

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107541.D
 Acq On : 20 Jul 2018 23:11
 Operator : JU/SJ
 Sample : J4057-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-1

Quant Time: Jul 21 02:28:06 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

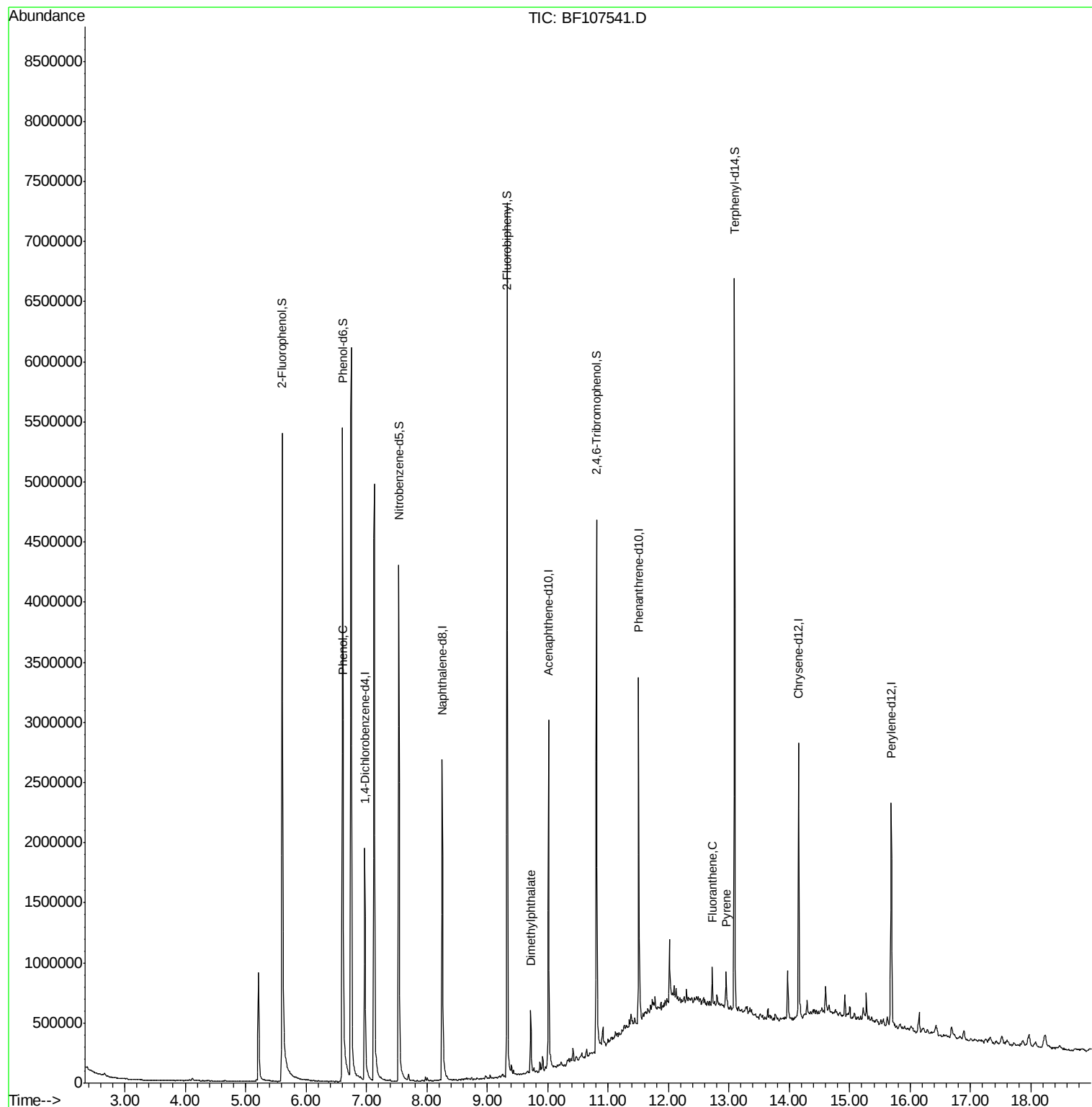
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	353206	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1358848	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	603941	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1110438	20.00	ng	0.00
75) Chrysene-d12	14.15	240	787783	20.00	ng	-0.01
86) Perylene-d12	15.69	264	891053	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	2070440	94.25	ng	0.00
7) Phenol-d6	6.61	99	2489103	94.36	ng	0.00
23) Nitrobenzene-d5	7.54	82	1527437	75.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	697662	101.59	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2422145	64.05	ng	0.00
78) Terphenyl-d14	13.09	244	2099736	68.24	ng	0.00
Target Compounds						
10) Phenol	6.62	94	105142	3.389	ng	# 75
49) Dimethylphthalate	9.72	163	197648	4.342	ng	# 98
74) Fluoranthene	12.72	202	126021	2.170	ng	97
77) Pyrene	12.95	202	127192	2.360	ng	97

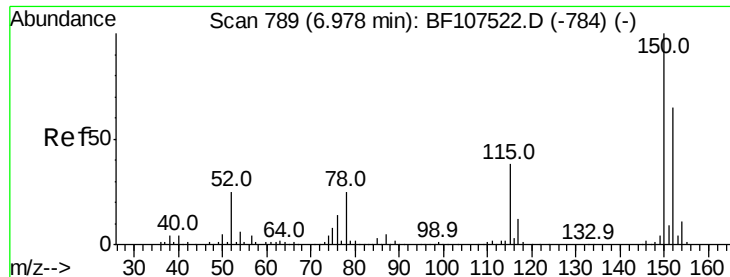
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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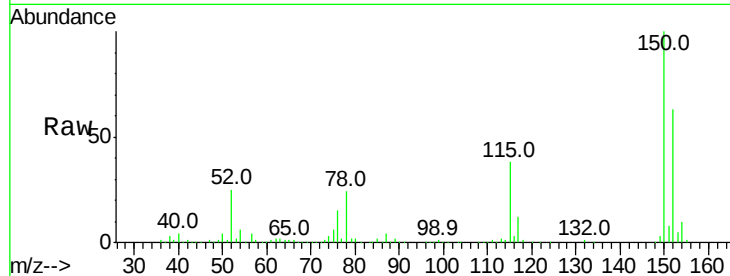


