

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107703.D
 Acq On : 26 Jul 2018 16:50
 Operator : JU/SJ
 Sample : J4152-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LA-SOIL-1

Quant Time: Jul 27 10:18:09 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

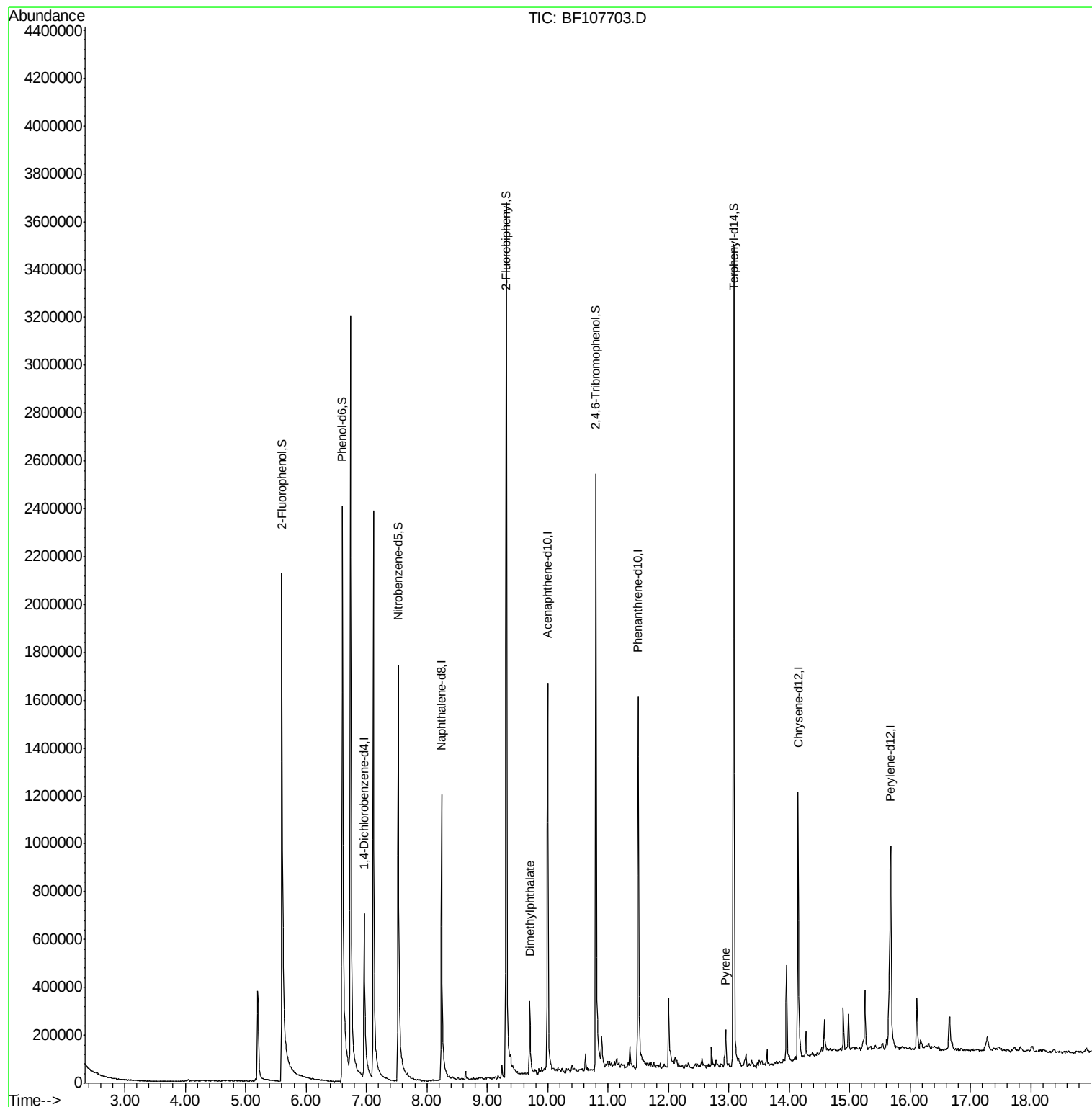
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	186602	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	801097	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	368568	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	778497	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	478645	20.00	ng	-0.02
86) Perylene-d12	15.68	264	505888	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1073059	92.46	ng	0.00
7) Phenol-d6	6.60	99	1402076	100.61	ng	-0.01
23) Nitrobenzene-d5	7.52	82	852705	71.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	460344	109.84	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1548842	68.05	ng	-0.02
78) Terphenyl-d14	13.08	244	1489886	79.69	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.71	163	145155	5.226	ng	99
77) Pyrene	12.95	202	80751	2.466	ng	96

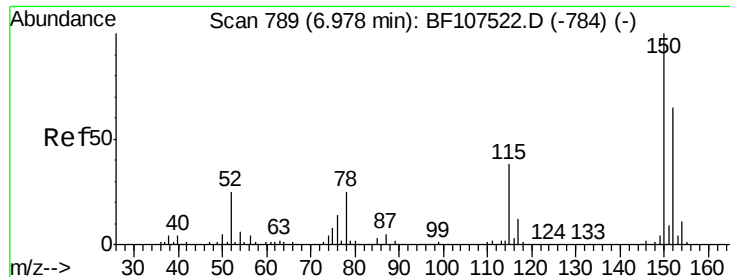
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107703.D
Acq On : 26 Jul 2018 16:50
Operator : JU/SJ
Sample : J4152-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LA-SOIL-1

