

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104262.D
 Acq On : 5 Apr 2018 8:30
 Operator : JU/SJ
 Sample : J2179-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 10:48:59 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

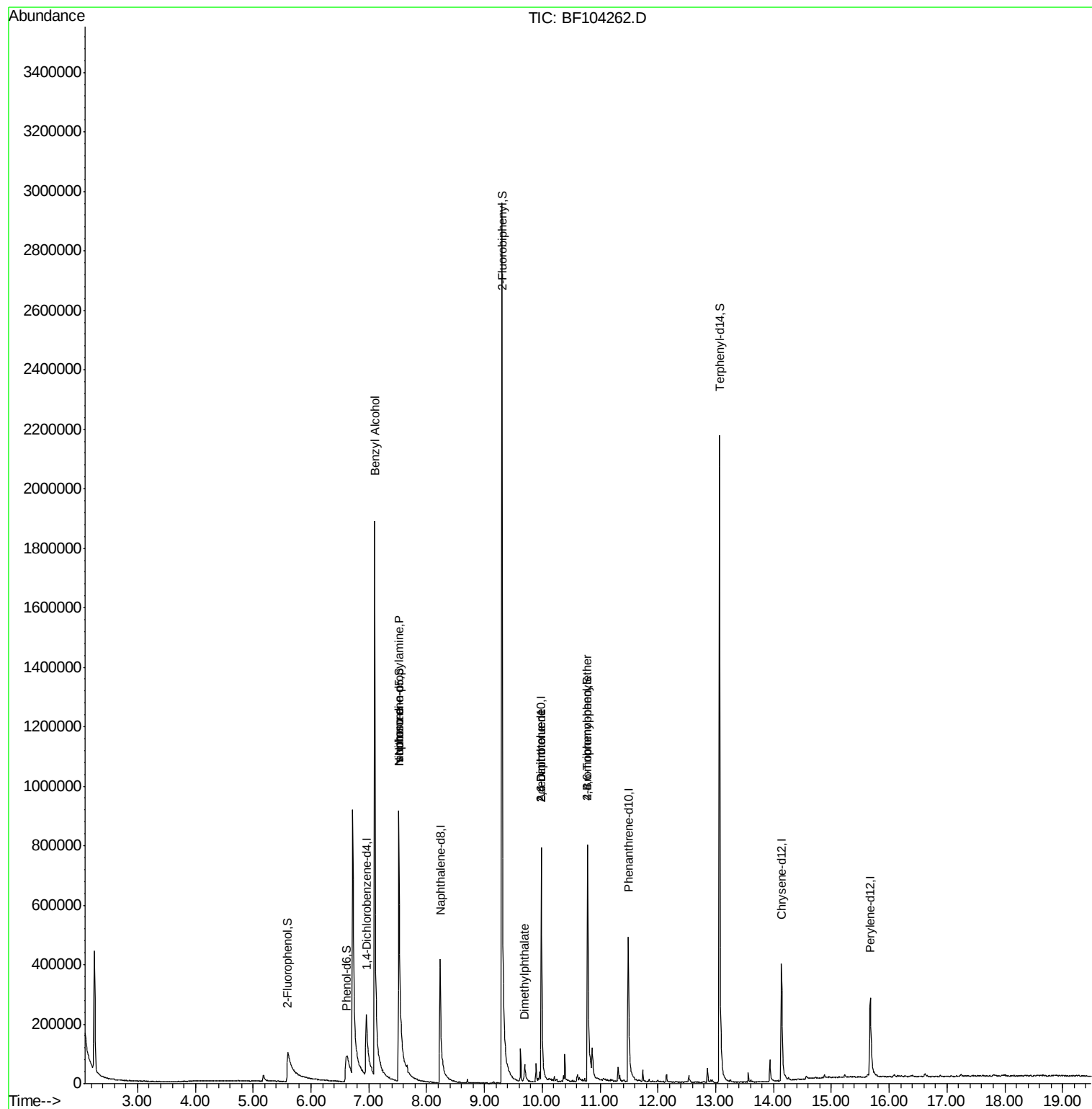
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	112036	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	485191	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	214144	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	340240	20.00	ng	0.00
75) Chrysene-d12	14.14	240	226053	20.00	ng	0.00
86) Perylene-d12	15.67	264	210066	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	167770	23.88	ng	0.00
7) Phenol-d6	6.61	99	222149	25.70	ng	0.00
23) Nitrobenzene-d5	7.52	82	779951	98.31	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	191861	80.46	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1464321	107.83	ng	0.00
78) Terphenyl-d14	13.07	244	1044823	106.72	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	12189	2.169	ng	# 47
19) n-Nitroso-di-n-propylamine	7.52	70	88516	17.257	ng	# 72
25) Isophorone	7.52	82	795197	54.387	ng	# 64
49) Dimethylphthalate	9.70	163	44789	2.649	ng	# 98
50) 2,6-Dinitrotoluene	9.99	165	25826	7.100	ng	# 25
56) 2,4-Dinitrotoluene	9.99	165	26789	5.772	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	10845	2.979	ng	# 1

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

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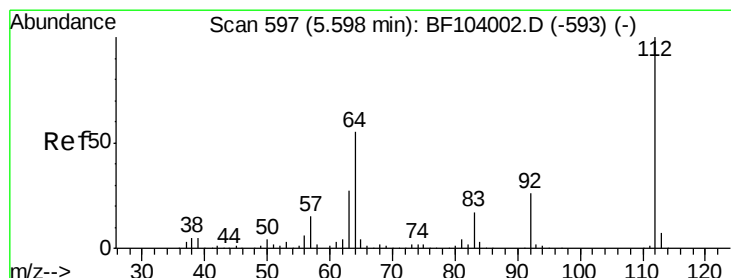
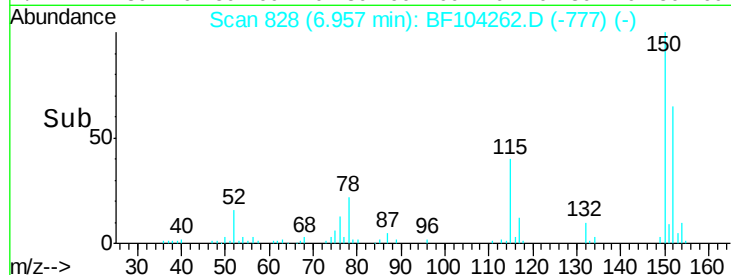
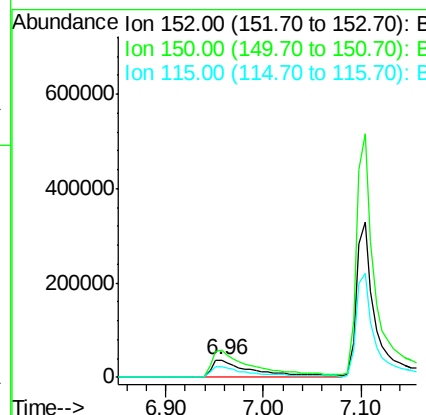
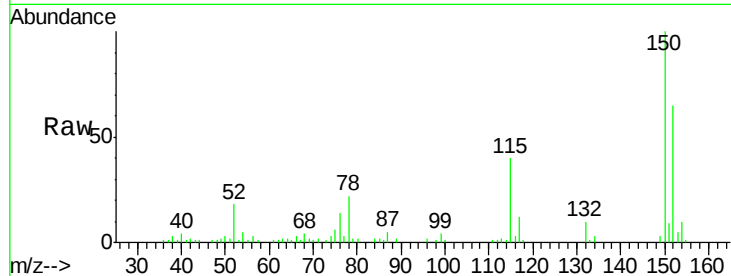


