

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 :

Quant Time: Jul 03 03:38:00 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

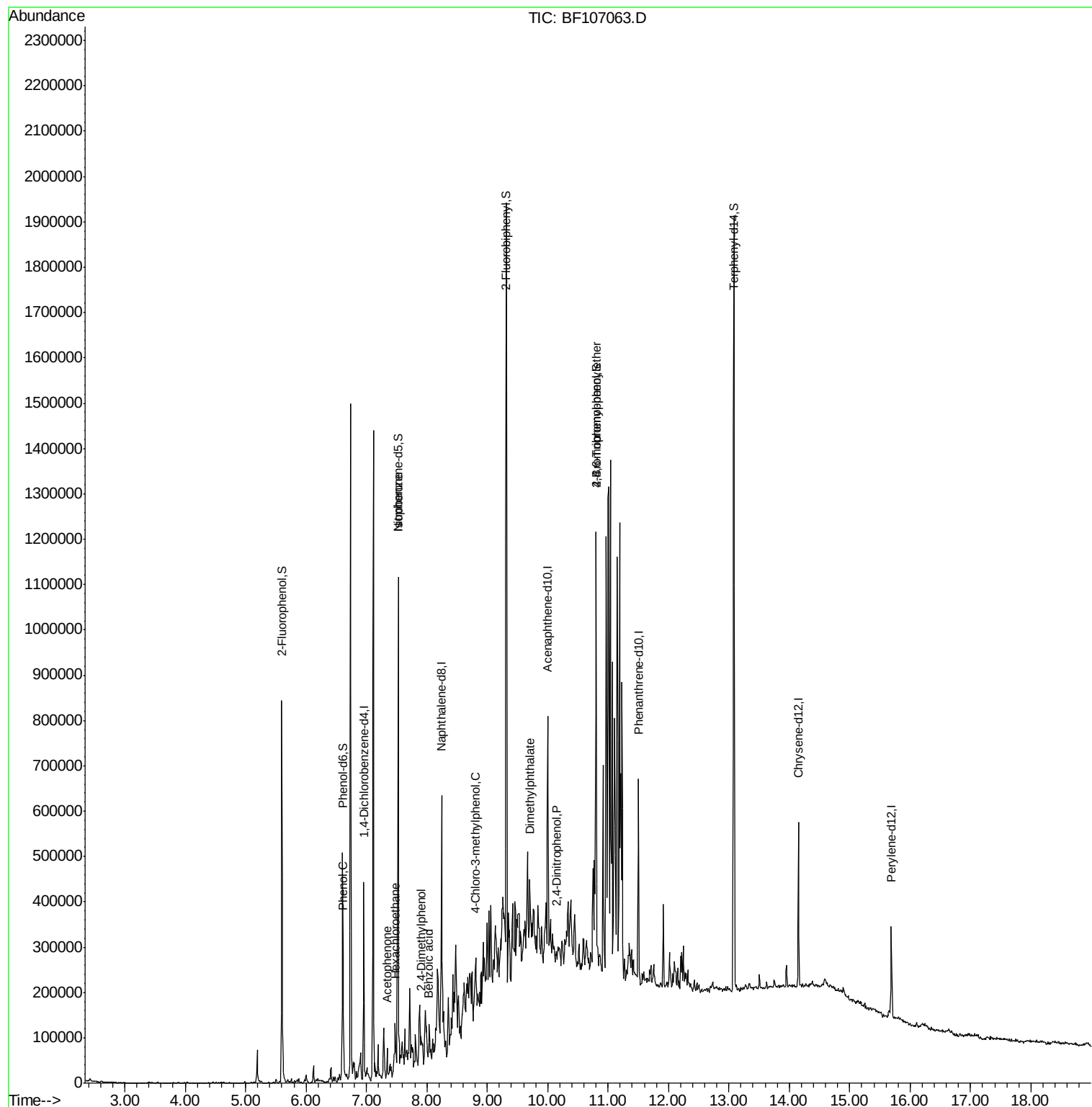
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.62	94	13267	2.571	ng	90
18) Hexachloroethane	7.48	117	6229	3.766	ng	# 1
20) 3+4-Methylphenols	7.40	107	106	Below Cal		# 1
22) Acetophenone	7.34	105	15747	3.389	ng	# 59
25) Isophorone	7.52	82	353527	53.690	ng	# 64
27) 2,4-Dimethylphenol	7.90	122	5725	2.057	ng	95
32) Benzoic acid	8.02	122	822	6.089	ng	# 65
36) 4-Chloro-3-methylphenol	8.81	107	12638	4.120	ng	# 21
49) Dimethylphthalate	9.71	163	51668	7.529	ng	# 91
53) 2,4-Dinitrophenol	10.14	184	882	6.442	ng	# 15
66) 4-Bromophenyl-phenylether	10.80	248	9997	5.149	ng	# 1

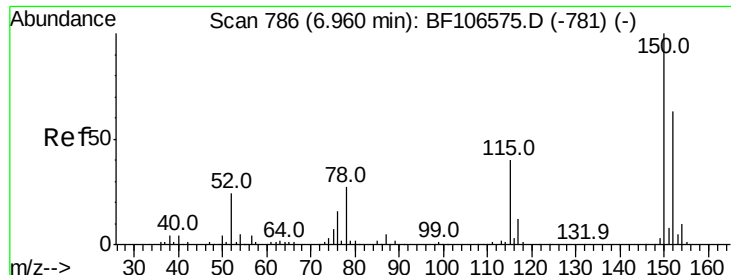
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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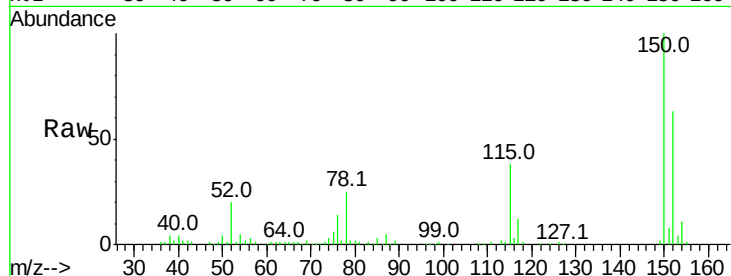


#1

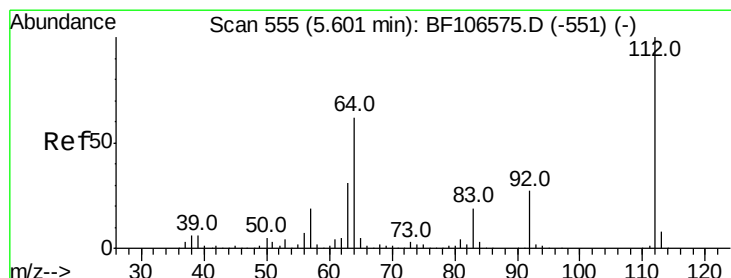
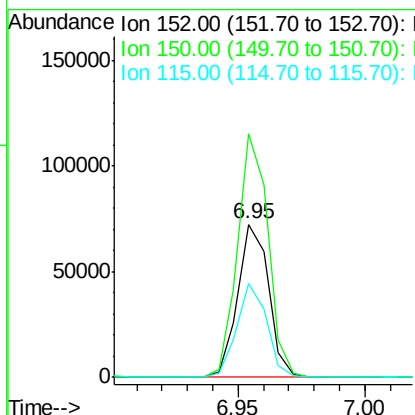
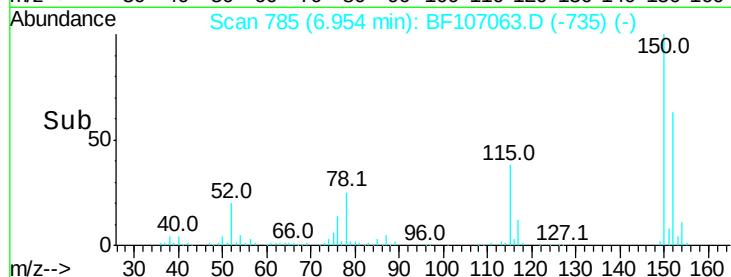
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107063.D
Acq: 3 Jul 2018 1:10

