

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104280.D
 Acq On : 5 Apr 2018 20:08
 Operator : JU/SJ
 Sample : J2183-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 01:09:49 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

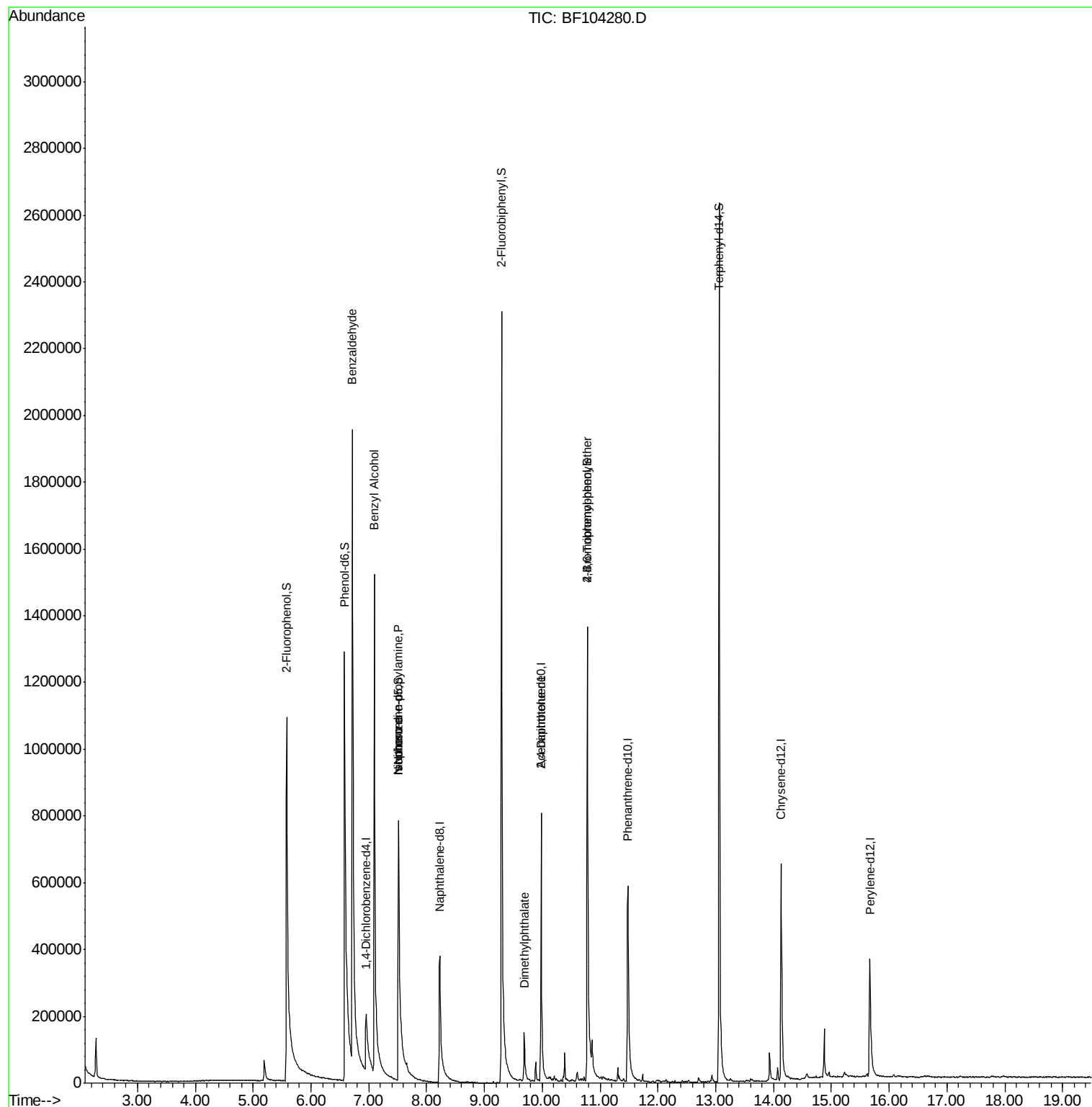
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	101876	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	481447	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	228121	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	431157	20.00	ng	0.00
75) Chrysene-d12	14.13	240	356171	20.00	ng	-0.01
86) Perylene-d12	15.67	264	274877	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	857921	134.30	ng	-0.01
7) Phenol-d6	6.58	99	1096015	139.45	ng	-0.02
23) Nitrobenzene-d5	7.51	82	723449	91.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	328594	129.36	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1251427	86.51	ng	0.00
78) Terphenyl-d14	13.06	244	1241858	80.51	ng	0.00
Target Compounds				Qvalue		
9) Benzaldehyde	6.72	77	18114	3.005	ng	83
15) Benzyl Alcohol	7.09	79	11104	2.173	ng	# 42
19) n-Nitroso-di-n-propylamine	7.51	70	79797	17.108	ng	# 76
25) Isophorone	7.51	82	745175	51.362	ng	# 64
49) Dimethylphthalate	9.69	163	117351	6.516	ng	100
56) 2,4-Dinitrotoluene	9.98	165	28722	5.809	ng	# 23
66) 4-Bromophenyl-phenylether	10.78	248	19084	4.137	ng	# 1

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

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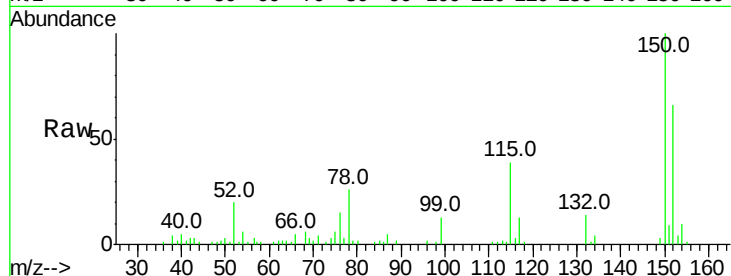


#1

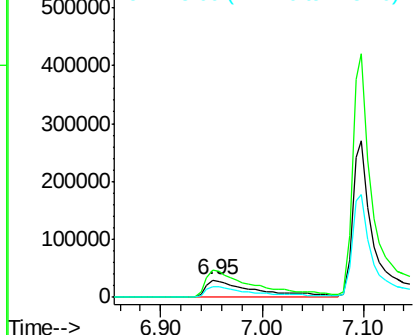
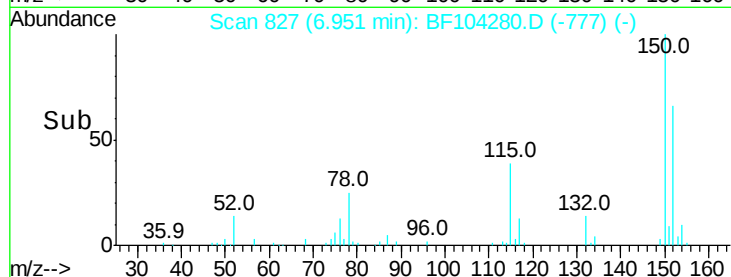
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104280.D
Acq: 5 Apr 2018 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101876
Ion Ratio Lower Upper
152 100
150 152.6 124.6 186.8
115 58.8 50.1 75.1



