

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104178.D
 Acq On : 3 Apr 2018 13:30
 Operator : JU/SJ
 Sample : J2114-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 15:23:47 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

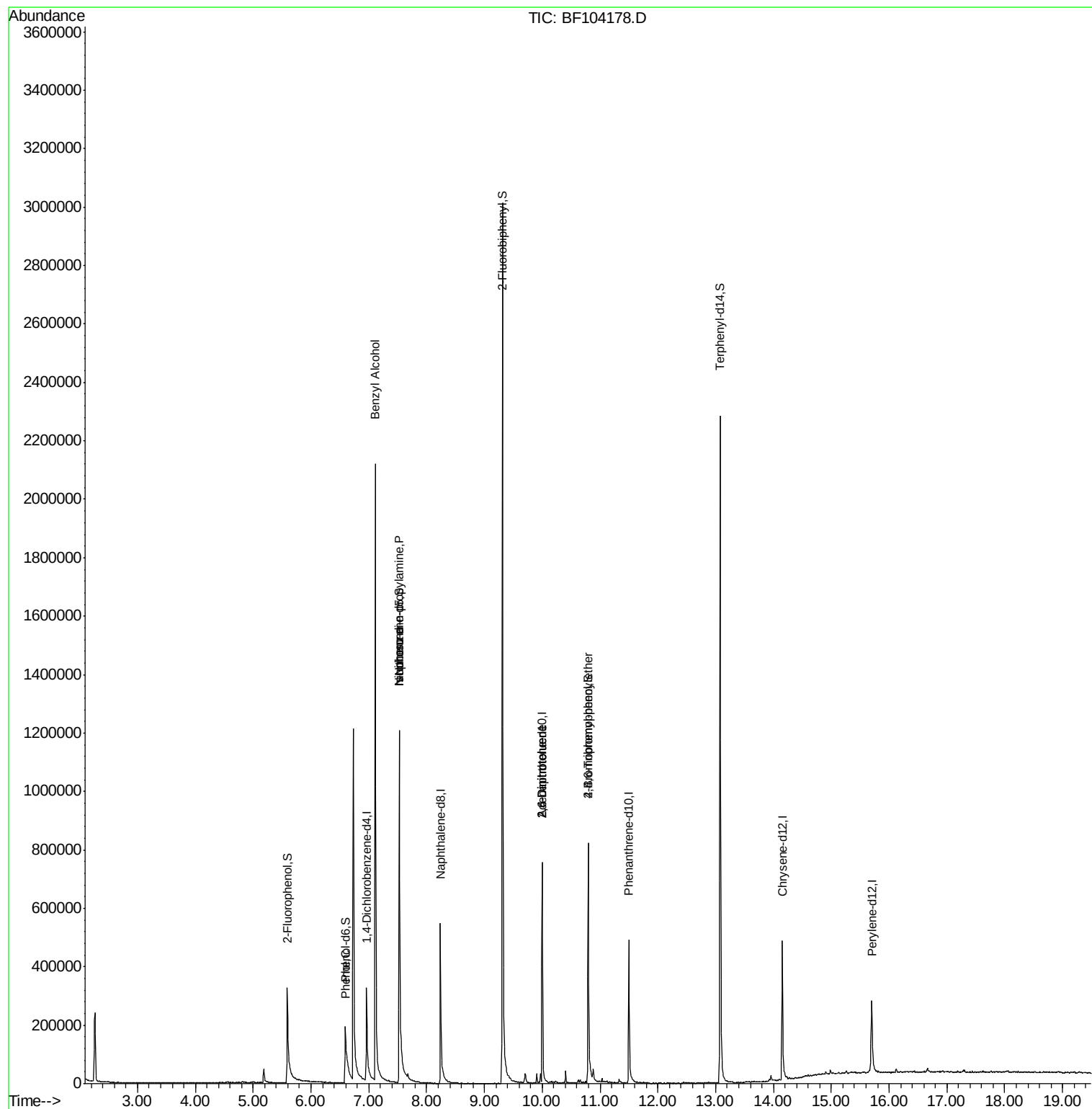
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	94352	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	395855	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	171006	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	270050	20.00	ng	0.00
75) Chrysene-d12	14.15	240	217703	20.00	ng	0.00
86) Perylene-d12	15.70	264	158761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	225541	38.12	ng	0.00
7) Phenol-d6	6.59	99	190767	26.21	ng	0.00
23) Nitrobenzene-d5	7.53	82	659508	101.89	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	153565	80.65	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1223736	112.85	ng	0.00
78) Terphenyl-d14	13.08	244	924286	98.03	ng	0.00
Target Compounds						
10) Phenol	6.61	94	20511	2.543	ng	89
15) Benzyl Alcohol	7.12	79	10116	2.137	ng	# 36
19) n-Nitroso-di-n-propylamine	7.53	70	77905	18.034	ng	# 70
25) Isophorone	7.53	82	659508	55.286	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	21270	7.323	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	21270	5.739	ng	# 23
66) 4-Bromophenyl-phenylether	10.79	248	8810	3.049	ng	# 1

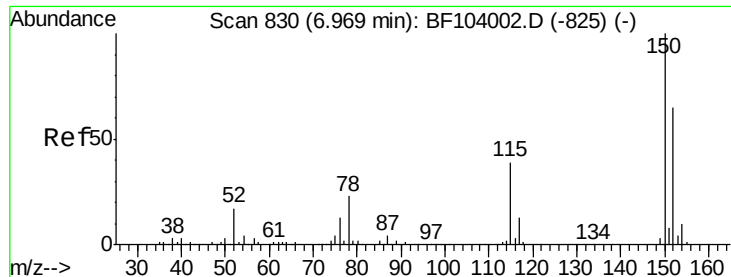
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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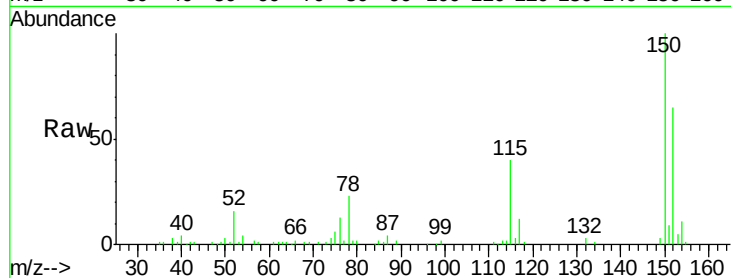


