

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107063.D
 Acq On : 3 Jul 2018 1:10
 Operator : JU/SJ
 Sample : J3799-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Quant Time: Jul 03 03:50:47 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

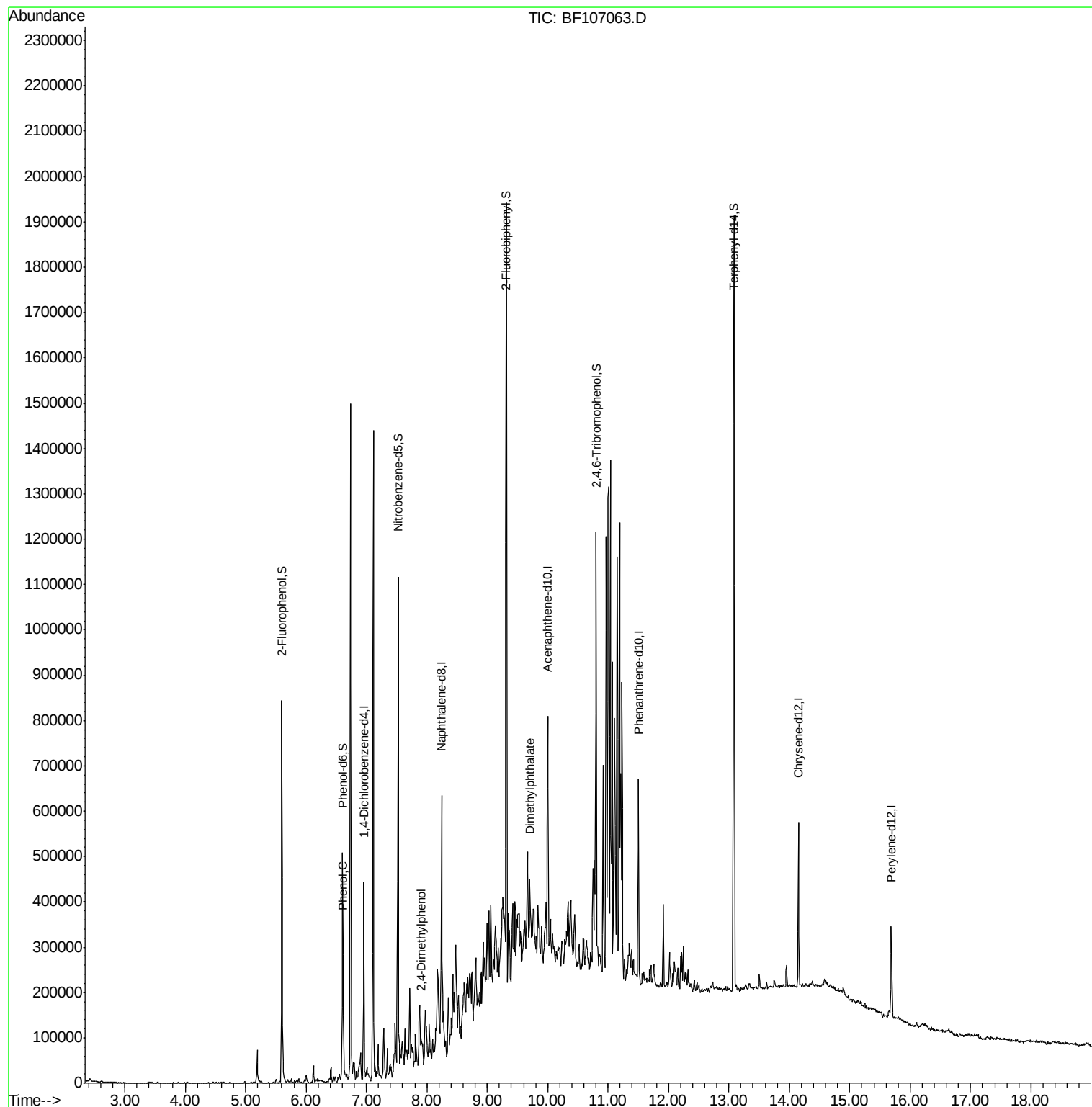
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	61317	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	207662	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	91503	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	162687	20.00	ng	0.00
75) Chrysene-d12	14.15	240	142802	20.00	ng	-0.01
86) Perylene-d12	15.69	264	106195	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	249032	68.77	ng	0.00
7) Phenol-d6	6.61	99	196499	43.45	ng	0.00
23) Nitrobenzene-d5	7.52	82	353422	94.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	162104	152.85	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	624446	121.92	ng	0.00
78) Terphenyl-d14	13.08	244	668584	113.41	ng	0.00
Target Compounds						
10) Phenol	6.62	94	13267	2.571	ng	90
27) 2,4-Dimethylphenol	7.90	122	5725	2.057	ng	95
49) Dimethylphthalate	9.71	163	51668	7.529	ng	# 91