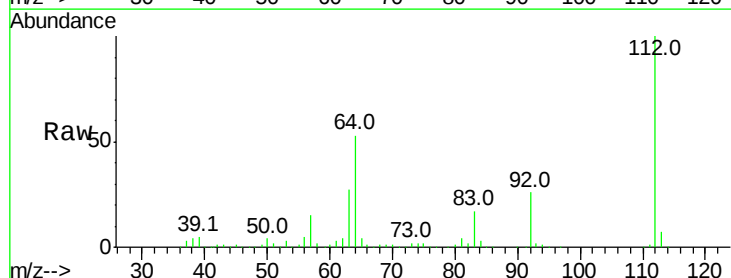
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



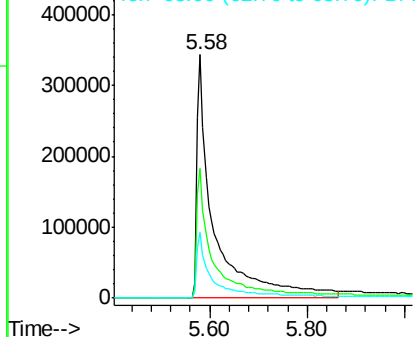
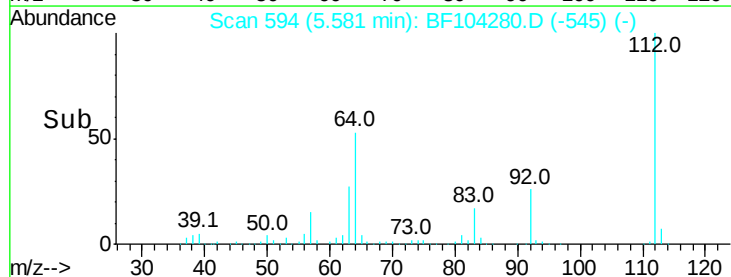
#5

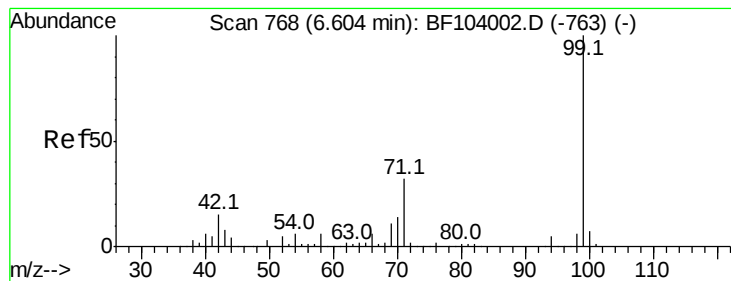
2-Fluorophenol
Concen: 134.297 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF104280.D
Acq: 5 Apr 2018 20:08

Tgt Ion:112 Resp: 857921
Ion Ratio Lower Upper
112 100
64 53.3 47.9 71.9
63 27.0 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: 139.452 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

Instrument :

BNA_F

ClientSampleId :

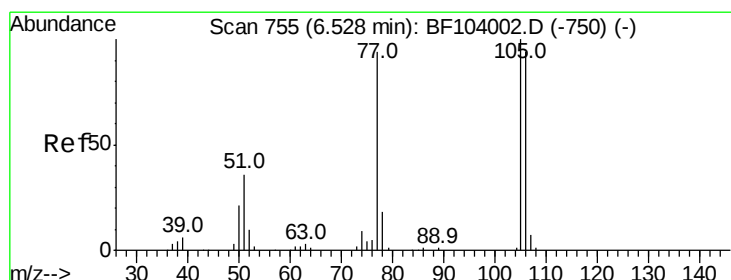
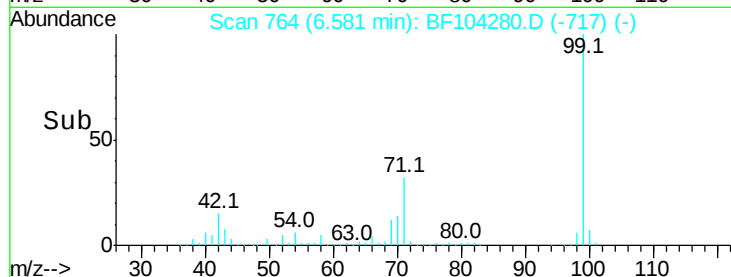
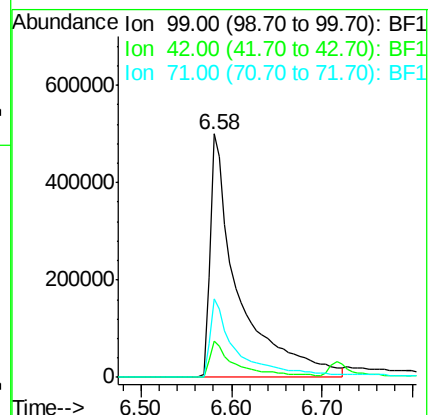
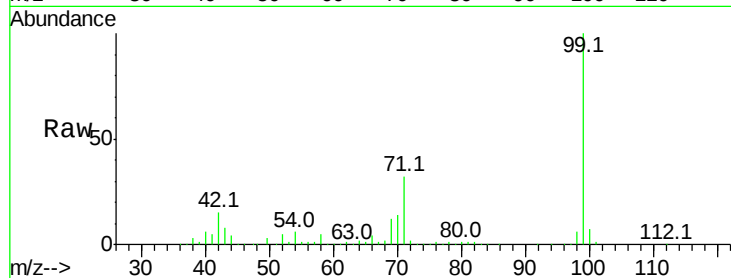
Tot Ion: 99 Resp: 1096015

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	32.0	25.4	38.0

99 100

42 15.1 14.5 21.7

71 32.0 25.4 38.0



#9

Benzaldehyde

Concen: 3.005 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.20 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

