

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104270.D
 Acq On : 5 Apr 2018 11:59
 Operator : JU/SJ
 Sample : J2187-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 12:31:17 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

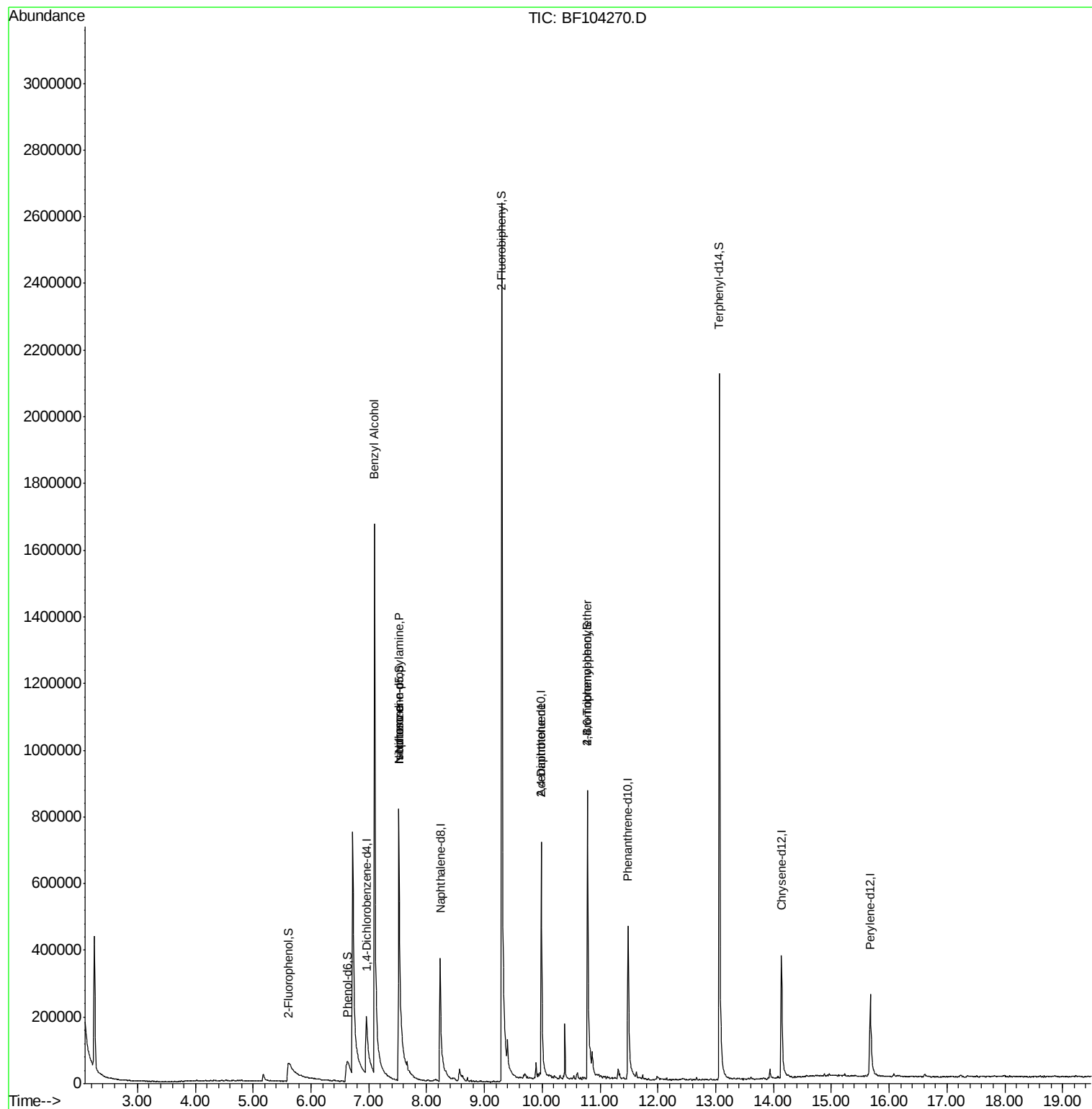
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	104153	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	447480	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	210984	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	333982	20.00	ng	0.00
75) Chrysene-d12	14.14	240	226569	20.00	ng	0.00
86) Perylene-d12	15.67	264	201995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	148885	22.80	ng	0.02
7) Phenol-d6	6.62	99	170479	21.22	ng	0.02
23) Nitrobenzene-d5	7.52	82	748329	102.27	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	196918	83.82	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1426568	106.62	ng	0.00
78) Terphenyl-d14	13.06	244	987010	100.59	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	12320	2.358	ng	# 48
19) n-Nitroso-di-n-propylamine	7.52	70	84640	17.750	ng	# 73
25) Isophorone	7.52	82	774803	57.458	ng	# 64
56) 2,4-Dinitrotoluene	9.99	165	26050	5.696	ng	# 22
66) 4-Bromophenyl-phenylether	10.78	248	11150	3.121	ng	# 1

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

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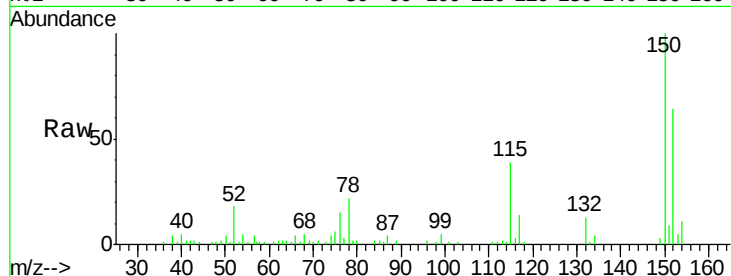