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF104262.D
 Acq: 5 Apr 2018 8:30

Instrument :
 BNA_F
 ClientSampleId :

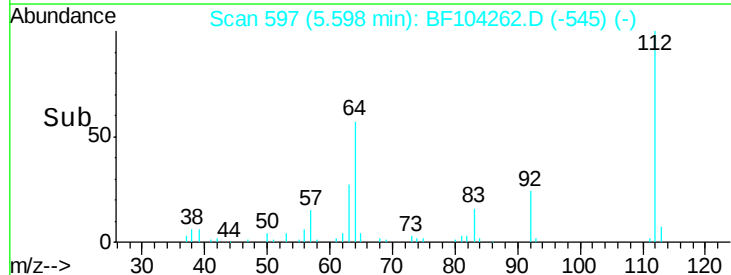
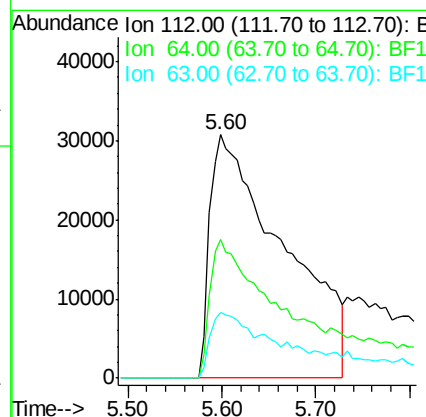
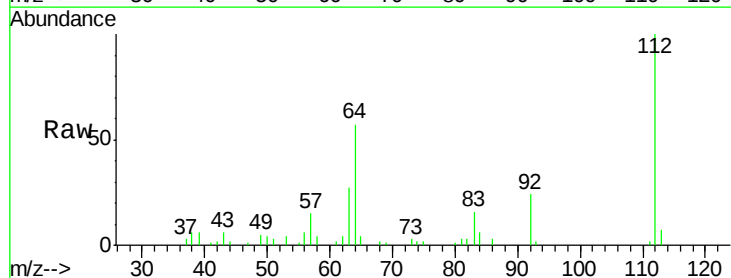
Tot Ion:152 Resp: 112036
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.6 186.8
 115 61.7 50.1 75.1



#5

2-Fluorophenol
 Concen: 23.881 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: BF104262.D
 Acq: 5 Apr 2018 8:30

Tgt Ion:112 Resp: 167770
 Ion Ratio Lower Upper
 112 100
 64 57.2 47.9 71.9
 63 26.9 23.7 35.5





#7

Phenol-d6

Concen: 25.702 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF104262.D

Acq: 5 Apr 2018 8:30

Instrument :

BNA_F

ClientSampled :

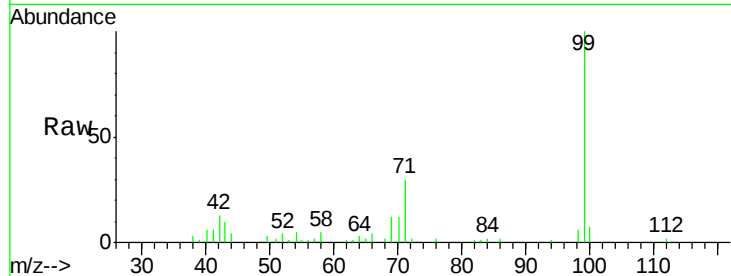
Tot Ion: 99 Resp: 222149

Ion Ratio Lower Upper

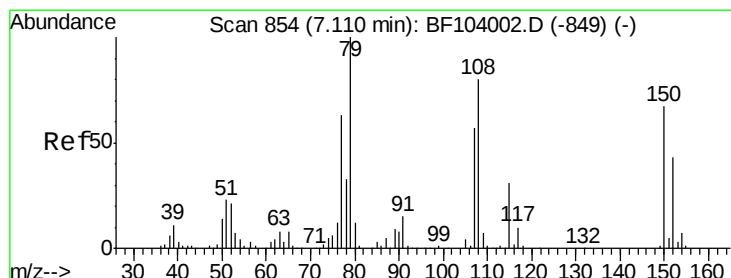
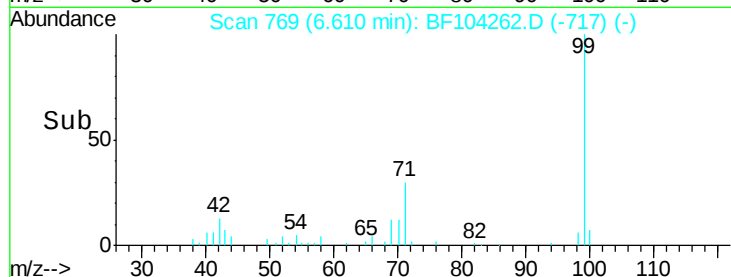
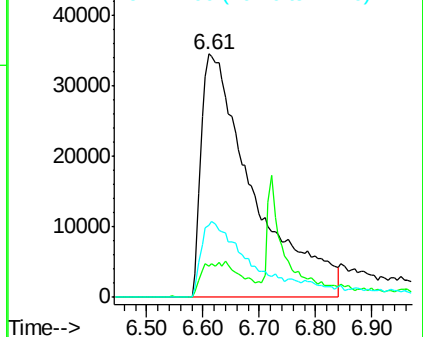
99 100

