

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107064.D
 Acq On : 3 Jul 2018 1:36
 Operator : JU/SJ
 Sample : J3799-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ULMW-01

Quant Time: Jul 03 04:01:19 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

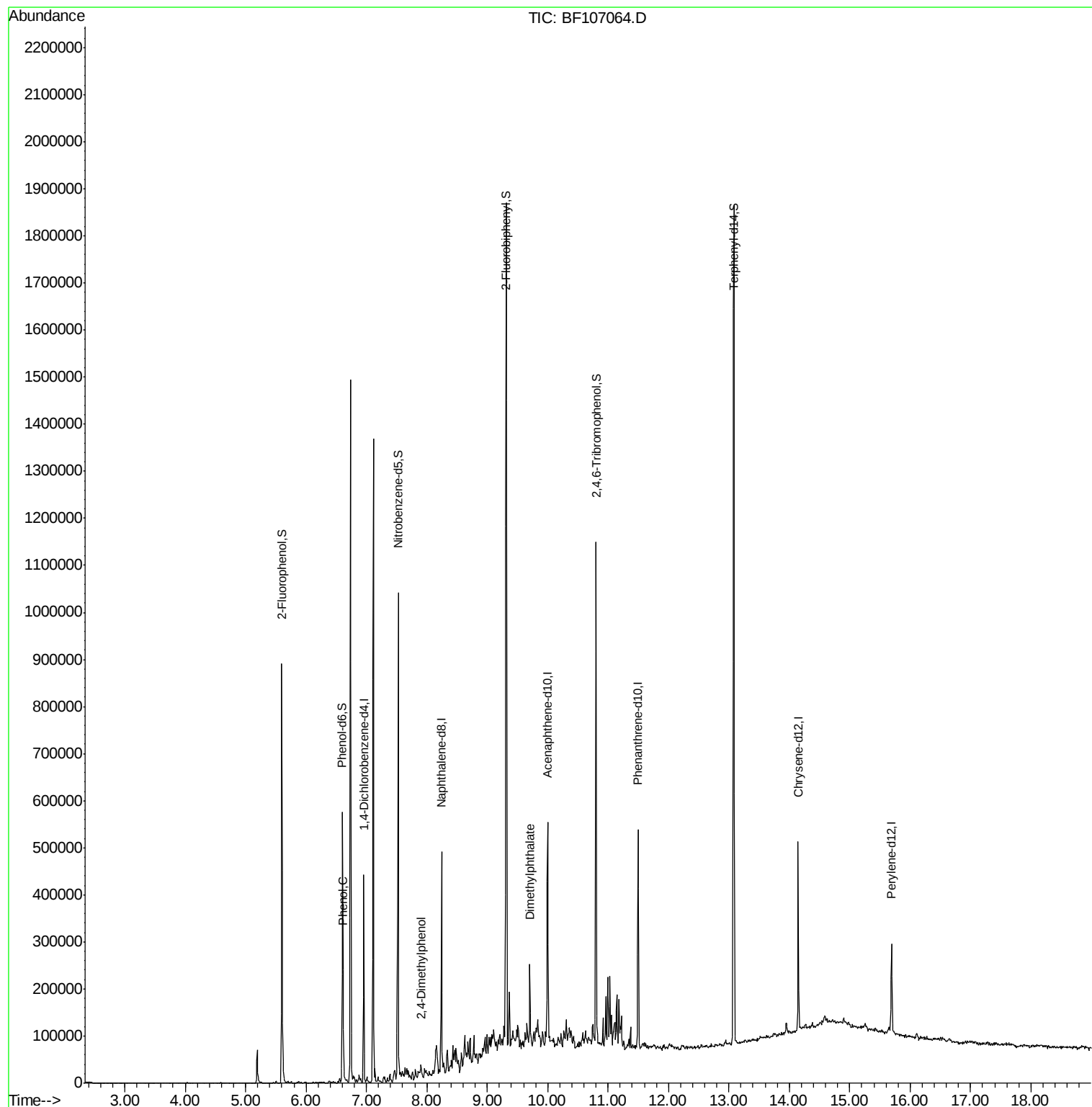
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	61959	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	216381	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	95591	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	167245	20.00	ng	0.00
75) Chrysene-d12	14.15	240	145061	20.00	ng	-0.02
86) Perylene-d12	15.69	264	100430	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	257065	70.25	ng	0.00
7) Phenol-d6	6.60	99	203707	44.58	ng	-0.01
23) Nitrobenzene-d5	7.52	82	352126	90.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	161850	146.08	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	628947	116.90	ng	-0.01
78) Terphenyl-d14	13.08	244	702561	117.32	ng	0.00
Target Compounds						
10) Phenol	6.62	94	12162	2.332	ng	88
27) 2,4-Dimethylphenol	7.90	122	5888	2.030	ng	88
49) Dimethylphthalate	9.71	163	63276	8.826	ng	98

