylene-d12	15.68	264	226379	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	653415	91.74	ng	0.00
7) Phenol-d6	6.59	99	907748	103.59	ng	-0.01
23) Nitrobenzene-d5	7.52	82	532979	66.94	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	199890	86.02	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	959108	72.47	ng	0.00
78) Terphenyl-d14	13.07	244	640796	64.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	14568	2.020	ng	82
19) n-Nitroso-di-n-propylamine	7.52	70	60545	11.642	ng	# 74
25) Isophorone	7.52	82	542372	36.961	ng	# 64
49) Dimethylphthalate	9.70	163	74377	4.514	ng	99
50) 2,6-Dinitrotoluene	9.99	165	26275	7.412	ng	# 25
56) 2,4-Dinitrotoluene	9.99	165	26747	5.913	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	11006	3.225	ng	# 1

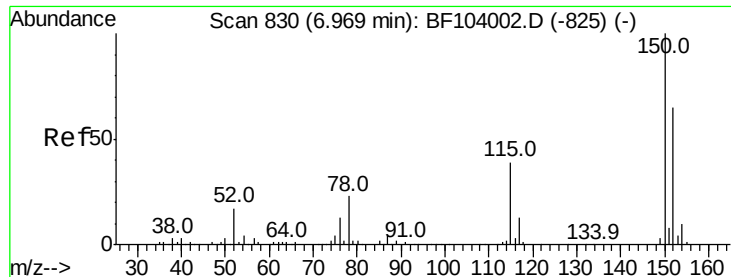
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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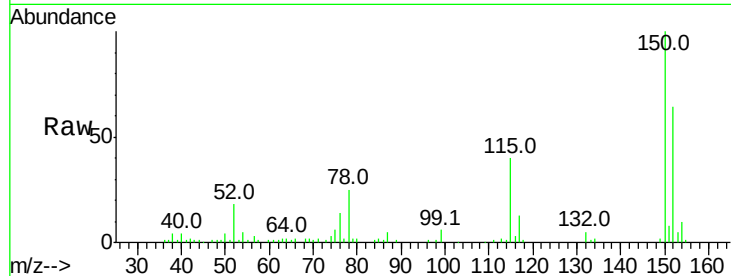


#1

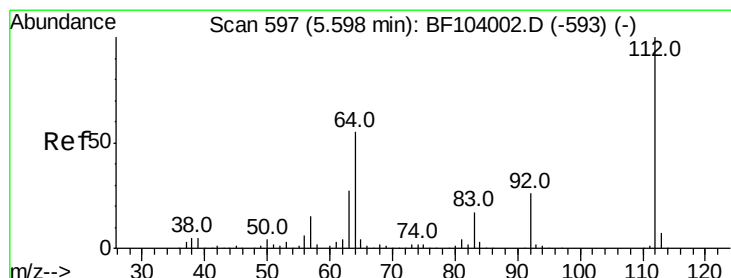
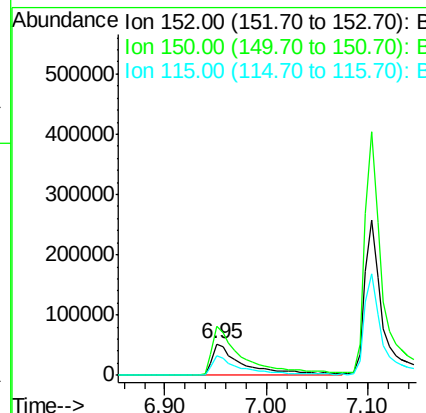
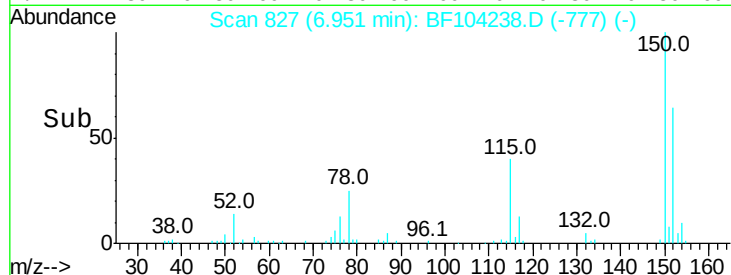
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF104238.D
 Acq: 4 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 113590
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.6 186.8
 115 62.8 50.1 75.1



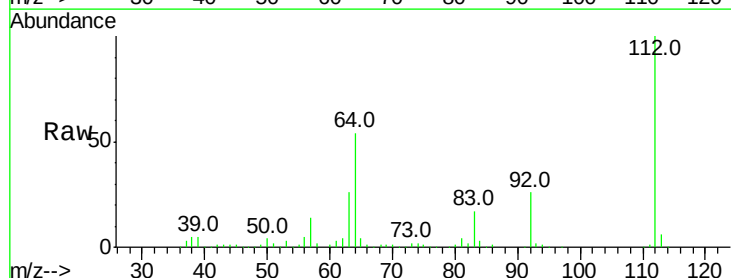
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



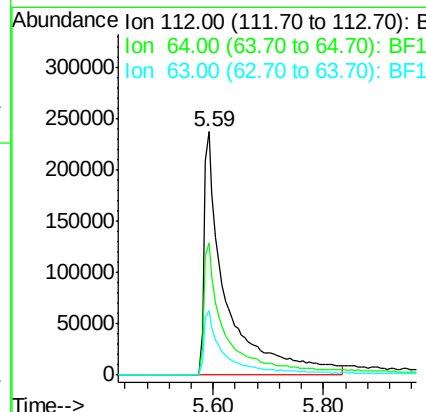
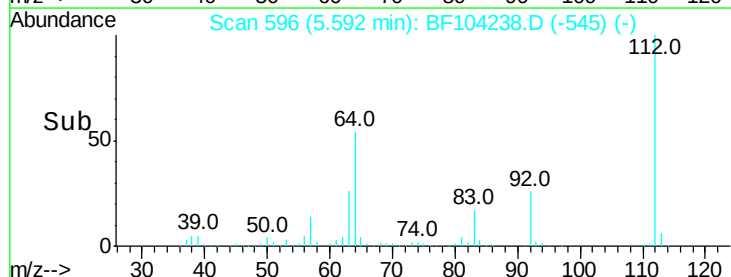
#5