#1

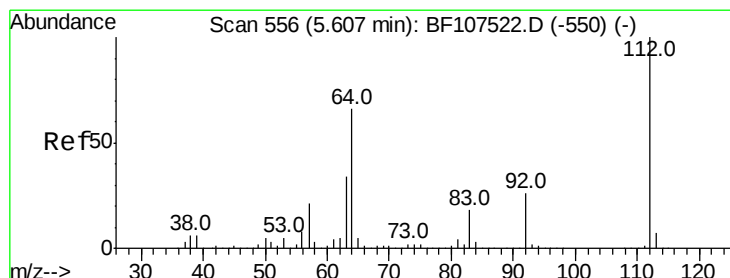
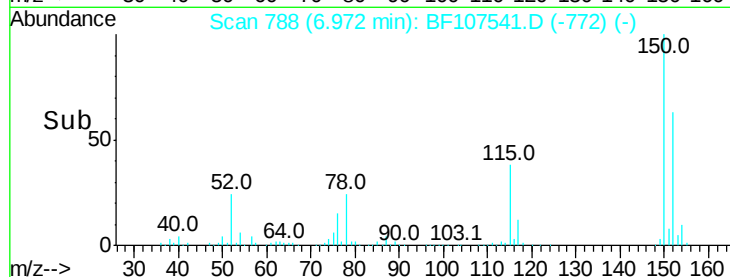
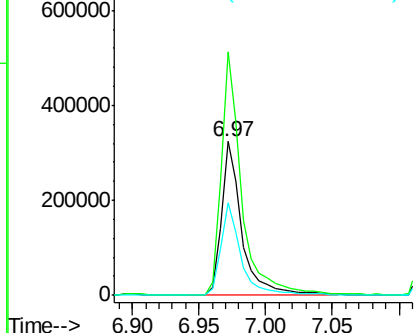
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107541.D
Acq: 20 Jul 2018 23:11

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

Tot Ion:152 Resp: 353206
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 60.1 50.1 75.1



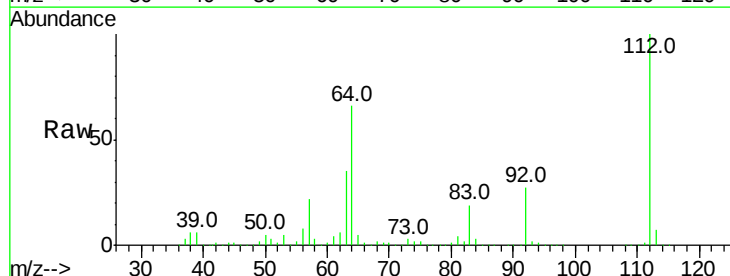
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



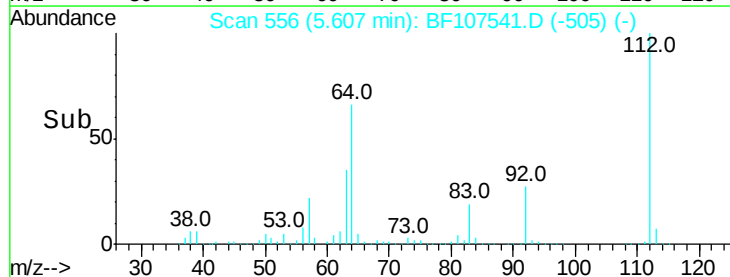
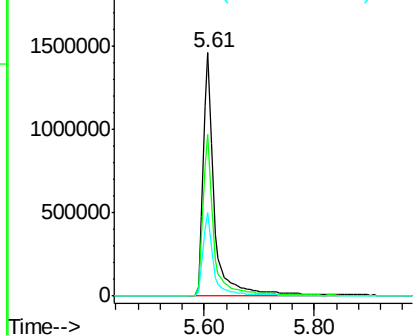
#5

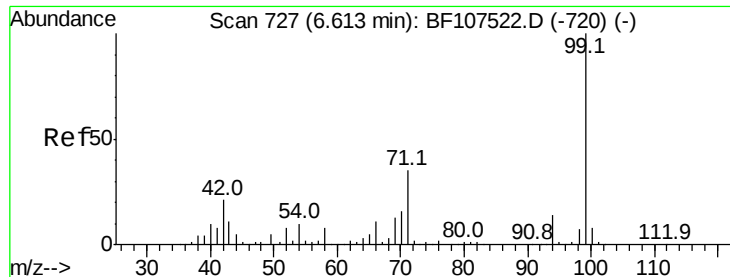
2-Fluorophenol
Concen: 94.247 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107541.D
Acq: 20 Jul 2018 23:11

Tgt Ion:112 Resp: 2070440
Ion Ratio Lower Upper
112 100
64 66.3 47.9 71.9
63 34.6 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: 94.363 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107541.D

Acq: 20 Jul 2018 23:11

Instrument :

BNA_F

ClientSampled :

