

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104201.D
 Acq On : 4 Apr 2018 1:01
 Operator : JU/SJ
 Sample : J2182-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 02:23:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

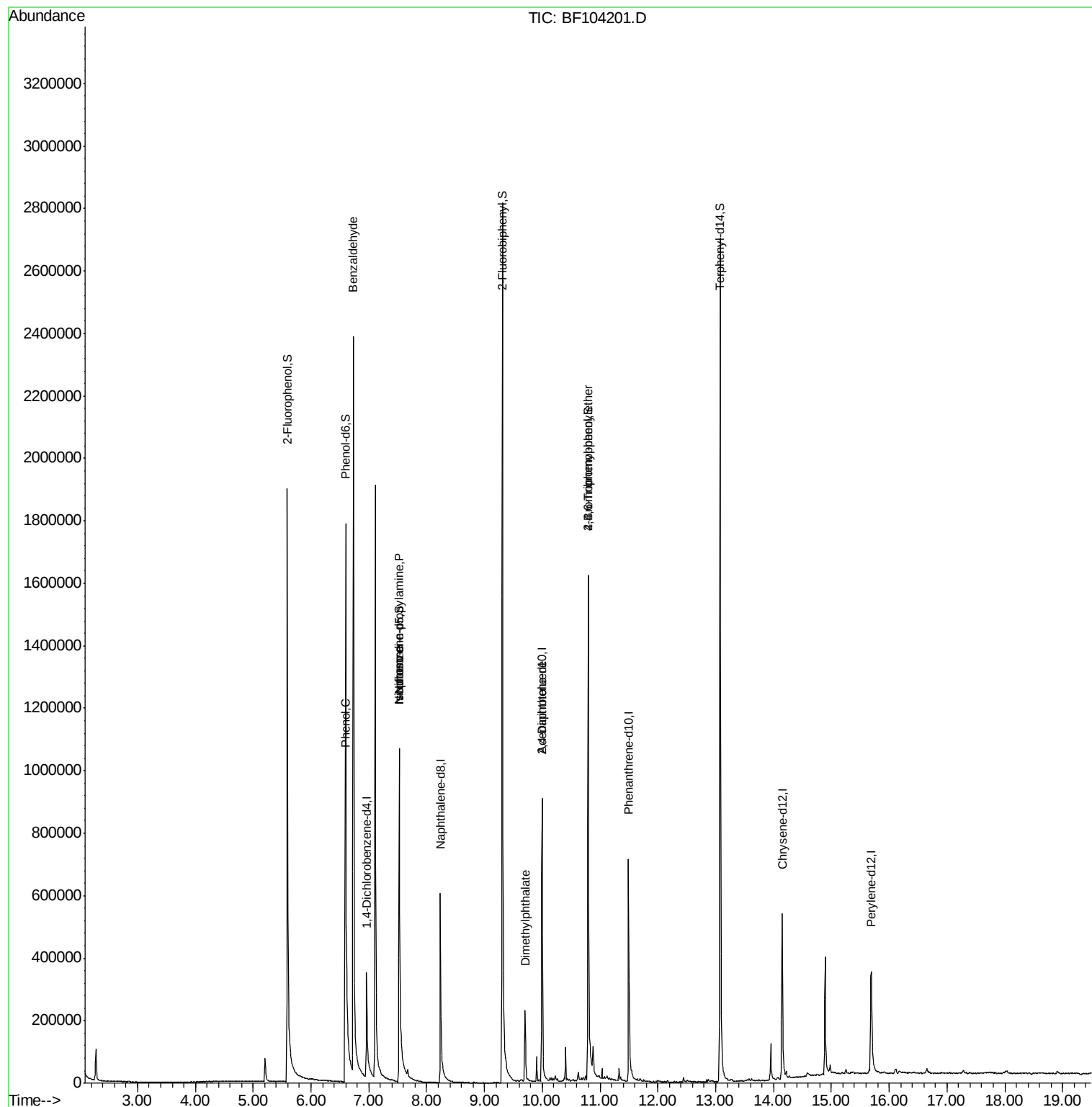
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	101878	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	440074	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	210770	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	390836	20.00	ng	0.00
75) Chrysene-d12	14.15	240	268087	20.00	ng	0.00
86) Perylene-d12	15.69	264	219069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	841060	131.66	ng	0.00
7) Phenol-d6	6.60	99	1047690	133.30	ng	0.00
23) Nitrobenzene-d5	7.53	82	666259	92.59	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	290472	123.77	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1218378	91.16	ng	0.00
78) Terphenyl-d14	13.08	244	1140095	98.19	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	17269	2.839	ng	92
10) Phenol	6.61	94	42913	4.928	ng	# 61
19) n-Nitroso-di-n-propylamine	7.53	70	79592	17.064	ng	# 69
25) Isophorone	7.53	82	669903	50.515	ng	# 64
49) Dimethylphthalate	9.70	163	125773	7.558	ng	99
56) 2,4-Dinitrotoluene	10.00	165	26540	5.809	ng	# 23
66) 4-Bromophenyl-phenylether	10.79	248	16785	4.014	ng	# 1

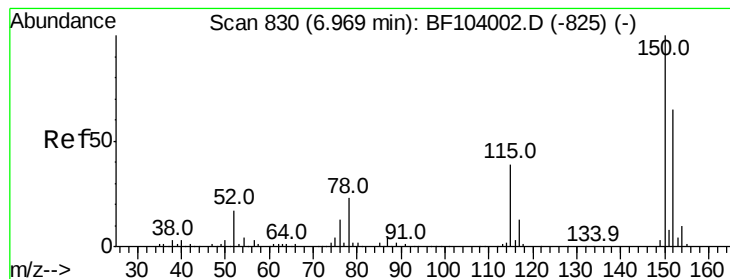
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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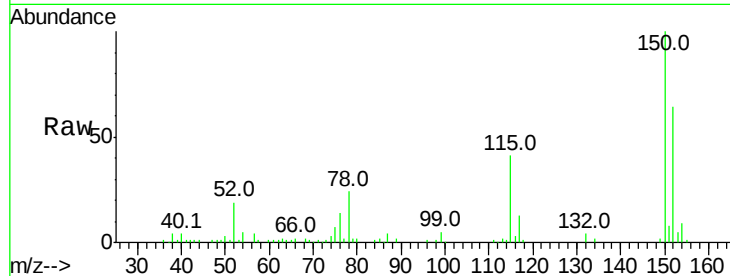


