

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
 Data File : BF107626.D
 Acq On : 24 Jul 2018 18:31
 Operator : JU/SJ
 Sample : J4110-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GS-RO-338-RO-147-RO-278

Quant Time: Jul 25 03:46:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

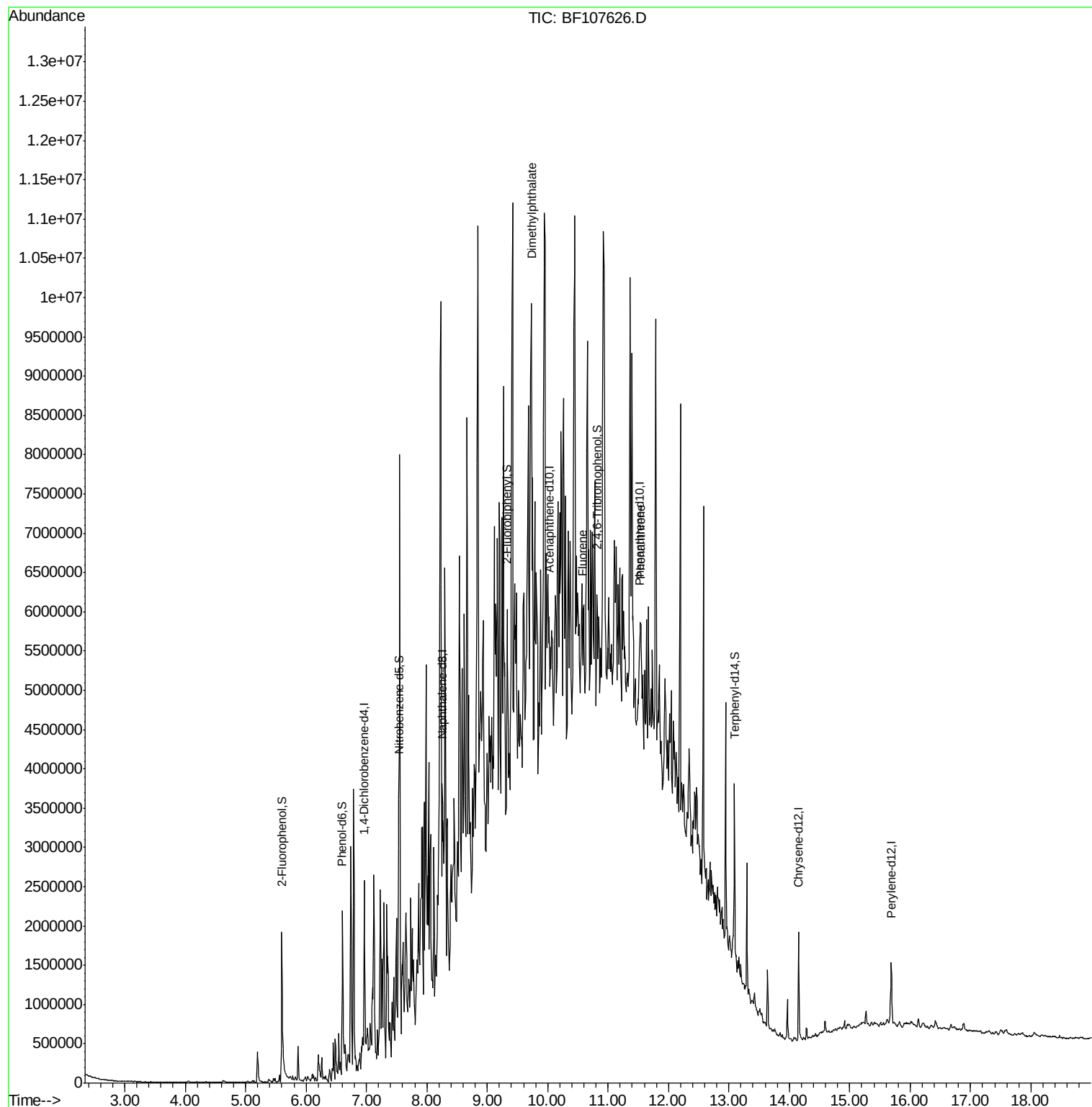
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	236782	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	838525	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	303770	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	517559	20.00	ng	0.00
75) Chrysene-d12	14.15	240	521901	20.00	ng	-0.01
86) Perylene-d12	15.69	264	439076	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	841027	57.11	ng	0.00
7) Phenol-d6	6.60	99	1046533	59.18	ng	-0.01
23) Nitrobenzene-d5	7.53	82	552556	44.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.82	330	198520	57.47	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1000498	49.86	ng	0.00
78) Terphenyl-d14	13.09	244	926201	45.43	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.72	163	99849	4.361	ng	# 56
57) Fluorene	10.58	166	67366	3.369	ng	# 67
70) Phenanthrene	11.54	178	157809	6.257	ng	# 88

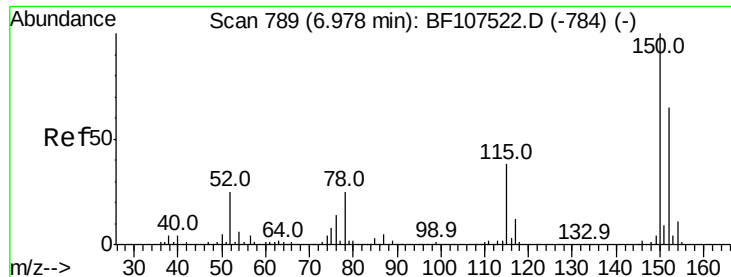
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107626.D
Acq On : 24 Jul 2018 18:31
Operator : JU/SJ
Sample : J4110-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GS-RO-338-RO-147-RO-278