Instrument :
BNA_F
ClientSampleId :

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



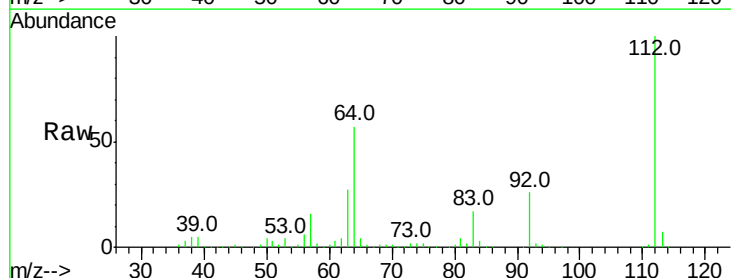
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



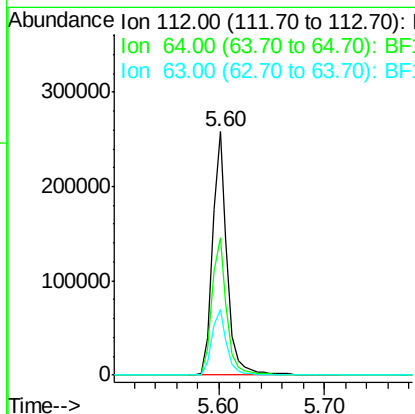
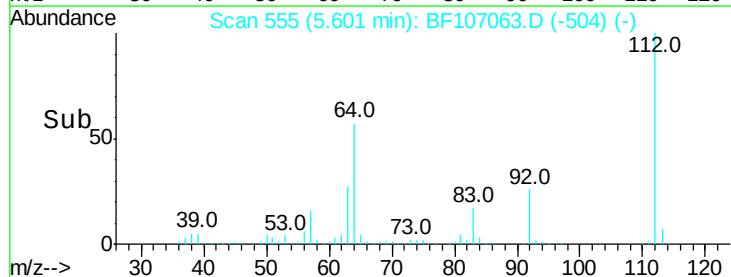
#5

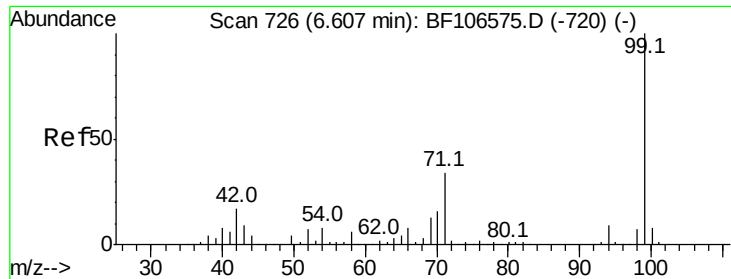
2-Fluorophenol
Concen: 68.772 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107063.D
Acq: 3 Jul 2018 1:10

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 :

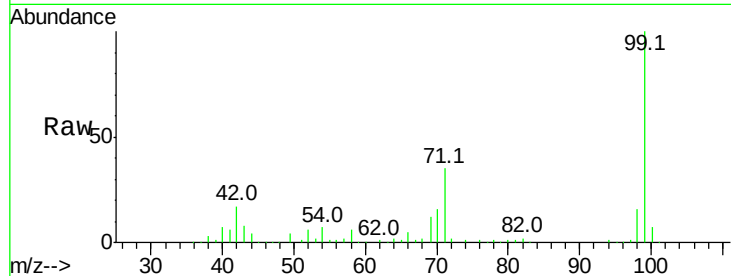
Tot Ion: 99 Resp: 196499

Ion Ratio Lower Upper

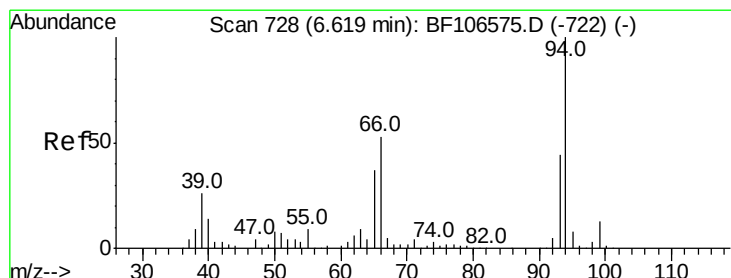
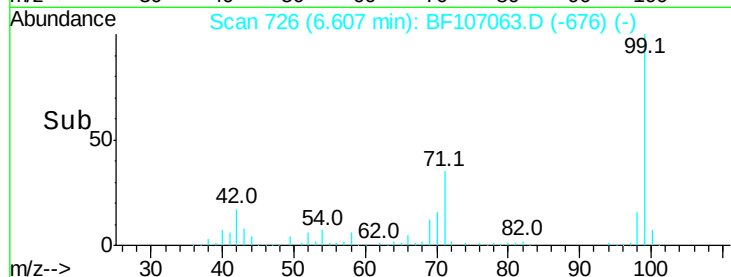
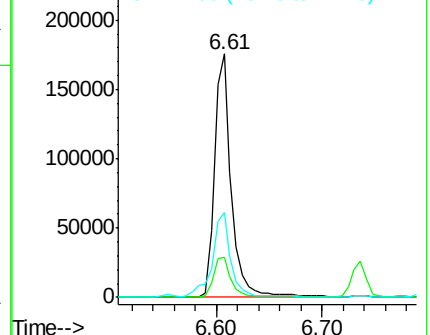
99 100

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

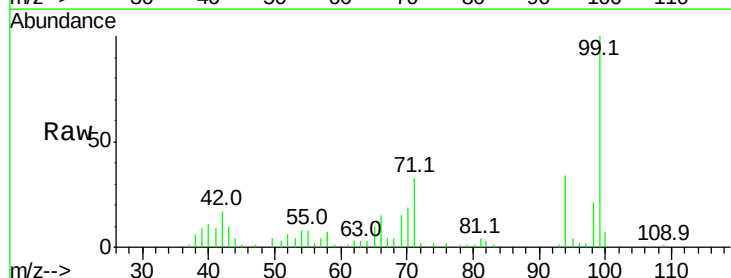
Tgt Ion: 94 Resp: 13267

Ion Ratio Lower Upper

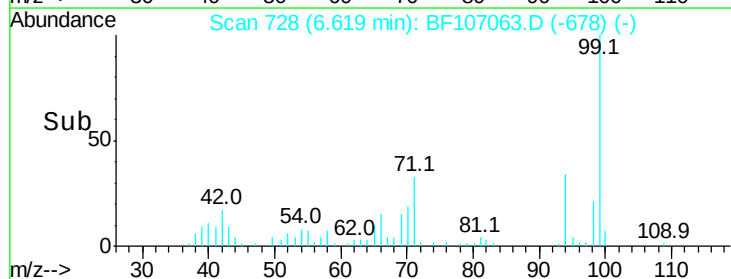
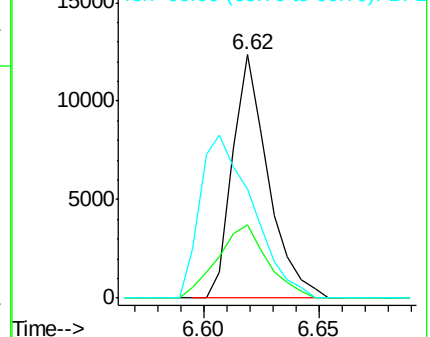
94 100

