

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107553.D
 Acq On : 21 Jul 2018 4:29
 Operator : JU/SJ
 Sample : J4057-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-2

Quant Time: Jul 21 05:40:32 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

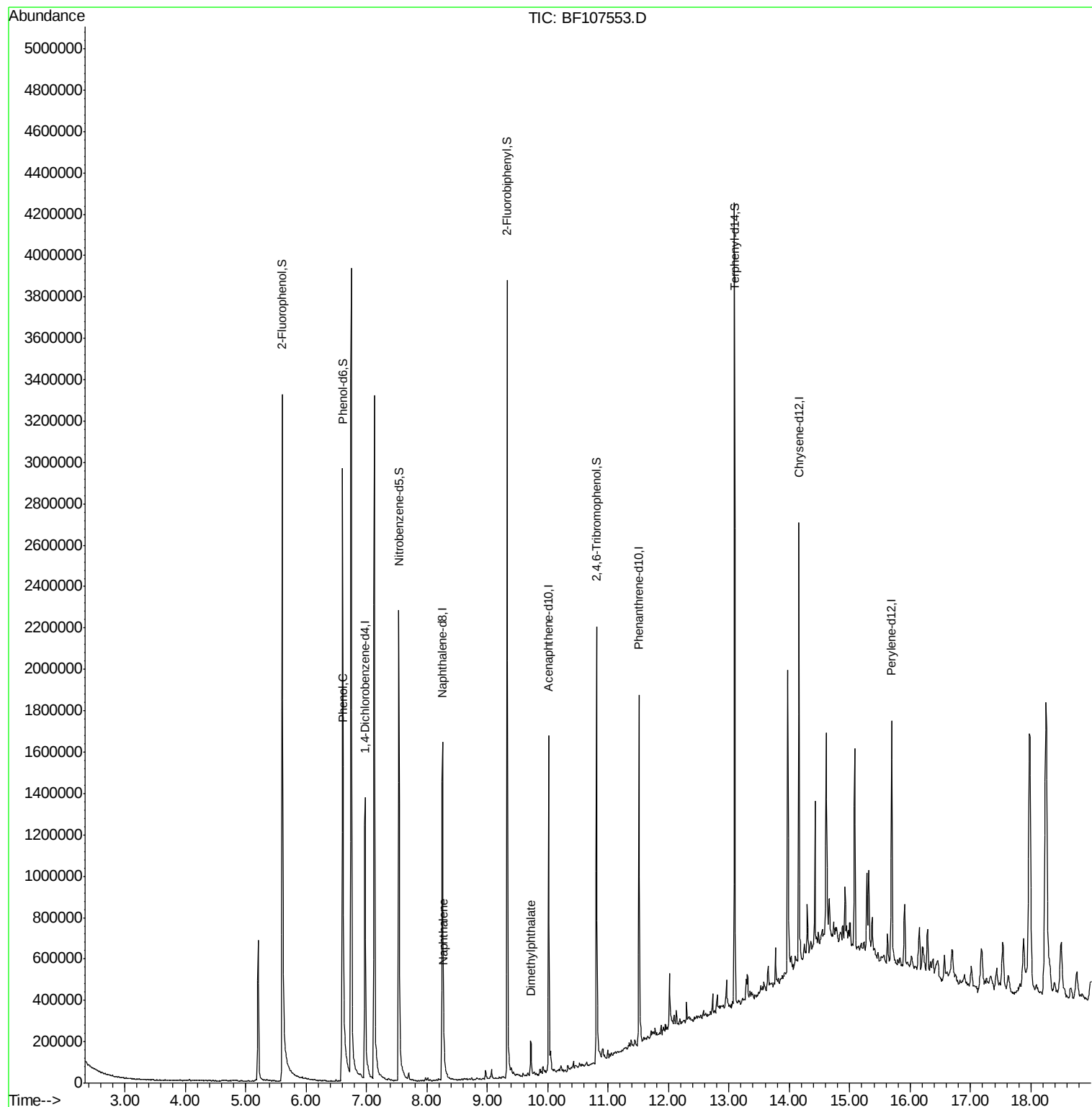
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	274467	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	923264	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	329446	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	673075	20.00	ng	0.00
75) Chrysene-d12	14.16	240	718252	20.00	ng	0.00
86) Perylene-d12	15.69	264	525045	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1268071	74.28	ng	0.00
7) Phenol-d6	6.61	99	1459485	71.20	ng	0.00
23) Nitrobenzene-d5	7.54	82	834188	60.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	300389	80.18	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1242695	59.20	ng	0.00
78) Terphenyl-d14	13.09	244	1270147	45.27	ng	0.00
Target Compounds						
10) Phenol	6.62	94	59660	2.475	ng	Qvalue # 62
31) Naphthalene	8.28	128	95628	2.355	ng	99
49) Dimethylphthalate	9.72	163	71944	2.898	ng	100

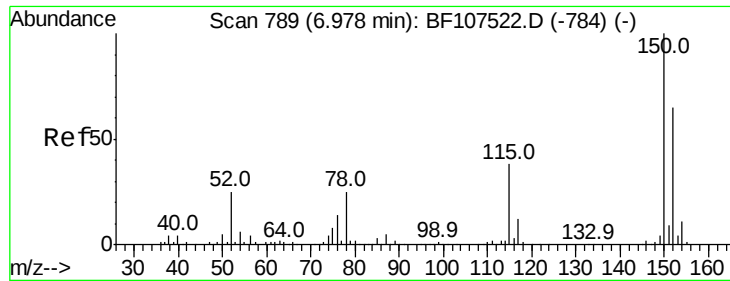
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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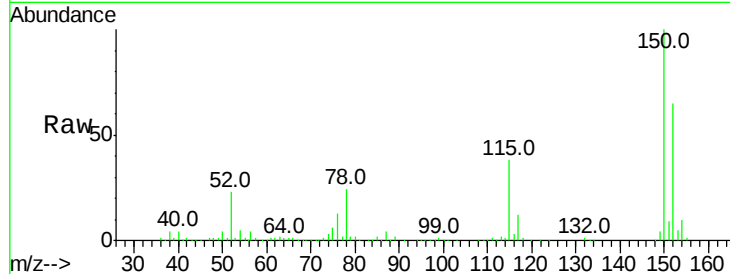