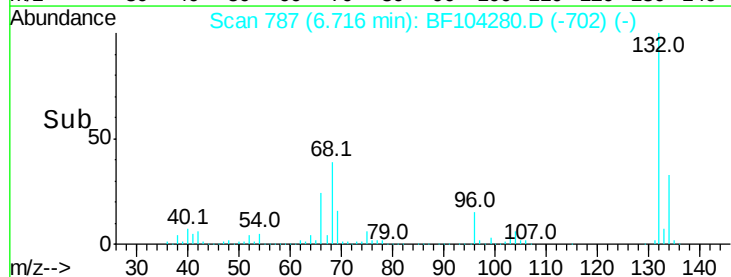
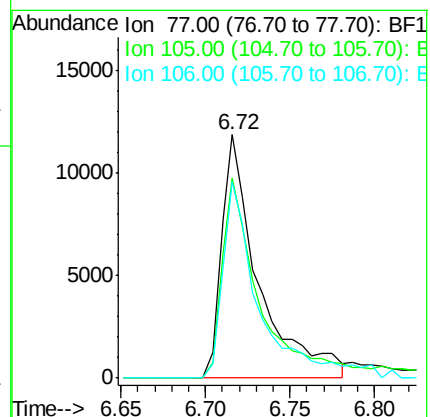
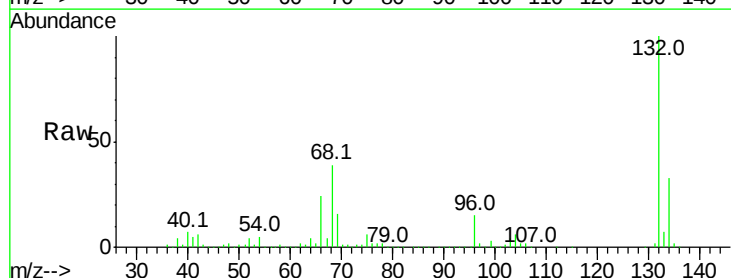
Tgt Ion: 77 Resp: 18114

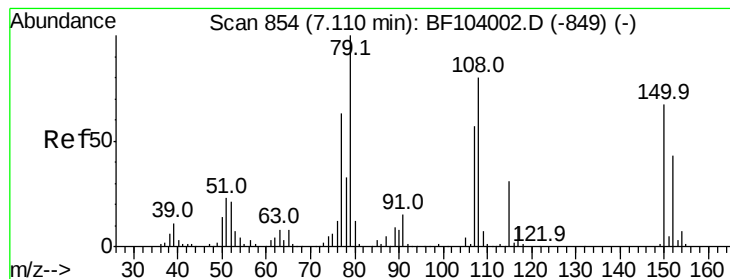
Ion	Ratio	Lower	Upper
77	100		
105	82.4	81.1	121.1
106	80.3	74.5	114.5

77 100

105 82.4 81.1 121.1

106 80.3 74.5 114.5





#15

Benzyl Alcohol

Concen: 2.173 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

Instrument :

BNA_F

ClientSampled :

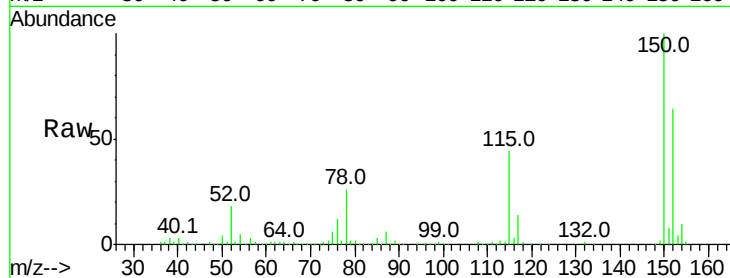
Tot Ion: 79 Resp: 11104

Ion Ratio Lower Upper

79 100

108 28.4 65.1 97.7#

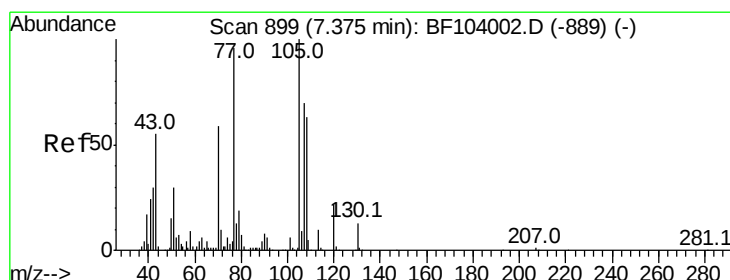
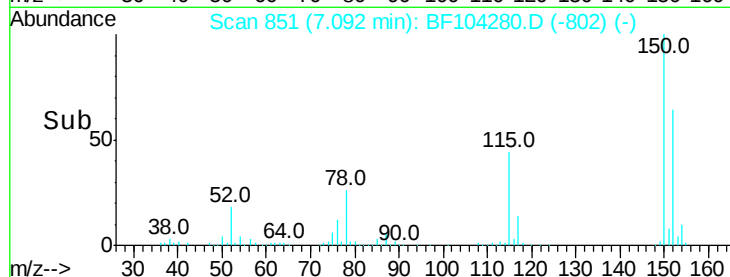
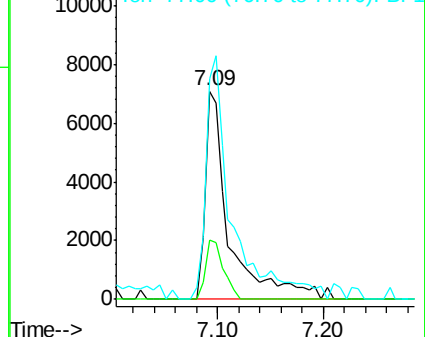
77 106.0 50.6 75.8#



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: 17.108 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

Tgt Ion: 70 Resp: 79797

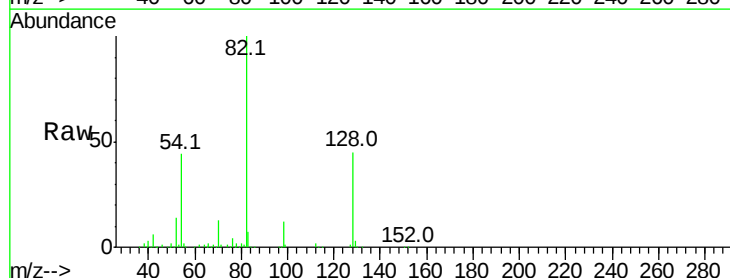
Ion Ratio Lower Upper

70 100

42 44.8 47.5 71.3#

101 0.0 7.4 11.2#

130 3.0 16.6 25.0#

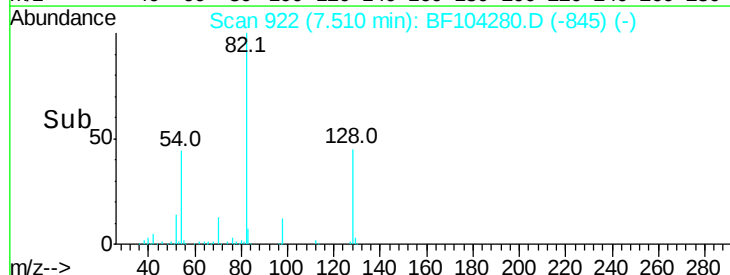
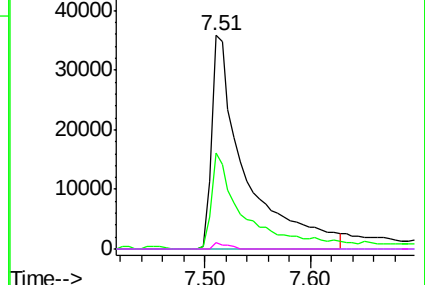