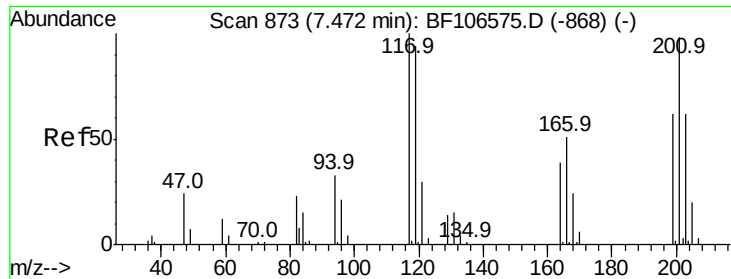
65 30.2 7.9 47.9

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

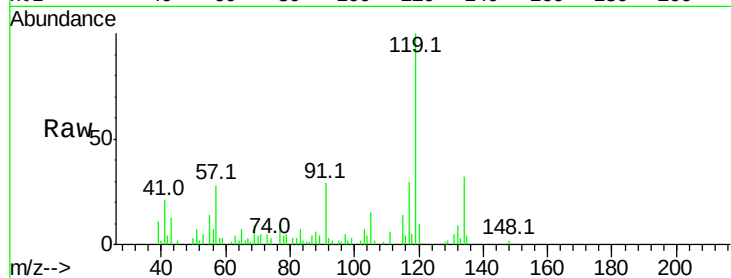




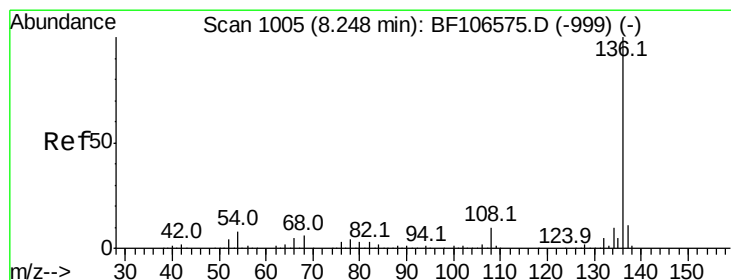
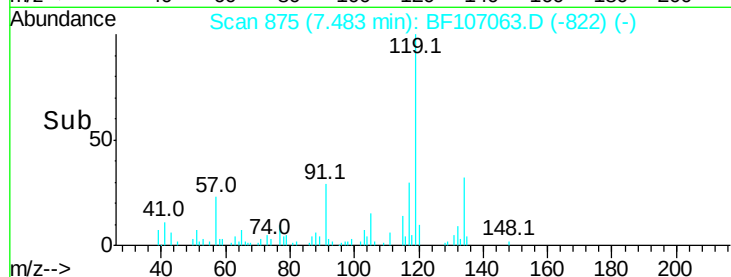
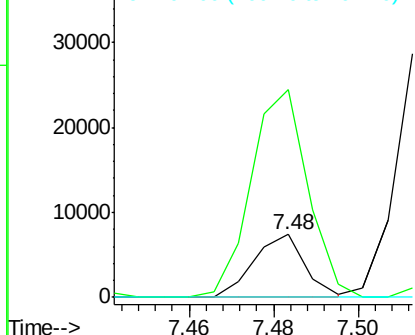
#18
Hexachloroethane
Concen: 3.766 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF107063.D
Acq: 3 Jul 2018 1:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 6229
Ion Ratio Lower Upper
117 100
119 331.1 75.8 113.8#
201 0.0 75.7 113.5#



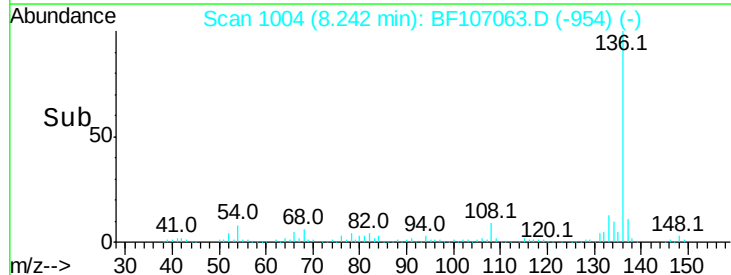
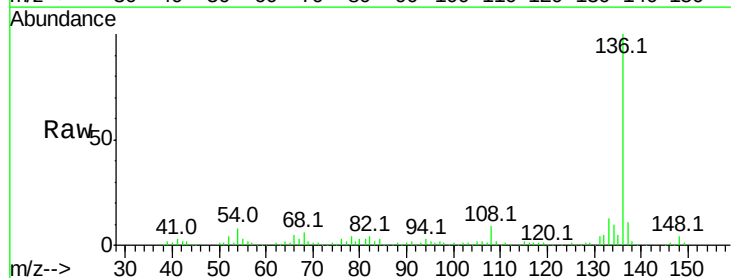
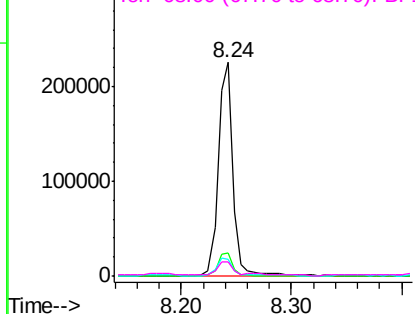
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

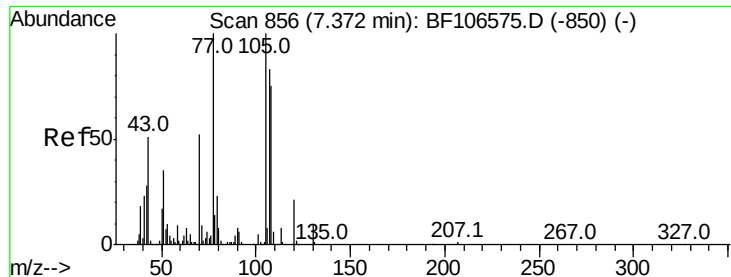


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107063.D
Acq: 3 Jul 2018 1:10

Tgt 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





#22

Acetophenone

Concen: 3.389 ng

RT: 7.34 min Scan# 850

Delta R.T. -0.04 min

Lab File: BF107063.D

Acq: 3 Jul 2018 1:10

Instrument :

BNA_F

ClientSampled :

Tot Ion:105 Resp: 15747

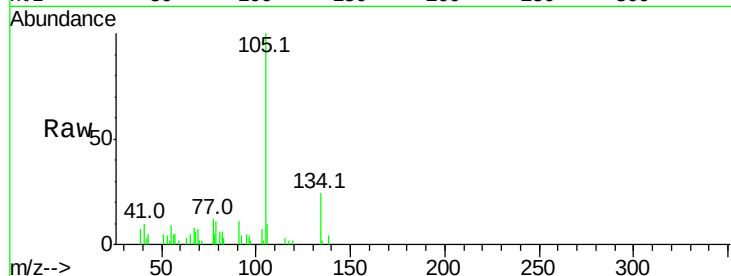
Ion Ratio Lower Upper

105 100

71 2.1 4.4 6.6#

51 4.7 22.3 33.5#

120 0.0 16.9 25.3#

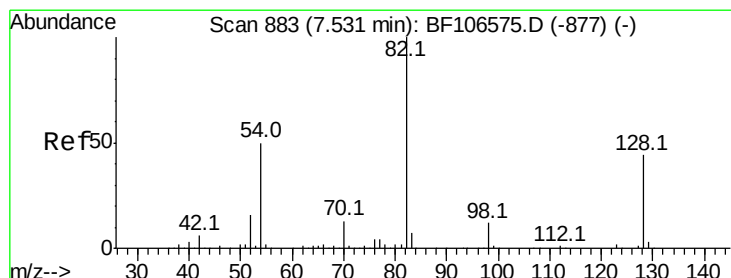
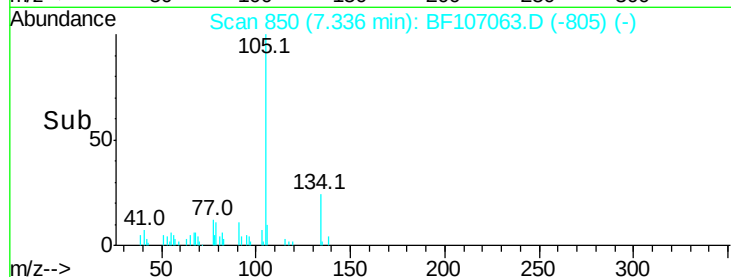
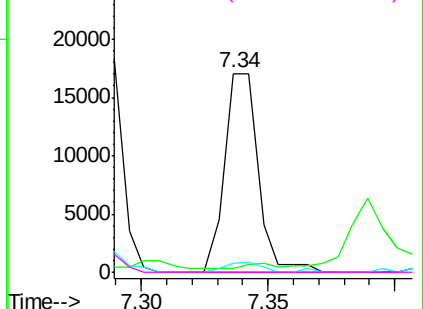