#1

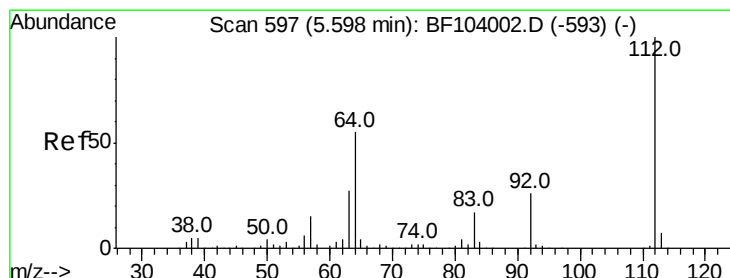
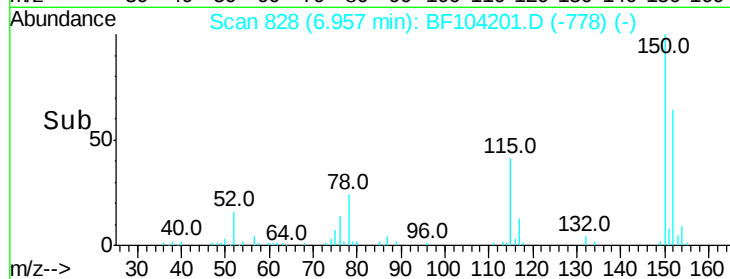
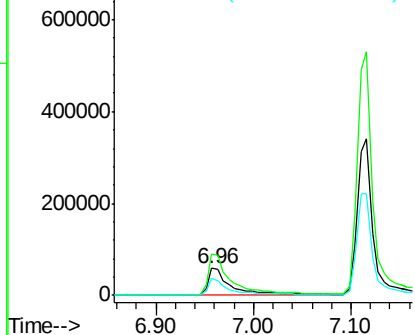
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104201.D
Acq: 4 Apr 2018 1:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101878
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 63.7 50.1 75.1



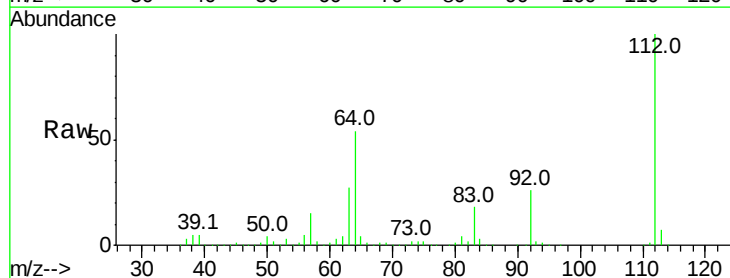
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



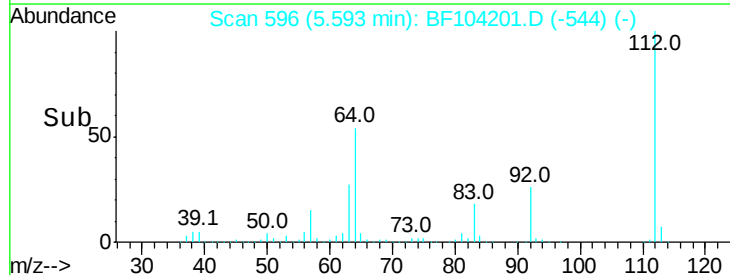
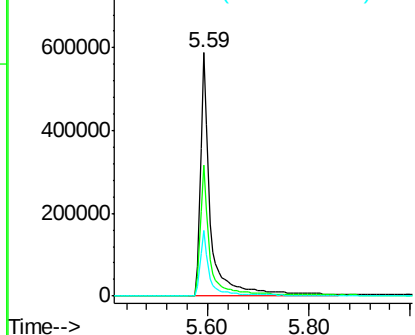
#5

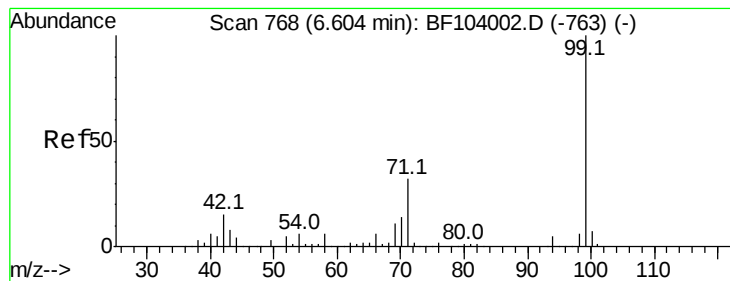
2-Fluorophenol
Concen: 131.655 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104201.D
Acq: 4 Apr 2018 1:01

Tgt Ion:112 Resp: 841060
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 26.9 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: 133.301 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF104201.D

Acq: 4 Apr 2018 1:01

Instrument :

BNA_F

ClientSampleId :

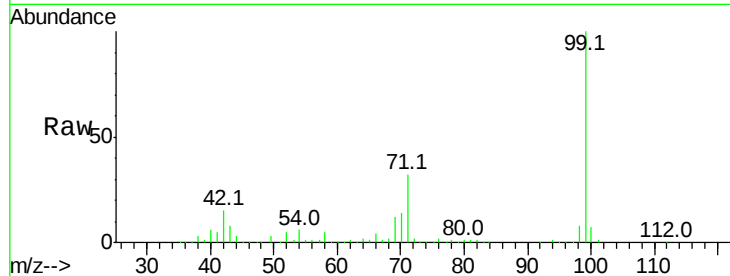
Tot Ion: 99 Resp: 1047690

Ion Ratio Lower Upper

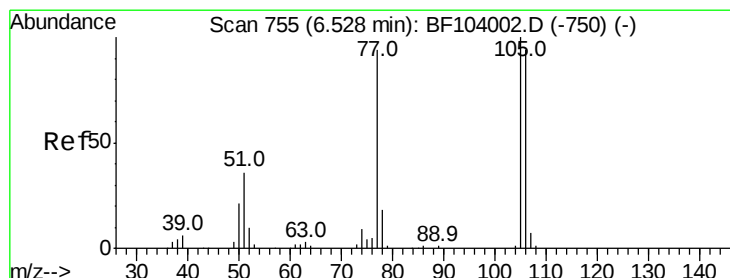
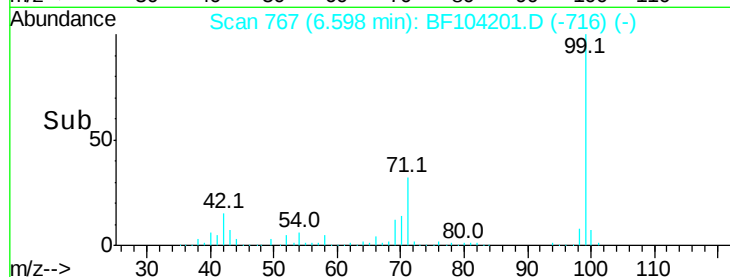
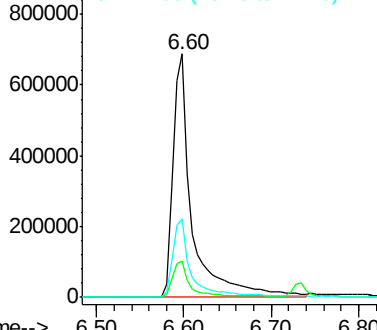
99 100

42 14.6 14.5 21.7

71 32.4 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: 2.839 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.21 min