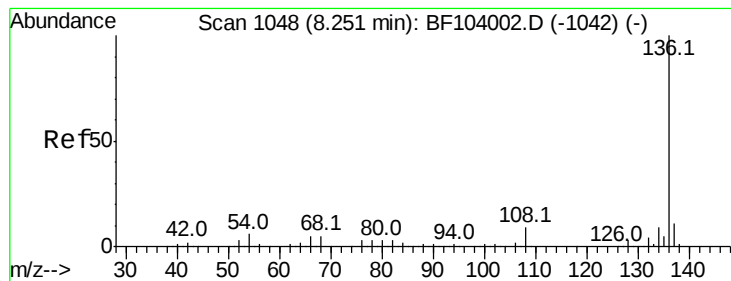
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 481447

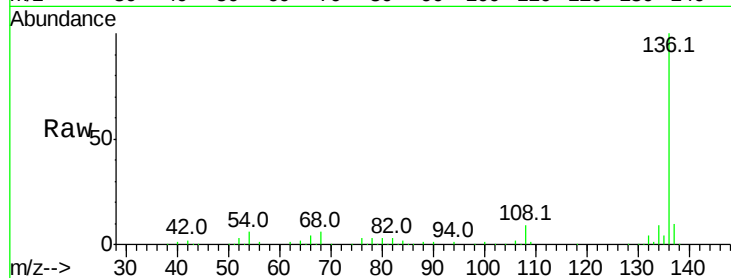
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.4 6.6 9.8#

68 5.9 5.0 7.4

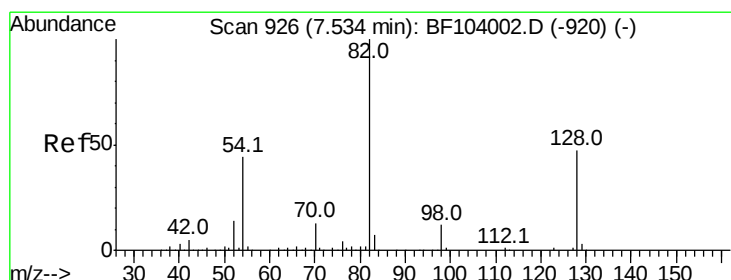
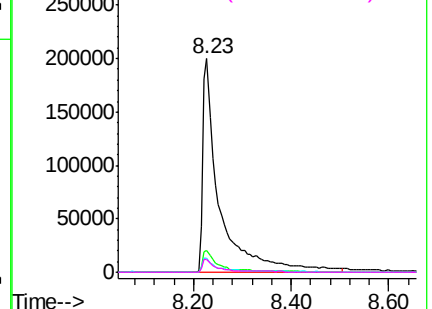
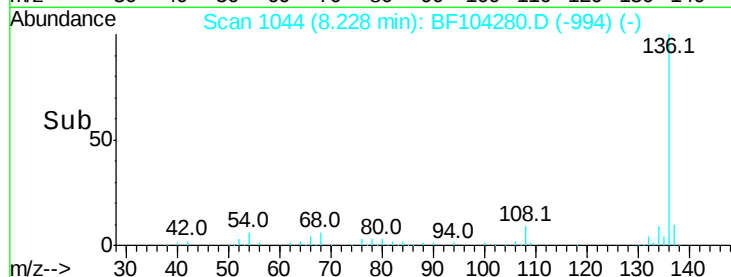


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.896 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

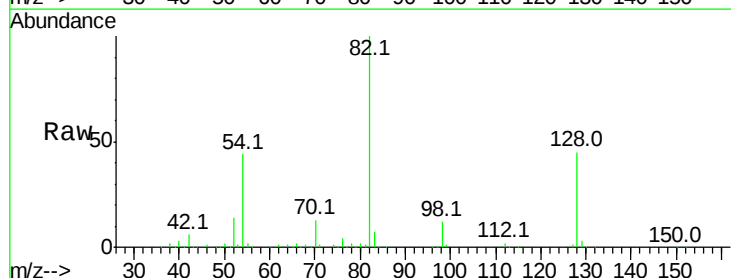
Tgt Ion: 82 Resp: 723449

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

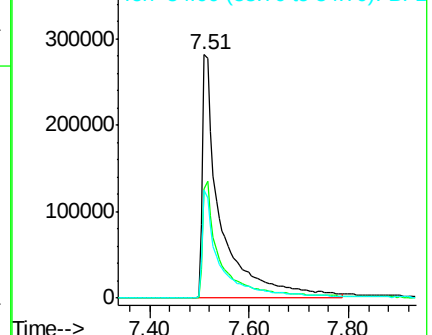
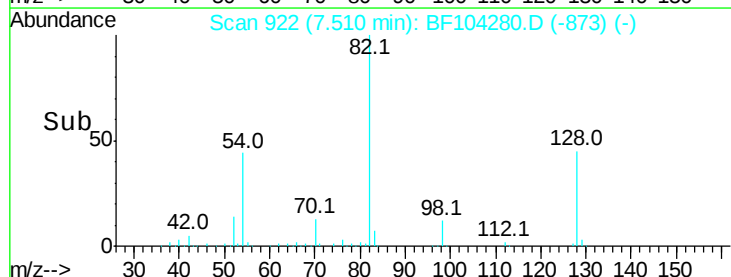
54 44.4 41.4 62.2

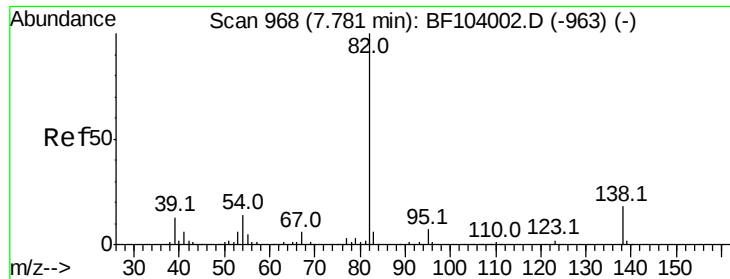


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.362 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

Instrument :

BNA_F

ClientSampleId :