Quant Time: Jul 27 10:18:09 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



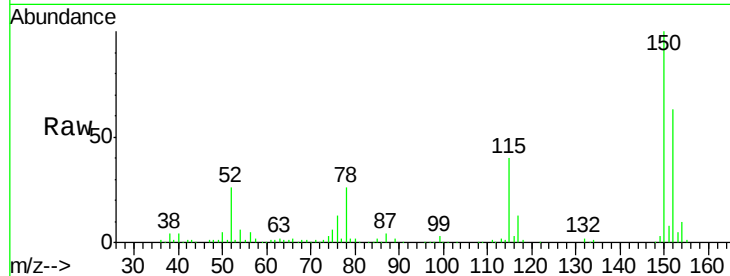


#1

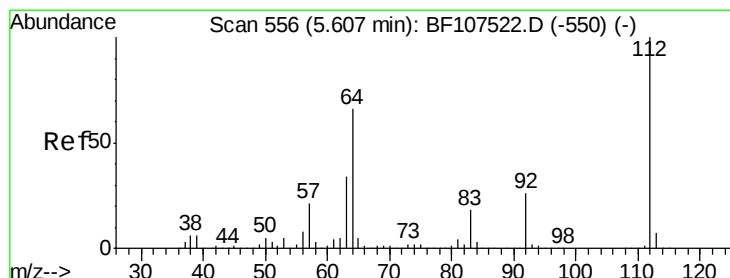
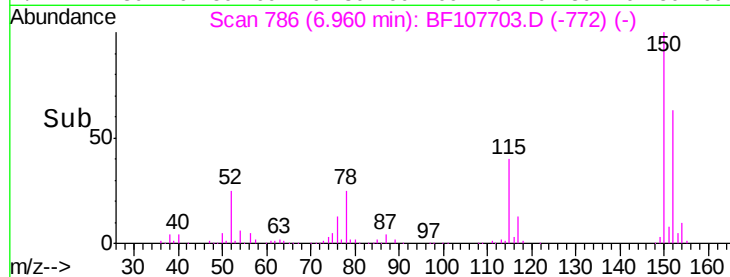
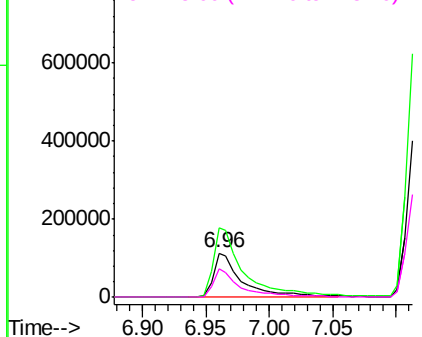
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107703.D
Acq: 26 Jul 2018 16:50

Instrument :
BNA_F
ClientSampleId :
LA-SOIL-1

Tgt Ion:152 Resp: 186602
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 63.4 50.1 75.1



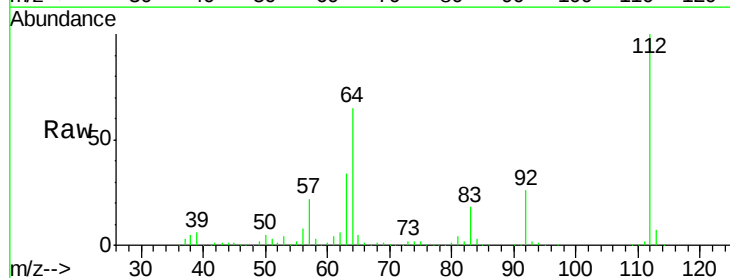
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



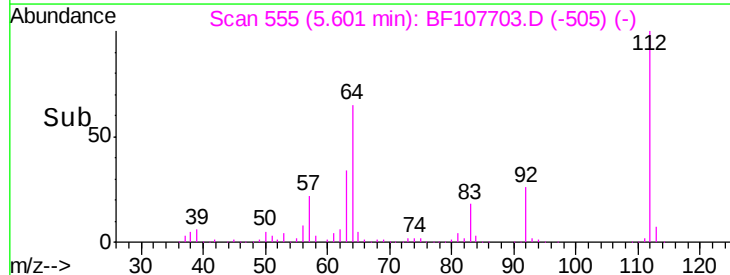
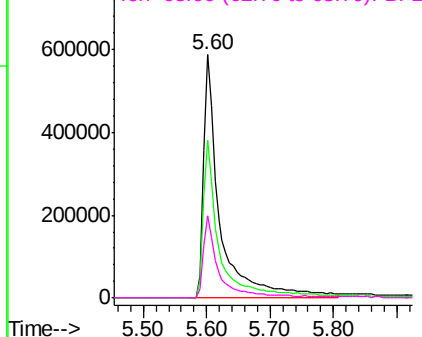
#5

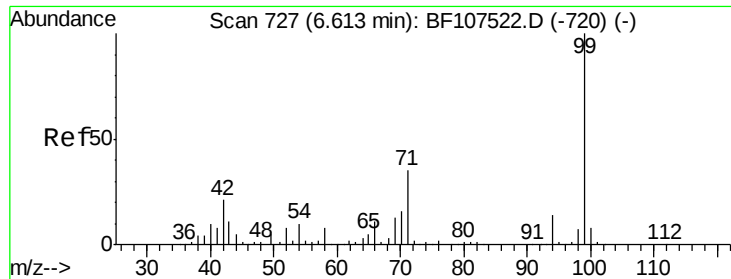
2-Fluorophenol
Concen: 92.457 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107703.D
Acq: 26 Jul 2018 16:50

