

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107374.D
 Acq On : 13 Jul 2018 18:22
 Operator : JU/SJ
 Sample : J3542-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LL-SOIL-2

Quant Time: Jul 13 23:23:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

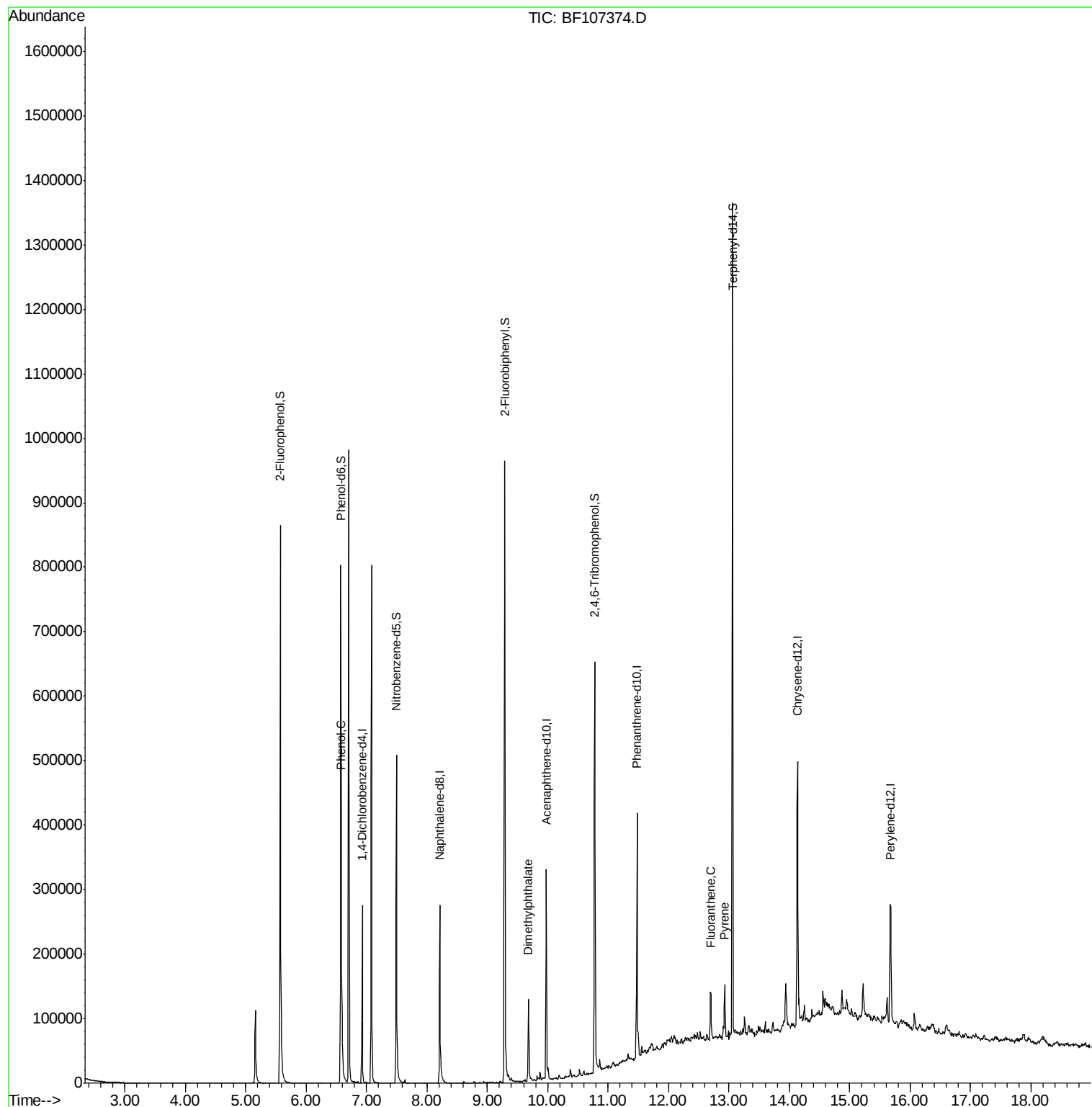
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	42885	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	146627	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	70250	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	151923	20.00	ng	0.00
75) Chrysene-d12	14.14	240	145318	20.00	ng	0.00
86) Perylene-d12	15.67	264	103139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	279959	110.54	ng	0.00
7) Phenol-d6	6.58	99	320027	101.19	ng	0.00
23) Nitrobenzene-d5	7.50	82	182252	69.08	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	97215	119.40	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	350336	84.29	ng	0.00
78) Terphenyl-d14	13.06	244	482413	80.41	ng	0.00
Target Compounds						
10) Phenol	6.59	94	8328	2.307	ng	Qvalue # 70
49) Dimethylphthalate	9.68	163	60018	11.391	ng	99
74) Fluoranthene	12.70	202	32814	4.063	ng	95
77) Pyrene	12.93	202	30279	3.160	ng	99

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

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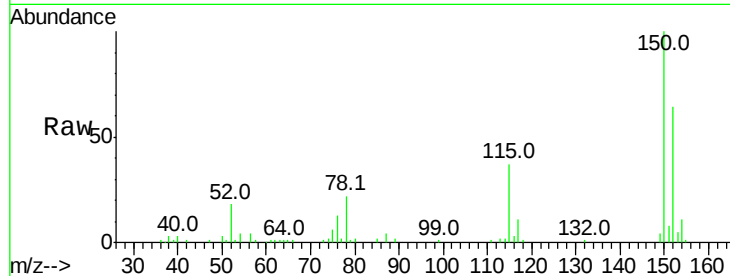