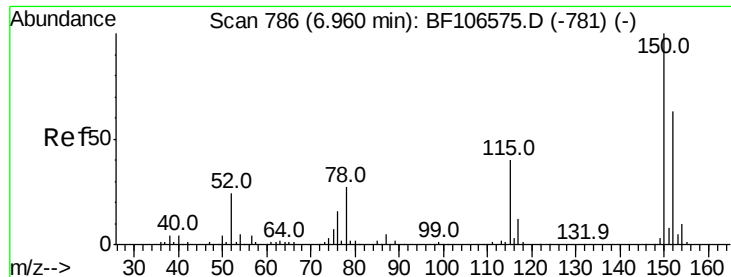
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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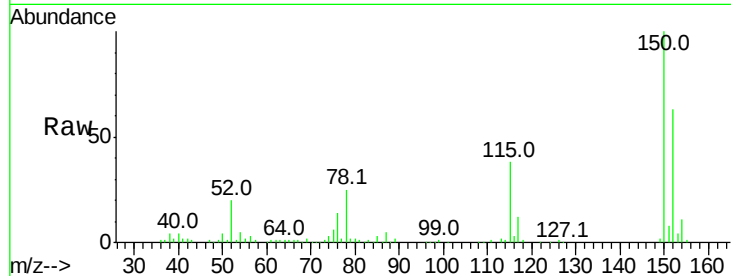


#1

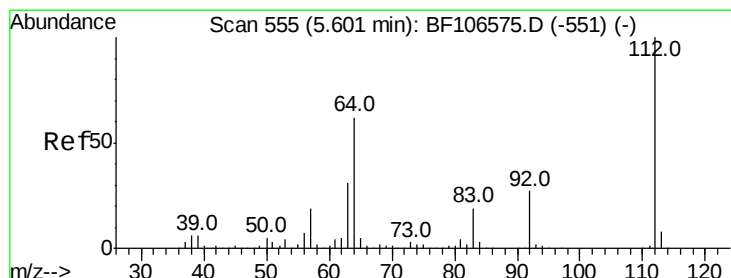
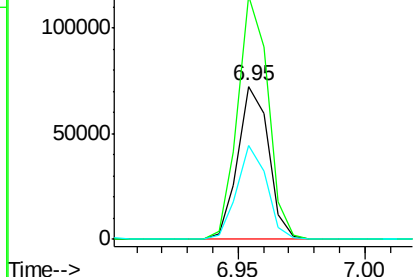
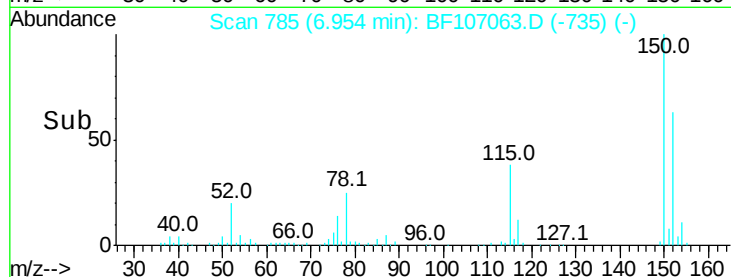
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107063.D
Acq: 3 Jul 2018 1:10

Instrument :
BNA_F
ClientSampleId :
MW-6

Tot Ion:152 Resp: 61317
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 61.0 50.1 75.1



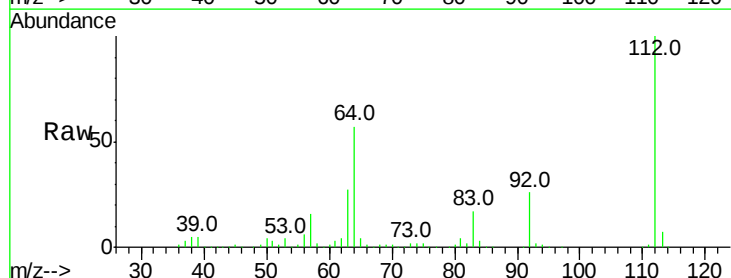
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



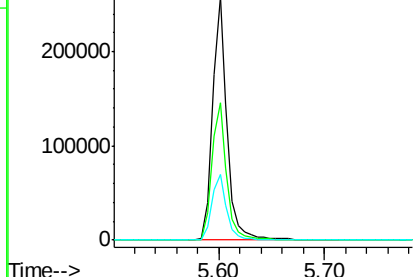
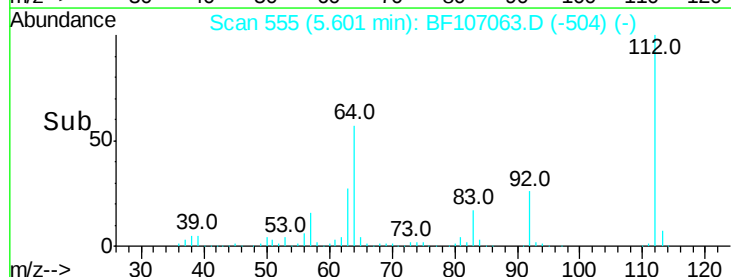
#5

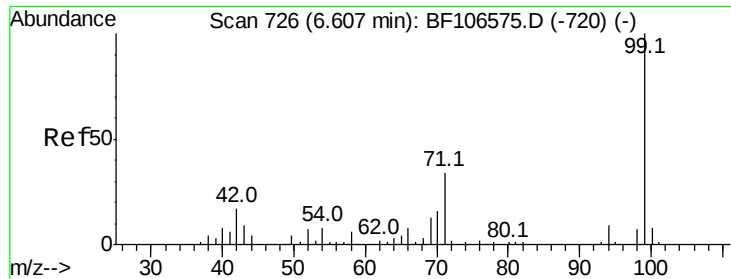
2-Fluorophenol
Concen: 68.772 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107063.D
Acq: 3 Jul 2018 1:10

Tgt Ion:112 Resp: 249032
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 27.2 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: 43.453 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107063.D

Acq: 3 Jul 2018 1:10

Instrument :

BNA_F

ClientSampleId :

