

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110170.D
 Acq On : 25 Oct 2018 19:44
 Operator : JU/SJ
 Sample : J5651-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200030

Quant Time: Oct 26 04:34:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

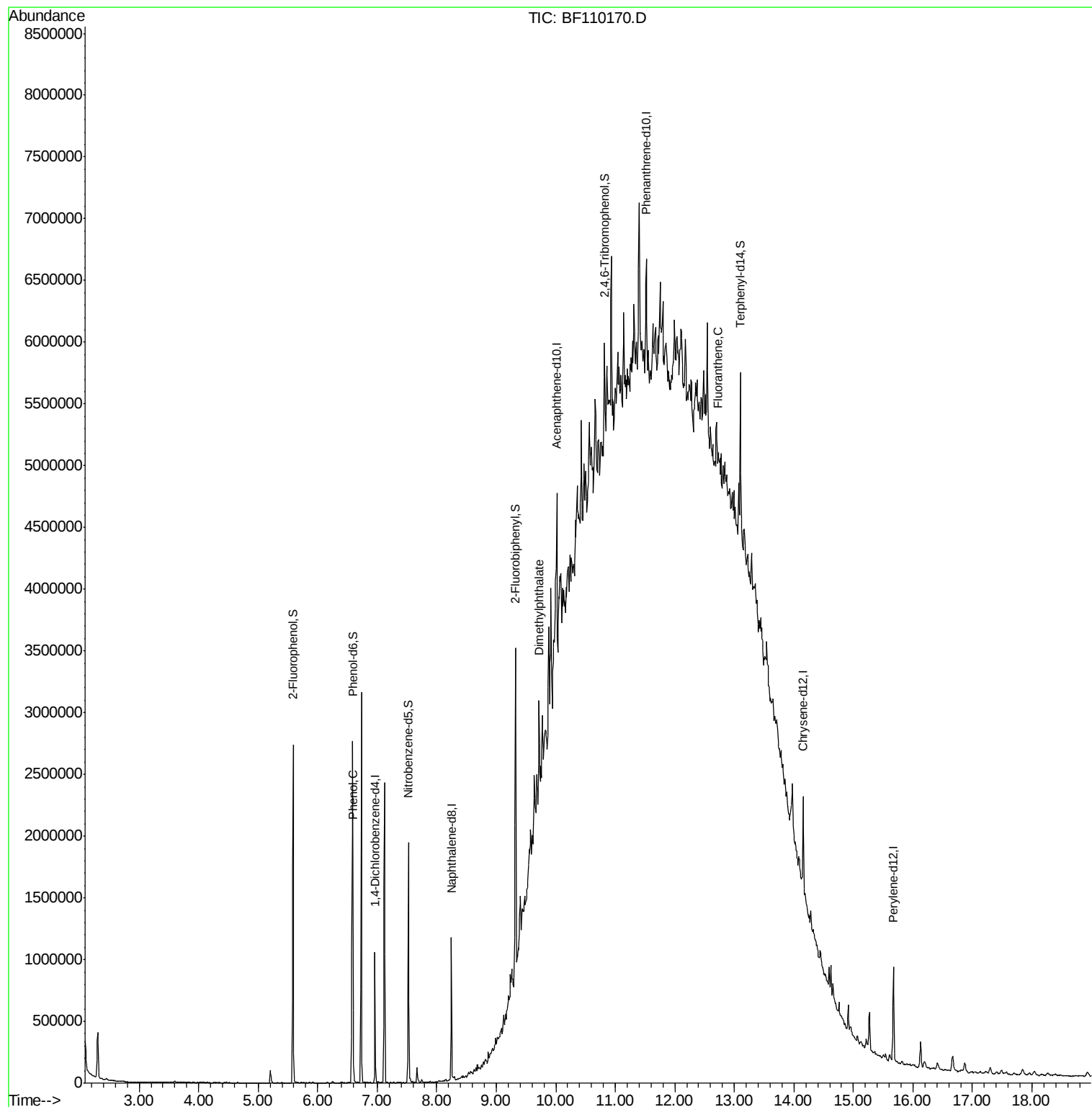
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	142600	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	566846	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	206777	20.00	ng	-0.01
64) Phenanthrene-d10	11.52	188	267810	20.00	ng	0.00
76) Chrysene-d12	14.16	240	250478	20.00	ng	0.00
87) Perylene-d12	15.67	264	263685	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	793201	90.58	ng	-0.01
7) Phenol-d6	6.59	99	998164	89.12	ng	-0.02
23) Nitrobenzene-d5	7.53	82	608798	63.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.82	330	161590	78.89	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	871109	66.15	ng	-0.02
79) Terphenyl-d14	13.10	244	503609	41.81	ng	0.00
Target Compounds						
10) Phenol	6.60	94	102652	8.574	ng	# 64
50) Dimethylphthalate	9.72	163	148974	9.760	ng	# 89
75) Fluoranthene	12.74	202	36454	2.563	ng	73

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

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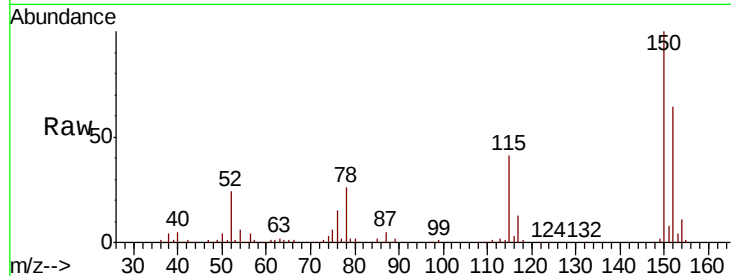