#1

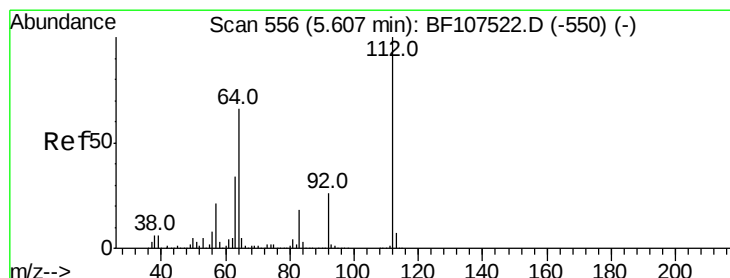
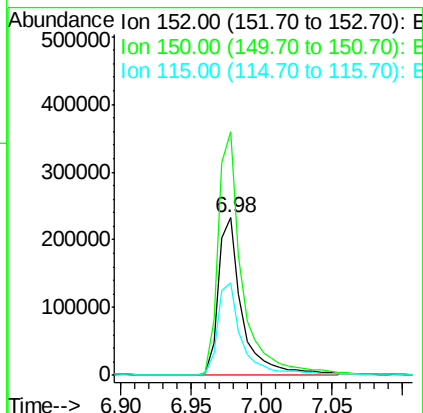
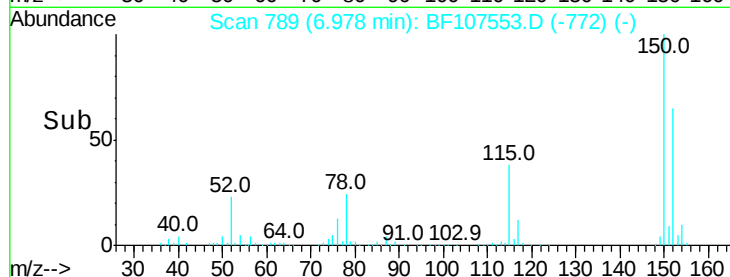
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF107553.D
 Acq: 21 Jul 2018 4:29

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-2

Tot Ion:152 Resp: 274467
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 59.0 50.1 75.1



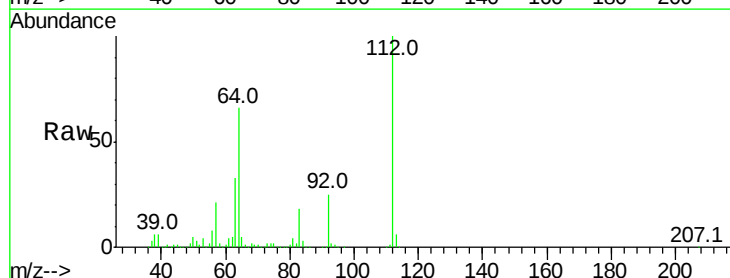
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



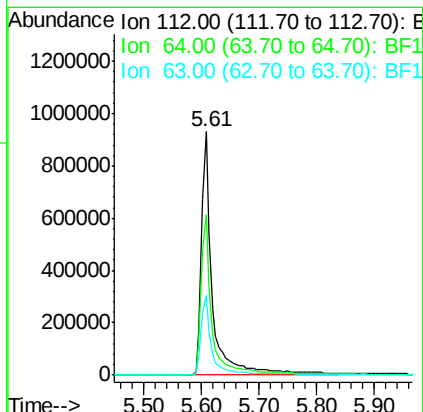
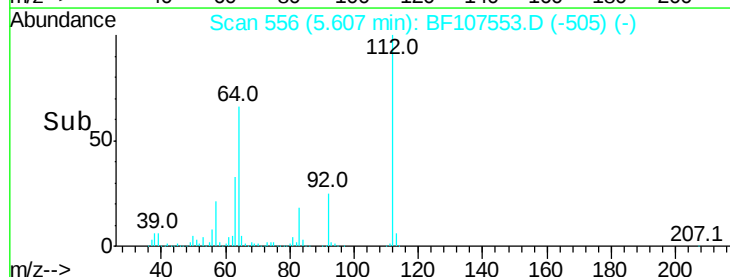
#5

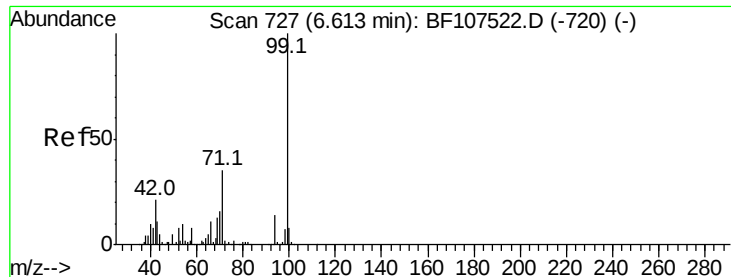
2-Fluorophenol
 Concen: 74.283 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF107553.D
 Acq: 21 Jul 2018 4:29

Tgt Ion:112 Resp: 1268071
 Ion Ratio Lower Upper
 112 100
 64 65.7 47.9 71.9
 63 33.0 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: 71.203 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107553.D

