

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107053.D
 Acq On : 2 Jul 2018 19:17
 Operator : JU/SJ
 Sample : J3732-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:24:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

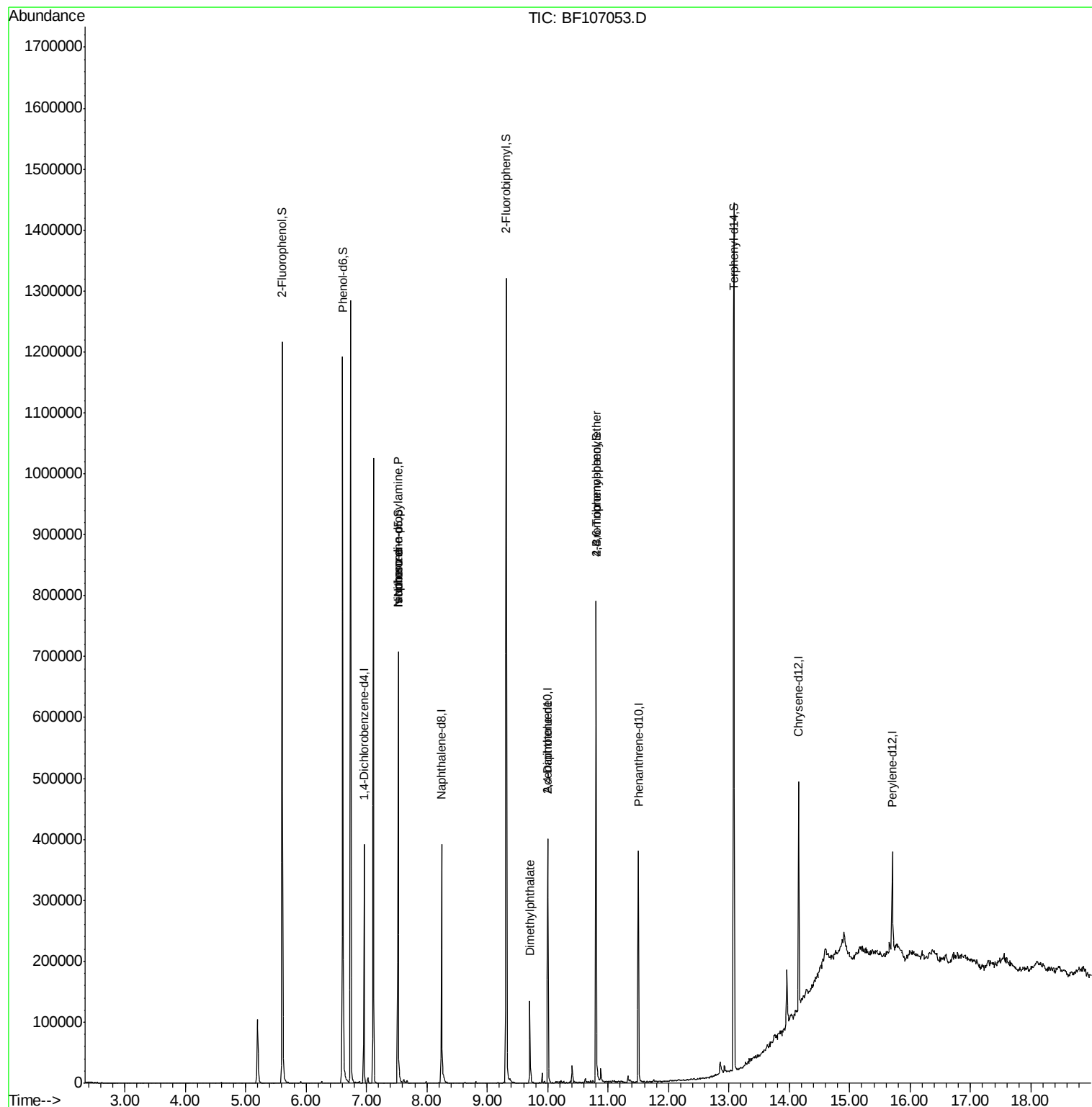
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	55242	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	194358	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	84886	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	166720	20.00	ng	0.00
75) Chrysene-d12	14.15	240	139064	20.00	ng	-0.01
86) Perylene-d12	15.71	264	96250	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	358981	110.04	ng	0.00
7) Phenol-d6	6.61	99	433300	106.36	ng	0.00
23) Nitrobenzene-d5	7.52	82	228816	65.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	115421	117.32	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	440836	88.51	ng	-0.01
78) Terphenyl-d14	13.08	244	513858	89.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	29672	11.049	ng	# 74
25) Isophorone	7.52	82	228812	37.128	ng	# 64
49) Dimethylphthalate	9.71	163	60553	9.511	ng	99
56) 2,4-Dinitrotoluene	10.00	165	10453	5.940	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	6973	3.505	ng	# 1

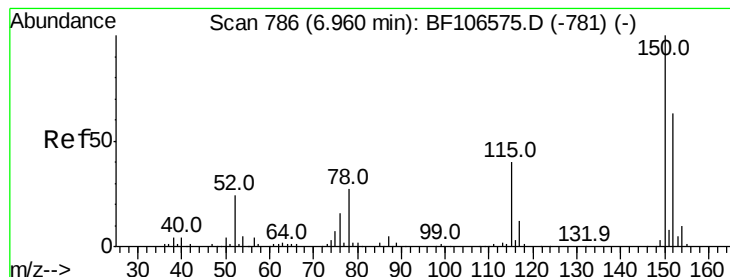
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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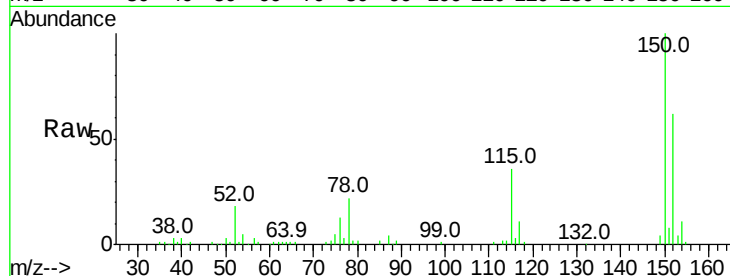