#1

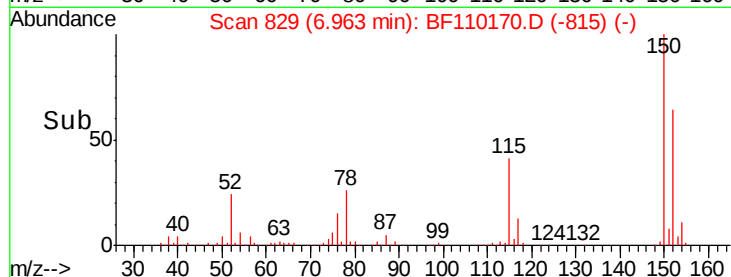
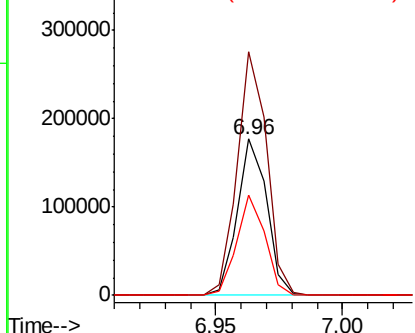
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Instrument :
BNA_F
ClientSampleId :
RBR-200030

Tot Ion:152 Resp: 142600
Ion Ratio Lower Upper
152 100
150 156.1 122.7 184.1
115 64.5 49.1 73.7



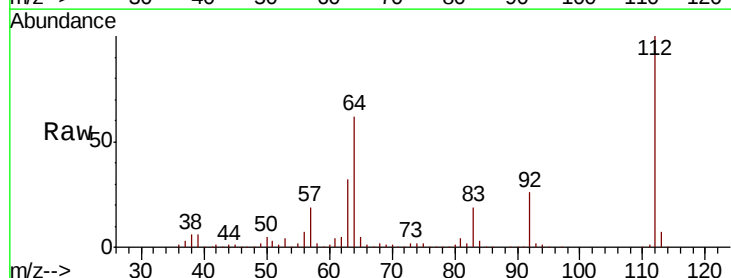
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



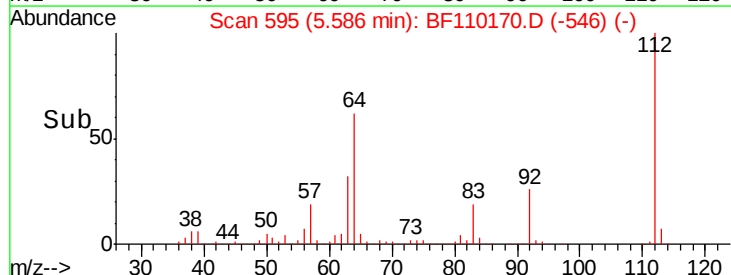
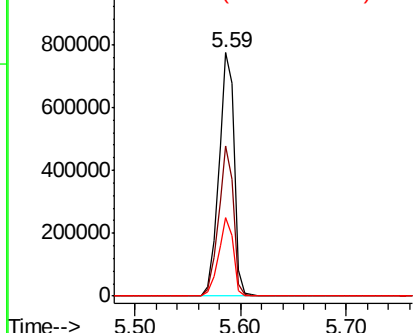
#5

2-Fluorophenol
Concen: 90.581 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Tgt Ion:112 Resp: 793201
Ion Ratio Lower Upper
112 100
64 61.6 44.1 66.1
63 32.1 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: 89.117 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110170.D

Acq: 25 Oct 2018 19:44

Instrument :

BNA_F

ClientSampleId :

RBR-200030

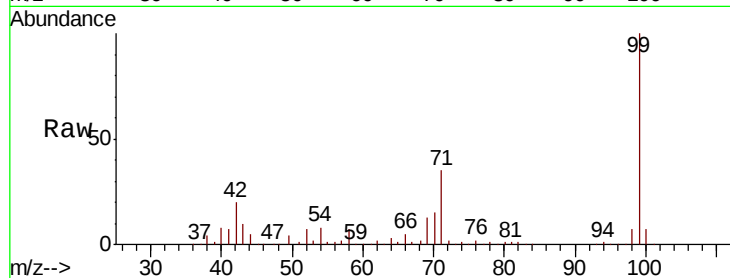
Tot Ion: 99 Resp: 998164

Ion Ratio Lower Upper

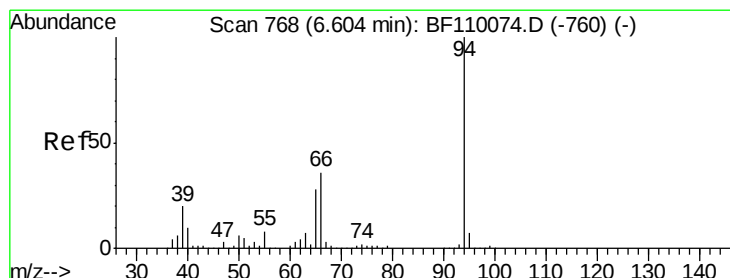
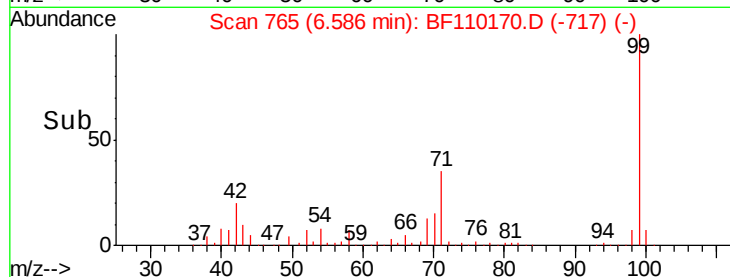
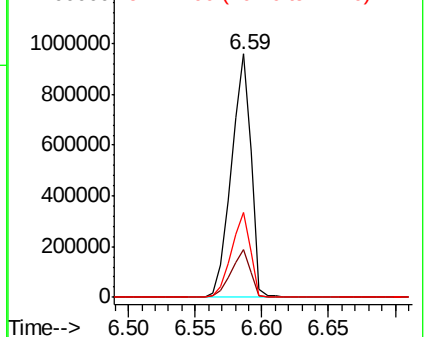
99 100