MW-6

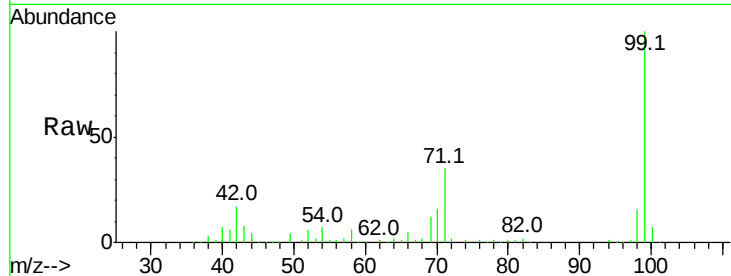
Tot Ion: 99 Resp: 196499

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

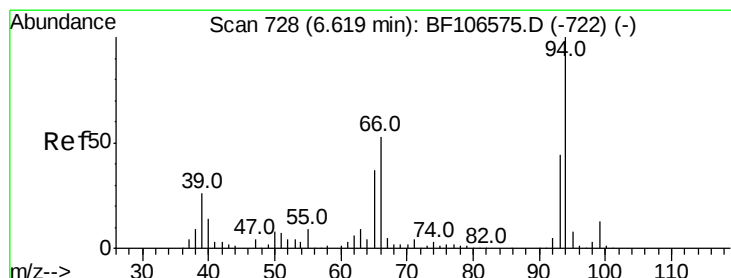
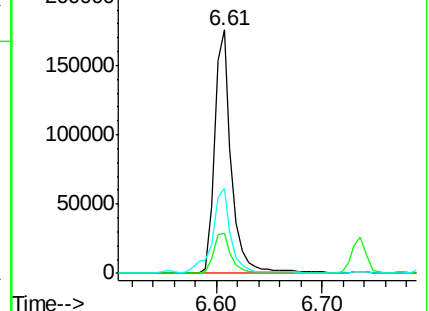
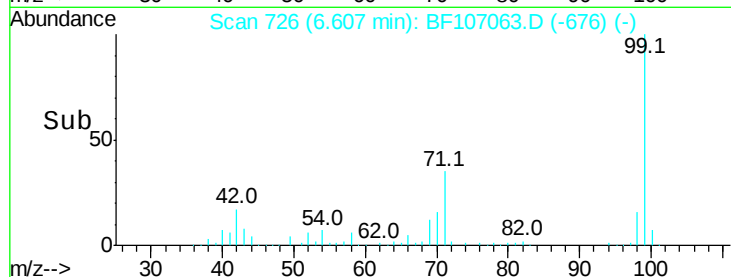
71 34.6 25.4 38.0



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: 2.571 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107063.D

Acq: 3 Jul 2018 1:10

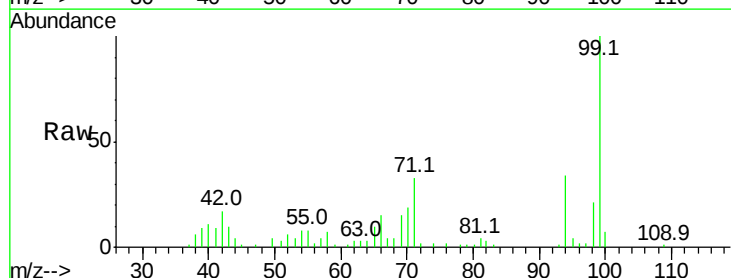
Tgt Ion: 94 Resp: 13267

Ion Ratio Lower Upper

94 100

65 30.2 7.9 47.9

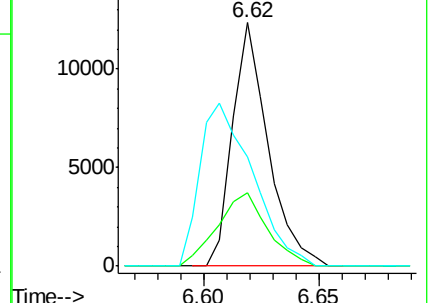
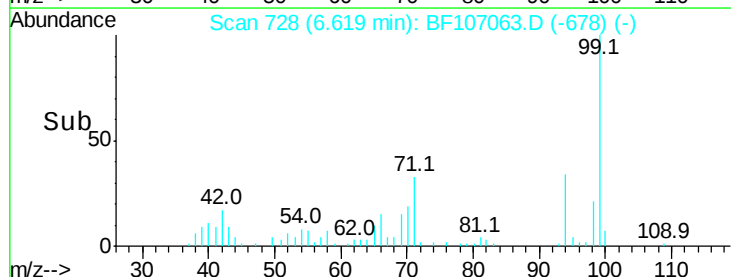
66 44.9 16.2 56.2

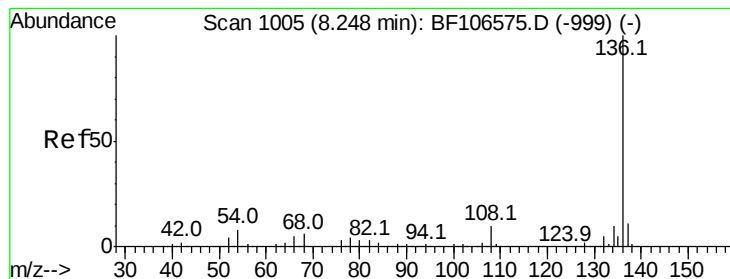


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107063.D

Acq: 3 Jul 2018 1:10

Instrument :

BNA_F

ClientSampleId :

