

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106960.D
 Acq On : 29 Jun 2018 9:20
 Operator : JU/SJ
 Sample : J3711-01DL2 100X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-26S-GWDL2

Quant Time: Jun 29 11:41:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

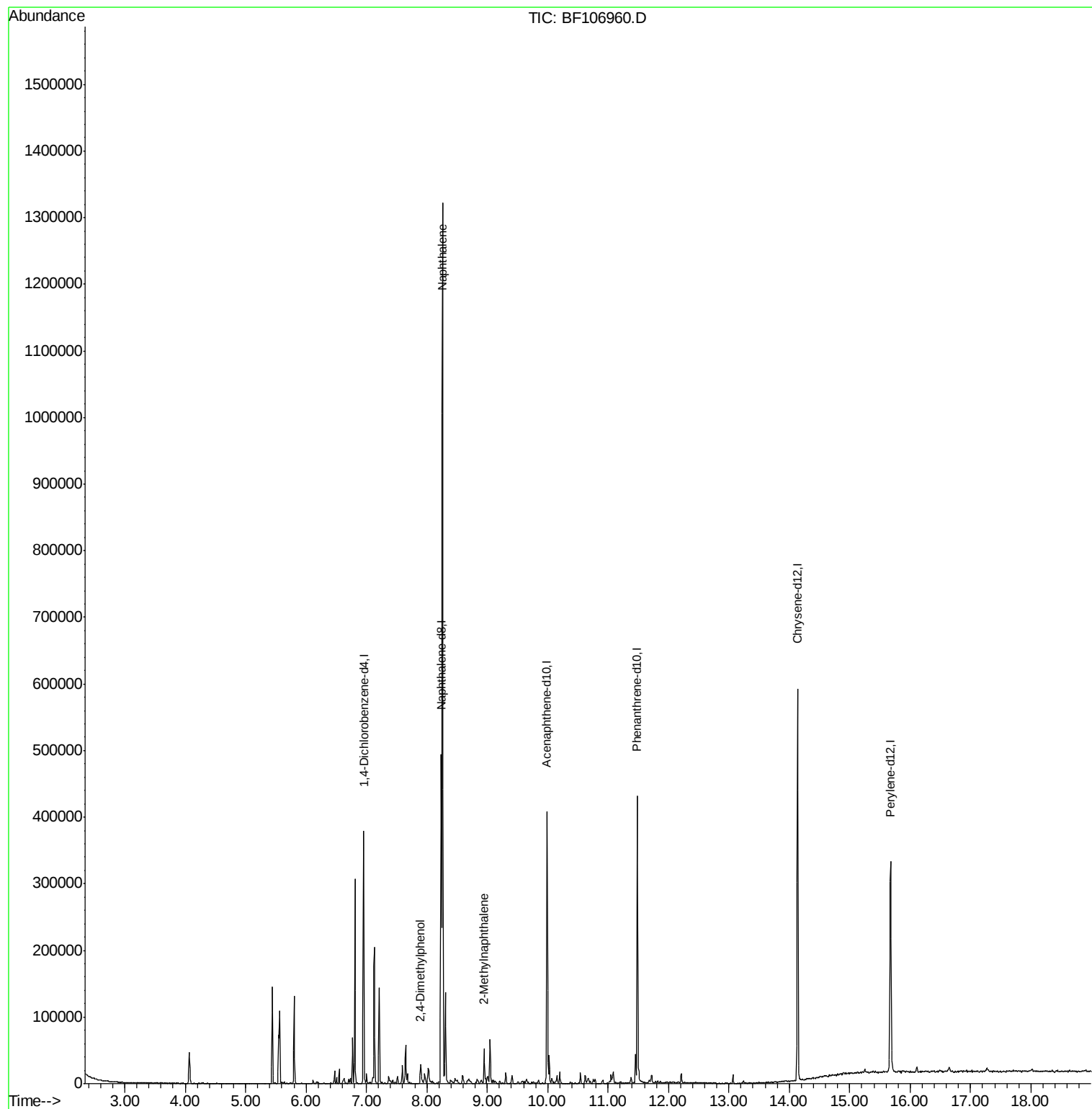
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	61178	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	219607	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	93188	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	163581	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	215052	20.00	ng	-0.03
86) Perylene-d12	15.68	264	172288	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1342	0.37	ng	0.00
7) Phenol-d6	6.61	99	1310	0.29	ng	0.00
23) Nitrobenzene-d5	7.52	82	3141	0.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	1121	1.04	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	6920	1.13	ng	-0.02
78) Terphenyl-d14	13.07	244	6328	0.71	ng	-0.02
Target Compounds						
27) 2,4-Dimethylphenol	7.89	122	11202	3.805	ng	99
31) Naphthalene	8.26	128	571631	55.675	ng	100
37) 2-Methylnaphthalene	8.95	142	16966	2.493	ng	97