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#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

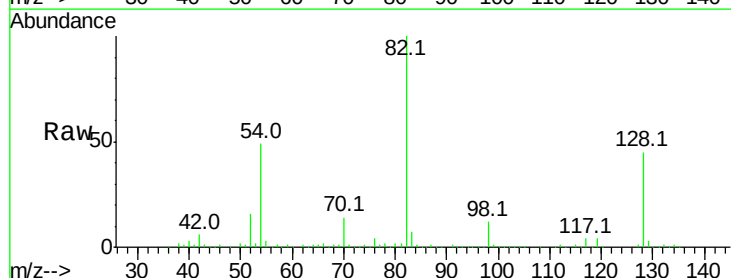
Tgt Ion: 82 Resp: 353422

Ion Ratio Lower Upper

82 100

128 45.2 36.1 54.1

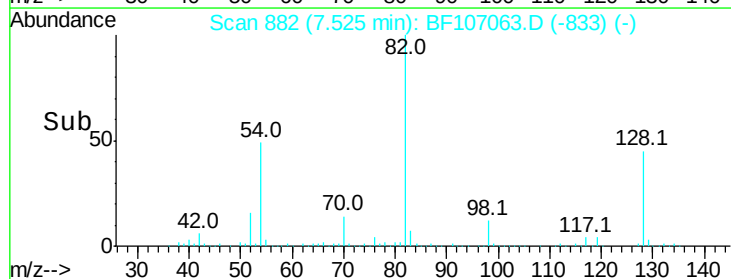
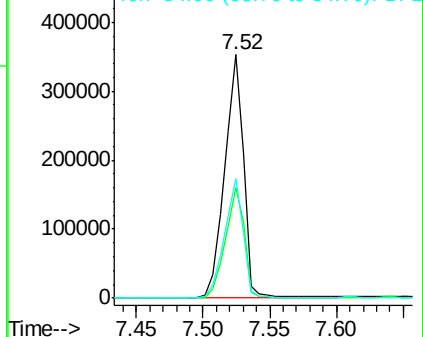
54 48.9 41.4 62.2

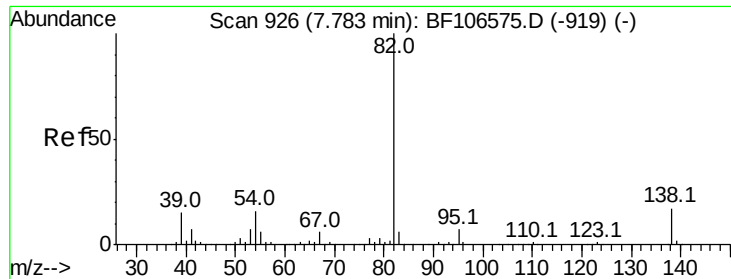


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 53.690 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF107063.D

Acq: 3 Jul 2018 1:10

Instrument :

BNA_F

ClientSampleId :

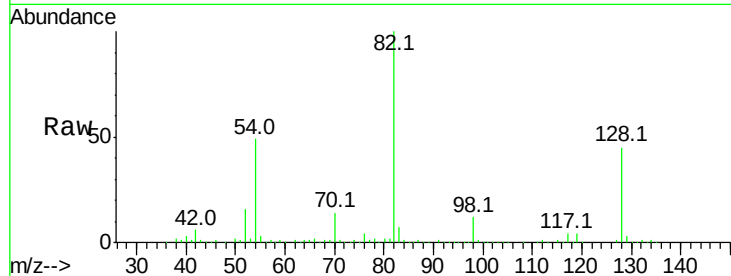
Tot Ion: 82 Resp: 353527

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

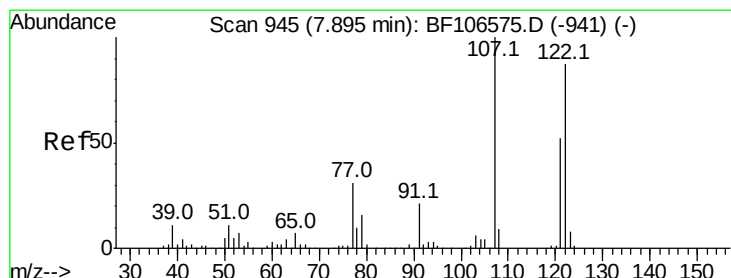
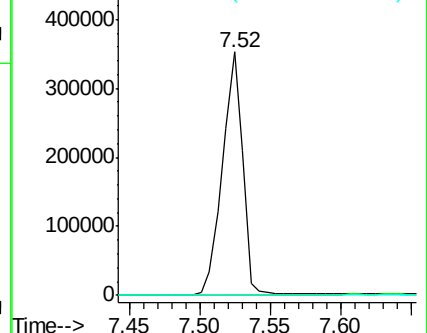
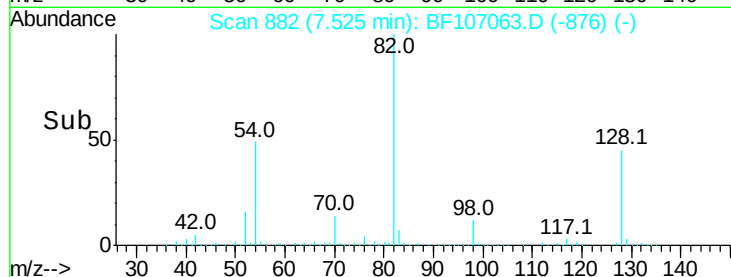
138 0.0 14.9 22.3#



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



#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

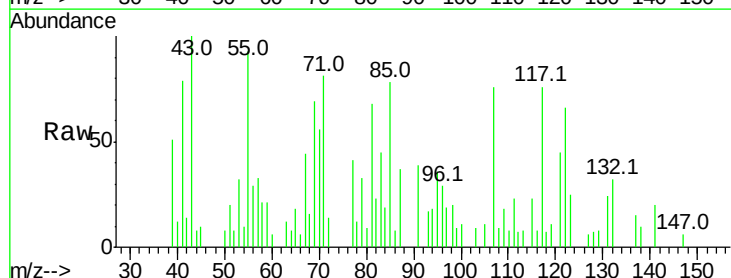
Tgt Ion: 122 Resp: 5725

Ion Ratio Lower Upper

122 100

107 115.1 91.2 136.8

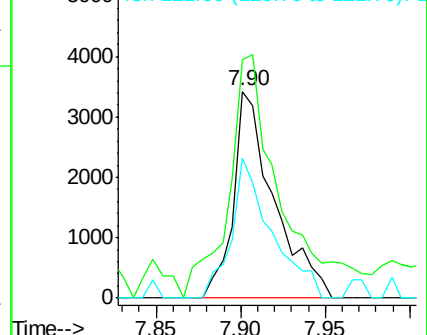
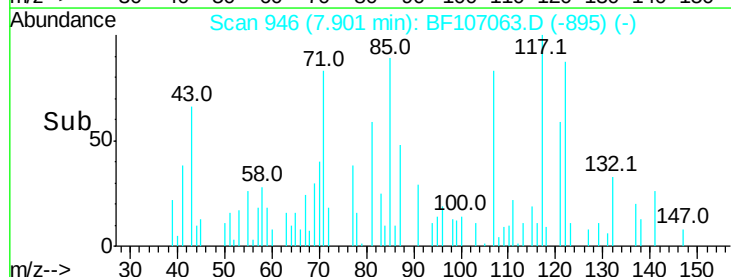
121 67.7 47.2 70.8