Quant Time: Jul 25 03:46:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



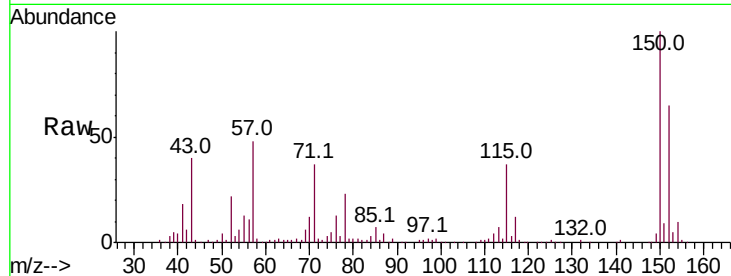


#1

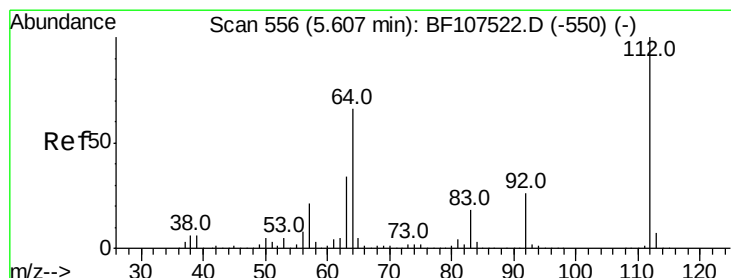
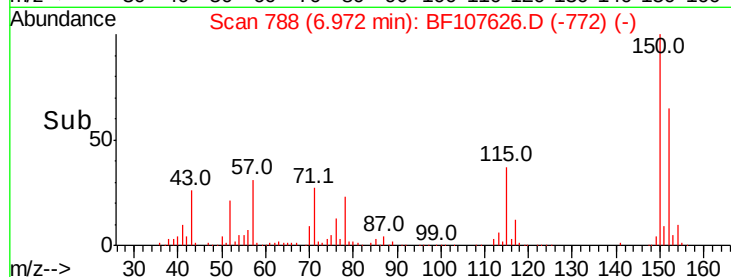
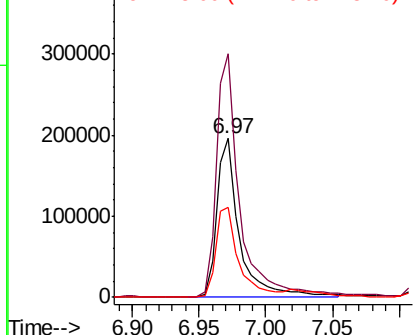
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107626.D
Acq: 24 Jul 2018 18:31

Instrument :
BNA_F
ClientSampleId :
GS-RO-338-RO-147-RO-278

Tot Ion:152 Resp: 236782
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 56.7 50.1 75.1



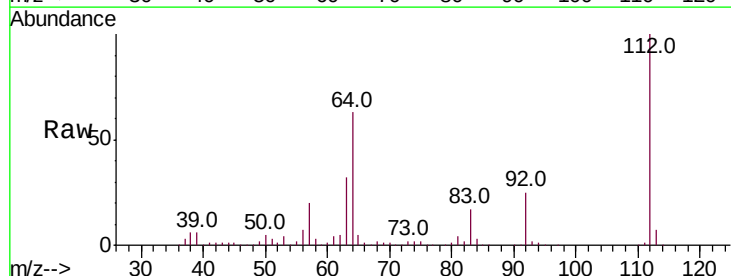
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



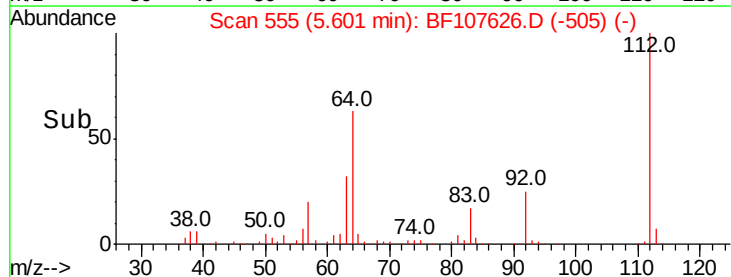
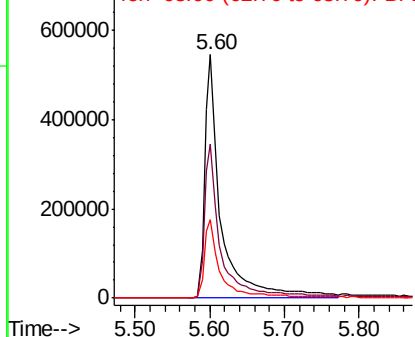
#5

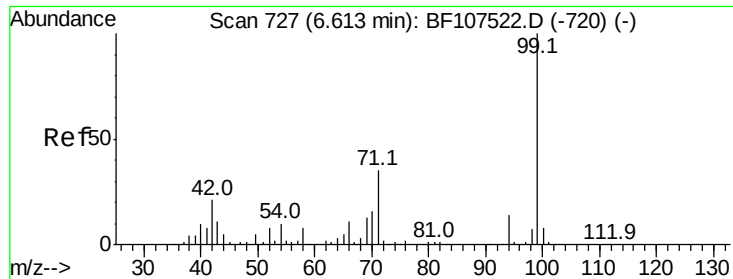
2-Fluorophenol
Concen: 57.108 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107626.D
Acq: 24 Jul 2018 18:31

Tgt Ion:112 Resp: 841027
Ion Ratio Lower Upper
112 100
64 63.2 47.9 71.9
63 32.2 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: 59.182 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107626.D

Acq: 24 Jul 2018 18:31

Instrument :