42 19.8 15.8 23.6

71 34.7 28.0 42.0



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: 8.574 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110170.D

Acq: 25 Oct 2018 19:44

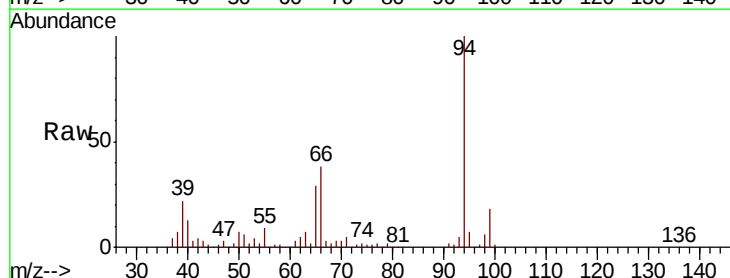
Tgt Ion: 94 Resp: 102652

Ion Ratio Lower Upper

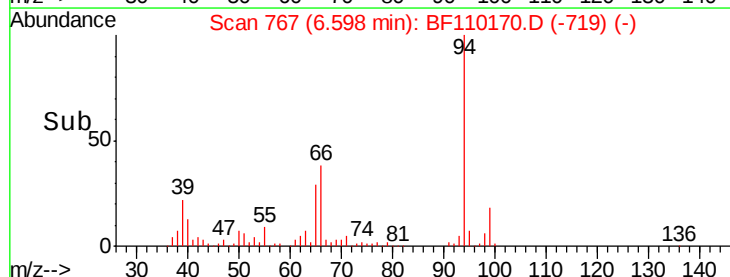
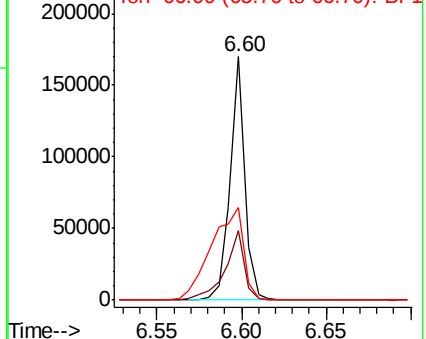
94 100

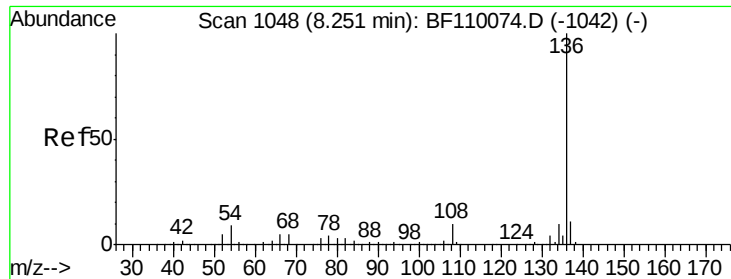
65 28.7 25.3 65.3

66 37.9 54.5 94.5#



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: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110170.D

Acq: 25 Oct 2018 19:44

Instrument :

BNA_F

ClientSampleId :

RBR-200030

Tot Ion:136 Resp: 566846

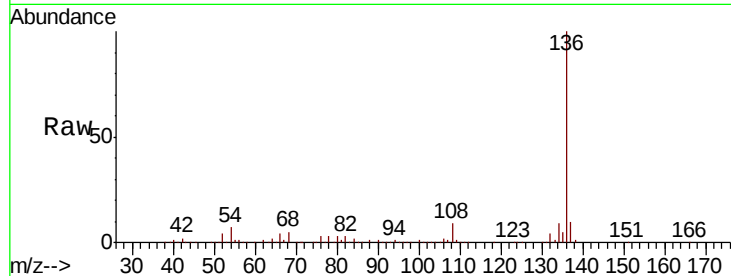
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 7.0 5.4 8.2

68 4.8 4.2 6.2

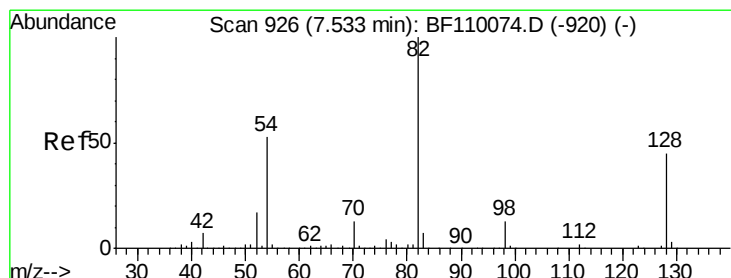
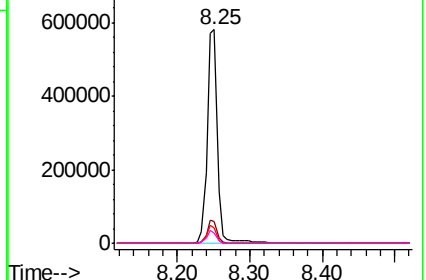
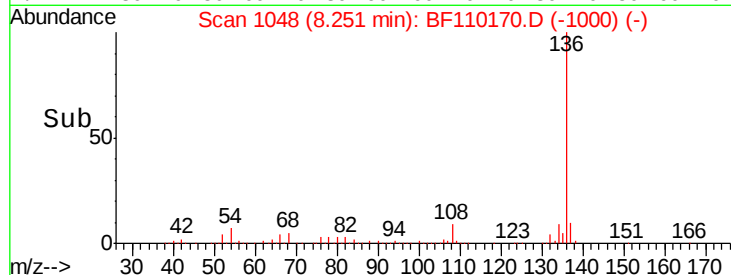