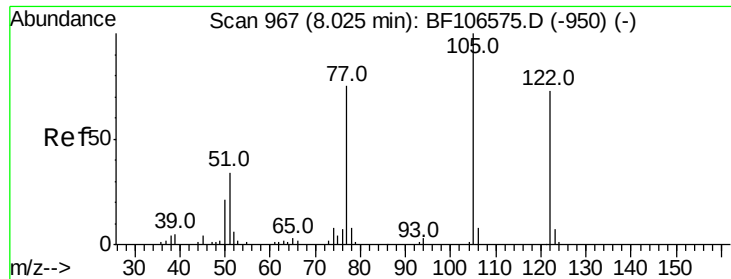


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#32

Benzoic acid

Concen: 6.089 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF107063.D

Acq: 3 Jul 2018 1:10

Instrument :

BNA_F

ClientSampled :

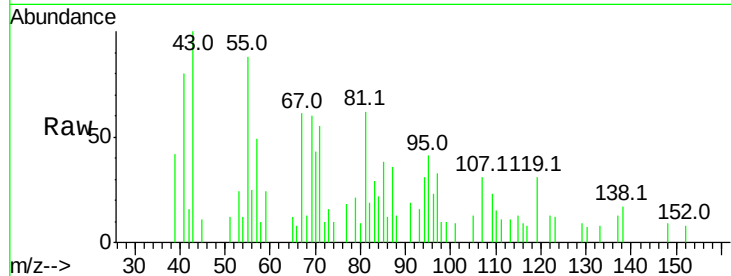
Tot Ion:122 Resp: 822

Ion Ratio Lower Upper

122 100

105 95.9 101.1 141.1#

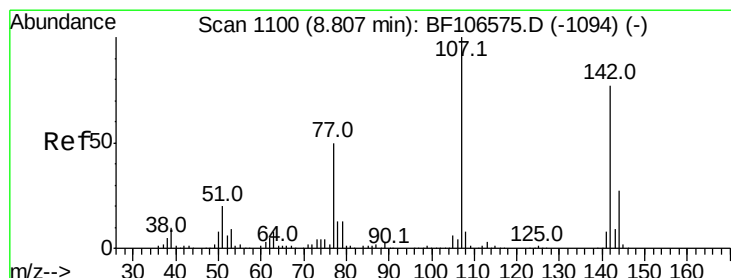
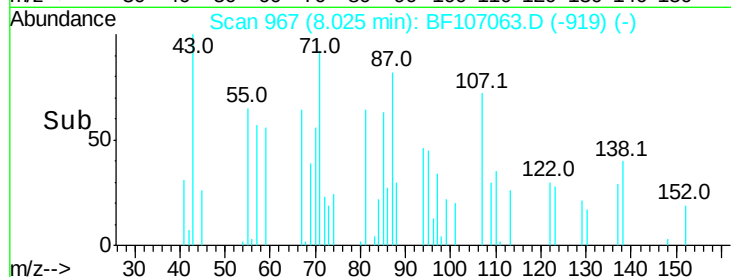
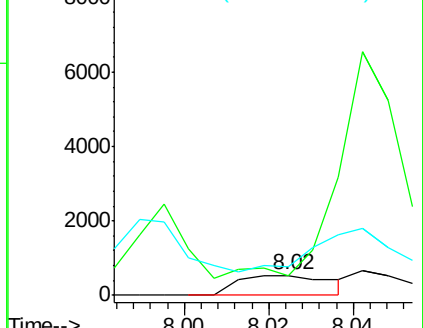
77 139.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 4.120 ng

RT: 8.81 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF107063.D

Acq: 3 Jul 2018 1:10

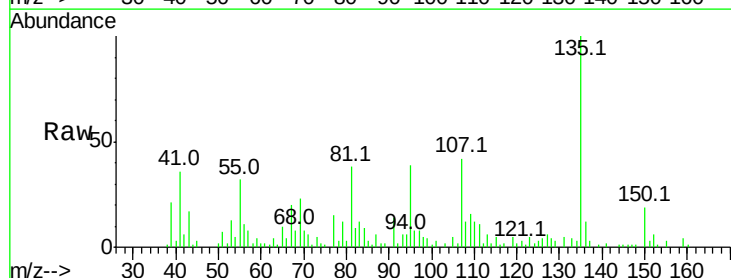
Tgt Ion:107 Resp: 12638

Ion Ratio Lower Upper

107 100

144 2.4 20.5 30.7#

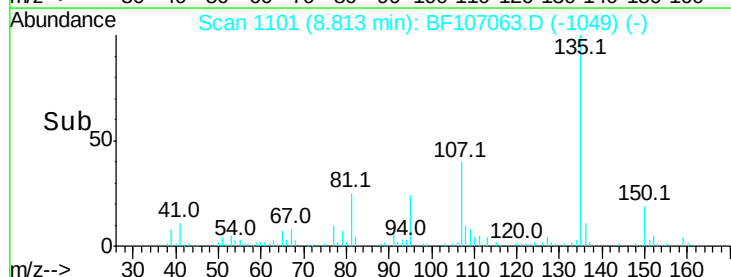
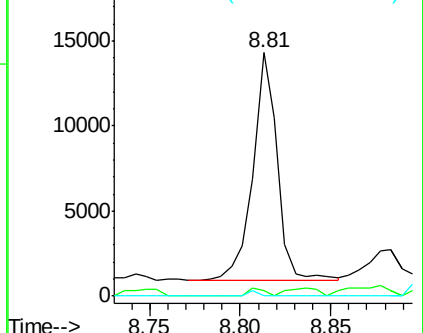
142 0.0 62.0 93.0#

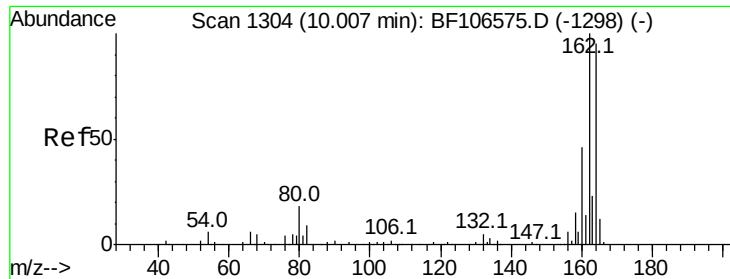


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

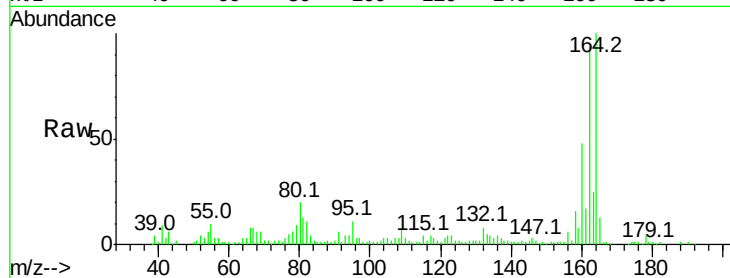




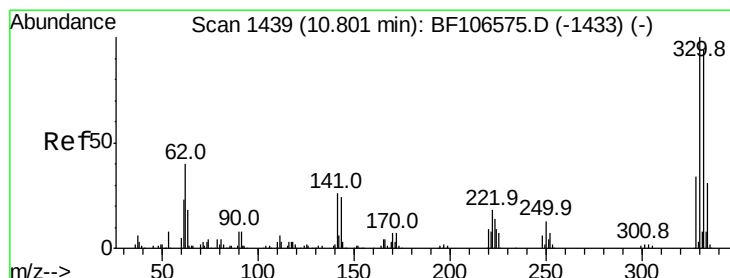
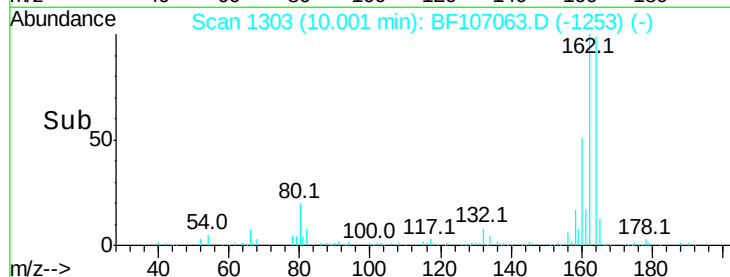
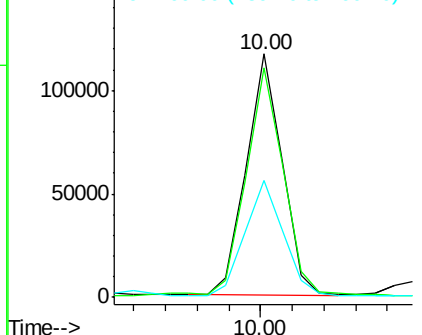
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107063.D
 Acq: 3 Jul 2018 1:10