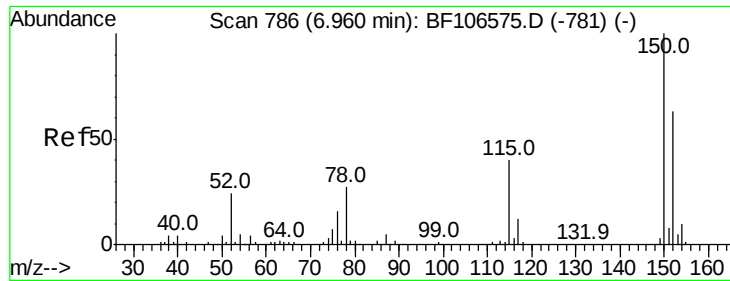
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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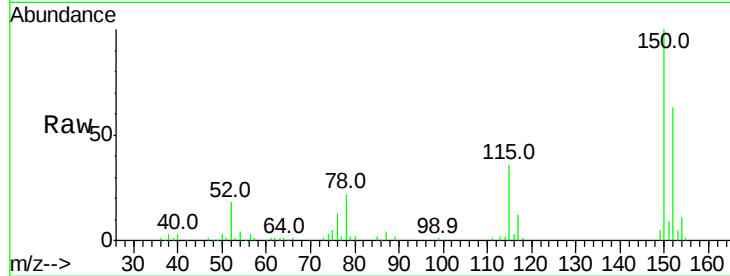


#1

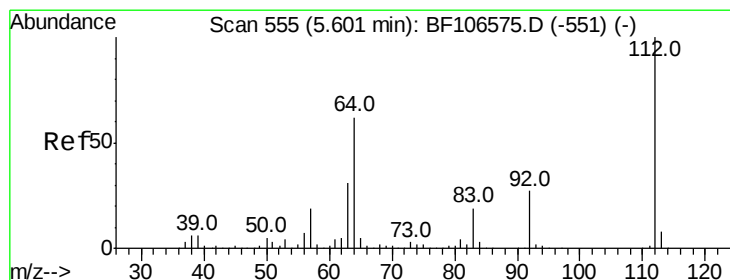
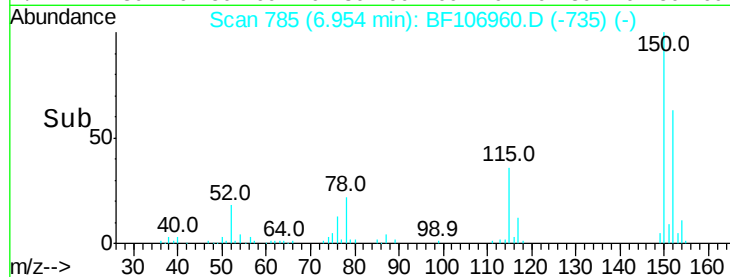
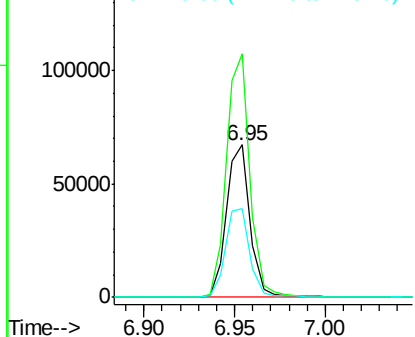
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106960.D
Acq: 29 Jun 2018 9:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-26S-GWDL2

Tot Ion:152 Resp: 61178
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 58.2 50.1 75.1



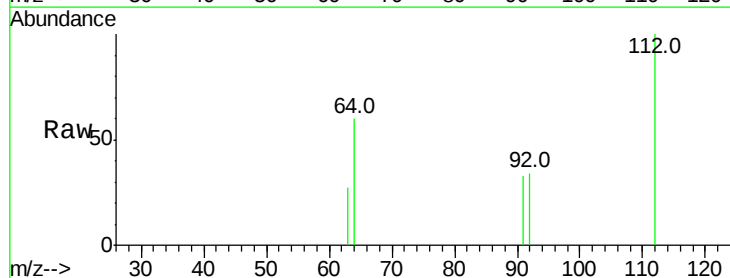
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



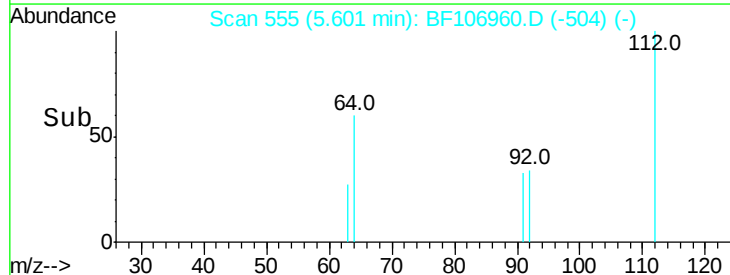
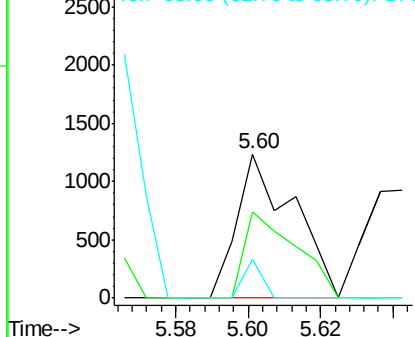
#5

2-Fluorophenol
Concen: 0.371 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106960.D
Acq: 29 Jun 2018 9:20

Tgt Ion:112 Resp: 1342
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 27.0 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: 0.290 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106960.D

Acq: 29 Jun 2018 9:20

Instrument :

BNA_F

ClientSampleId :

