

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107538.D
 Acq On : 20 Jul 2018 21:51
 Operator : JU/SJ
 Sample : J4057-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-4

Quant Time: Jul 23 10:35:19 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

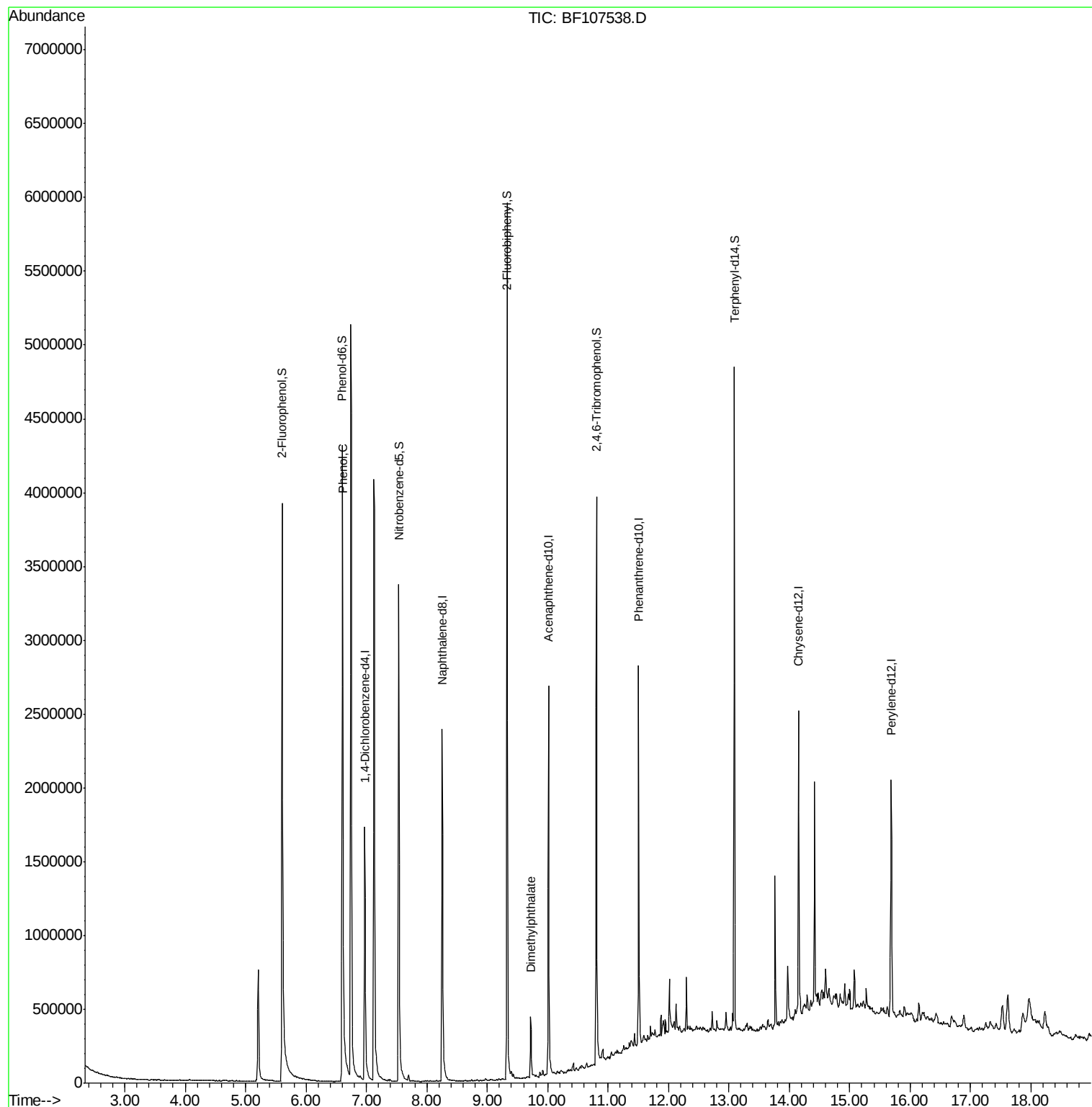
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	321617	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1251071	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	538738	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	953280	20.00	ng	0.00
75) Chrysene-d12	14.15	240	676302	20.00	ng	-0.01
86) Perylene-d12	15.69	264	793108	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1658689	82.92	ng	0.00
7) Phenol-d6	6.60	99	2014369	83.87	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1223814	66.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	517835	84.53	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	2022030	58.82	ng	0.00
78) Terphenyl-d14	13.09	244	1529218	57.89	ng	-0.01
Target Compounds						
10) Phenol	6.61	94	84014	2.974	ng	Qvalue # 49
49) Dimethylphthalate	9.72	163	180424	4.444	ng	100