Lab File: BF104201.D

Acq: 4 Apr 2018 1:01

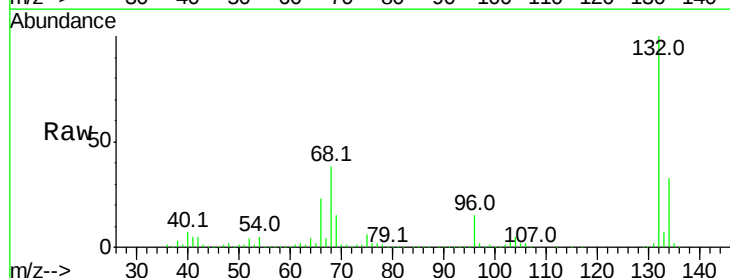
Tgt Ion: 77 Resp: 17269

Ion Ratio Lower Upper

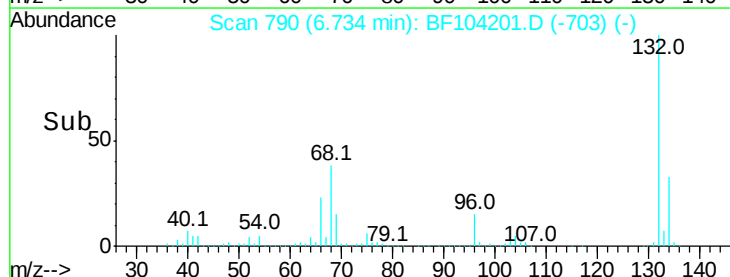
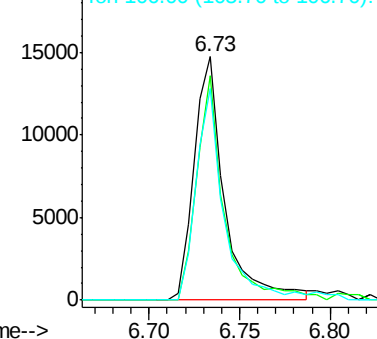
77 100

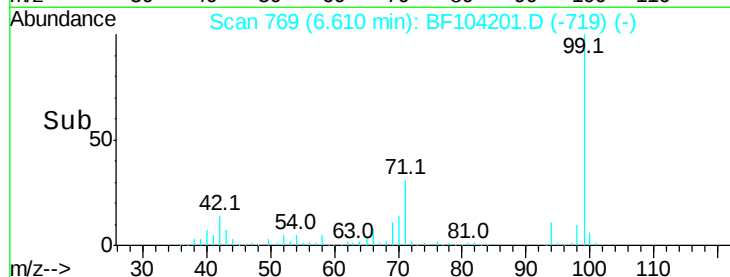
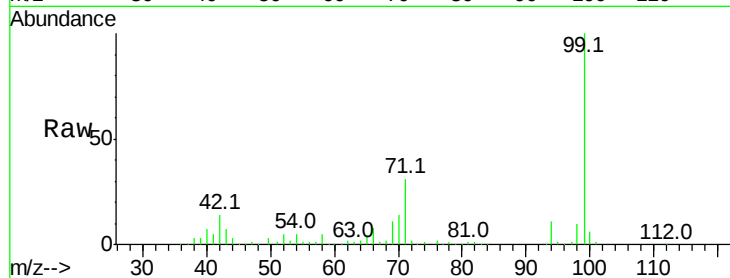
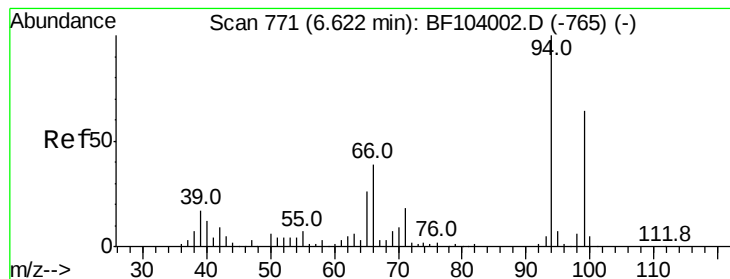
105 92.3 81.1 121.1

106 86.8 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





#10

Phenol

Concen: 4.928 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF104201.D

Acq: 4 Apr 2018 1:01

Instrument :

BNA_F

ClientSampleId :

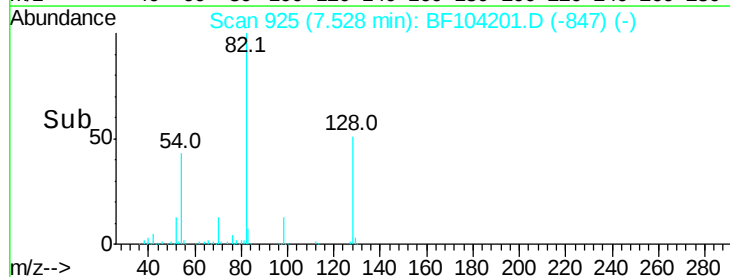
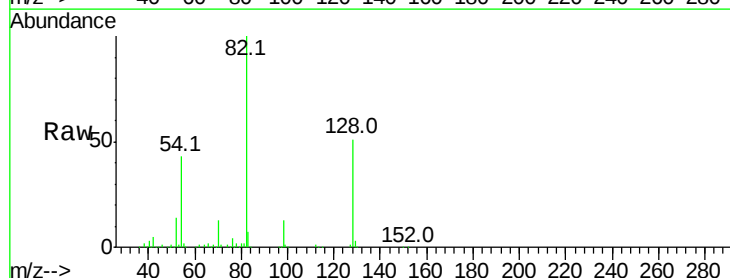
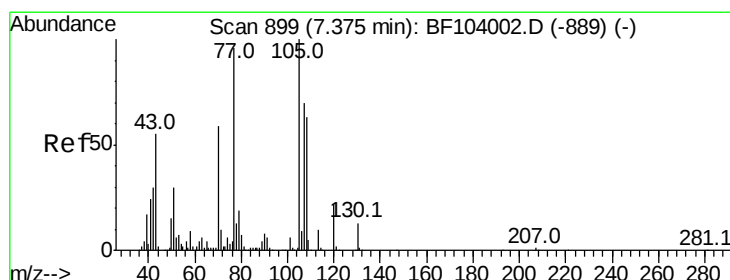
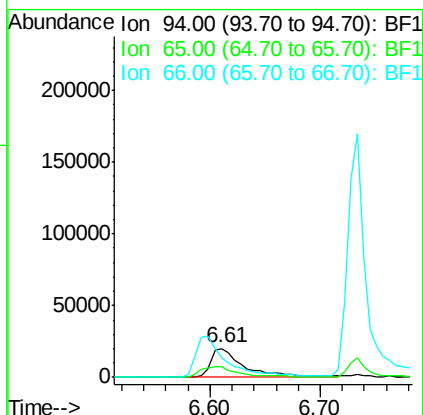
Tot Ion: 94 Resp: 42913