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.703 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF110170.D

Acq: 25 Oct 2018 19:44

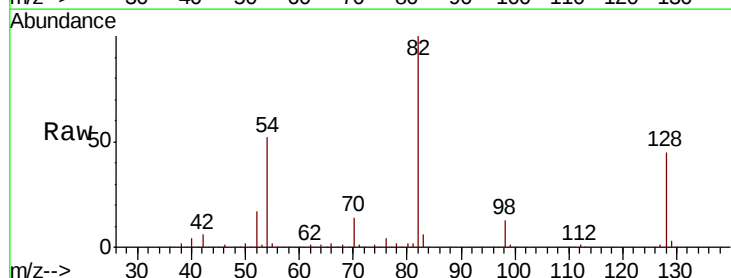
Tgt Ion: 82 Resp: 608798

Ion Ratio Lower Upper

82 100

128 45.5 34.2 51.2

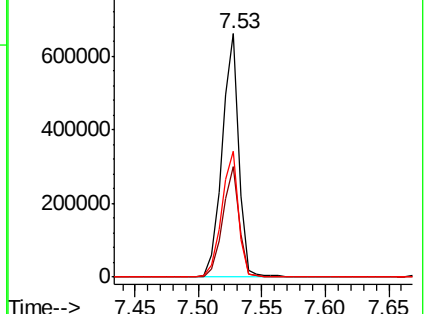
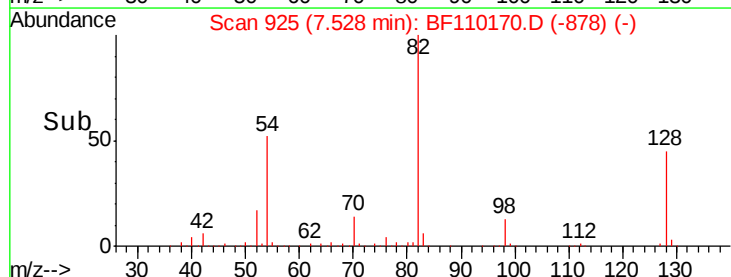
54 51.6 38.6 58.0

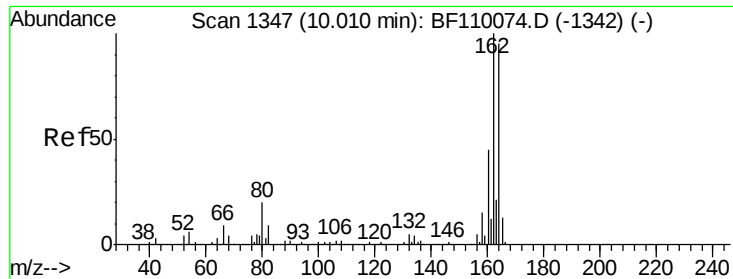


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110170.D

Acq: 25 Oct 2018 19:44

Instrument :

BNA_F

ClientSampleId :

RBR-200030

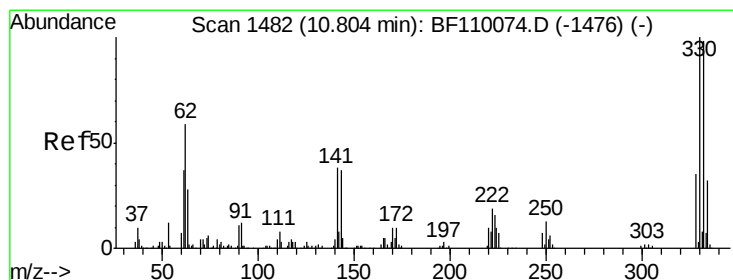
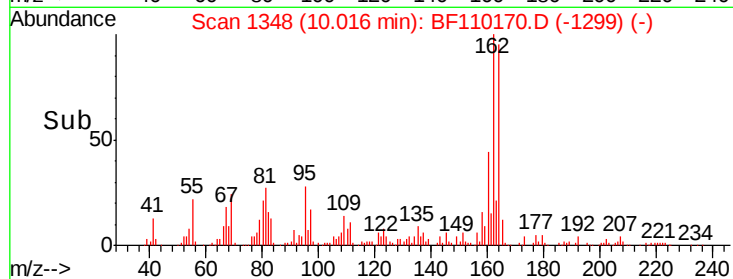
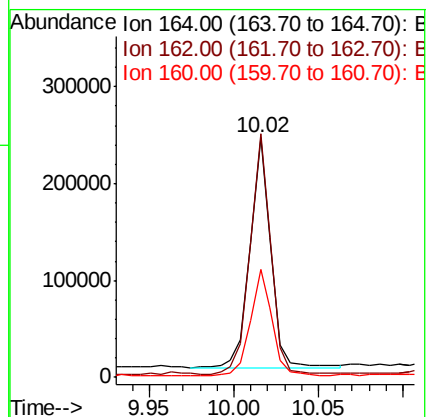
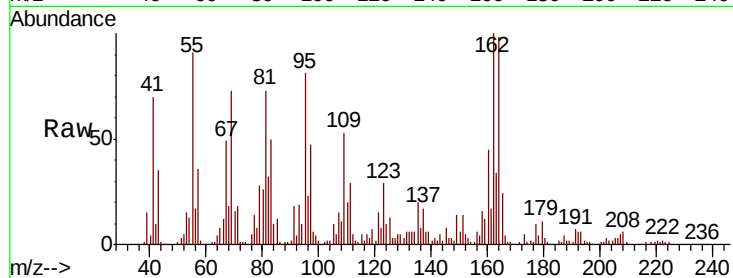
Tot Ion:164 Resp: 206777