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

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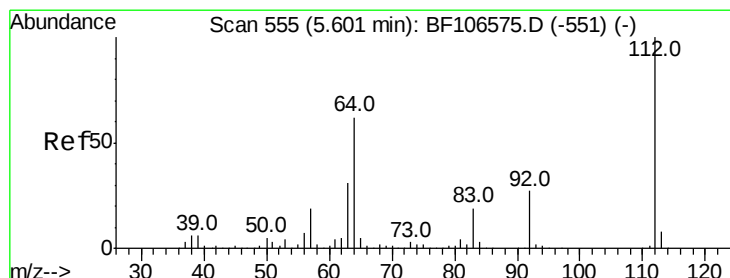
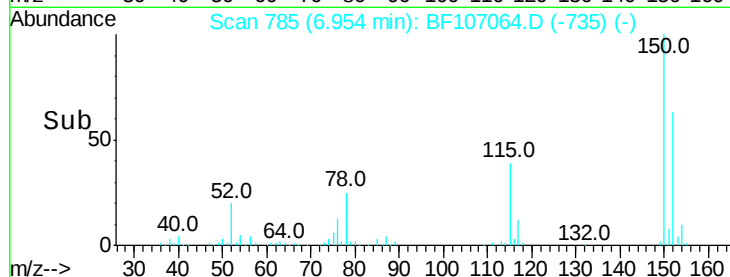
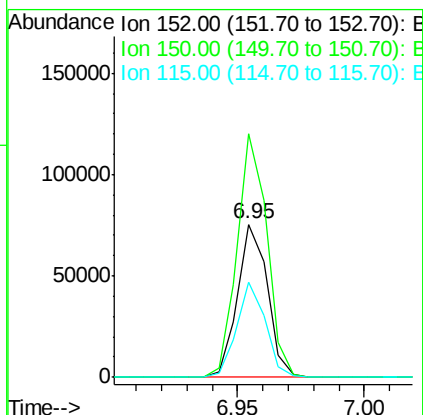
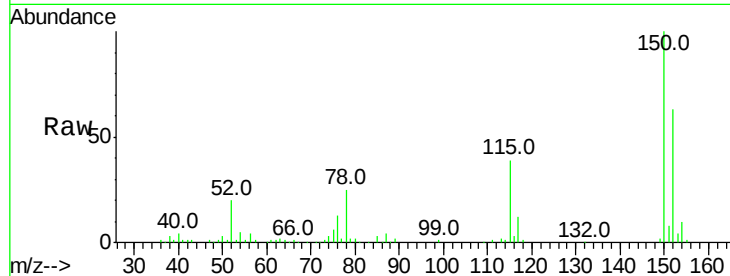


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF107064.D
 Acq: 3 Jul 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 ULMW-01

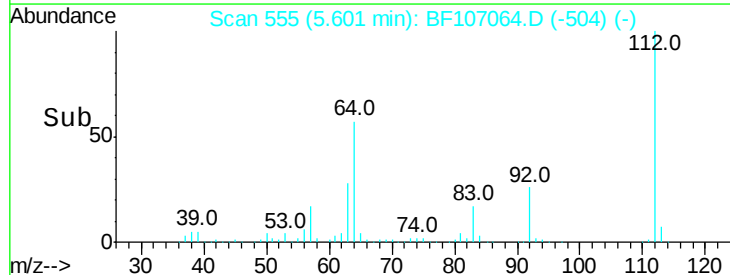
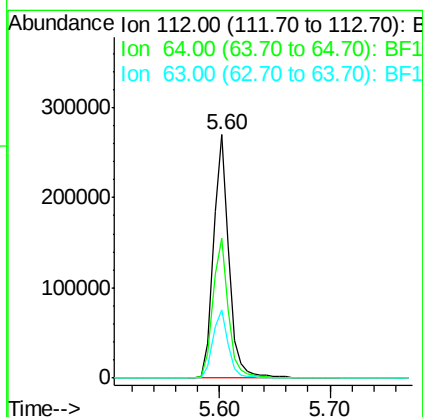
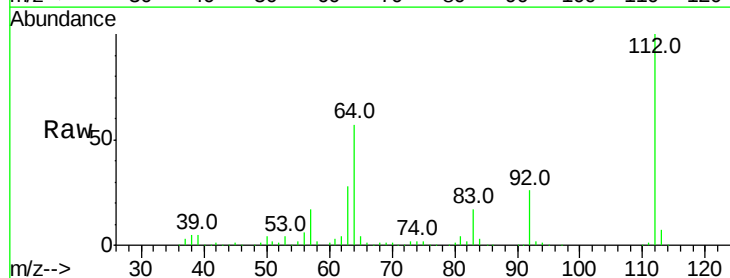
Tot Ion:152 Resp: 61959
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.6 186.8
 115 62.1 50.1 75.1



#5

2-Fluorophenol
 Concen: 70.255 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF107064.D
 Acq: 3 Jul 2018 1:36

Tgt Ion:112 Resp: 257065
 Ion Ratio Lower Upper
 112 100
 64 57.3 47.9 71.9
 63 28.0 23.7 35.5





#7

Phenol-d6

Concen: 44.581 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107064.D

Acq: 3 Jul 2018 1:36

Instrument :

BNA_F

ClientSampleId :