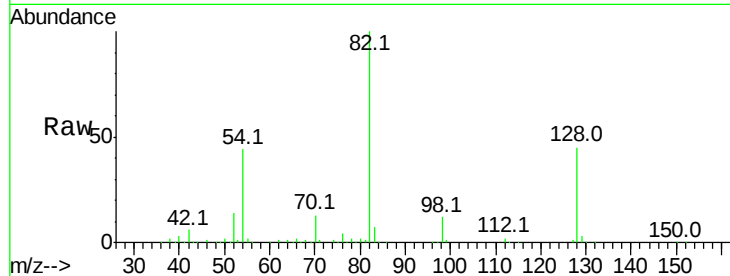
Tot Ion: 82 Resp: 745175

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

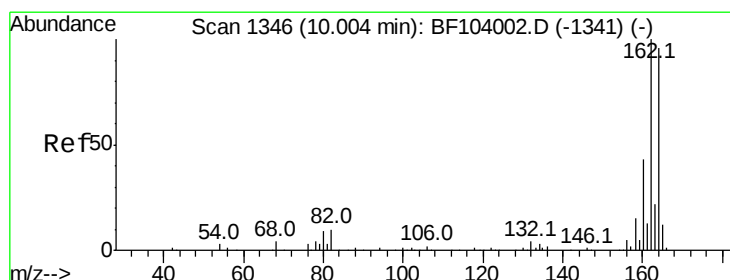
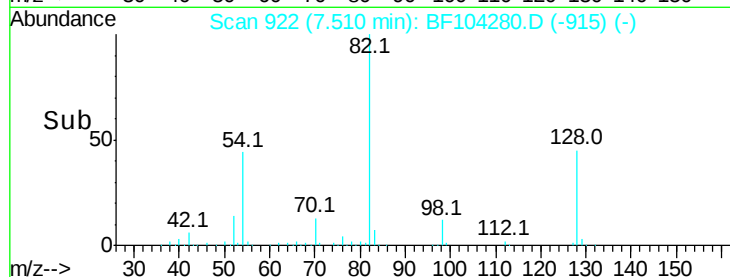
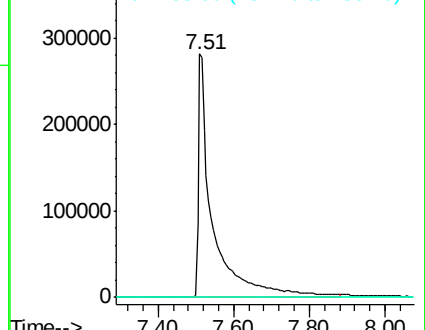
138 0.0 14.9 22.3#



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: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

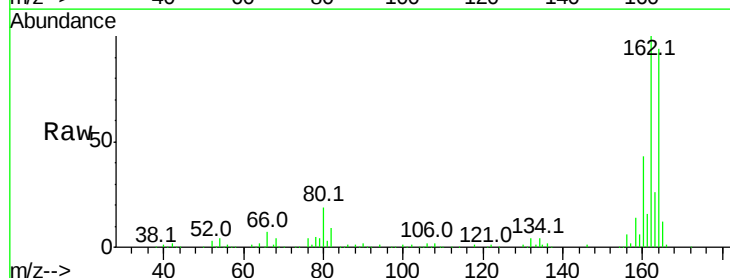
Tgt Ion:164 Resp: 228121

Ion Ratio Lower Upper

164 100

162 106.9 86.1 129.1

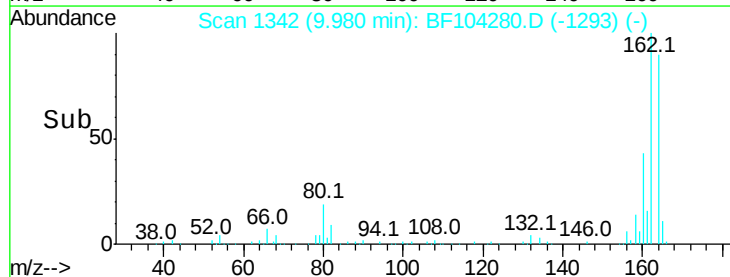
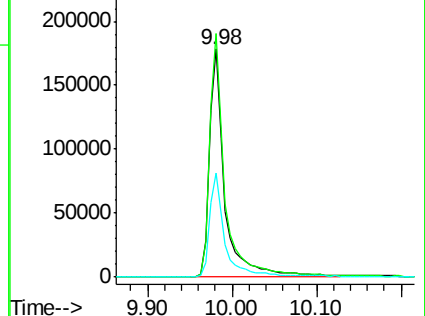
160 45.9 38.3 57.5

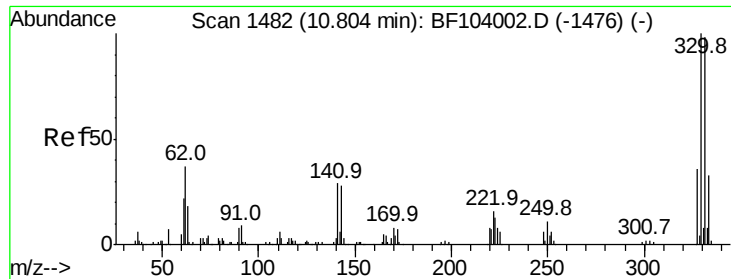


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

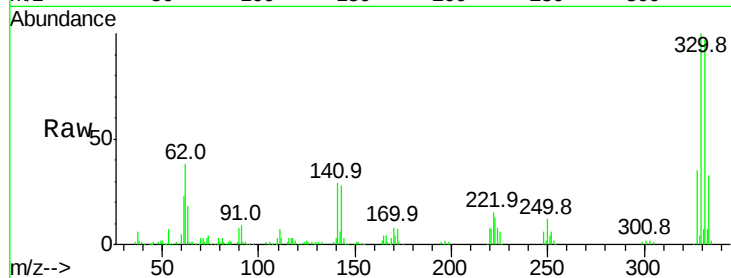




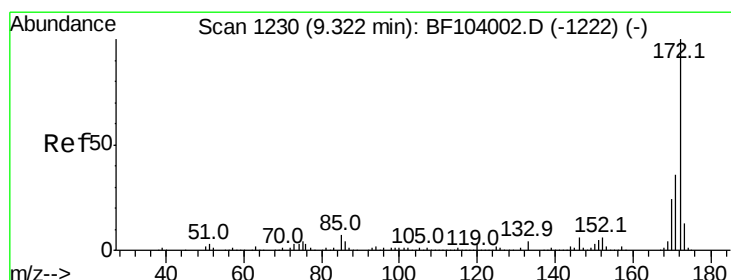
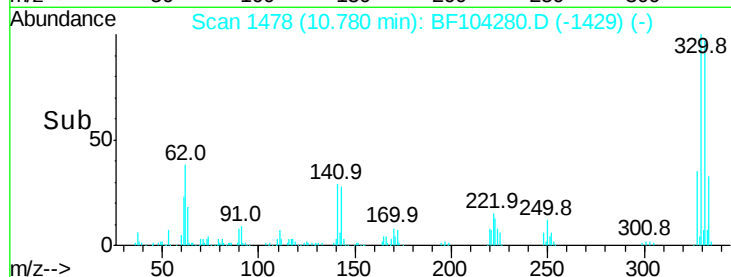
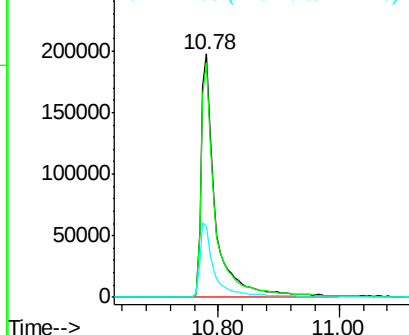
#41
 2,4,6-Tribromophenol
 Concen: 129.361 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF104280.D
 Acq: 5 Apr 2018 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 328594
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 31.7 29.9 44.9