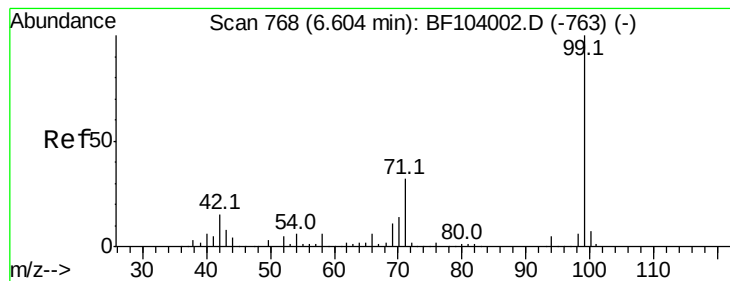
2-Fluorophenol
 Concen: 91.736 ng
 RT: 5.59 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF104238.D
 Acq: 4 Apr 2018 21:01

Tgt Ion:112 Resp: 653415
 Ion Ratio Lower Upper
 112 100
 64 54.3 47.9 71.9
 63 26.4 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: 103.587 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104238.D

Acq: 4 Apr 2018 21:01

Instrument :

BNA_F

ClientSampled :

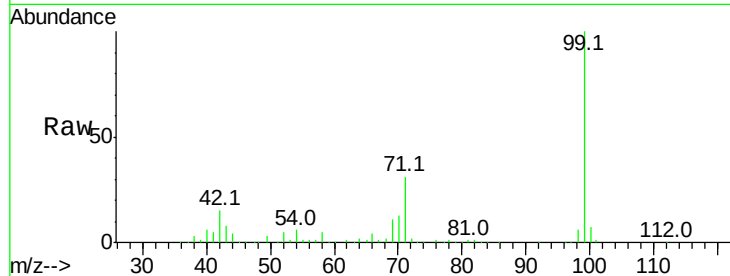
Tot Ion: 99 Resp: 907748

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

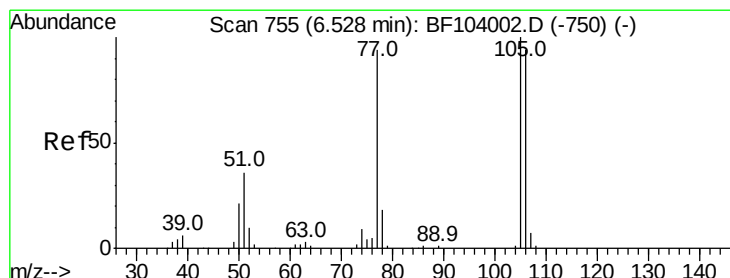
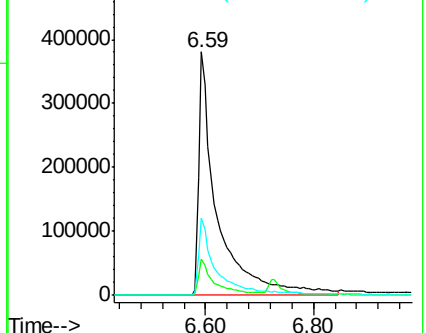
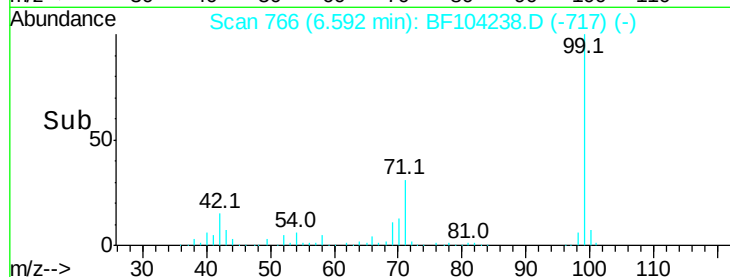
71 31.5 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.020 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.21 min

Lab File: BF104238.D

Acq: 4 Apr 2018 21:01

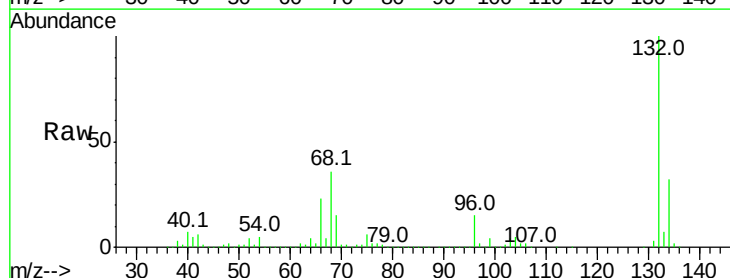
Tgt Ion: 77 Resp: 14568

Ion Ratio Lower Upper

77 100

105 84.6 81.1 121.1

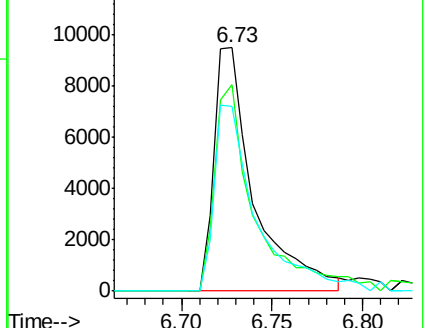
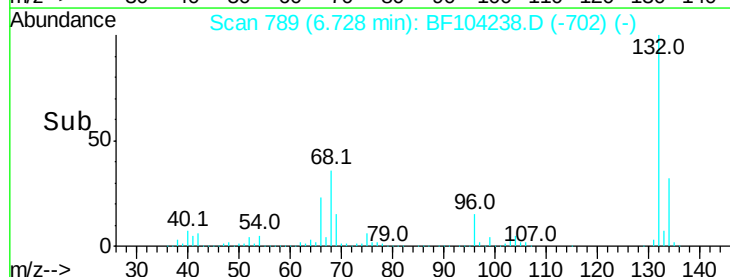
106 76.1 74.5 114.5