ULMW-01

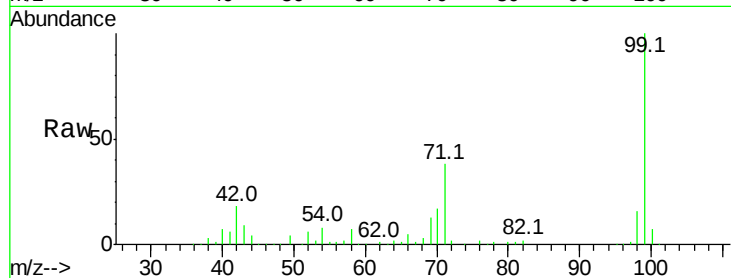
Tot Ion: 99 Resp: 203707

Ion Ratio Lower Upper

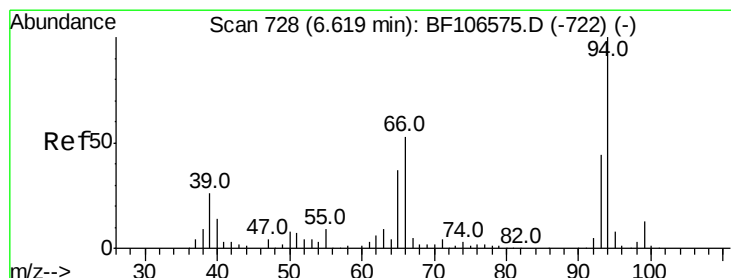
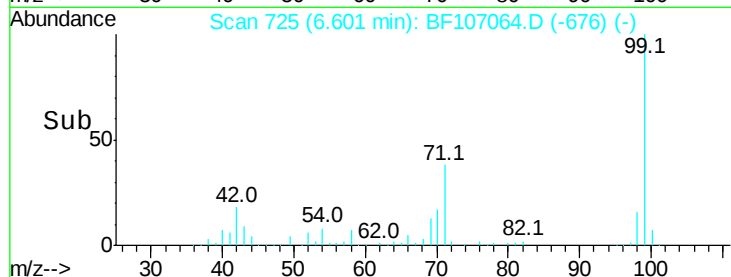
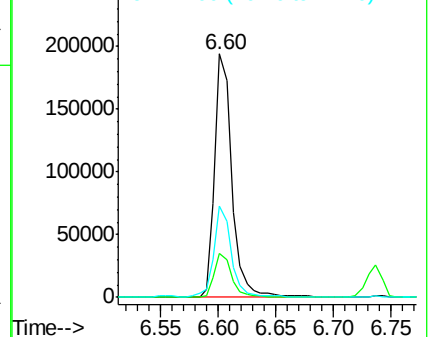
99 100

42 18.0 14.5 21.7

71 37.5 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: 2.332 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107064.D

Acq: 3 Jul 2018 1:36

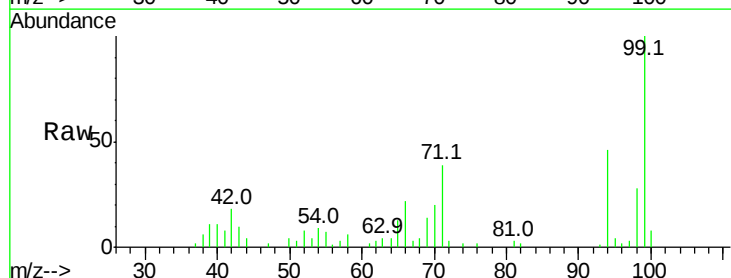
Tgt Ion: 94 Resp: 12162

Ion Ratio Lower Upper

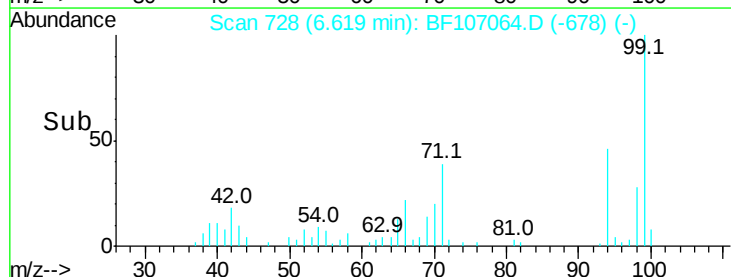
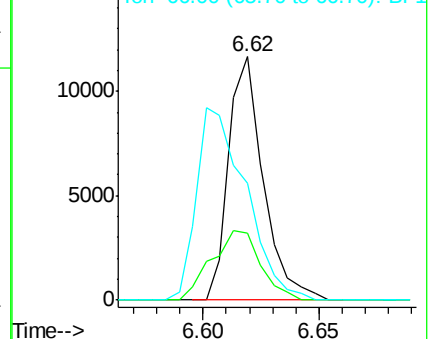
94 100

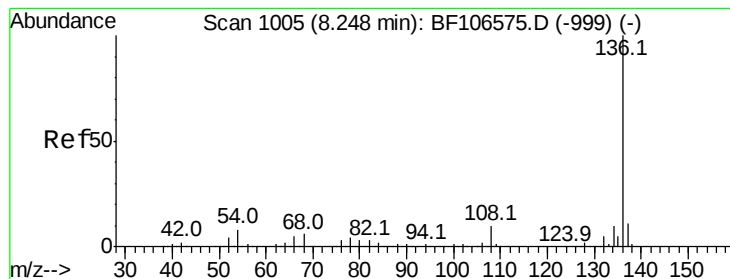
65 27.7 7.9 47.9

66 48.0 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: BF107064.D

Acq: 3 Jul 2018 1:36

Instrument :

BNA_F

ClientSampleId :

ULMW-01

Tot Ion:136 Resp: 216381

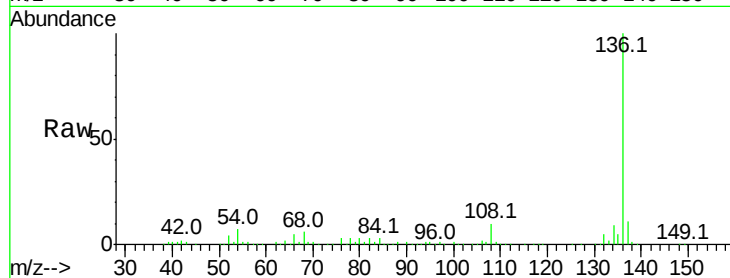
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.4 6.6 9.8