BNA_F

ClientSampleId :

GS-RO-338-RO-147-RO-278

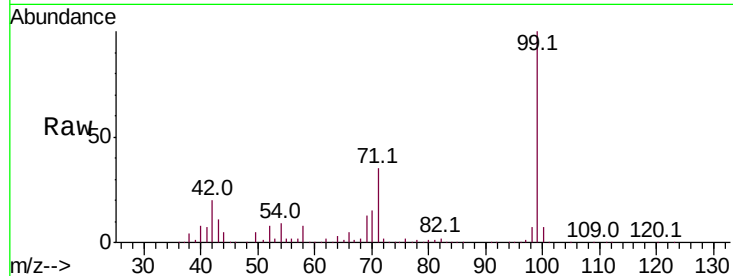
Tot Ion: 99 Resp: 1046533

Ion Ratio Lower Upper

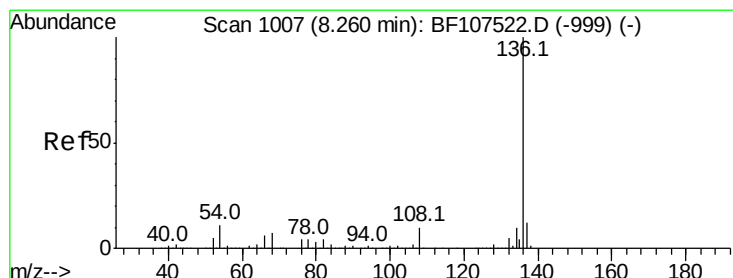
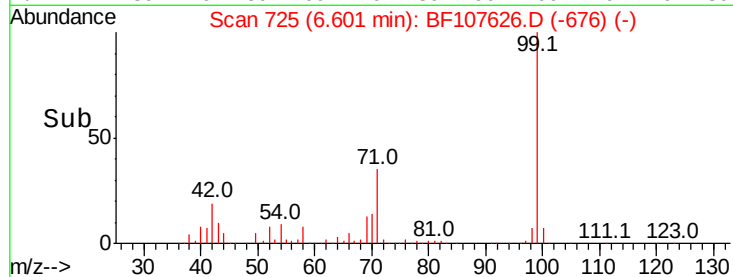
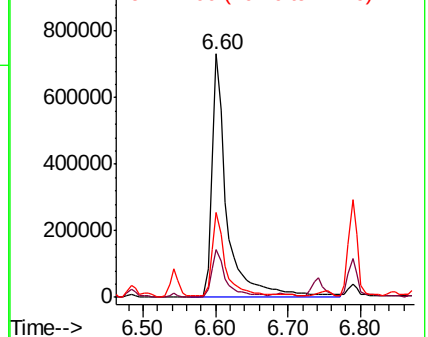
99 100

42 19.5 14.5 21.7

71 35.0 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: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107626.D

Acq: 24 Jul 2018 18:31

Tgt Ion: 136 Resp: 838525

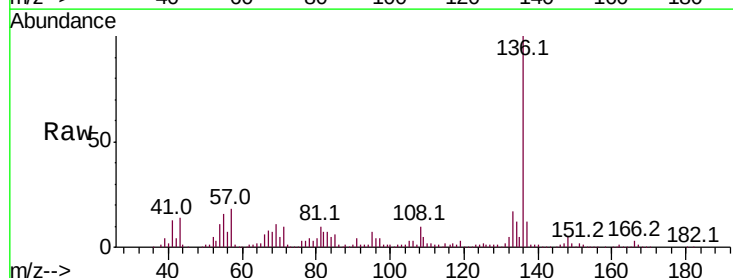
Ion Ratio Lower Upper

136 100

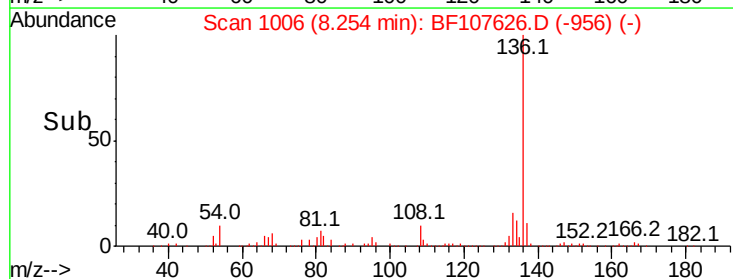
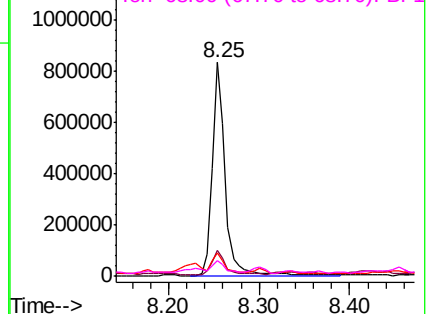
137 11.8 8.9 13.3

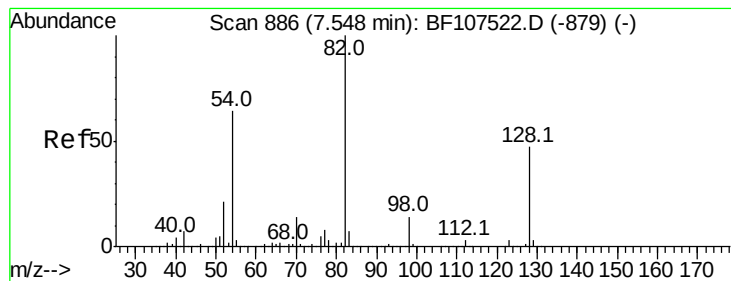
54 10.9 6.6 9.8#

68 7.5 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: 44.472 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF107626.D