Tgt Ion:112 Resp: 1073059
Ion Ratio Lower Upper
112 100
64 64.7 47.9 71.9
63 33.8 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: 100.610 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107703.D

Acq: 26 Jul 2018 16:50

Instrument :

BNA_F

ClientSampleId :

LA-SOIL-1

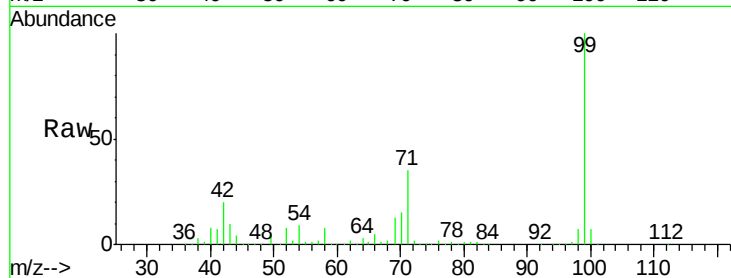
Tgt Ion: 99 Resp: 1402076

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

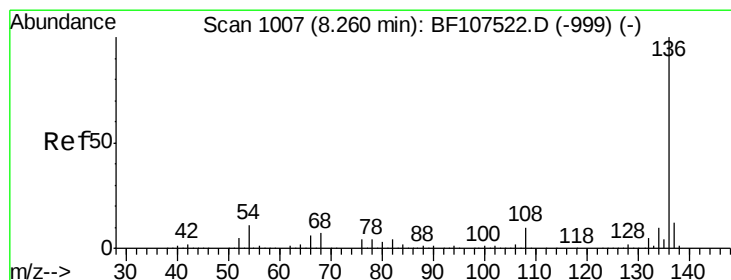
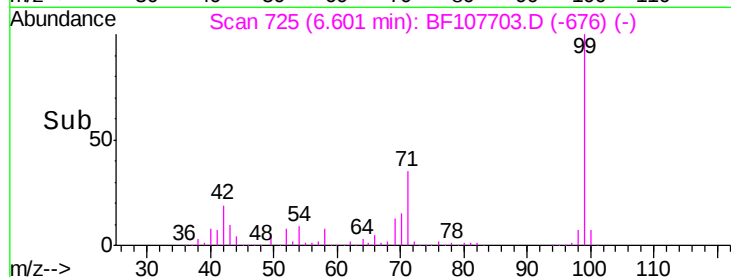
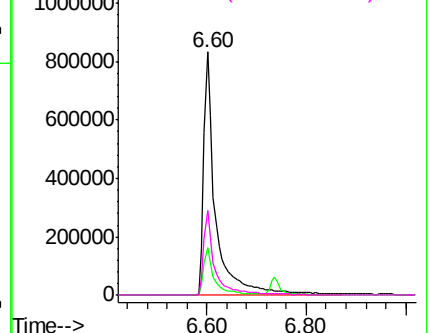
71 34.9 25.4 38.0



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# 1004

Delta R.T. -0.02 min

Lab File: BF107703.D

Acq: 26 Jul 2018 16:50

Tgt Ion: 136 Resp: 801097

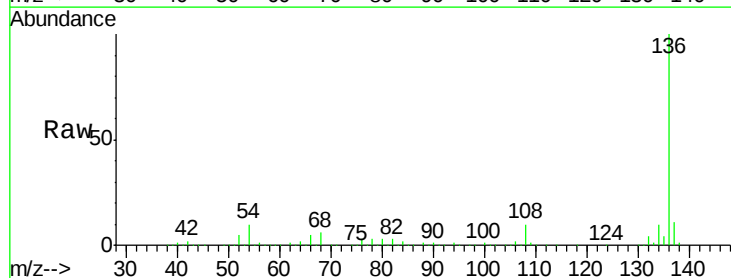
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.6 6.6 9.8

68 5.6 5.0 7.4

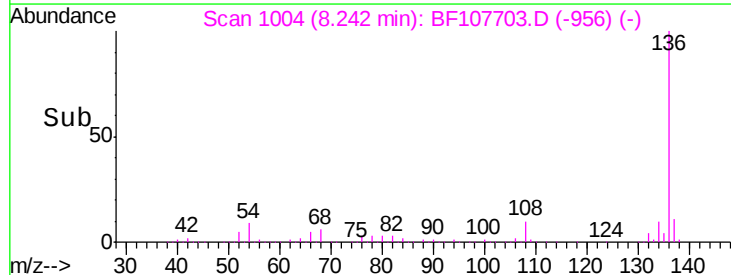
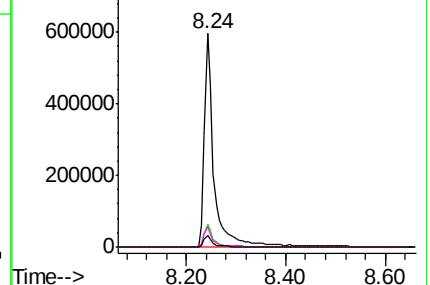