68 6.1 5.0 7.4

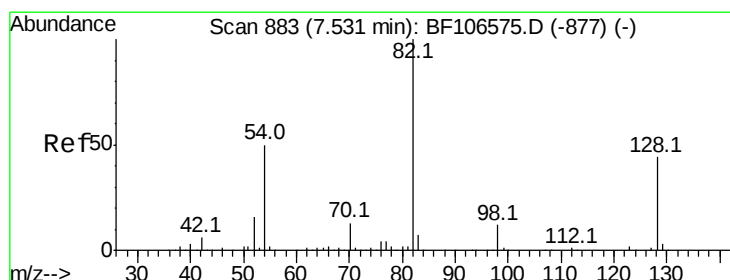
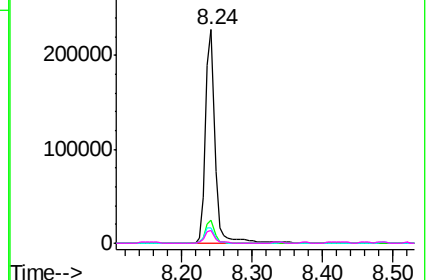
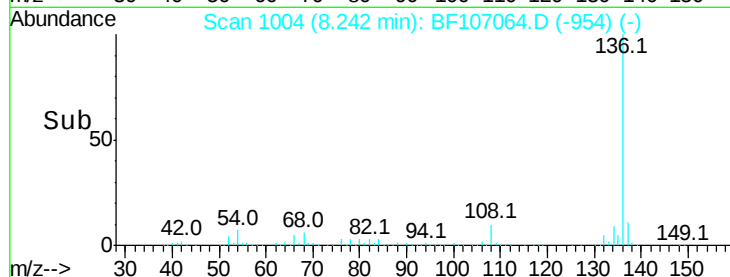


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.437 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107064.D

Acq: 3 Jul 2018 1:36

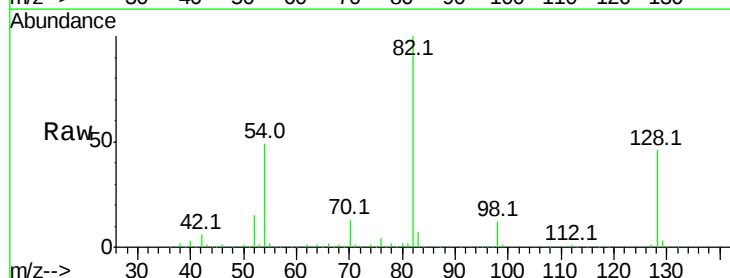
Tgt Ion: 82 Resp: 352126

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

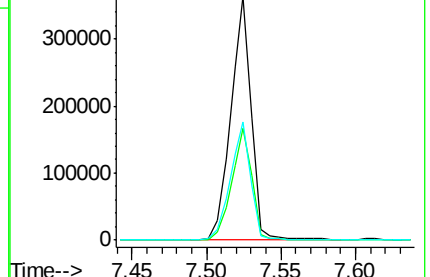
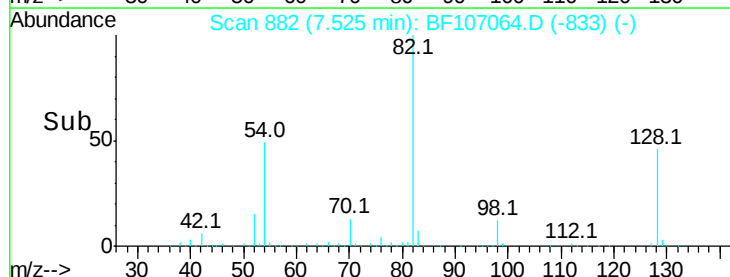
54 48.6 41.4 62.2