Ion Ratio Lower Upper

94 100

65 36.6 7.9 47.9

66 69.5 16.2 56.2#



#19

n-Nitroso-di-n-propylamine

Concen: 17.064 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.16 min

Lab File: BF104201.D

Acq: 4 Apr 2018 1:01

Tgt Ion: 70 Resp: 79592

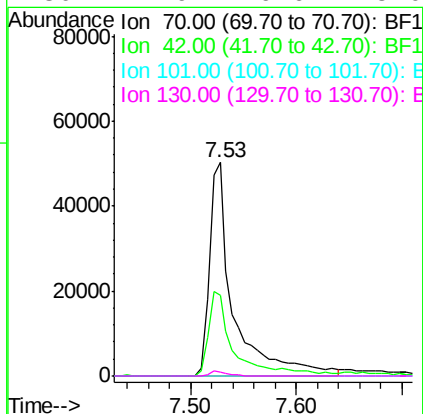
Ion Ratio Lower Upper

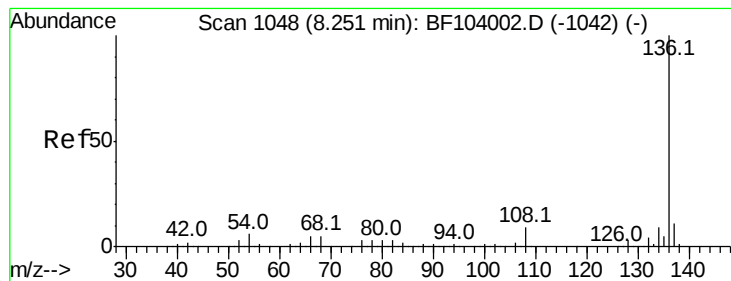
70 100

42 37.6 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF104201.D

Acq: 4 Apr 2018 1:01

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 440074

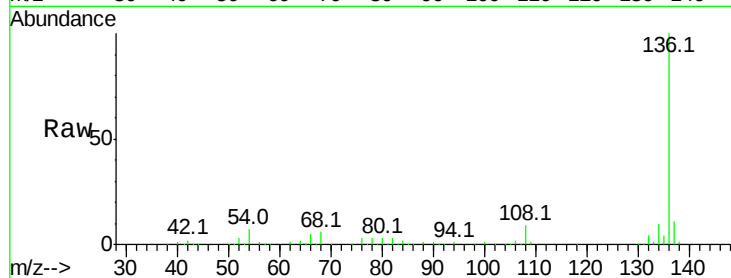
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.6 6.6 9.8#

68 5.9 5.0 7.4

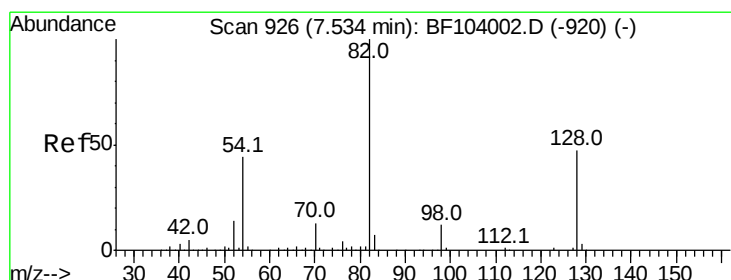
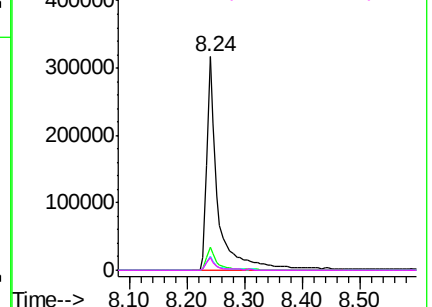
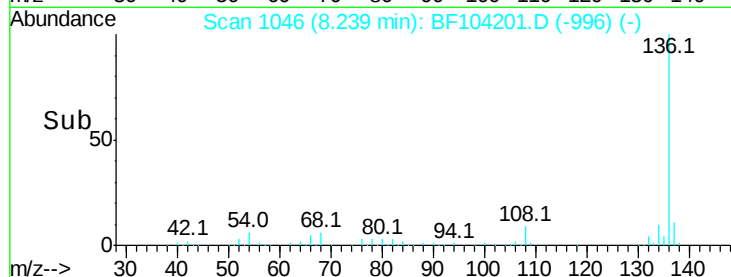


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.588 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF104201.D

Acq: 4 Apr 2018 1:01

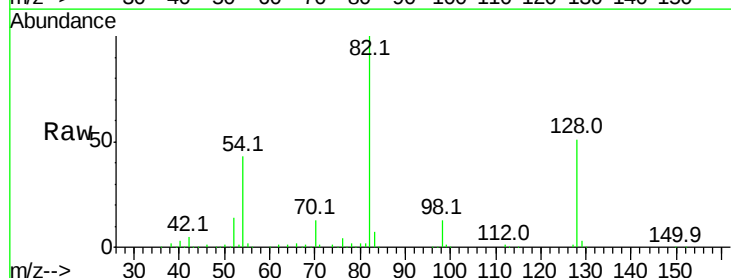
Tgt Ion: 82 Resp: 666259

Ion Ratio Lower Upper

82 100

128 50.8 36.1 54.1

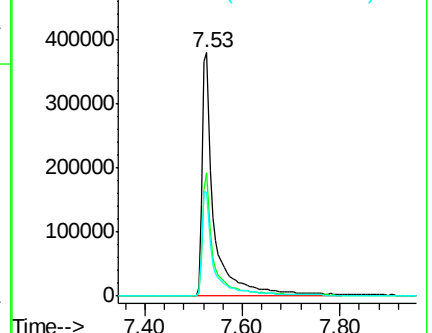
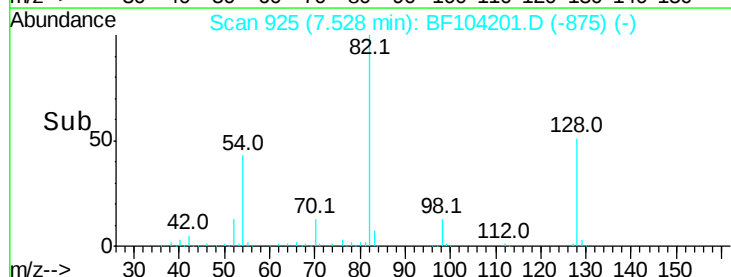
54 42.8 41.4 62.2

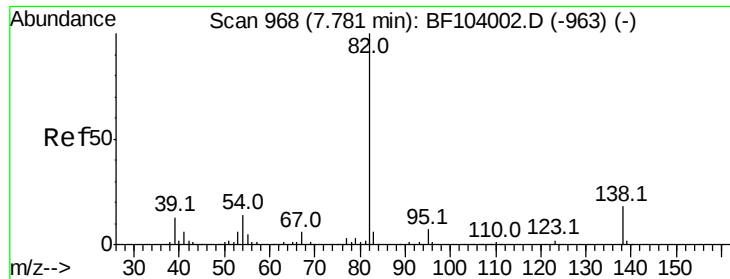


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.515 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.25 min

Lab File: BF104201.D

Acq: 4 Apr 2018 1:01

Instrument :

BNA_F

ClientSampleId :