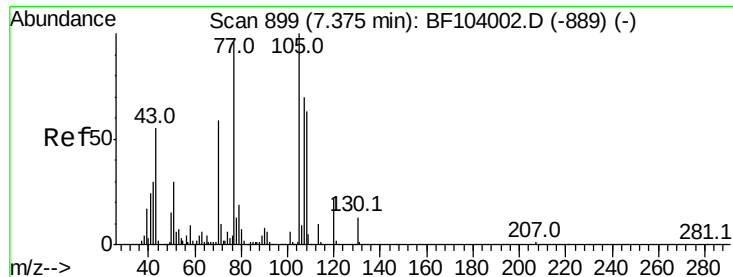


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

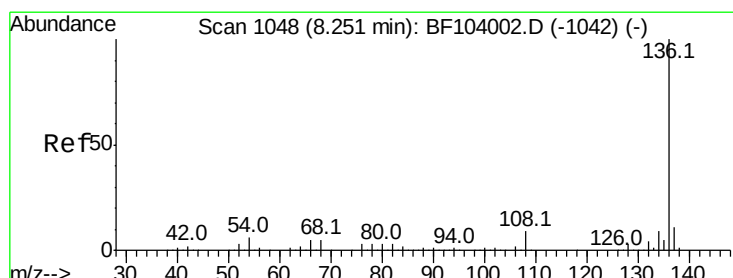
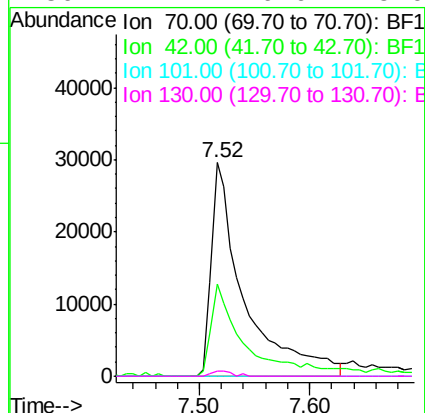
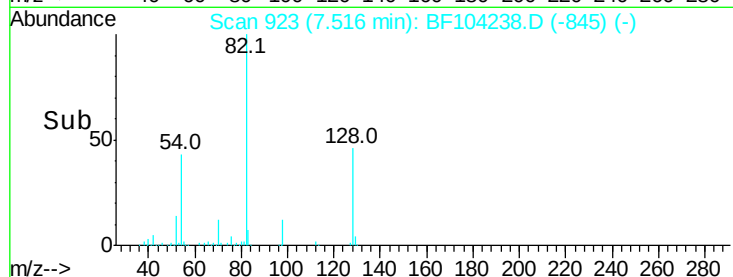
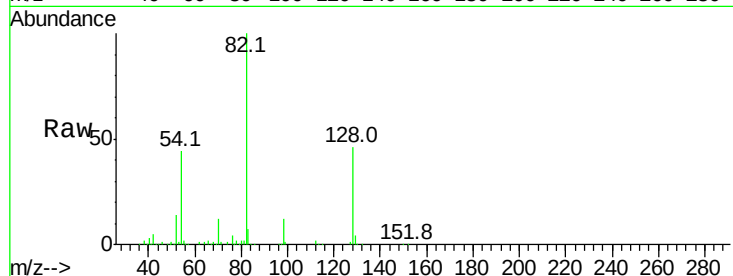




#19
n-Nitroso-di-n-propylamine
Concen: 11.642 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104238.D
Acq: 4 Apr 2018 21:01

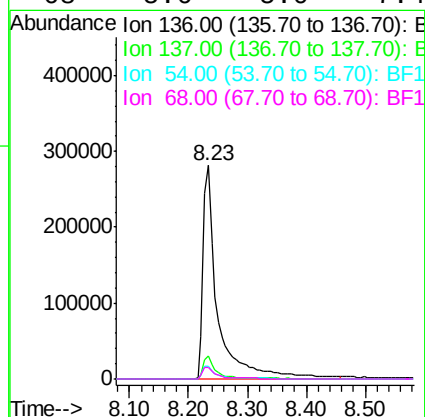
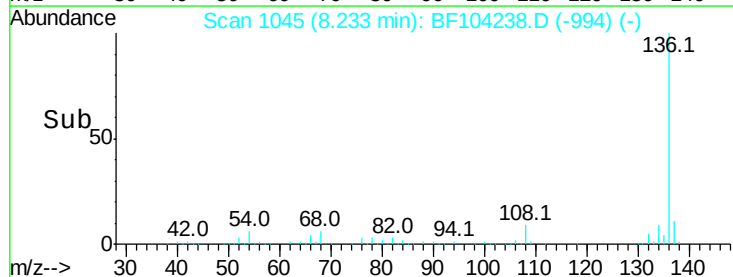
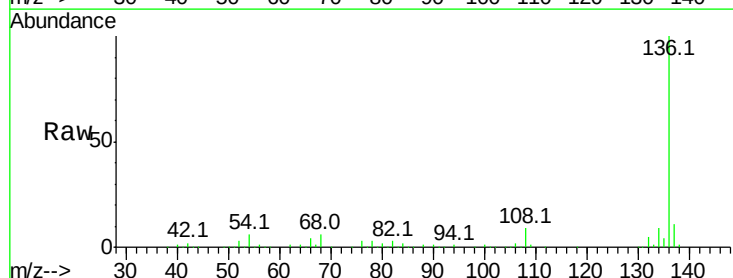
Instrument :
BNA_F
ClientSampleId :

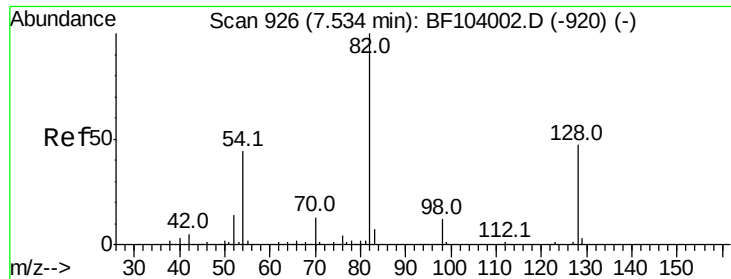
Tot Ion: 70 Resp: 60545
Ion Ratio Lower Upper
70 100
42 43.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF104238.D
Acq: 4 Apr 2018 21:01

Tgt Ion: 136 Resp: 486952
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.2 6.6 9.8#
68 5.6 5.0 7.4