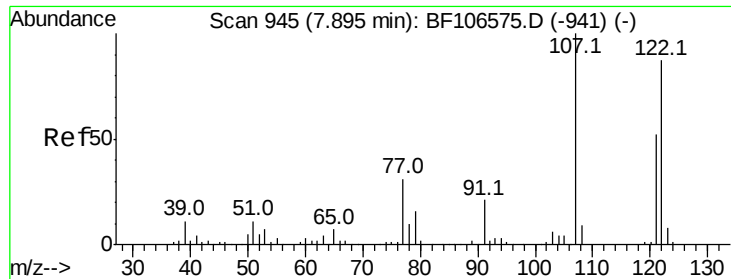


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

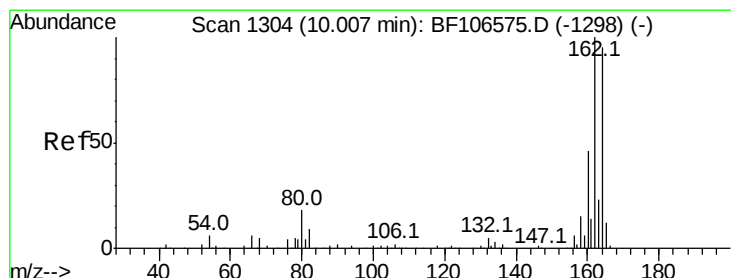
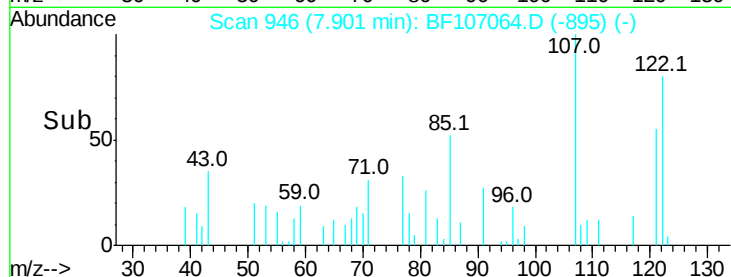
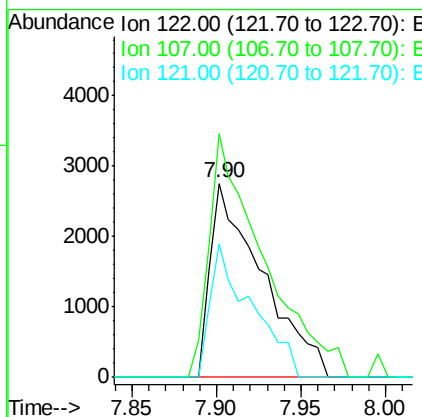
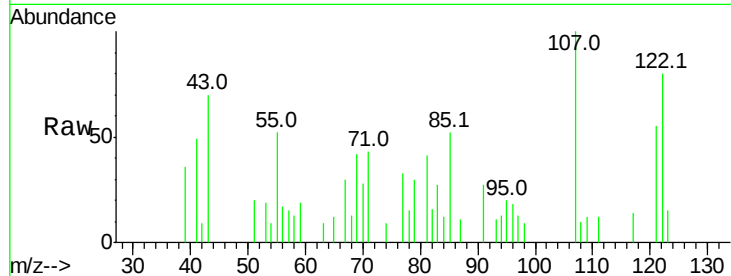




#27
 2,4-Dimethylphenol
 Concen: 2.030 ng
 RT: 7.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF107064.D
 Acq: 3 Jul 2018 1:36

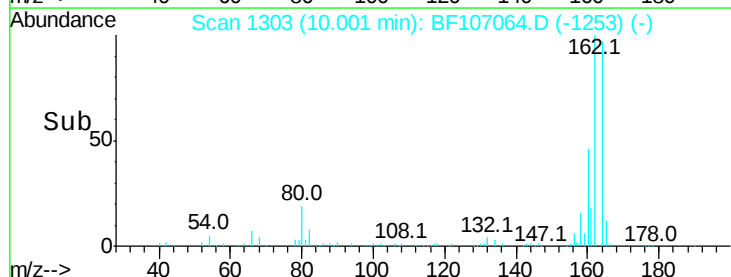
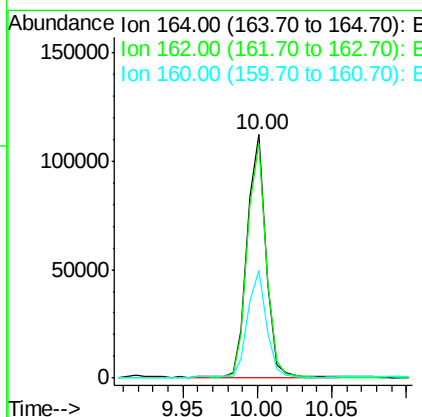
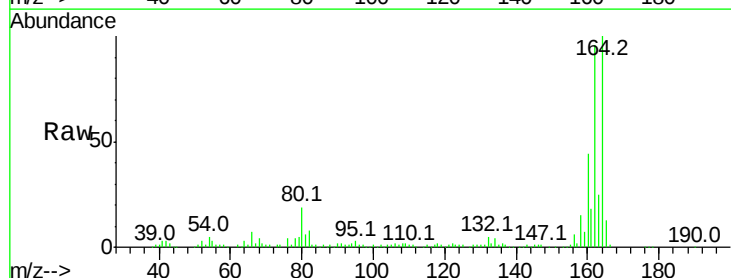
Instrument :
 BNA_F
 ClientSampled :
 ULMW-01

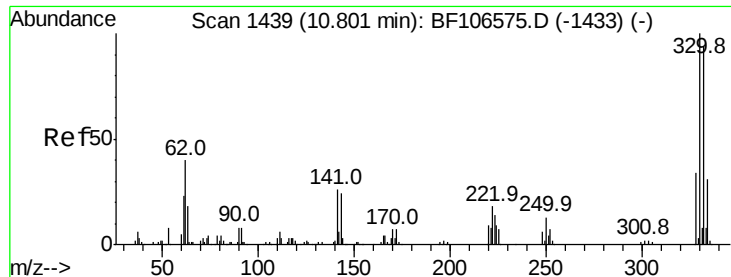
Tot Ion:122 Resp: 5888
 Ion Ratio Lower Upper
 122 100
 107 125.6 91.2 136.8
 121 68.9 47.2 70.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107064.D
 Acq: 3 Jul 2018 1:36

Tgt Ion:164 Resp: 95591
 Ion Ratio Lower Upper
 164 100
 162 96.4 86.1 129.1
 160 44.3 38.3 57.5