MW-6

Tot Ion:136 Resp: 207662

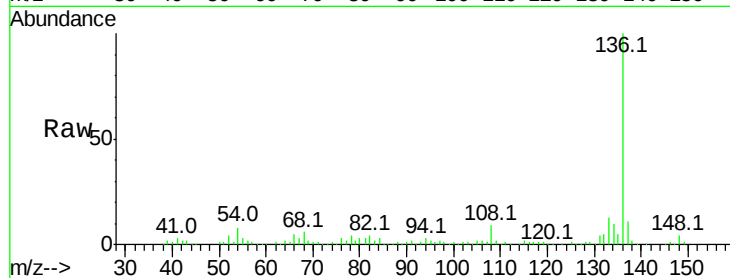
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.9 6.6 9.8

68 6.5 5.0 7.4

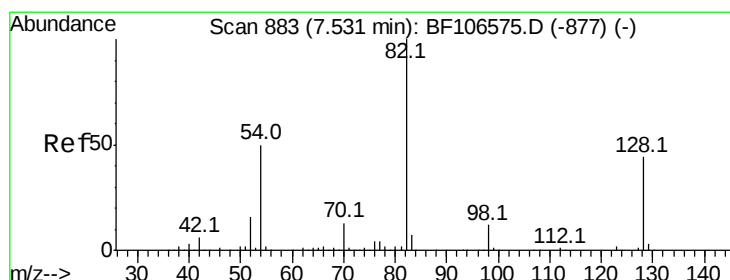
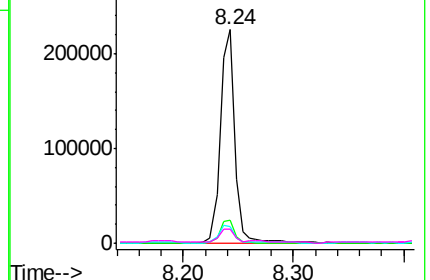
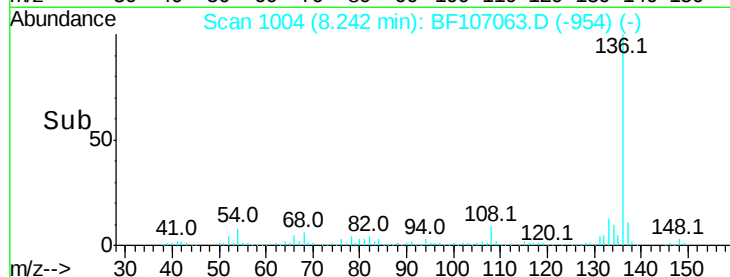


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.581 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107063.D

Acq: 3 Jul 2018 1:10

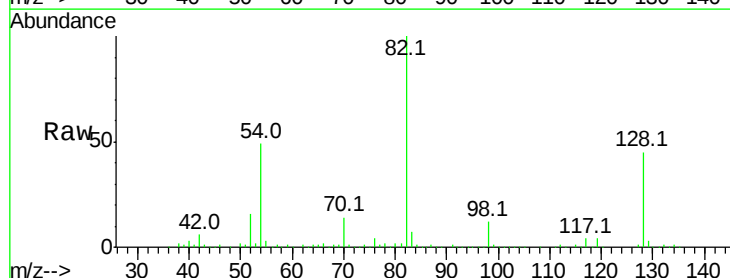
Tgt Ion: 82 Resp: 353422

Ion Ratio Lower Upper

82 100

128 45.2 36.1 54.1

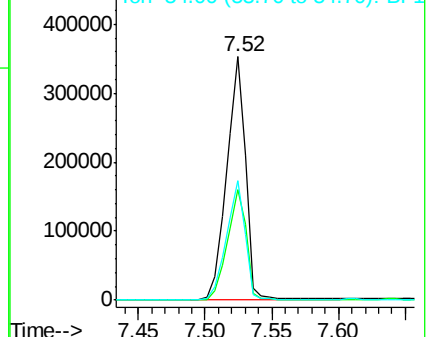
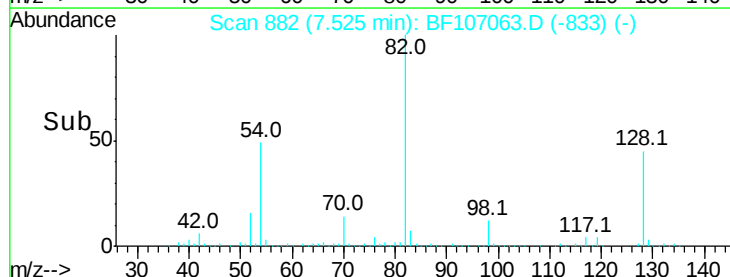
54 48.9 41.4 62.2