QNWP8-26S-GWDL2

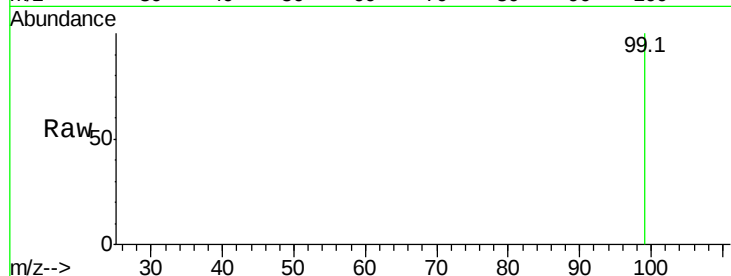
Tot Ion: 99 Resp: 1310

Ion Ratio Lower Upper

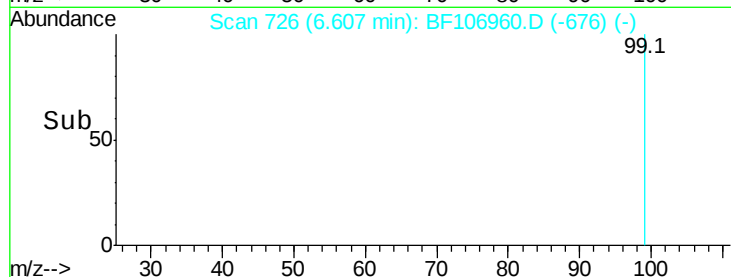
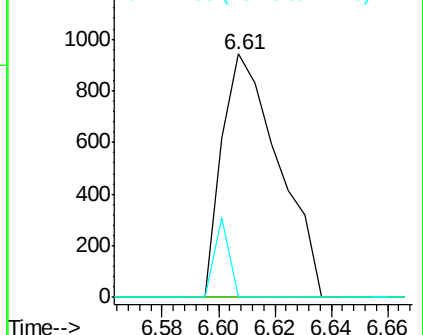
99 100

42 0.0 14.5 21.7#

71 0.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106960.D

Acq: 29 Jun 2018 9:20

Tgt Ion: 136 Resp: 219607

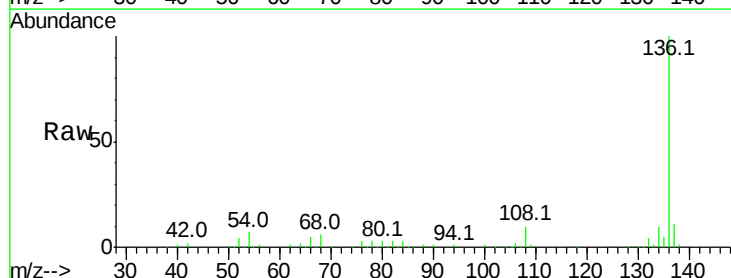
Ion Ratio Lower Upper

136 100

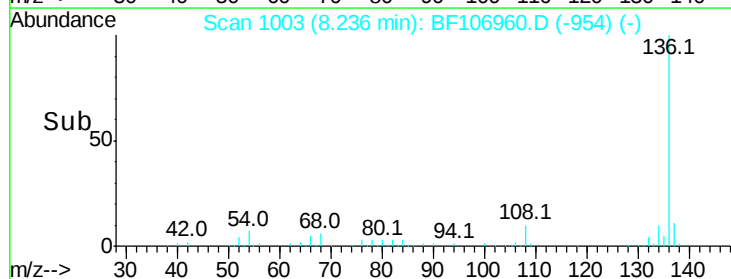
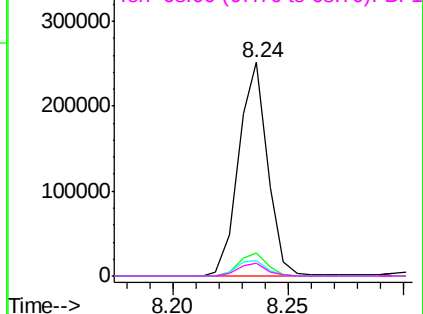
137 10.9 8.9 13.3