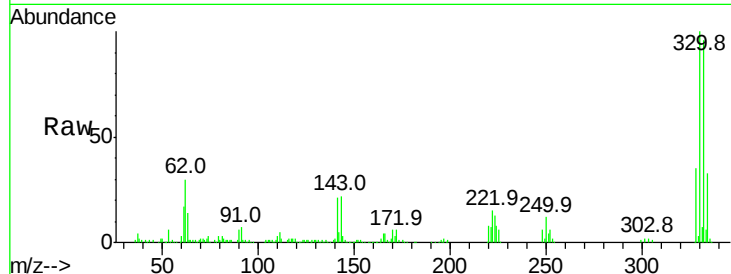




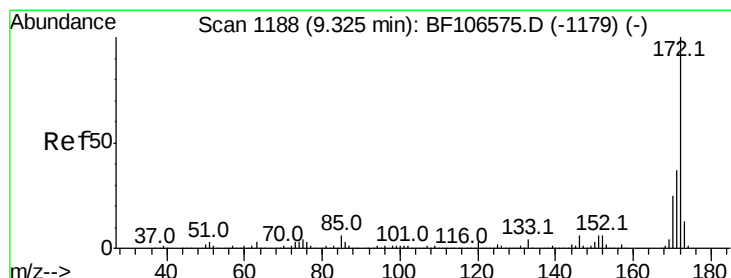
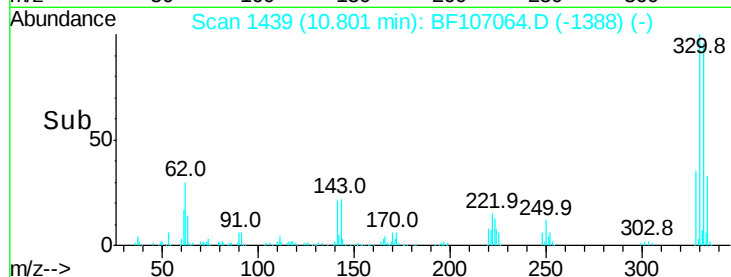
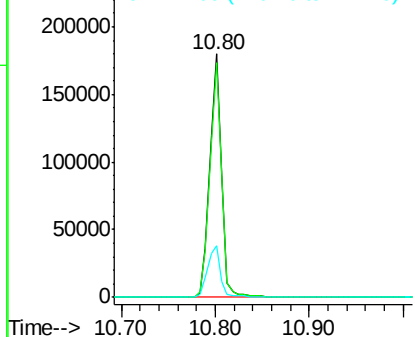
#41
 2,4,6-Tribromophenol
 Concen: 146.084 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107064.D
 Acq: 3 Jul 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 ULMW-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	22.3	29.9	44.9

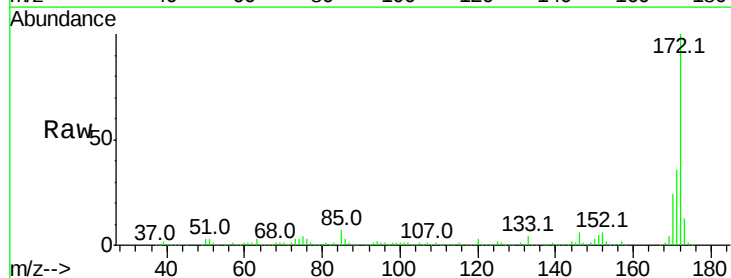


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

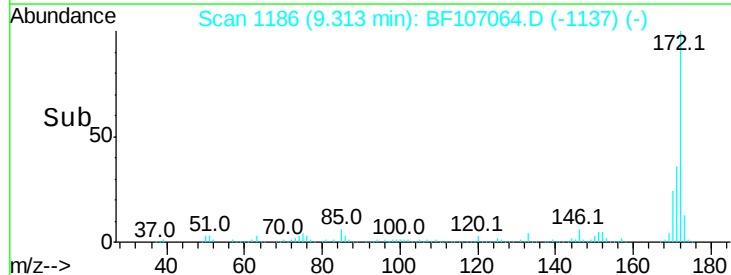
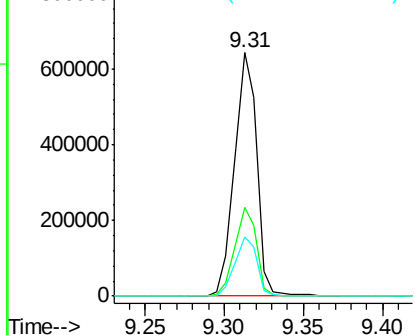


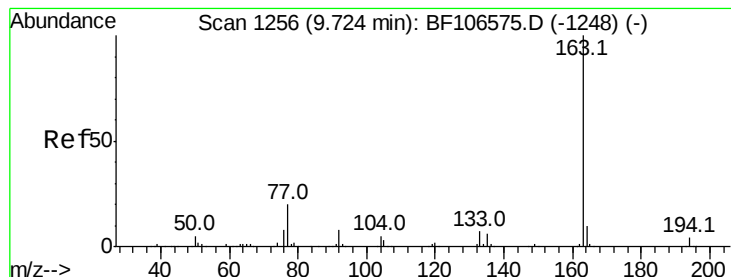
#44
 2-Fluorobiphenyl
 Concen: 116.904 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107064.D
 Acq: 3 Jul 2018 1:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	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: 8.826 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF107064.D

Acq: 3 Jul 2018 1:36

Instrument :

BNA_F

ClientSampleId :