Acq: 24 Jul 2018 18:31

Instrument :

BNA_F

ClientSampleId :

GS-RO-338-RO-147-RO-278

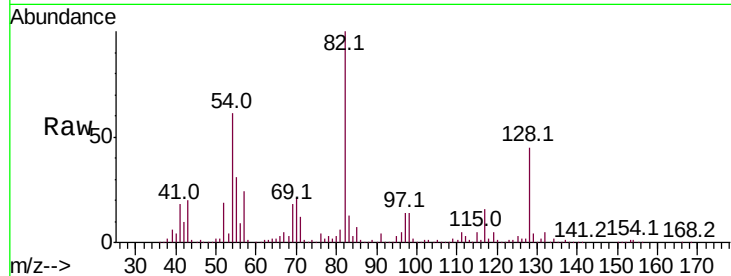
Tot Ion: 82 Resp: 552556

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

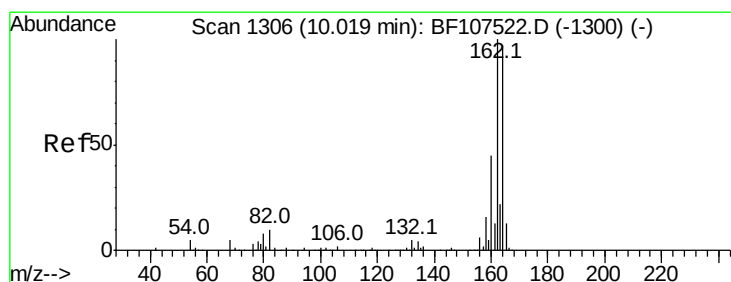
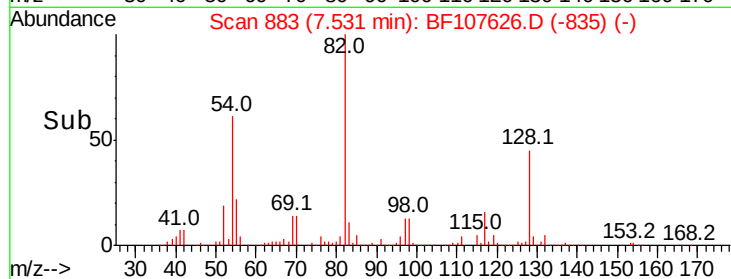
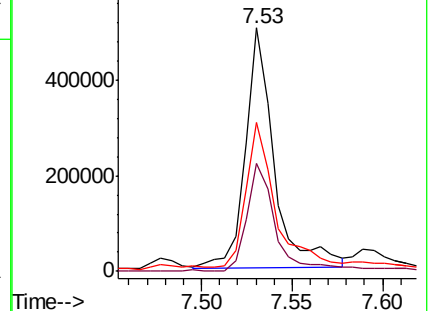
54 61.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF107626.D

Acq: 24 Jul 2018 18:31

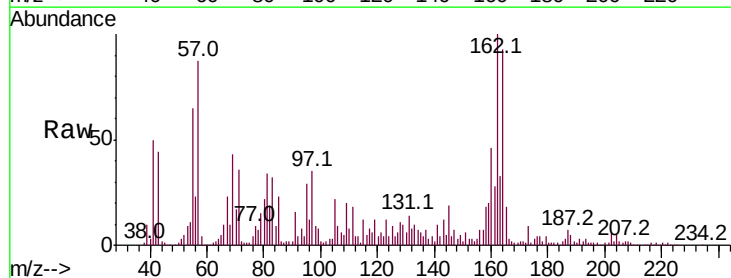
Tgt Ion:164 Resp: 303770

Ion Ratio Lower Upper

164 100

162 107.0 86.1 129.1

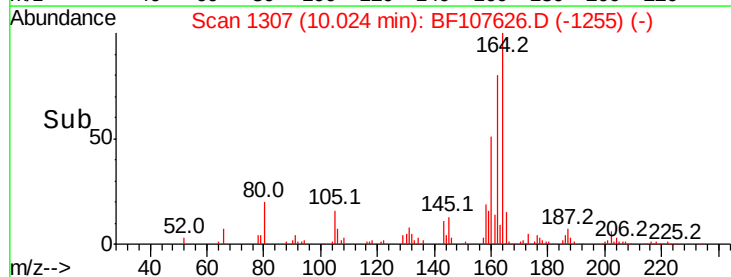
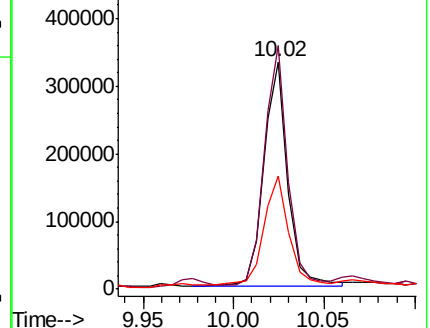
160 49.7 38.3 57.5

