

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107415.D
 Acq On : 16 Jul 2018 21:06
 Operator : JU/SJ
 Sample : J3542-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-1

Quant Time: Jul 17 01:53:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 17:24:26 2018
 Response via : Initial Calibration

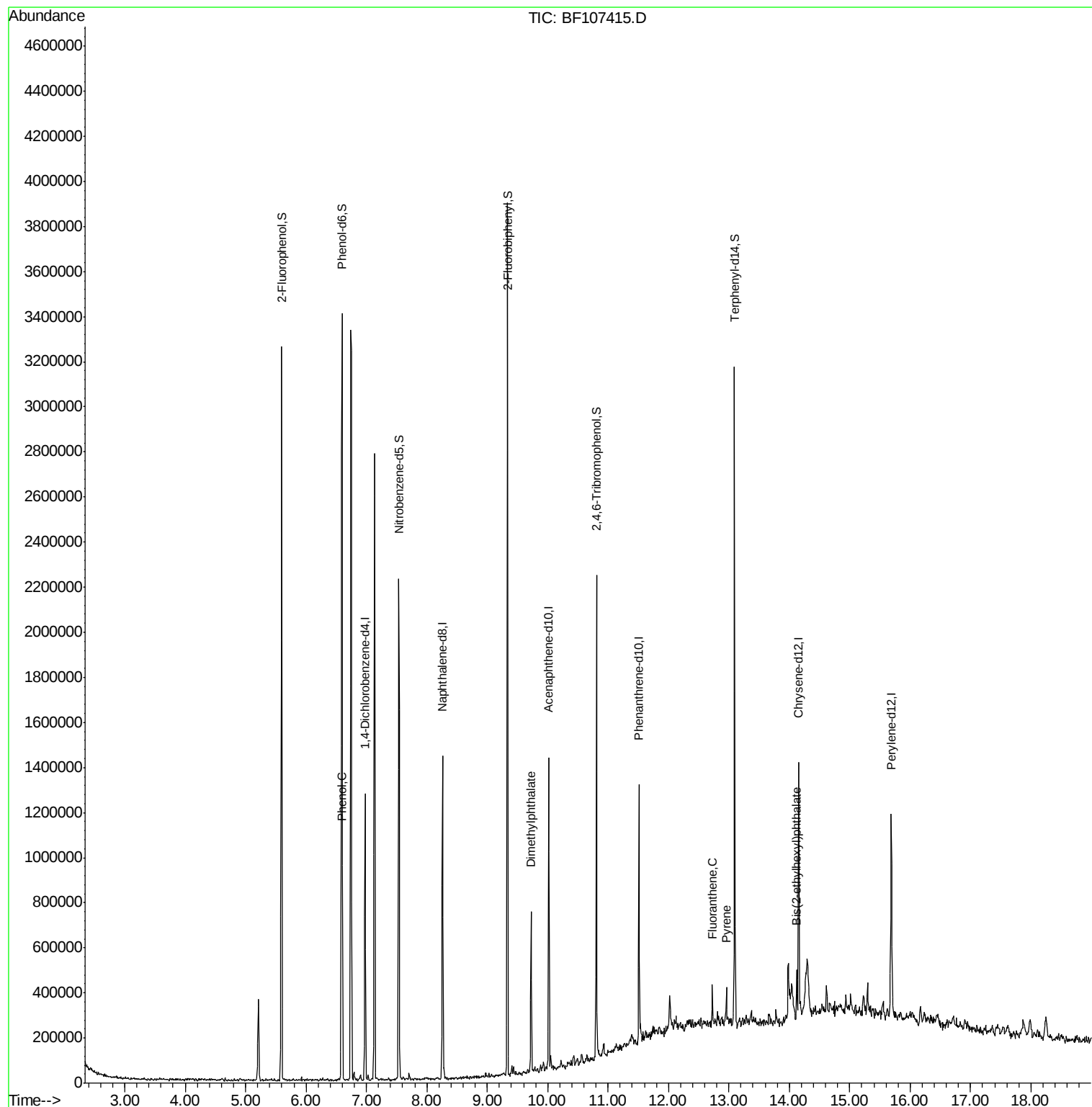
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	134535	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	476973	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	237505	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	386436	20.00	ng	0.00
75) Chrysene-d12	14.16	240	384657	20.00	ng	0.00
86) Perylene-d12	15.69	264	391766	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	755009	85.23	ng	0.00
7) Phenol-d6	6.60	99	968997	84.61	ng	0.00
23) Nitrobenzene-d5	7.54	82	671630	75.09	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	156497	75.00	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1005555	68.49	ng	0.00
78) Terphenyl-d14	13.10	244	853573	55.13	ng	0.00
Target Compounds						
10) Phenol	6.61	94	28766	2.343	ng	87
49) Dimethylphthalate	9.72	163	198838	10.537	ng	# 98
74) Fluoranthene	12.72	202	63080	2.882	ng	95
77) Pyrene	12.96	202	58538	2.238	ng	94
83) Bis(2-ethylhexyl)phthalate	14.12	149	50229	3.679	ng	98

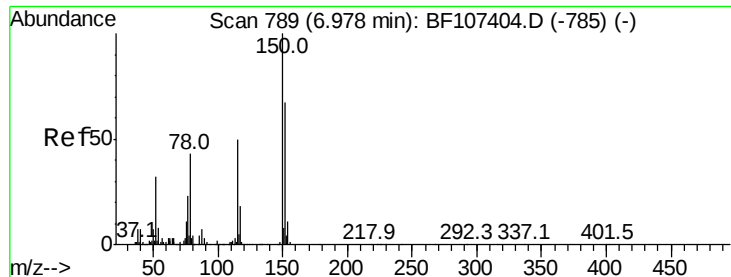
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF107415.D