42 12.9 14.5 21.7#

71 29.8 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



#15

Benzyl Alcohol

Concen: 2.169 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF104262.D

Acq: 5 Apr 2018 8:30

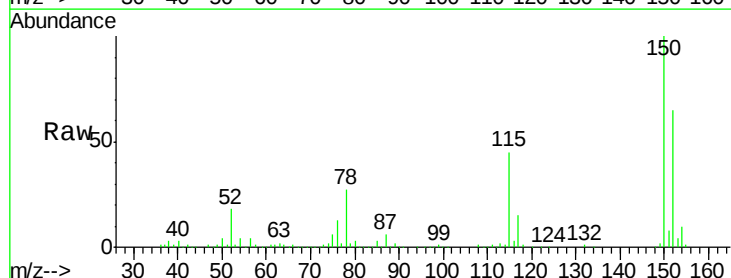
Tgt Ion: 79 Resp: 12189

Ion Ratio Lower Upper

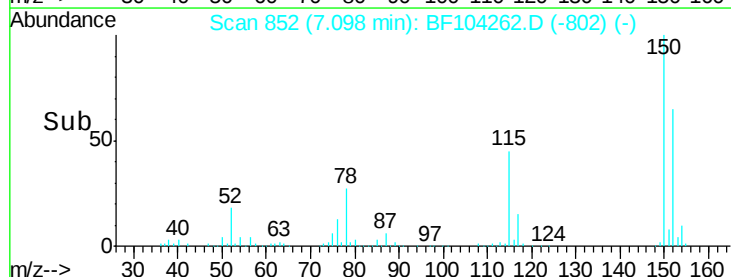
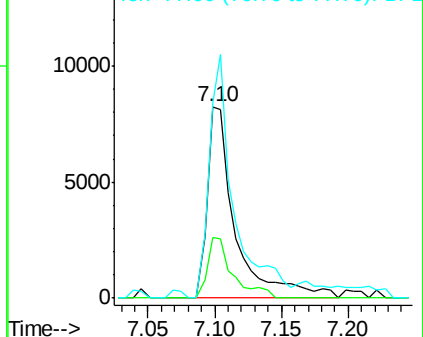
79 100

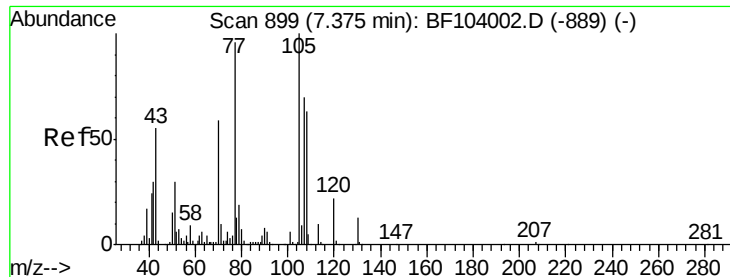
108 31.3 65.1 97.7#

77 102.0 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

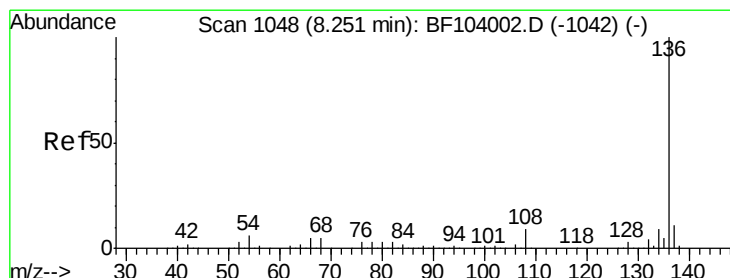
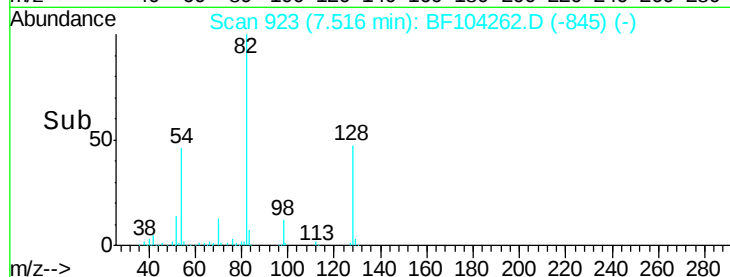
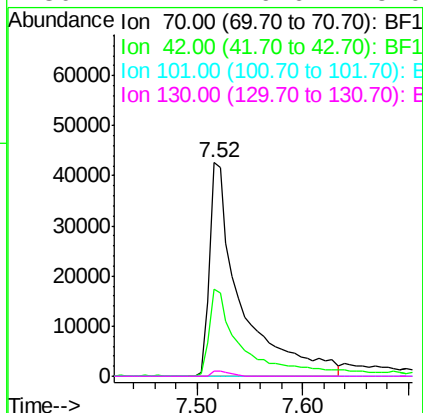
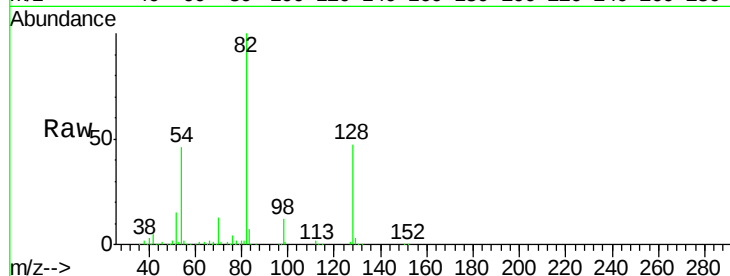




#19
n-Nitroso-di-n-propylamine
Concen: 17.257 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104262.D
Acq: 5 Apr 2018 8:30

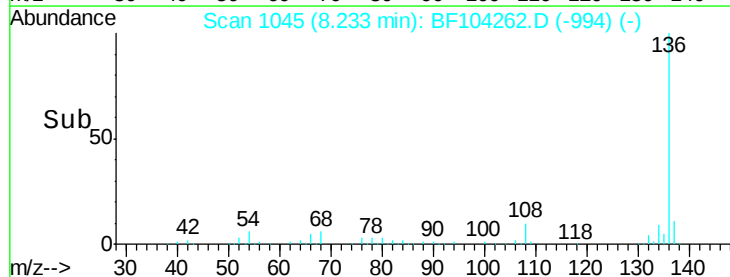
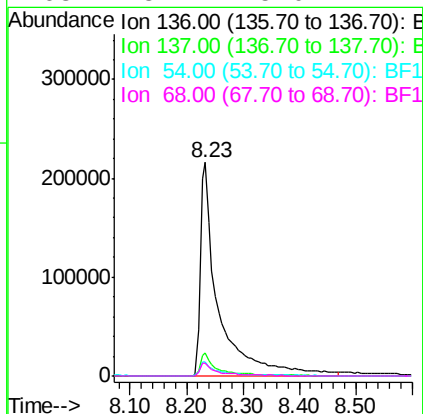
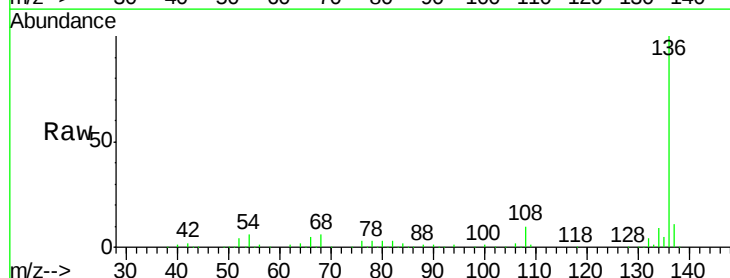
Instrument :
BNA_F
ClientSampleId :