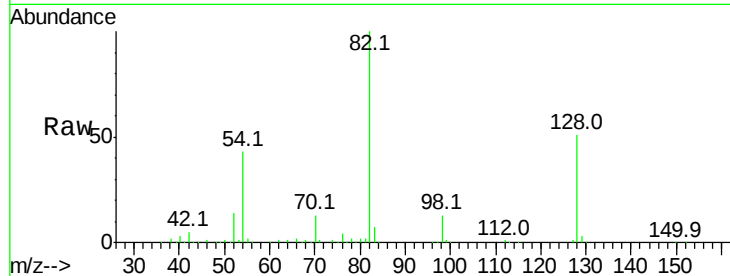
Tot Ion: 82 Resp: 669903

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

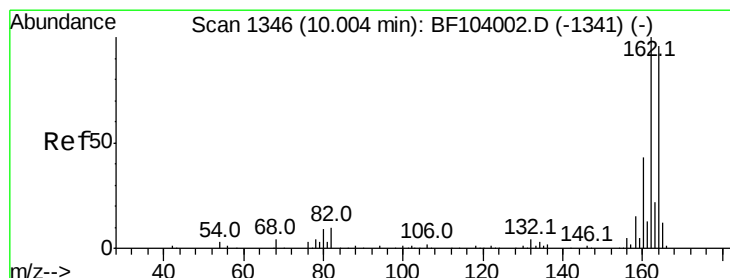
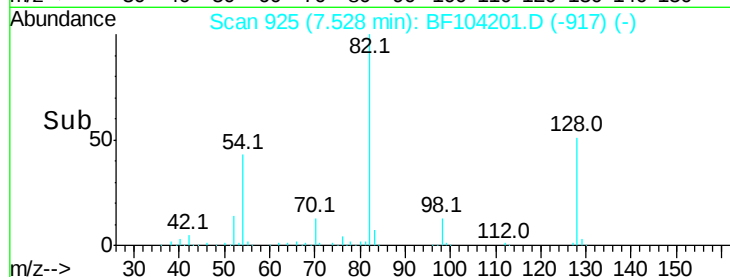
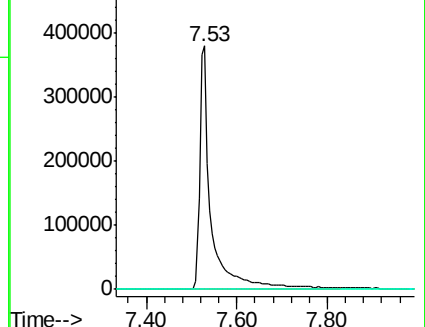
138 0.0 14.9 22.3#



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: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF104201.D

Acq: 4 Apr 2018 1:01

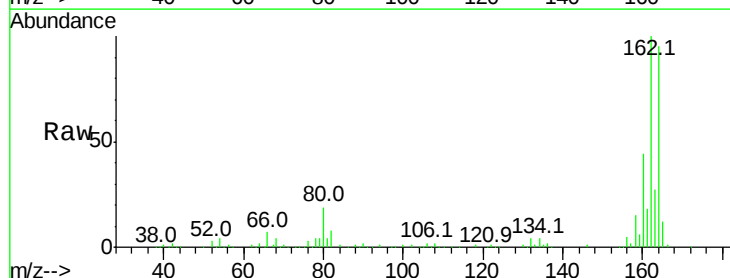
Tgt Ion:164 Resp: 210770

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

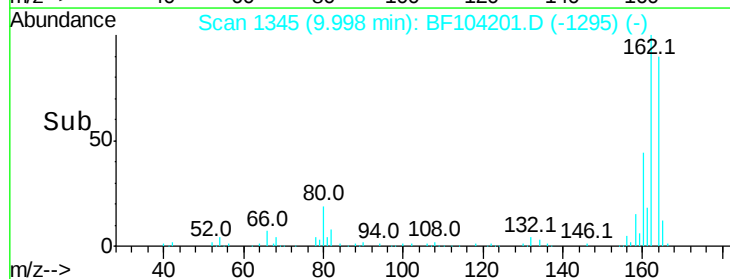
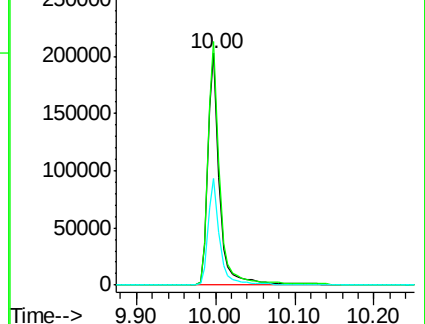
160 46.0 38.3 57.5

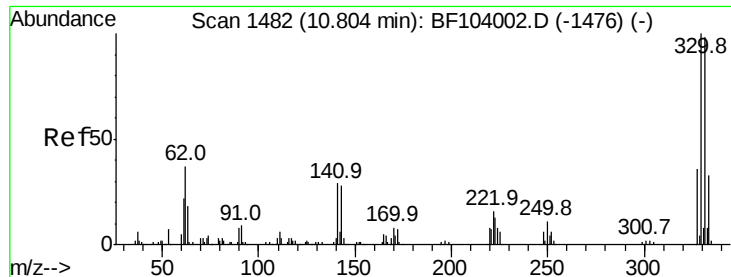


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

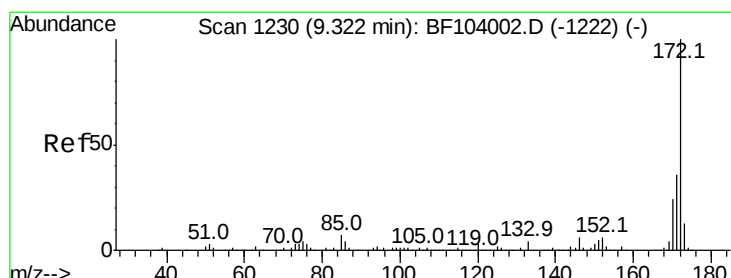
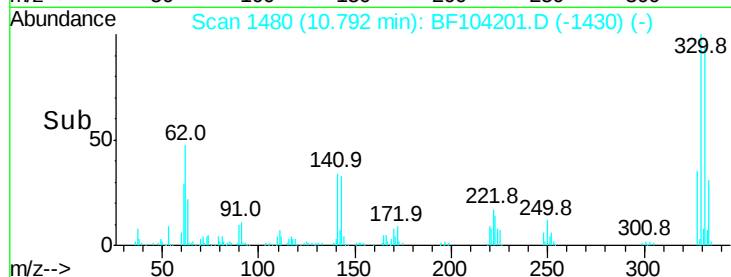
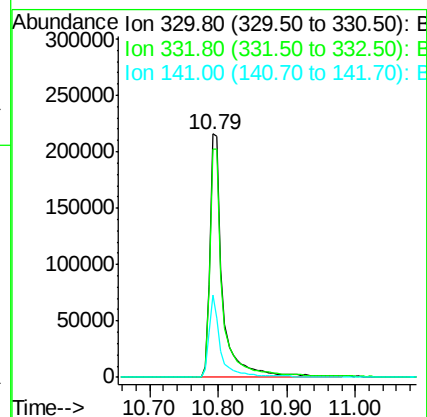
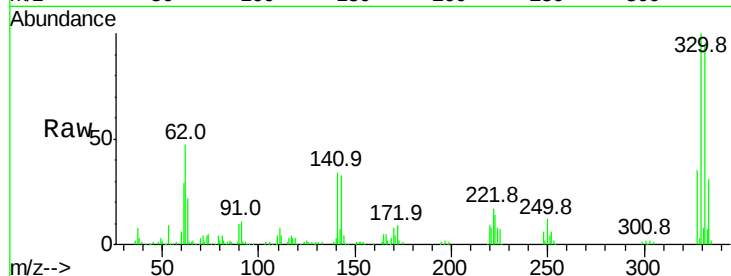