LS-SOIL-1

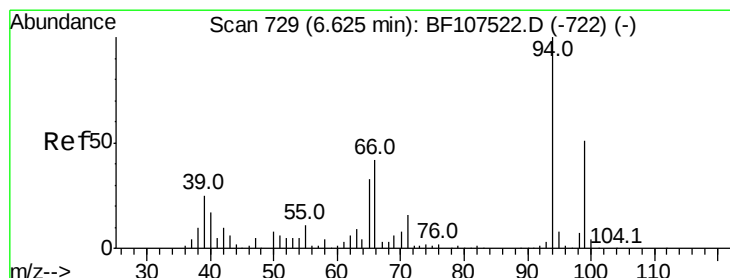
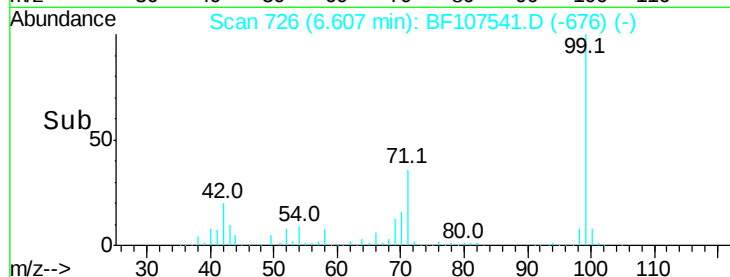
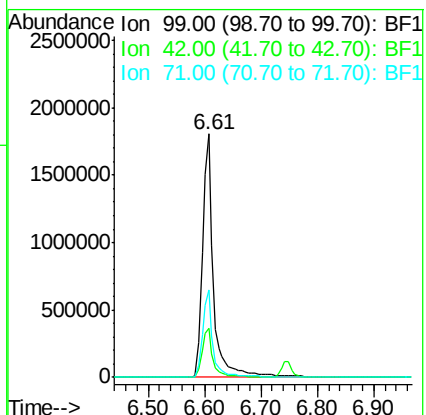
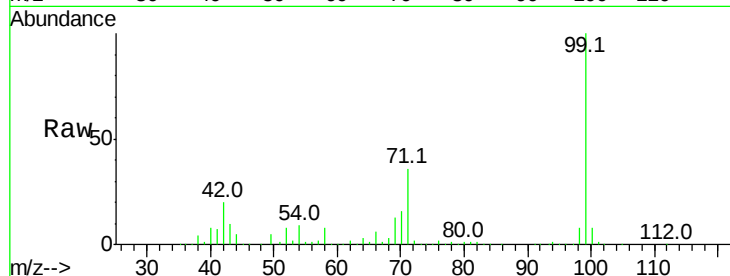
Tot Ion: 99 Resp: 2489103

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 35.7 25.4 38.0



#10

Phenol

Concen: 3.389 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107541.D

Acq: 20 Jul 2018 23:11

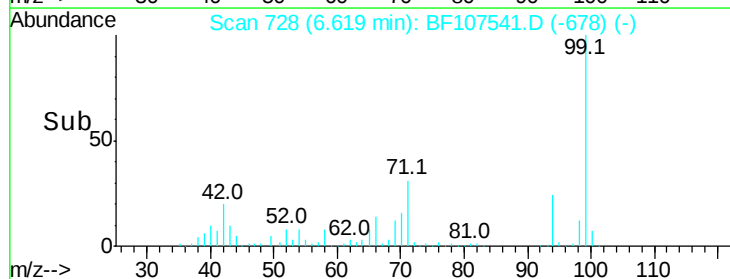
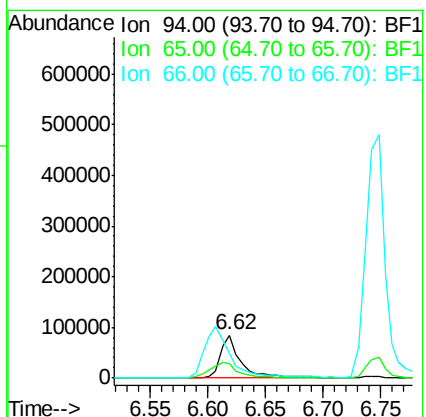
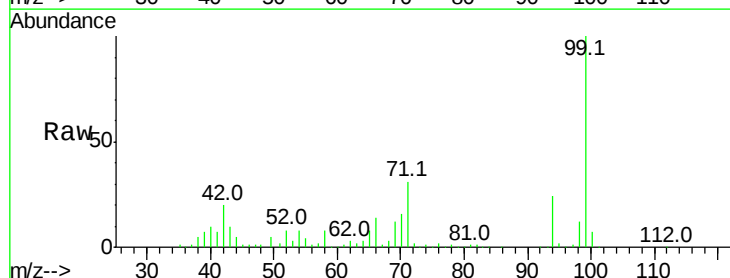
Tgt Ion: 94 Resp: 105142

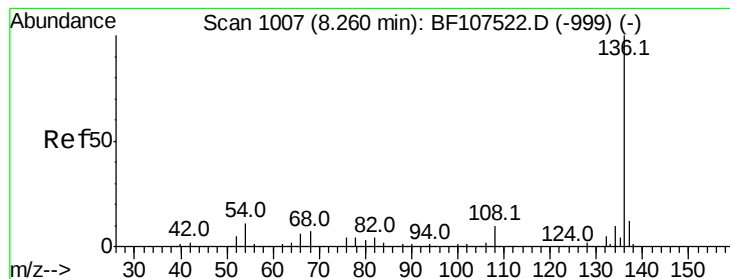
Ion Ratio Lower Upper

94 100

65 33.3 7.9 47.9

66 57.6 16.2 56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107541.D

Acq: 20 Jul 2018 23:11

Instrument :

BNA_F

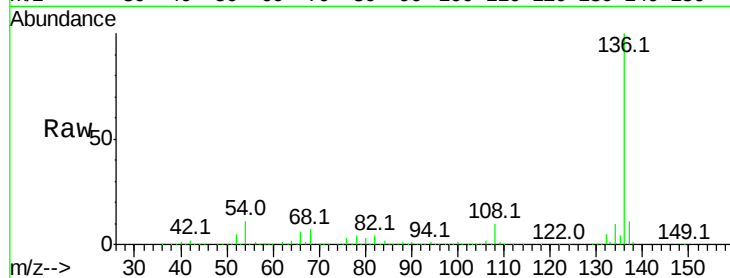
ClientSampleId :