#1

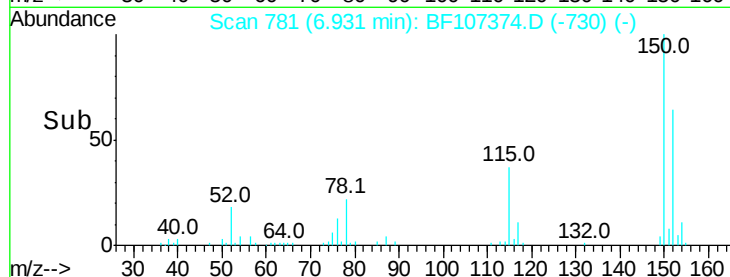
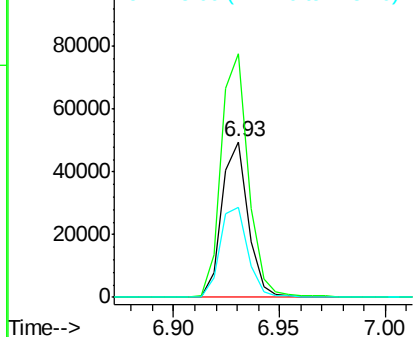
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107374.D
Acq: 13 Jul 2018 18:22

Instrument :
BNA_F
ClientSampled :
LL-SOIL-2

Tot Ion:152 Resp: 42885
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 57.6 50.1 75.1



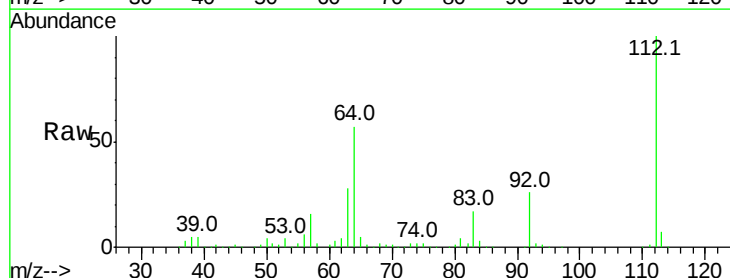
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



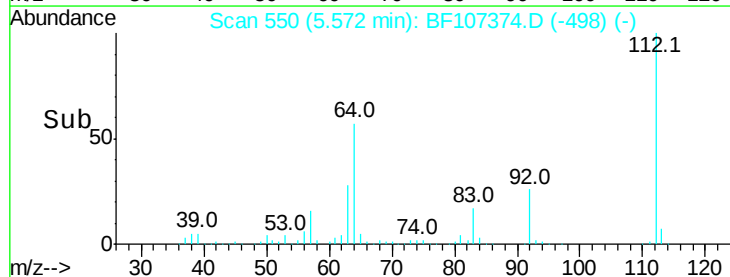
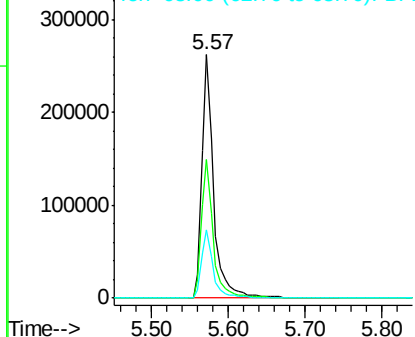
#5

2-Fluorophenol
Concen: 110.542 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107374.D
Acq: 13 Jul 2018 18:22

Tgt Ion:112 Resp: 279959
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 28.3 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: 101.187 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107374.D

Acq: 13 Jul 2018 18:22

Instrument :

BNA_F

ClientSampled :

LL-SOIL-2

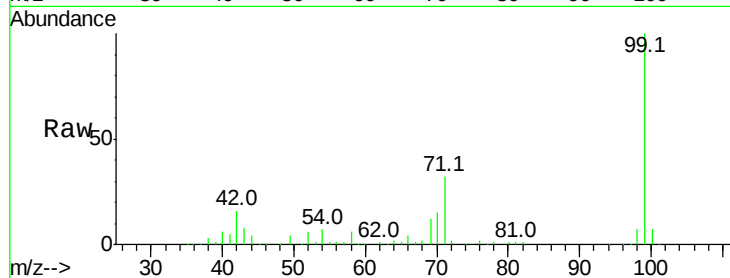
Tot Ion: 99 Resp: 320027

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

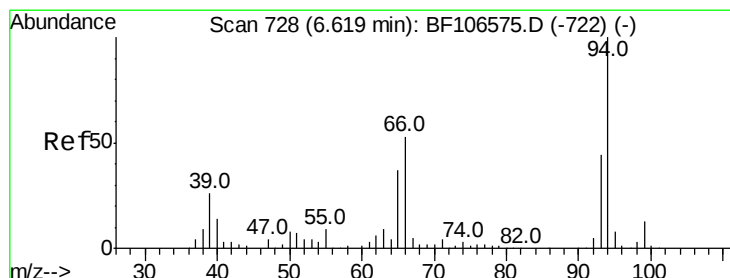
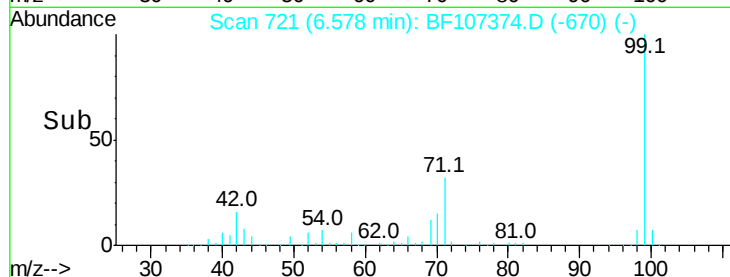
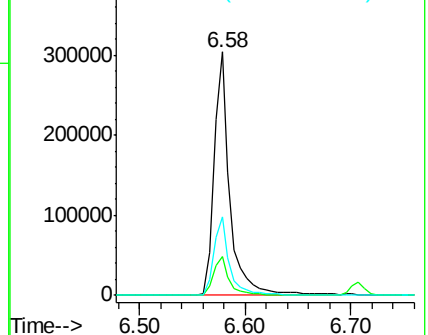
71 32.2 25.4 38.0