#1

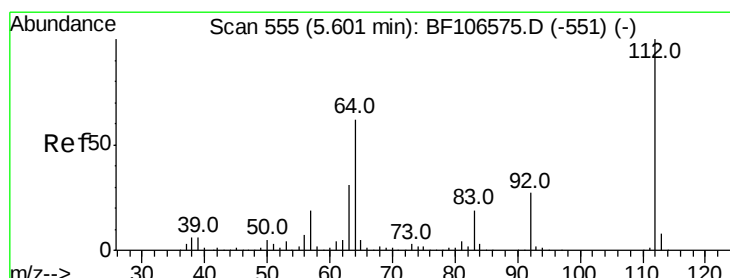
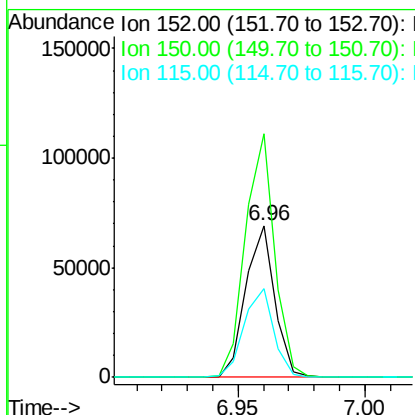
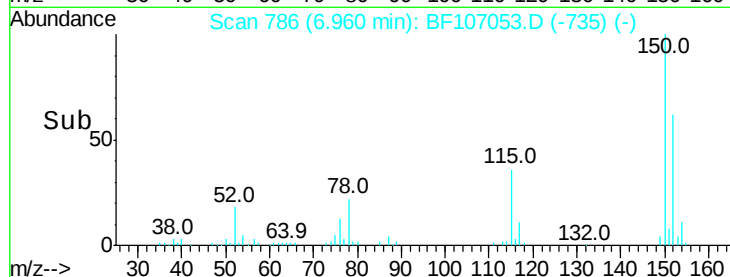
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF107053.D
Acq: 2 Jul 2018 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 55242
Ion Ratio Lower Upper
152 100
150 160.7 124.6 186.8
115 58.3 50.1 75.1



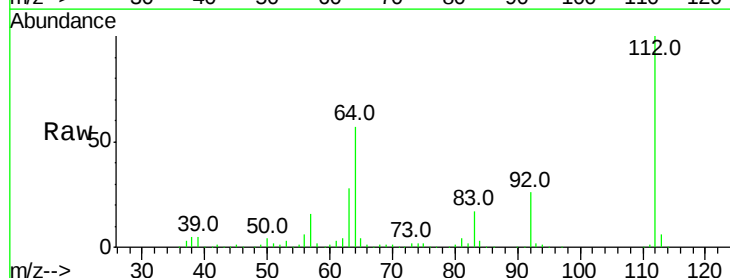
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



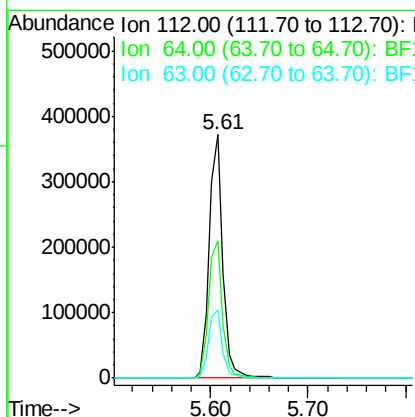
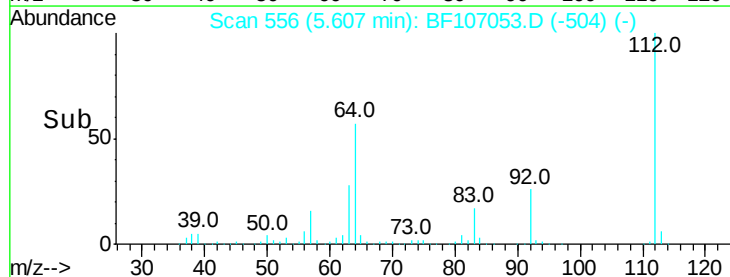
#5

2-Fluorophenol
Concen: 110.037 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF107053.D
Acq: 2 Jul 2018 19:17

Tgt Ion:112 Resp: 358981
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 28.0 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: 106.356 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107053.D

Acq: 2 Jul 2018 19:17

Instrument :

BNA_F

ClientSampled :