LS-SOIL-1

Tot Ion:136 Resp: 1358848

Ion Ratio Lower Upper

136	100		
137	11.3	8.9	13.3
54	10.6	6.6	9.8#
68	6.5	5.0	7.4

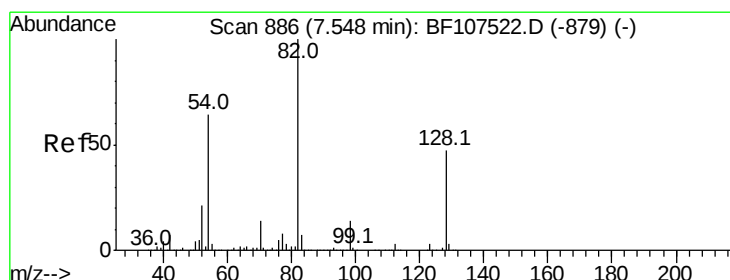
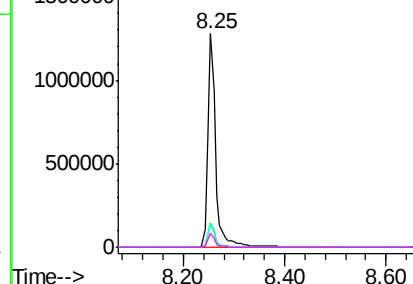
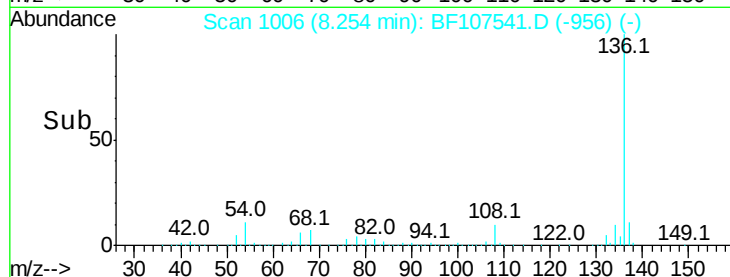


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.861 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

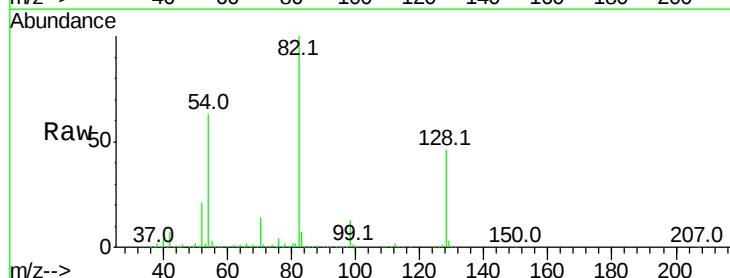
Lab File: BF107541.D

Acq: 20 Jul 2018 23:11

Tgt Ion: 82 Resp: 1527437

Ion Ratio Lower Upper

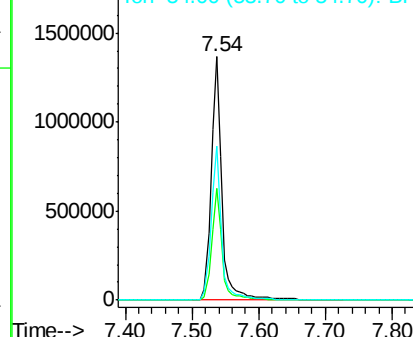
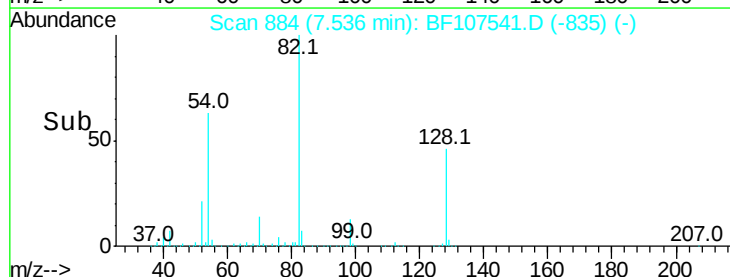
82	100		
128	45.9	36.1	54.1
54	63.5	41.4	62.2#