Acq: 21 Jul 2018 4:29

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-2

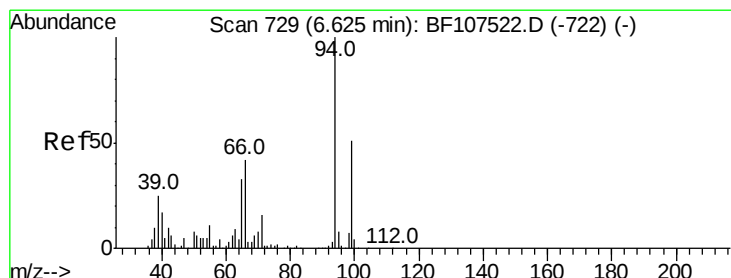
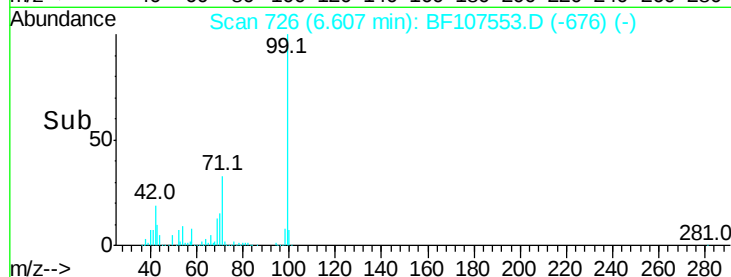
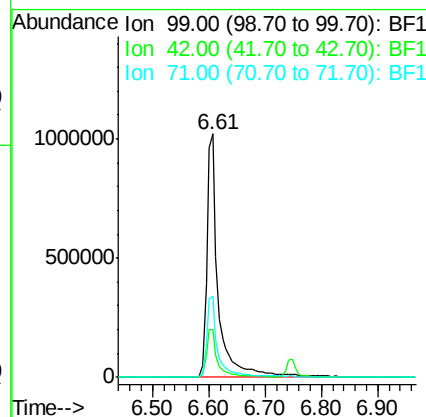
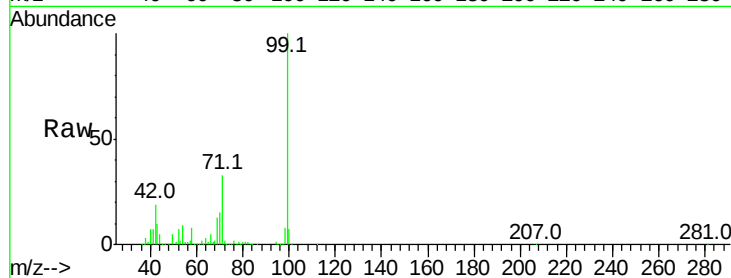
Tot Ion: 99 Resp: 1459485

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 33.2 25.4 38.0



#10

Phenol

Concen: 2.475 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107553.D

Acq: 21 Jul 2018 4:29

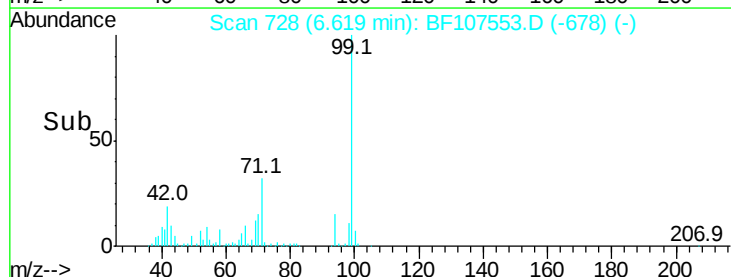
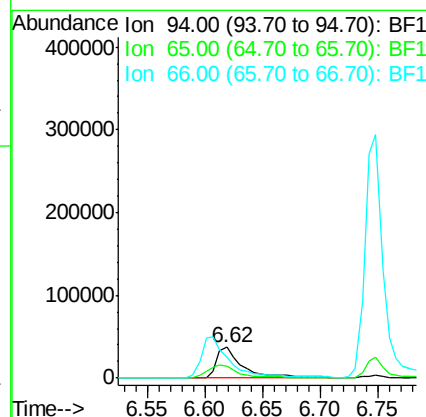
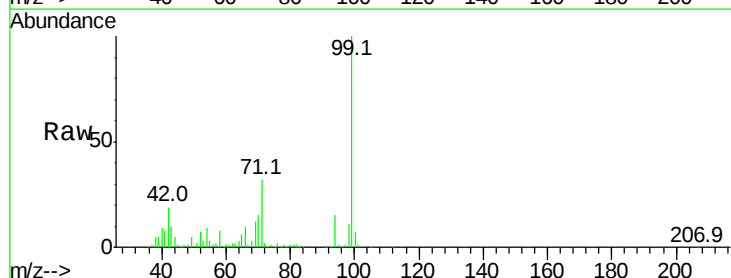
Tgt Ion: 94 Resp: 59660