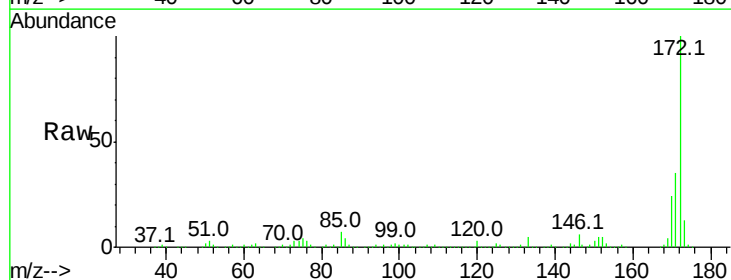


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

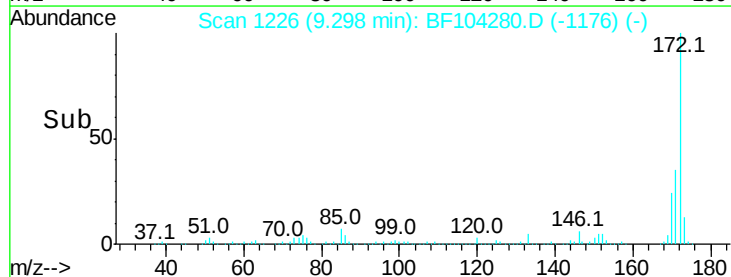
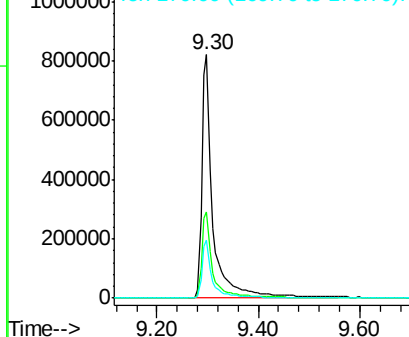


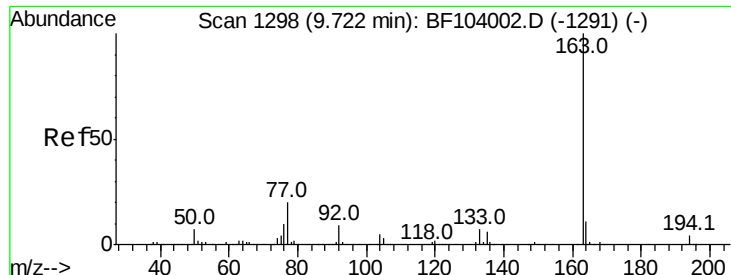
#44
 2-Fluorobiphenyl
 Concen: 86.507 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104280.D
 Acq: 5 Apr 2018 20:08

Tgt Ion:172 Resp: 1251427
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 24.0 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

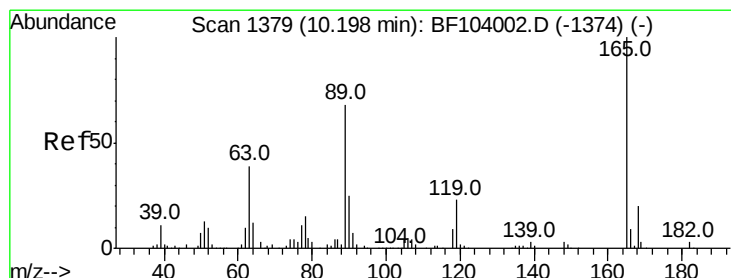
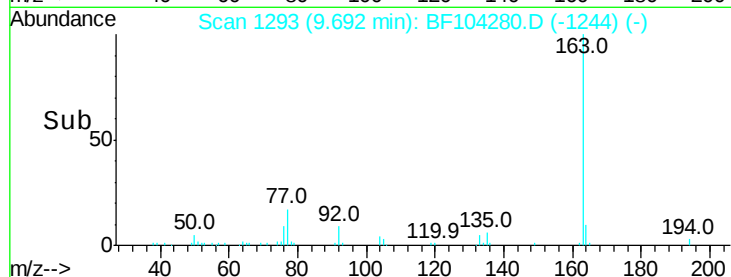
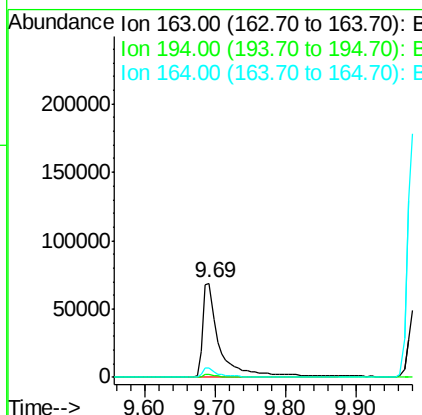
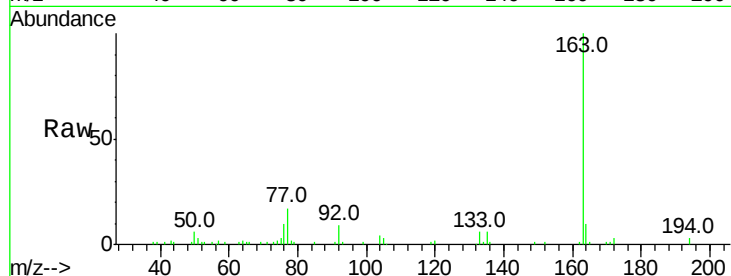




#49
Dimethylphthalate
Concen: 6.516 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF104280.D
Acq: 5 Apr 2018 20:08