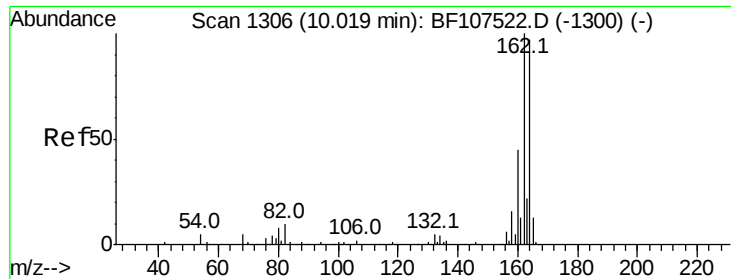


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF107541.D

Acq: 20 Jul 2018 23:11

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-1

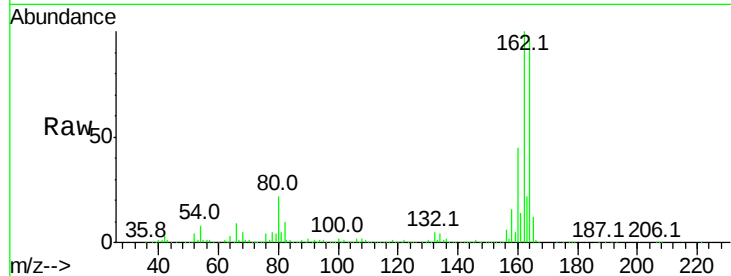
Tot Ion:164 Resp: 603941

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

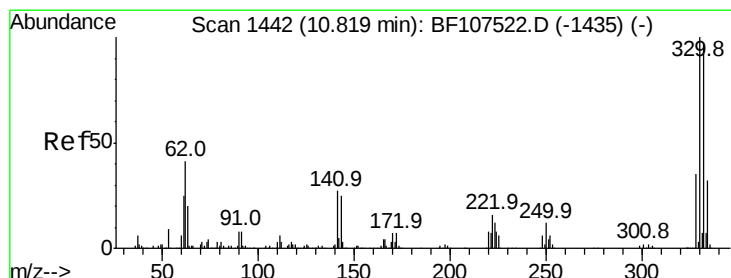
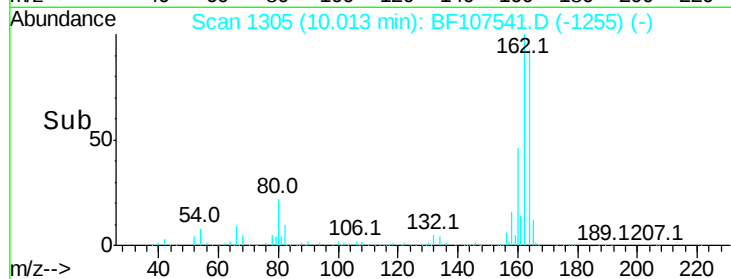
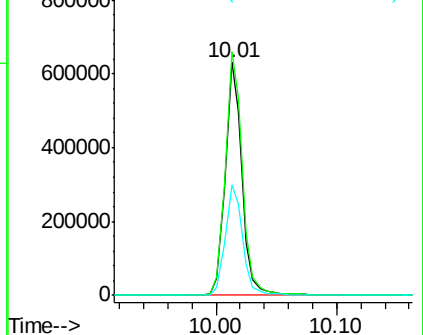
160 47.5 38.3 57.5



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: 101.585 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF107541.D

Acq: 20 Jul 2018 23:11

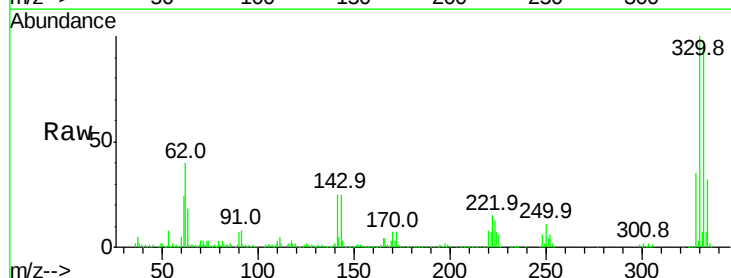
Tgt Ion:330 Resp: 697662

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

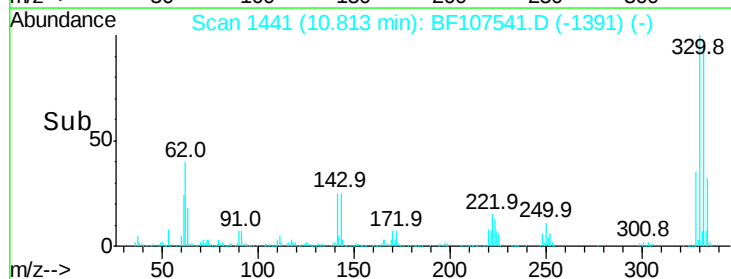
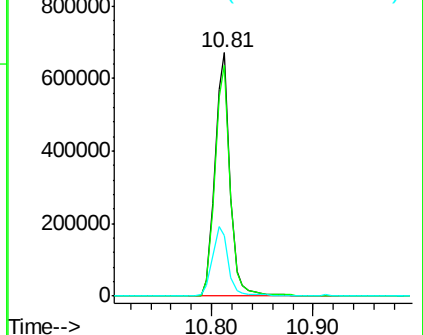
141 30.2 29.9 44.9

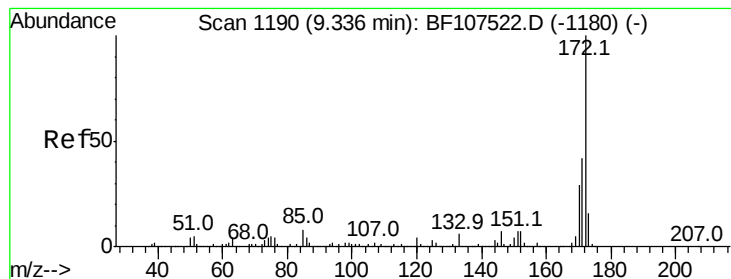


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

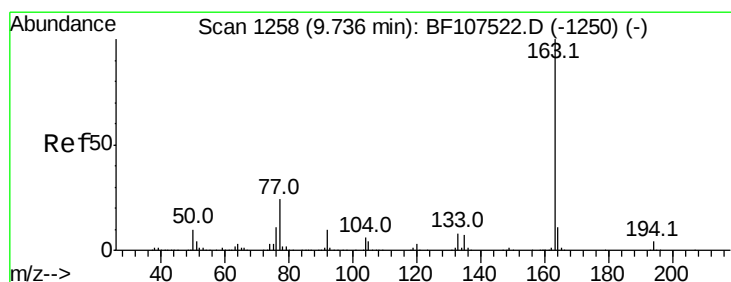
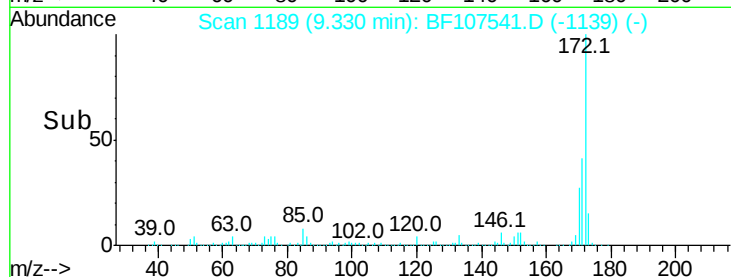
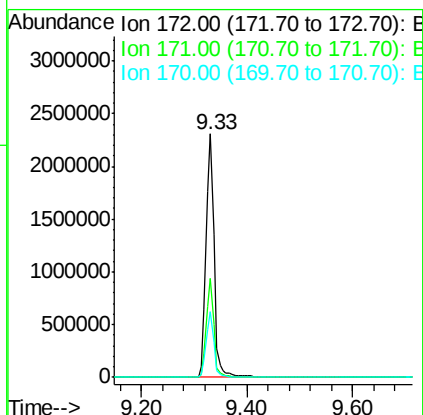
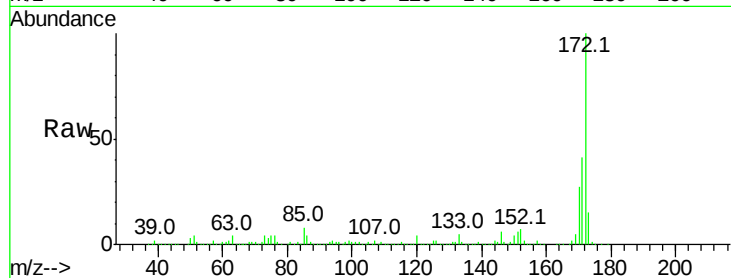