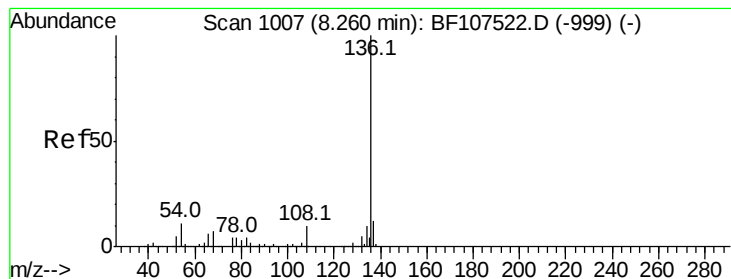
Ion Ratio Lower Upper

94 100

65 37.3 7.9 47.9

66 67.7 16.2 56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF107553.D

Acq: 21 Jul 2018 4:29

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-2

Tot Ion:136 Resp: 923264

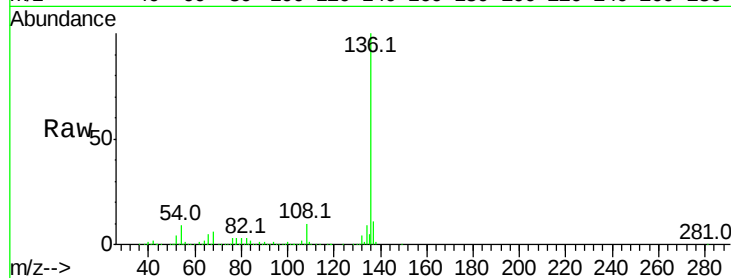
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.1 6.6 9.8

68 5.9 5.0 7.4

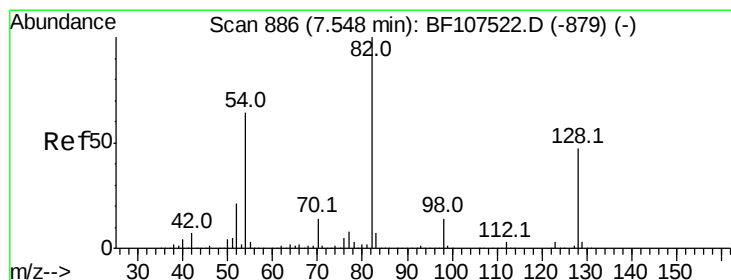
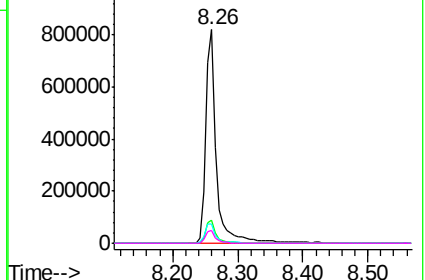
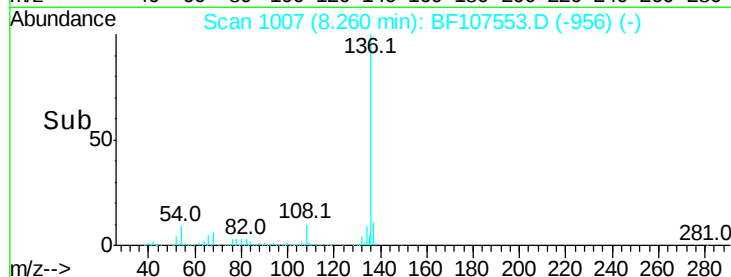


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.976 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF107553.D

Acq: 21 Jul 2018 4:29

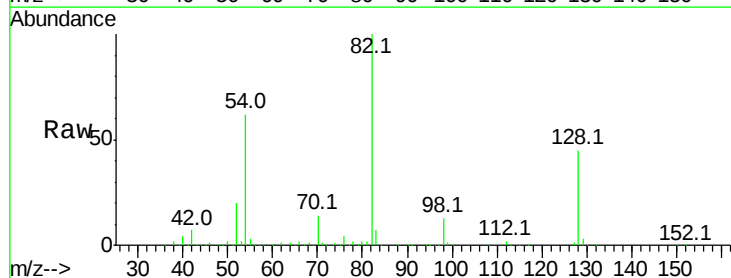
Tgt Ion: 82 Resp: 834188

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

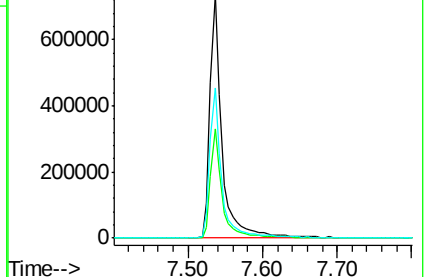
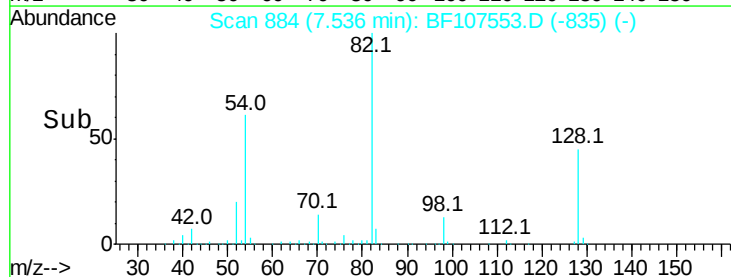
54 61.5 41.4 62.2

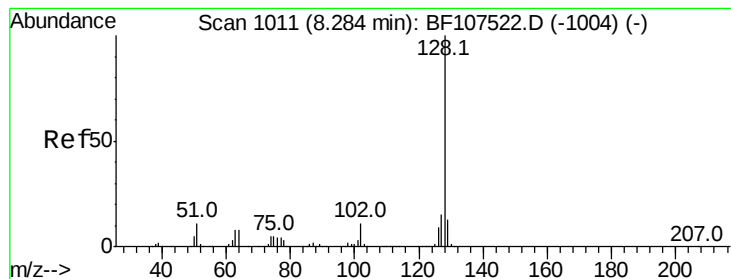


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 2.355 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF107553.D