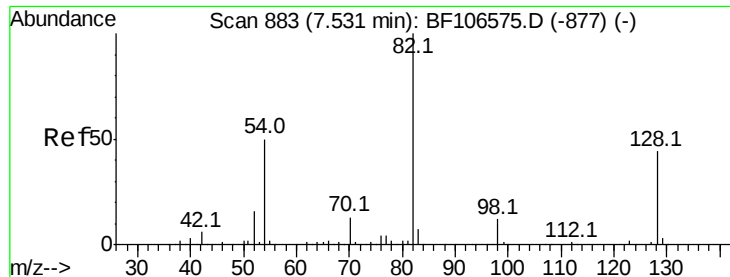
54 7.2 6.6 9.8

68 6.0 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

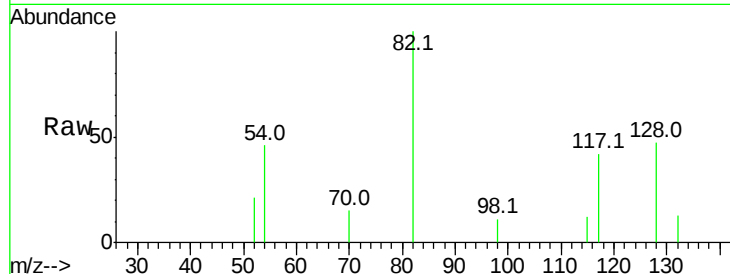




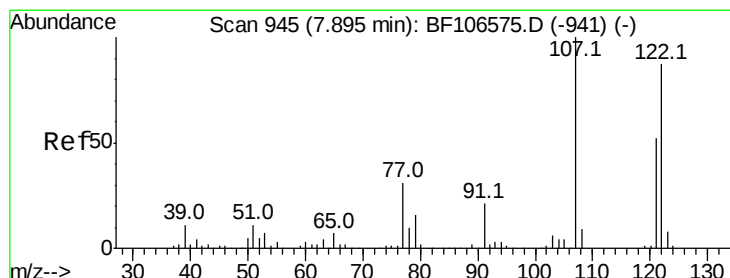
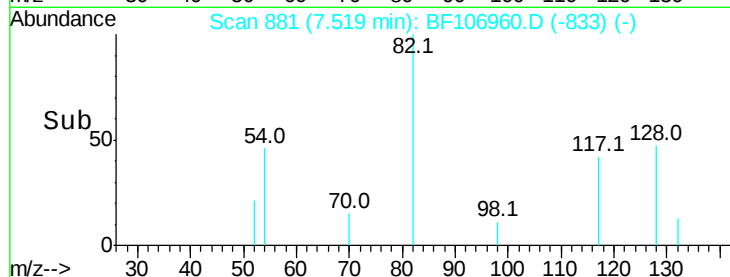
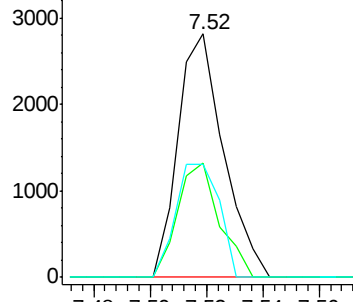
#23
 Nitrobenzene-d5
 Concen: 0.795 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106960.D
 Acq: 29 Jun 2018 9:20

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-26S-GWDL2

Tot Ion: 82 Resp: 3141
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 46.5 41.4 62.2

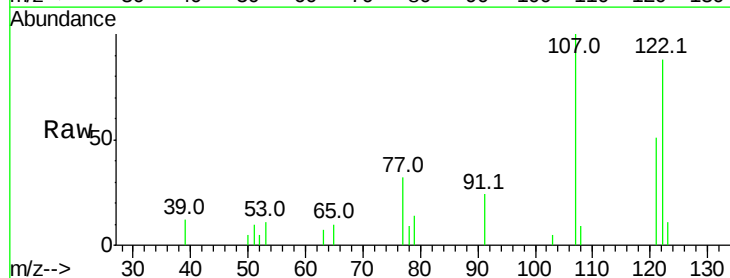


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

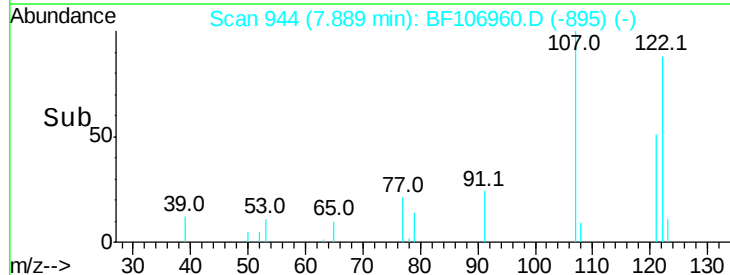
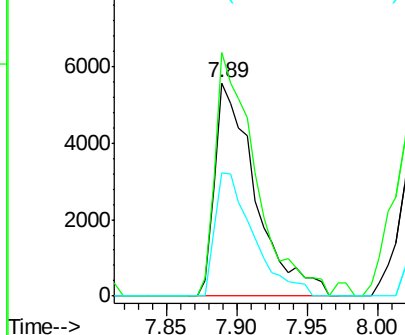


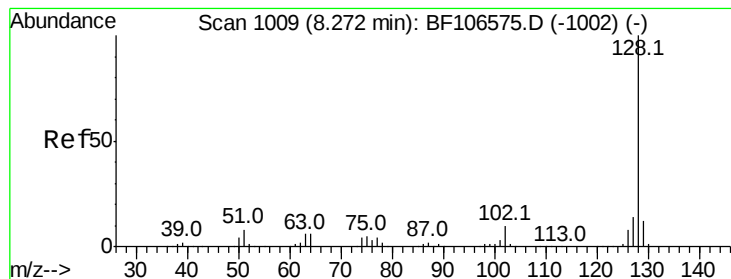
#27
 2,4-Dimethylphenol
 Concen: 3.805 ng
 RT: 7.89 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF106960.D
 Acq: 29 Jun 2018 9:20

Tgt Ion:122 Resp: 11202
 Ion Ratio Lower Upper
 122 100
 107 114.1 91.2 136.8
 121 57.9 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





#31

Naphthalene

Concen: 55.675 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF106960.D

Acq: 29 Jun 2018 9:20

Instrument :

BNA_F

ClientSampleId :