#44
2-Fluorobiphenyl
Concen: 64.047 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107541.D
Acq: 20 Jul 2018 23:11

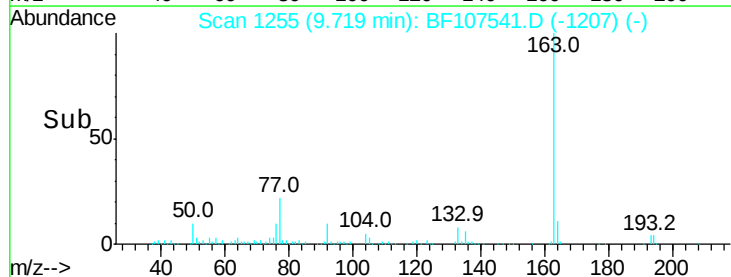
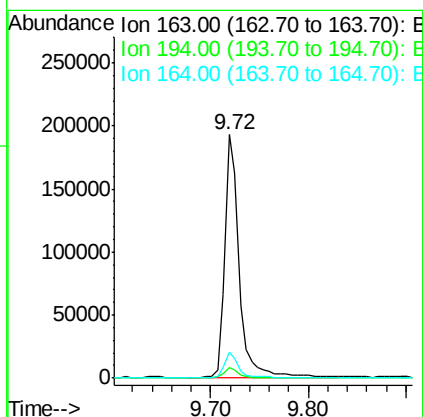
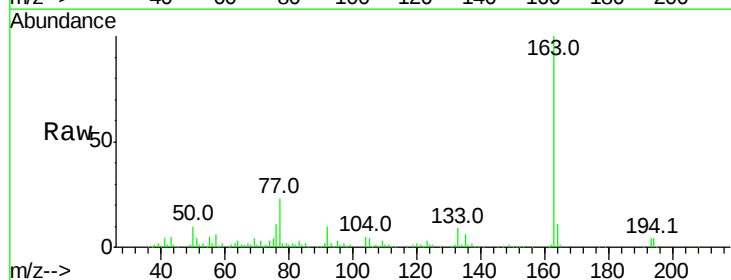
Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

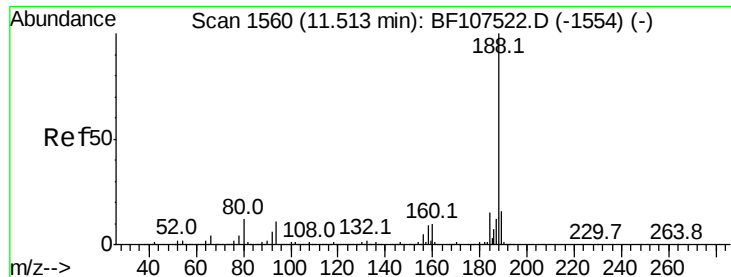
Tot Ion:172 Resp: 2422145
Ion Ratio Lower Upper
172 100
171 40.8 29.7 44.5
170 26.9 19.6 29.4



#49
Dimethylphthalate
Concen: 4.342 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF107541.D
Acq: 20 Jul 2018 23:11

Tgt Ion:163 Resp: 197648
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.7 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF107541.D

Acq: 20 Jul 2018 23:11

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-1

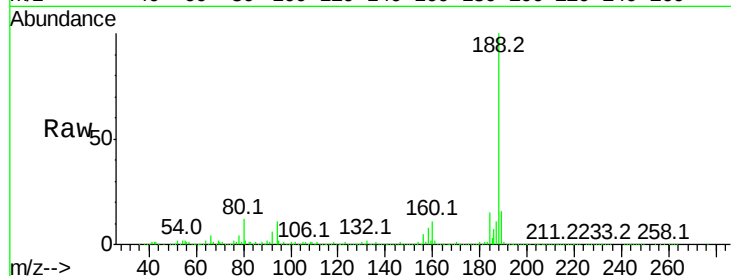
Tot Ion:188 Resp: 1110438

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

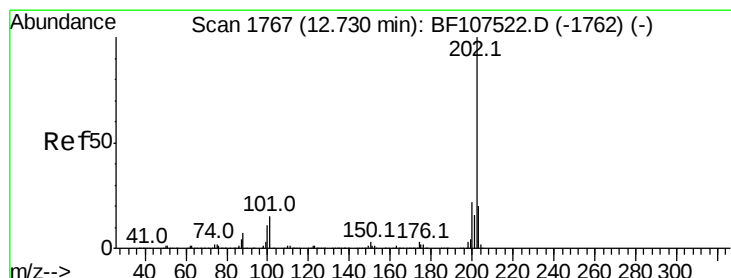
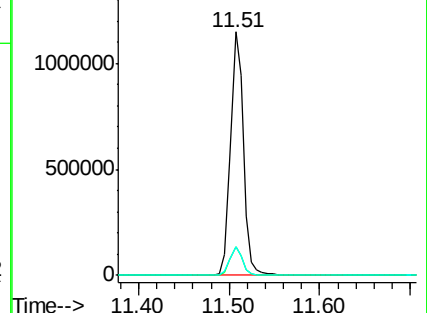
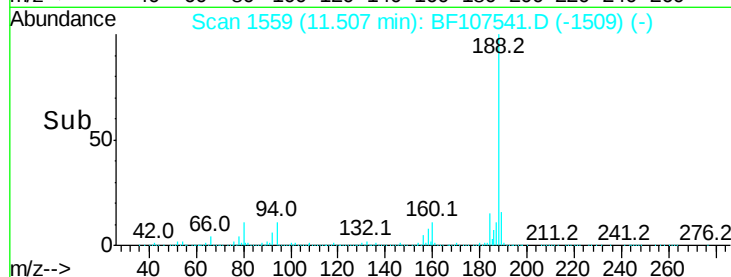
80 11.6 9.2 13.8