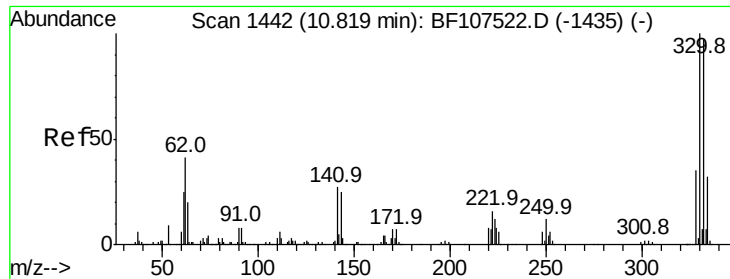


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

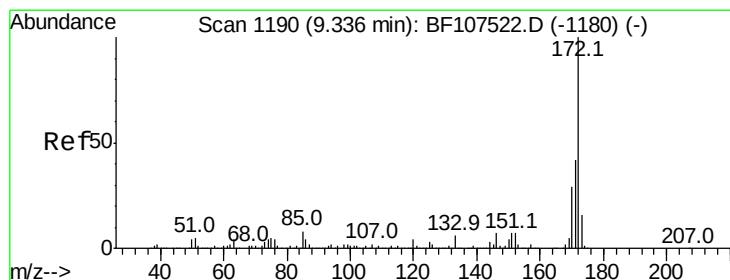
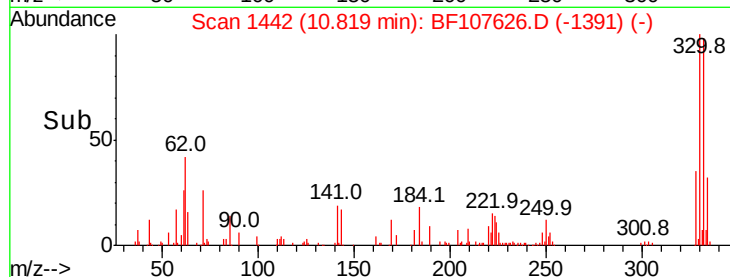
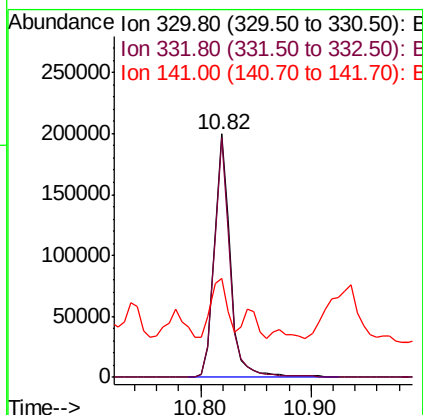
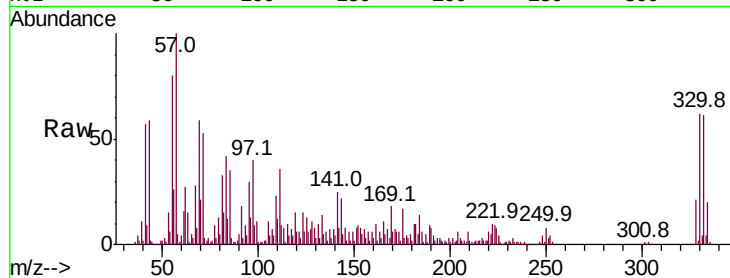




#41
 2,4,6-Tribromophenol
 Concen: 57.470 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF107626.D
 Acq: 24 Jul 2018 18:31

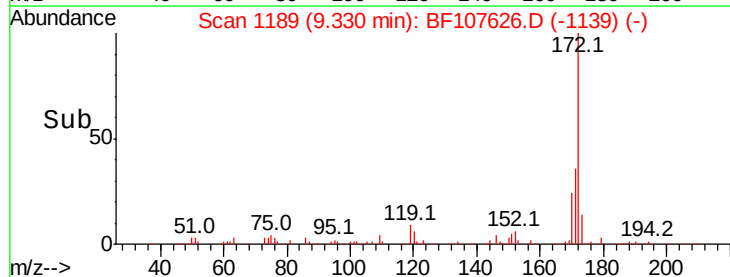
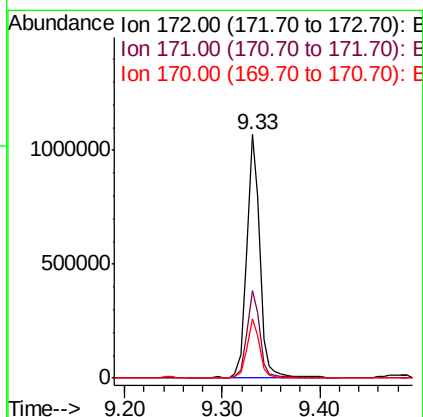
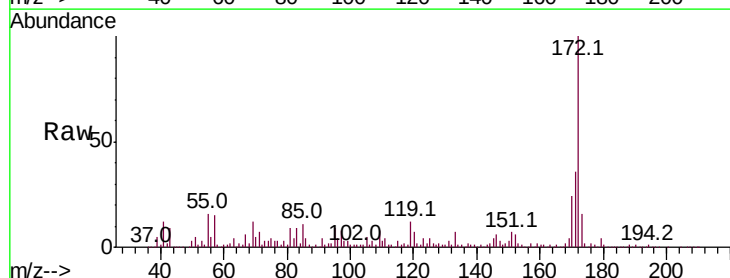
Instrument :
 BNA_F
 ClientSampleId :
 GS-RO-338-RO-147-RO-278

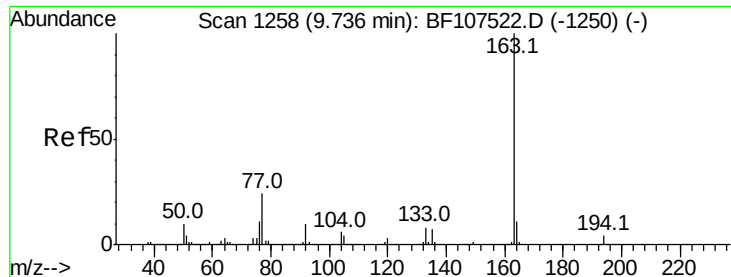
Tot Ion:330 Resp: 198520
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 23.6 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 49.862 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107626.D
 Acq: 24 Jul 2018 18:31

Tgt Ion:172 Resp: 1000498
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.3 19.6 29.4