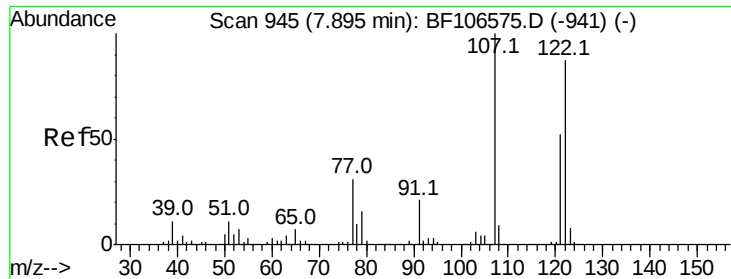


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

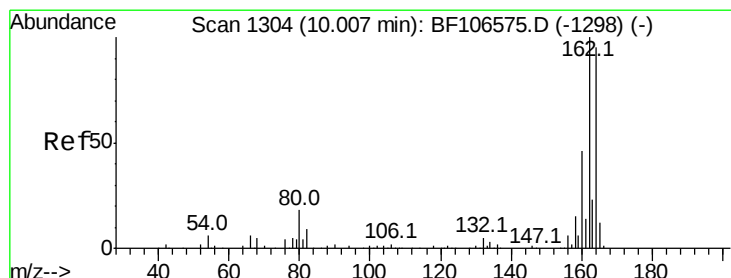
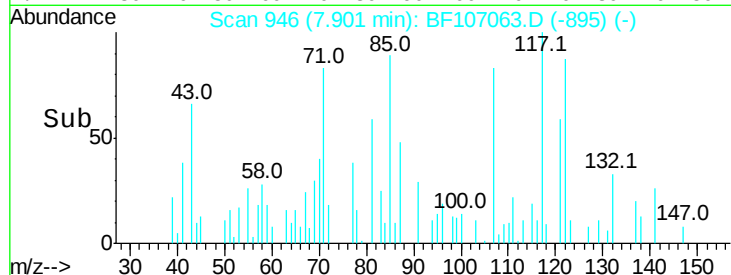
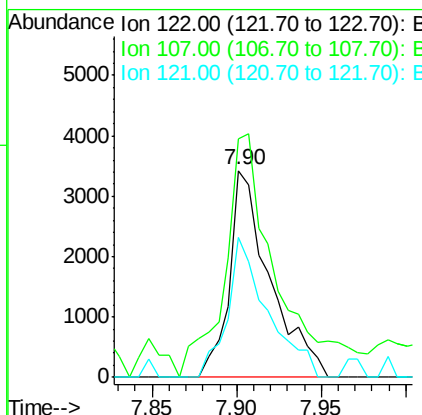
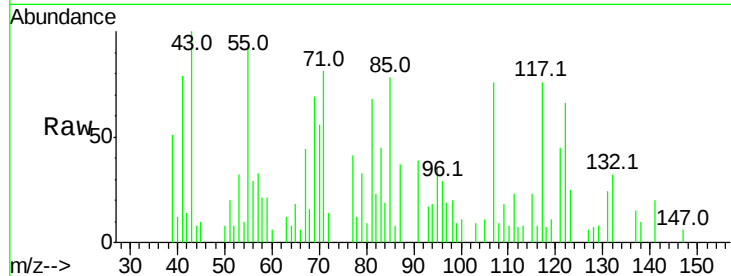




#27
 2,4-Dimethylphenol
 Concen: 2.057 ng
 RT: 7.90 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF107063.D
 Acq: 3 Jul 2018 1:10

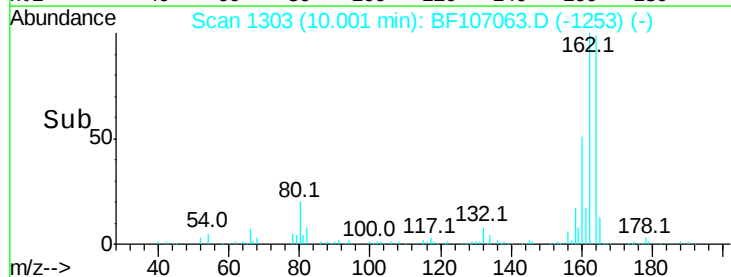
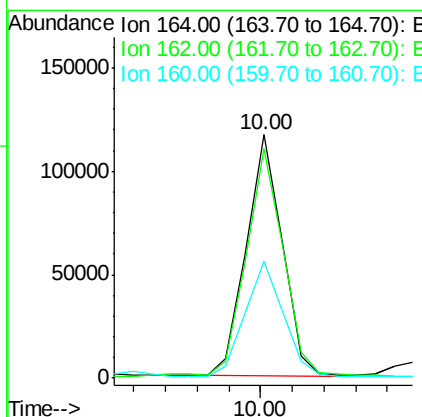
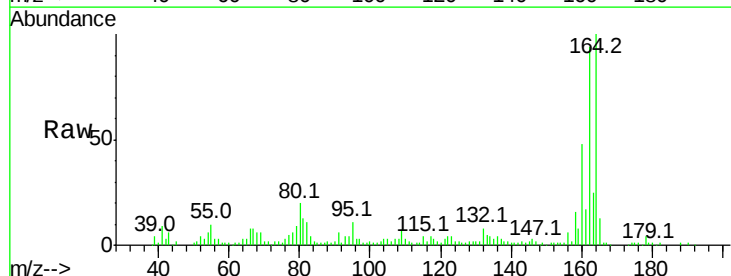
Instrument :
 BNA_F
 ClientSampleId :
 MW-6

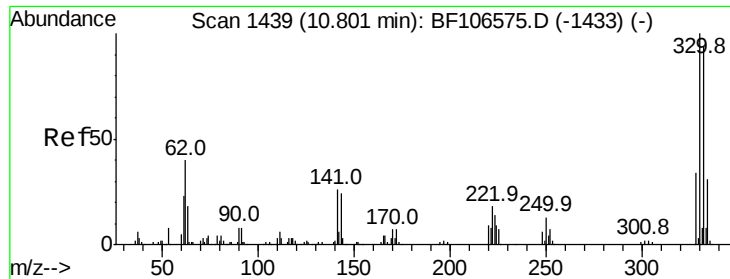
Tot Ion:122 Resp: 5725
 Ion Ratio Lower Upper
 122 100
 107 115.1 91.2 136.8
 121 67.7 47.2 70.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107063.D
 Acq: 3 Jul 2018 1:10

Tgt Ion:164 Resp: 91503
 Ion Ratio Lower Upper
 164 100
 162 94.3 86.1 129.1
 160 48.2 38.3 57.5