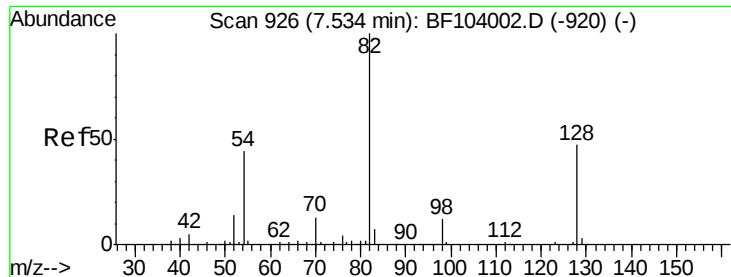
Tot Ion: 70 Resp: 88516
Ion Ratio Lower Upper
70 100
42 40.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF104262.D
Acq: 5 Apr 2018 8:30

Tgt Ion:136 Resp: 485191
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.5 6.6 9.8#
68 5.7 5.0 7.4

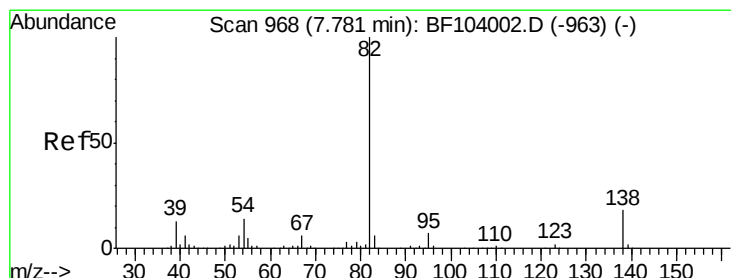
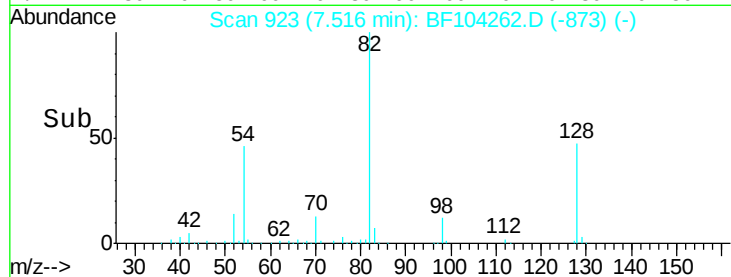
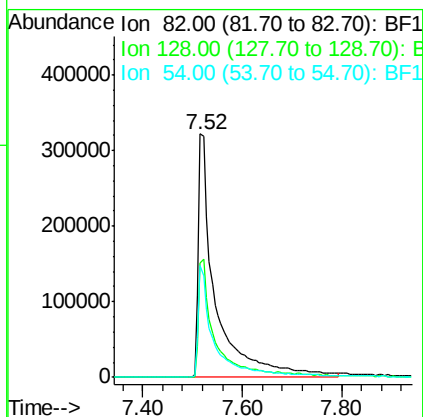
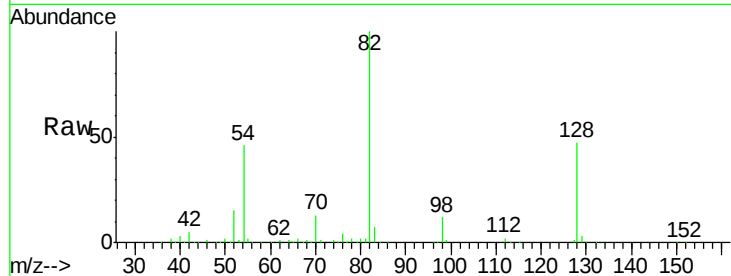




#23
Nitrobenzene-d5
Concen: 98.308 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104262.D
Acq: 5 Apr 2018 8:30

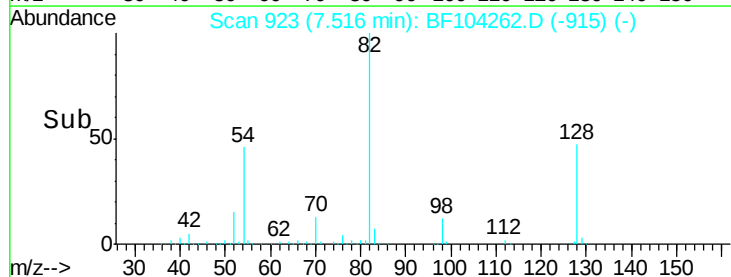
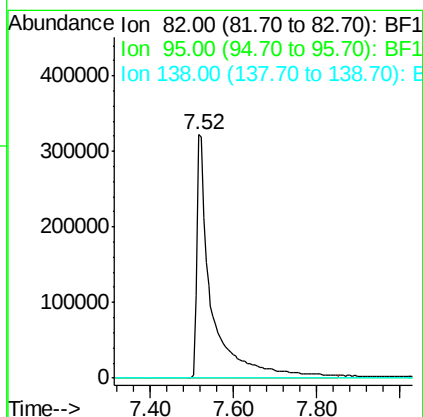
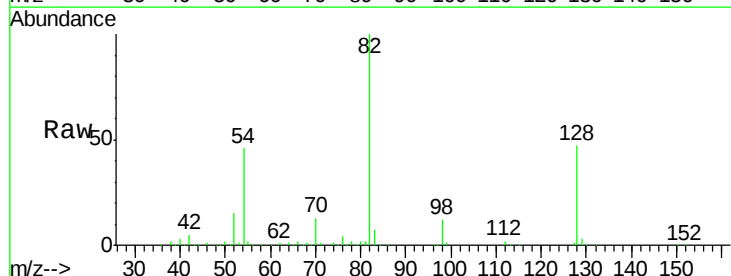
Instrument :
BNA_F
ClientSampleId :

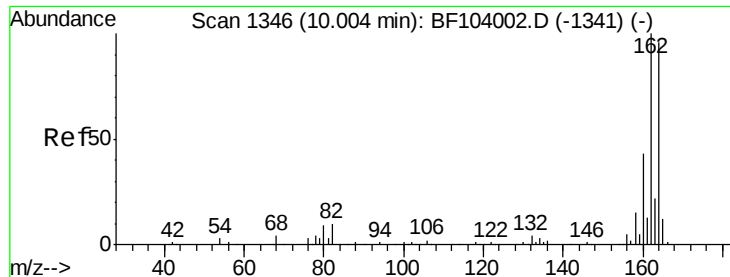
Tot Ion: 82 Resp: 779951
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 45.8 41.4 62.2



#25
Isophorone
Concen: 54.387 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF104262.D
Acq: 5 Apr 2018 8:30

Tgt Ion: 82 Resp: 795197
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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF104262.D

Acq: 5 Apr 2018 8:30

Instrument :

BNA_F

ClientSampleId :