#1

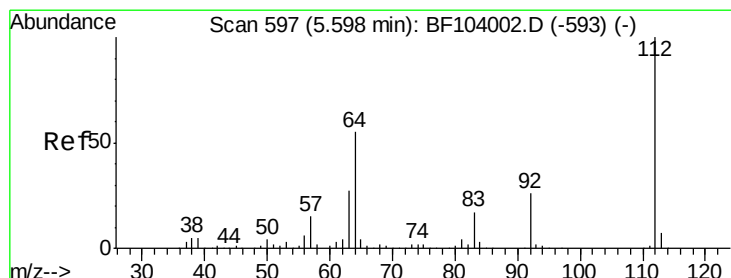
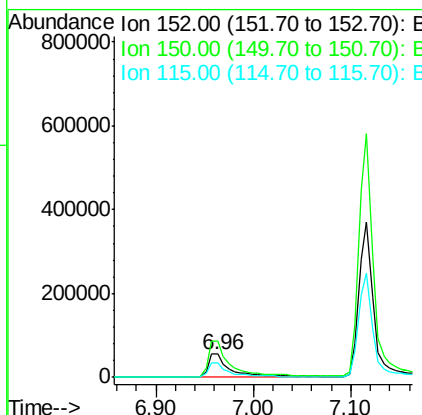
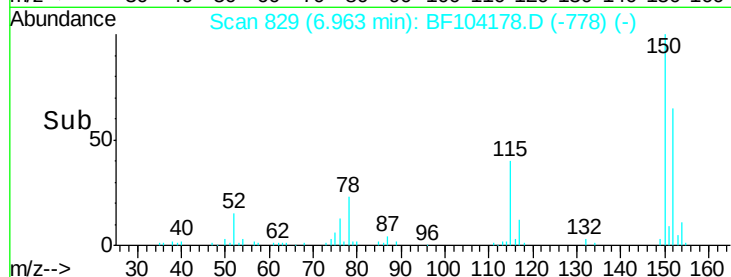
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF104178.D
 Acq: 3 Apr 2018 13:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	62.0	50.1	75.1



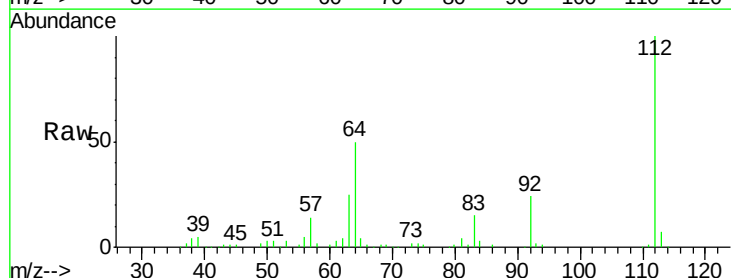
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



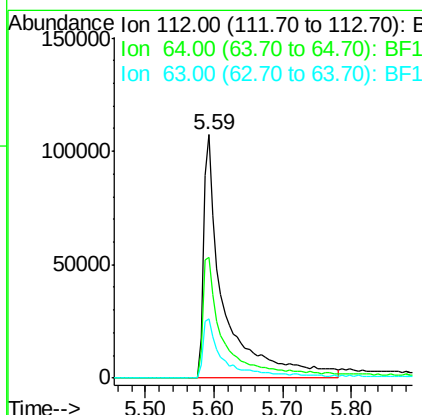
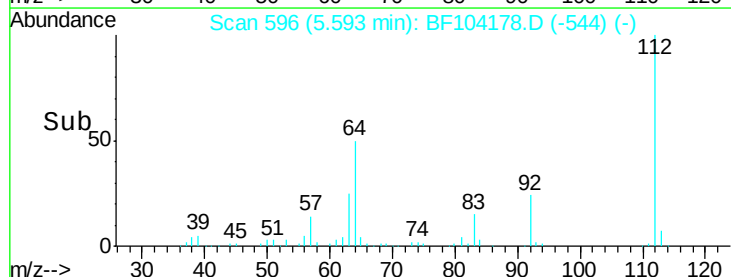
#5

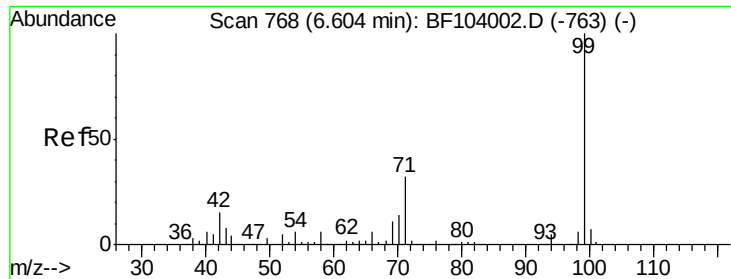
2-Fluorophenol
 Concen: 38.121 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF104178.D
 Acq: 3 Apr 2018 13:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.8	47.9	71.9
63	24.6	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: 26.208 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104178.D

Acq: 3 Apr 2018 13:30

Instrument :

BNA_F

ClientSampleId :

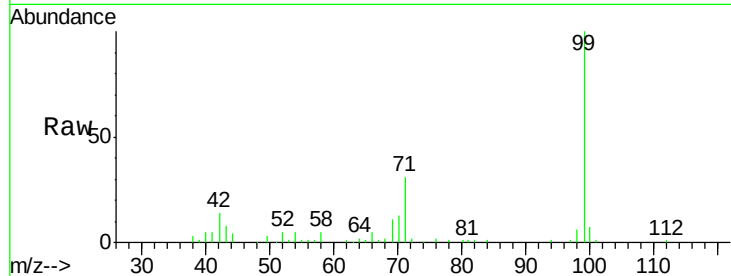
Tot Ion: 99 Resp: 190767

Ion Ratio Lower Upper

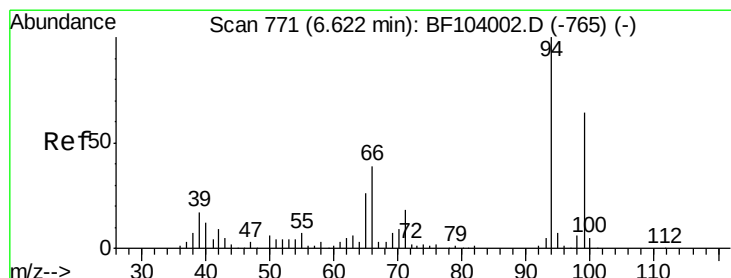
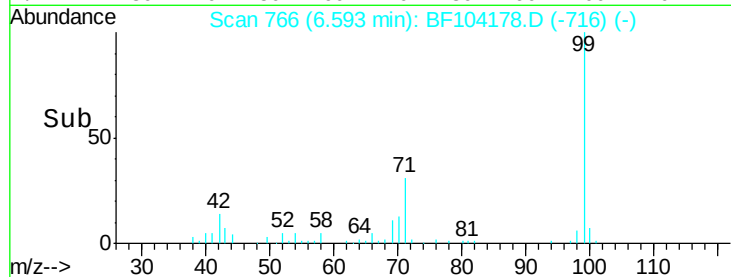
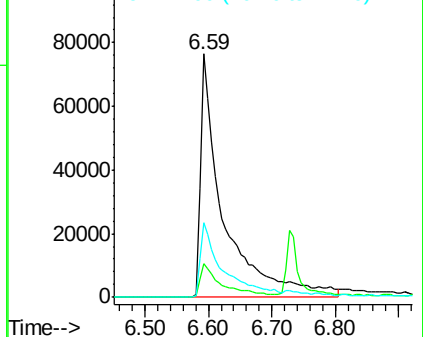
99 100