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



#10

Phenol

Concen: 2.307 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF107374.D

Acq: 13 Jul 2018 18:22

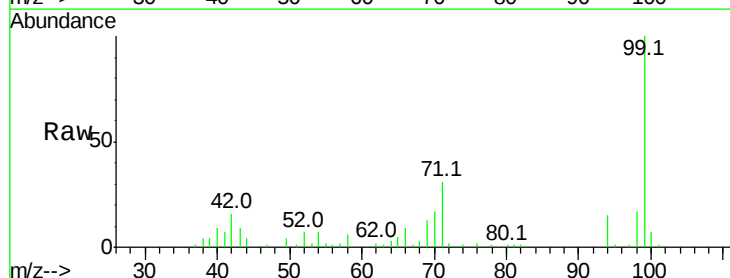
Tgt Ion: 94 Resp: 8328

Ion Ratio Lower Upper

94 100

65 32.8 7.9 47.9

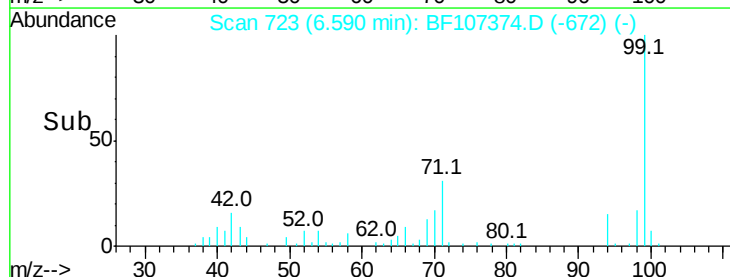
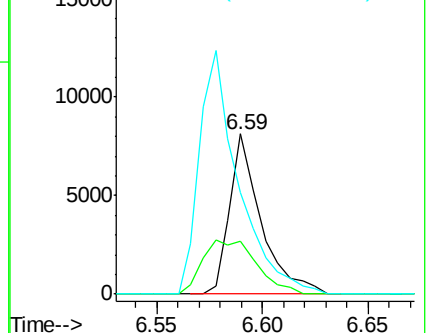
66 63.2 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF107374.D

Acq: 13 Jul 2018 18:22

Instrument :

BNA_F

ClientSampleId :

LL-SOIL-2

Tot Ion:136 Resp: 146627

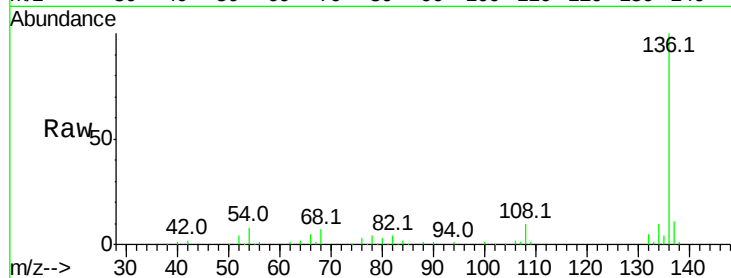
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 6.6 9.8

68 6.6 5.0 7.4

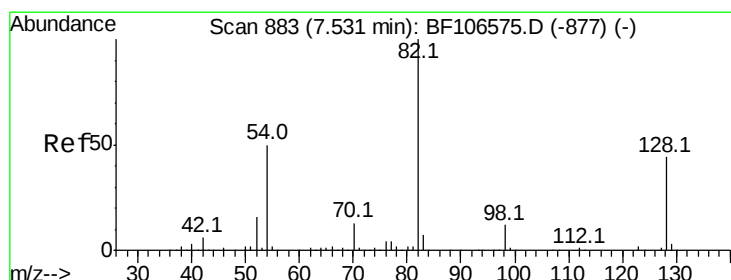
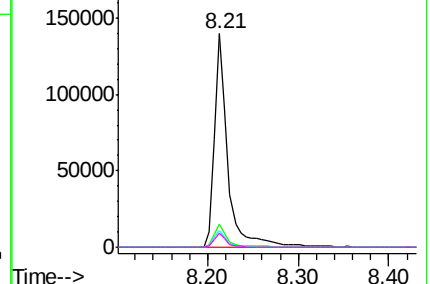
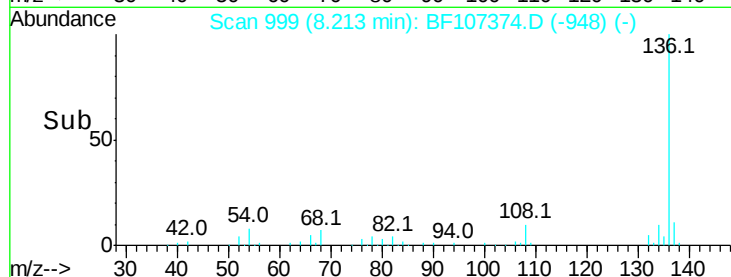