Ion Ratio Lower Upper

164 100

162 101.8 83.0 124.6

160 45.4 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 78.891 ng

RT: 10.82 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BF110170.D

Acq: 25 Oct 2018 19:44

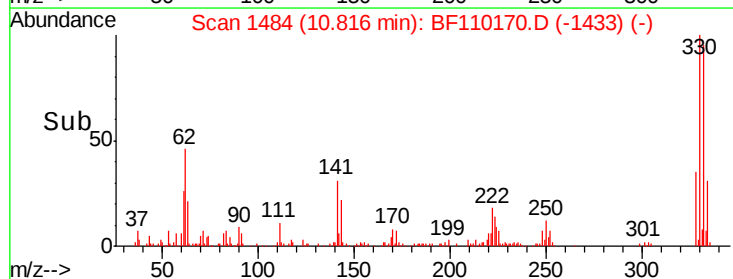
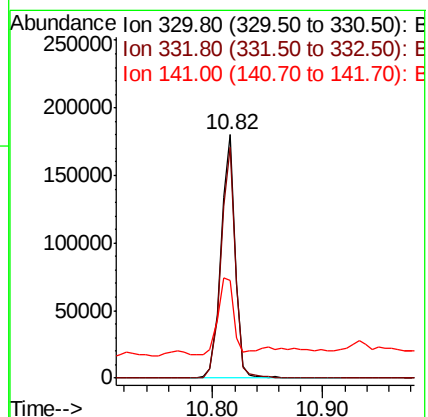
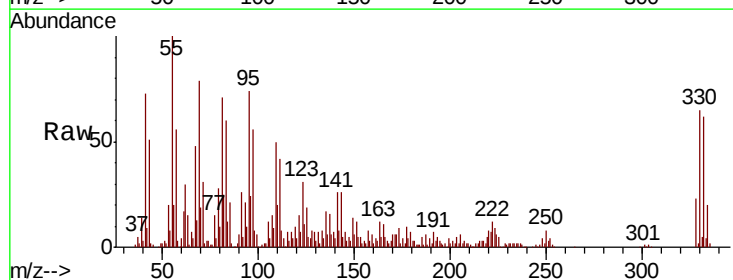
Tgt Ion:330 Resp: 161590

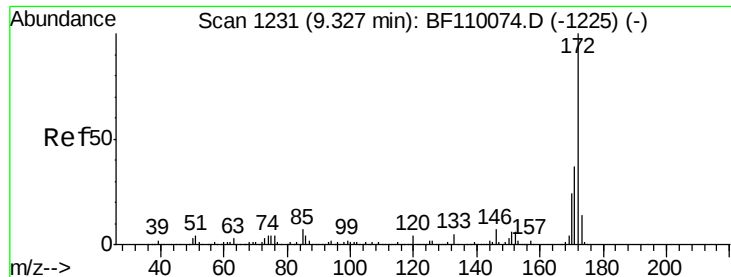
Ion Ratio Lower Upper

330 100

332 95.5 77.1 115.7

141 35.1 27.0 40.4

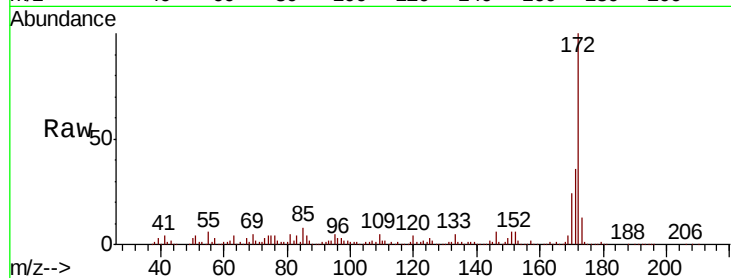




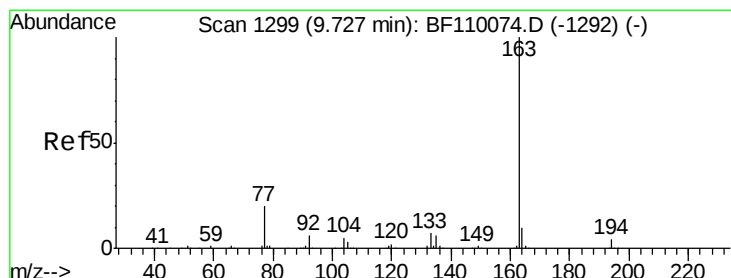
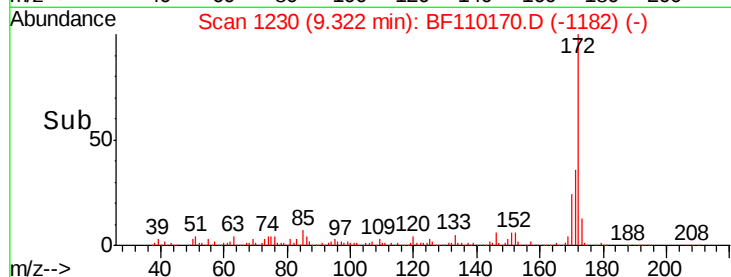
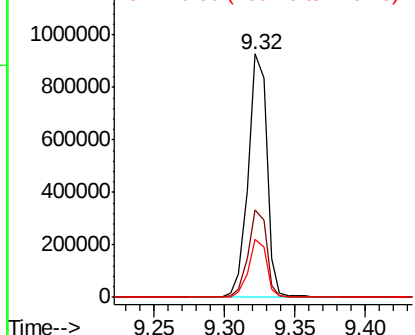
#45
2-Fluorobiphenyl
Concen: 66.152 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Instrument :
BNA_F
ClientSampleId :
RBR-200030