42 13.7 14.5 21.7#

71 30.8 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



#10

Phenol

Concen: 2.543 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF104178.D

Acq: 3 Apr 2018 13:30

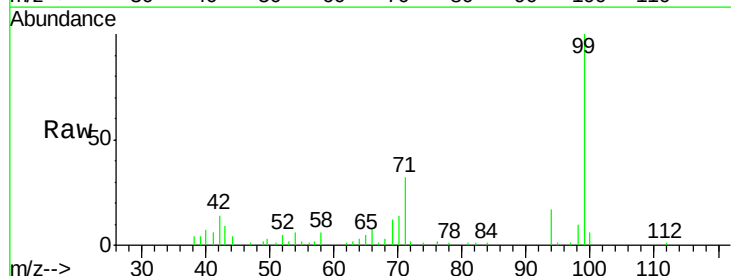
Tgt Ion: 94 Resp: 20511

Ion Ratio Lower Upper

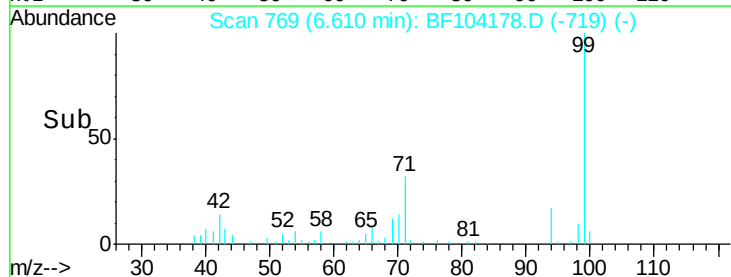
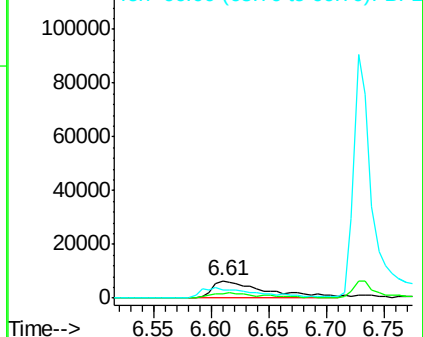
94 100

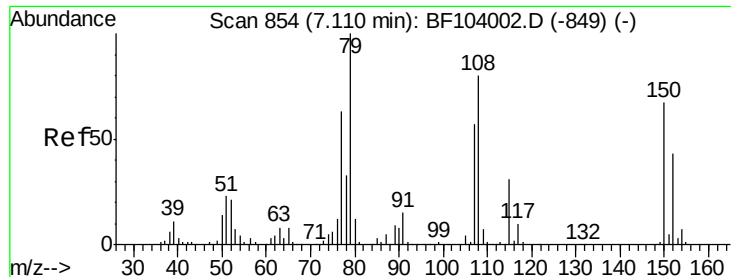
65 27.6 7.9 47.9

66 47.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

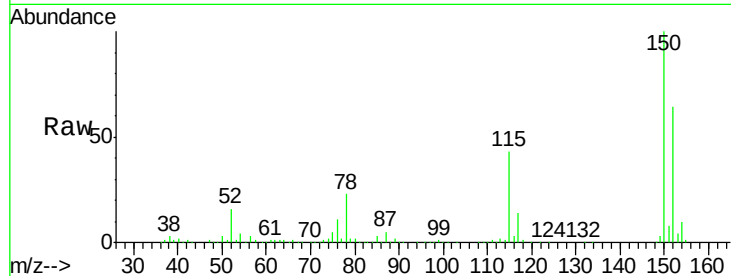




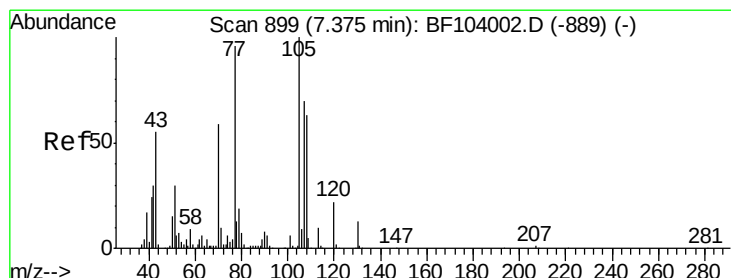
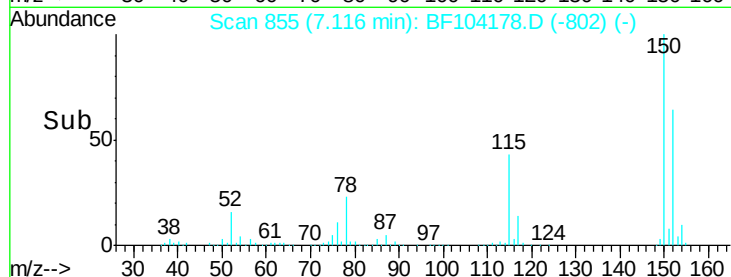
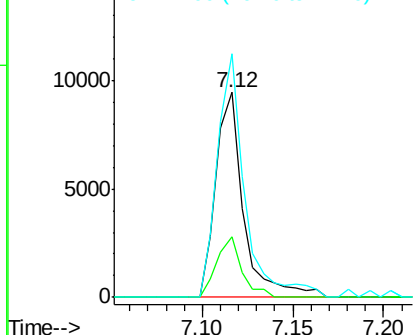
#15
Benzyl Alcohol
Concen: 2.137 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF104178.D
Acq: 3 Apr 2018 13:30

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 10116
Ion Ratio Lower Upper
79 100
108 29.8 65.1 97.7#
77 118.9 50.6 75.8#

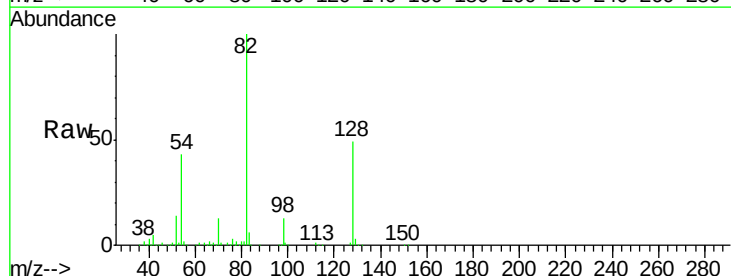


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

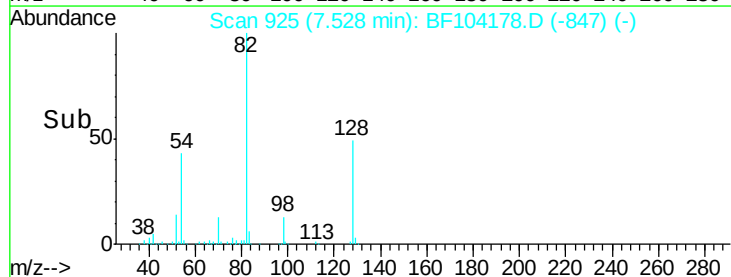
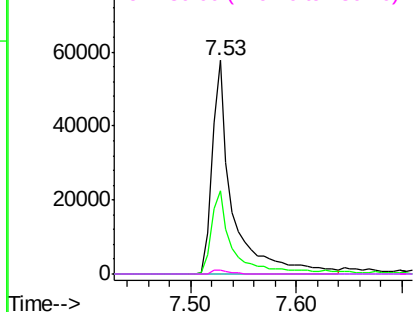