QNWP8-26S-GWDL2

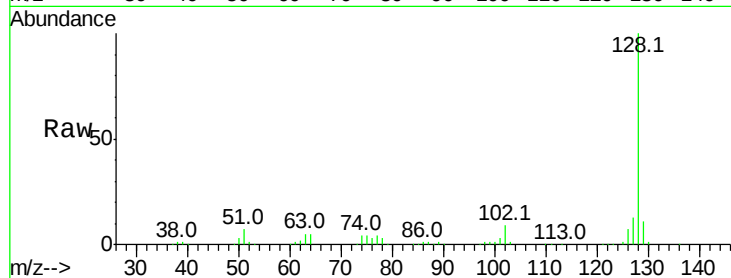
Tot Ion:128 Resp: 571631

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

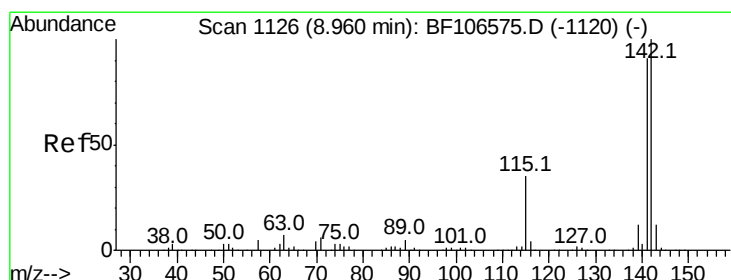
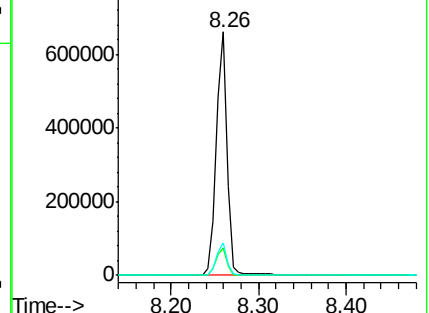
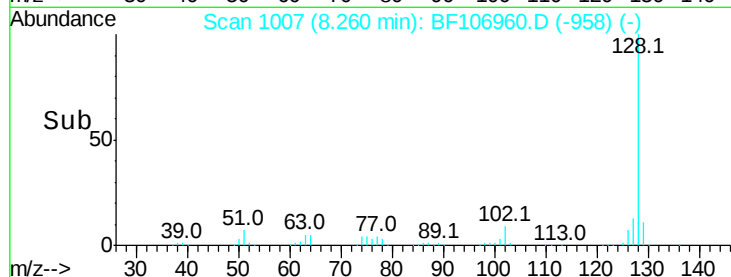
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 2.493 ng

RT: 8.95 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF106960.D

Acq: 29 Jun 2018 9:20

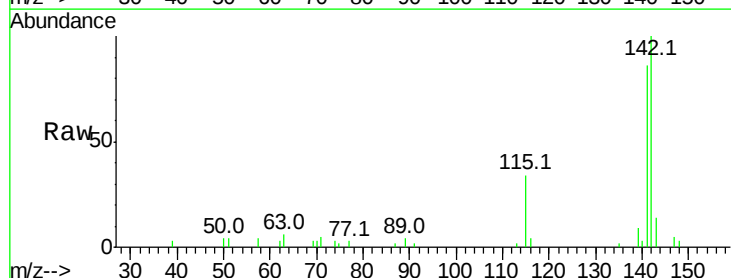
Tgt Ion:142 Resp: 16966

Ion Ratio Lower Upper

142 100

141 85.6 70.8 106.2

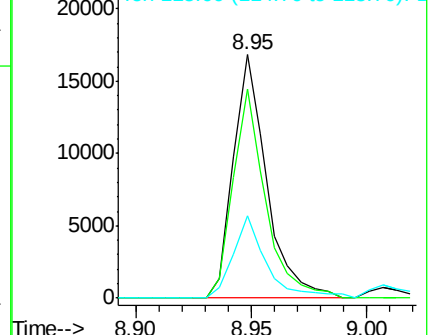
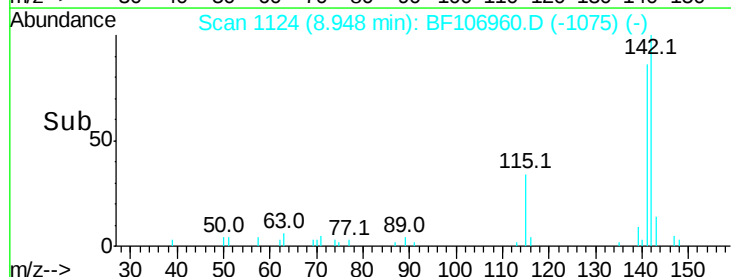
115 33.7 26.1 39.1