#41
 2,4,6-Tribromophenol
 Concen: 123.767 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104201.D
 Acq: 4 Apr 2018 1:01

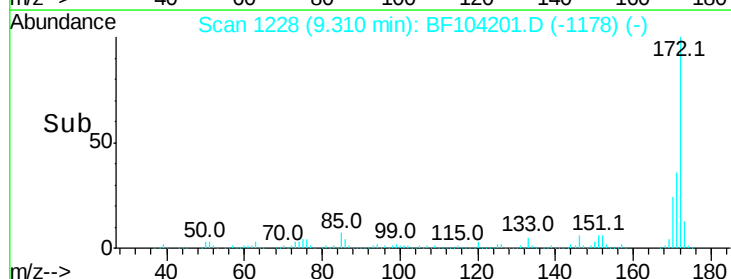
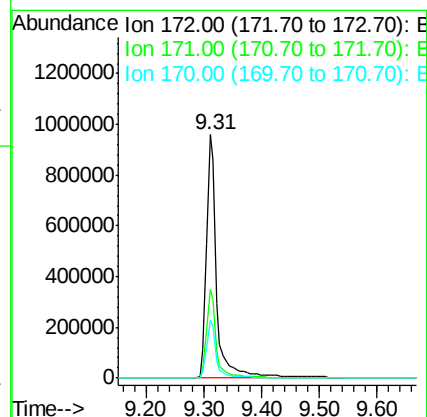
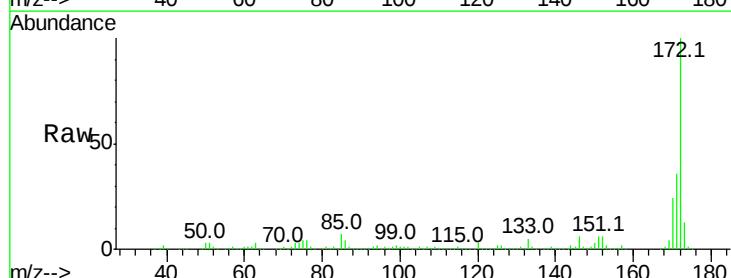
Instrument :
 BNA_F
 ClientSampled :

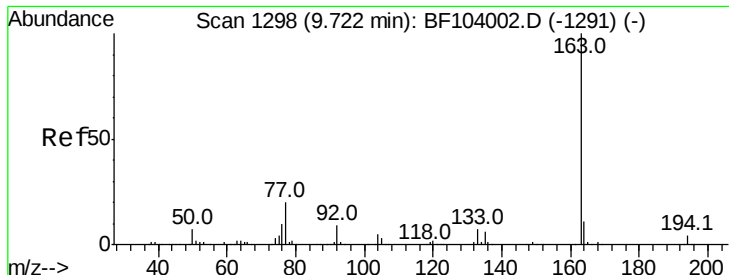
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	29.5	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 91.155 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104201.D
 Acq: 4 Apr 2018 1:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.6	19.6	29.4

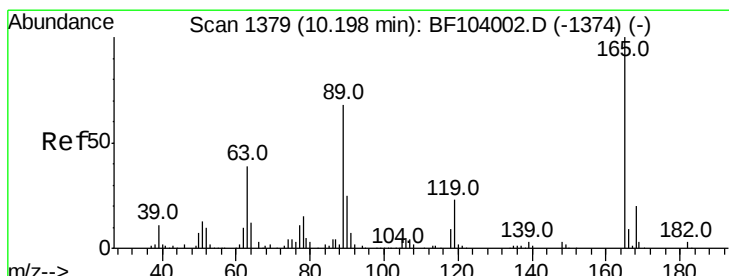
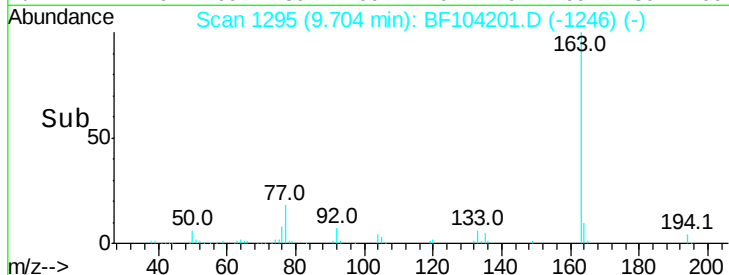
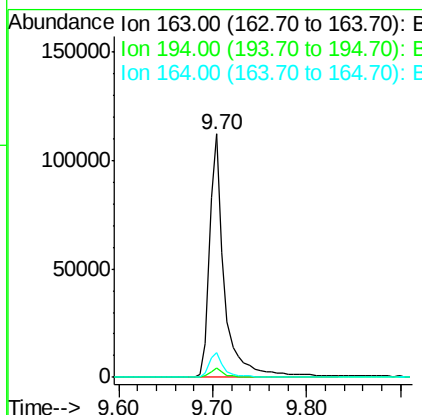
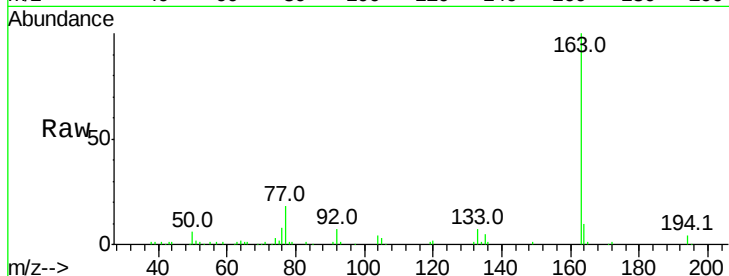




#49
Dimethylphthalate
Concen: 7.558 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104201.D
Acq: 4 Apr 2018 1:01

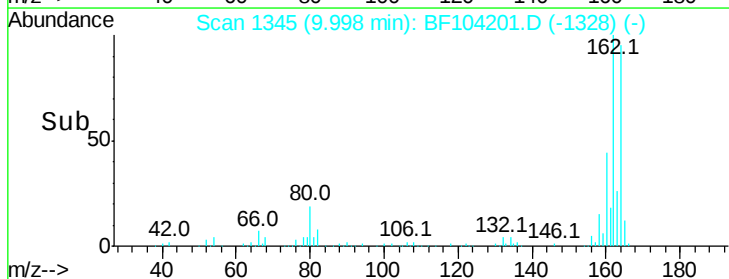
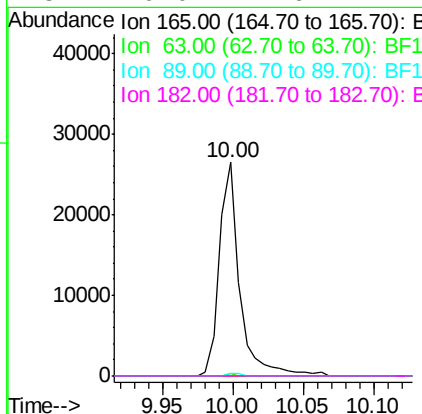
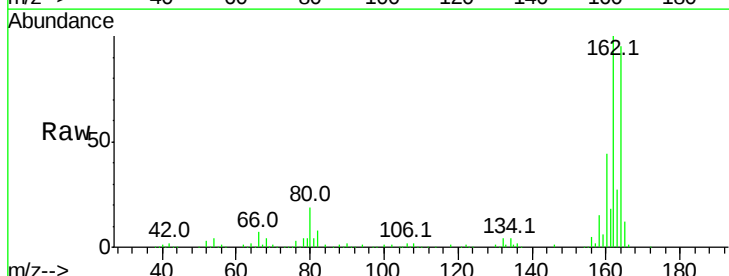
Instrument :
BNA_F
ClientSampleId :