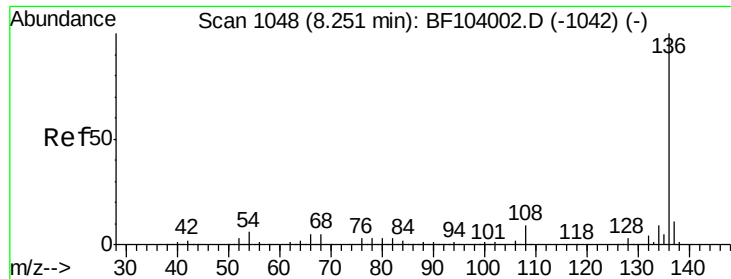
#19
n-Nitroso-di-n-propylamine
Concen: 18.034 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.16 min
Lab File: BF104178.D
Acq: 3 Apr 2018 13:30

Tgt Ion: 70 Resp: 77905
Ion Ratio Lower Upper
70 100
42 39.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 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

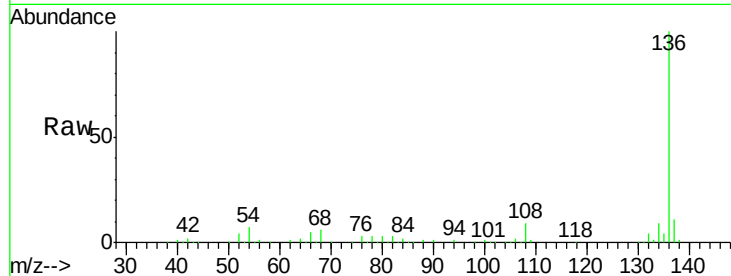




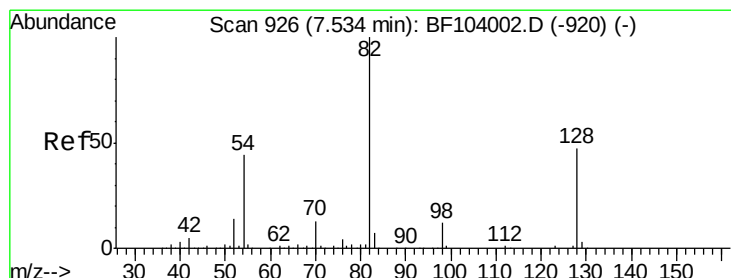
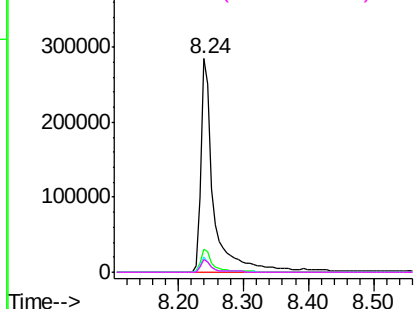
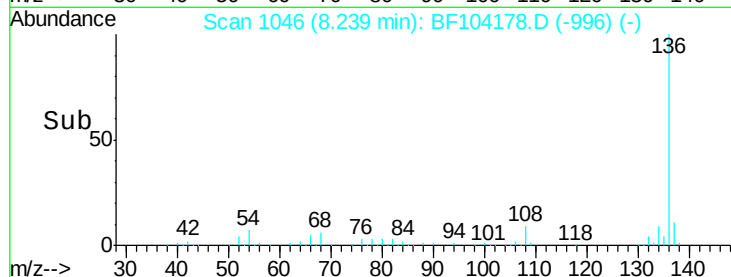
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104178.D
Acq: 3 Apr 2018 13:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	395855
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	6.6	9.8
68	6.1	5.0	7.4

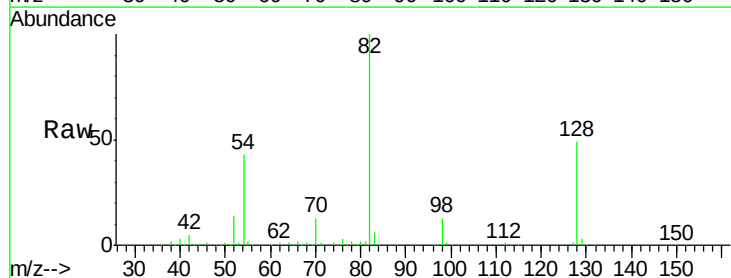


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

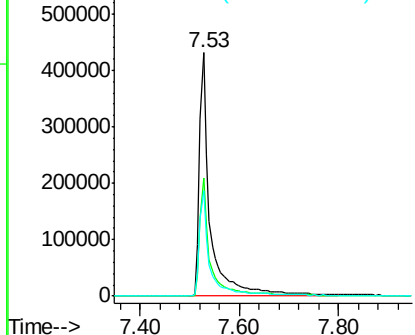
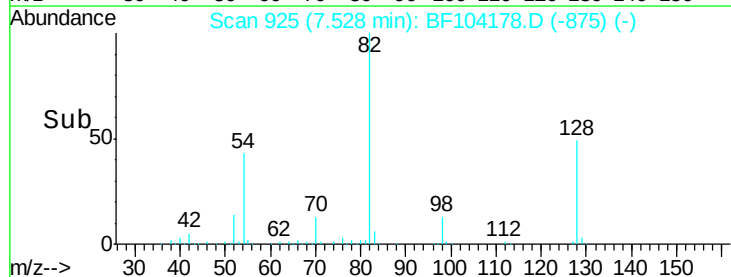


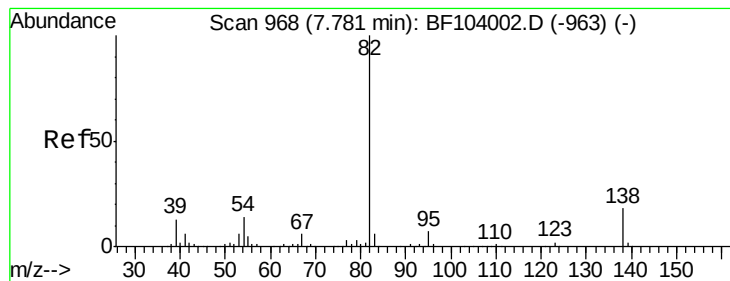
#23
Nitrobenzene-d5
Concen: 101.887 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104178.D
Acq: 3 Apr 2018 13:30

Tgt Ion:	82	Resp:	659508
Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.1	54.1
54	43.1	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: 55.286 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.25 min

Lab File: BF104178.D

Acq: 3 Apr 2018 13:30

Instrument :

BNA_F

ClientSampled :