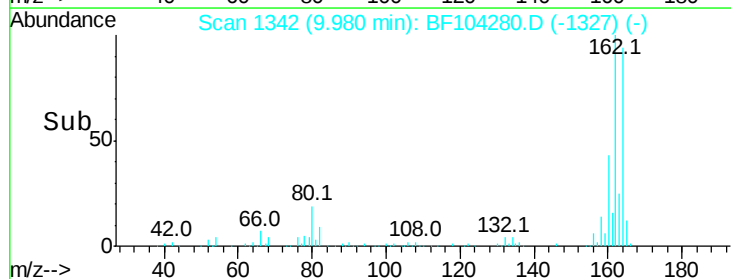
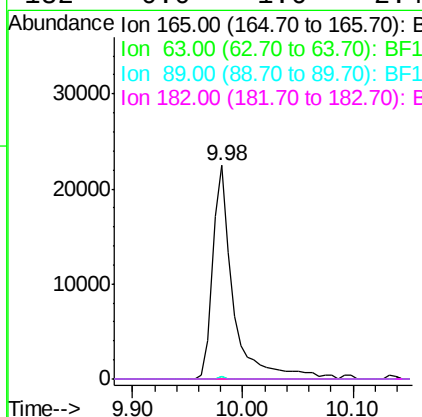
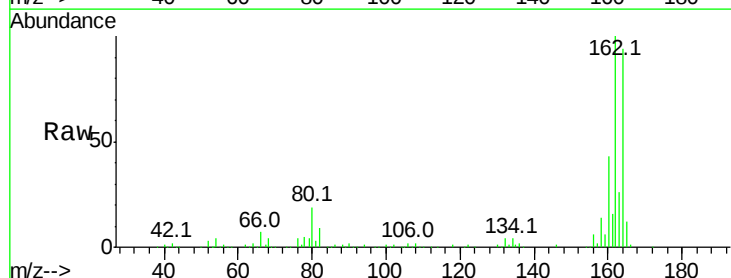
Instrument :
BNA_F
ClientSampleId :

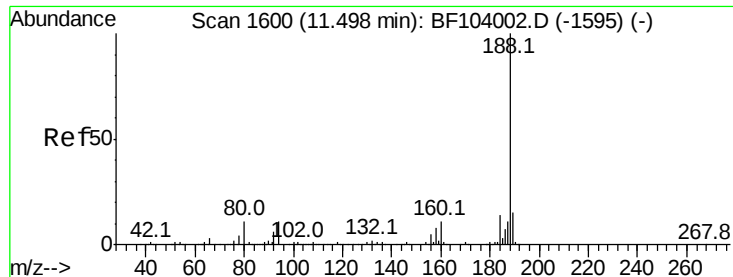
Tot Ion:163 Resp: 117351
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.809 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF104280.D
Acq: 5 Apr 2018 20:08

Tgt Ion:165 Resp: 28722
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#

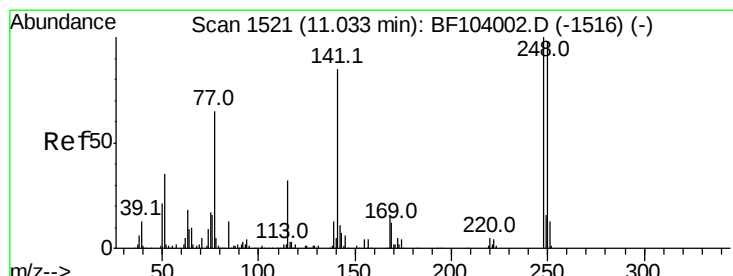
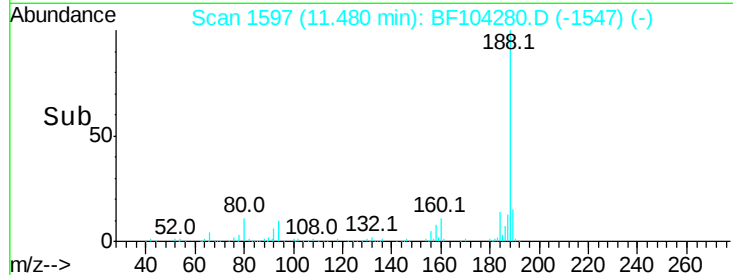
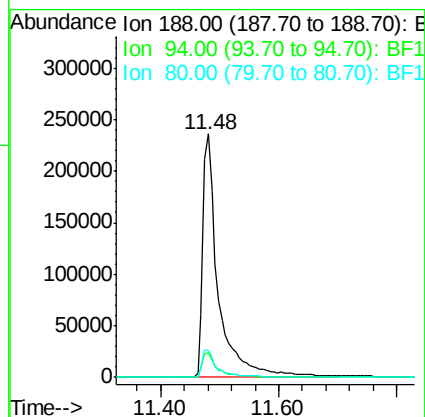
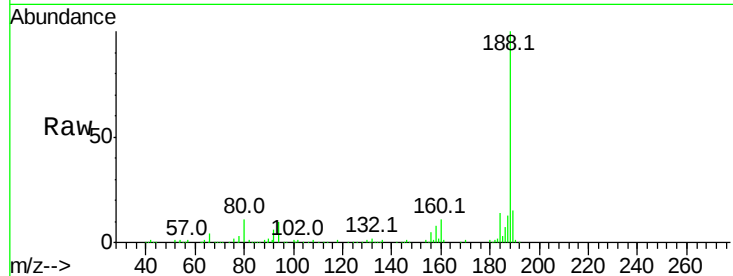




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF104280.D
Acq: 5 Apr 2018 20:08

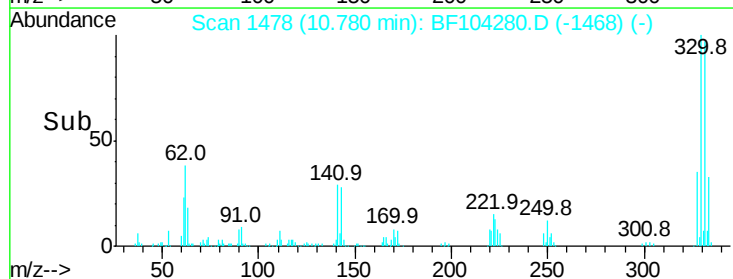
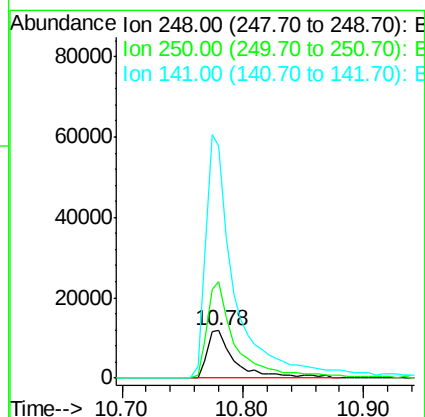
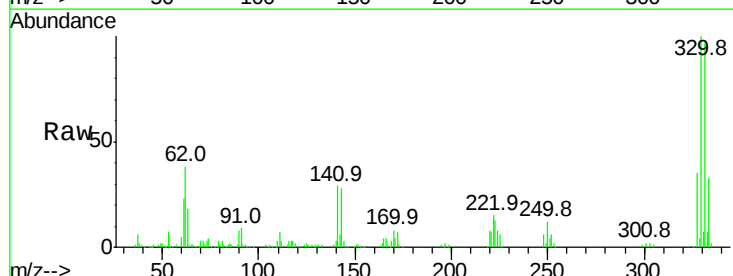
Instrument :
BNA_F
ClientSampleId :