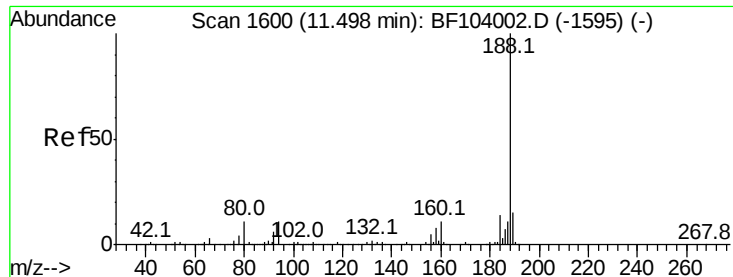
Tot Ion:163 Resp: 125773
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.9 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.809 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.20 min
Lab File: BF104201.D
Acq: 4 Apr 2018 1:01

Tgt Ion:165 Resp: 26540
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#

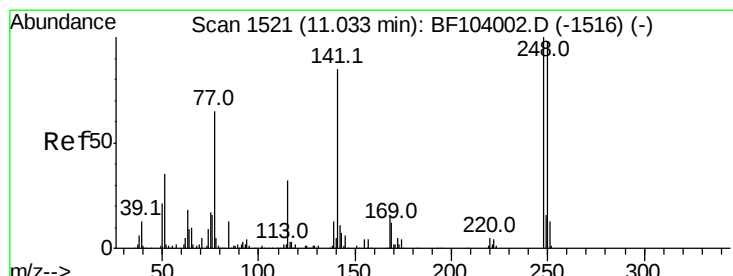
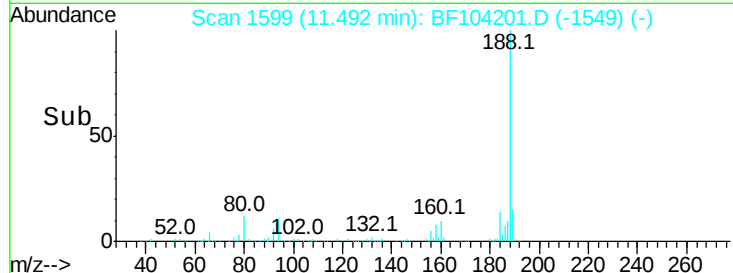
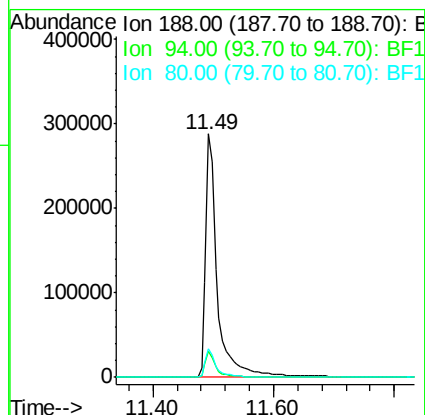
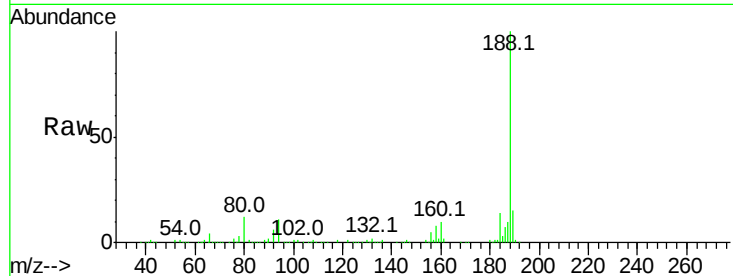




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104201.D
Acq: 4 Apr 2018 1:01

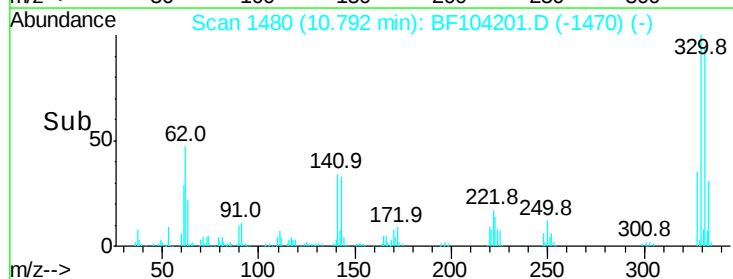
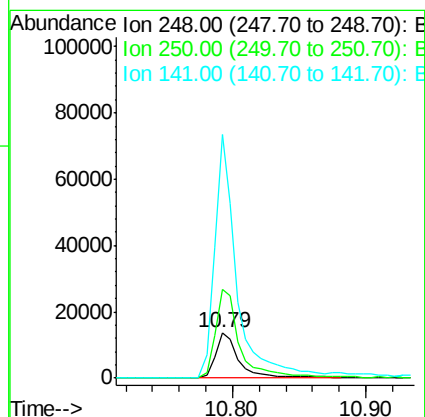
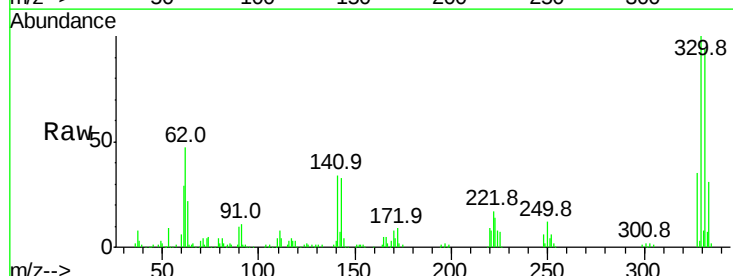
Instrument :
BNA_F
ClientSampleId :

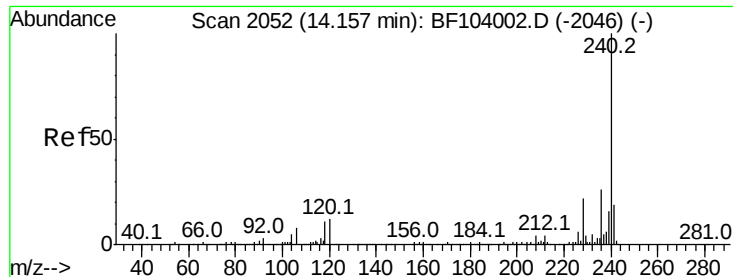
Tot Ion:188 Resp: 390836
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.014 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104201.D
Acq: 4 Apr 2018 1:01