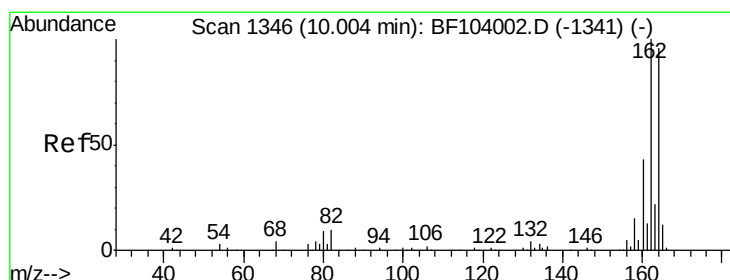
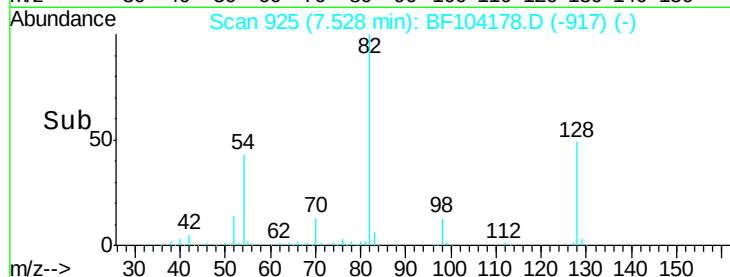
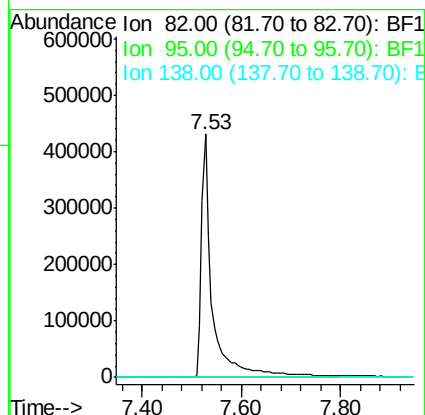
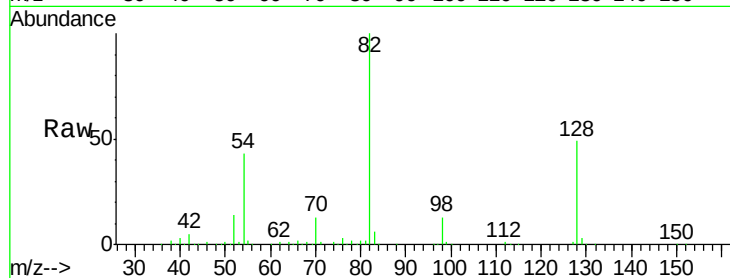
Tot Ion: 82 Resp: 659508

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF104178.D

Acq: 3 Apr 2018 13:30

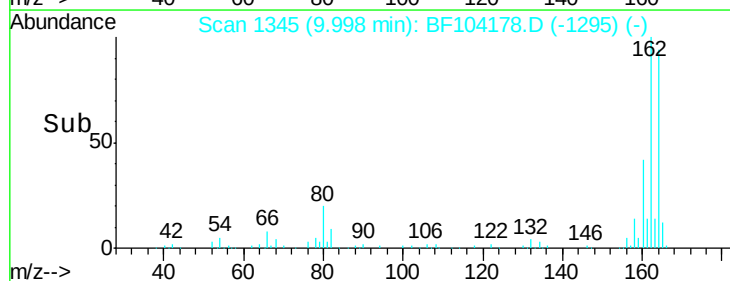
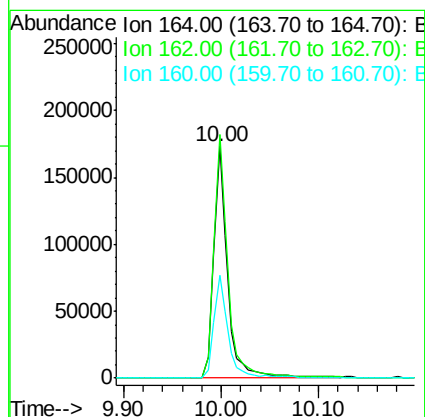
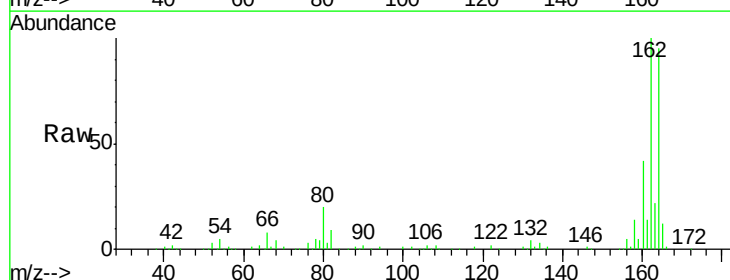
Tgt Ion: 164 Resp: 171006

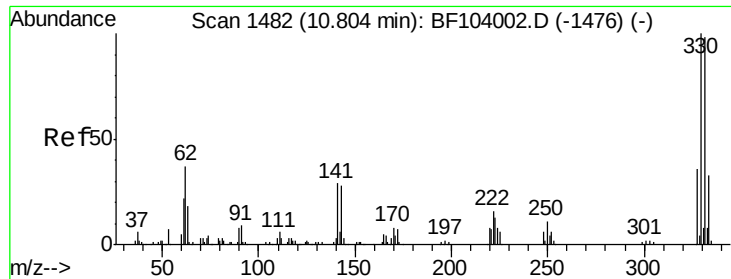
Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

160 44.4 38.3 57.5

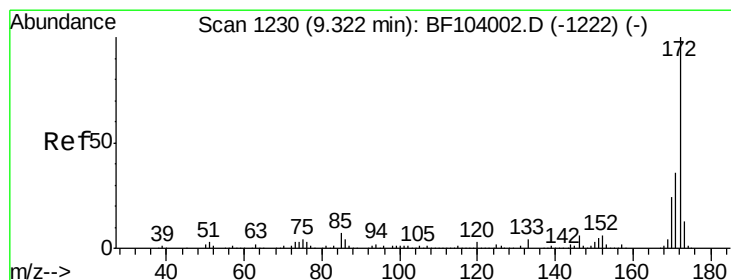
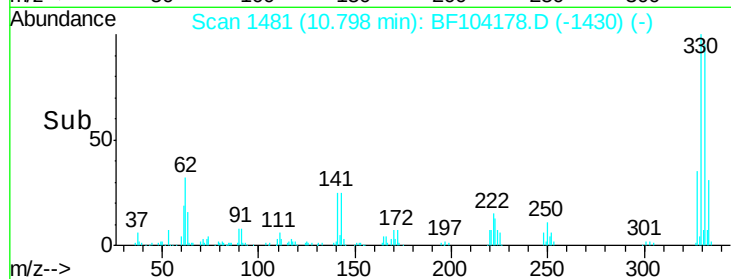
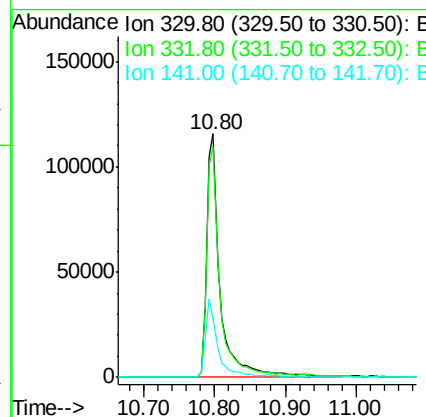
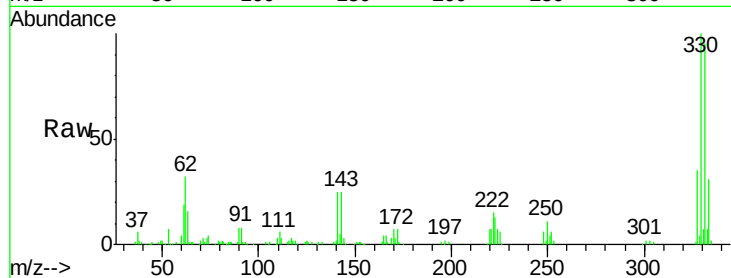