Acq: 21 Jul 2018 4:29

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-2

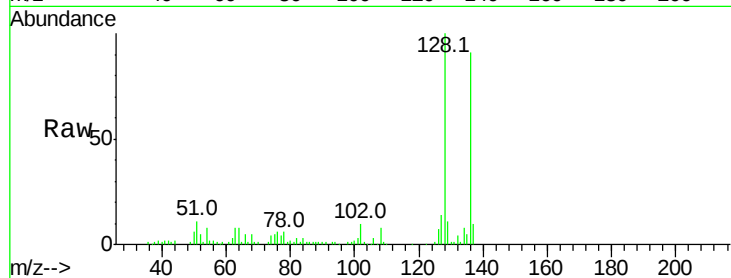
Tot Ion:128 Resp: 95628

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

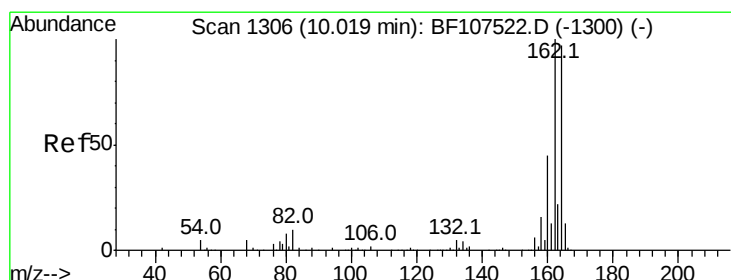
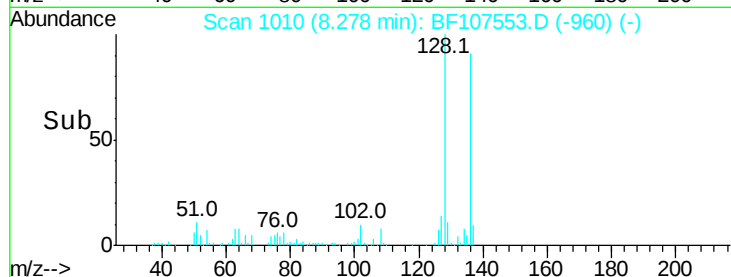
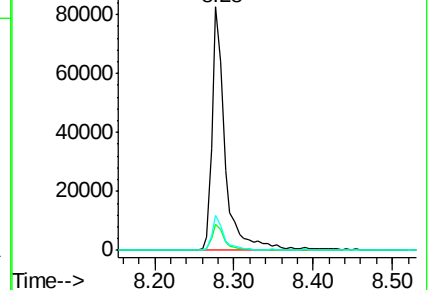
127 14.2 10.9 16.3



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF107553.D

Acq: 21 Jul 2018 4:29

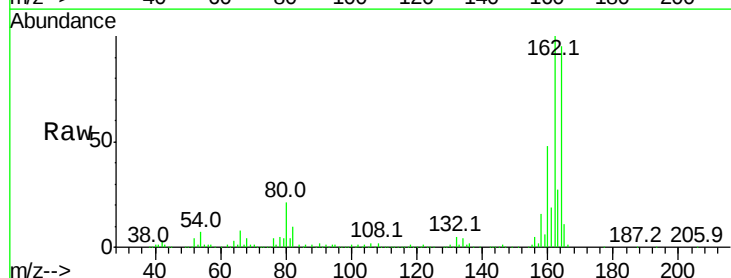
Tgt Ion:164 Resp: 329446

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

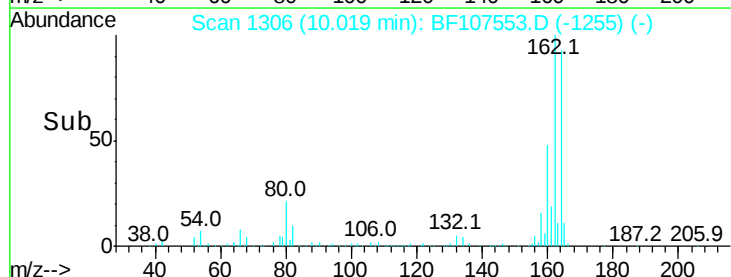
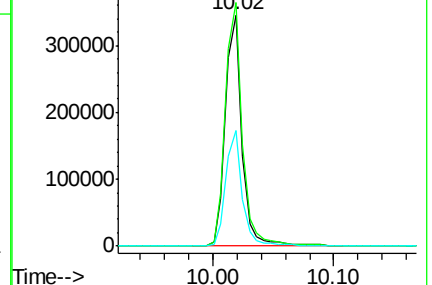
160 50.0 38.3 57.5