Tgt Ion:248 Resp: 16785
Ion Ratio Lower Upper
248 100
250 195.9 76.9 115.3#
141 533.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104201.D

Acq: 4 Apr 2018 1:01

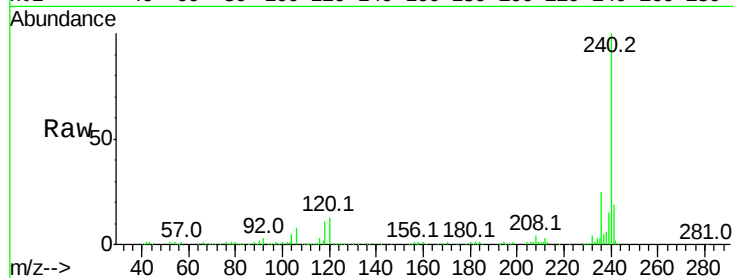
Instrument :

BNA_F

ClientSampled :

Tot Ion:240 Resp: 268087

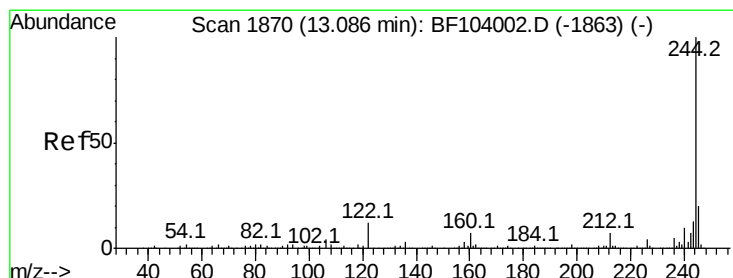
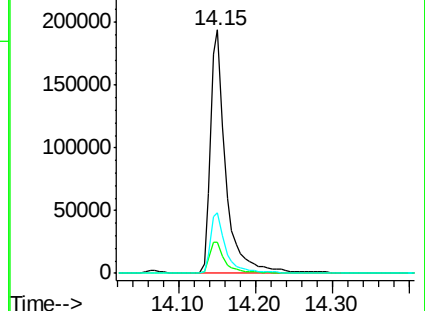
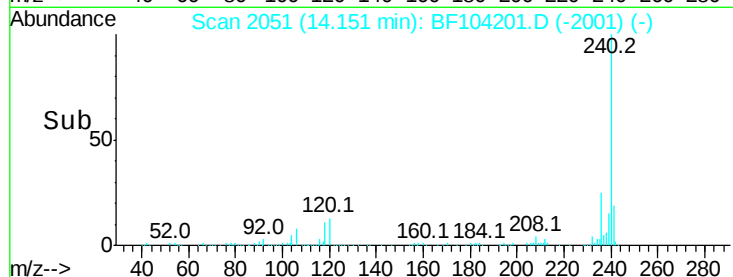
Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	24.9	20.7	31.1



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: 98.193 ng

RT: 13.08 min Scan# 1869

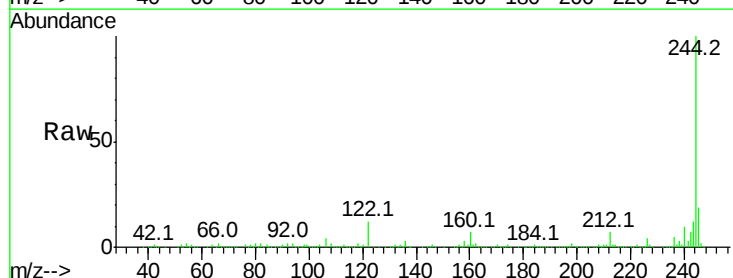
Delta R.T. 0.00 min

Lab File: BF104201.D

Acq: 4 Apr 2018 1:01

Tgt Ion:244 Resp: 1140095

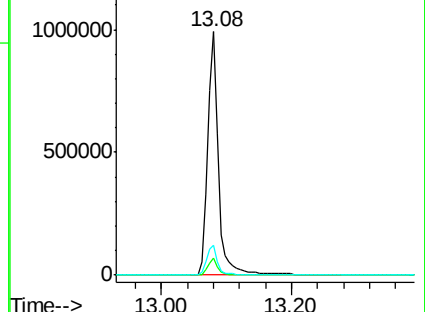
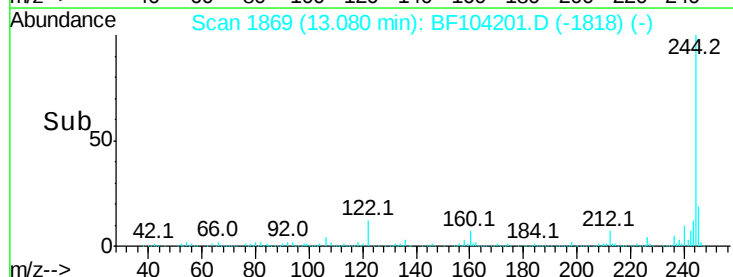
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.3	11.0	16.4

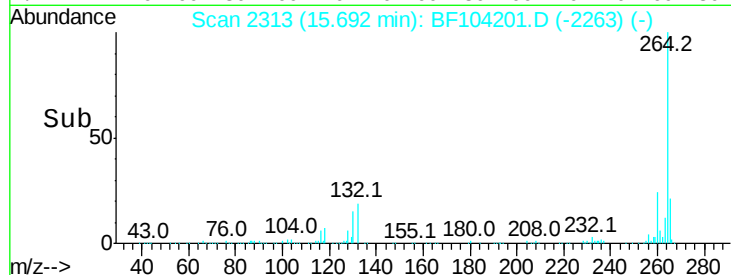
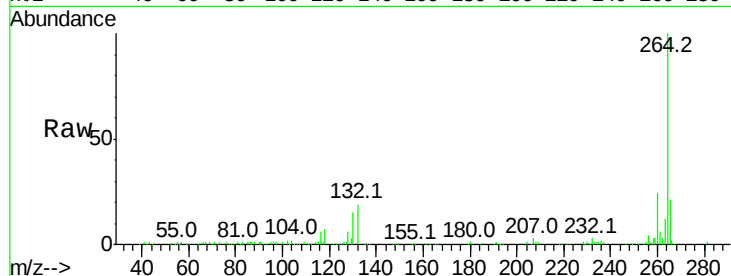
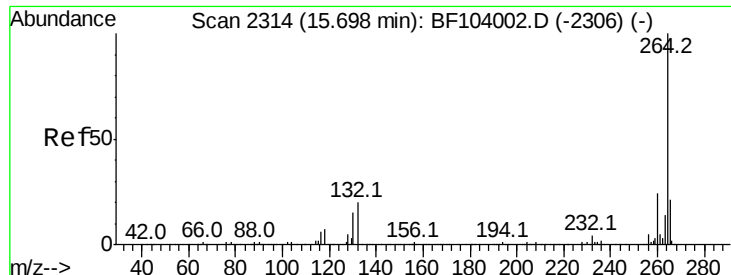


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF104201.D
 Acq: 4 Apr 2018 1:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.5	26.3