Tot Ion:172 Resp: 871109
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.6 19.7 29.5

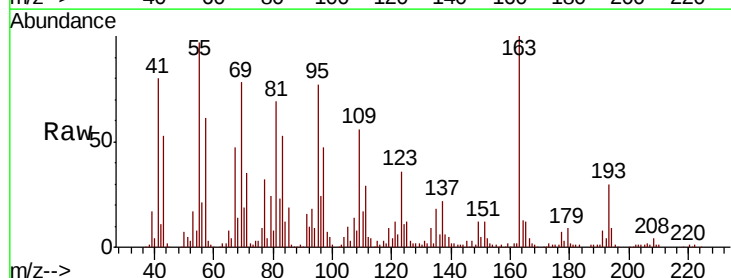


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

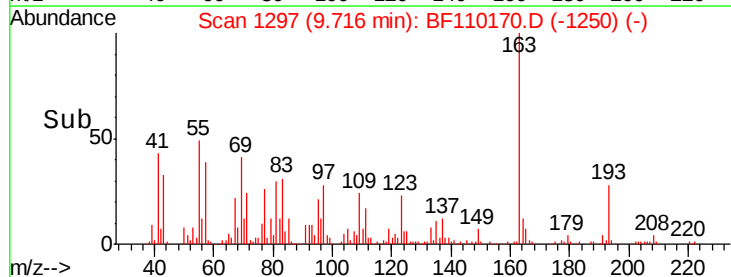
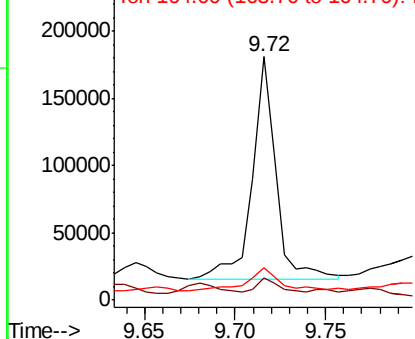


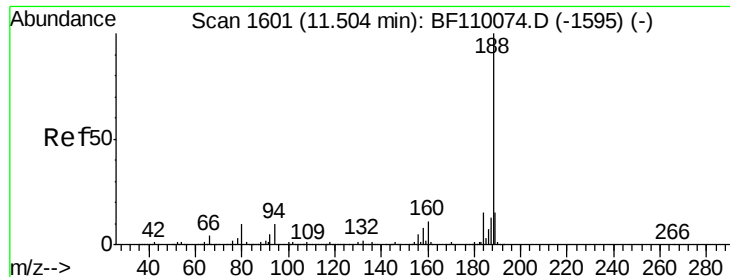
#50
Dimethylphthalate
Concen: 9.760 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110170.D
Acq: 25 Oct 2018 19:44

Tgt Ion:163 Resp: 148974
Ion Ratio Lower Upper
163 100
194 9.1 3.2 4.8#
164 13.4 8.1 12.1#



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BF110170.D

Acq: 25 Oct 2018 19:44

Instrument :

BNA_F

ClientSampleId :