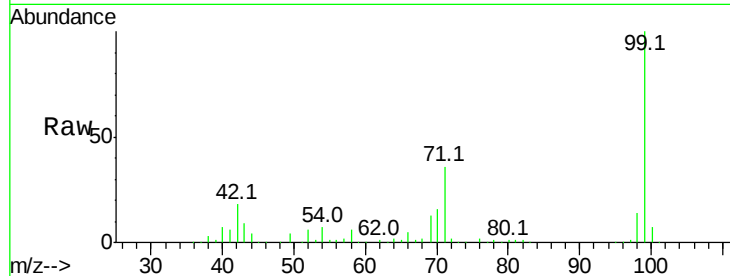
Tot Ion: 99 Resp: 433300

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

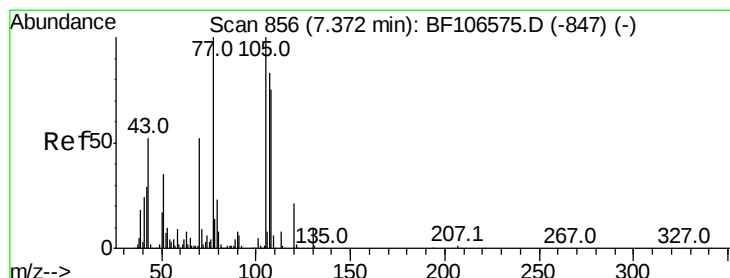
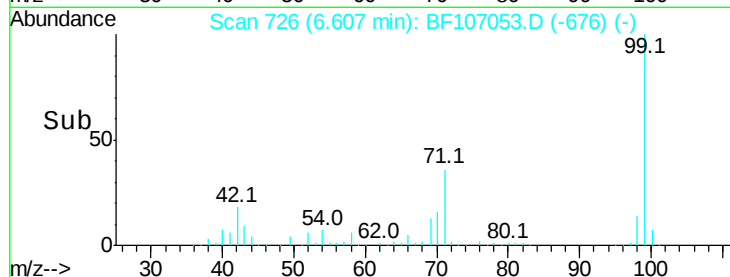
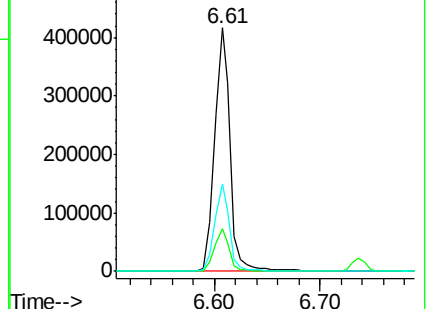
71 36.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.049 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF107053.D

Acq: 2 Jul 2018 19:17

Tgt Ion: 70 Resp: 29672

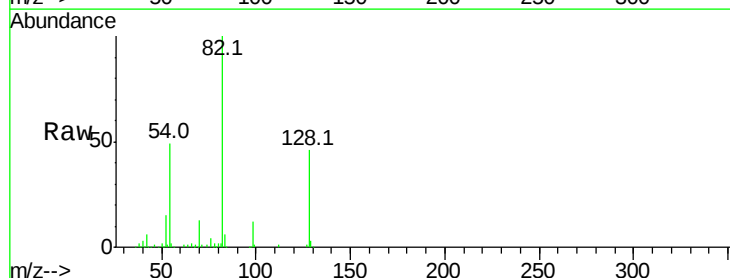
Ion Ratio Lower Upper

70 100

42 42.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

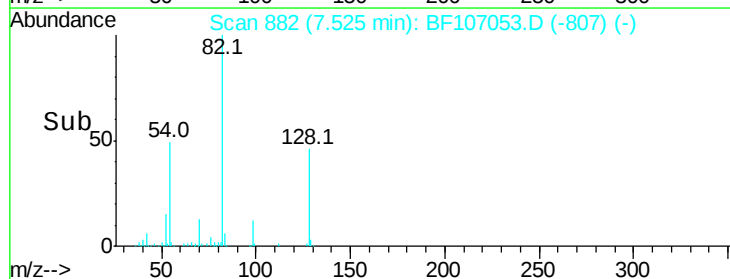
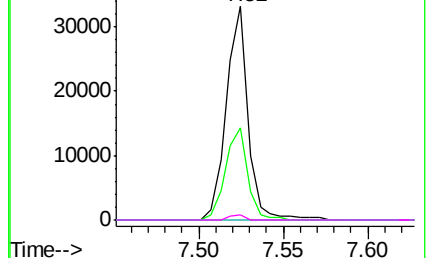


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

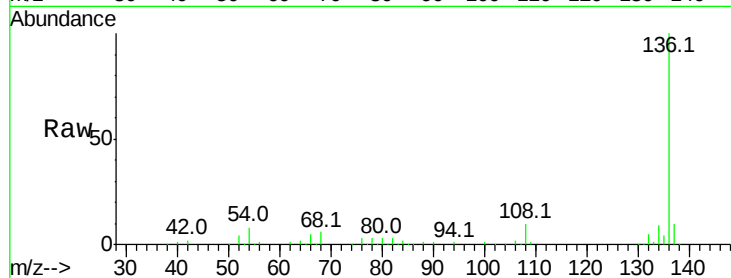




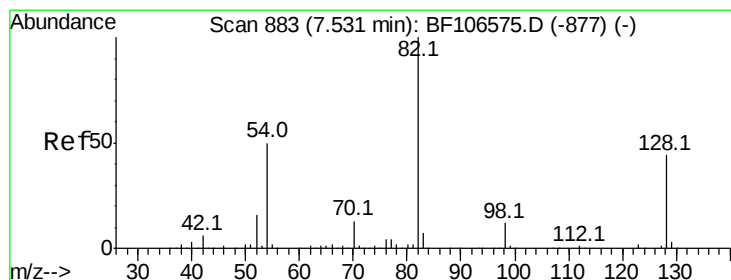
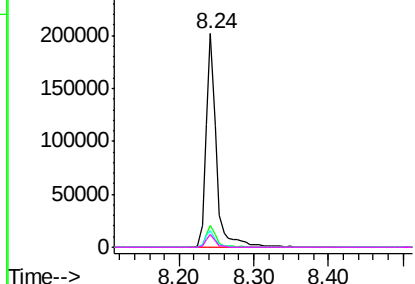
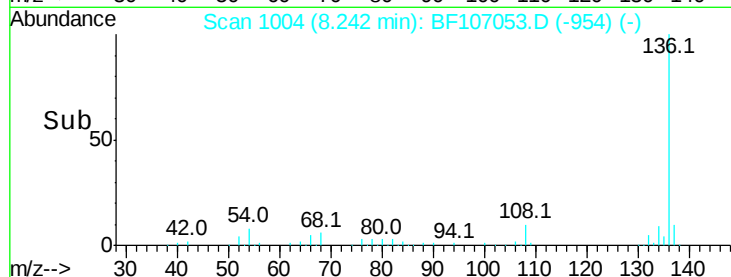
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107053.D
Acq: 2 Jul 2018 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	194358
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.8	6.6	9.8
68	6.1	5.0	7.4