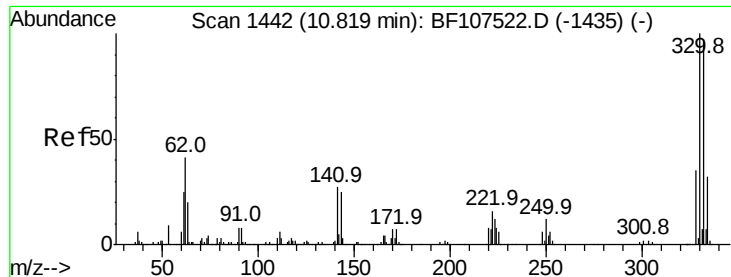


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

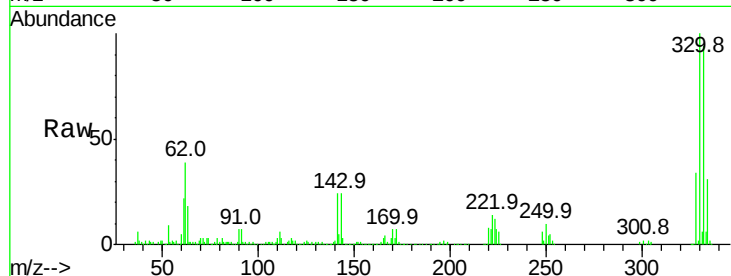




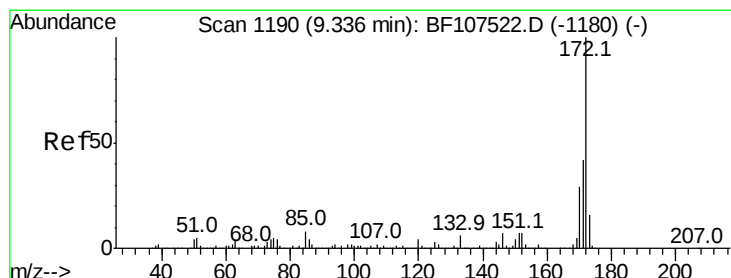
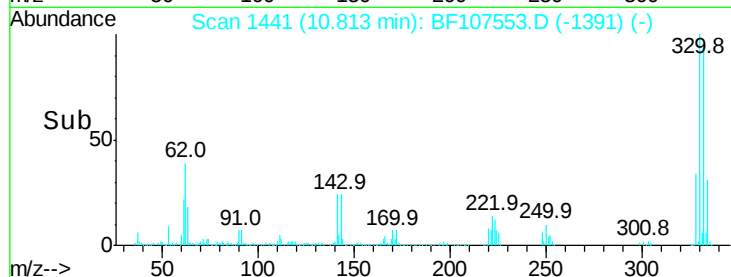
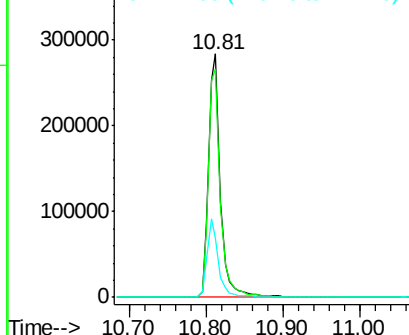
#41
 2,4,6-Tribromophenol
 Concen: 80.183 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107553.D
 Acq: 21 Jul 2018 4:29

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-2

Tot Ion:330 Resp: 300389
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 30.4 29.9 44.9

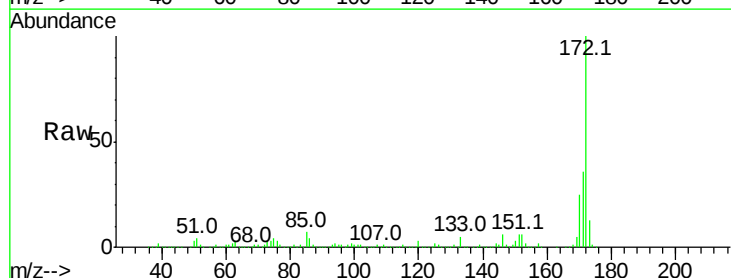


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

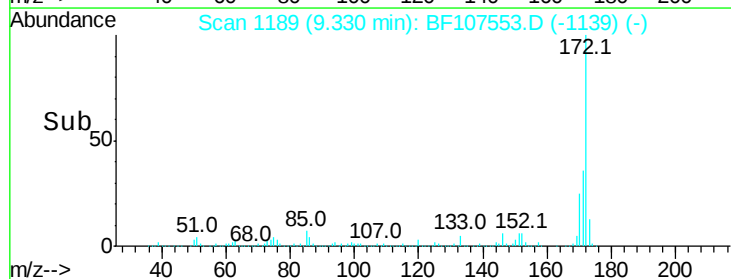
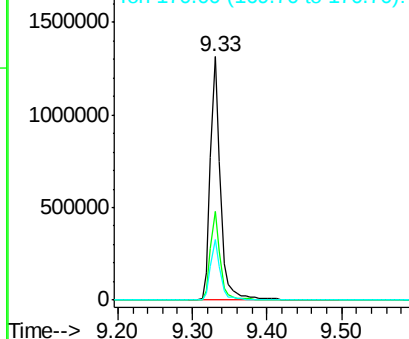


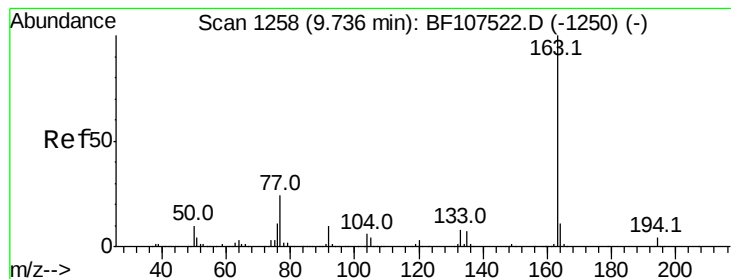
#44
 2-Fluorobiphenyl
 Concen: 59.199 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107553.D
 Acq: 21 Jul 2018 4:29

Tgt Ion:172 Resp: 1242695
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.8 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: 2.898 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF107553.D