RBR-200030

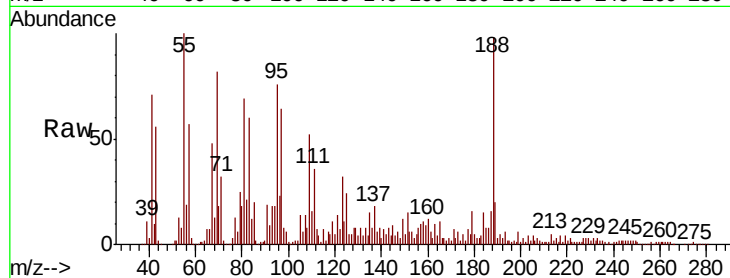
Tot Ion:188 Resp: 267810

Ion Ratio Lower Upper

188 100

94 18.1 7.2 10.8#

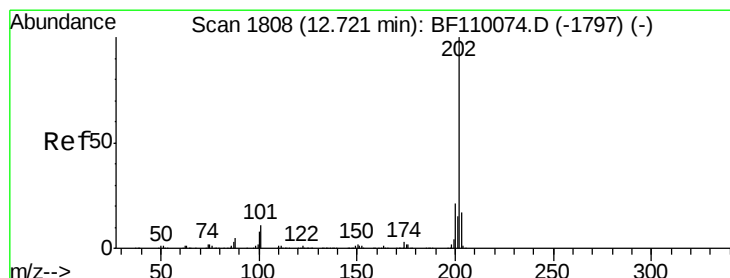
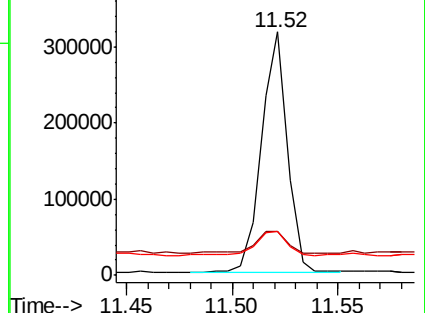
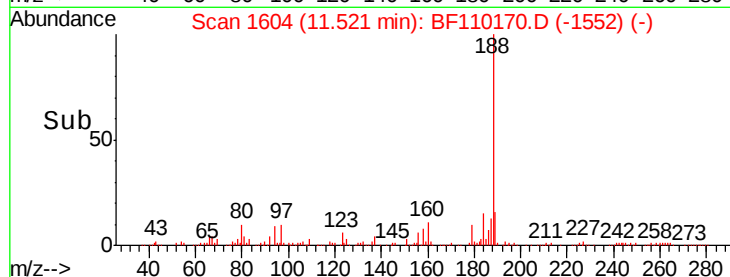
80 18.1 7.9 11.9#



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

Fluoranthene

Concen: 2.563 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF110170.D

Acq: 25 Oct 2018 19:44

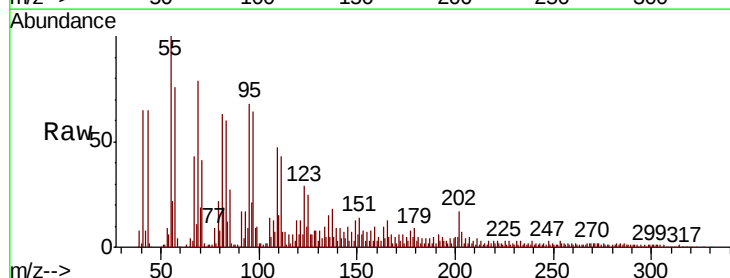
Tgt Ion:202 Resp: 36454

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.4

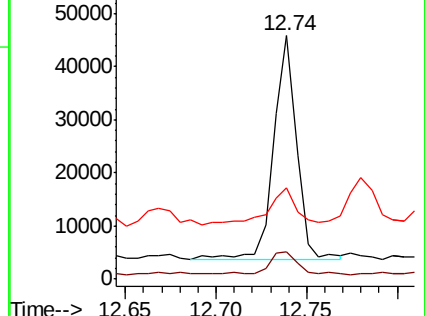
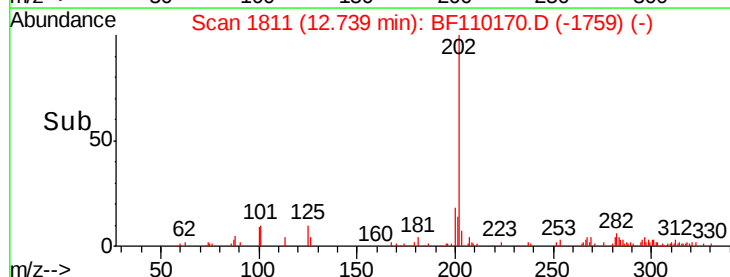
203 37.3 0.0 37.7

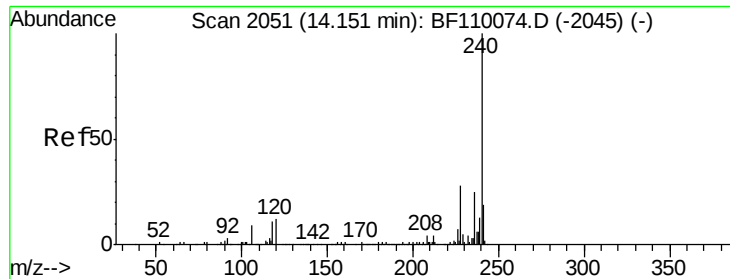


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110170.D

Acq: 25 Oct 2018 19:44

Instrument :

BNA_F

ClientSampleId :