Instrument :
 BNA_F
 ClientSampleId :

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

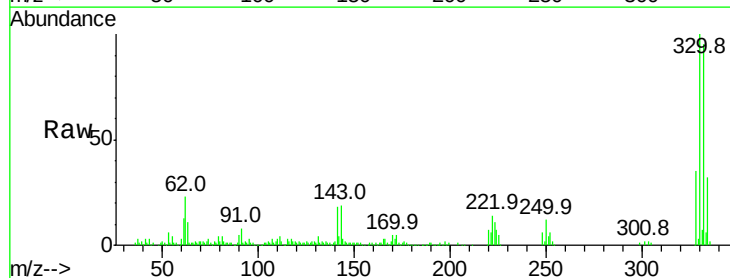


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

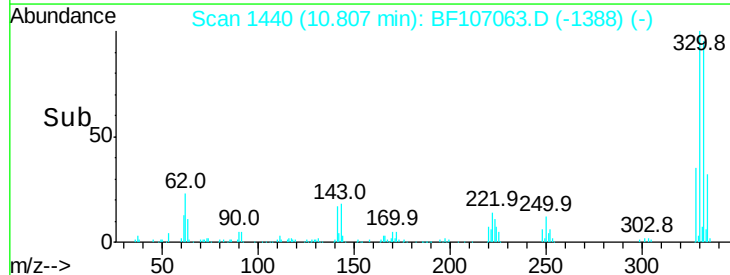
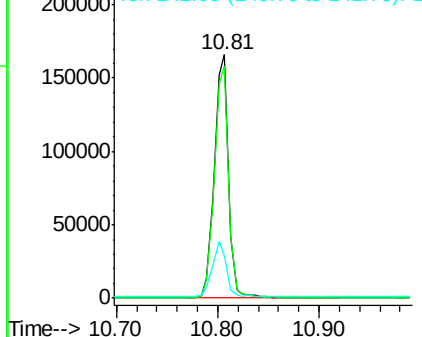


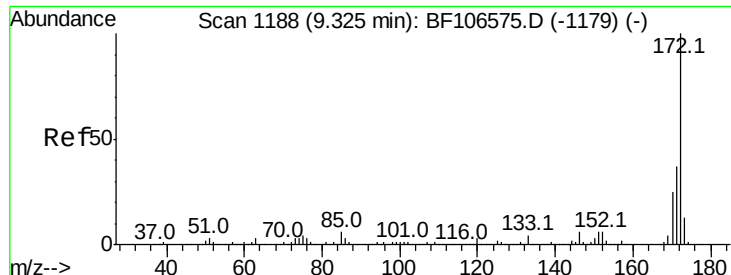
#41
 2,4,6-Tribromophenol
 Concen: 152.850 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF107063.D
 Acq: 3 Jul 2018 1:10

Tgt 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



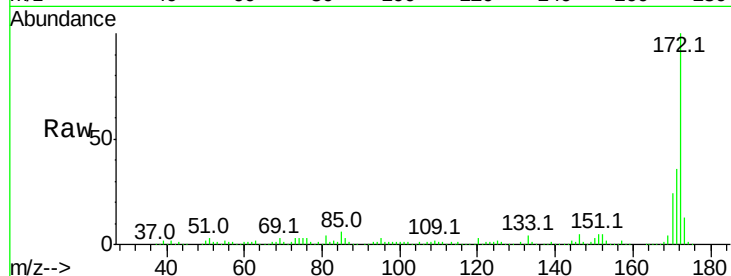


#44
 2-Fluorobiphenyl
 Concen: 121.917 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF107063.D
 Acq: 3 Jul 2018 1:10

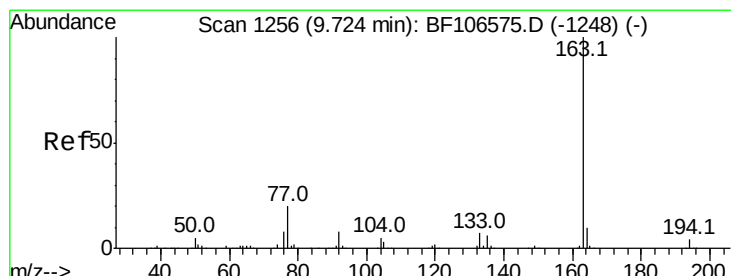
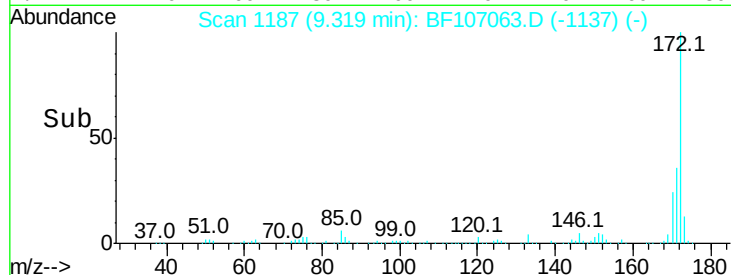
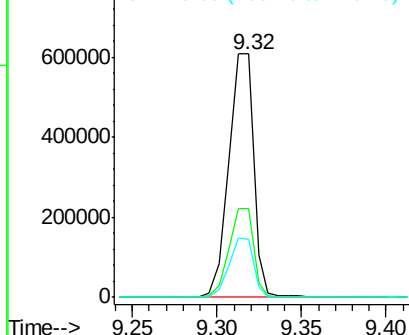
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 624446

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4



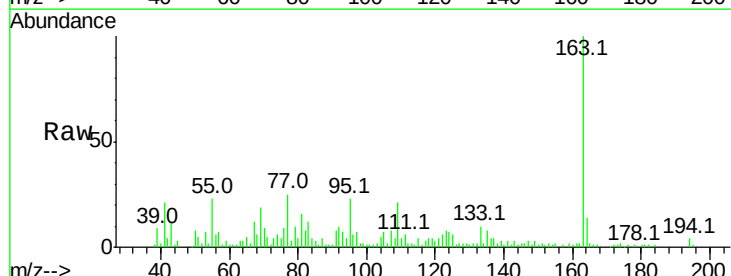
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



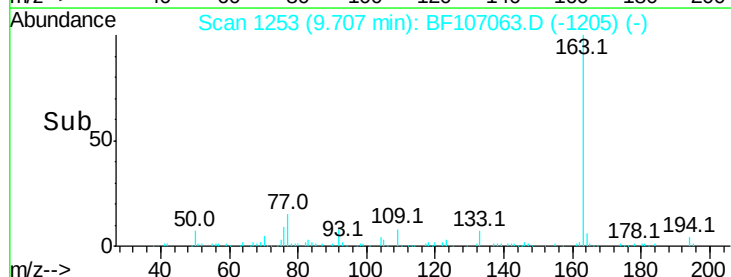
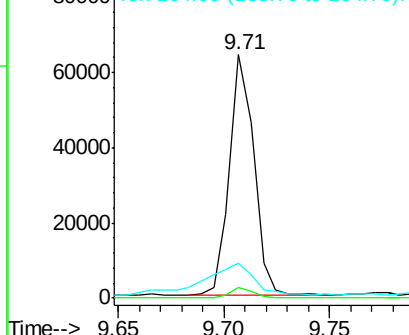
#49
 Dimethylphthalate
 Concen: 7.529 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF107063.D
 Acq: 3 Jul 2018 1:10