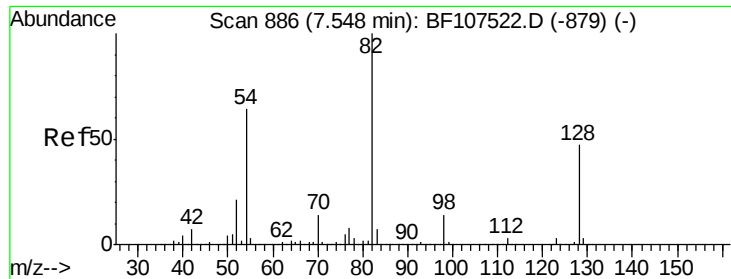
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

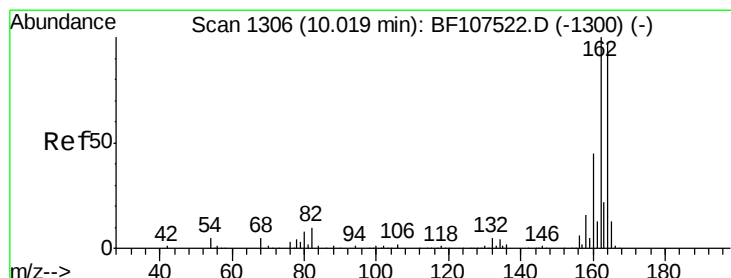
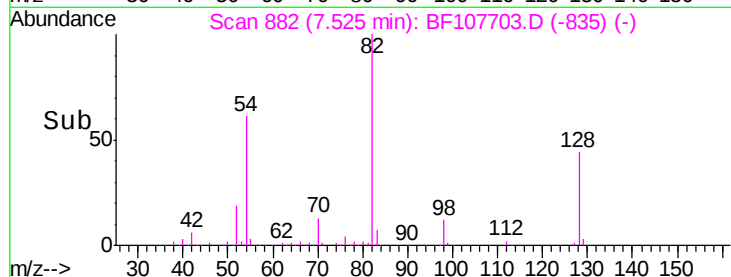
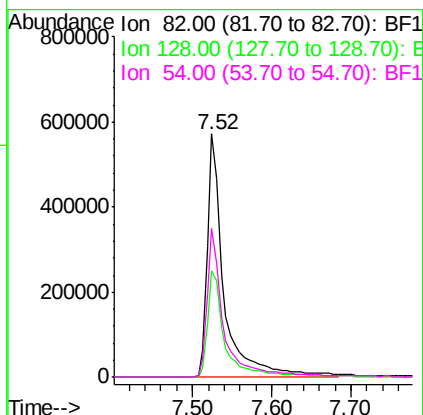
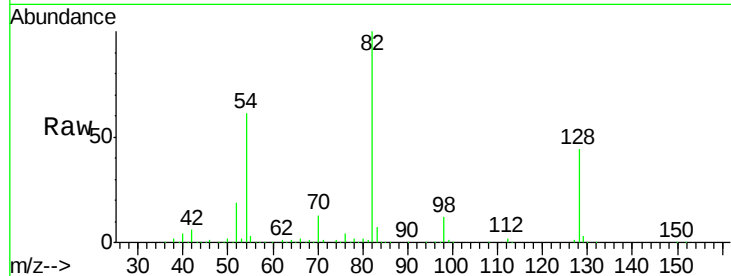




#23
 Nitrobenzene-d5
 Concen: 71.835 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF107703.D
 Acq: 26 Jul 2018 16:50

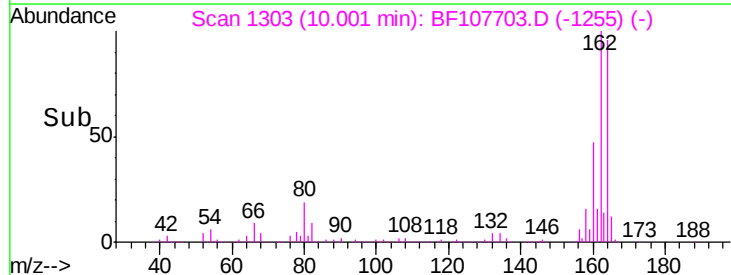
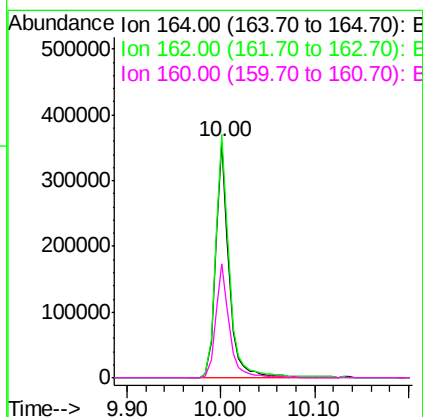
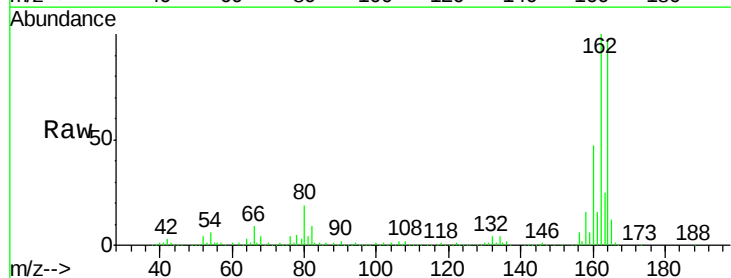
Instrument :
 BNA_F
 ClientSampleId :
 LA-SOIL-1