Acq: 16 Jul 2018 21:06

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-1

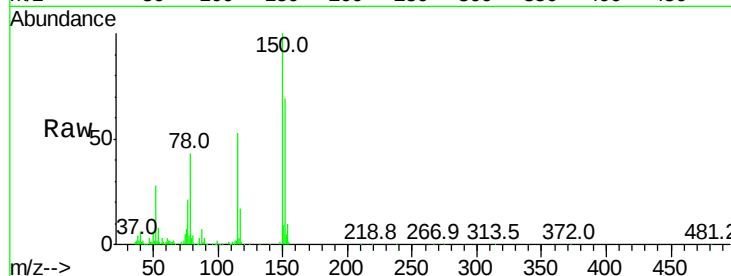
Tot Ion:152 Resp: 134535

Ion Ratio Lower Upper

152 100

150 145.7 124.6 186.8

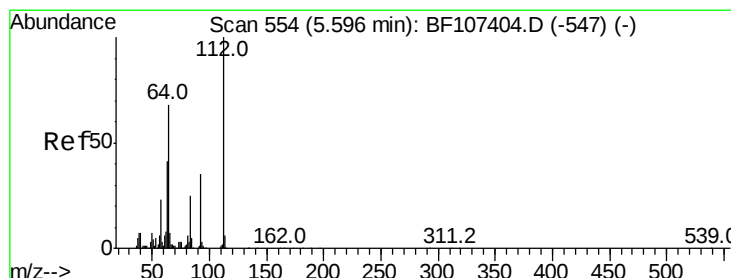
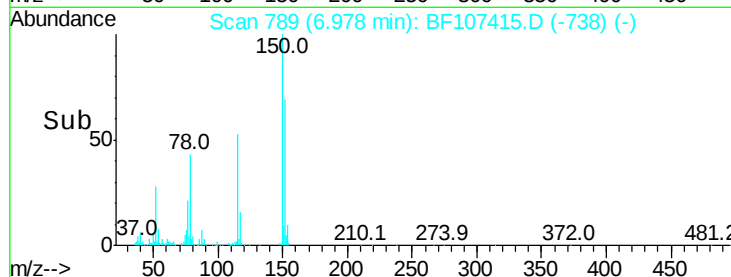
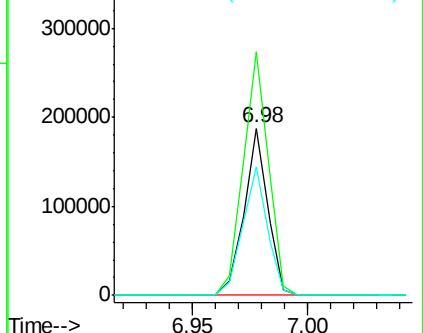
115 76.9 50.1 75.1#



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: 85.232 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF107415.D

Acq: 16 Jul 2018 21:06

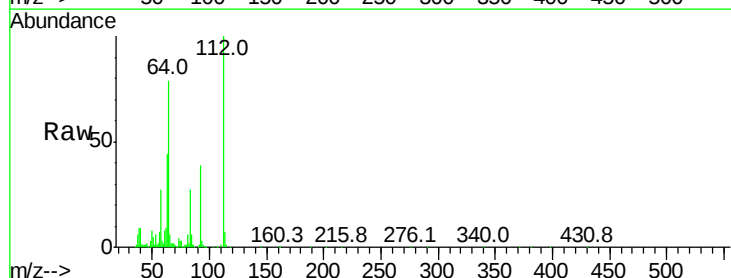
Tgt Ion:112 Resp: 755009

Ion Ratio Lower Upper

112 100

64 79.0 47.9 71.9#

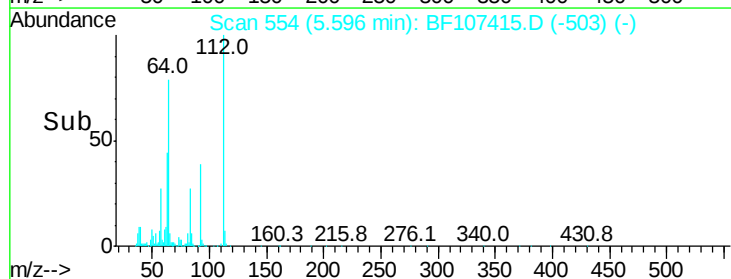
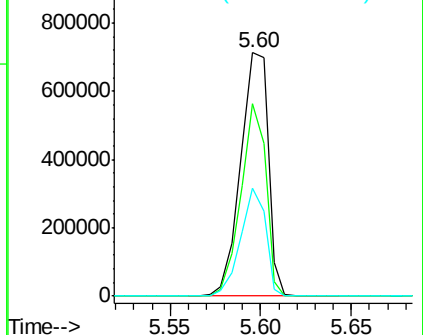
63 44.1 23.7 35.5#

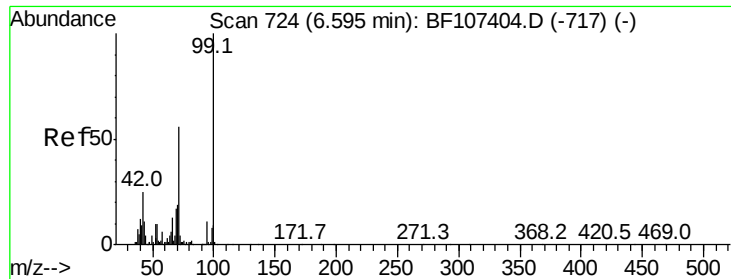


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 84.608 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF107415.D