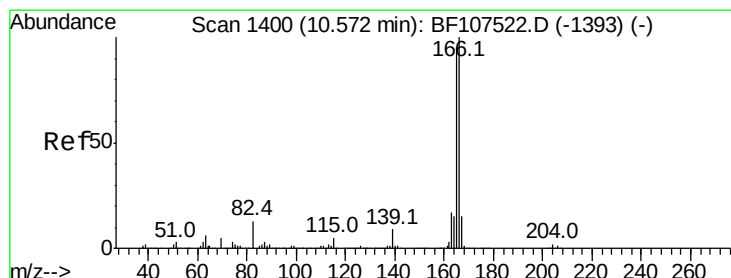
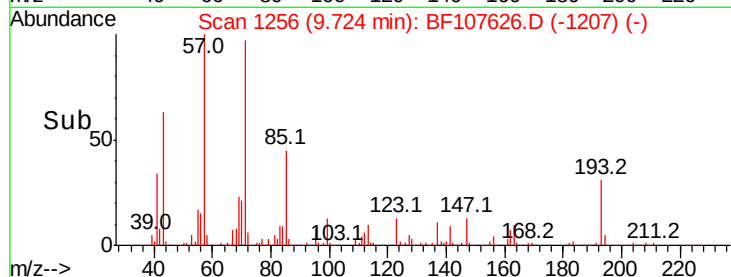
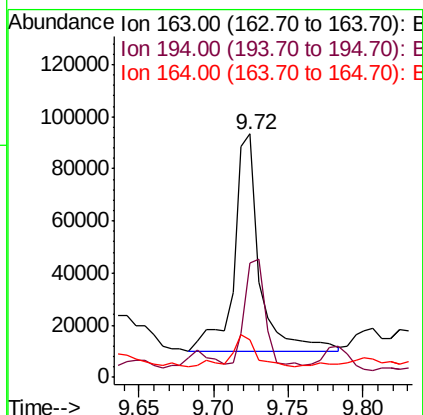
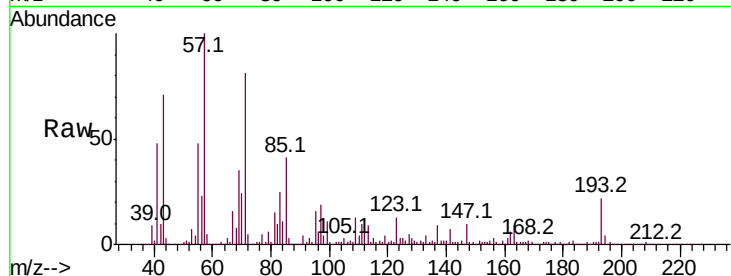




#49
Dimethylphthalate
Concen: 4.361 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107626.D
Acq: 24 Jul 2018 18:31

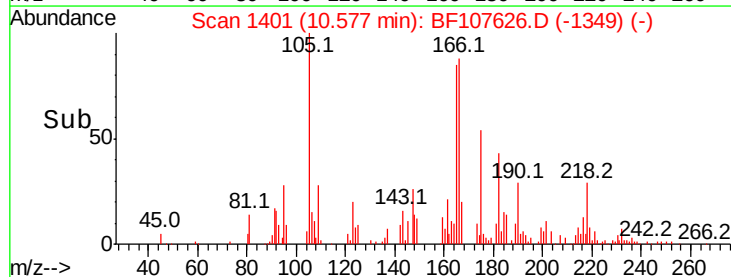
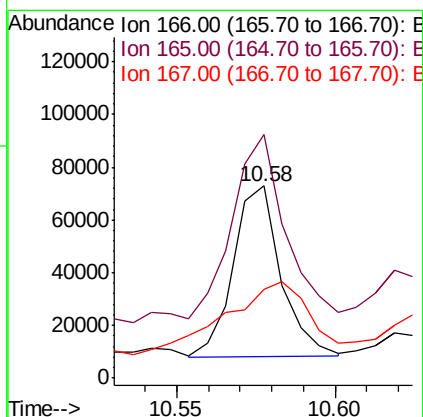
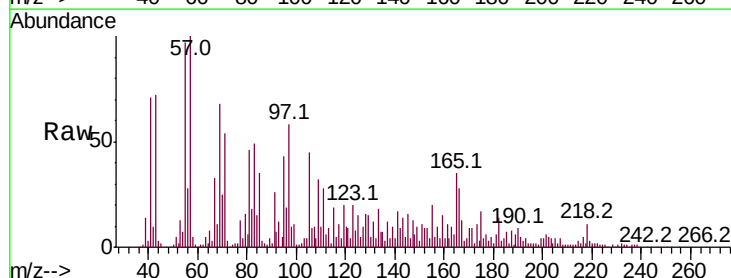
Instrument :
BNA_F
ClientSampleId :
GS-RO-338-RO-147-RO-278

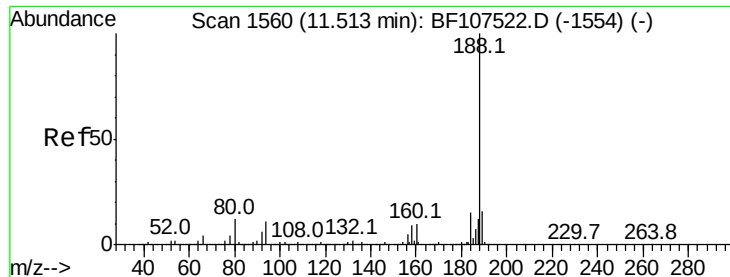
Tot Ion:163 Resp: 99849
Ion Ratio Lower Upper
163 100
194 46.9 2.7 4.1#
164 15.5 8.2 12.2#



#57
Fluorene
Concen: 3.369 ng
RT: 10.58 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF107626.D
Acq: 24 Jul 2018 18:31