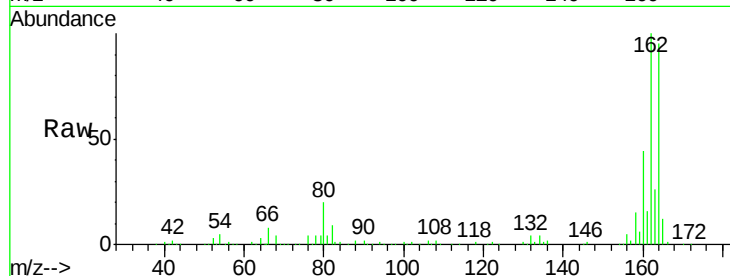
Tot Ion:164 Resp: 214144

Ion Ratio Lower Upper

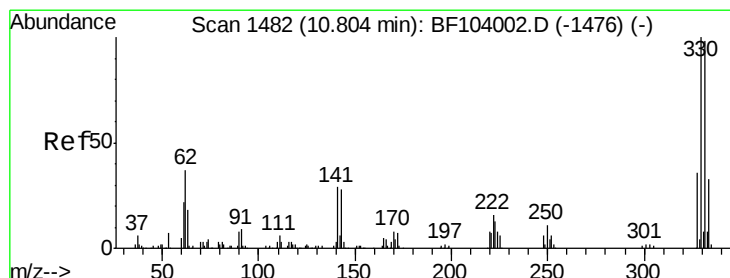
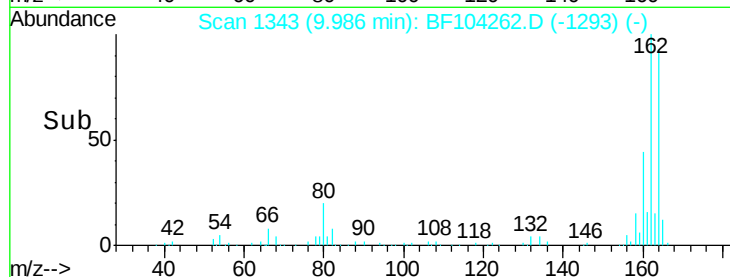
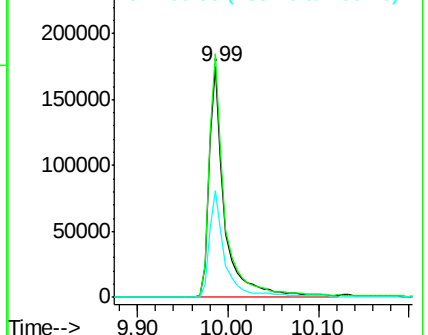
164 100

162 105.8 86.1 129.1

160 46.1 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: 80.462 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF104262.D

Acq: 5 Apr 2018 8:30

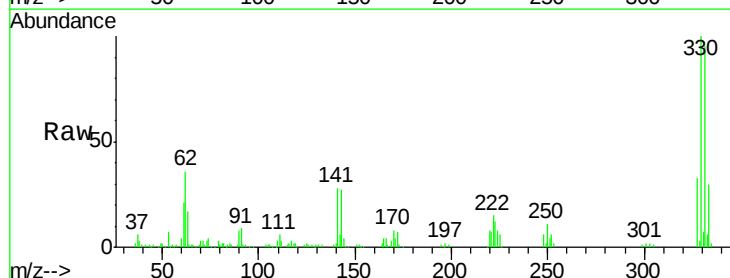
Tgt Ion:330 Resp: 191861

Ion Ratio Lower Upper

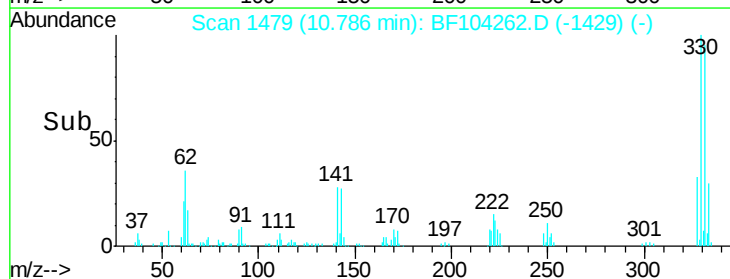
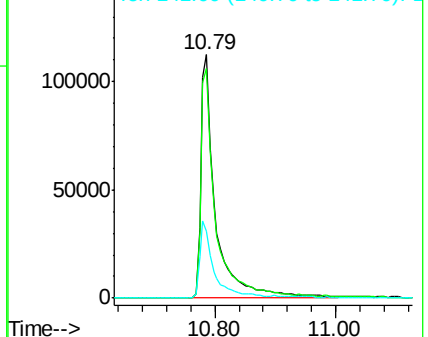
330 100