Acq: 16 Jul 2018 21:06

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-1

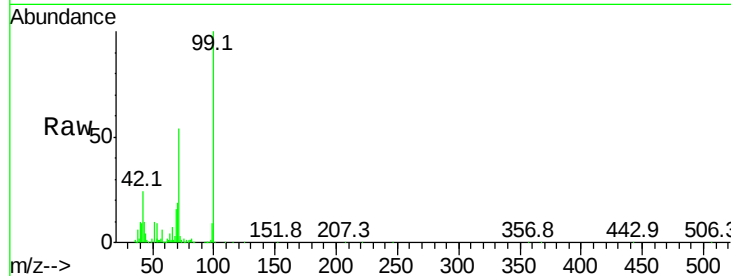
Tot Ion: 99 Resp: 968997

Ion Ratio Lower Upper

99 100

42 24.2 14.5 21.7#

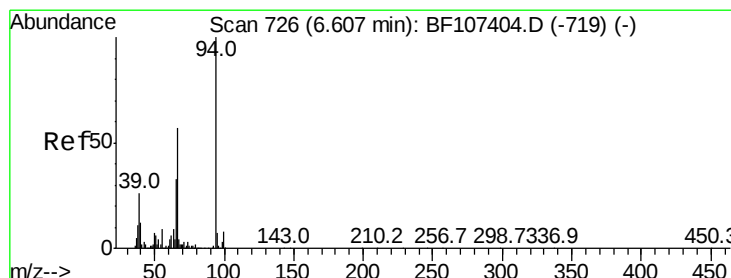
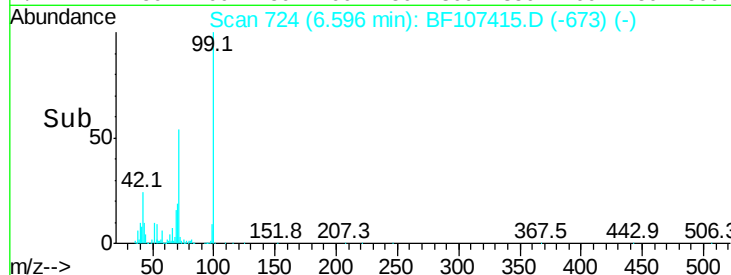
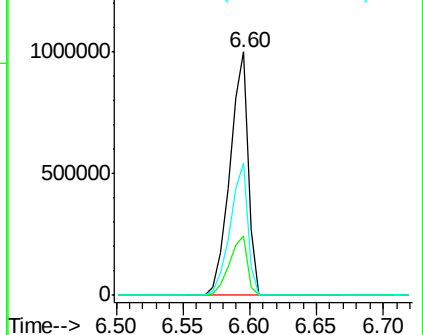
71 54.4 25.4 38.0#



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: 2.343 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107415.D

Acq: 16 Jul 2018 21:06

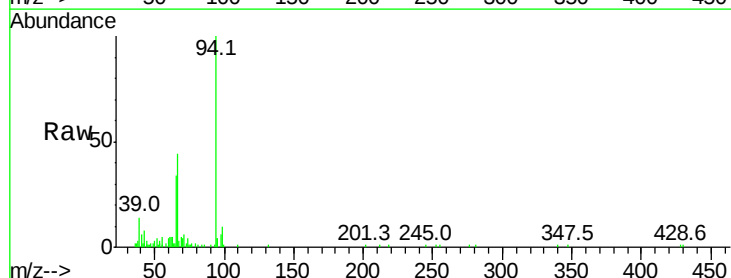
Tgt Ion: 94 Resp: 28766

Ion Ratio Lower Upper

94 100

65 34.0 7.9 47.9

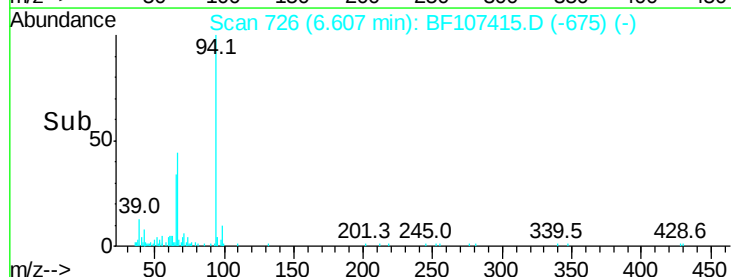
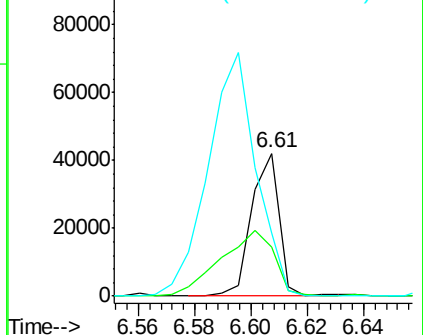
66 44.4 16.2 56.2

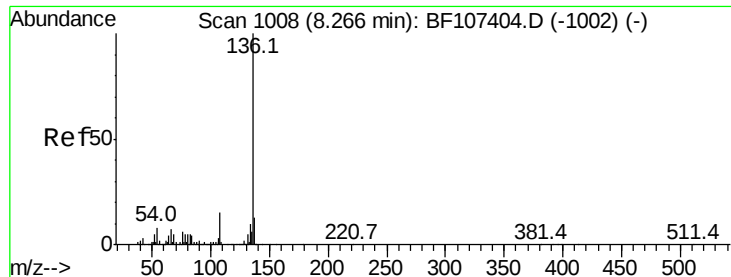


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF107415.D

Acq: 16 Jul 2018 21:06

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-1

Tot Ion:136 Resp: 476973

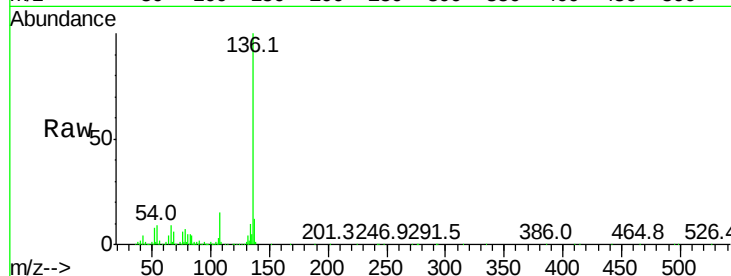
Ion Ratio Lower Upper

136 100

137 12.4 8.9 13.3

54 9.4 6.6 9.8

68 5.6 5.0 7.4

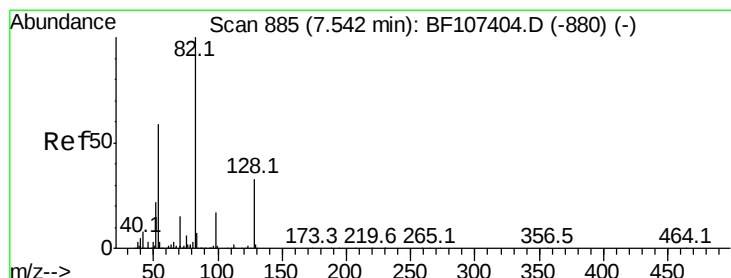
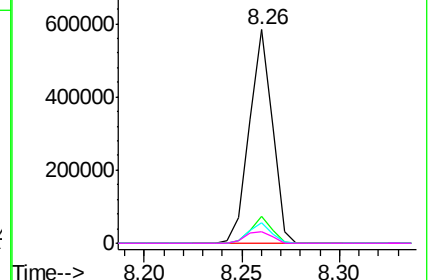
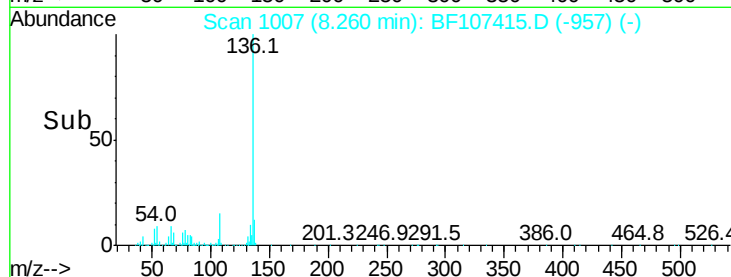