Acq: 21 Jul 2018 4:29

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-2

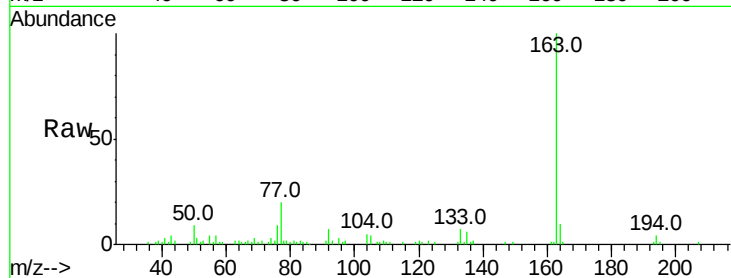
Tot Ion:163 Resp: 71944

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

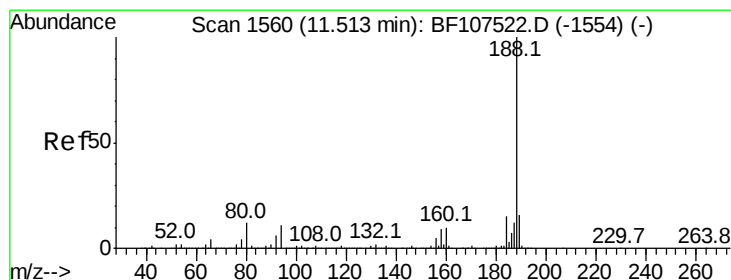
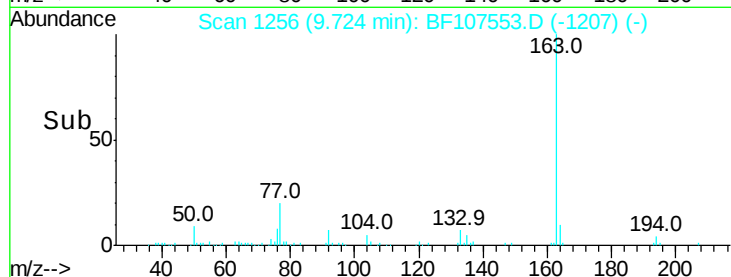
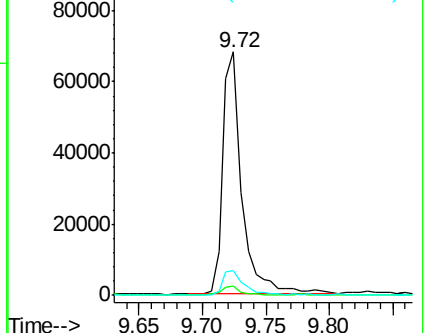
164 10.3 8.2 12.2



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: 11.51 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF107553.D

Acq: 21 Jul 2018 4:29

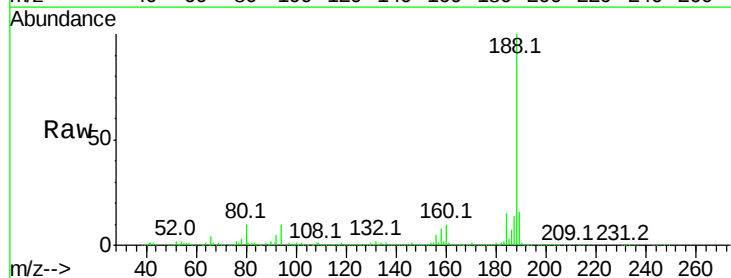
Tgt Ion:188 Resp: 673075

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

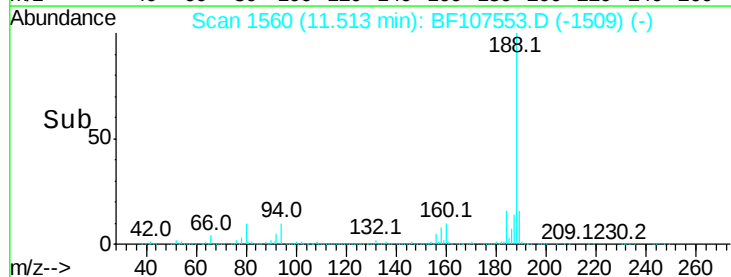
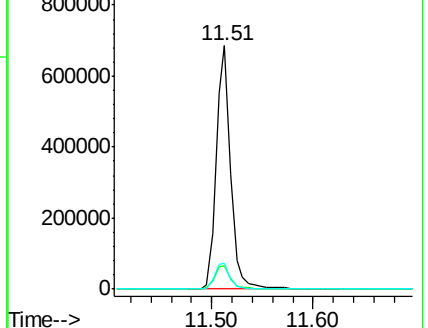
80 10.4 9.2 13.8