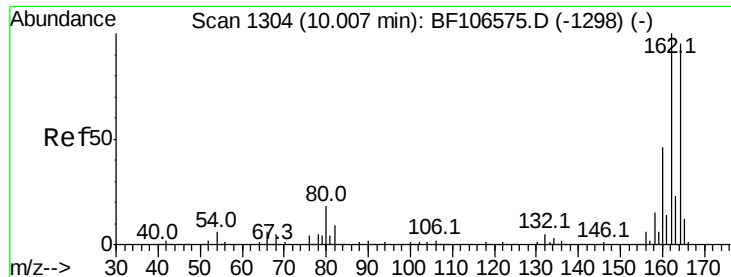


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

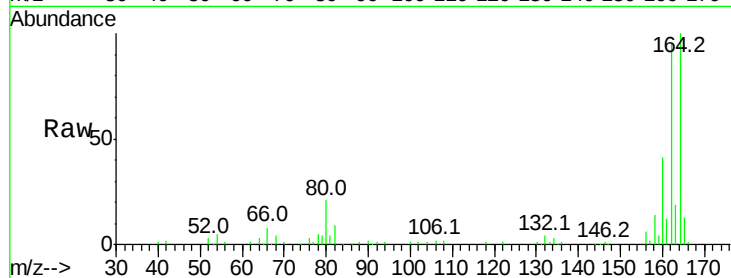




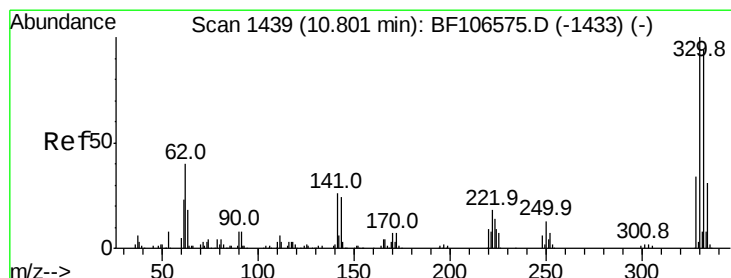
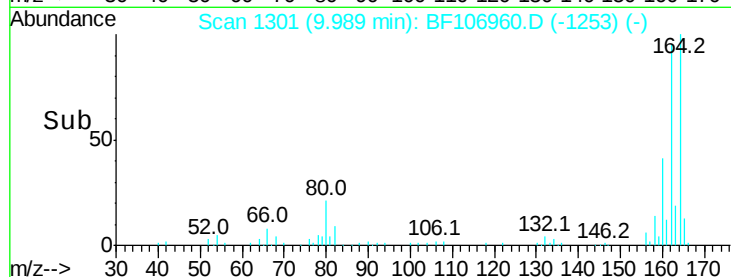
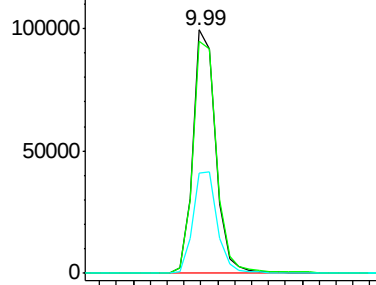
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF106960.D
Acq: 29 Jun 2018 9:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-26S-GWDL2

Tot Ion:164 Resp: 93188
Ion Ratio Lower Upper
164 100
162 95.3 86.1 129.1
160 41.2 38.3 57.5

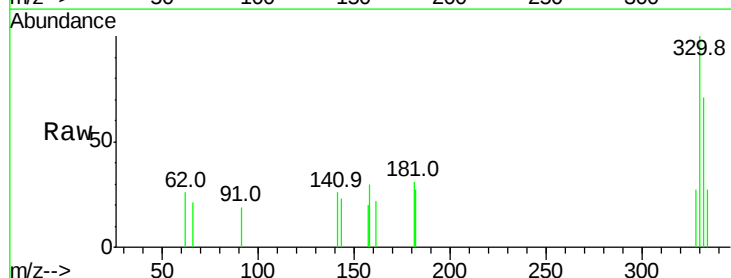


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

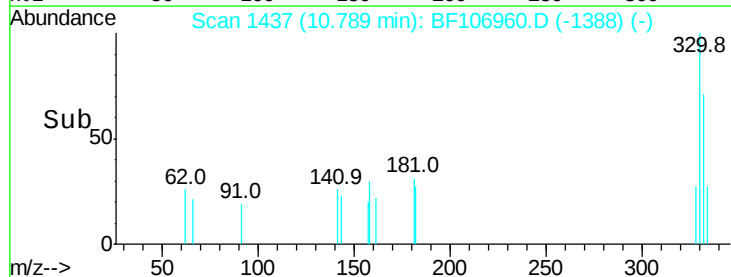
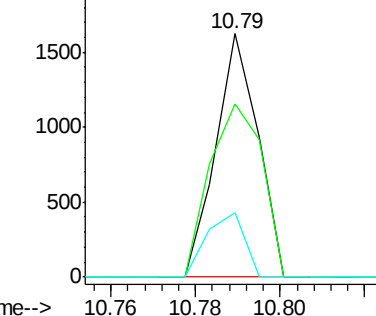


#41
2,4,6-Tribromophenol
Concen: 1.038 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106960.D
Acq: 29 Jun 2018 9:20

Tgt Ion:330 Resp: 1121
Ion Ratio Lower Upper
330 100
332 88.7 77.0 115.6
141 23.4 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