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



#74

Fluoranthene

Concen: 2.170 ng

RT: 12.72 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF107541.D

Acq: 20 Jul 2018 23:11

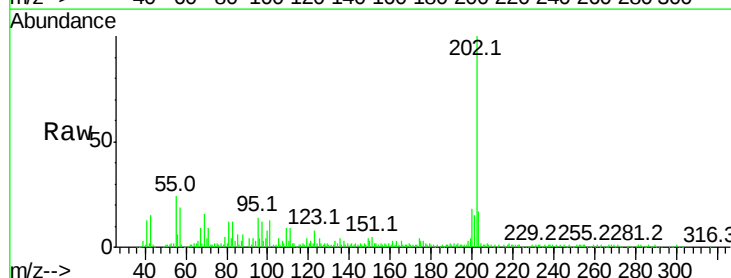
Tgt Ion:202 Resp: 126021

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.1

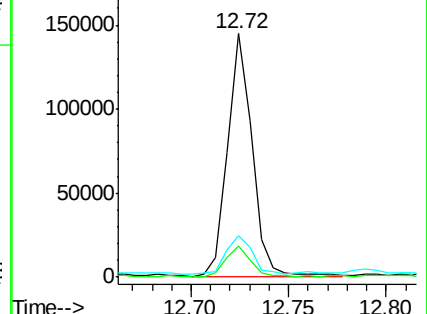
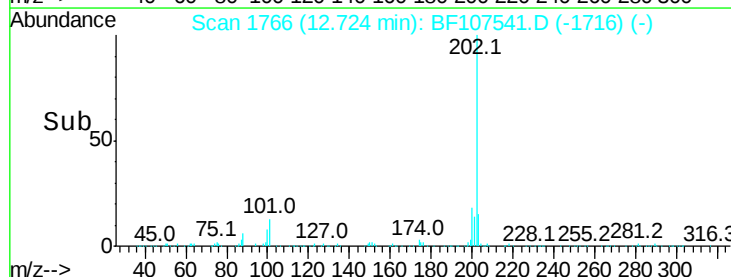
203 16.8 0.0 38.1

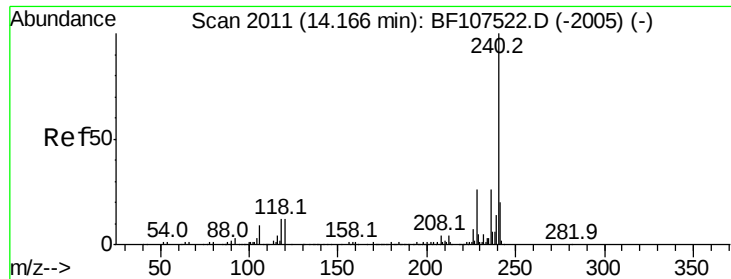


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107541.D

Acq: 20 Jul 2018 23:11

Instrument :

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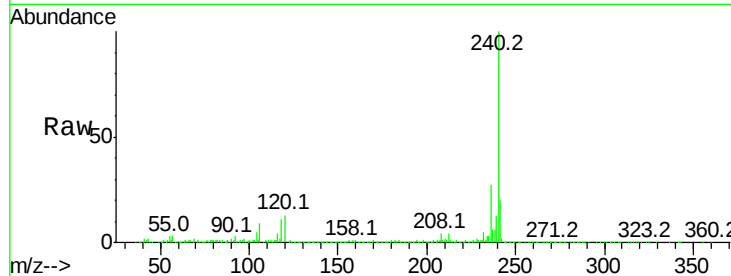
Tot Ion:240 Resp: 787783

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

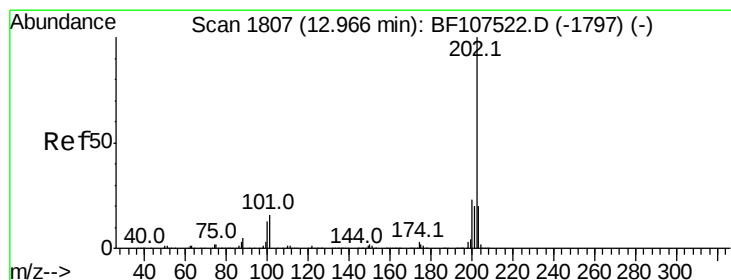
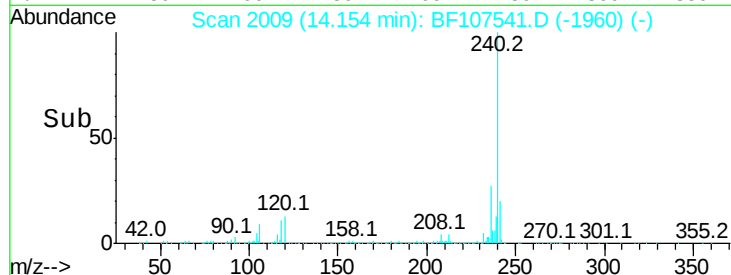
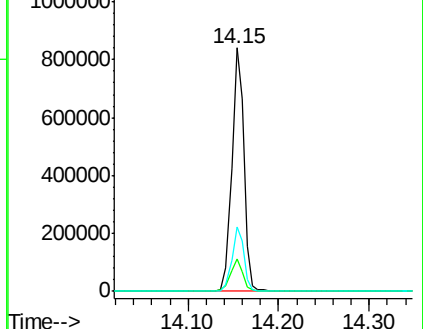
236 26.6 20.7 31.1