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.076 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF107374.D

Acq: 13 Jul 2018 18:22

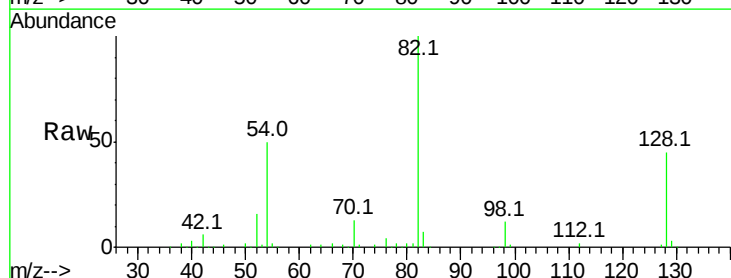
Tgt Ion: 82 Resp: 182252

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

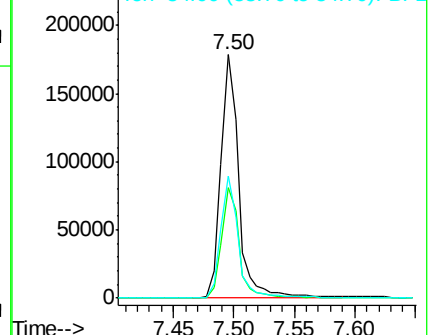
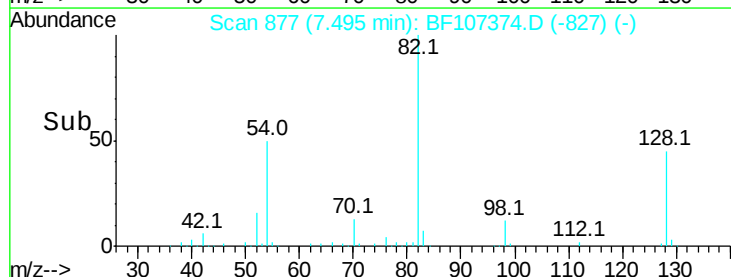
54 50.3 41.4 62.2

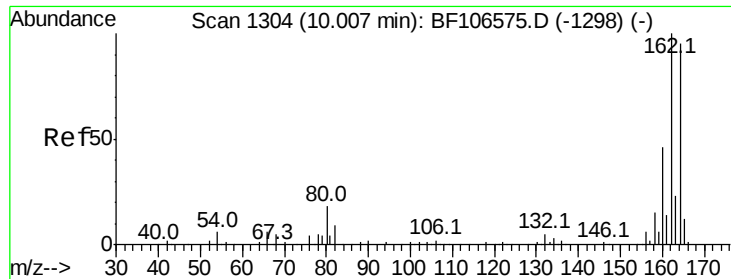


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

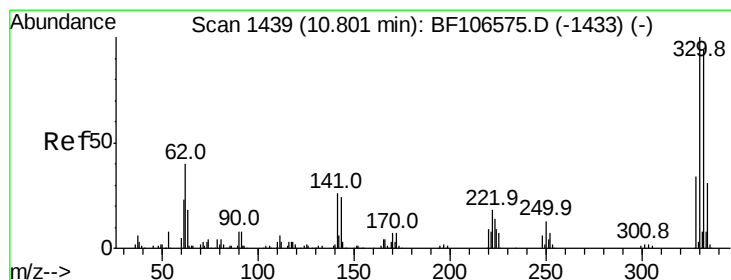
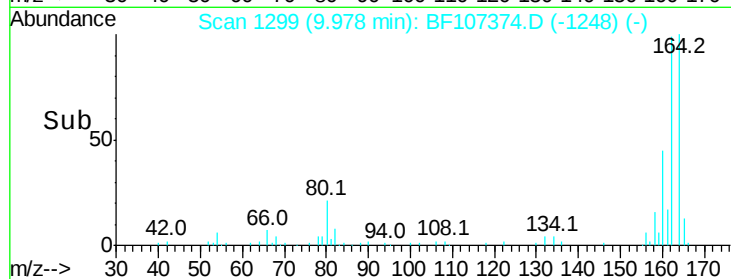
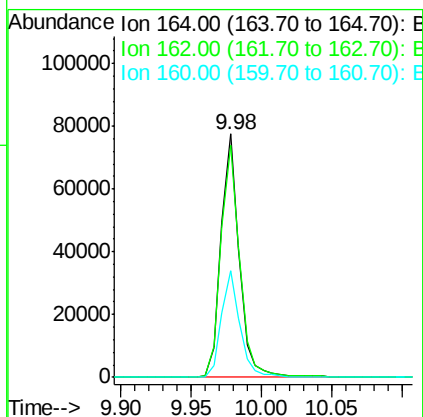
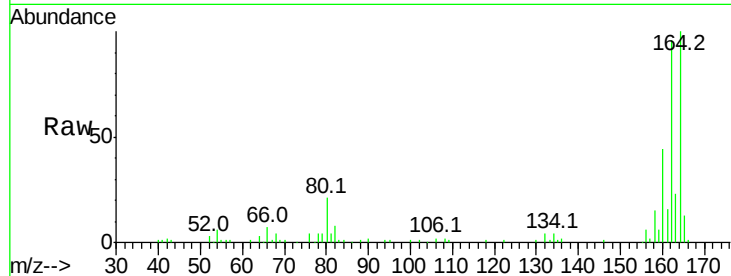