#1

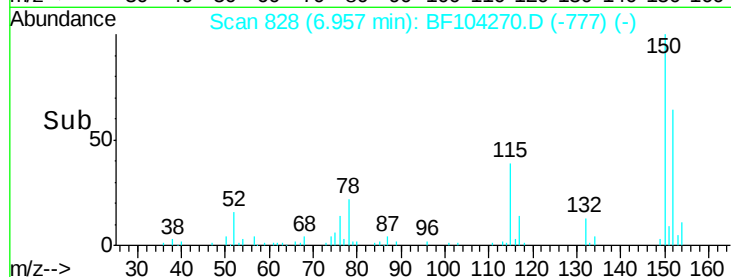
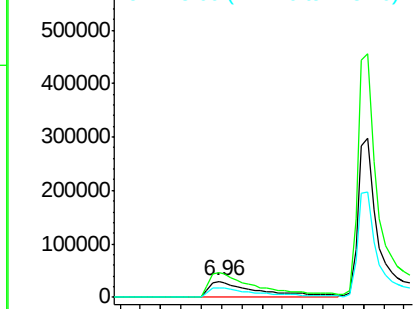
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104270.D
Acq: 5 Apr 2018 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 104153
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 60.6 50.1 75.1



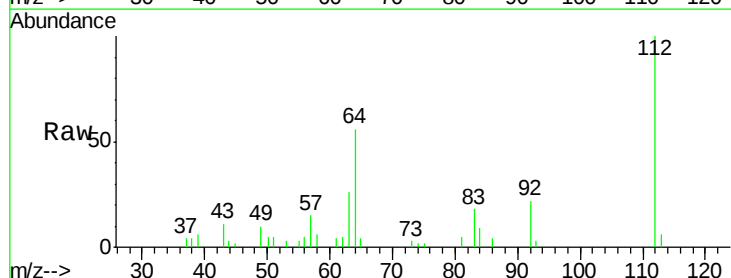
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



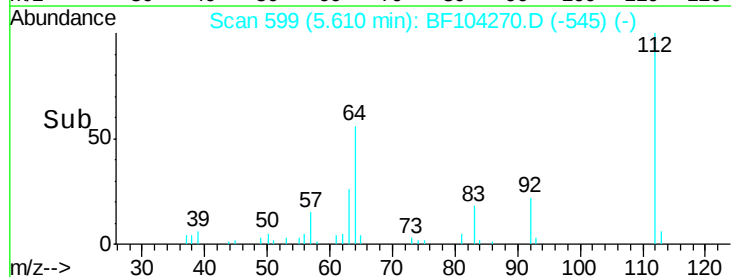
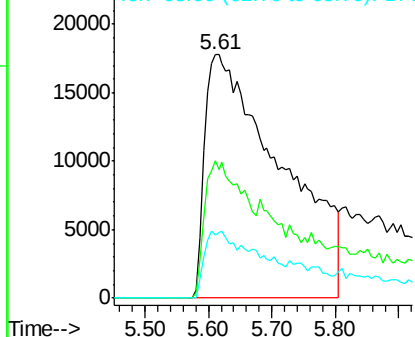
#5

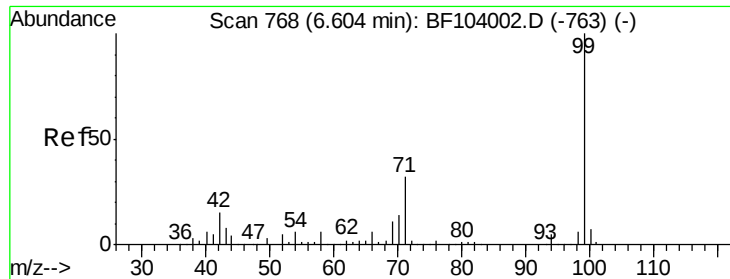
2-Fluorophenol
Concen: 22.797 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF104270.D
Acq: 5 Apr 2018 11:59

Tgt Ion:112 Resp: 148885
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 25.9 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: 21.217 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.02 min

Lab File: BF104270.D

Acq: 5 Apr 2018 11:59

Instrument :

BNA_F

ClientSampleId :

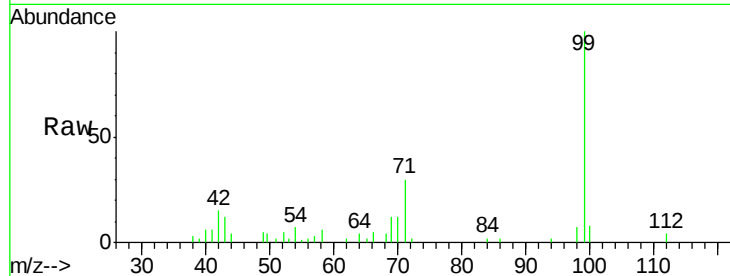
Tot Ion: 99 Resp: 170479

Ion Ratio Lower Upper

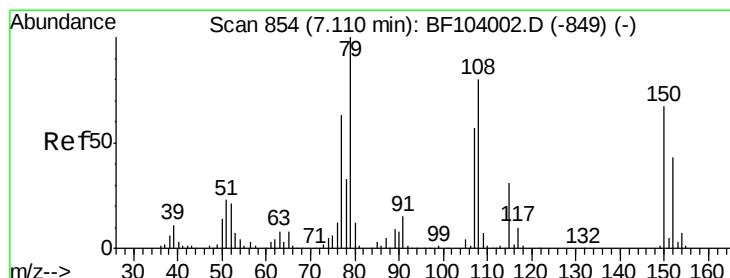
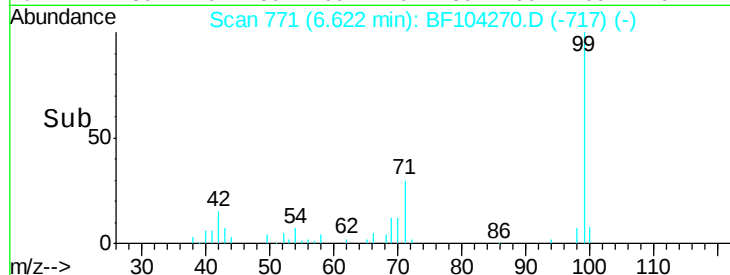
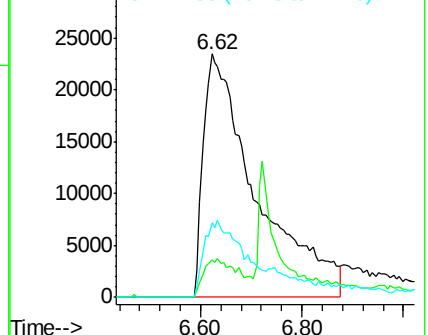
99 100