#41
 2,4,6-Tribromophenol
 Concen: 80.647 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF104178.D
 Acq: 3 Apr 2018 13:30

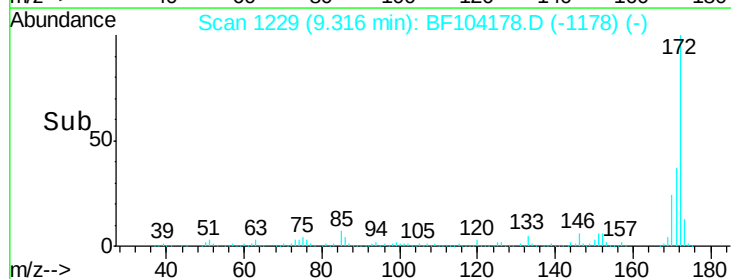
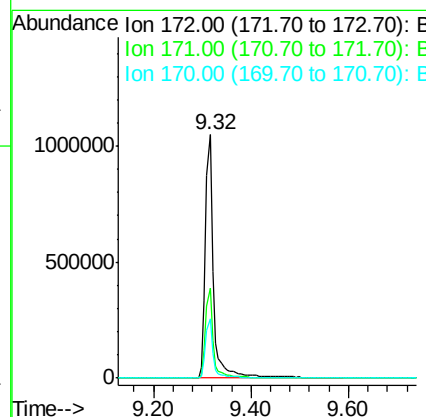
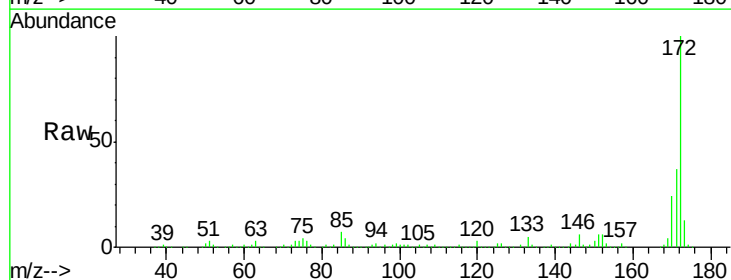
Instrument :
 BNA_F
 ClientSampleId :

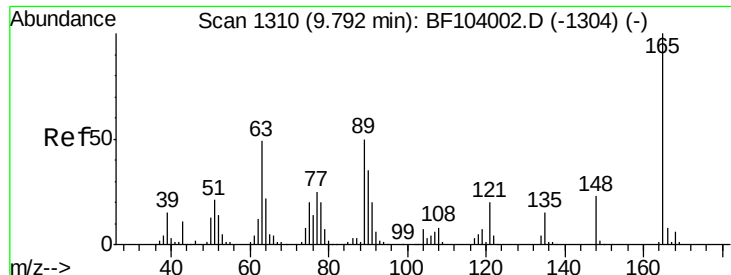
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	30.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 112.846 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF104178.D
 Acq: 3 Apr 2018 13:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.2	19.6	29.4

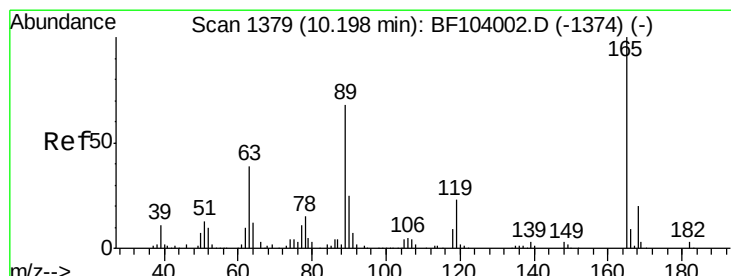
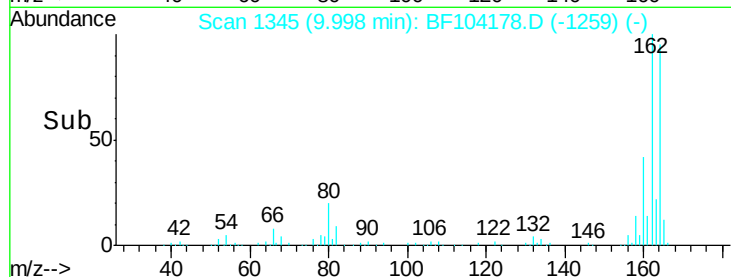
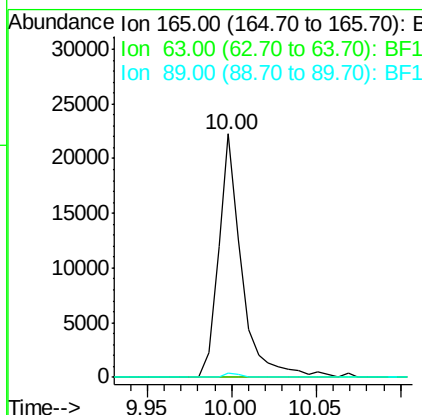
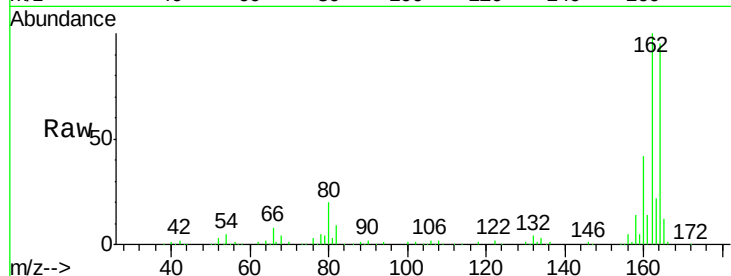




#50
 2,6-Dinitrotoluene
 Concen: 7.323 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.21 min
 Lab File: BF104178.D
 Acq: 3 Apr 2018 13:30

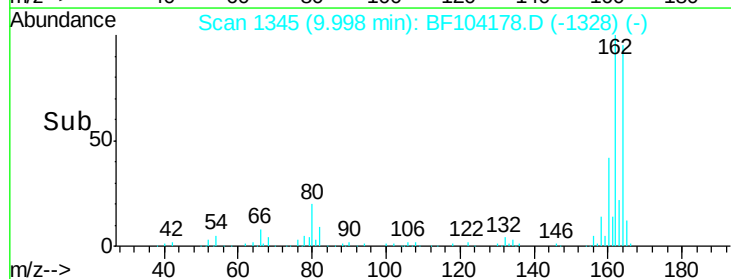
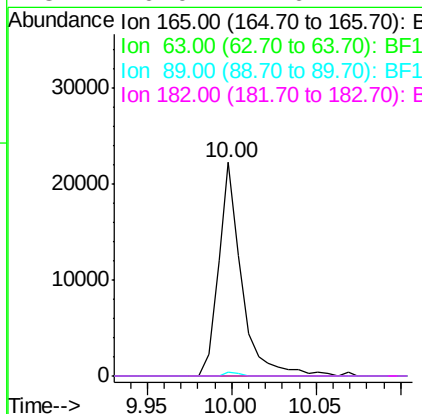
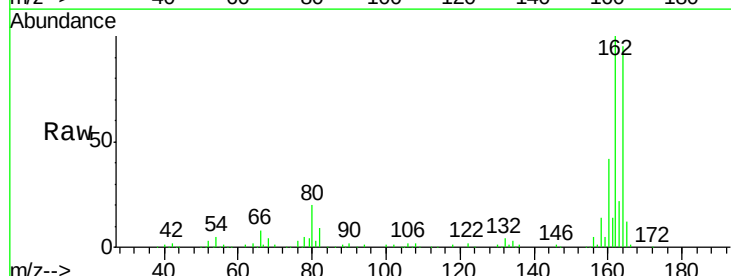
Instrument :
 BNA_F
 ClientSampleId :