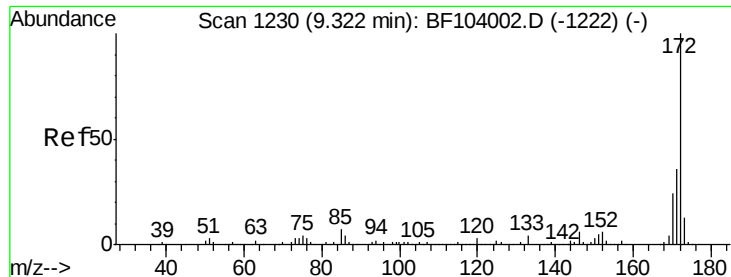
332 95.7 77.0 115.6

141 31.1 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

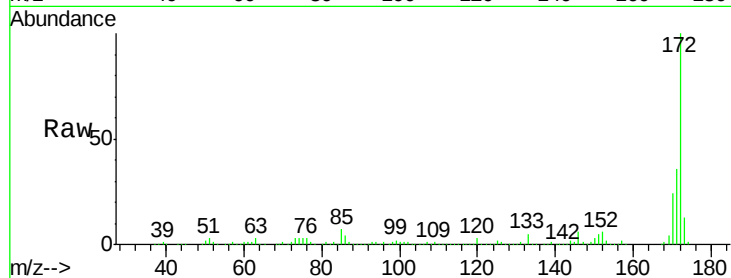




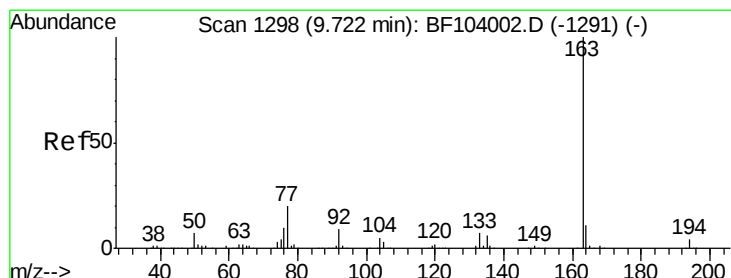
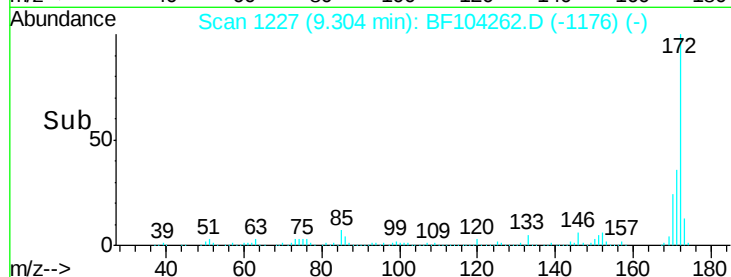
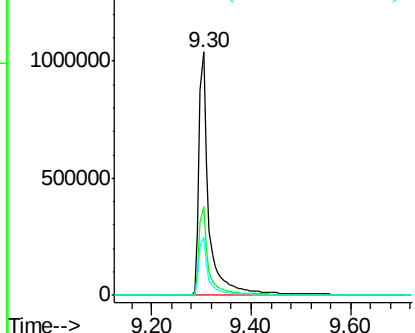
#44
2-Fluorobiphenyl
Concen: 107.830 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF104262.D
Acq: 5 Apr 2018 8:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1464321
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.6 19.6 29.4

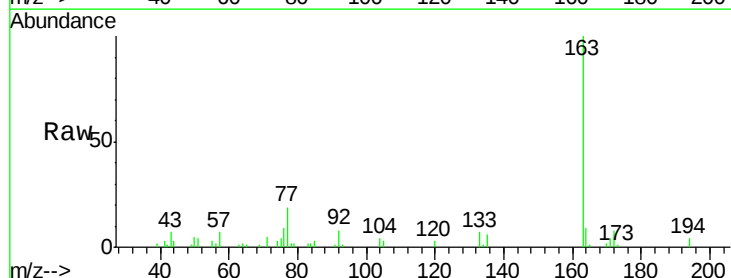


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

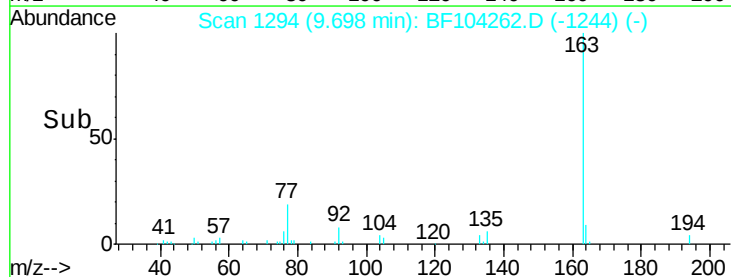
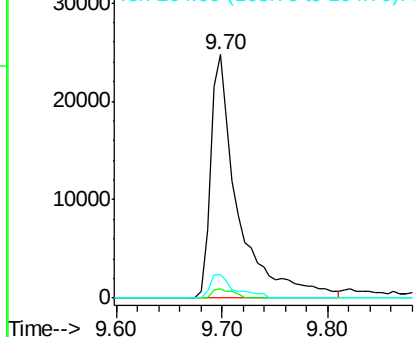


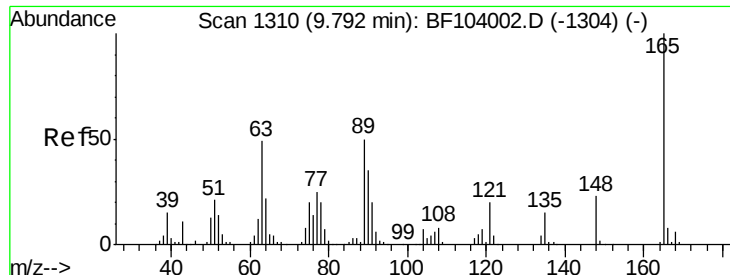
#49
Dimethylphthalate
Concen: 2.649 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104262.D
Acq: 5 Apr 2018 8:30

Tgt Ion:163 Resp: 44789
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.4 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

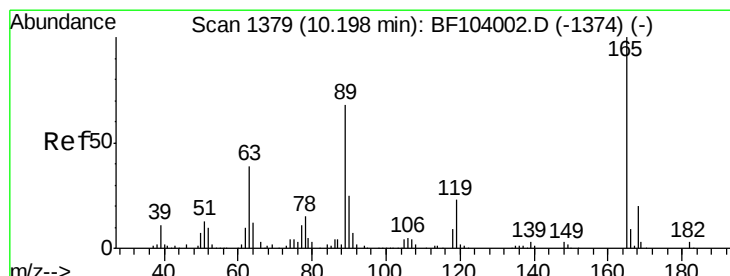
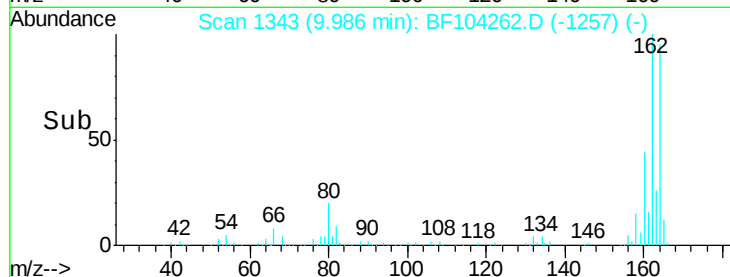
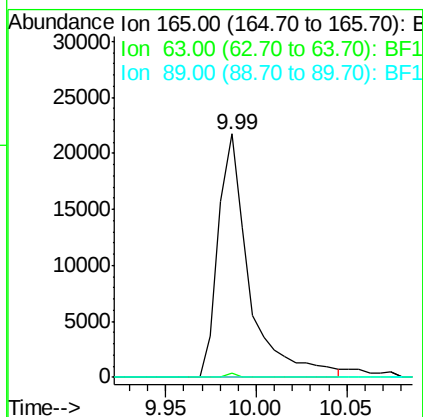
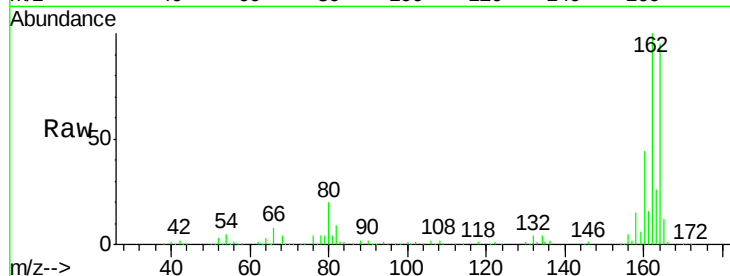




#50
 2,6-Dinitrotoluene
 Concen: 7.100 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF104262.D
 Acq: 5 Apr 2018 8:30