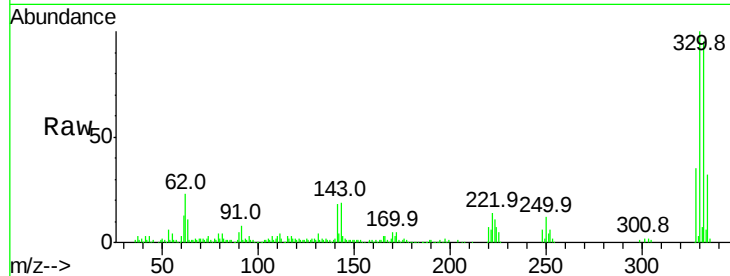




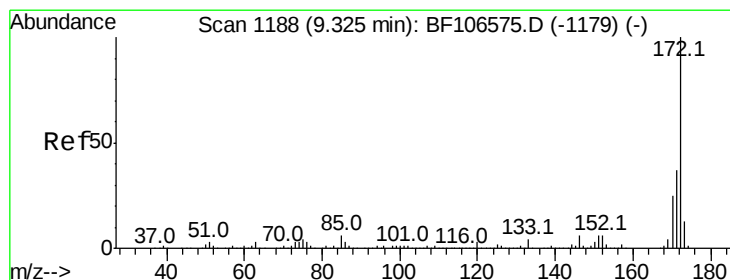
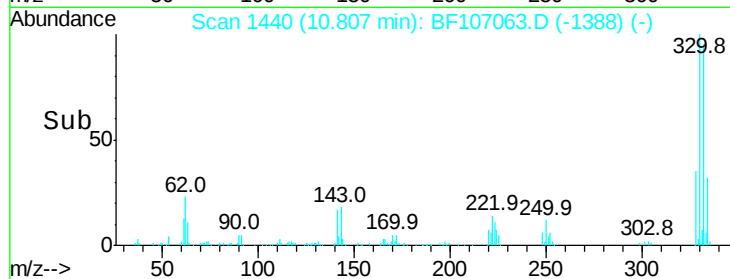
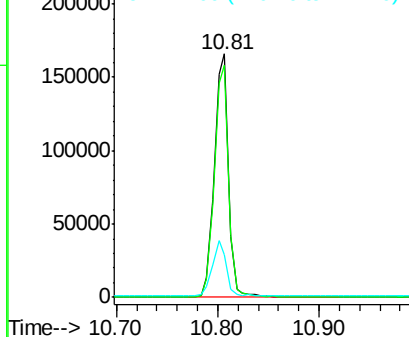
#41
 2,4,6-Tribromophenol
 Concen: 152.850 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF107063.D
 Acq: 3 Jul 2018 1:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Tot Ion:330 Resp: 162104
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 22.2 29.9 44.9#

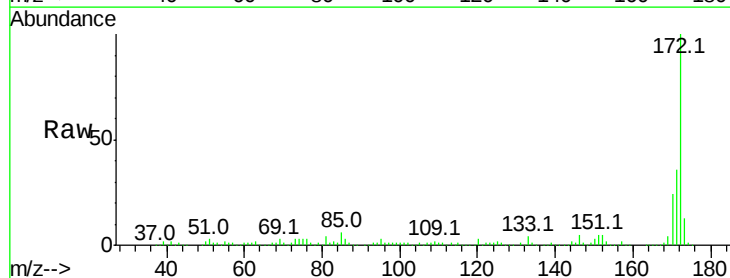


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

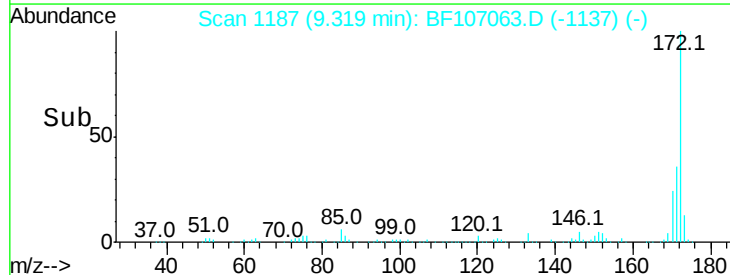
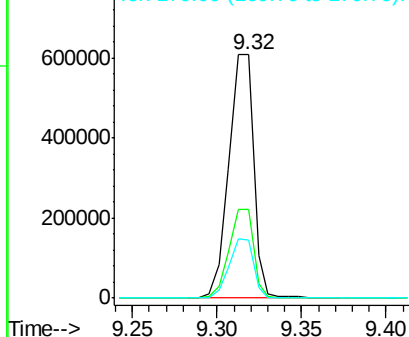


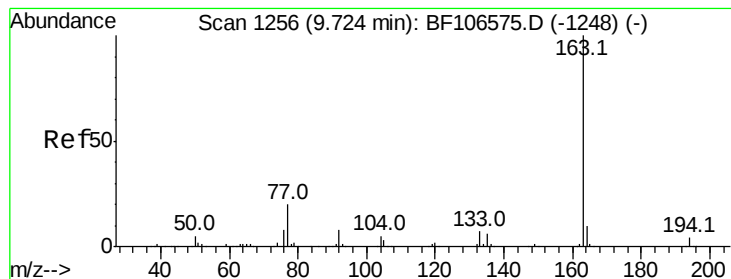
#44
 2-Fluorobiphenyl
 Concen: 121.917 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF107063.D
 Acq: 3 Jul 2018 1:10

Tgt Ion:172 Resp: 624446
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.9 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: 7.529 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF107063.D