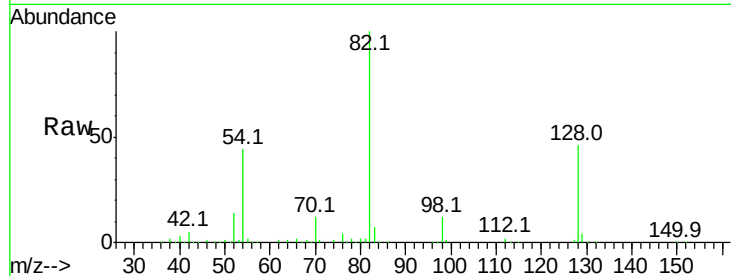




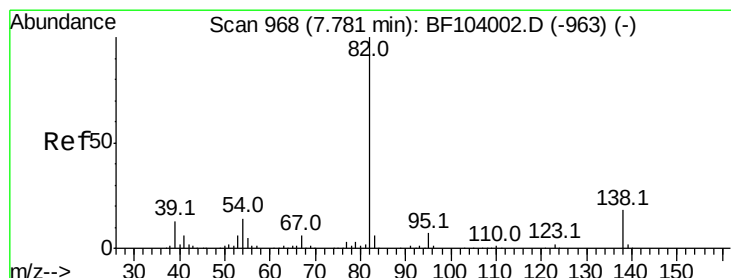
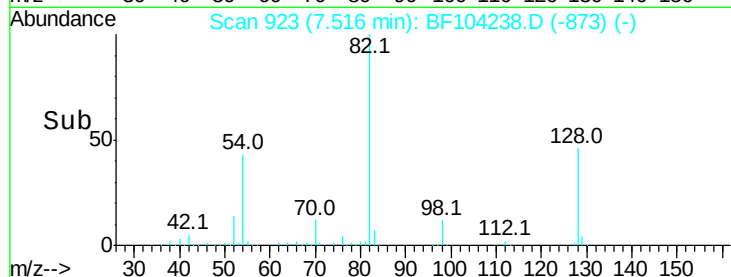
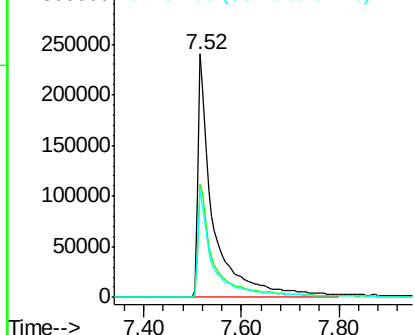
#23
 Nitrobenzene-d5
 Concen: 66.936 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104238.D
 Acq: 4 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 532979
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 43.6 41.4 62.2

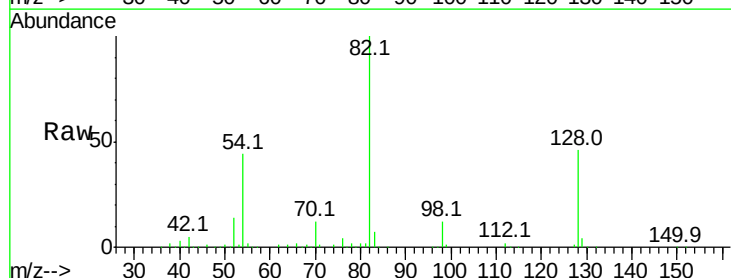


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

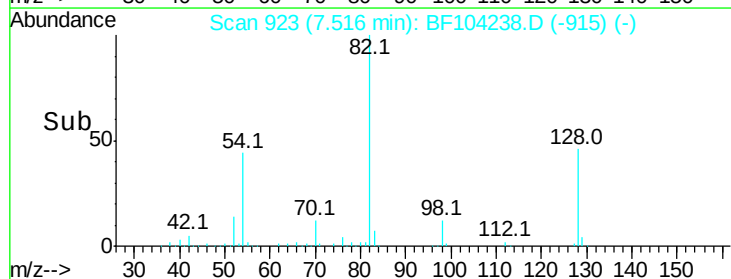
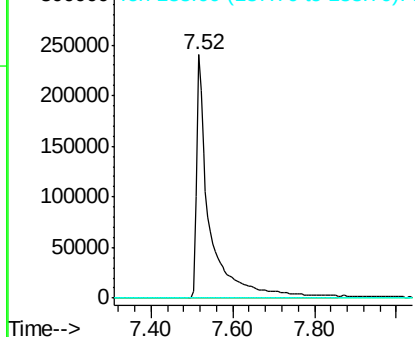


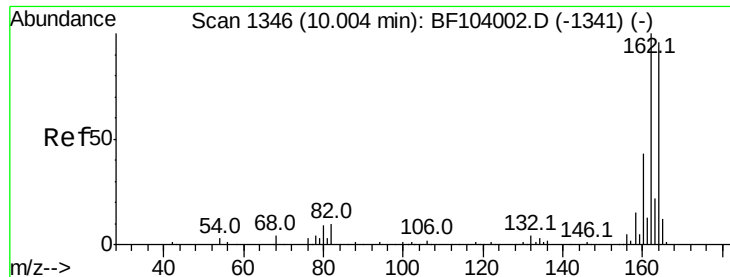
#25
 Isophorone
 Concen: 36.961 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.25 min
 Lab File: BF104238.D
 Acq: 4 Apr 2018 21:01

Tgt Ion: 82 Resp: 542372
 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

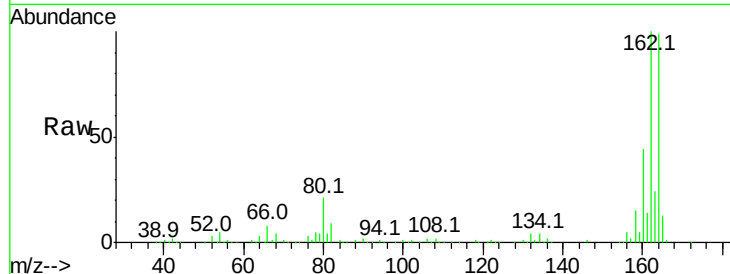




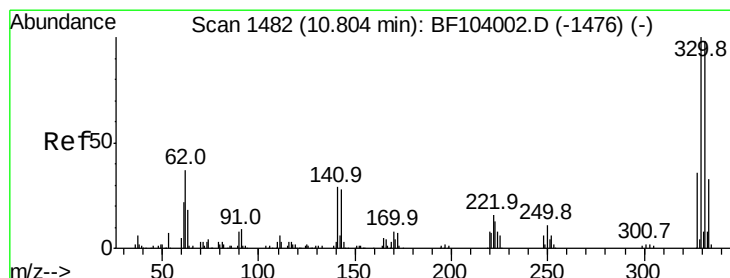
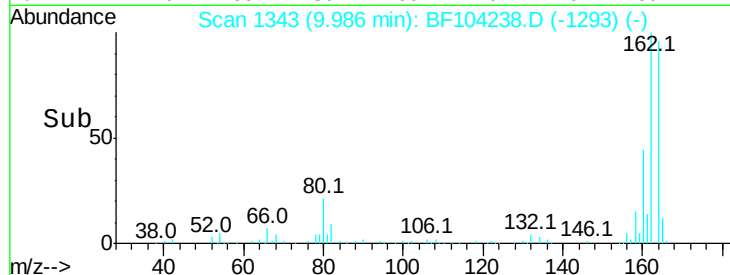
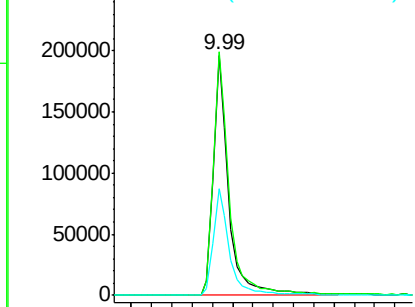
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104238.D
 Acq: 4 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 208701
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 44.2 38.3 57.5