ULMW-01

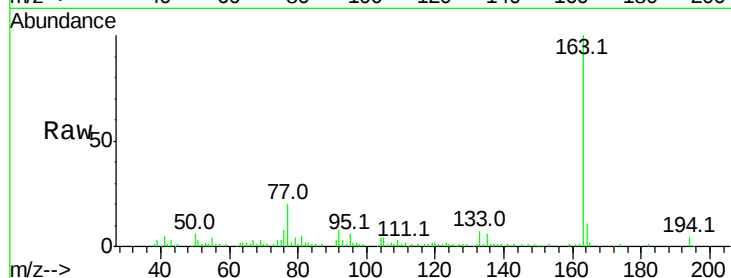
Tot Ion:163 Resp: 63276

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

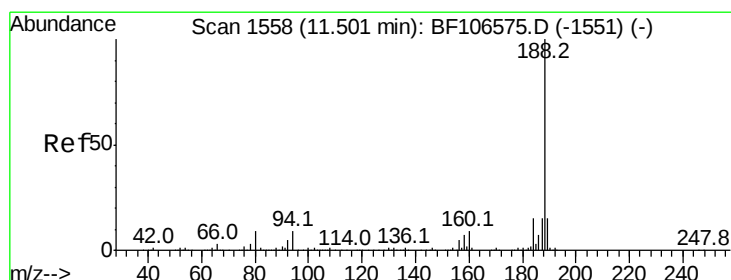
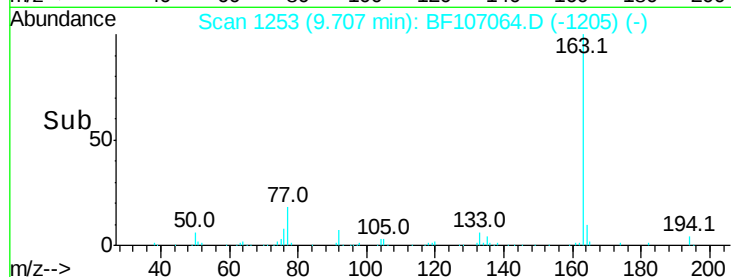
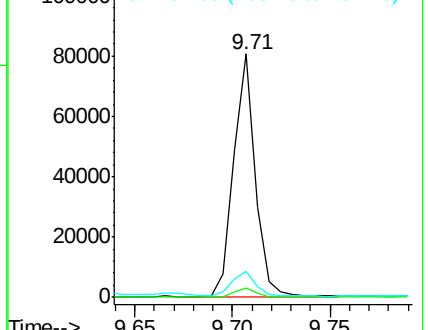
164 10.9 8.2 12.2



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# 1557

Delta R.T. -0.01 min

Lab File: BF107064.D

Acq: 3 Jul 2018 1:36

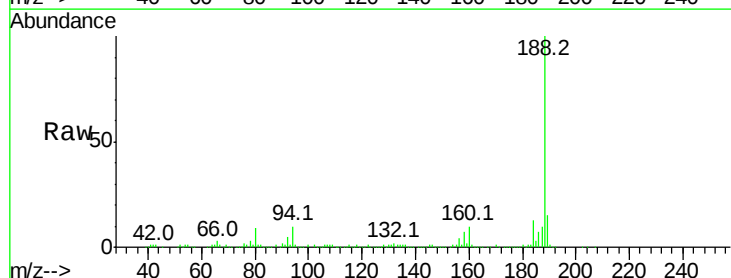
Tgt Ion:188 Resp: 167245

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

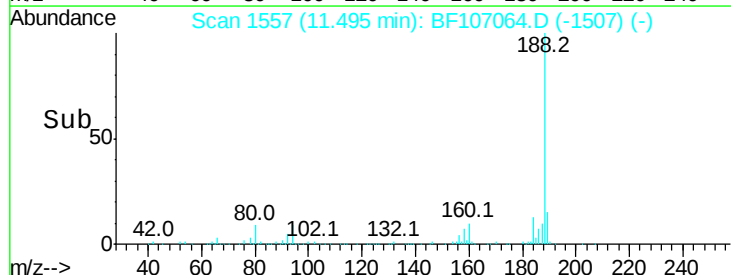
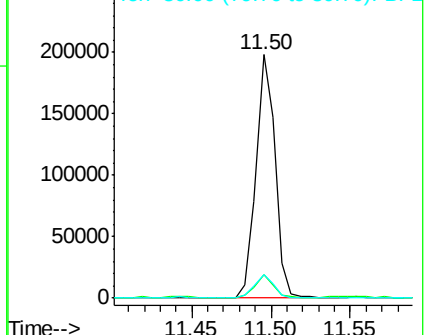
80 9.4 9.2 13.8

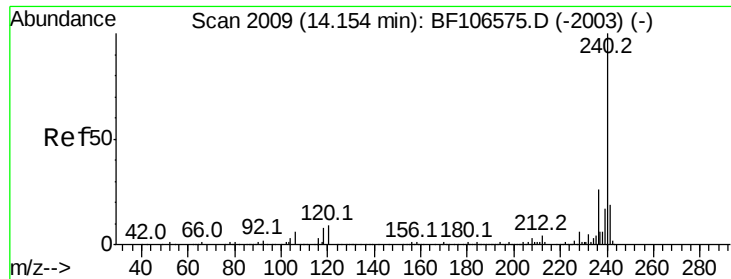


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2008

Delta R.T. -0.02 min

Lab File: BF107064.D

Acq: 3 Jul 2018 1:36

Instrument :

BNA_F

ClientSampleId :