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.086 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF107415.D

Acq: 16 Jul 2018 21:06

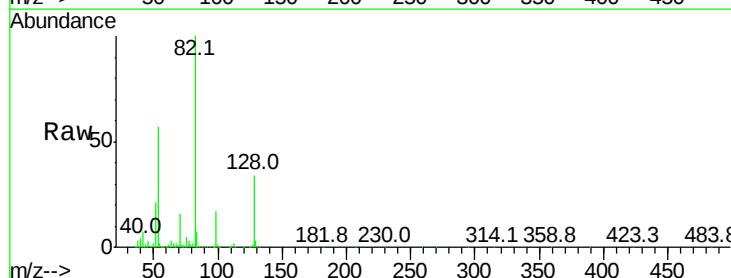
Tgt Ion: 82 Resp: 671630

Ion Ratio Lower Upper

82 100

128 34.5 36.1 54.1#

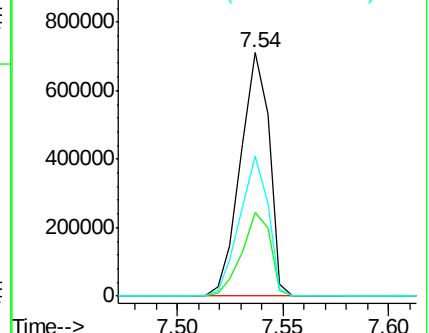
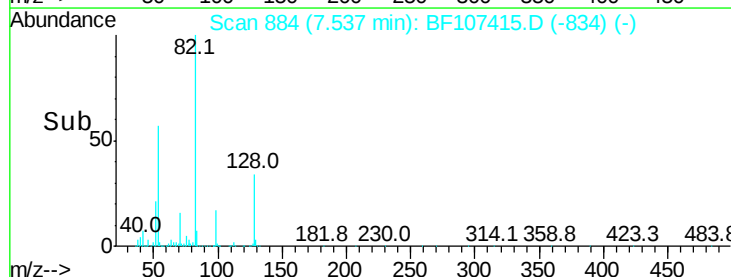
54 57.3 41.4 62.2

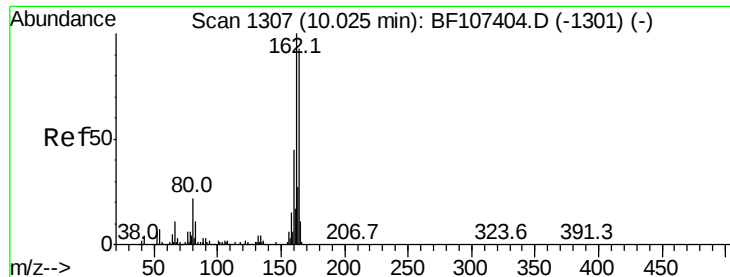


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 10.02 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF107415.D

Acq: 16 Jul 2018 21:06

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-1

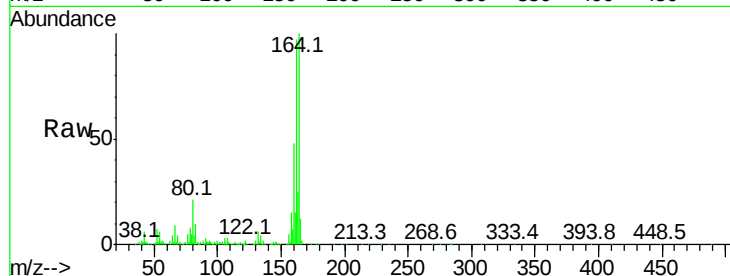
Tot Ion:164 Resp: 237505

Ion Ratio Lower Upper

164 100

162 97.2 86.1 129.1

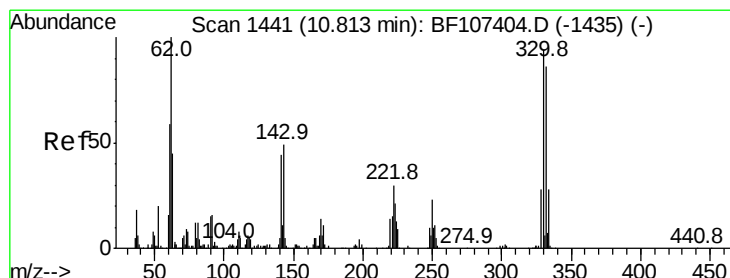
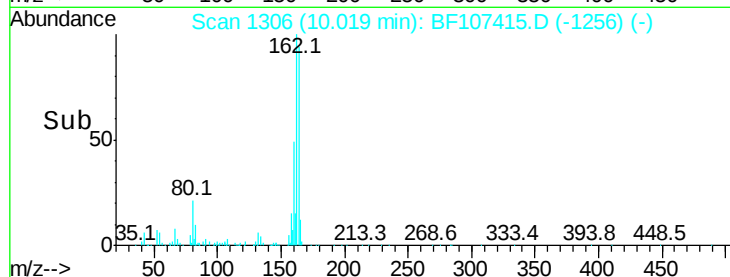
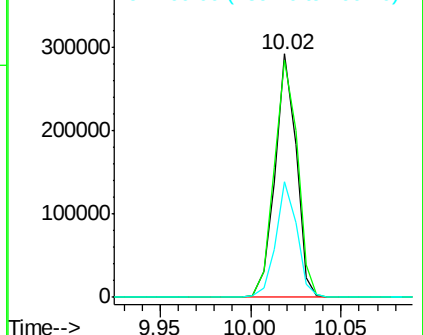
160 47.7 38.3 57.5