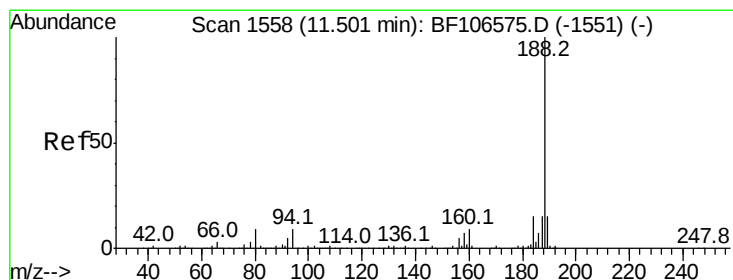
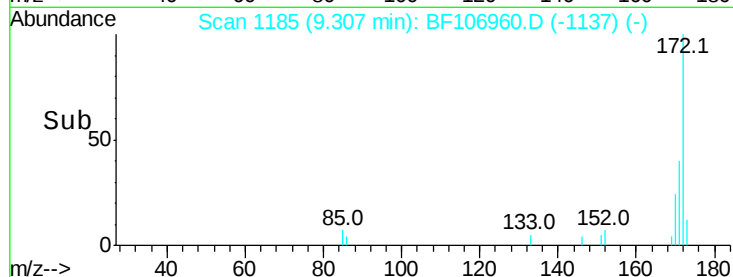
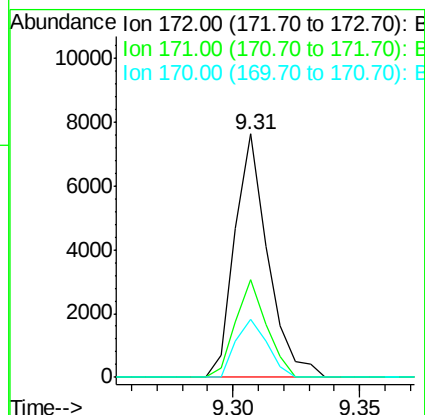
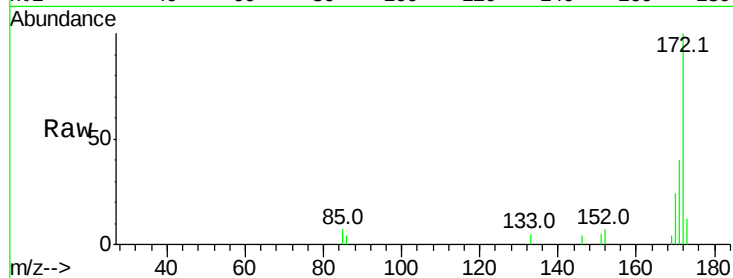




#44
 2-Fluorobiphenyl
 Concen: 1.134 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106960.D
 Acq: 29 Jun 2018 9:20

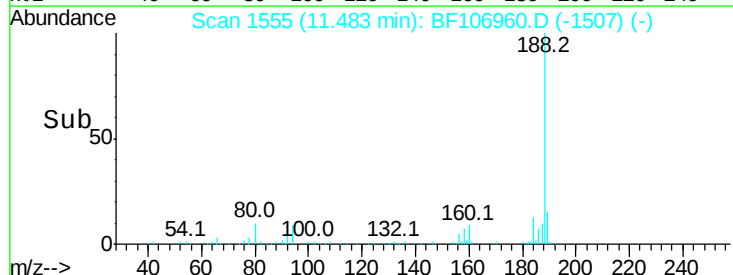
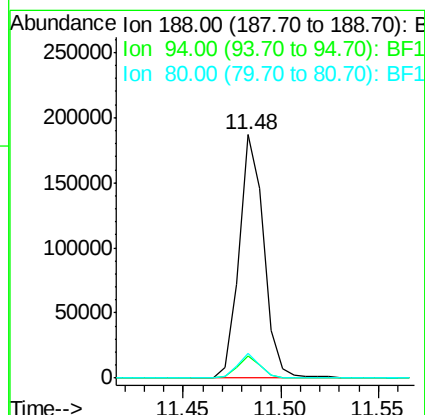
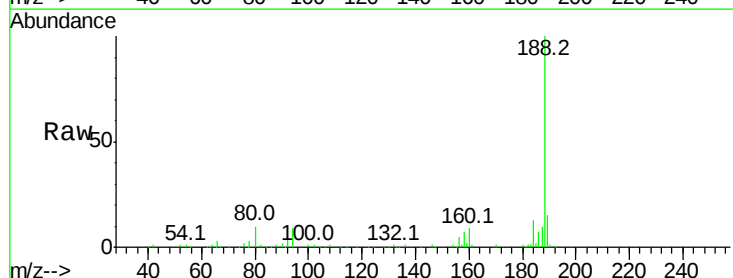
Instrument :
 BNA_F
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 QNWP8-26S-GWDL2

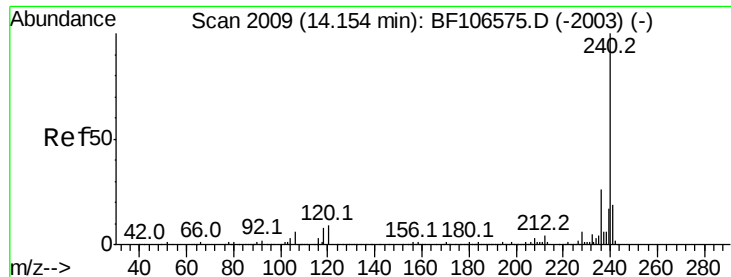
Tot Ion:172 Resp: 6920
 Ion Ratio Lower Upper
 172 100
 171 40.1 29.7 44.5
 170 23.9 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF106960.D
 Acq: 29 Jun 2018 9:20

Tgt Ion:188 Resp: 163581
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.5 12.7
 80 9.9 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106960.D

Acq: 29 Jun 2018 9:20

Instrument :

BNA_F

ClientSampleId :