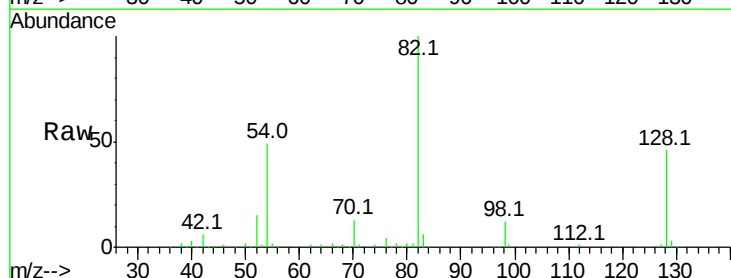


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

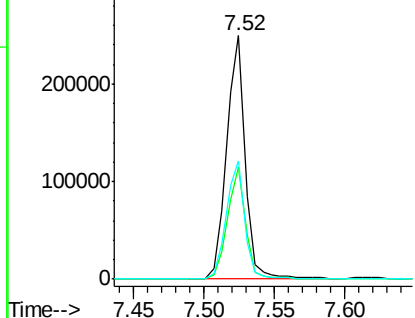
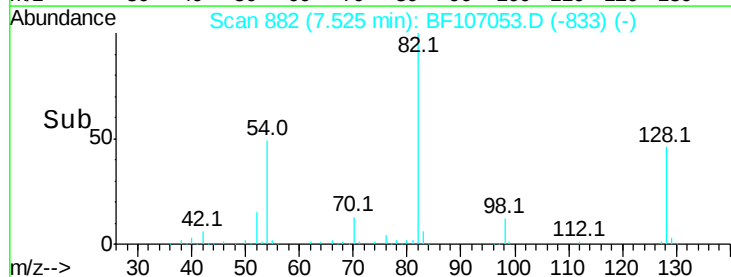


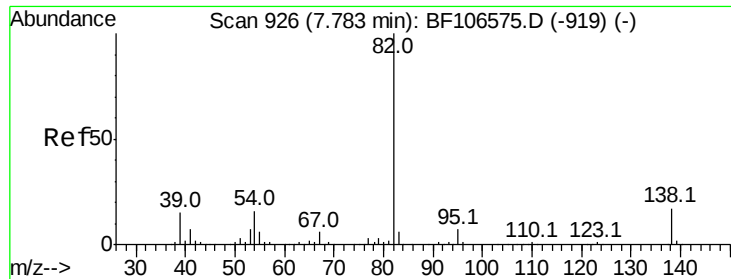
#23
Nitrobenzene-d5
Concen: 65.426 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107053.D
Acq: 2 Jul 2018 19:17

Tgt Ion:	82	Resp:	228816
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	48.8	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: 37.128 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF107053.D

Acq: 2 Jul 2018 19:17

Instrument :

BNA_F

ClientSampleId :

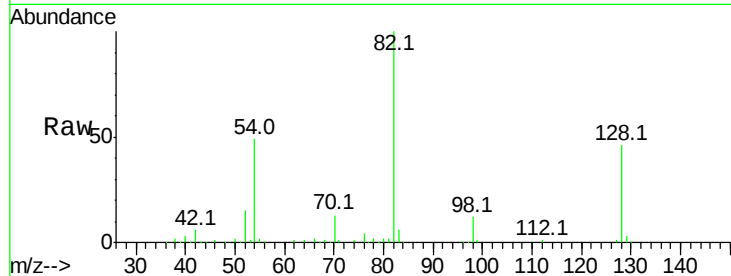
Tot Ion: 82 Resp: 228812

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

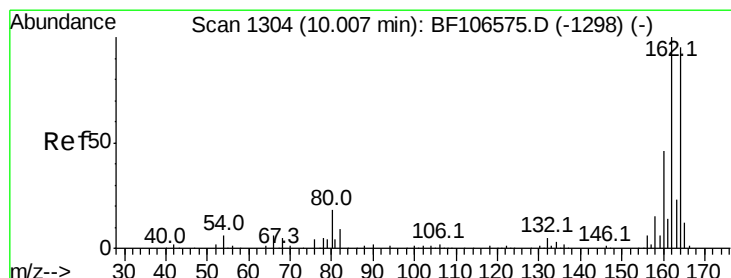
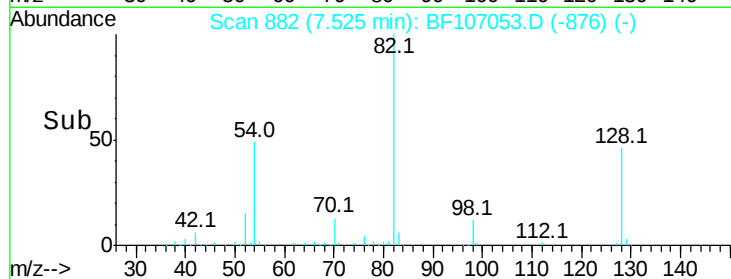
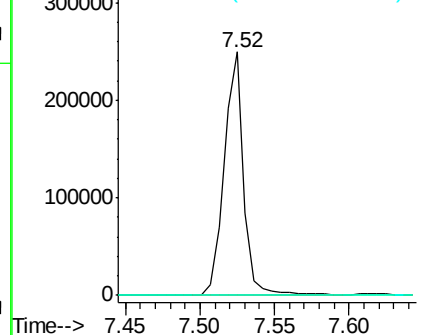
138 0.0 14.9 22.3#