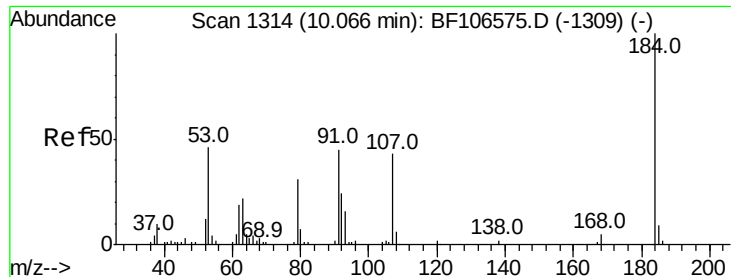
Tgt Ion:163 Resp: 51668

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

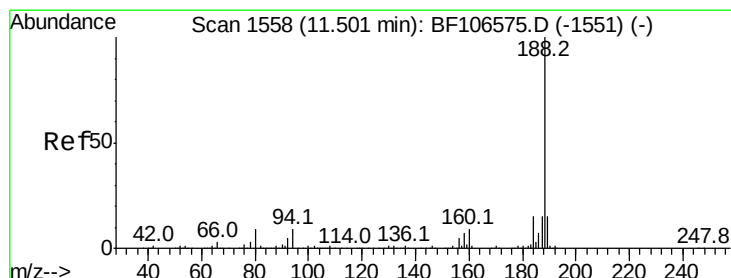
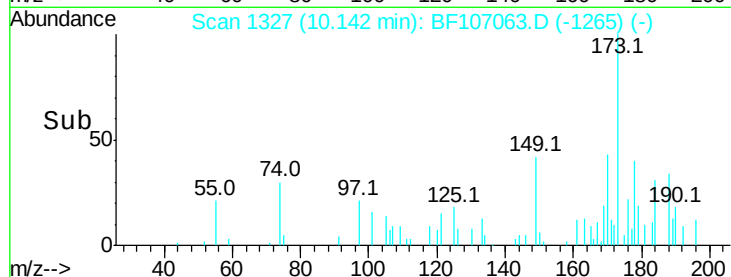
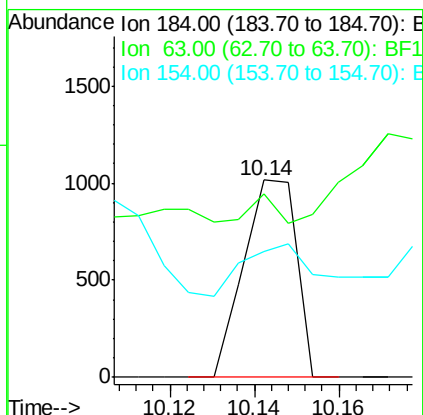
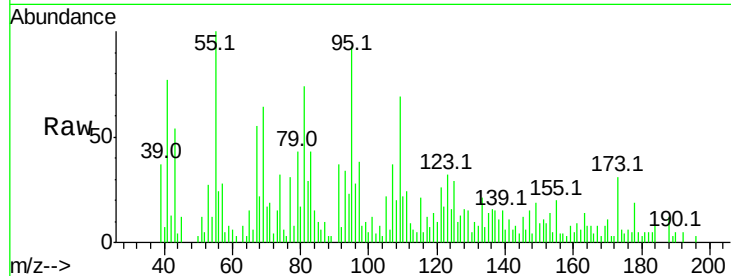




#53
 2,4-Dinitrophenol
 Concen: 6.442 ng
 RT: 10.14 min Scan# 1327
 Delta R.T. 0.06 min
 Lab File: BF107063.D
 Acq: 3 Jul 2018 1:10

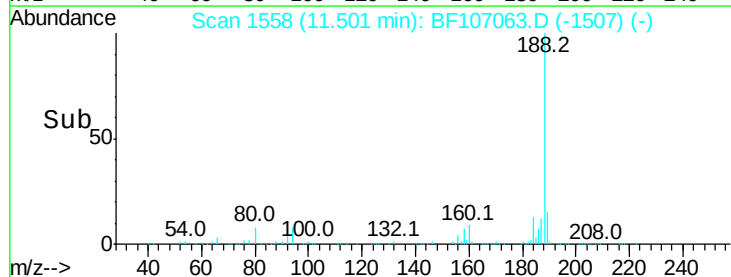
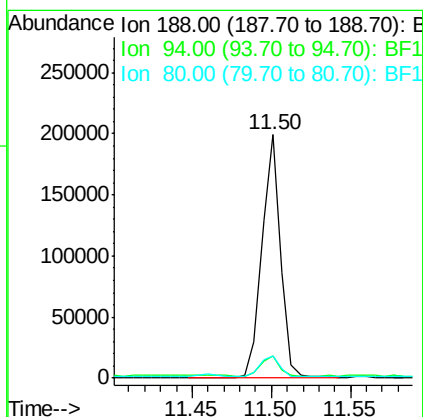
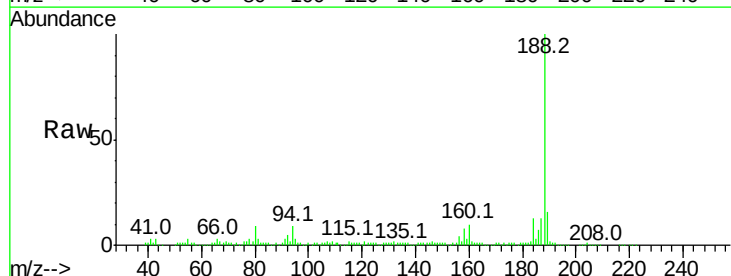
Instrument :
 BNA_F
 ClientSampleId :

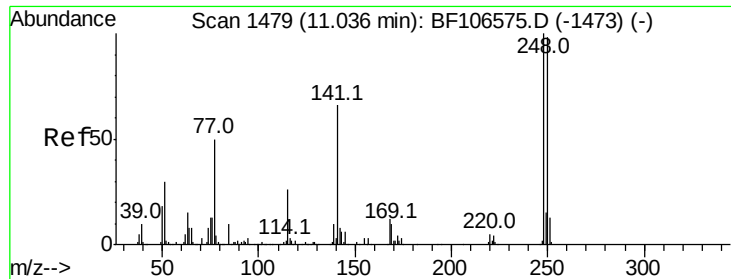
Tot Ion:184 Resp: 882
 Ion Ratio Lower Upper
 184 100
 63 92.9 54.2 81.2#
 154 63.5 184.0 276.0#