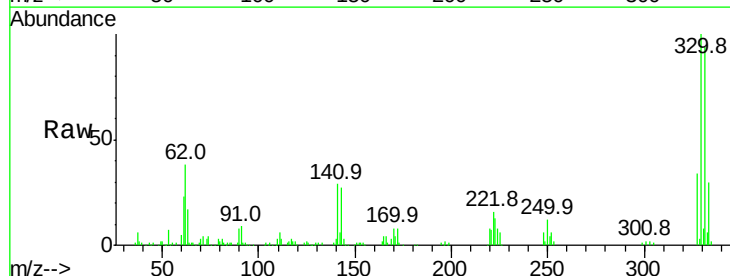


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

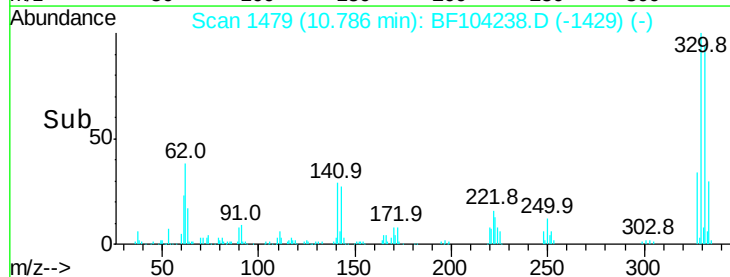
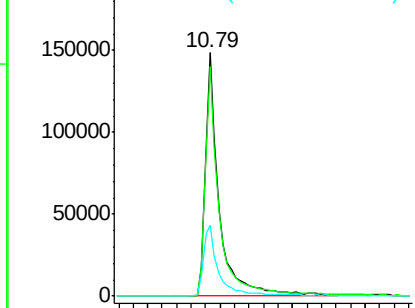


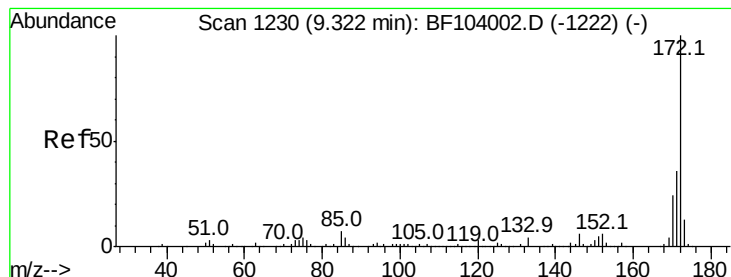
#41
 2,4,6-Tribromophenol
 Concen: 86.015 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104238.D
 Acq: 4 Apr 2018 21:01

Tgt Ion:330 Resp: 199890
 Ion Ratio Lower Upper
 330 100
 332 93.4 77.0 115.6
 141 31.8 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: 72.469 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF104238.D

Acq: 4 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

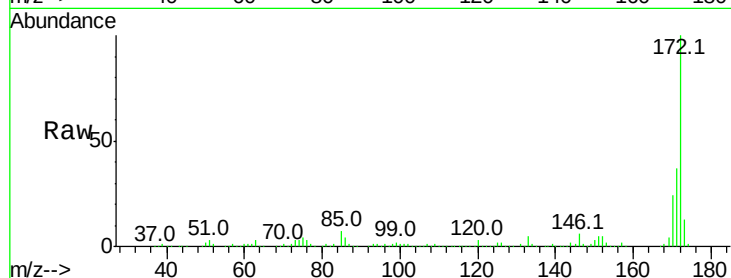
Tot Ion:172 Resp: 959108

Ion Ratio Lower Upper

172 100

171 36.9 29.7 44.5

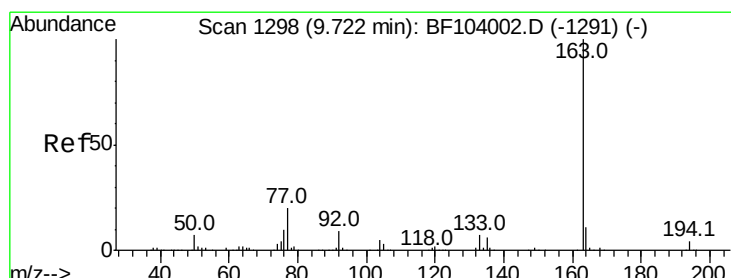
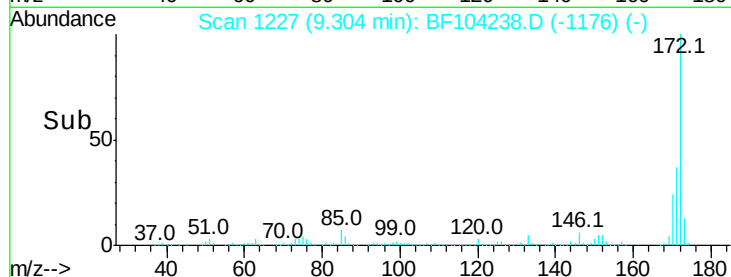
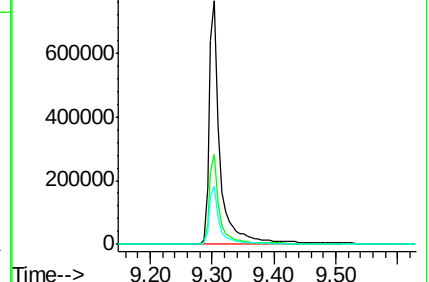
170 24.1 19.6 29.4