Acq: 3 Jul 2018 1:10

Instrument :

BNA_F

ClientSampleId :

MW-6

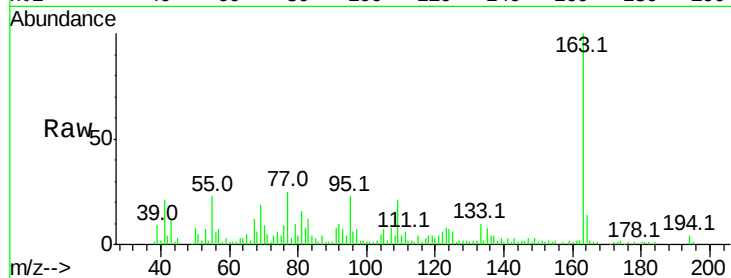
Tot Ion:163 Resp: 51668

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

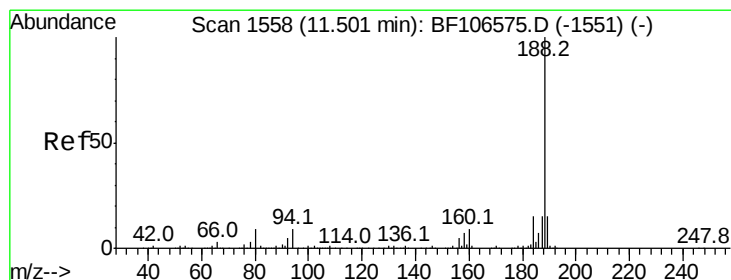
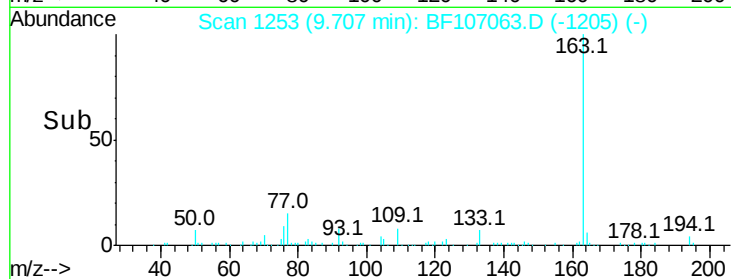
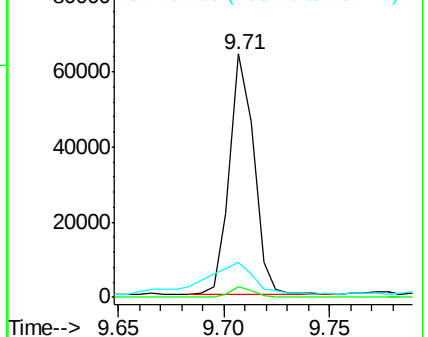
164 14.2 8.2 12.2#



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF107063.D

Acq: 3 Jul 2018 1:10

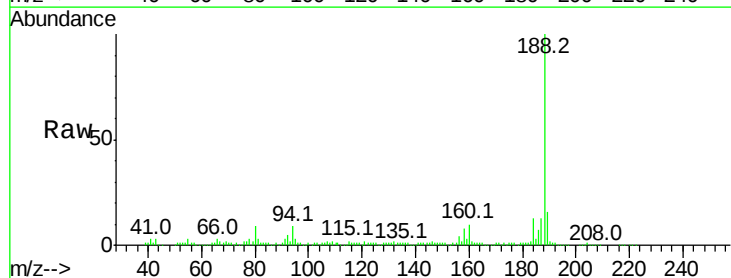
Tgt Ion:188 Resp: 162687

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

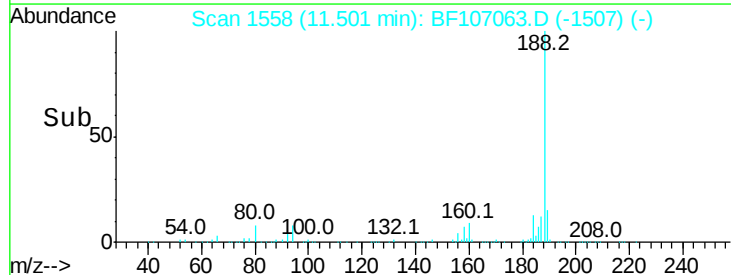
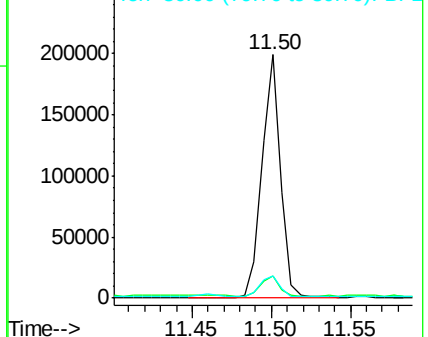
80 9.1 9.2 13.8#

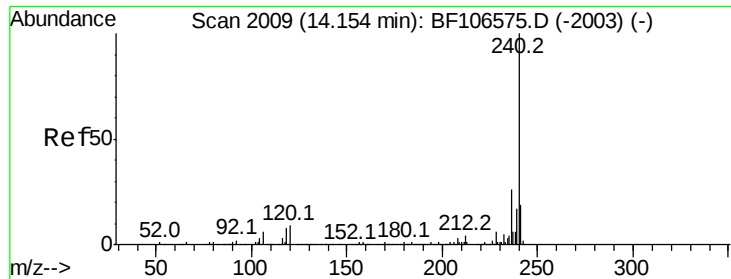


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107063.D

Acq: 3 Jul 2018 1:10

Instrument :