#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#

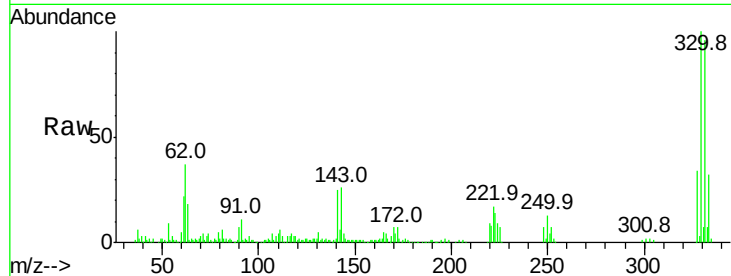




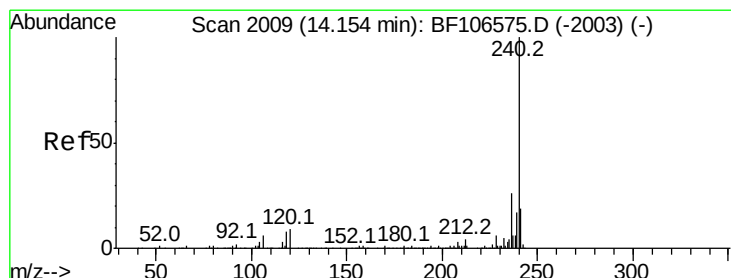
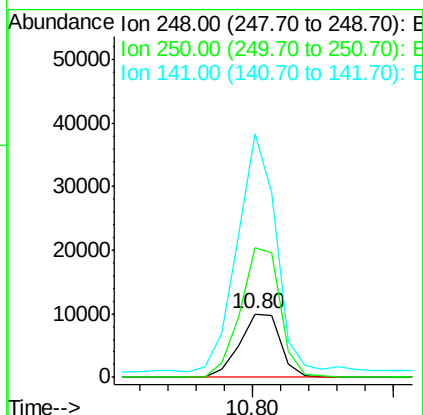
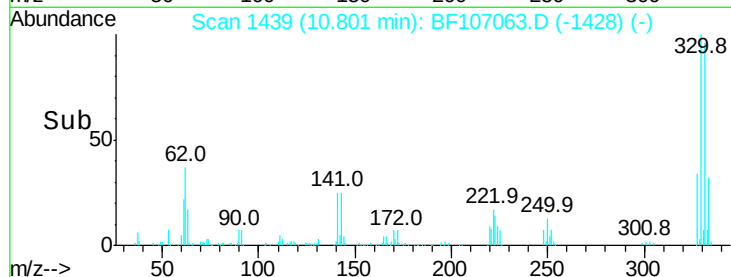
#66
 4-Bromophenyl-phenylether
 Concen: 5.149 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF107063.D
 Acq: 3 Jul 2018 1:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9997
 Ion Ratio Lower Upper
 248 100
 250 202.9 76.9 115.3#
 141 382.7 74.4 111.6#

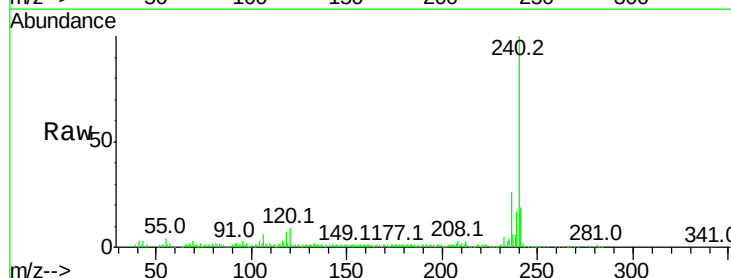


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

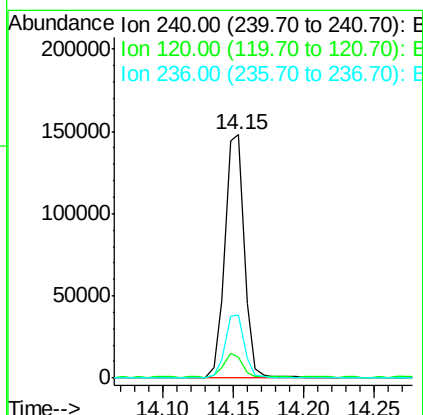
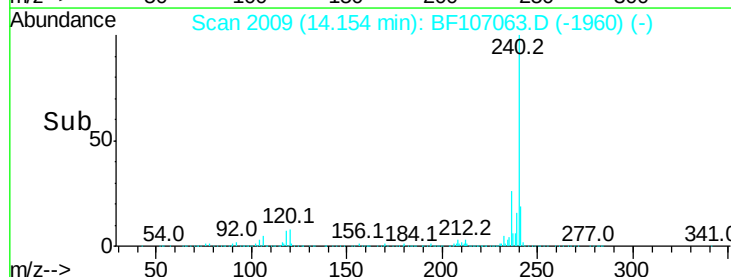


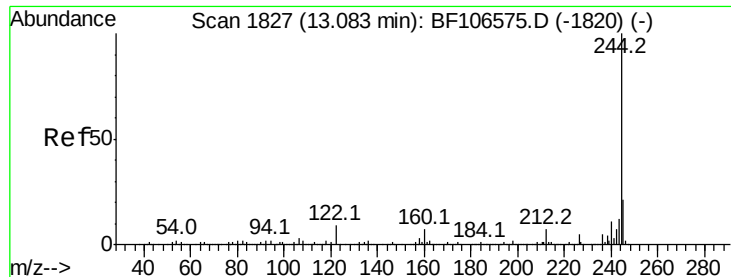
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF107063.D
 Acq: 3 Jul 2018 1:10

Tgt 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

Instrument :

BNA_F

ClientSampleId :

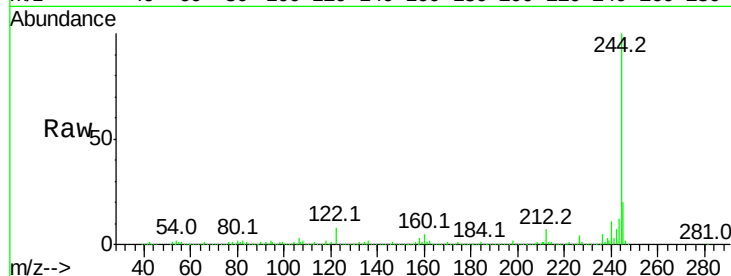
Tot Ion:244 Resp: 668584

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

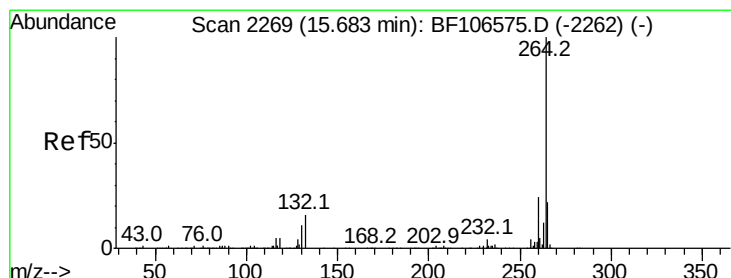
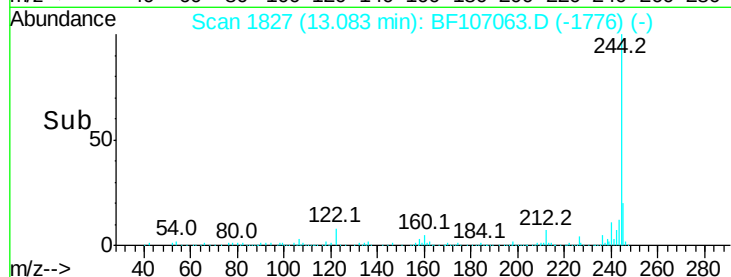
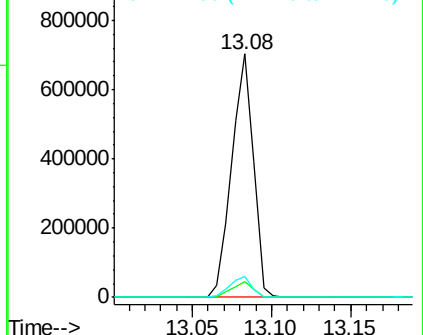
122 8.3 11.0 16.4#



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

Perylene-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

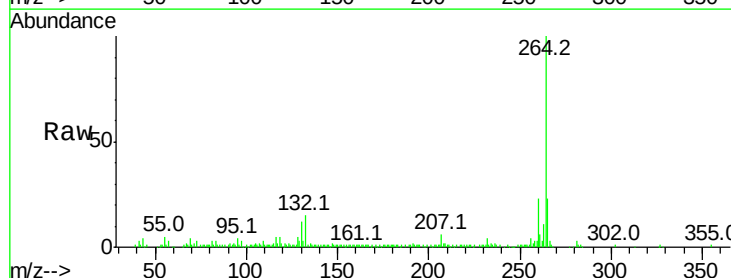
Tgt Ion:264 Resp: 106195

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.7 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