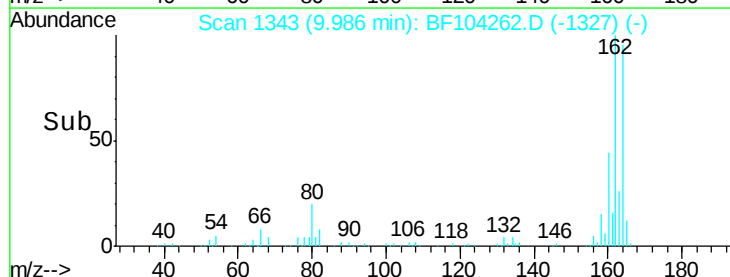
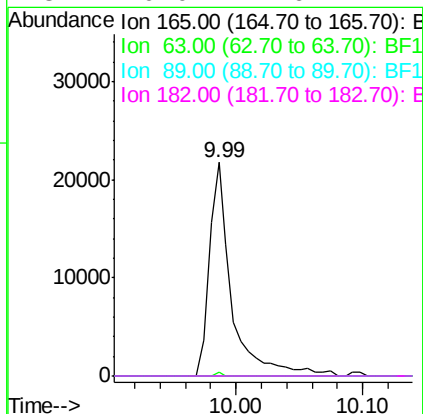
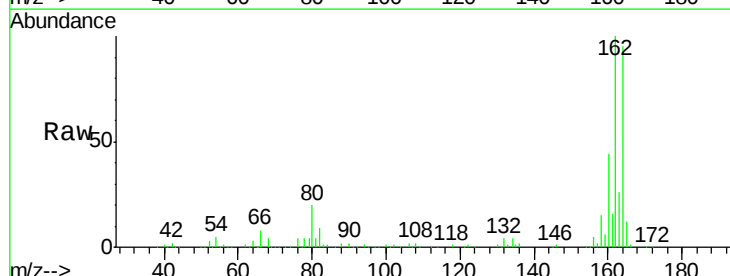
Instrument :
 BNA_F
 ClientSampled :

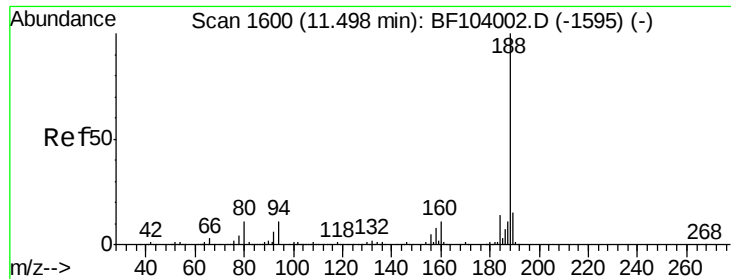
Tot Ion:	165	Resp:	25826
Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.772 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104262.D
 Acq: 5 Apr 2018 8:30

Tgt Ion:	165	Resp:	26789
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

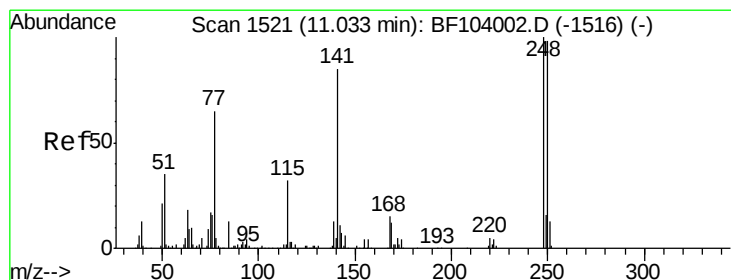
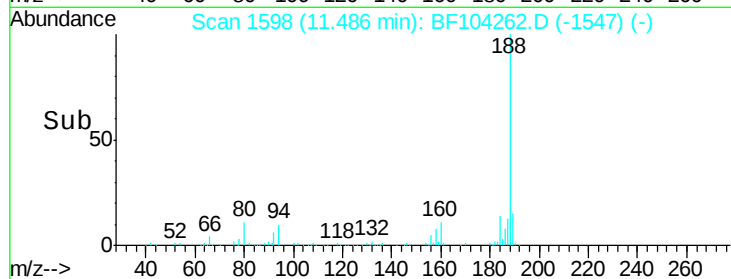
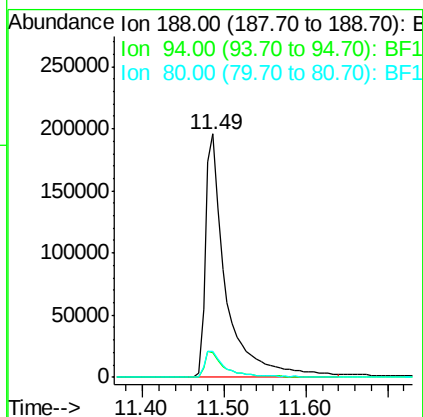
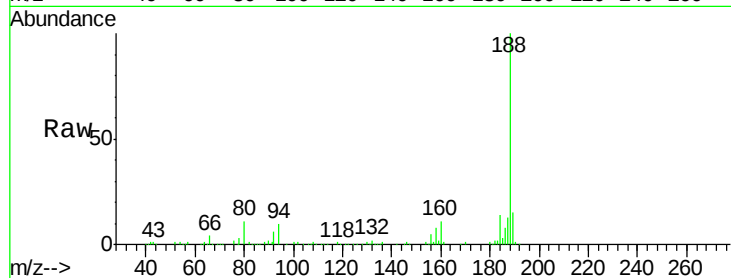




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104262.D
Acq: 5 Apr 2018 8:30

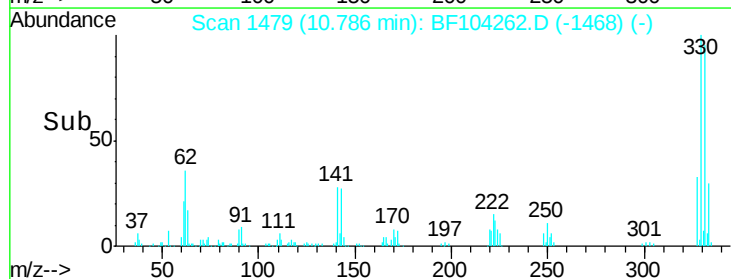
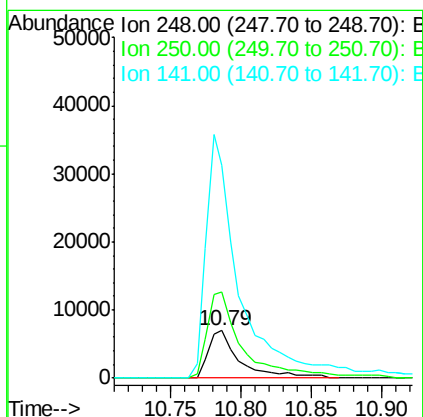
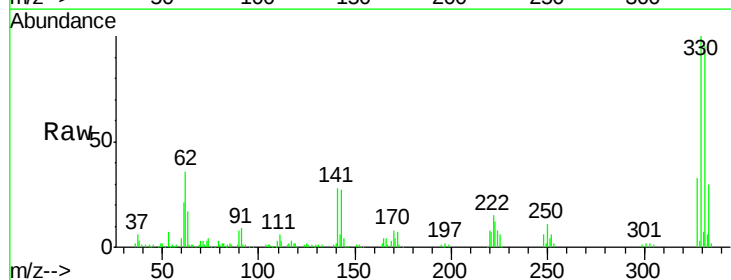
Instrument :
BNA_F
ClientSampled :