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF107374.D
 Acq: 13 Jul 2018 18:22

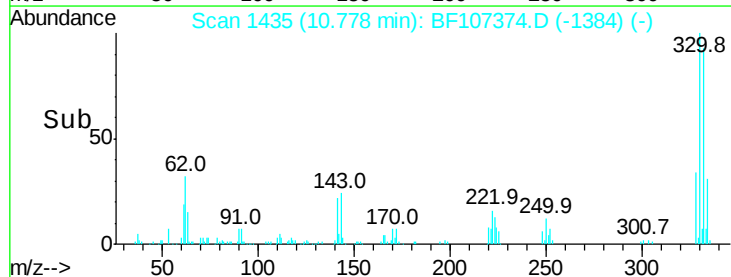
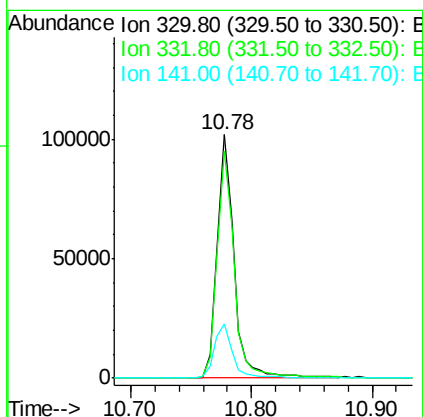
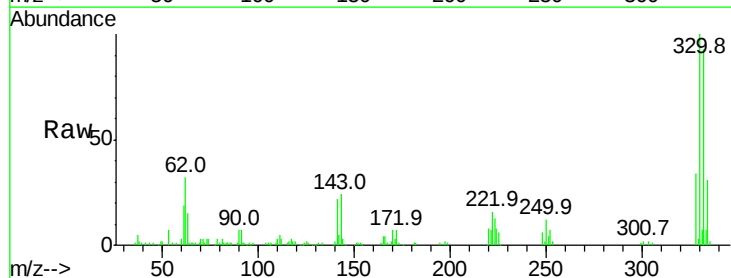
Instrument :
 BNA_F
 ClientSampleId :
 LL-SOIL-2

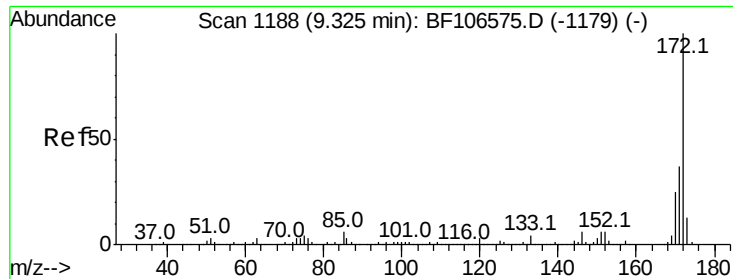
Tot Ion:164 Resp: 70250
 Ion Ratio Lower Upper
 164 100
 162 95.6 86.1 129.1
 160 43.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 119.397 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF107374.D
 Acq: 13 Jul 2018 18:22

Tgt Ion:330 Resp: 97215
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 24.2 29.9 44.9#

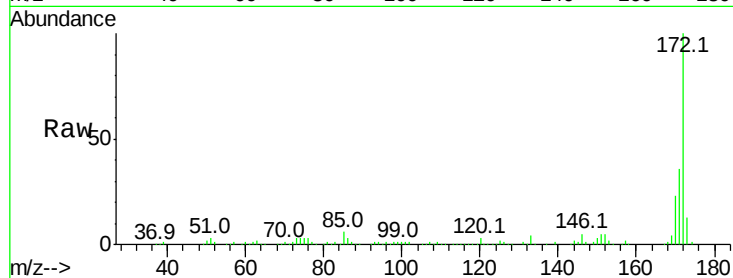




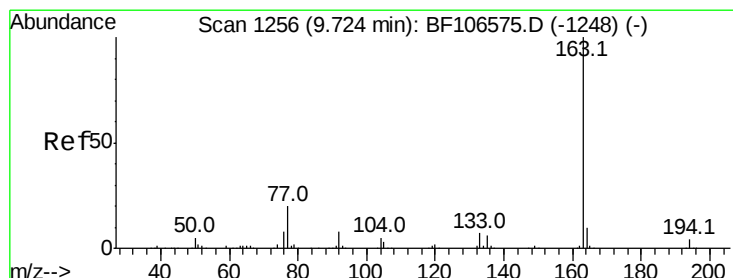
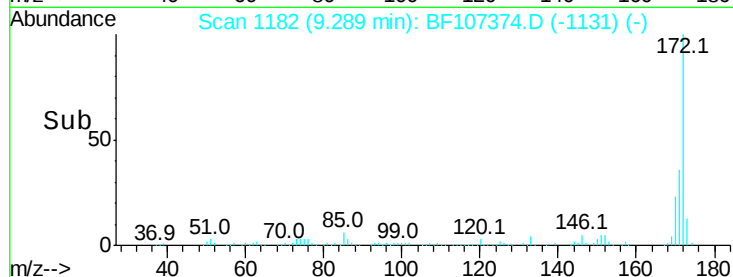
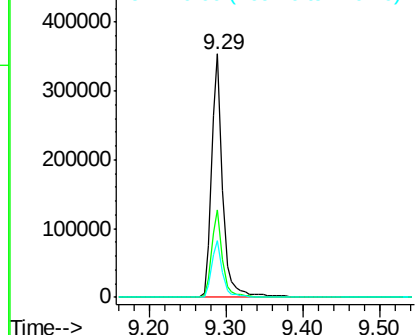
#44
2-Fluorobiphenyl
Concen: 84.287 ng
RT: 9.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF107374.D
Acq: 13 Jul 2018 18:22