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



#49

Dimethylphthalate

Concen: 4.514 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104238.D

Acq: 4 Apr 2018 21:01

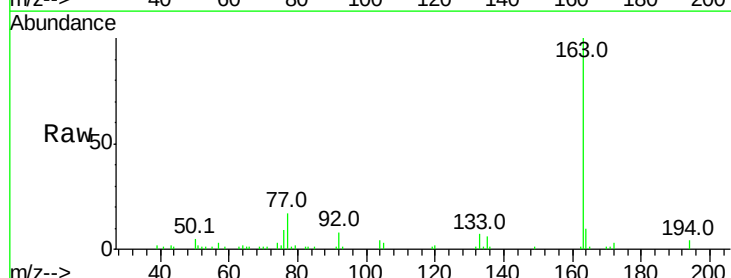
Tgt Ion:163 Resp: 74377

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

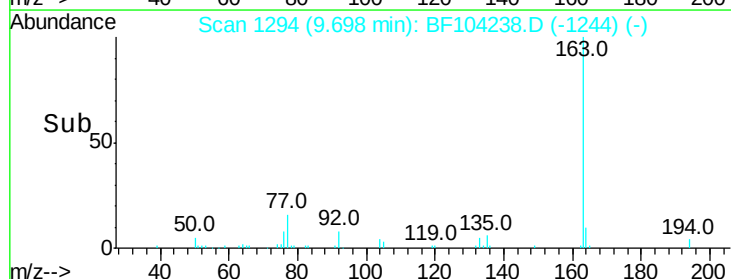
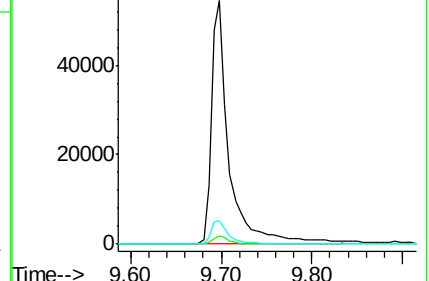
164 9.7 8.2 12.2

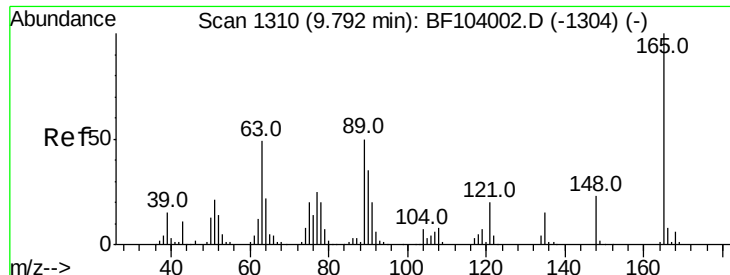


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

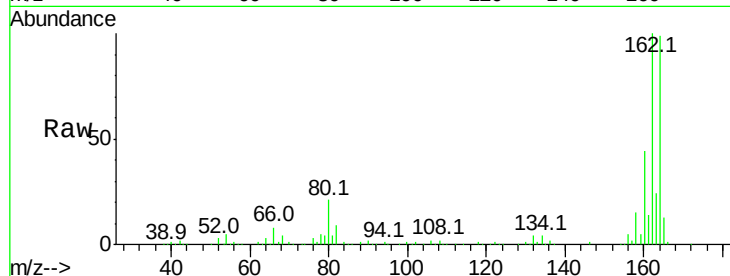




#50
 2,6-Dinitrotoluene
 Concen: 7.412 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF104238.D
 Acq: 4 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :

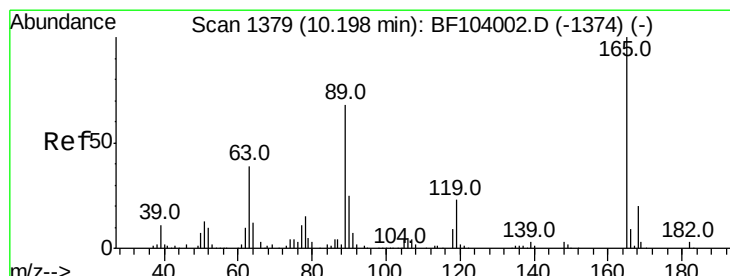
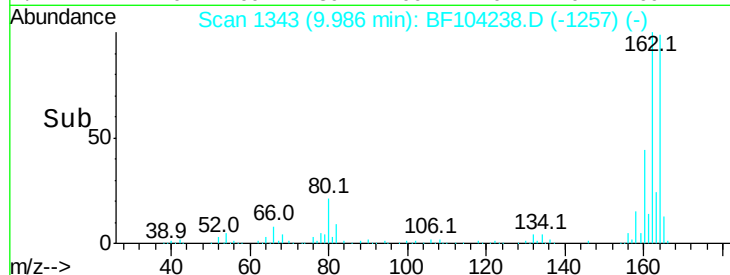
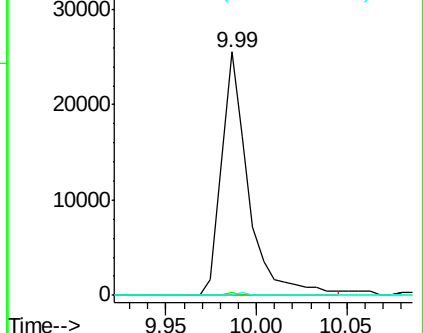
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	0.0	44.0	66.0#



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: 5.913 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104238.D
 Acq: 4 Apr 2018 21:01

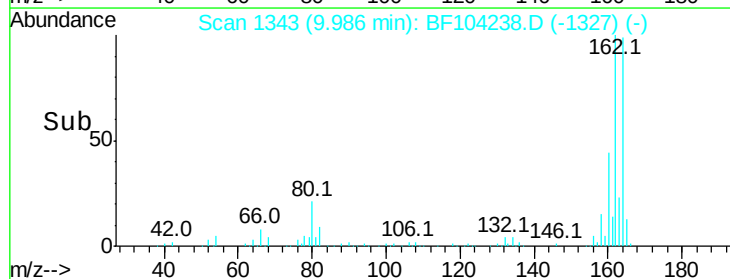
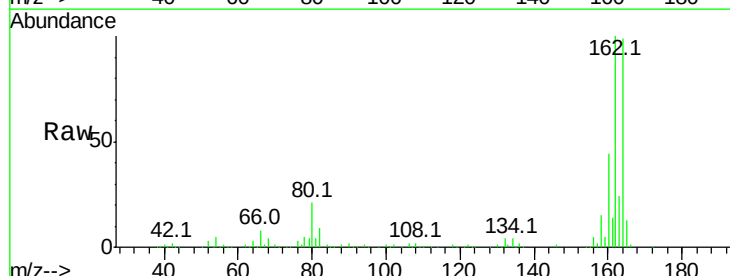
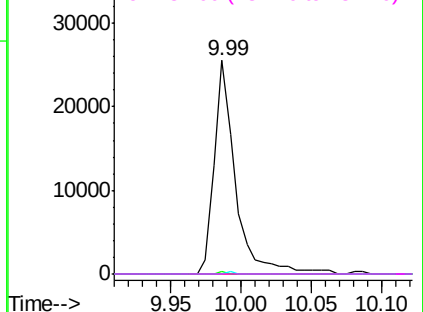
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