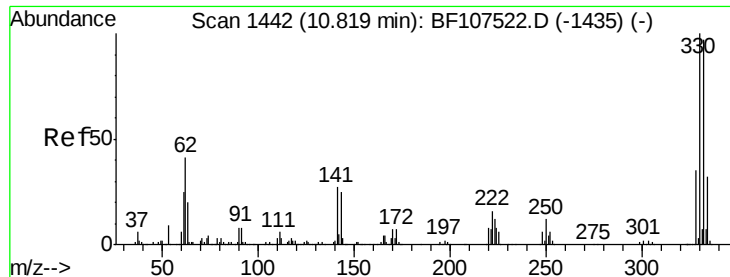
Tgt Ion: 82 Resp: 852705
 Ion Ratio Lower Upper
 82 100
 128 44.0 36.1 54.1
 54 61.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107703.D
 Acq: 26 Jul 2018 16:50

Tgt Ion: 164 Resp: 368568
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 48.6 38.3 57.5

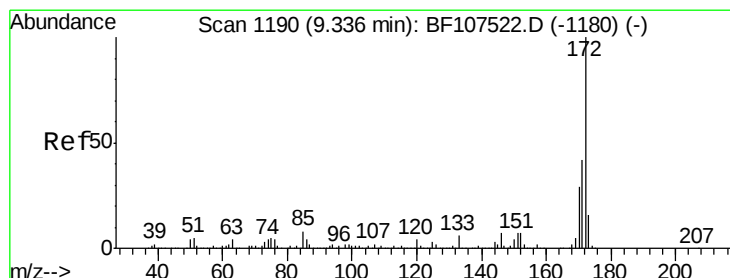
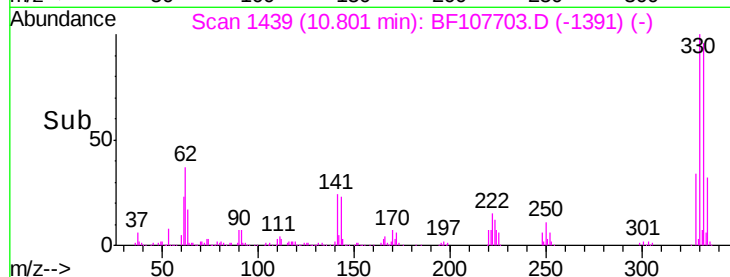
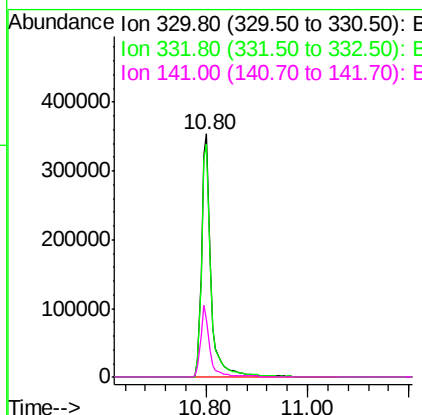
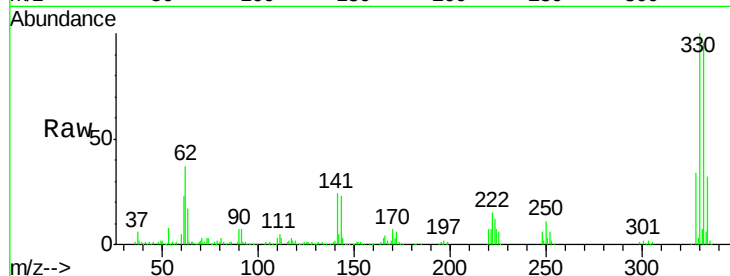




#41
 2,4,6-Tribromophenol
 Concen: 109.836 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107703.D
 Acq: 26 Jul 2018 16:50

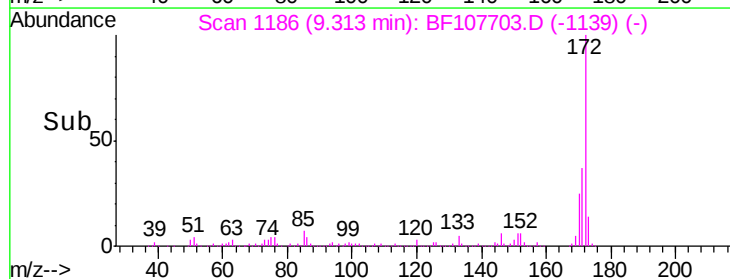
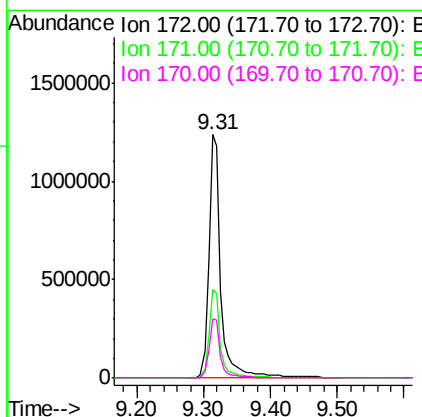
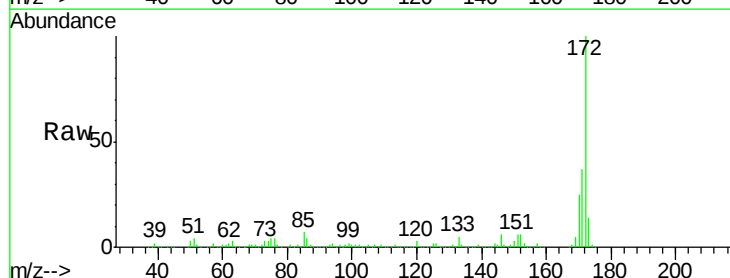
Instrument :
 BNA_F
 ClientSampleId :
 LA-SOIL-1