BNA_F

ClientSampleId :

MW-6

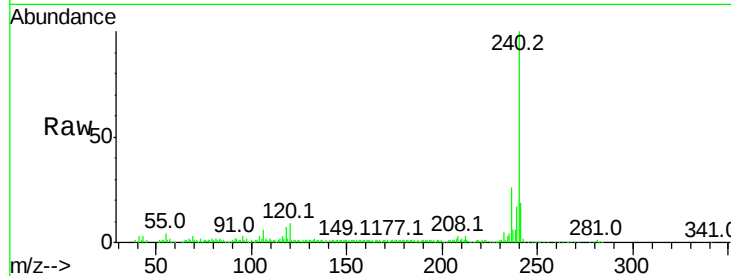
Tot Ion:240 Resp: 142802

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

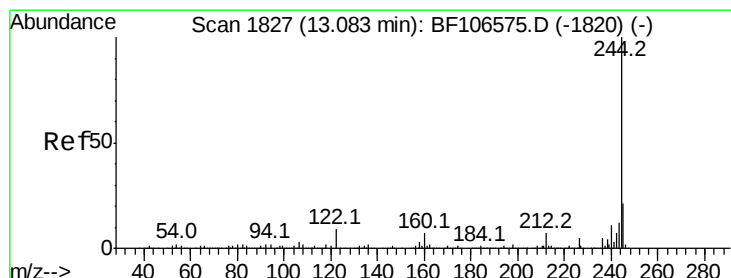
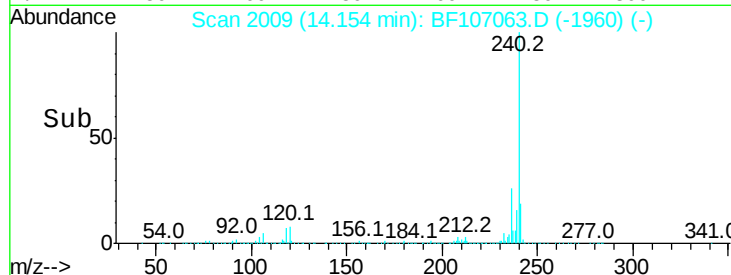
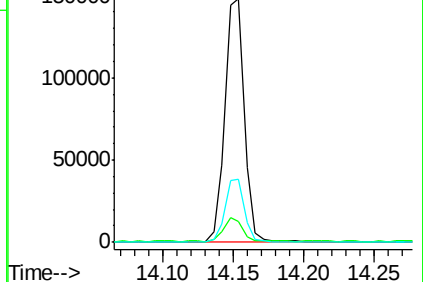
236 25.8 20.7 31.1



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: 113.409 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF107063.D

Acq: 3 Jul 2018 1:10

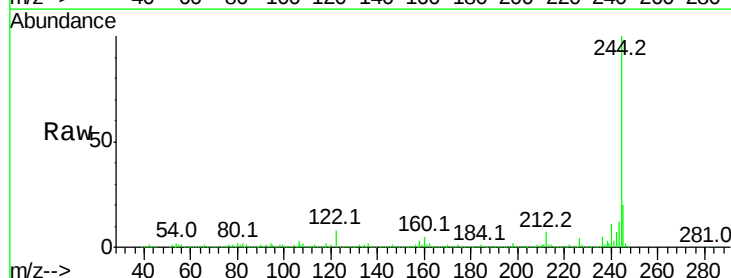
Tgt Ion:244 Resp: 668584

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

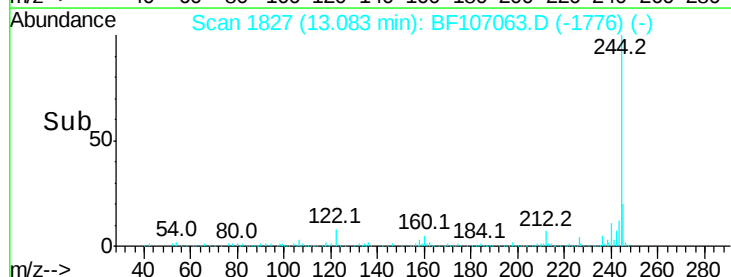
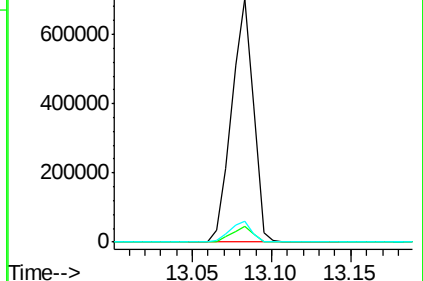
122 8.3 11.0 16.4#

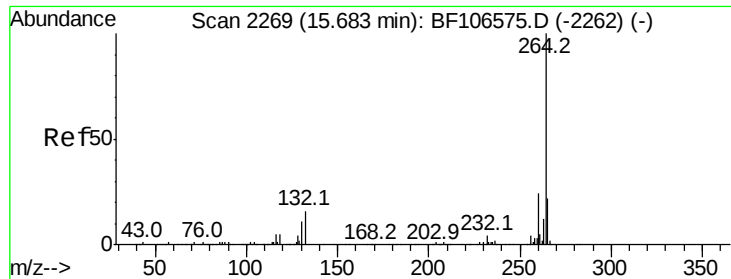


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107063.D
Acq: 3 Jul 2018 1:10

Instrument :
BNA_F
ClientSampleId :
MW-6

Tot Ion:264 Resp: 106195
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.7 17.5 26.3