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



#77

Pyrene

Concen: 2.360 ng

RT: 12.95 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF107541.D

Acq: 20 Jul 2018 23:11

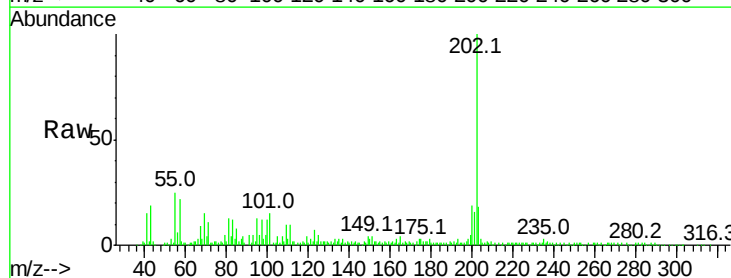
Tgt Ion:202 Resp: 127192

Ion Ratio Lower Upper

202 100

200 18.9 17.4 26.2

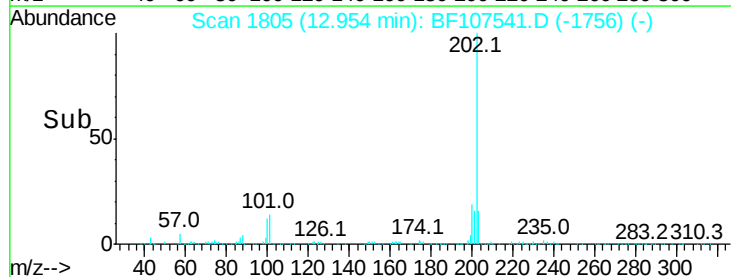
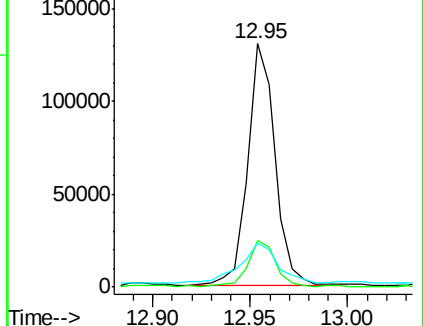
203 17.9 14.3 21.5

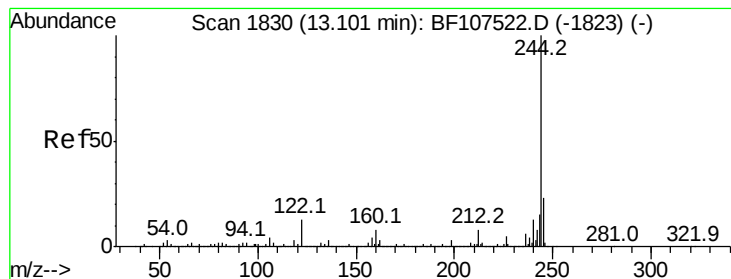


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.236 ng

RT: 13.09 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF107541.D

Acq: 20 Jul 2018 23:11

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-1

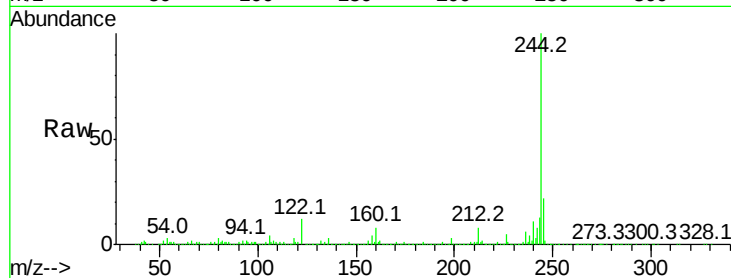
Tot Ion:244 Resp: 2099736

Ion Ratio Lower Upper

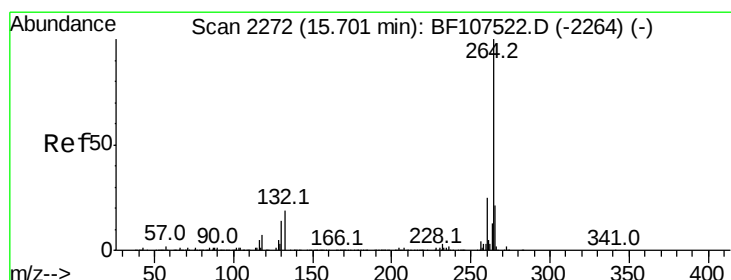
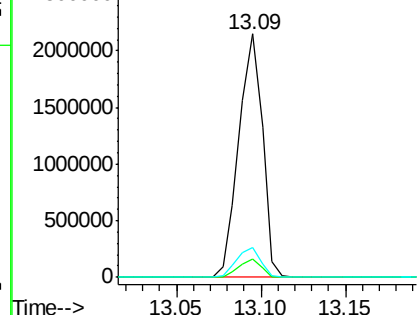
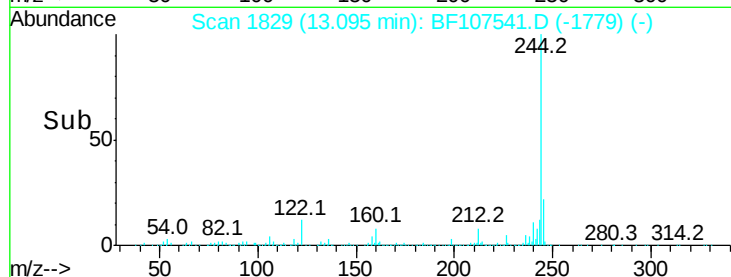
244 100

212 7.6 5.4 8.0

122 12.5 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: 15.69 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF107541.D

Acq: 20 Jul 2018 23:11

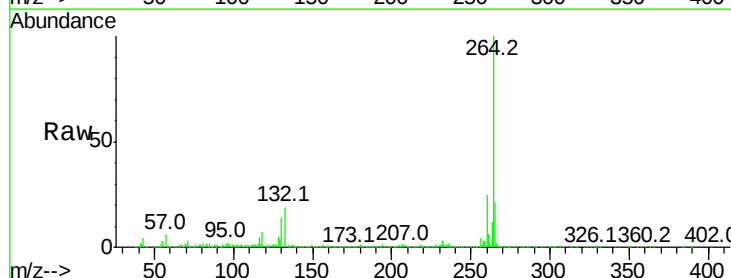
Tgt Ion:264 Resp: 891053

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.4 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