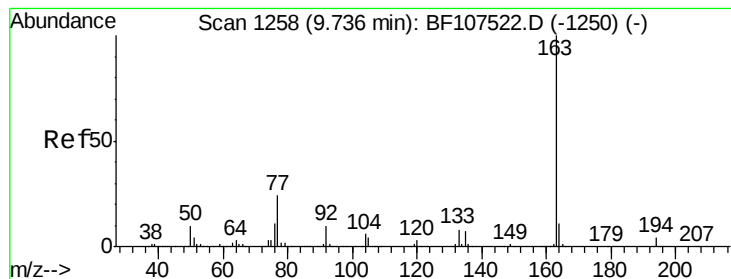
Tgt Ion:330 Resp: 460344
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 28.8 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 68.049 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107703.D
 Acq: 26 Jul 2018 16:50

Tgt Ion:172 Resp: 1548842
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.6 19.6 29.4





#49

Dimethylphthalate

Concen: 5.226 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BF107703.D

Acq: 26 Jul 2018 16:50

Instrument :

BNA_F

ClientSampleId :

LA-SOIL-1

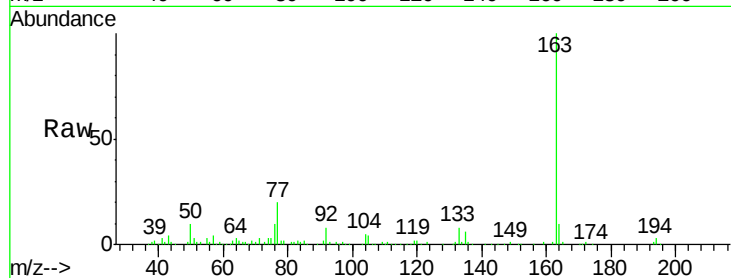
Tgt Ion:163 Resp: 145155

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

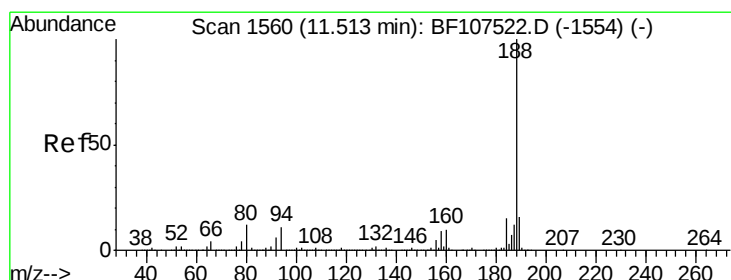
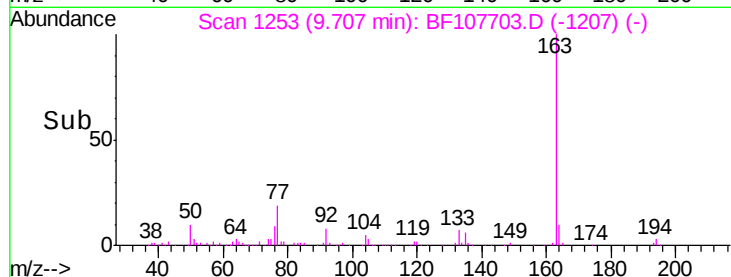
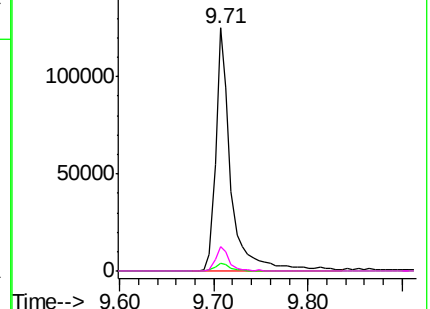
164 9.9 8.2 12.2



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: 11.49 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF107703.D

Acq: 26 Jul 2018 16:50

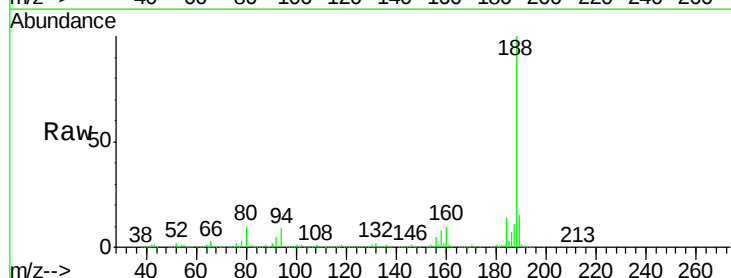
Tgt Ion:188 Resp: 778497

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

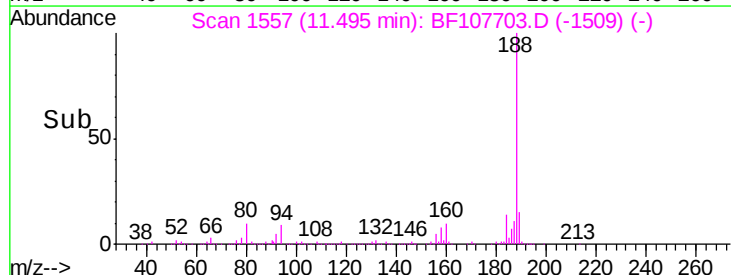
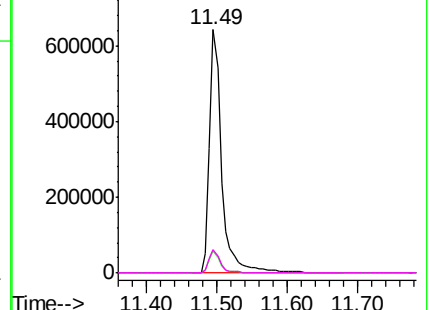
80 9.7 9.2 13.8