42 15.4 14.5 21.7

71 30.4 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



#15

Benzyl Alcohol

Concen: 2.358 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF104270.D

Acq: 5 Apr 2018 11:59

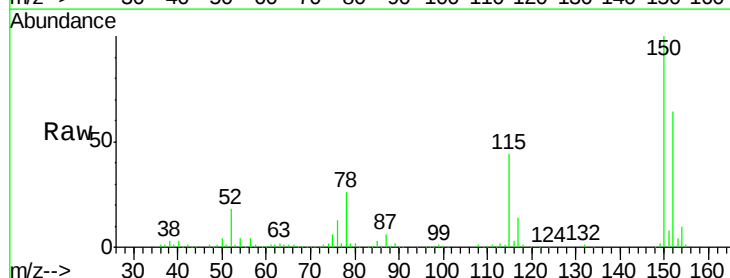
Tgt Ion: 79 Resp: 12320

Ion Ratio Lower Upper

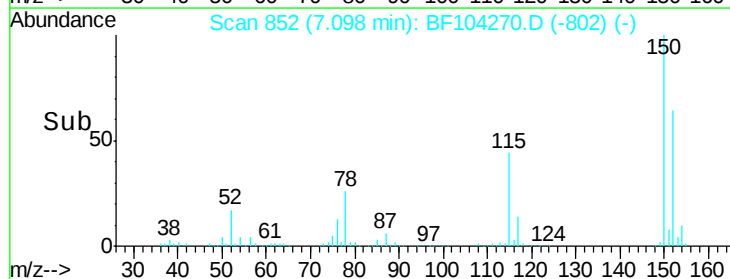
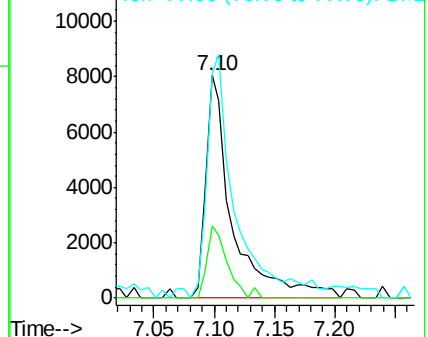
79 100

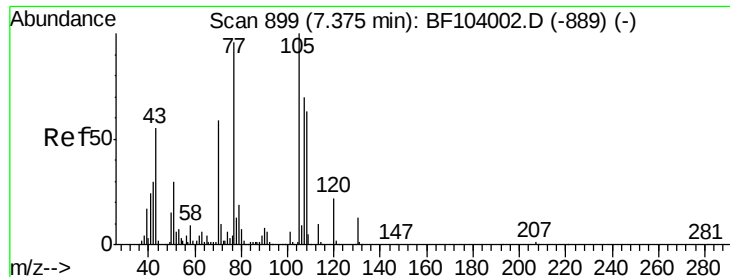
108 32.5 65.1 97.7#

77 100.6 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: 17.750 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.16 min

Lab File: BF104270.D

Acq: 5 Apr 2018 11:59

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 84640

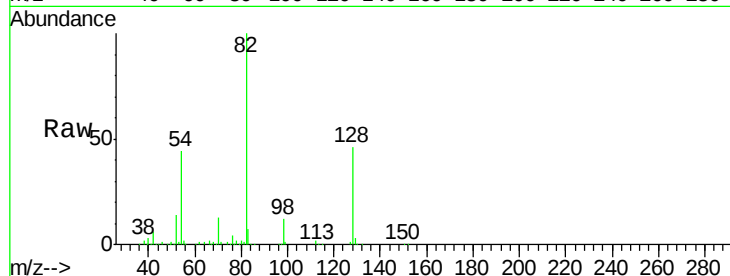
Ion Ratio Lower Upper

70 100

42 42.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



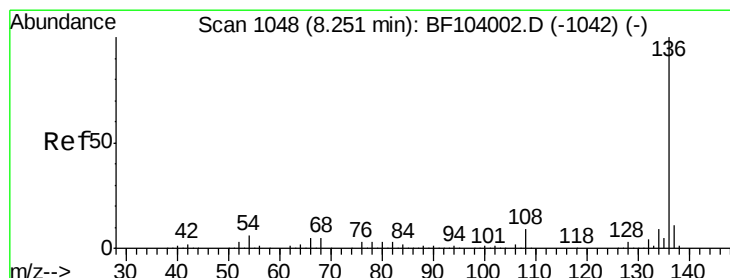
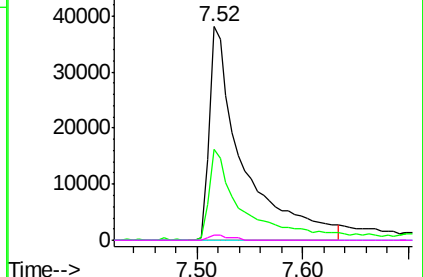
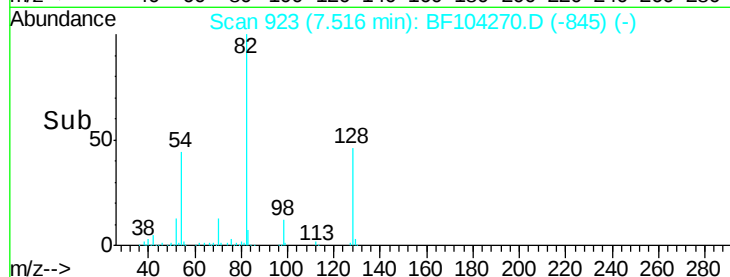
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104270.D

Acq: 5 Apr 2018 11:59

Tgt Ion: 136 Resp: 447480

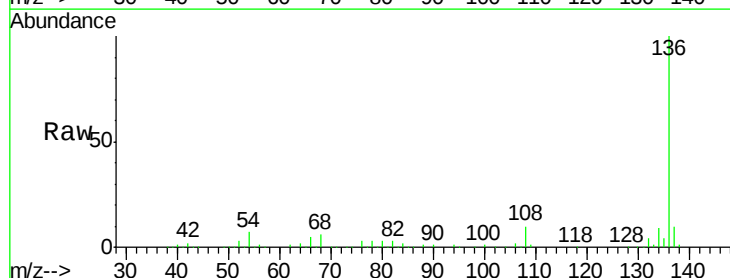
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.8 6.6 9.8