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: 74.995 ng

RT: 10.81 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF107415.D

Acq: 16 Jul 2018 21:06

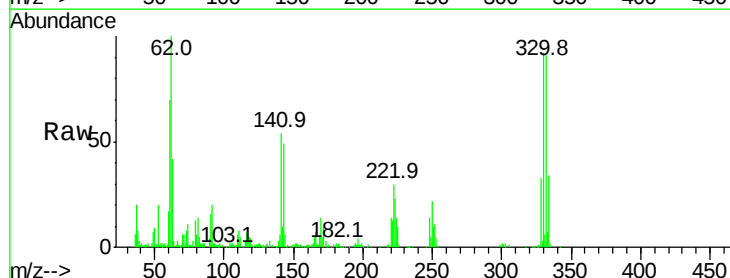
Tgt Ion:330 Resp: 156497

Ion Ratio Lower Upper

330 100

332 102.7 77.0 115.6

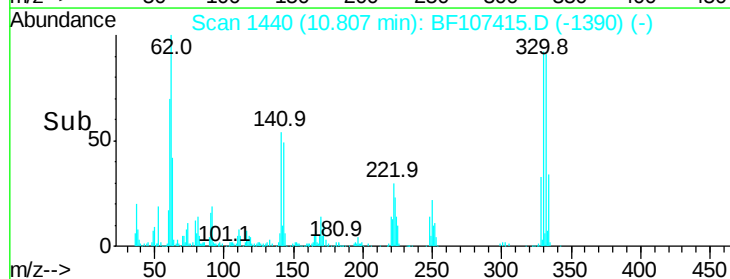
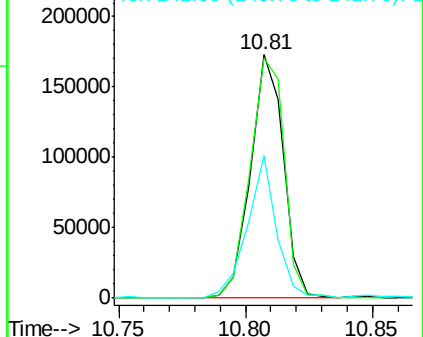
141 52.0 29.9 44.9#

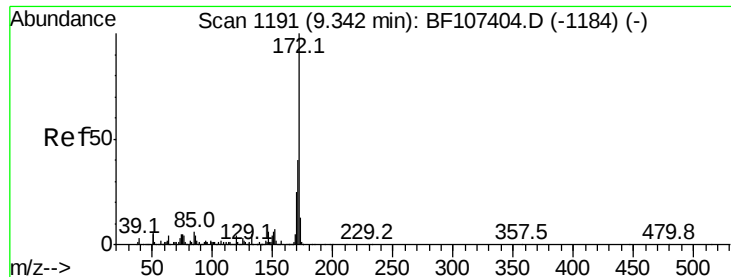


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

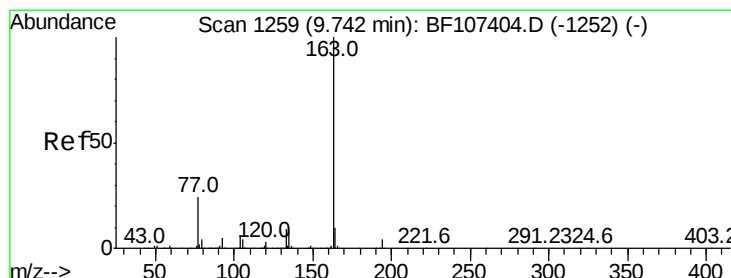
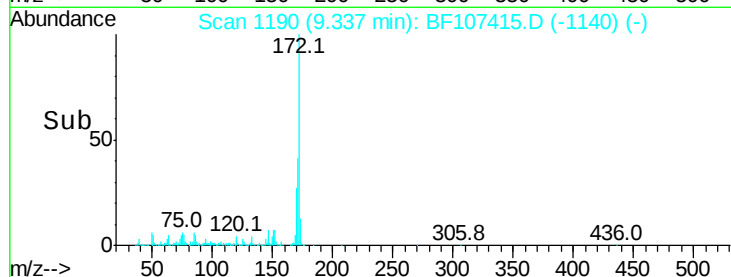
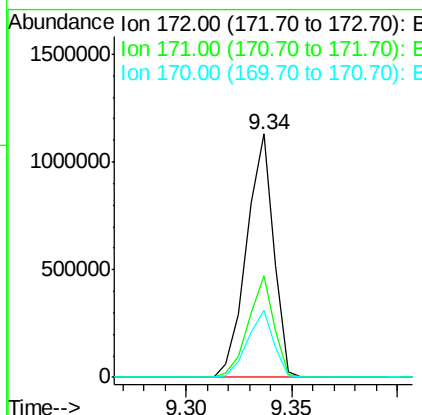
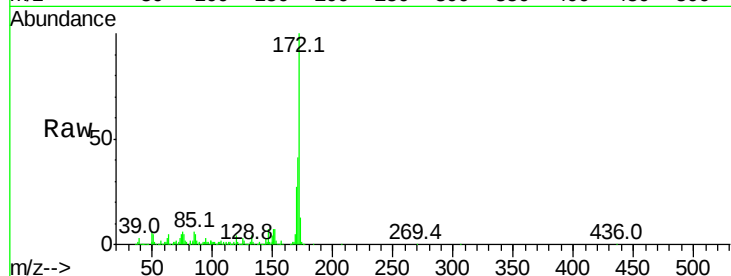




#44
2-Fluorobiphenyl
Concen: 68.486 ng
RT: 9.34 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF107415.D
Acq: 16 Jul 2018 21:06