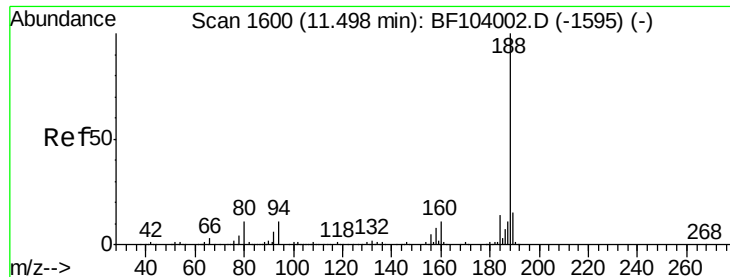
Tot Ion:165 Resp: 21270
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 1.7 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.739 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.20 min
 Lab File: BF104178.D
 Acq: 3 Apr 2018 13:30

Tgt Ion:165 Resp: 21270
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.7 57.8 86.6#
 182 0.0 1.6 2.4#

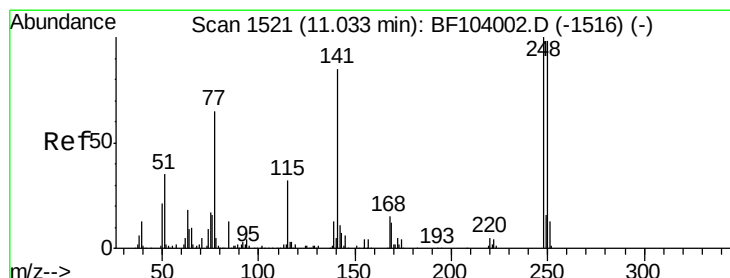
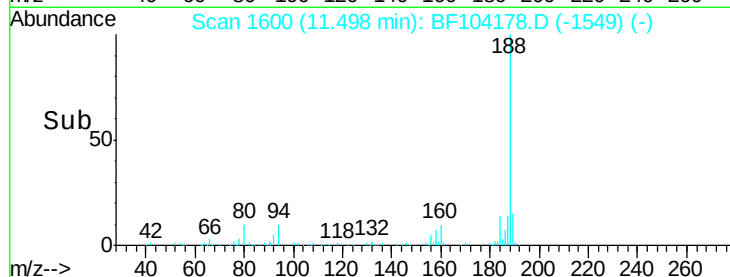
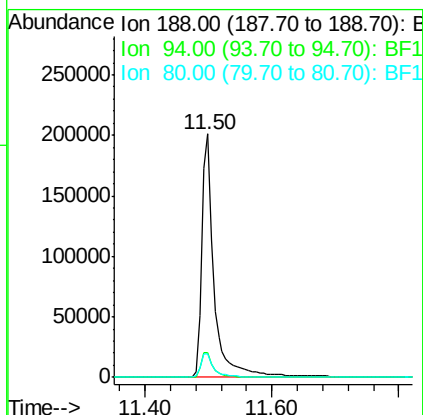
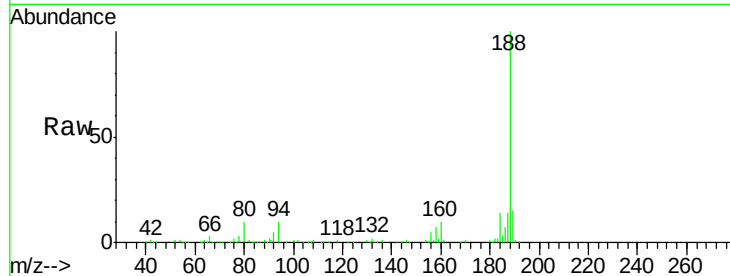




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF104178.D
Acq: 3 Apr 2018 13:30

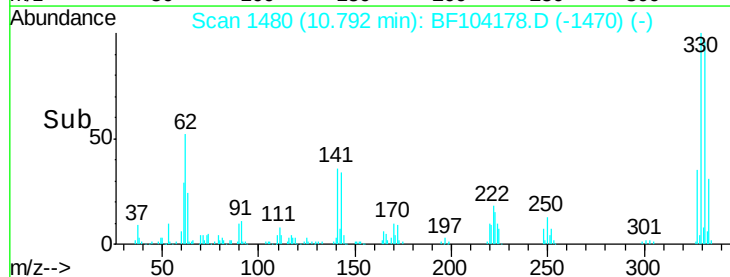
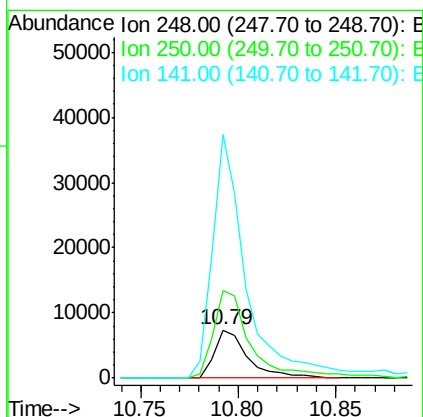
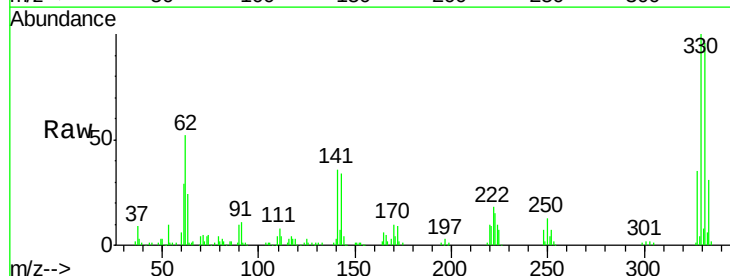
Instrument :
BNA_F
ClientSampleId :

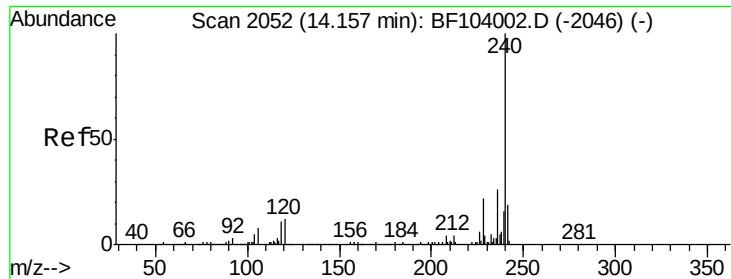
Tot Ion:188 Resp: 270050
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 9.8 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.049 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104178.D
Acq: 3 Apr 2018 13:30