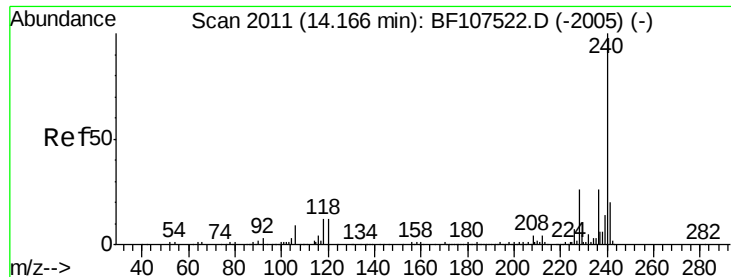


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF107703.D

Acq: 26 Jul 2018 16:50

Instrument :

BNA_F

ClientSampled :

LA-SOIL-1

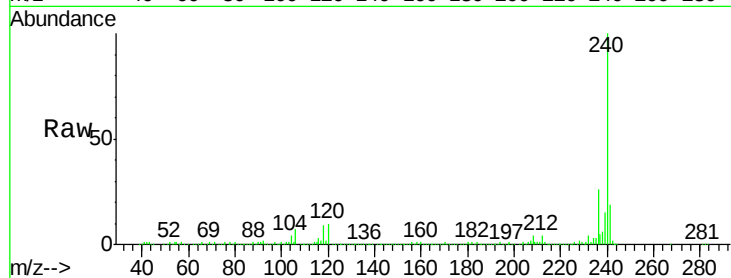
Tgt Ion:240 Resp: 478645

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3

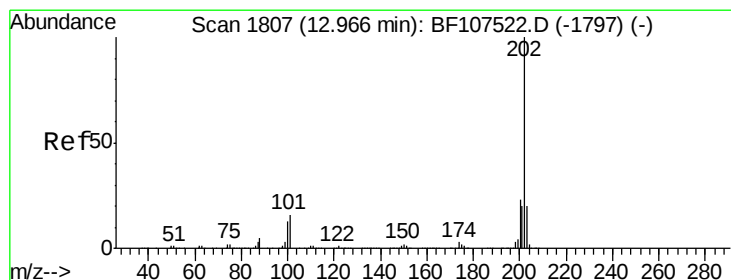
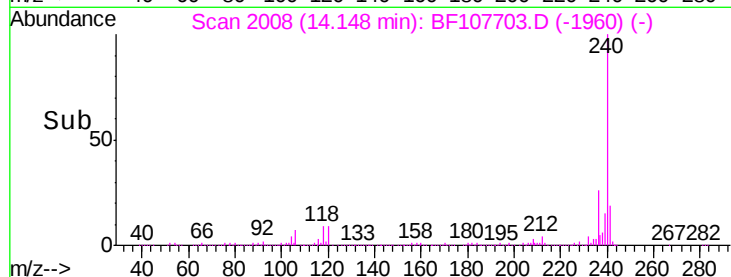
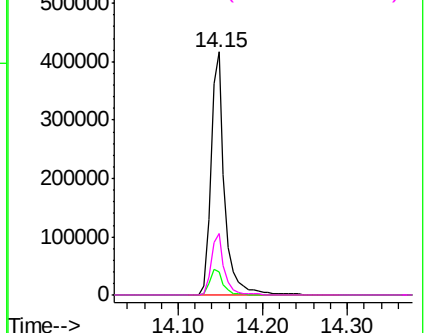
236 25.5 20.7 31.1