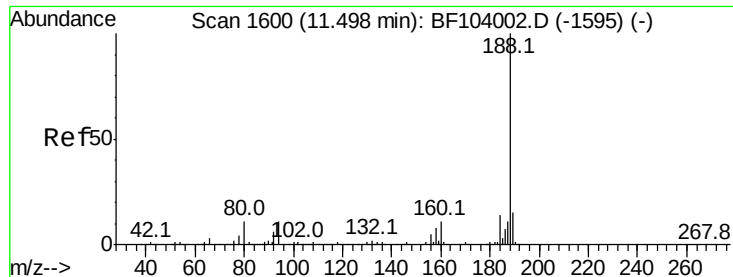
Abundance Ion 165.00 (164.70 to 165.70): E

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

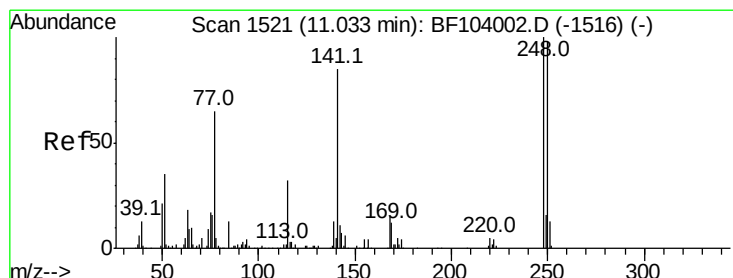
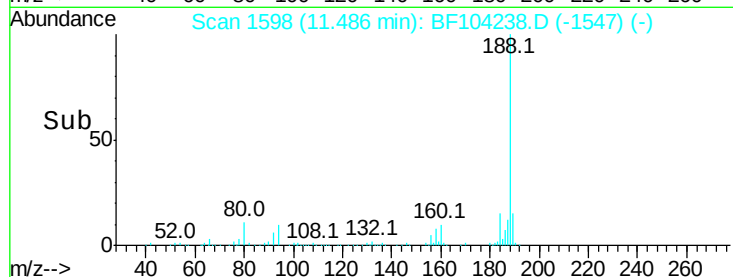
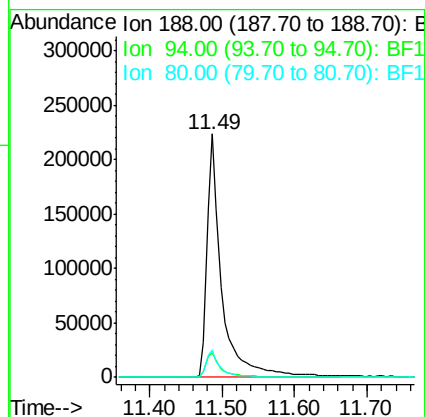
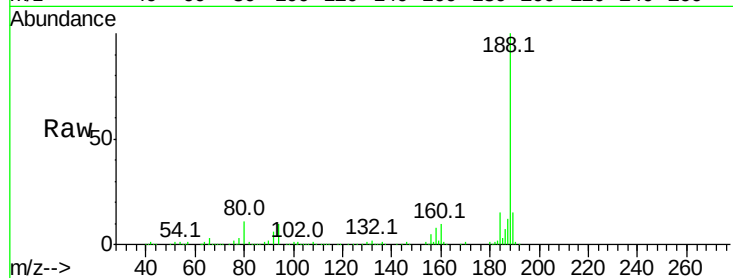




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104238.D
Acq: 4 Apr 2018 21:01

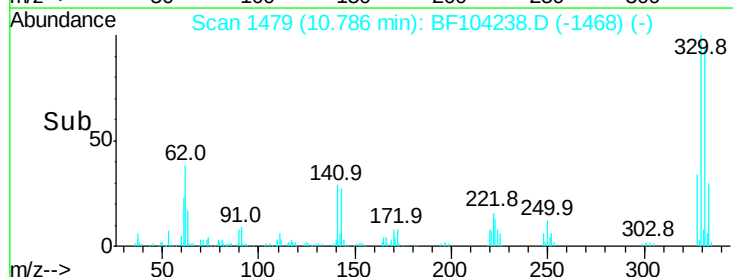
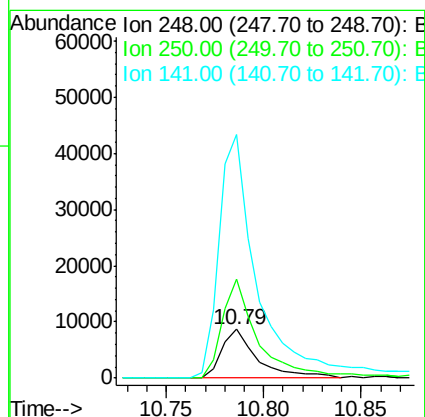
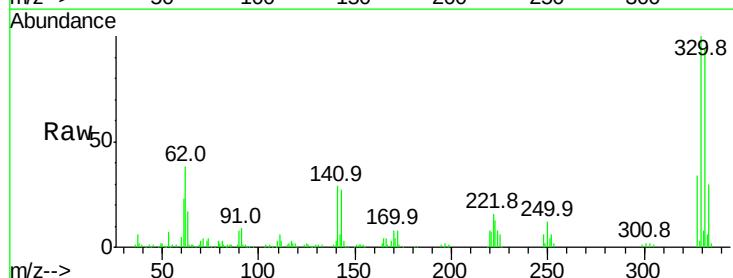
Instrument :
BNA_F
ClientSampleId :

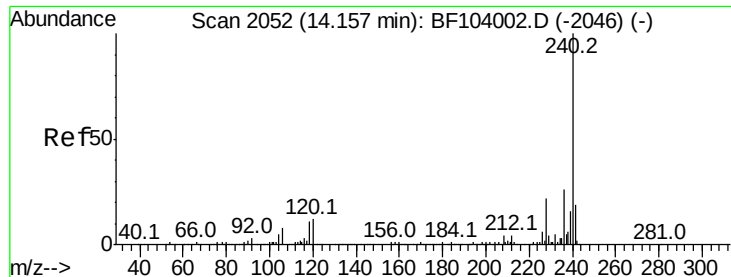
Tot Ion:188 Resp: 319002
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.225 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF104238.D
Acq: 4 Apr 2018 21:01

Tgt Ion:248 Resp: 11006
Ion Ratio Lower Upper
248 100
250 201.4 76.9 115.3#
141 498.5 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104238.D