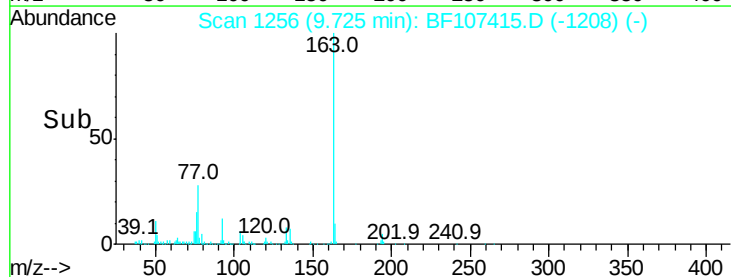
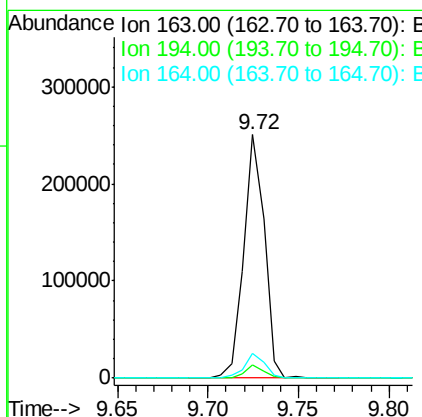
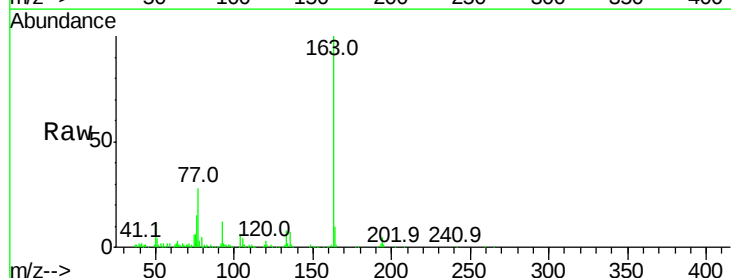
Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

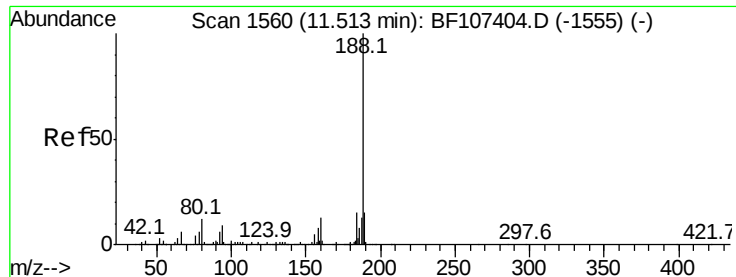
Tot Ion:172 Resp: 1005555
Ion Ratio Lower Upper
172 100
171 41.5 29.7 44.5
170 27.4 19.6 29.4



#49
Dimethylphthalate
Concen: 10.537 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF107415.D
Acq: 16 Jul 2018 21:06

Tgt Ion:163 Resp: 198838
Ion Ratio Lower Upper
163 100
194 5.3 2.7 4.1#
164 10.3 8.2 12.2

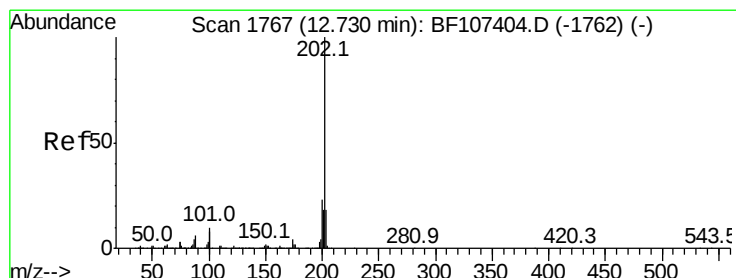
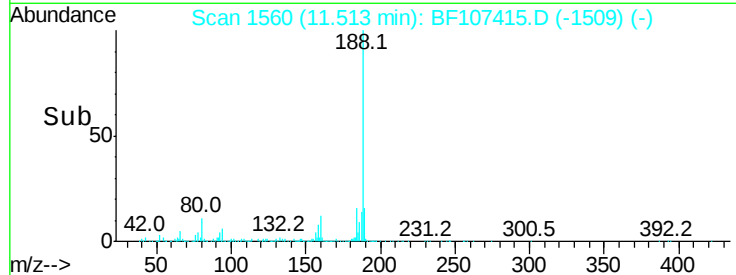
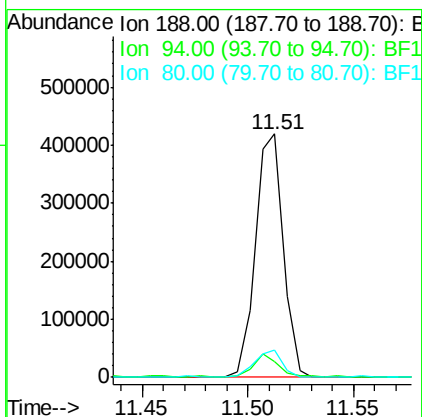
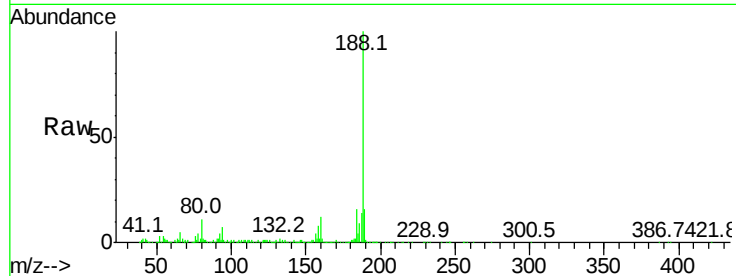




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107415.D
Acq: 16 Jul 2018 21:06

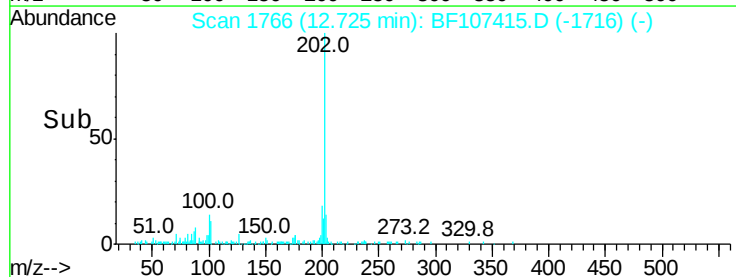
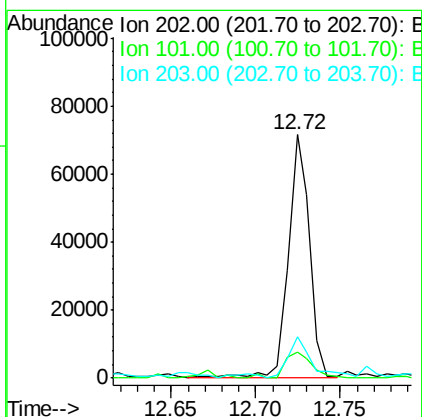
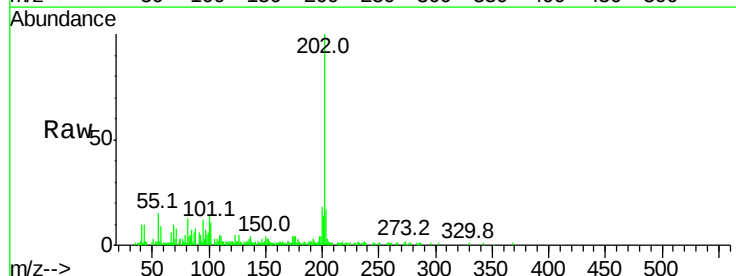
Instrument :
BNA_F
ClientSampled :
LS-SOIL-1