68 6.1 5.0 7.4



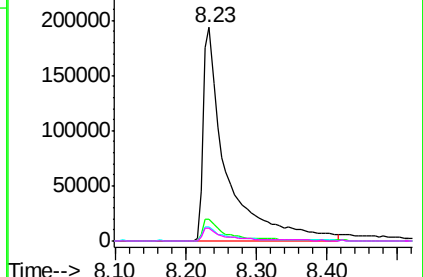
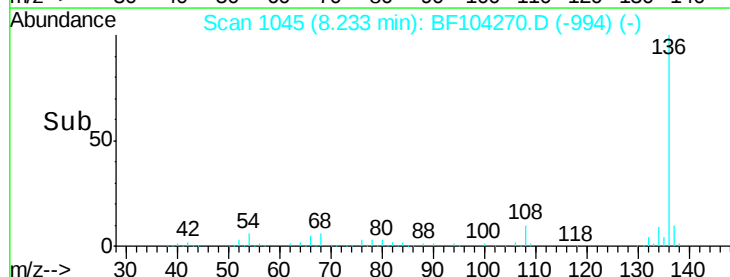
Abundance Ion 136.00 (135.70 to 136.70): BF1

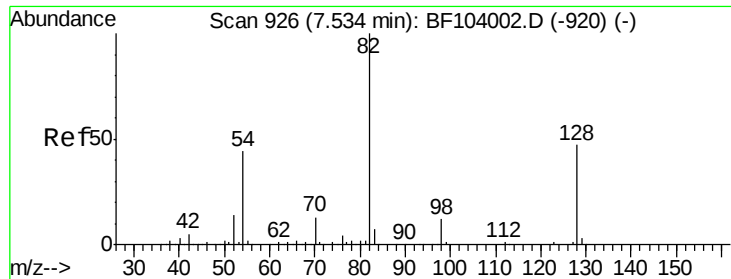
Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->

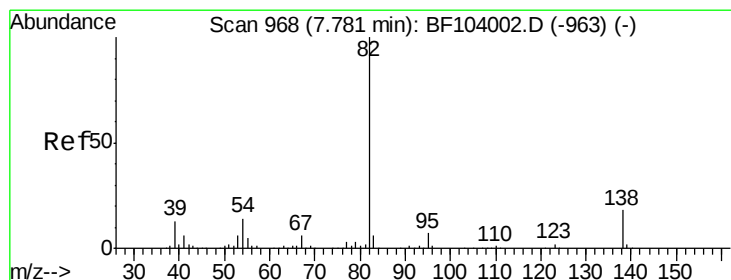
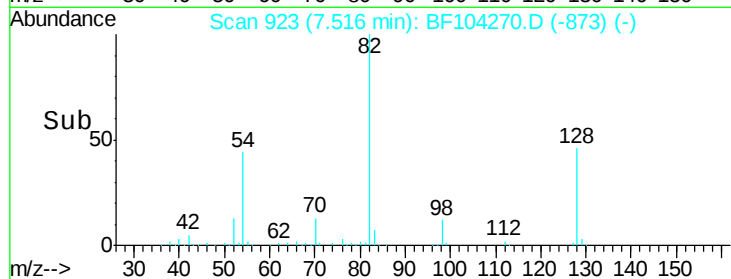
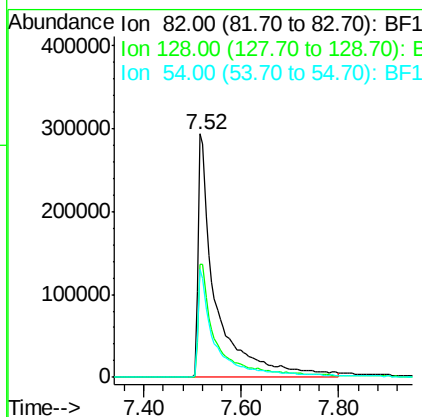
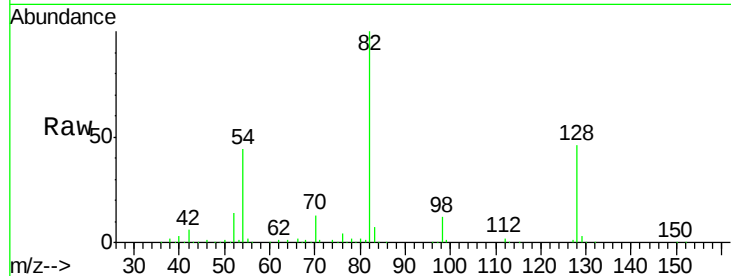




#23
 Nitrobenzene-d5
 Concen: 102.271 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104270.D
 Acq: 5 Apr 2018 11:59

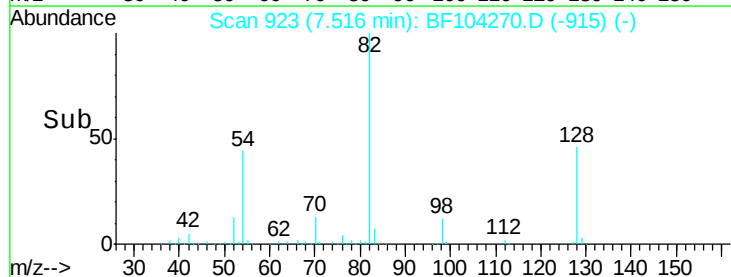
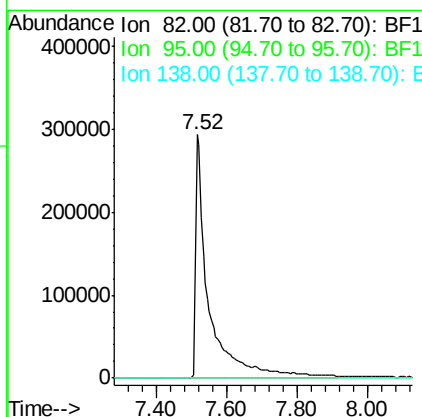
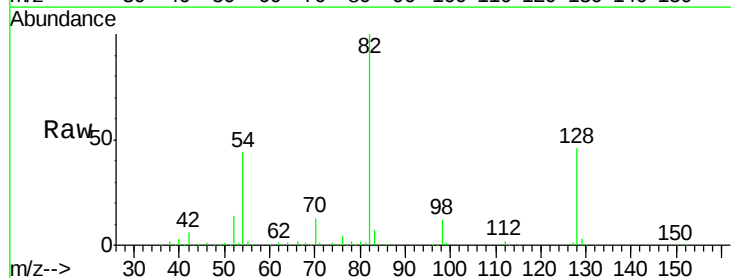
Instrument :
 BNA_F
 ClientSampleId :