ULMW-01

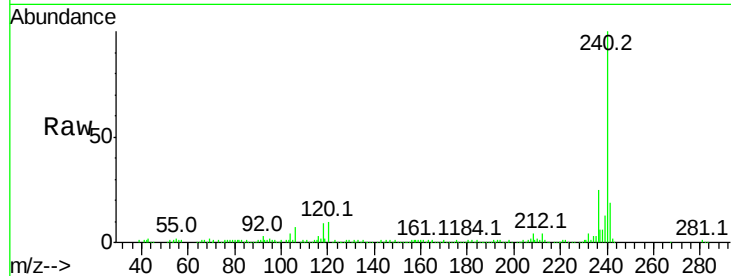
Tot Ion:240 Resp: 145061

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

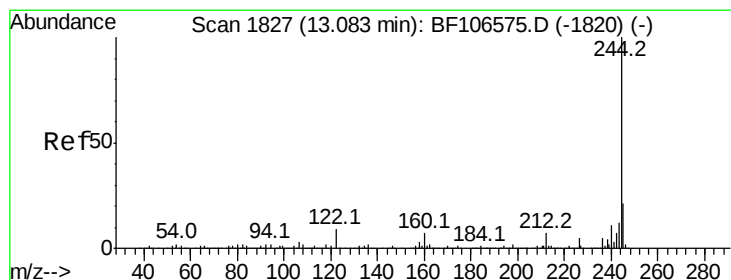
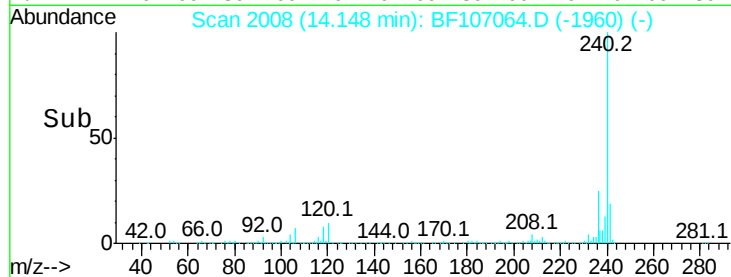
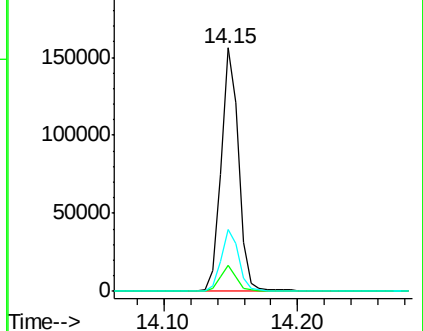
236 25.5 20.7 31.1



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: 117.317 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107064.D

Acq: 3 Jul 2018 1:36

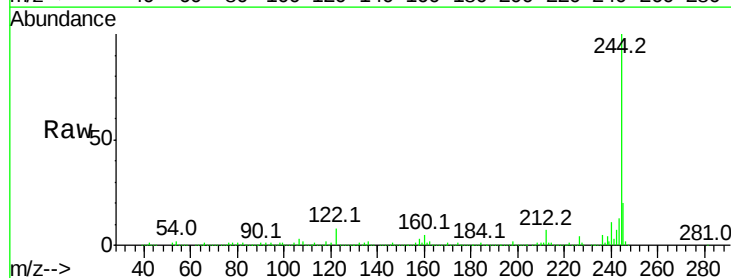
Tgt Ion:244 Resp: 702561

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

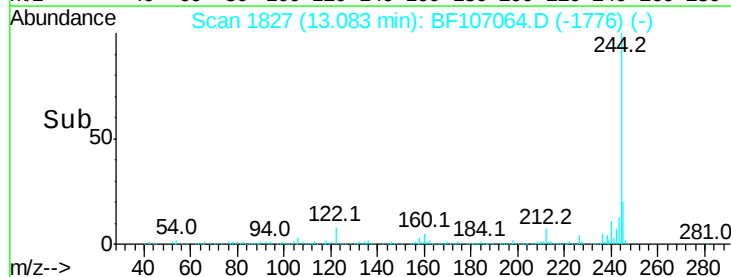
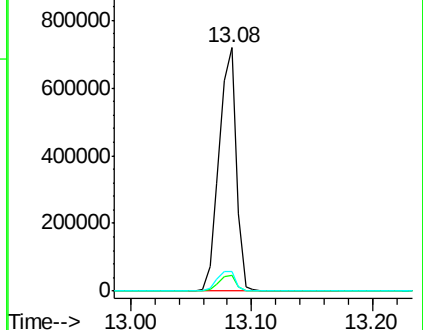
122 8.1 11.0 16.4#

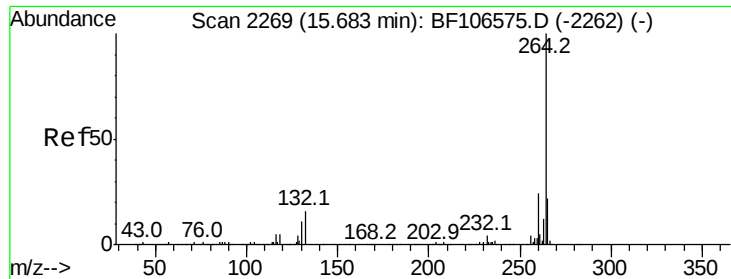


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2271
 Delta R.T. -0.02 min
 Lab File: BF107064.D
 Acq: 3 Jul 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 ULMW-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.5	26.3