QNWP8-26S-GWDL2

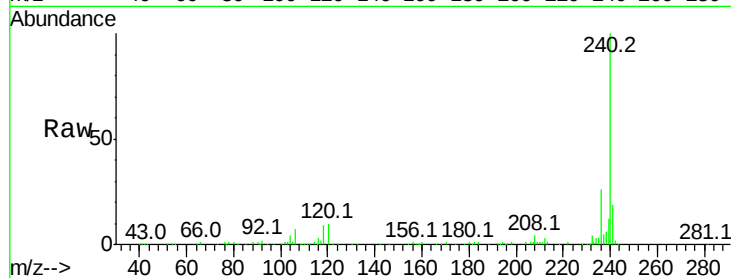
Tot Ion:240 Resp: 215052

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

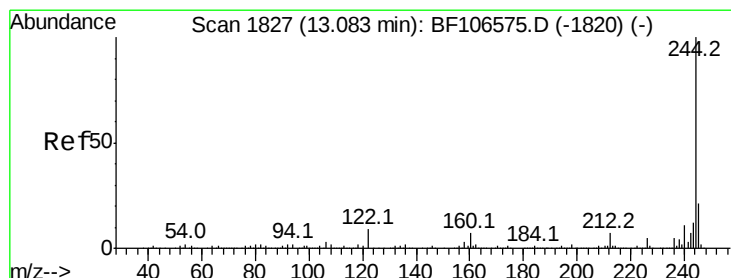
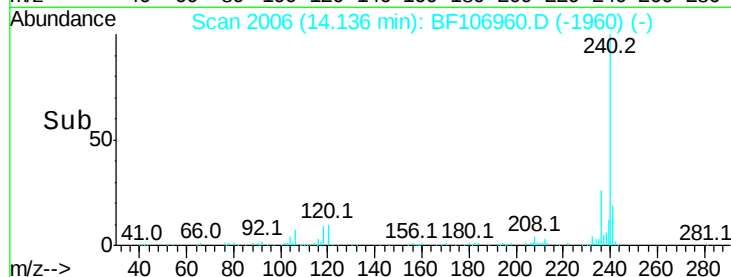
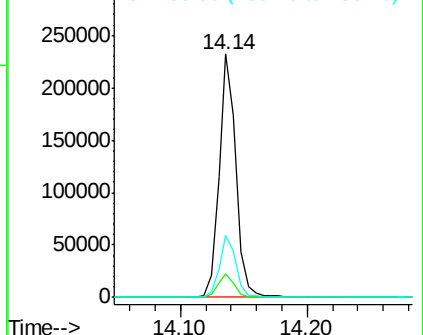
236 25.6 20.7 31.1



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: 0.713 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF106960.D

Acq: 29 Jun 2018 9:20

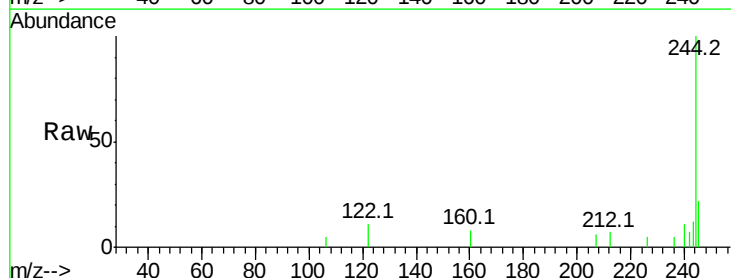
Tgt Ion:244 Resp: 6328

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

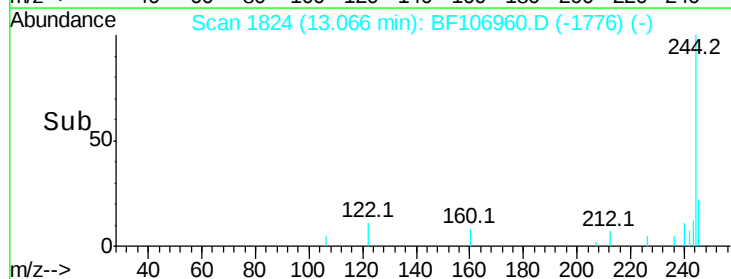
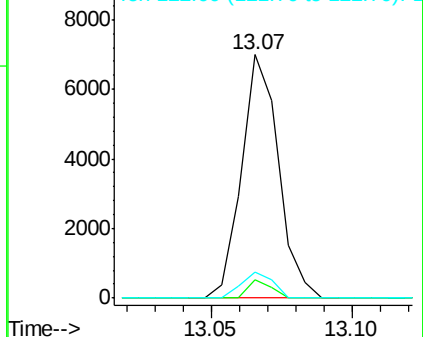
122 10.7 11.0 16.4#

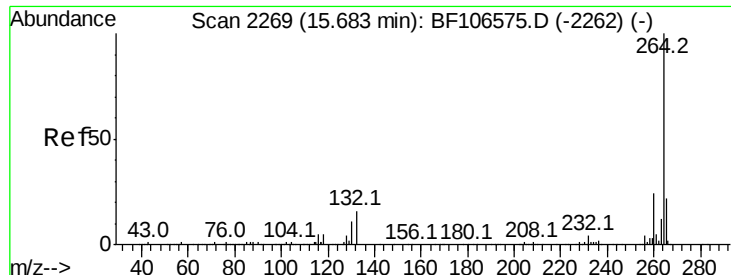


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106960.D
 Acq: 29 Jun 2018 9:20

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-26S-GWDL2

Tot Ion:	264	Resp:	172288
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	17.5	26.3