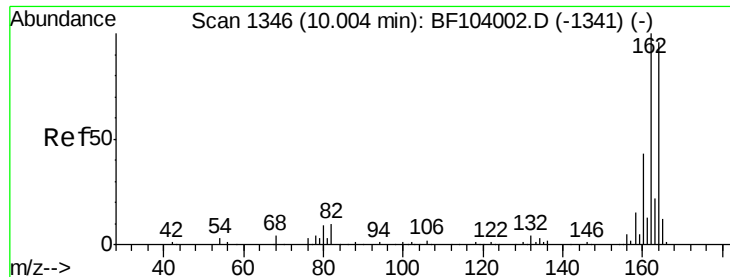
Tot Ion	82	Resp	748329
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.1	54.1
54	44.4	41.4	62.2



#25
 Isophorone
 Concen: 57.458 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.25 min
 Lab File: BF104270.D
 Acq: 5 Apr 2018 11:59

Tgt Ion	82	Resp	774803
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

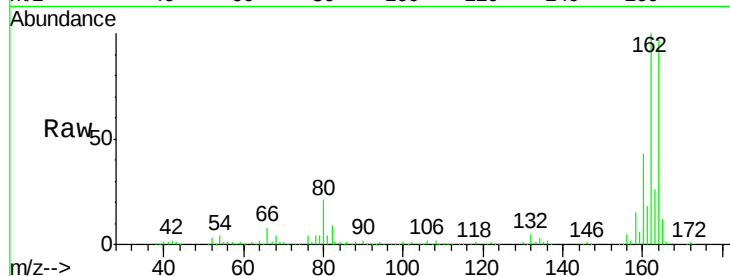




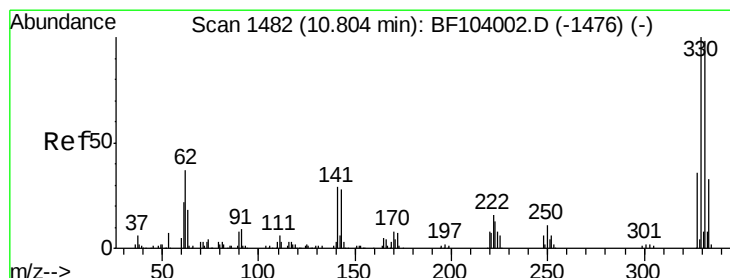
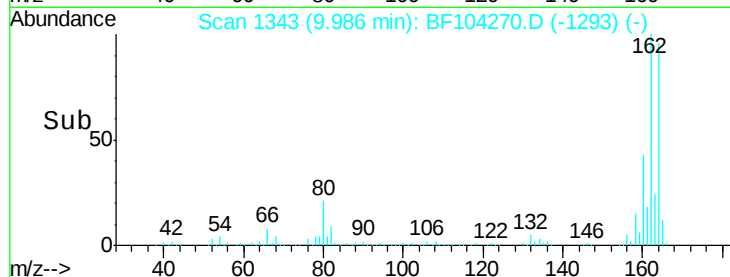
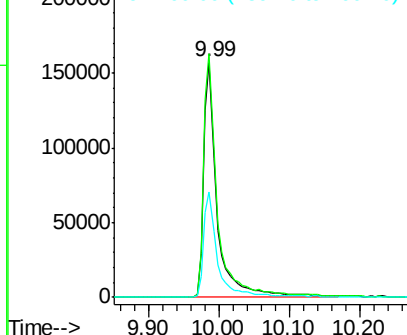
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104270.D
Acq: 5 Apr 2018 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 210984
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 45.0 38.3 57.5

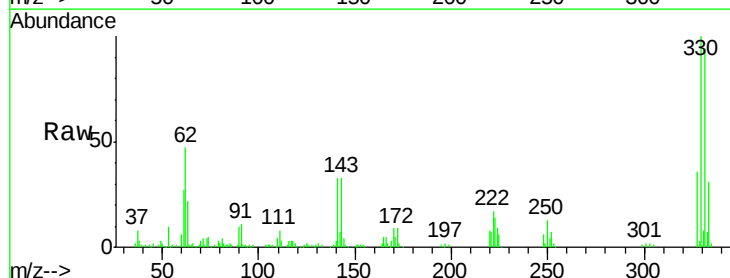


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

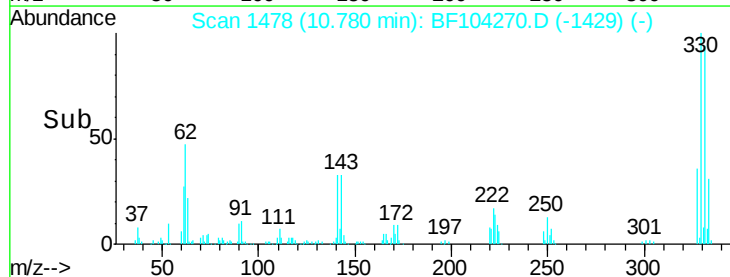
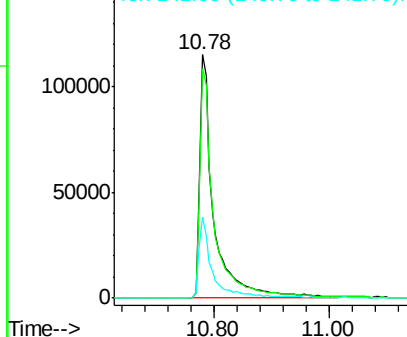