Instrument :
BNA_F
ClientSampleId :
LL-SOIL-2

Tot Ion:172 Resp: 350336
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.3 19.6 29.4

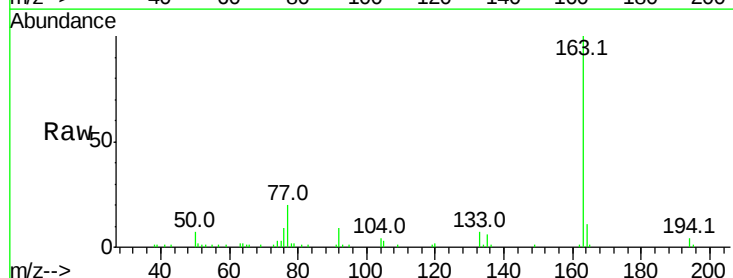


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

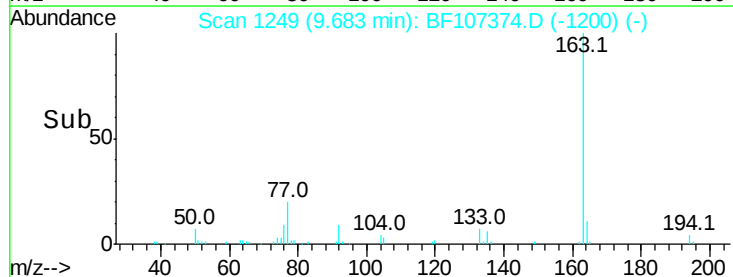
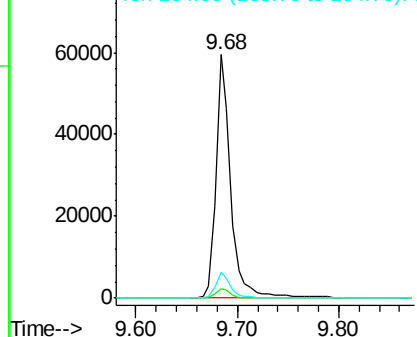


#49
Dimethylphthalate
Concen: 11.391 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107374.D
Acq: 13 Jul 2018 18:22

Tgt Ion:163 Resp: 60018
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.8 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: 11.48 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BF107374.D

Acq: 13 Jul 2018 18:22

Instrument :

BNA_F

ClientSampleId :

LL-SOIL-2

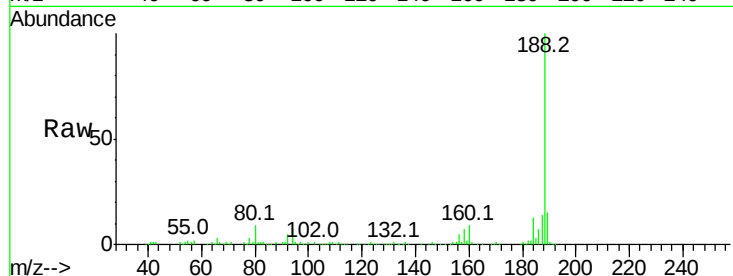
Tot Ion:188 Resp: 151923

Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

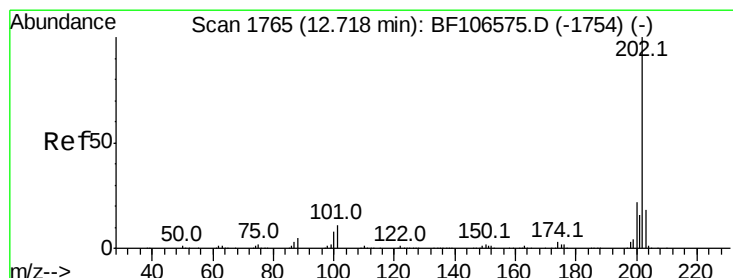
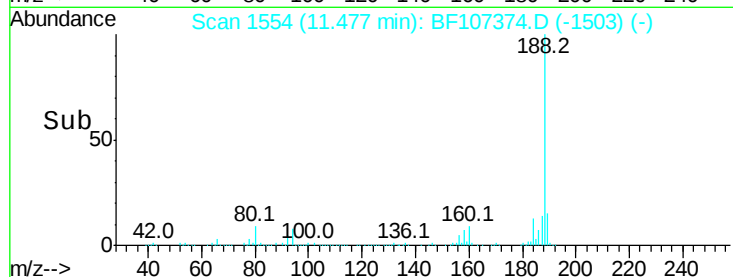
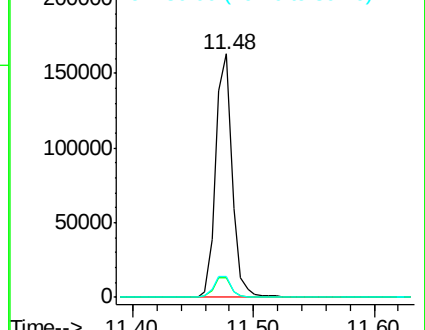
80 8.6 9.2 13.8#