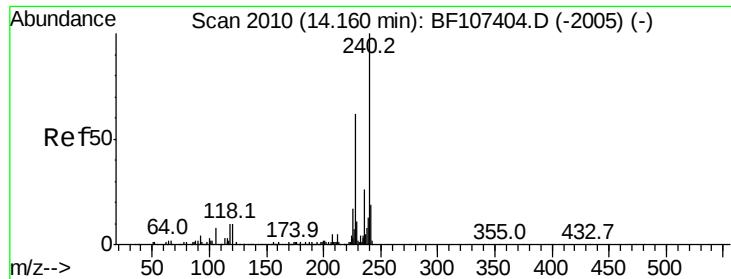
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.6	8.5	12.7#
80	11.1	9.2	13.8



#74
Fluoranthene
Concen: 2.882 ng
RT: 12.72 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BF107415.D
Acq: 16 Jul 2018 21:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	16.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF107415.D

Acq: 16 Jul 2018 21:06

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-1

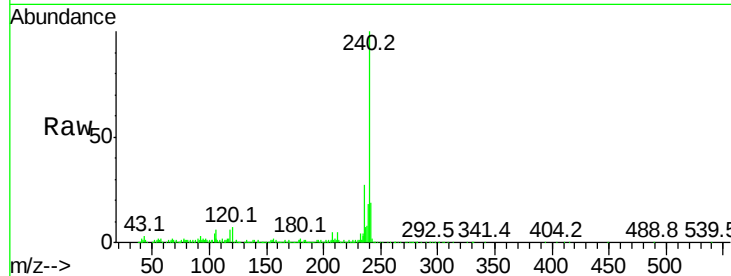
Tot Ion:240 Resp: 384657

Ion Ratio Lower Upper

240 100

120 7.4 9.5 14.3#

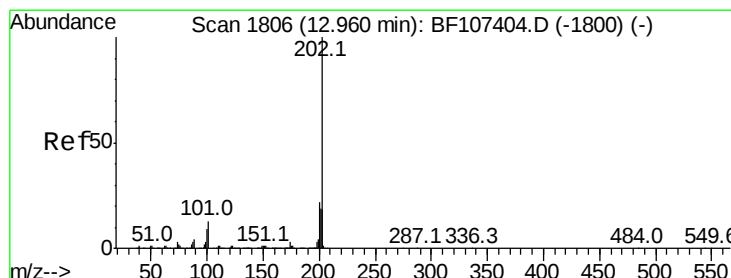
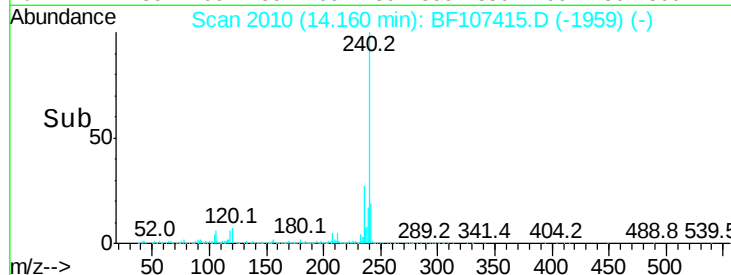
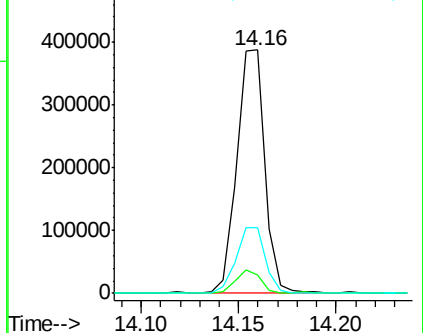
236 26.9 20.7 31.1



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: 2.238 ng

RT: 12.96 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF107415.D

Acq: 16 Jul 2018 21:06

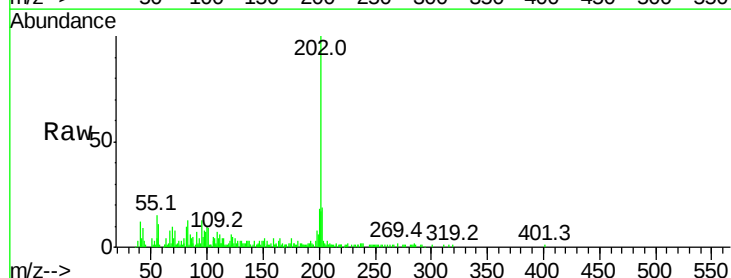
Tgt Ion:202 Resp: 58538

Ion Ratio Lower Upper

202 100

200 17.8 17.4 26.2

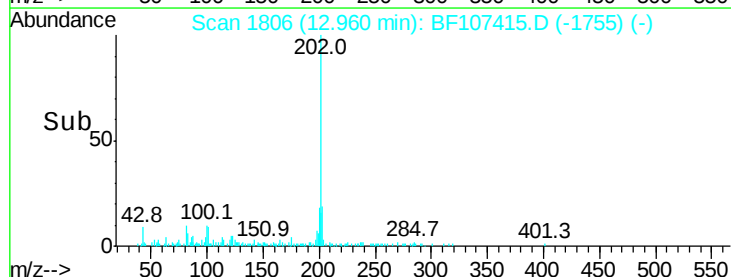
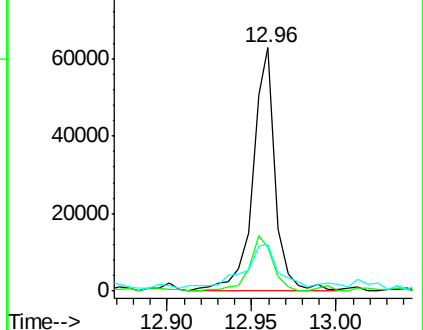
203 19.1 14.3 21.5