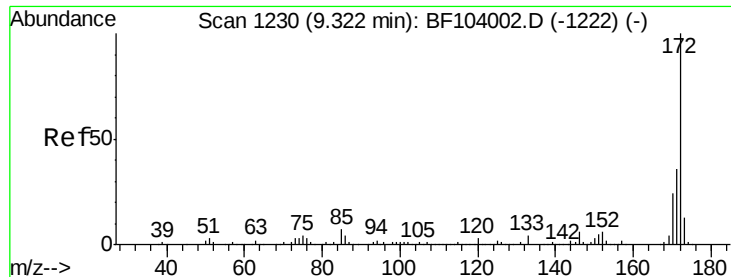
#41
2,4,6-Tribromophenol
Concen: 83.819 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF104270.D
Acq: 5 Apr 2018 11:59

Tgt Ion:330 Resp: 196918
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 32.1 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

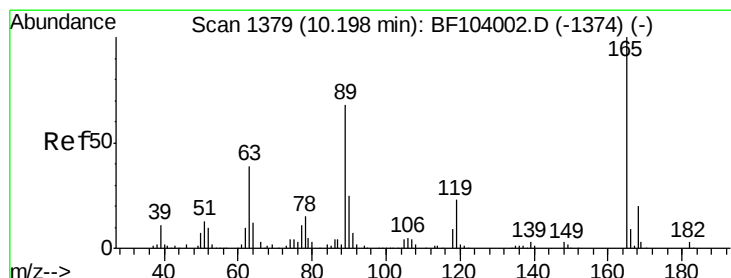
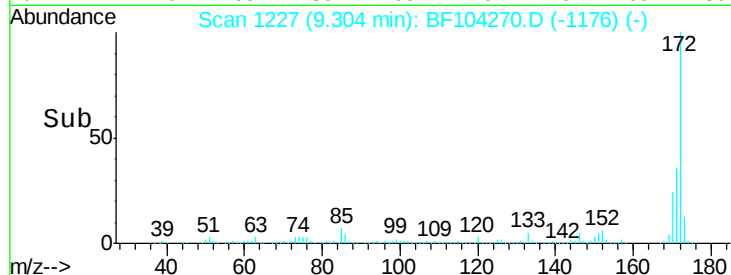
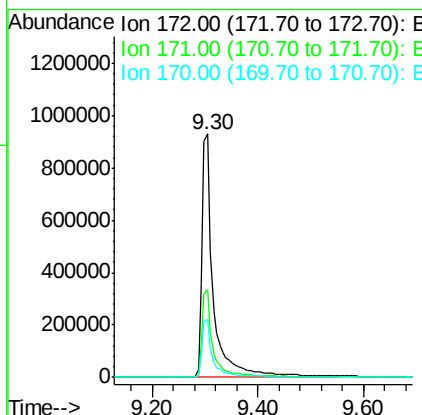
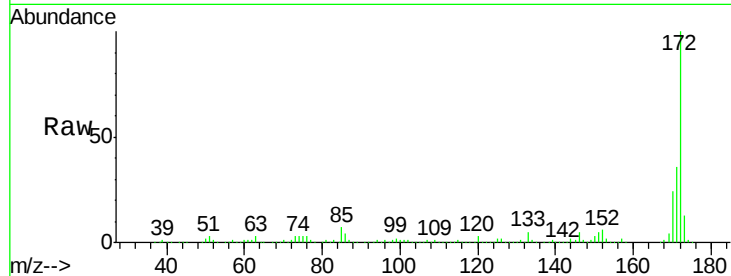




#44
2-Fluorobiphenyl
Concen: 106.623 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF104270.D
Acq: 5 Apr 2018 11:59

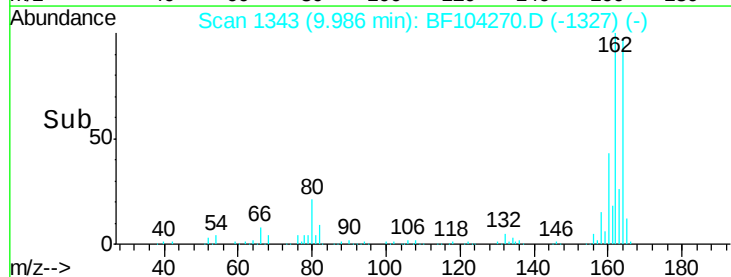
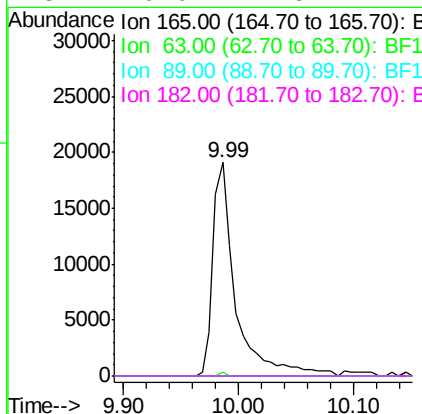
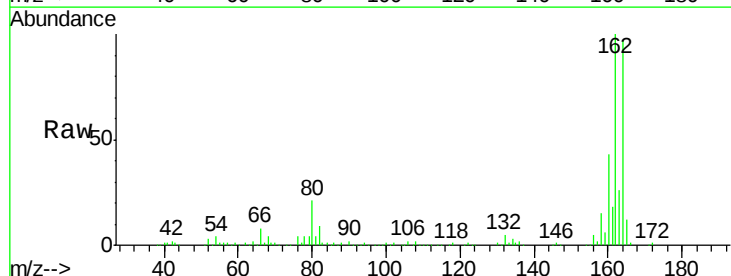
Instrument :
BNA_F
ClientSampleId :

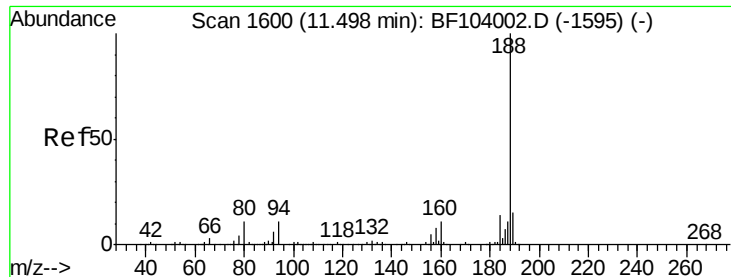
Tot Ion:172 Resp: 1426568
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.8 19.6 29.4