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# 1303

Delta R.T. -0.01 min

Lab File: BF107053.D

Acq: 2 Jul 2018 19:17

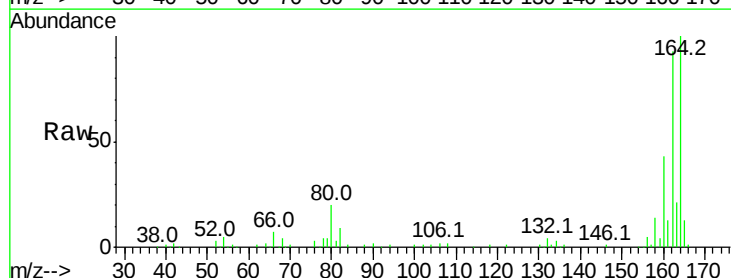
Tgt Ion:164 Resp: 84886

Ion Ratio Lower Upper

164 100

162 93.2 86.1 129.1

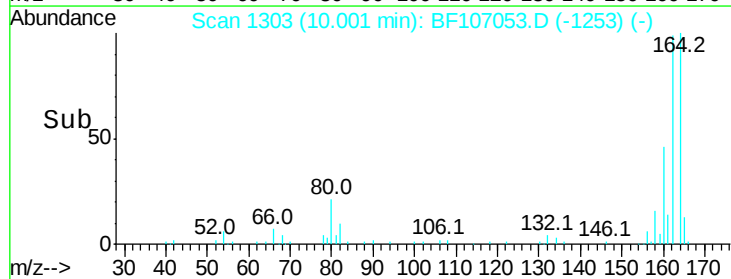
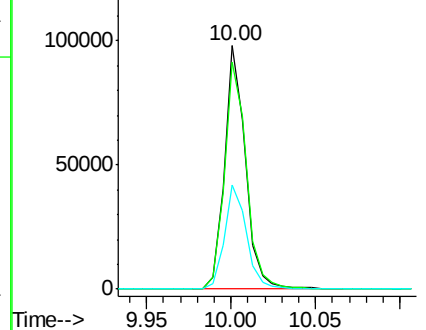
160 42.9 38.3 57.5



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

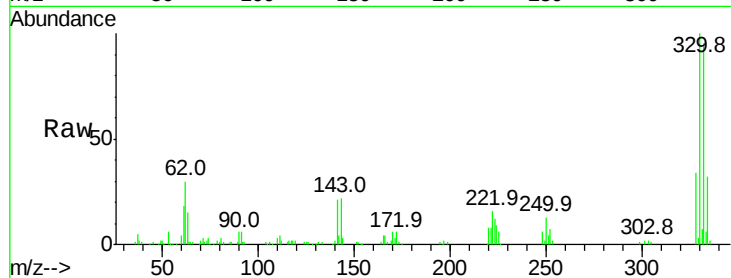




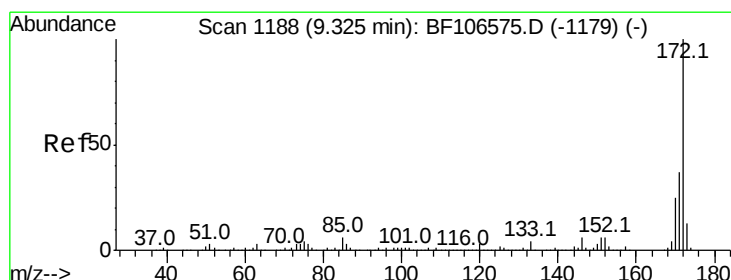
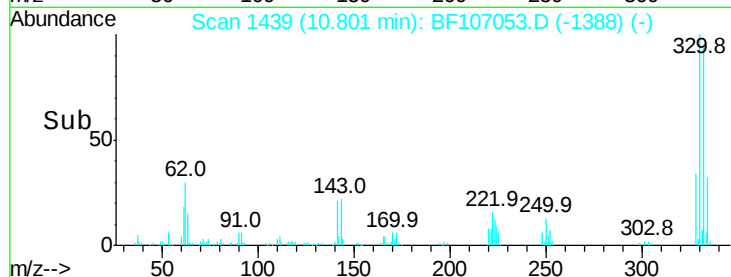
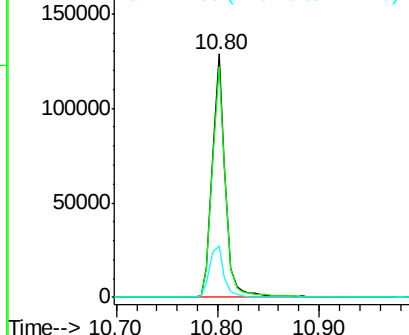
#41
 2,4,6-Tribromophenol
 Concen: 117.315 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107053.D
 Acq: 2 Jul 2018 19:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 115421
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 23.5 29.9 44.9#

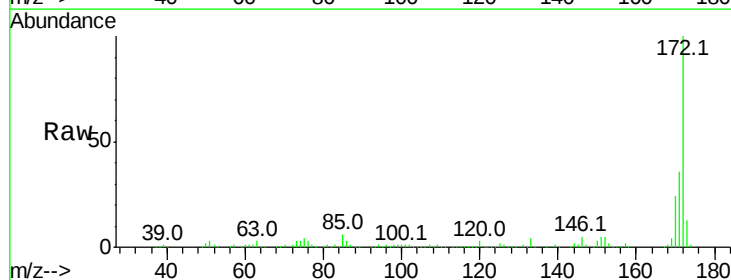


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

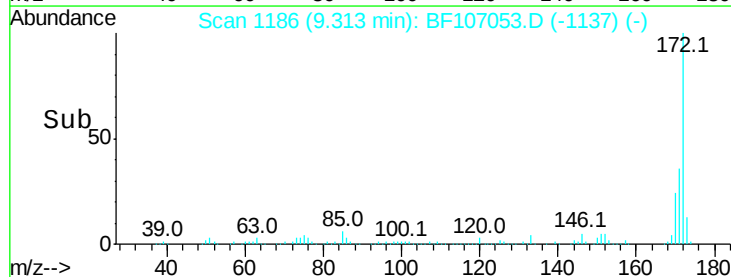
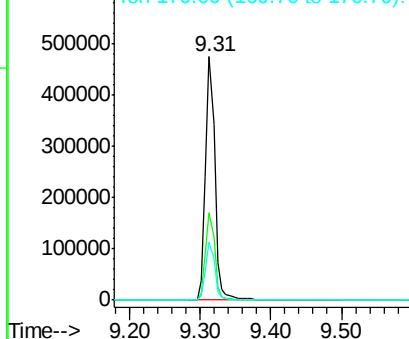