Tgt Ion:248 Resp: 8810
Ion Ratio Lower Upper
248 100
250 182.4 76.9 115.3#
141 508.1 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: BF104178.D

Acq: 3 Apr 2018 13:30

Instrument :

BNA_F

ClientSampleId :

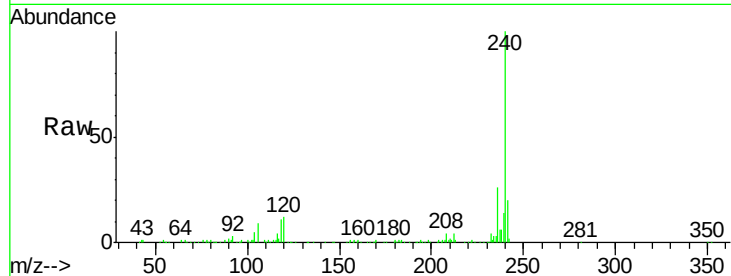
Tot Ion:240 Resp: 217703

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

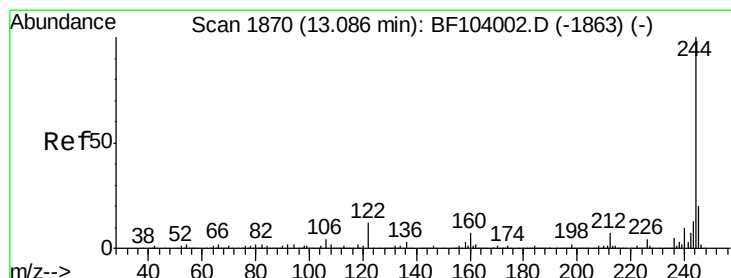
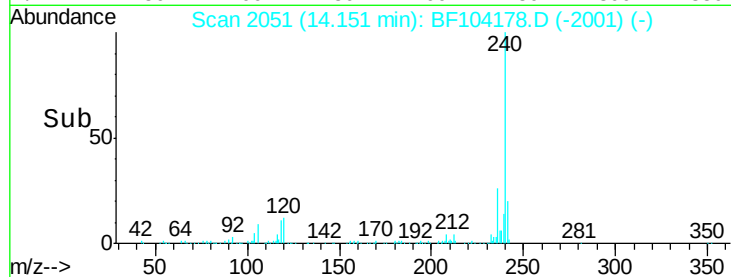
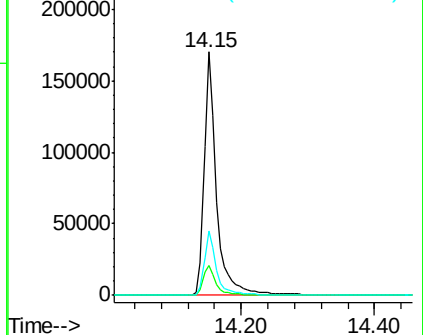
236 26.5 20.7 31.1



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: 98.030 ng

RT: 13.08 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BF104178.D

Acq: 3 Apr 2018 13:30

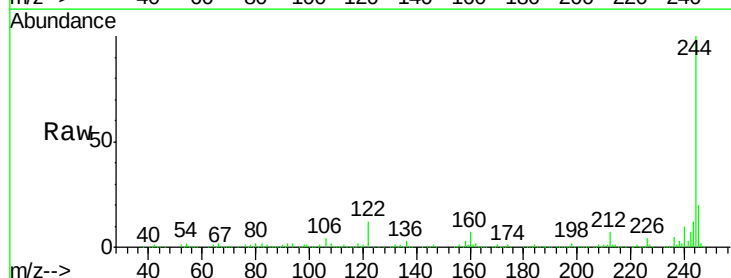
Tgt Ion:244 Resp: 924286

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

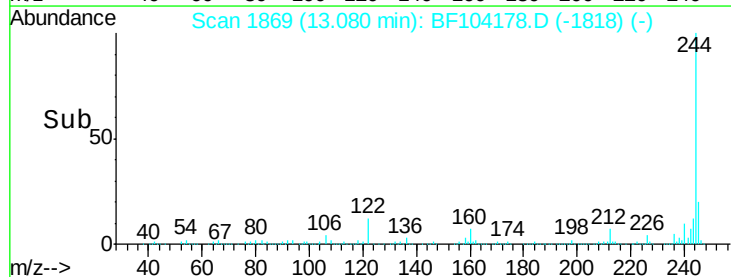
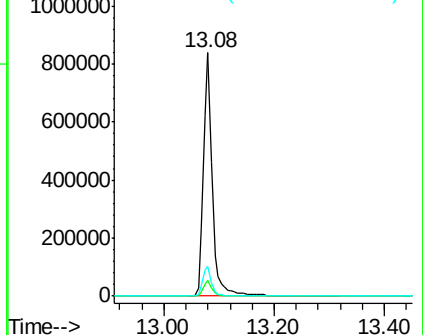
122 12.1 11.0 16.4

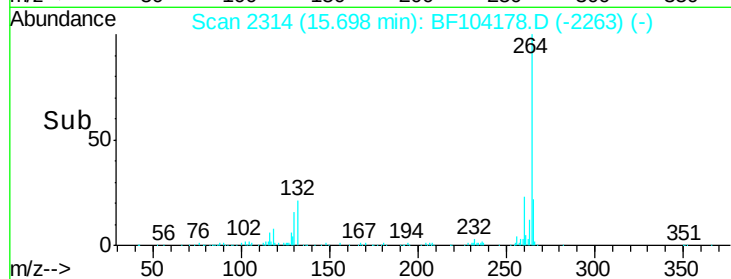
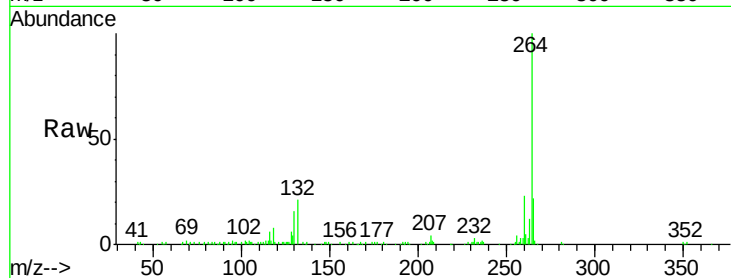
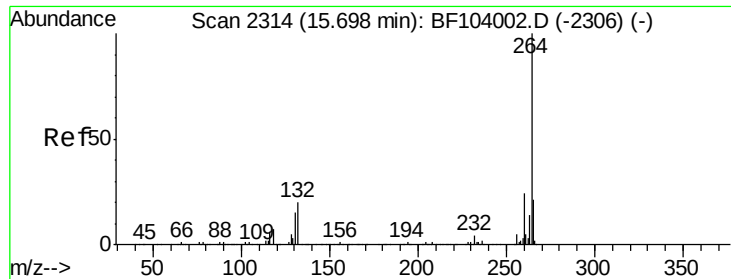


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.70 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BF104178.D
Acq: 3 Apr 2018 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	17.5	26.3