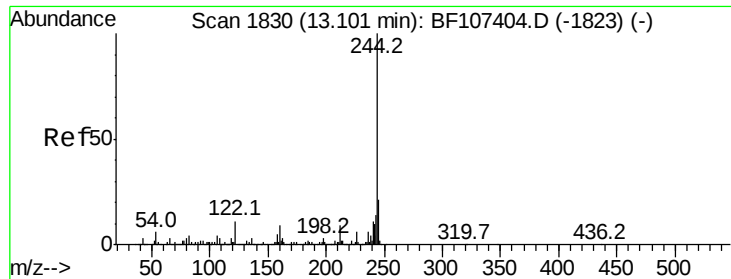


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 55.134 ng

RT: 13.10 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF107415.D

Acq: 16 Jul 2018 21:06

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-1

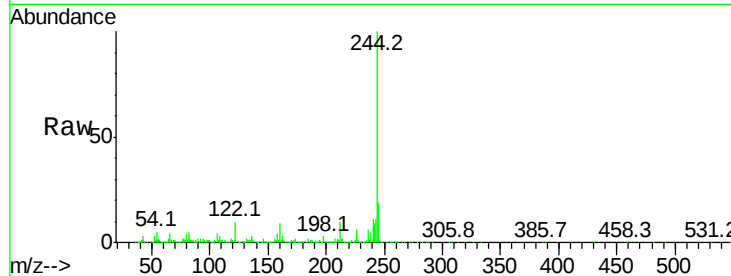
Tot Ion:244 Resp: 853573

Ion Ratio Lower Upper

244 100

212 9.5 5.4 8.0#

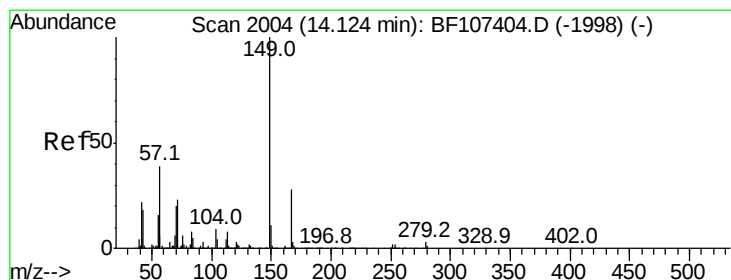
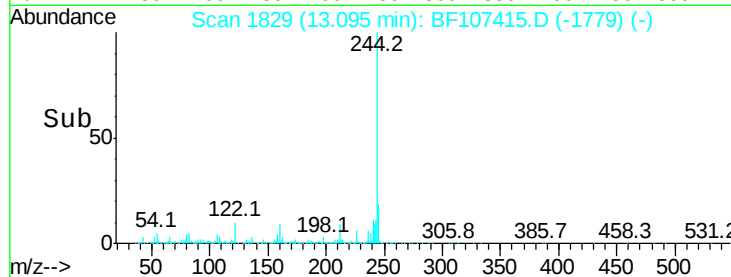
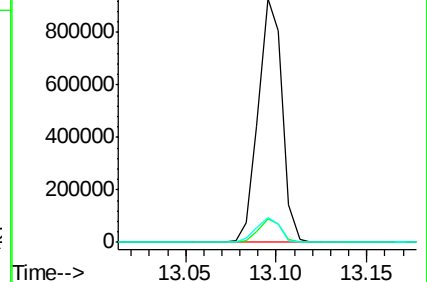
122 10.3 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.679 ng

RT: 14.12 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF107415.D

Acq: 16 Jul 2018 21:06

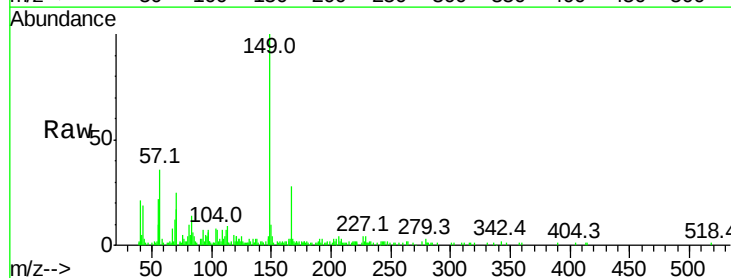
Tgt Ion:149 Resp: 50229

Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

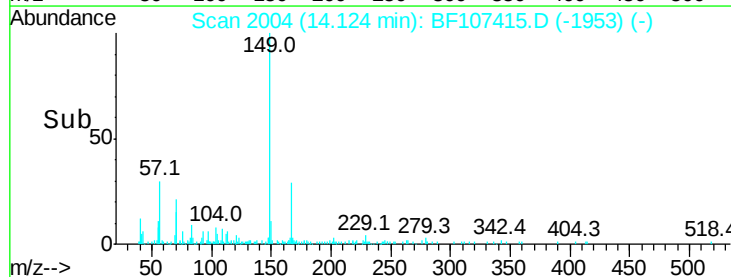
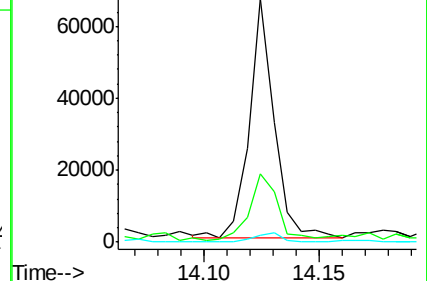
279 3.0 3.0 4.4

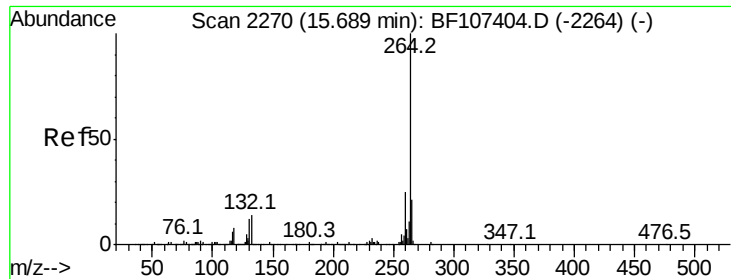


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107415.D
Acq: 16 Jul 2018 21:06

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.5	19.2	28.8
265	21.8	17.5	26.3