RBR-200030

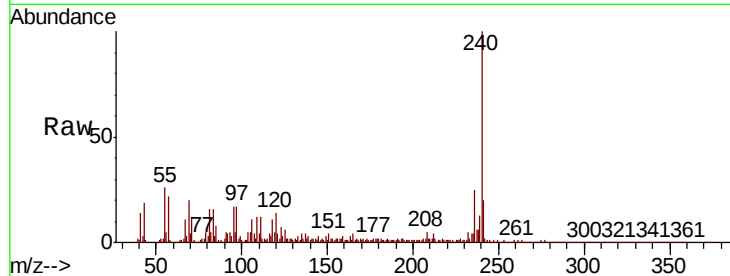
Tot Ion:240 Resp: 250478

Ion Ratio Lower Upper

240 100

120 13.8 8.3 12.5#

236 24.8 21.2 31.8

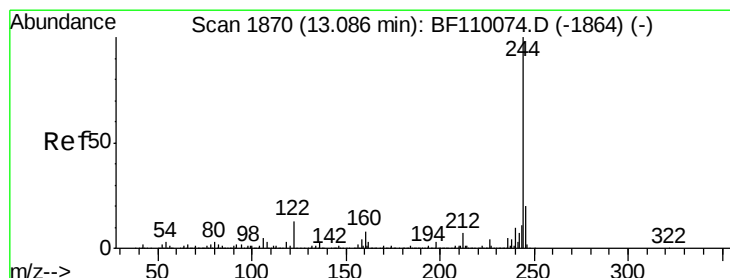
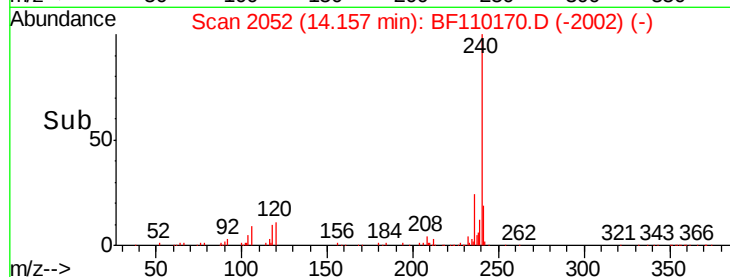
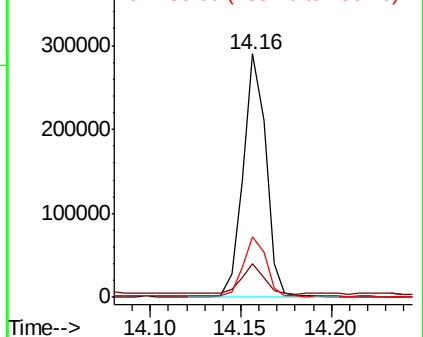


Abundance

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



#79

Terphenyl-d14

Concen: 41.814 ng

RT: 13.10 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BF110170.D

Acq: 25 Oct 2018 19:44

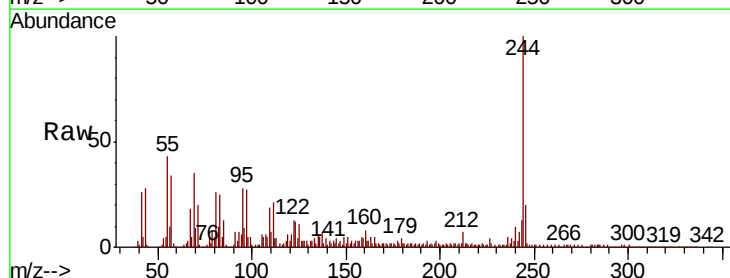
Tgt Ion:244 Resp: 503609

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 13.3 8.7 13.1#

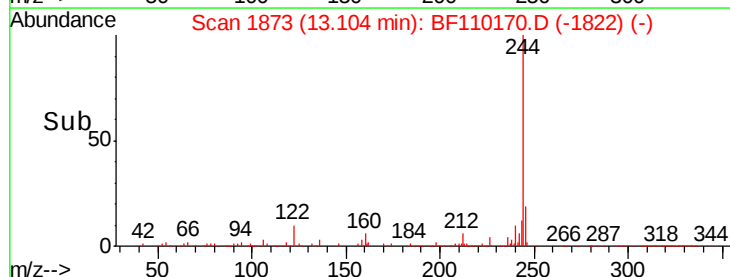
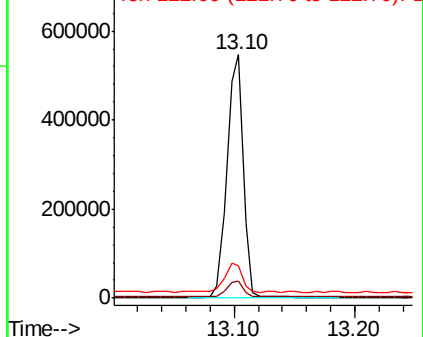


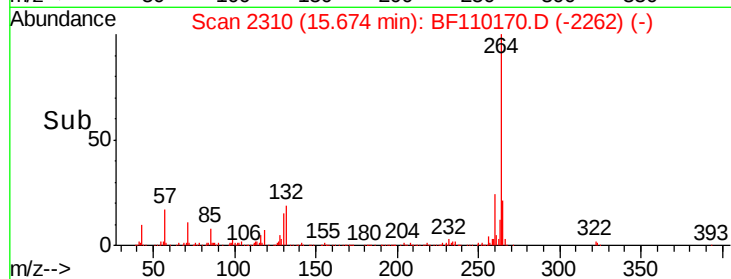
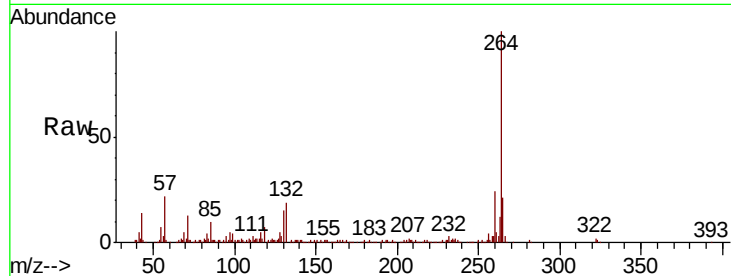
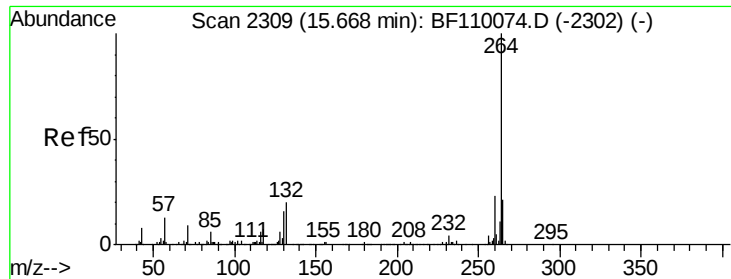
Abundance

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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.02 min
 Lab File: BF110170.D
 Acq: 25 Oct 2018 19:44

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200030

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.1	16.7	25.1