#56
2,4-Dinitrotoluene
Concen: 5.696 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.21 min
Lab File: BF104270.D
Acq: 5 Apr 2018 11:59

Tgt Ion:165 Resp: 26050
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

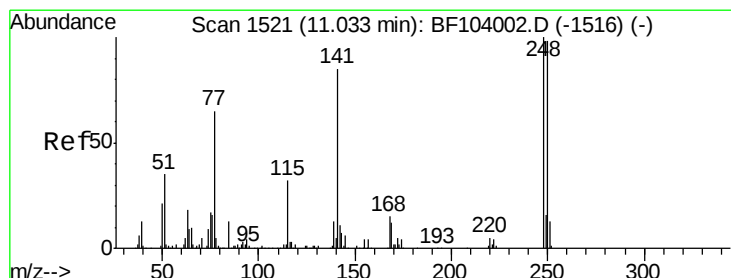
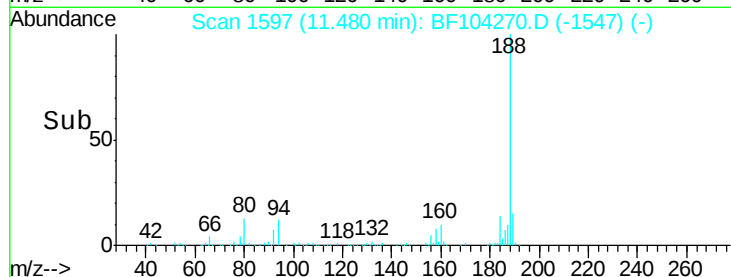
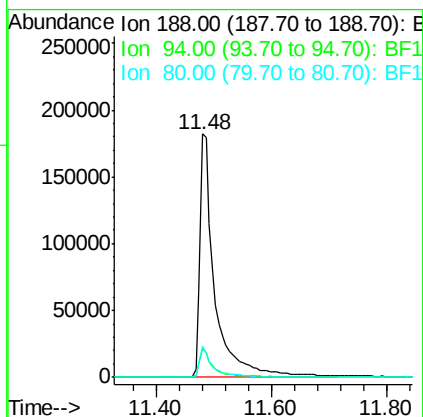
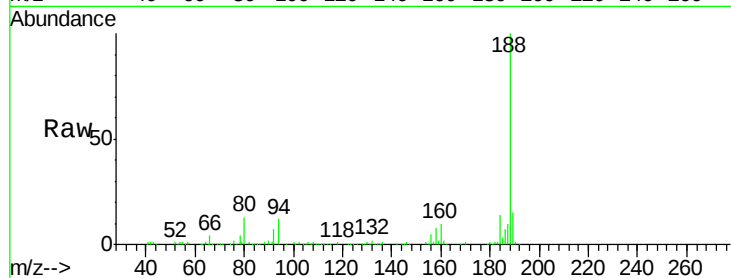




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF104270.D
Acq: 5 Apr 2018 11:59

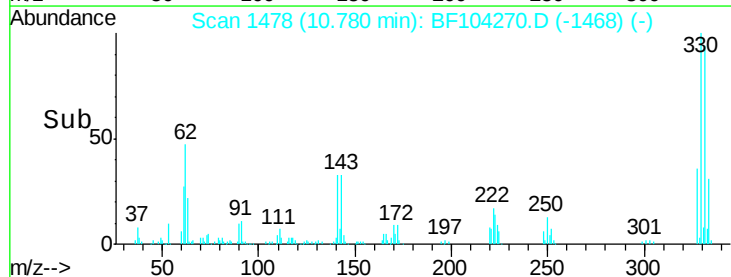
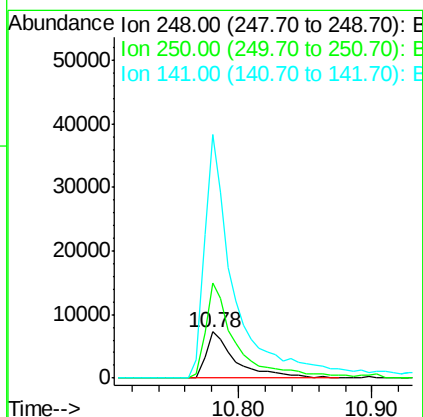
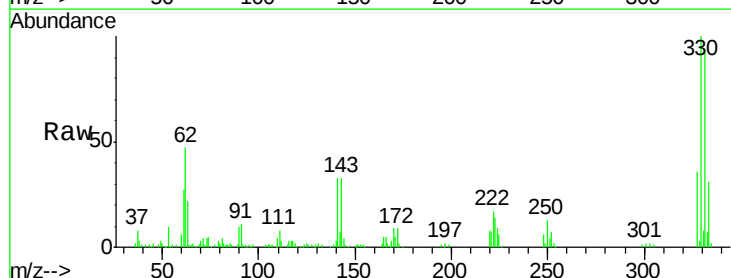
Instrument :
BNA_F
ClientSampled :

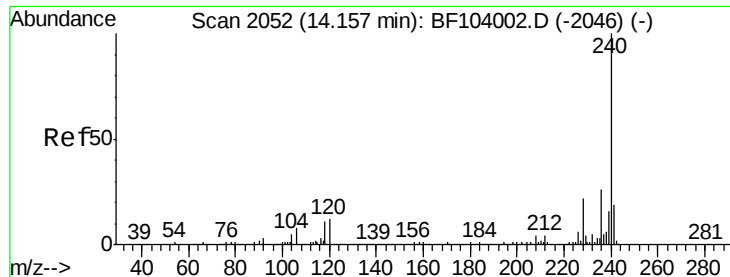
Tot Ion:188 Resp: 333982
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.121 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF104270.D
Acq: 5 Apr 2018 11:59

Tgt Ion:248 Resp: 11150
Ion Ratio Lower Upper
248 100
250 203.8 76.9 115.3#
141 524.3 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: BF104270.D