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: 4.063 ng

RT: 12.70 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF107374.D

Acq: 13 Jul 2018 18:22

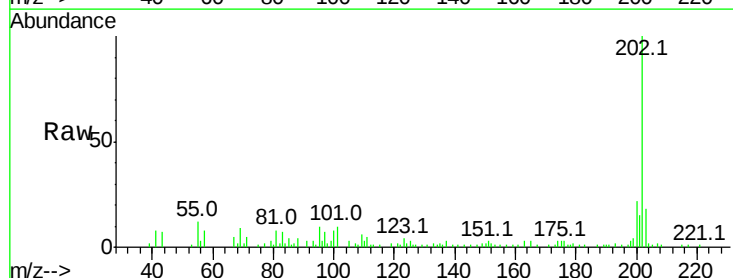
Tgt Ion:202 Resp: 32814

Ion Ratio Lower Upper

202 100

101 9.9 0.0 34.1

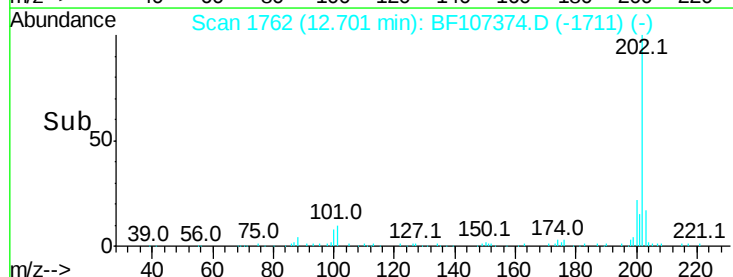
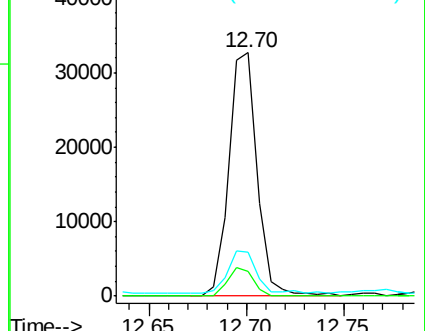
203 18.3 0.0 38.1

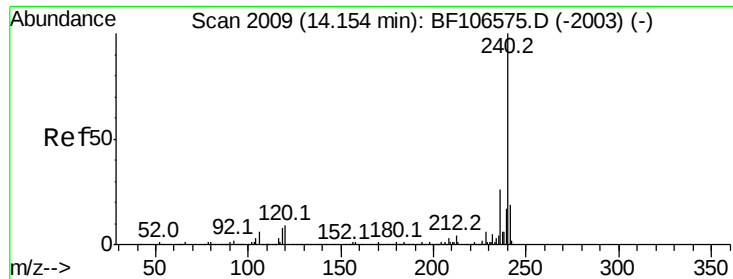


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.14 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF107374.D

Acq: 13 Jul 2018 18:22

Instrument :

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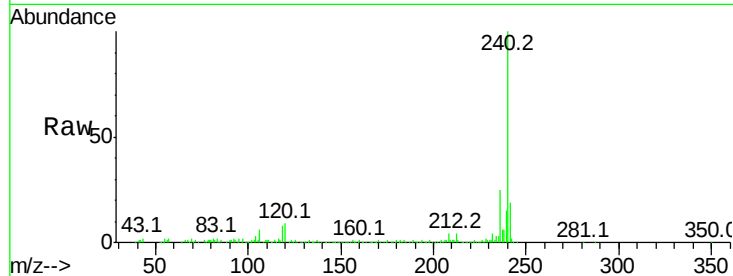
Tot Ion:240 Resp: 145318

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

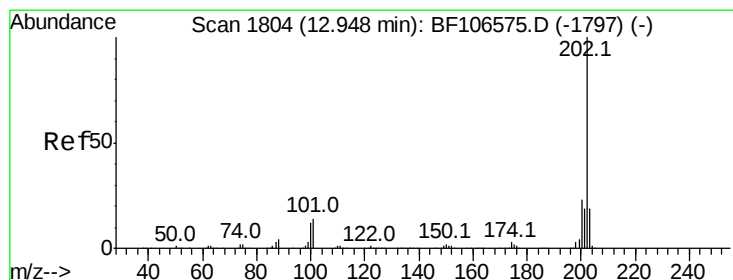
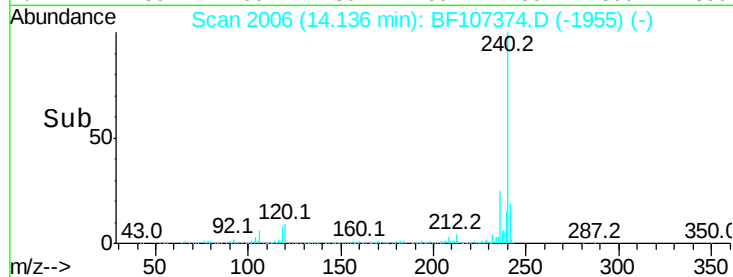
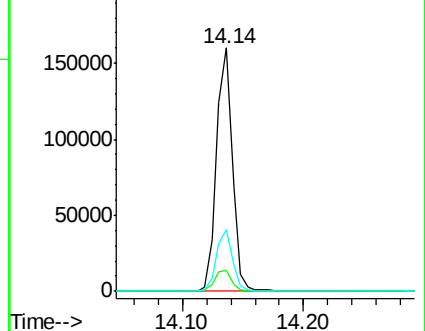
236 25.3 20.7 31.1