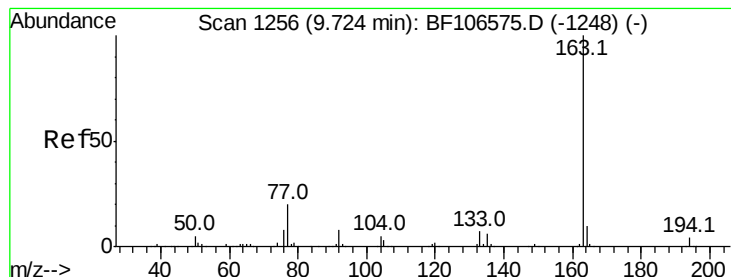
#44
 2-Fluorobiphenyl
 Concen: 88.512 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107053.D
 Acq: 2 Jul 2018 19:17

Tgt Ion:172 Resp: 440836
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.7 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: 9.511 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF107053.D

Acq: 2 Jul 2018 19:17

Instrument :

BNA_F

ClientSampleId :

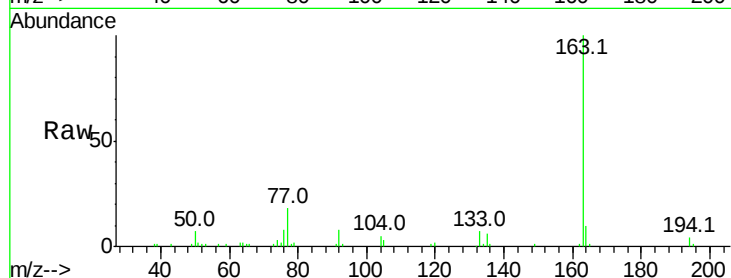
Tot Ion:163 Resp: 60553

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

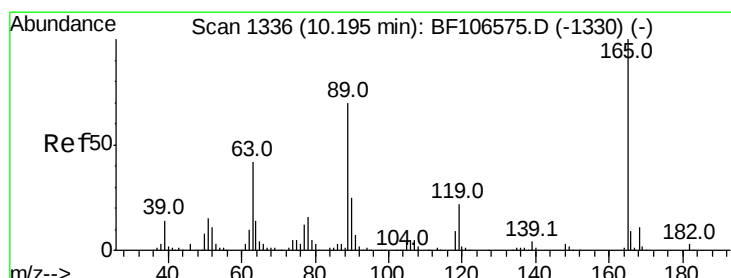
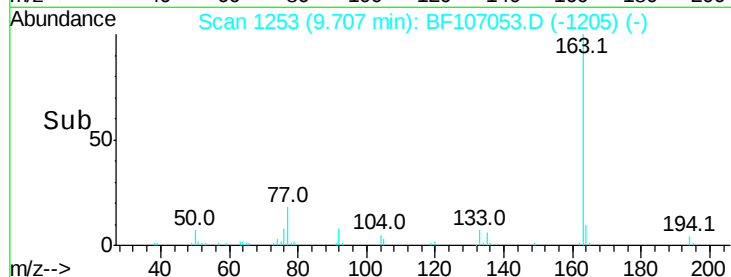
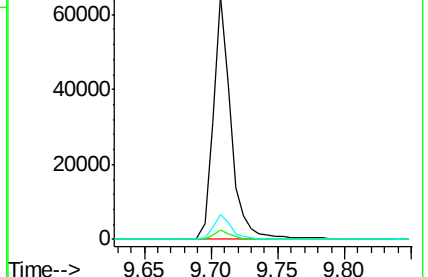
164 10.4 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 5.940 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF107053.D

Acq: 2 Jul 2018 19:17

Tgt Ion:165 Resp: 10453

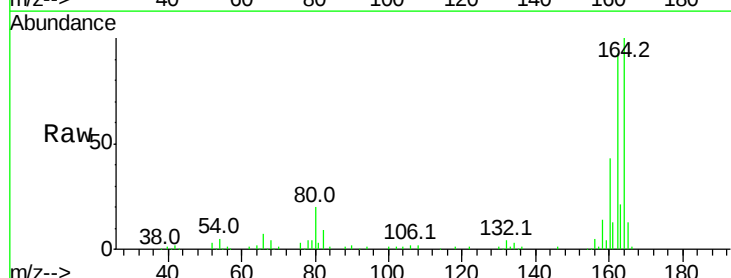
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

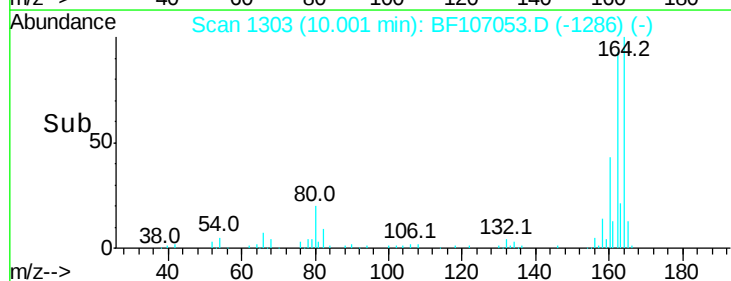
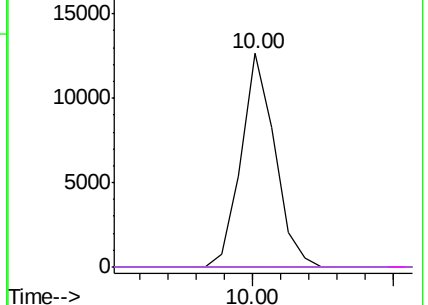