Acq: 5 Apr 2018 11:59

Instrument :

BNA_F

ClientSampleId :

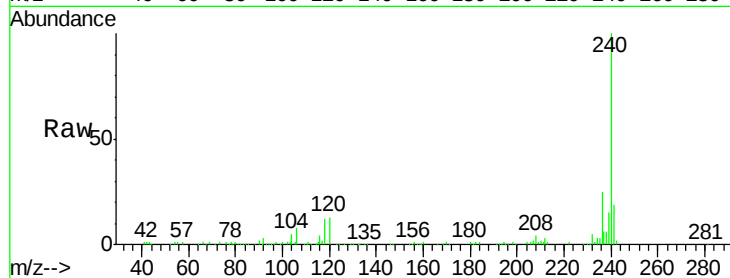
Tot Ion:240 Resp: 226569

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

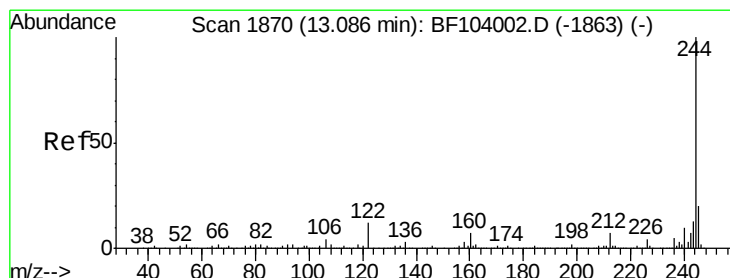
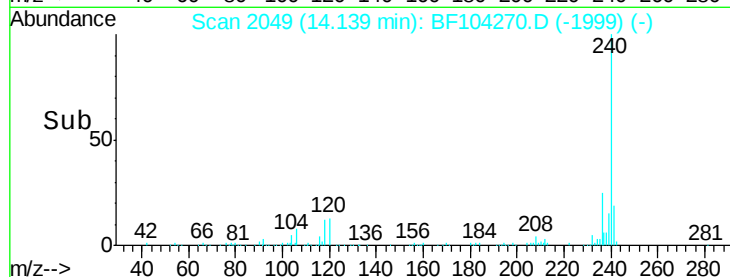
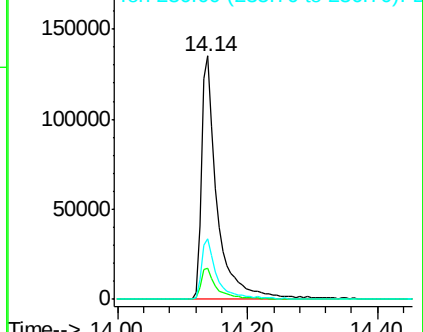
236 24.8 20.7 31.1



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: 100.586 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104270.D

Acq: 5 Apr 2018 11:59

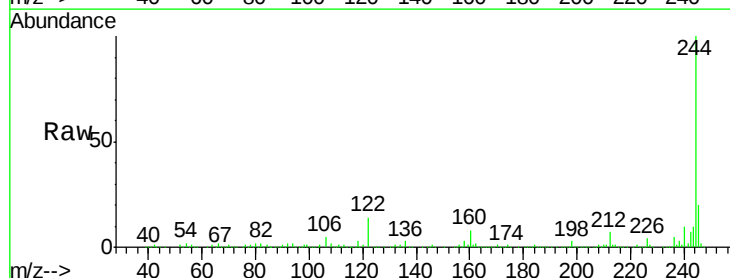
Tgt Ion:244 Resp: 987010

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

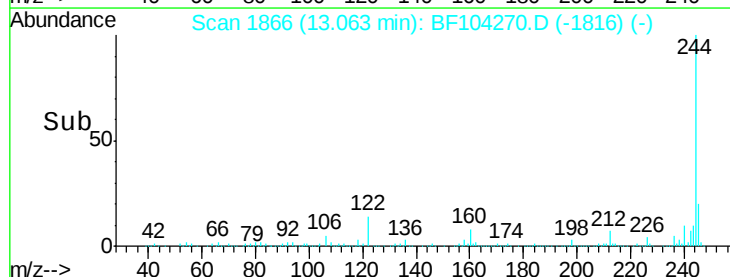
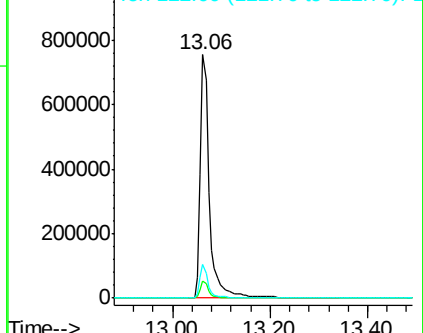
122 13.8 11.0 16.4

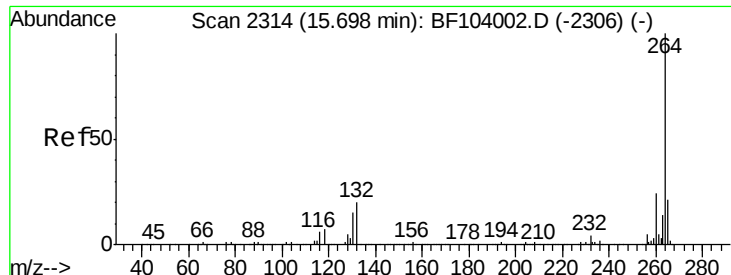


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

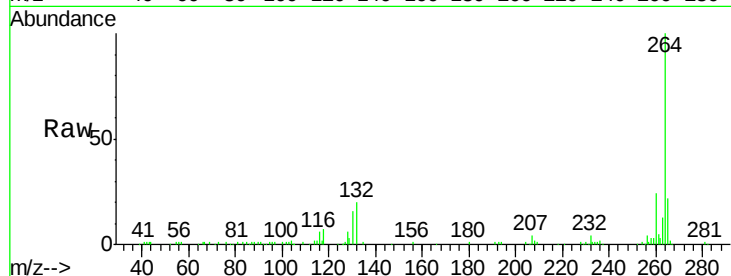




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104270.D
 Acq: 5 Apr 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.4	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