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



#77

Pyrene

Concen: 2.466 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.02 min

Lab File: BF107703.D

Acq: 26 Jul 2018 16:50

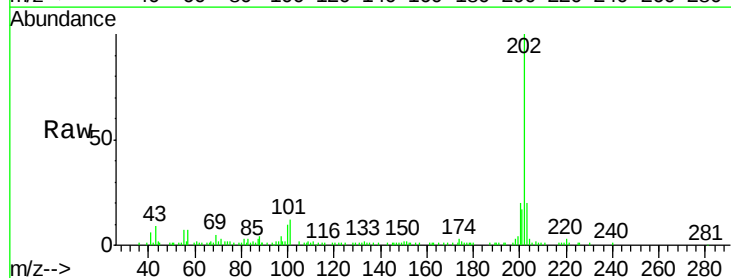
Tgt Ion:202 Resp: 80751

Ion Ratio Lower Upper

202 100

200 19.9 17.4 26.2

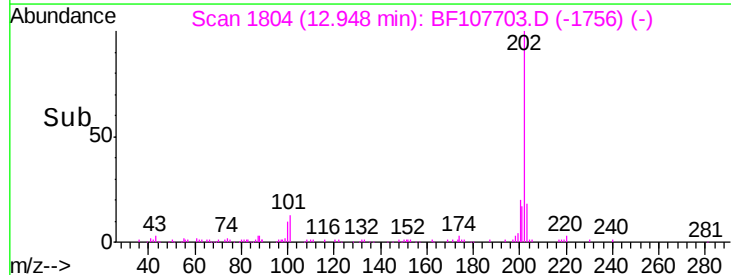
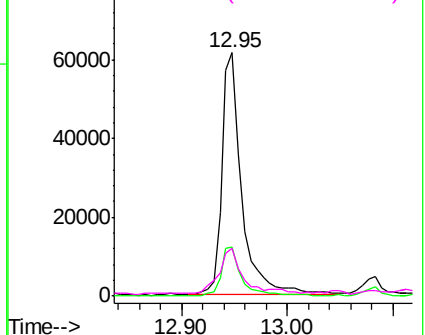
203 19.9 14.3 21.5

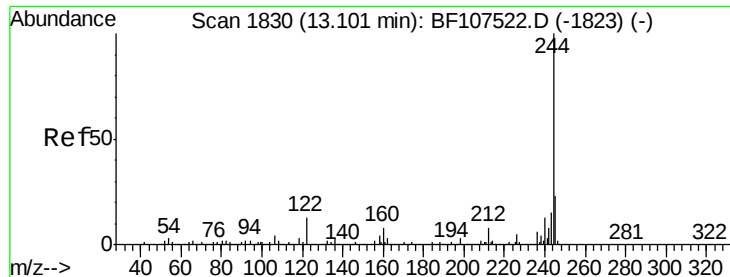


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 79.688 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF107703.D

Acq: 26 Jul 2018 16:50

Instrument :

BNA_F

ClientSampleId :

LA-SOIL-1

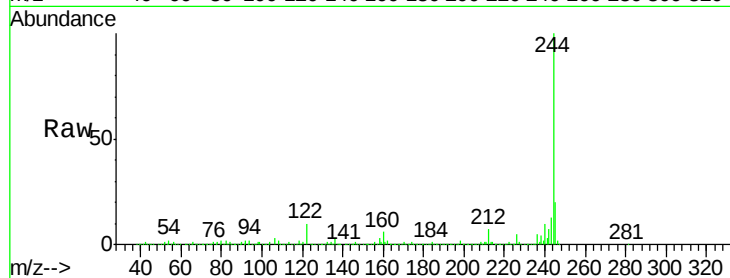
Tgt Ion:244 Resp: 1489886

Ion Ratio Lower Upper

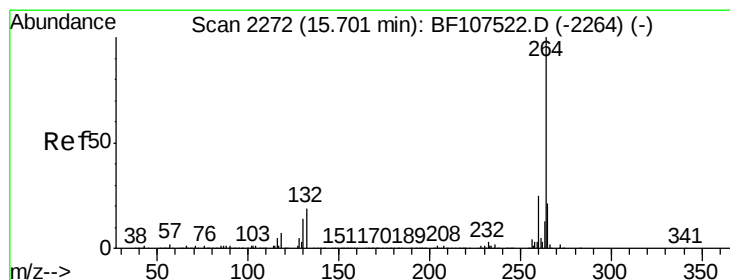
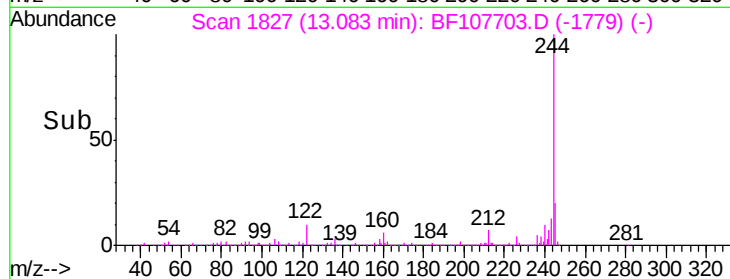
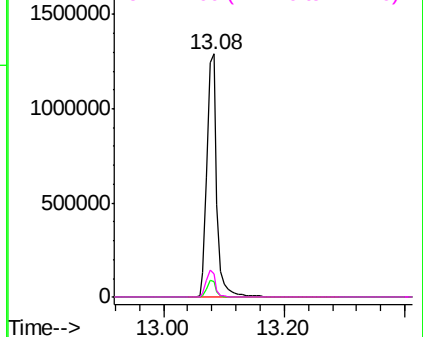
244 100

212 6.6 5.4 8.0

122 9.7 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

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF107703.D

Acq: 26 Jul 2018 16:50

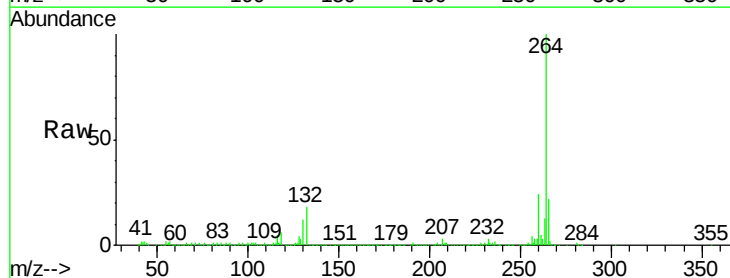
Tgt Ion:264 Resp: 505888

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.3 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