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

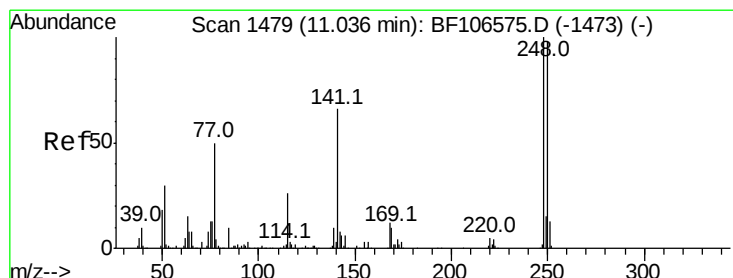
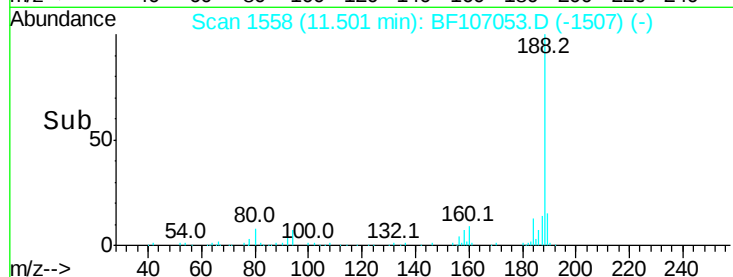
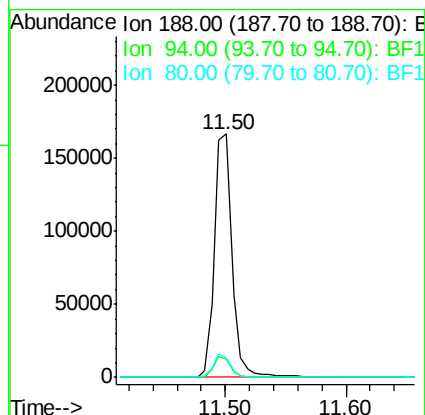
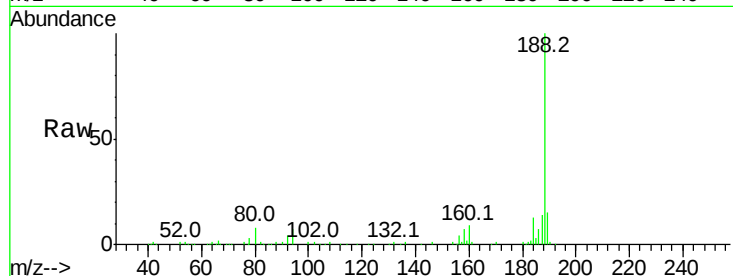




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107053.D
Acq: 2 Jul 2018 19:17

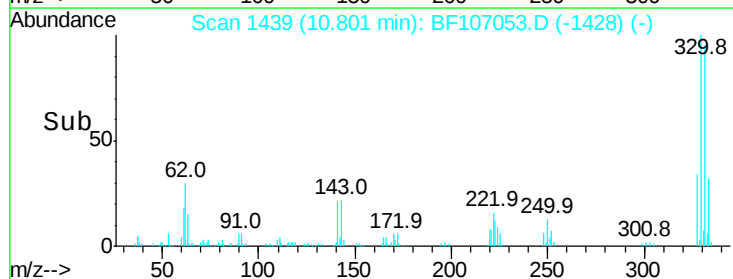
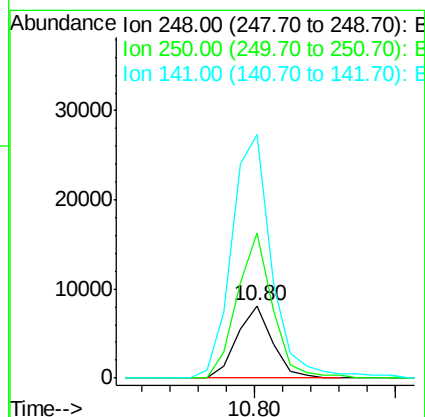
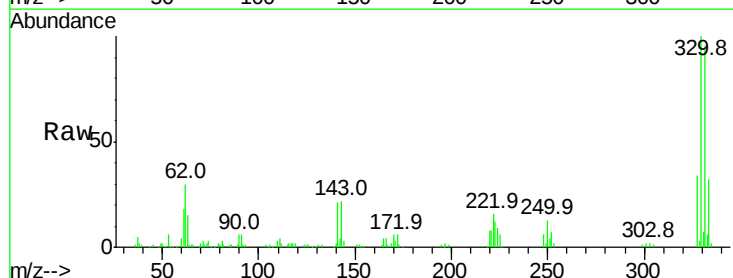
Instrument :
BNA_F
ClientSampleId :

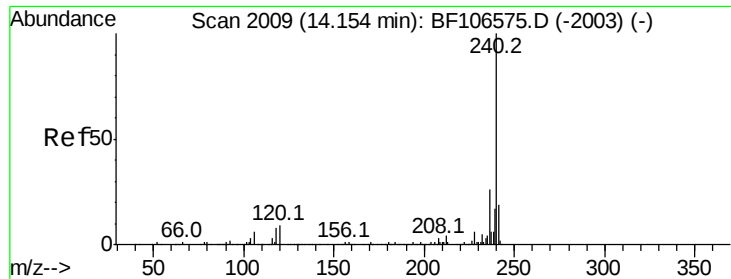
Tot Ion:188 Resp: 166720
Ion Ratio Lower Upper
188 100
94 7.4 8.5 12.7#
80 7.9 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 3.505 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF107053.D
Acq: 2 Jul 2018 19:17

Tgt Ion:248 Resp: 6973
Ion Ratio Lower Upper
248 100
250 200.2 76.9 115.3#
141 337.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107053.D

Acq: 2 Jul 2018 19:17

Instrument :

BNA_F

ClientSampleId :