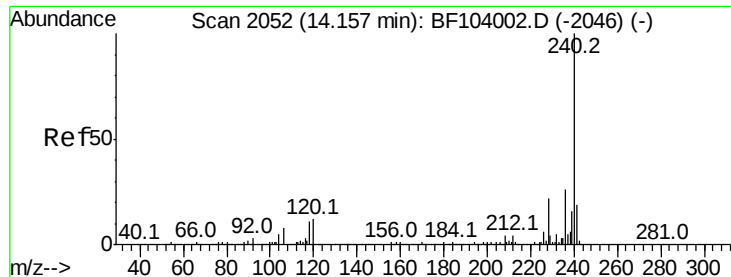
Tot Ion:188 Resp: 431157
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.137 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF104280.D
Acq: 5 Apr 2018 20:08

Tgt Ion:248 Resp: 19084
Ion Ratio Lower Upper
248 100
250 202.3 76.9 115.3#
141 486.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

Instrument :

BNA_F

ClientSampleId :

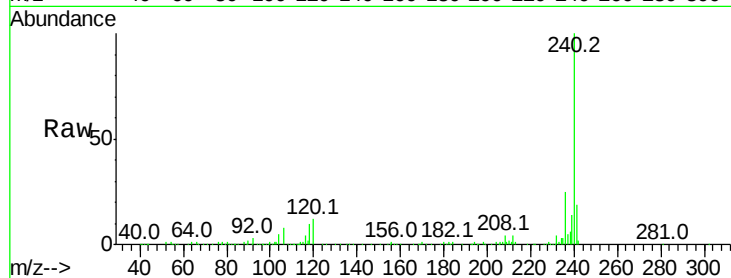
Tot Ion:240 Resp: 356171

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

236 25.0 20.7 31.1

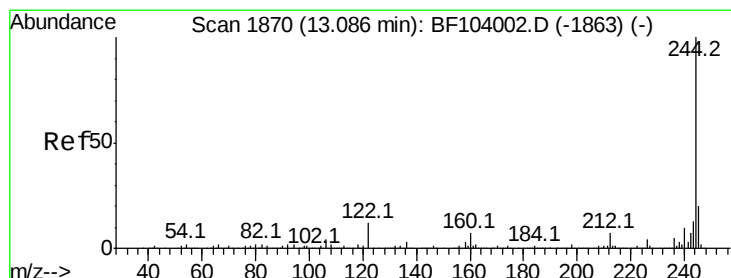
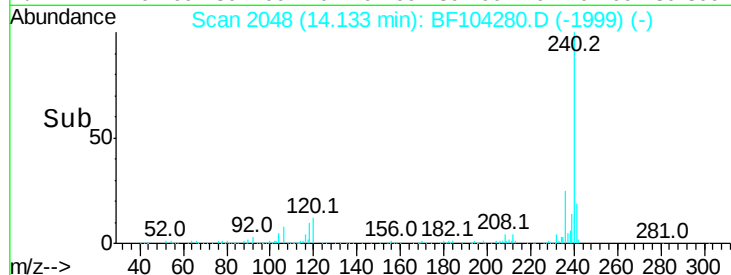
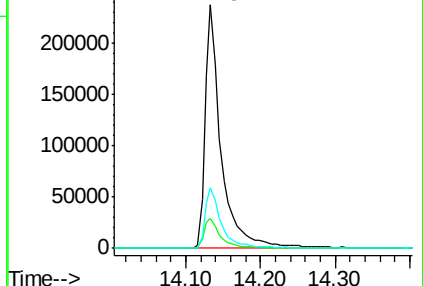


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.13



#78

Terphenyl-d14

Concen: 80.506 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

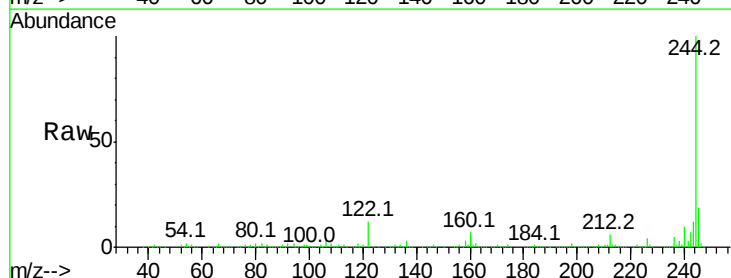
Tgt Ion:244 Resp: 1241858

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 11.7 11.0 16.4

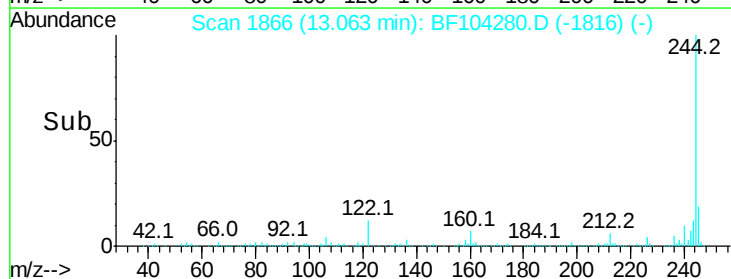
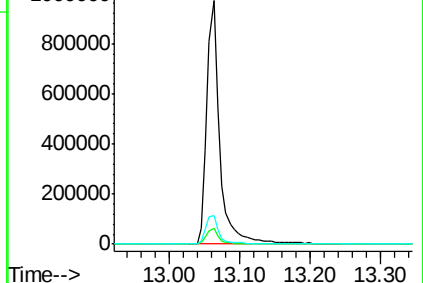


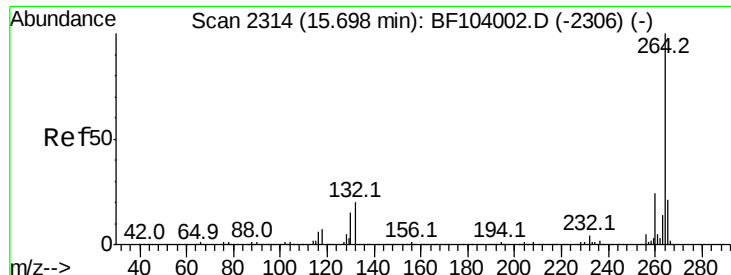
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.06

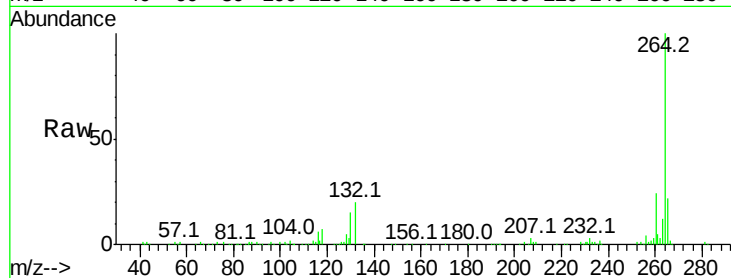




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF104280.D
 Acq: 5 Apr 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	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