Acq: 4 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

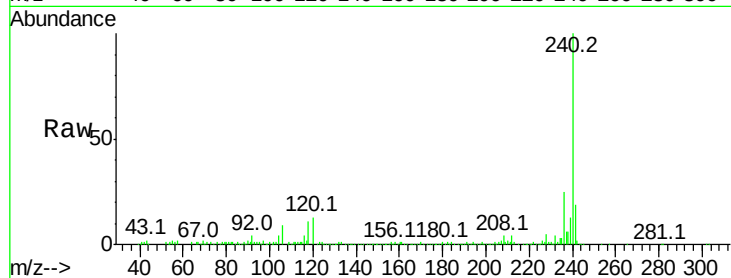
Tot Ion:240 Resp: 230302

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

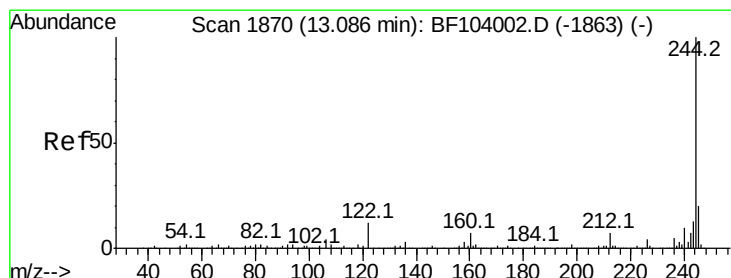
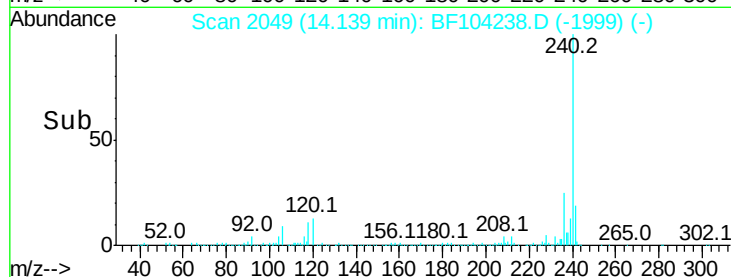
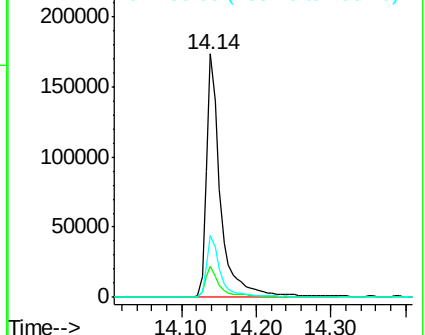
236 25.2 20.7 31.1



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: 64.245 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF104238.D

Acq: 4 Apr 2018 21:01

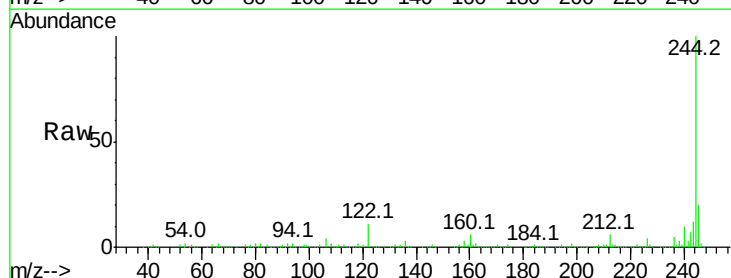
Tgt Ion:244 Resp: 640796

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

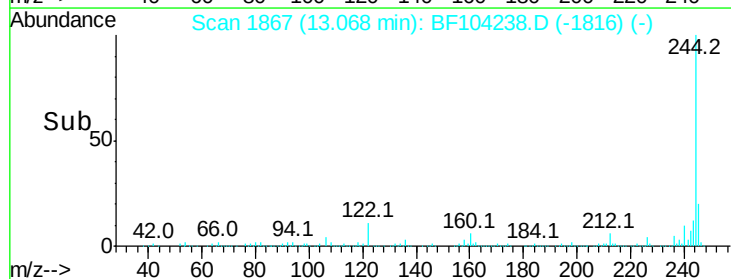
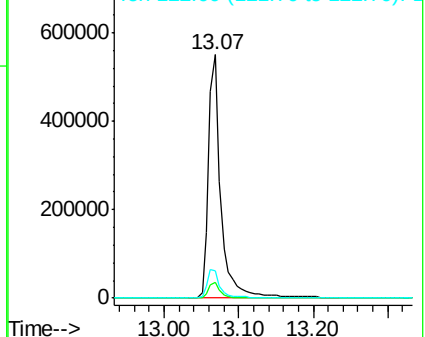
122 11.3 11.0 16.4

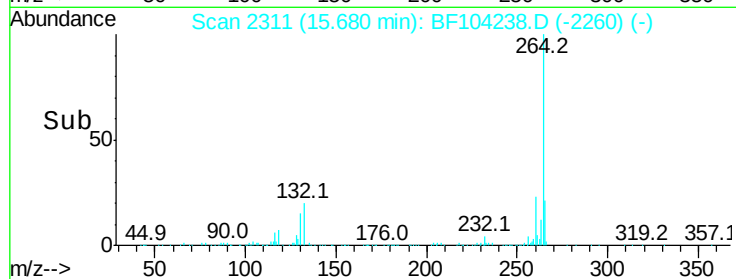
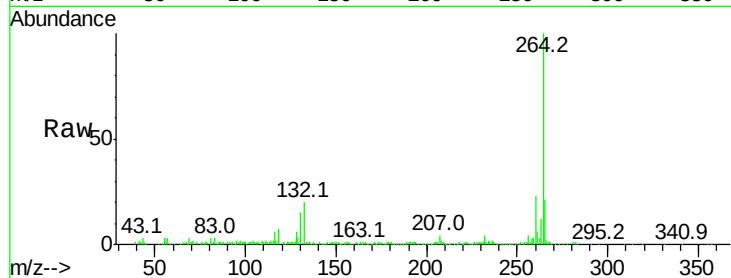
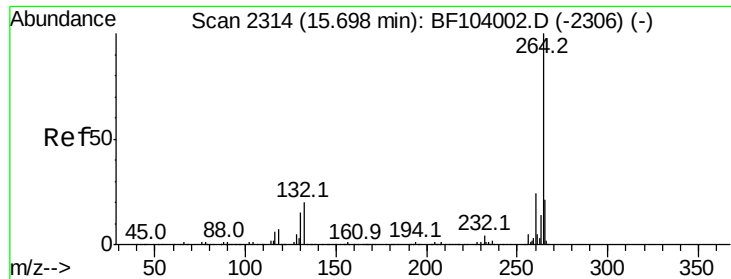


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: BF104238.D
 Acq: 4 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.1	17.5	26.3