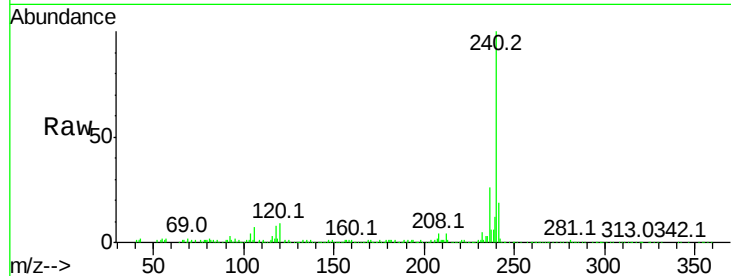
Tot Ion:240 Resp: 139064

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

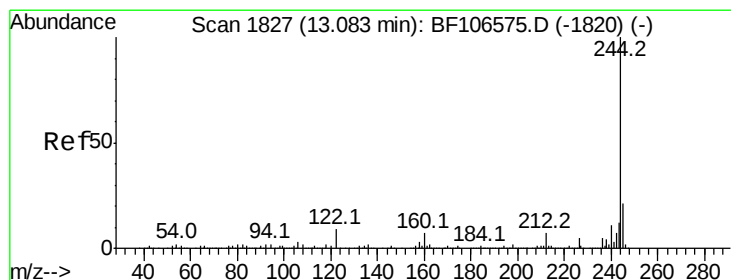
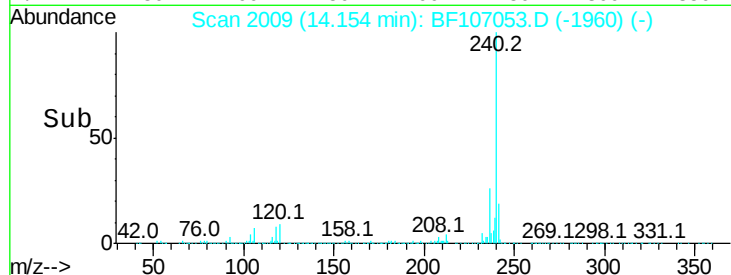
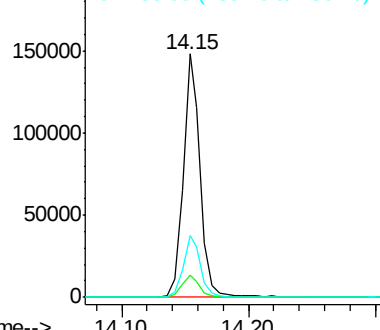
236 25.6 20.7 31.1



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: 89.507 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF107053.D

Acq: 2 Jul 2018 19:17

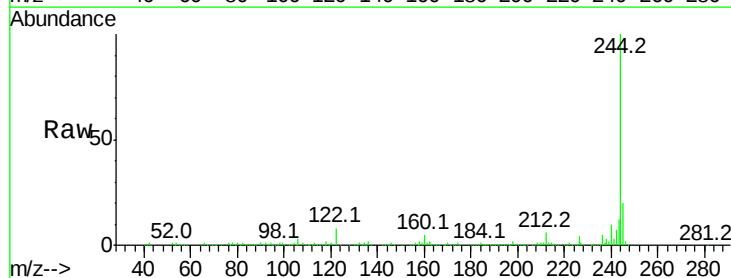
Tgt Ion:244 Resp: 513858

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

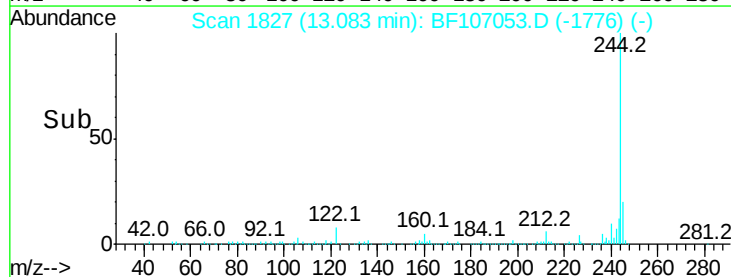
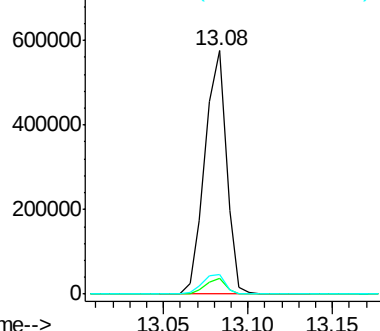
122 7.9 11.0 16.4#

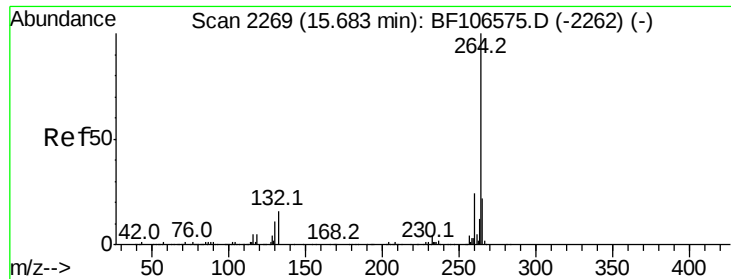


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

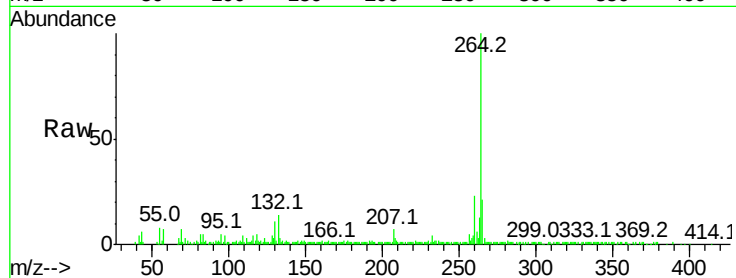




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BF107053.D
 Acq: 2 Jul 2018 19:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.0	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