Tgt Ion:166 Resp: 67366
Ion Ratio Lower Upper
166 100
165 126.8 79.8 119.8#
167 46.0 10.6 16.0#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BF107626.D

Acq: 24 Jul 2018 18:31

Instrument :

BNA_F

ClientSampleId :

GS-RO-338-RO-147-RO-278

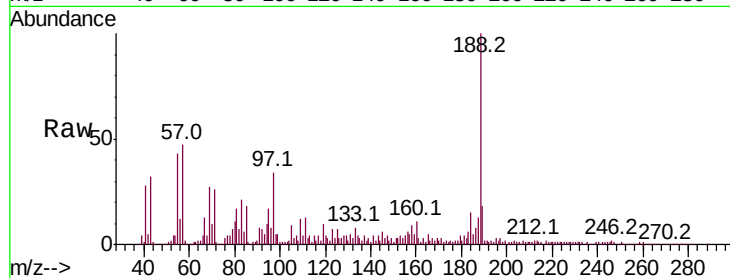
Tot Ion:188 Resp: 517559

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

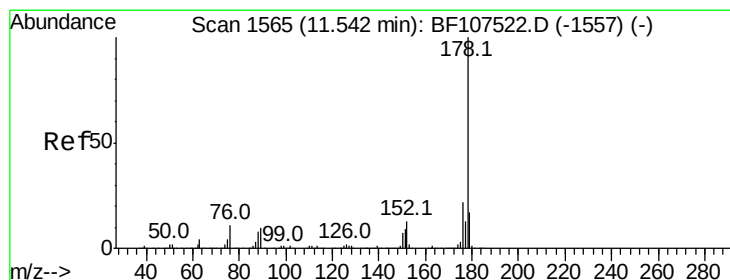
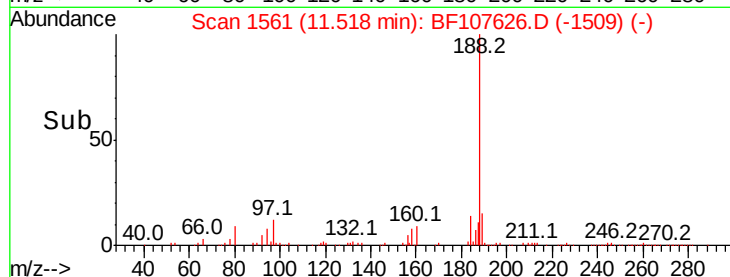
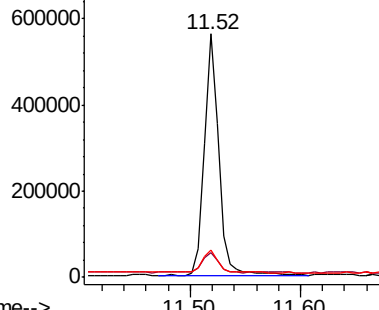
80 11.5 9.2 13.8



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



#70

Phenanthrene

Concen: 6.257 ng

RT: 11.54 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF107626.D

Acq: 24 Jul 2018 18:31

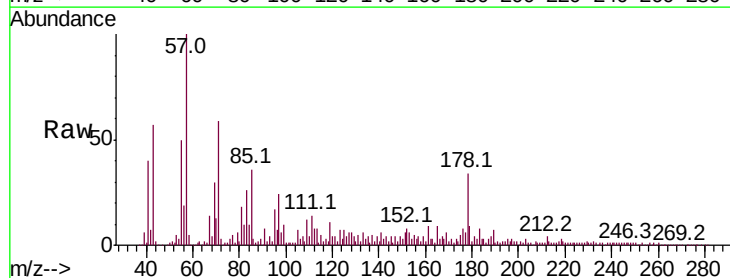
Tgt Ion:178 Resp: 157809

Ion Ratio Lower Upper

178 100

176 22.2 15.8 23.8

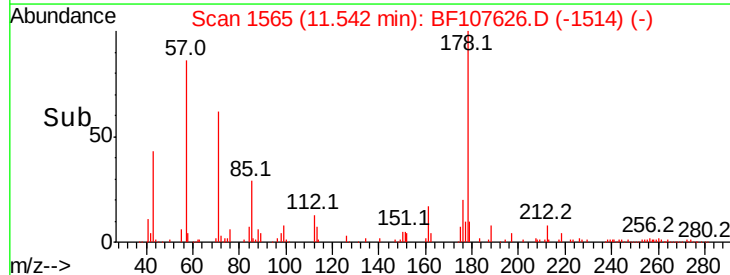
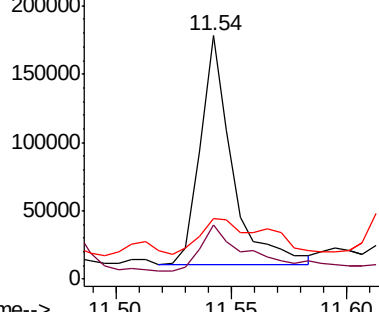
179 25.1 13.0 19.6#

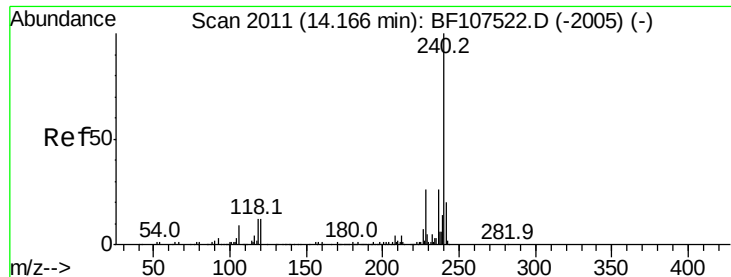


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107626.D

Acq: 24 Jul 2018 18:31

Instrument :