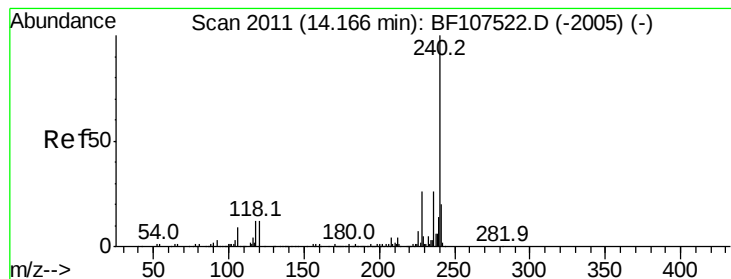


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107553.D

Acq: 21 Jul 2018 4:29

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-2

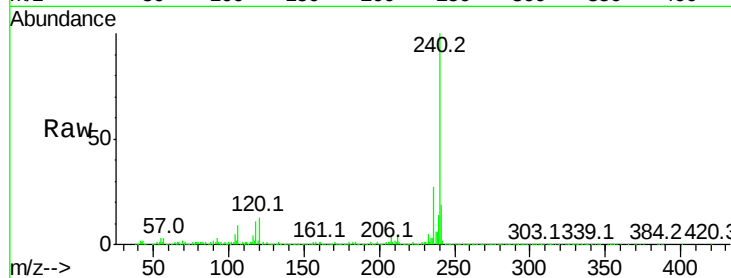
Tot Ion:240 Resp: 718252

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

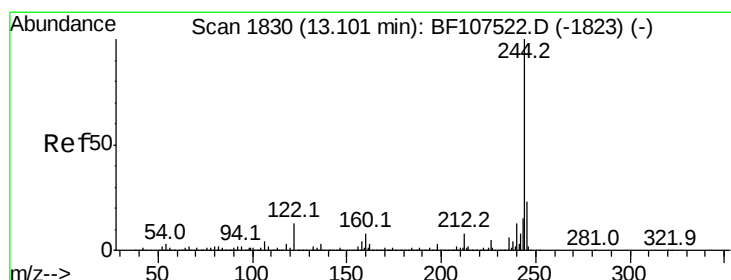
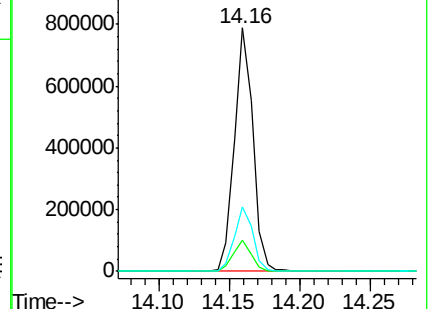
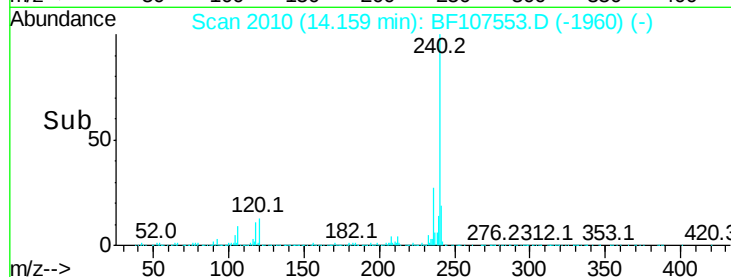
236 26.6 20.7 31.1



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



#78

Terphenyl-d14

Concen: 45.272 ng

RT: 13.09 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF107553.D

Acq: 21 Jul 2018 4:29

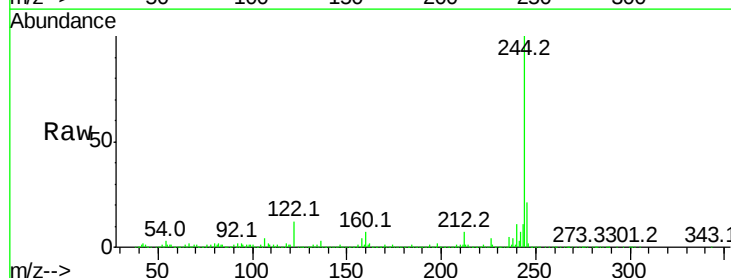
Tgt Ion:244 Resp: 1270147

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

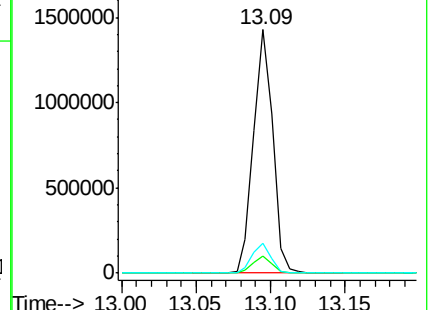
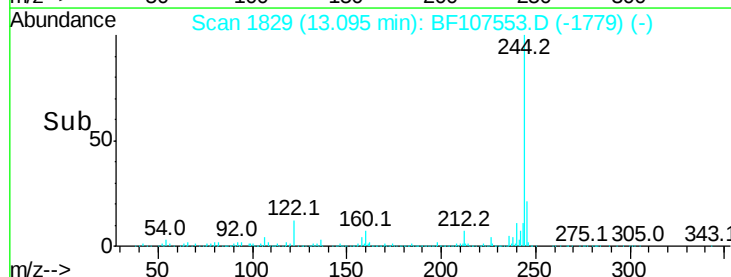
122 12.1 11.0 16.4

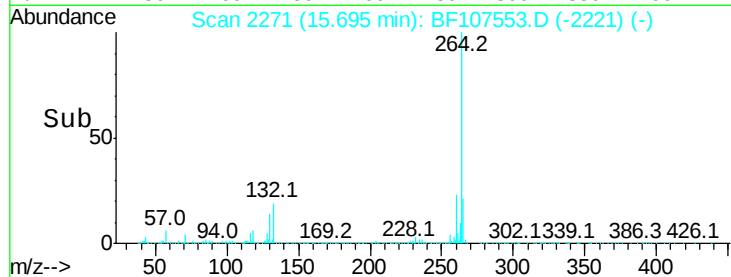
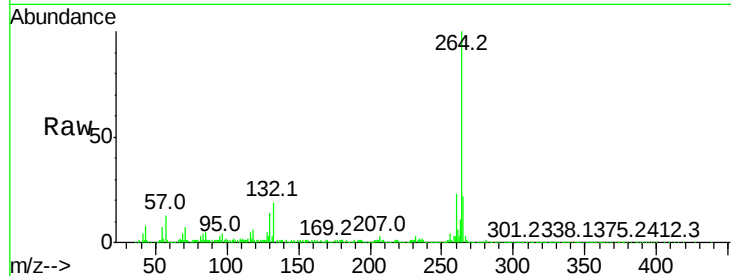
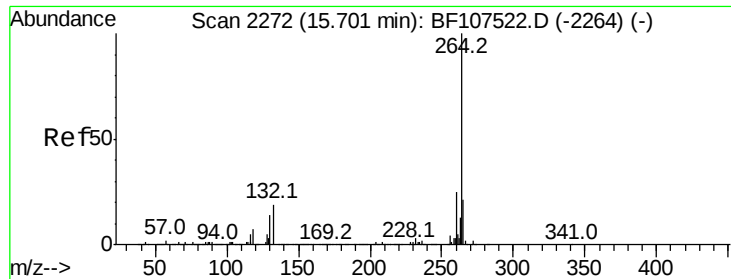


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2271
Delta R.T. -0.01 min
Lab File: BF107553.D
Acq: 21 Jul 2018 4:29

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	17.5	26.3