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: 3.160 ng

RT: 12.93 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF107374.D

Acq: 13 Jul 2018 18:22

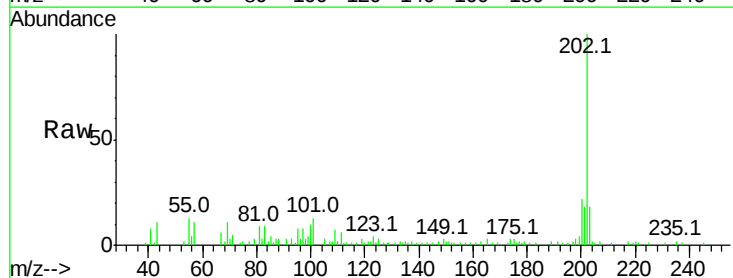
Tgt Ion:202 Resp: 30279

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

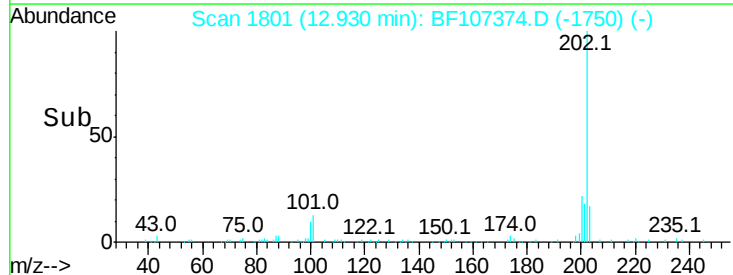
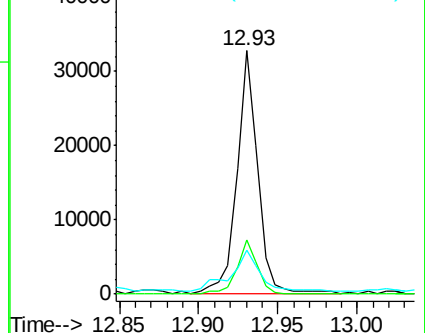
203 18.1 14.3 21.5

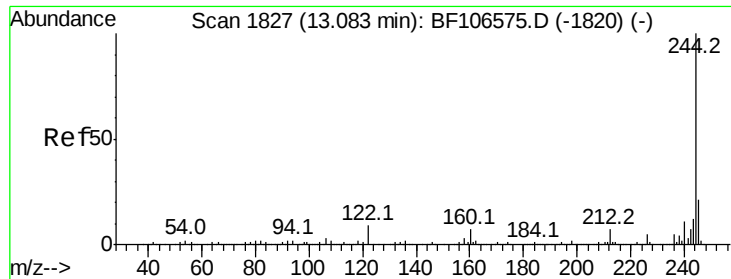


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

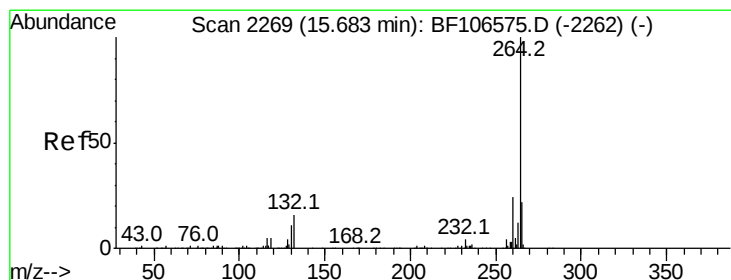
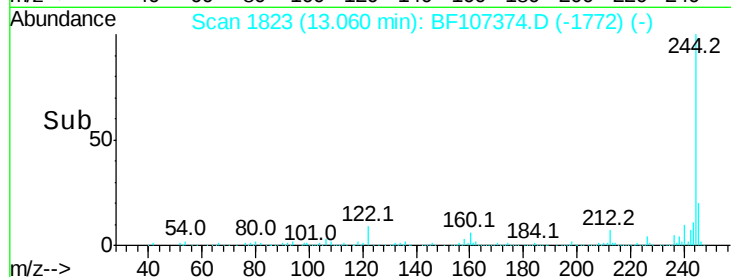
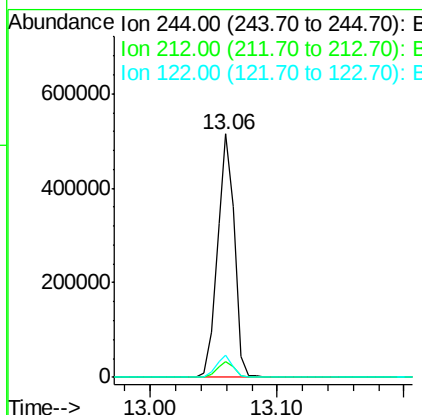
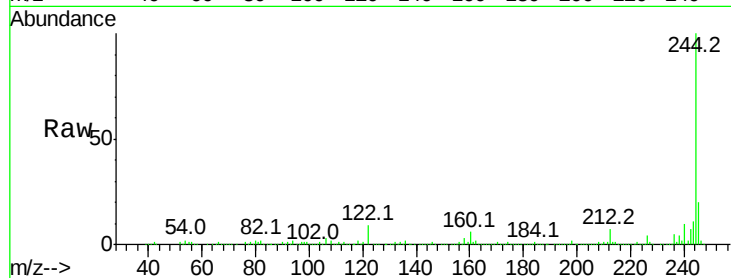




#78
 Terphenyl-d14
 Concen: 80.413 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BF107374.D
 Acq: 13 Jul 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :
 LL-SOIL-2

Tot Ion:244 Resp: 482413
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.3 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. 0.01 min
 Lab File: BF107374.D
 Acq: 13 Jul 2018 18:22

Tgt Ion:264 Resp: 103139
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.9 17.5 26.3