BNA_F

ClientSampleId :

GS-RO-338-RO-147-RO-278

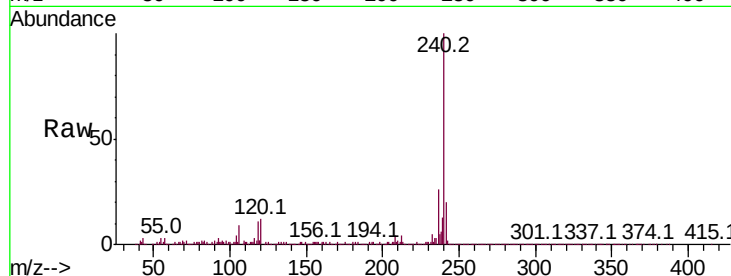
Tot Ion:240 Resp: 521901

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

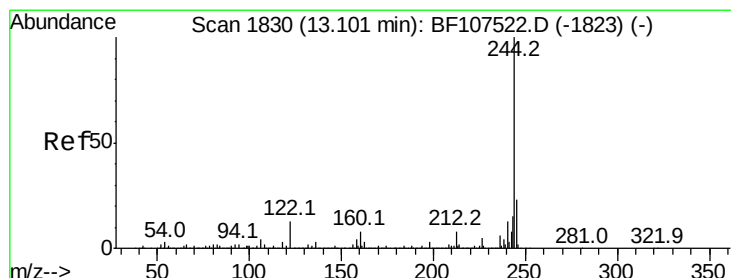
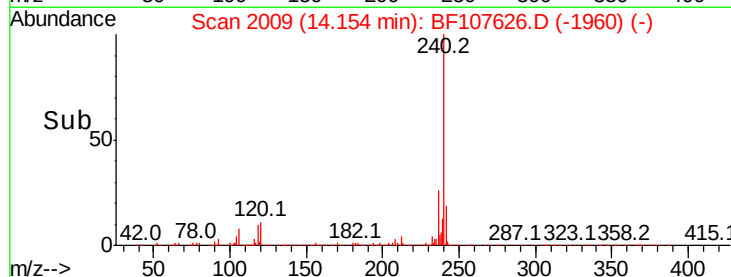
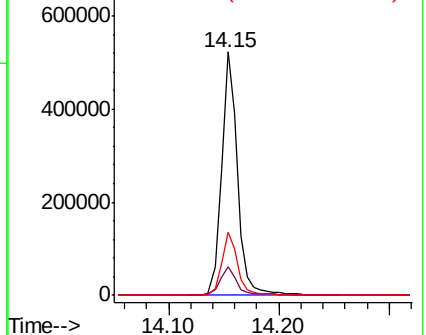
236 25.7 20.7 31.1



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: 45.433 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107626.D

Acq: 24 Jul 2018 18:31

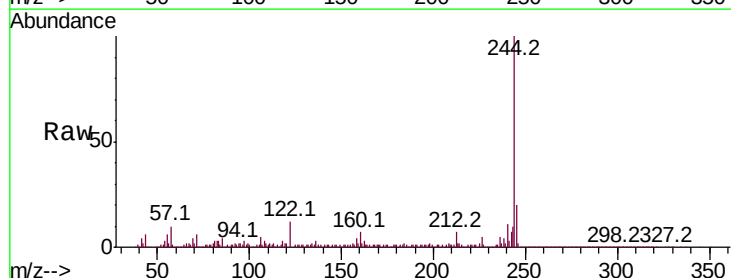
Tgt Ion:244 Resp: 926201

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

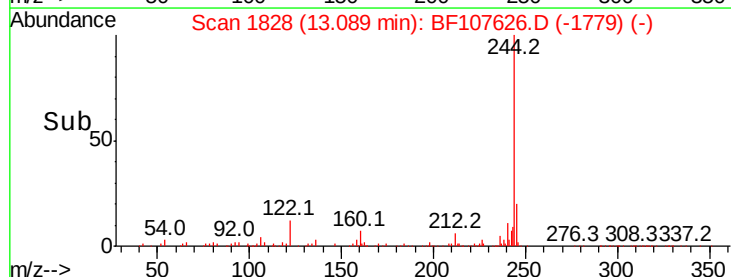
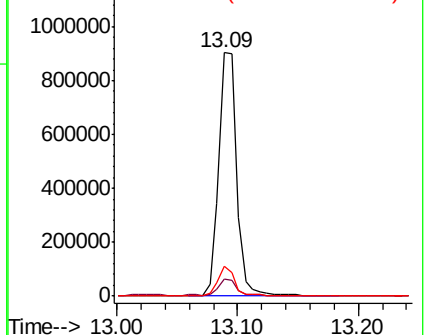
122 12.1 11.0 16.4

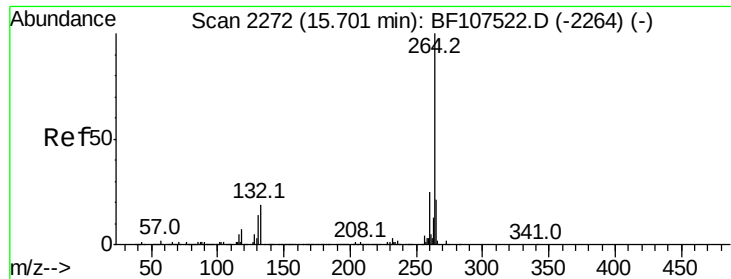


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2270
Delta R.T. -0.01 min
Lab File: BF107626.D
Acq: 24 Jul 2018 18:31

Instrument :
BNA_F
ClientSampleId :
GS-RO-338-RO-147-RO-278

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	17.5	26.3