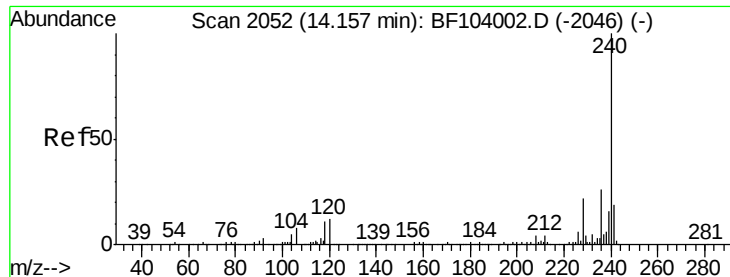
Tot Ion:188 Resp: 340240
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.8 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.979 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF104262.D
Acq: 5 Apr 2018 8:30

Tgt Ion:248 Resp: 10845
Ion Ratio Lower Upper
248 100
250 182.2 76.9 115.3#
141 449.2 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: BF104262.D

Acq: 5 Apr 2018 8:30

Instrument :

BNA_F

ClientSampleId :

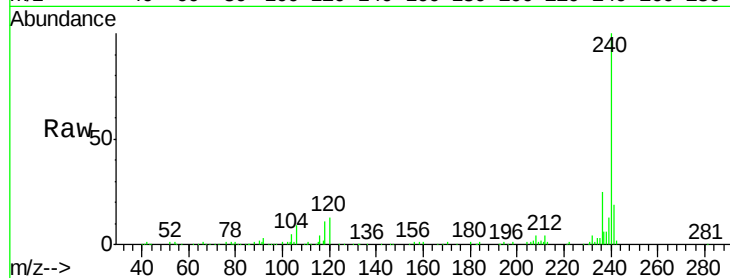
Tot Ion:240 Resp: 226053

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

236 25.0 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

14.14

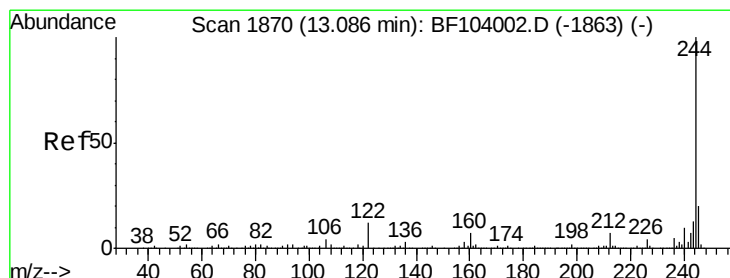
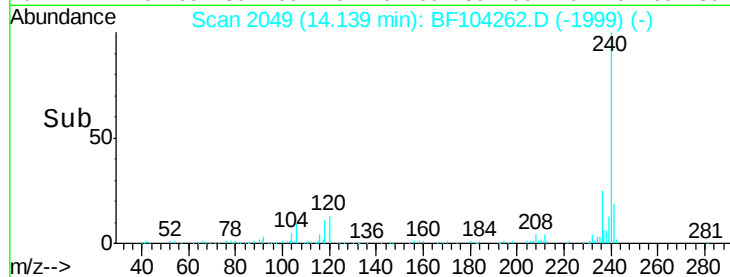
150000

100000

50000

0

Time-->



#78

Terphenyl-d14

Concen: 106.720 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF104262.D

Acq: 5 Apr 2018 8:30

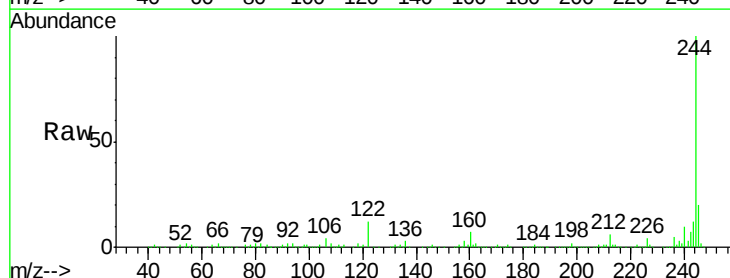
Tgt Ion:244 Resp: 1044823

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 11.9 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

13.07

1000000

800000

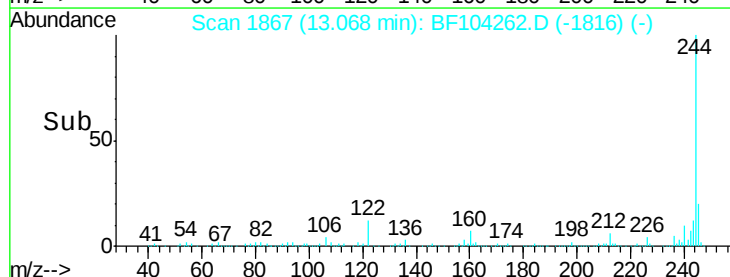
600000

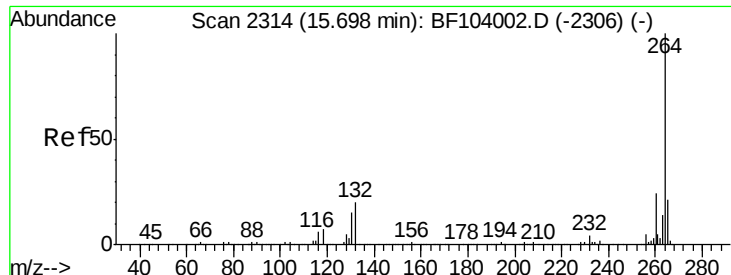
400000

200000

0

Time-->

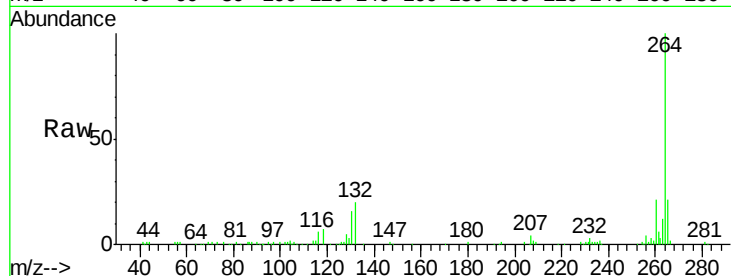




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104262.D
 Acq: 5 Apr 2018 8:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	19.2	28.8
265	21.5	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