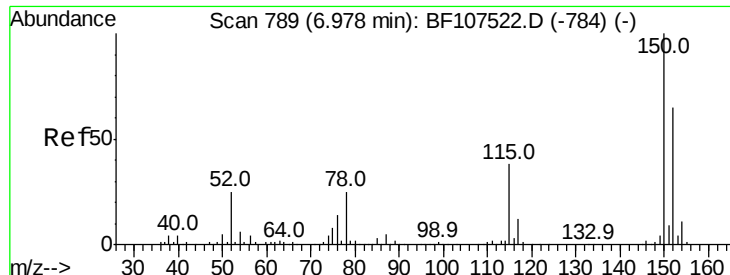
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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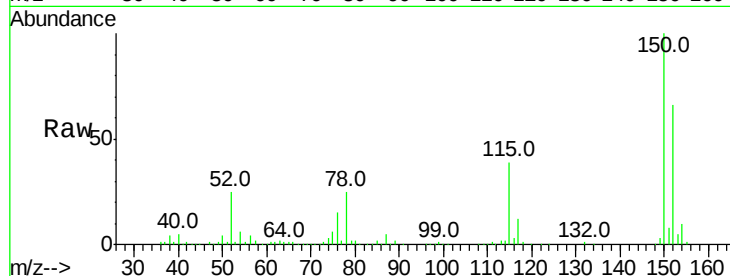


#1

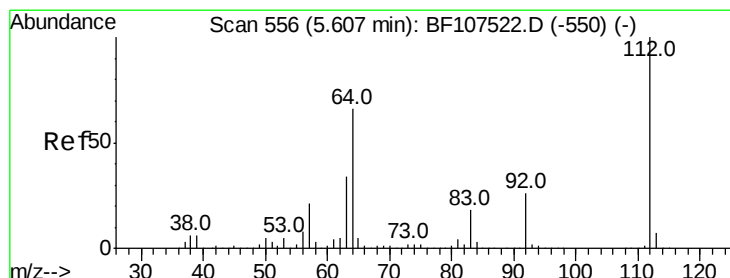
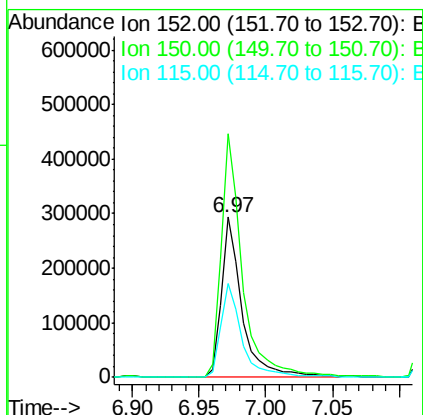
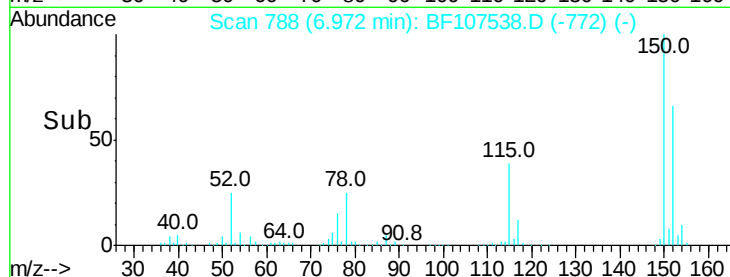
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107538.D
 Acq: 20 Jul 2018 21:51

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.6	186.8
115	58.9	50.1	75.1



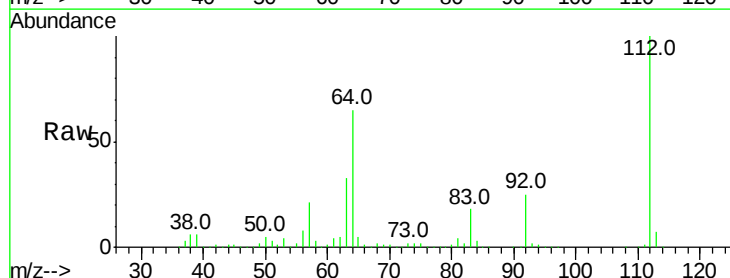
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



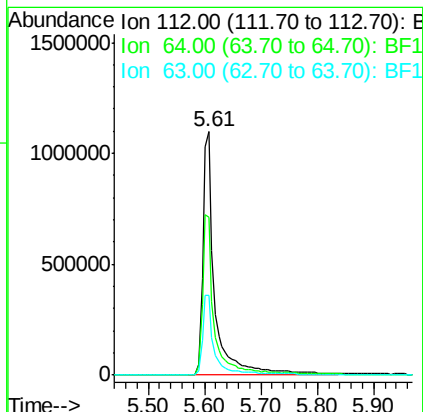
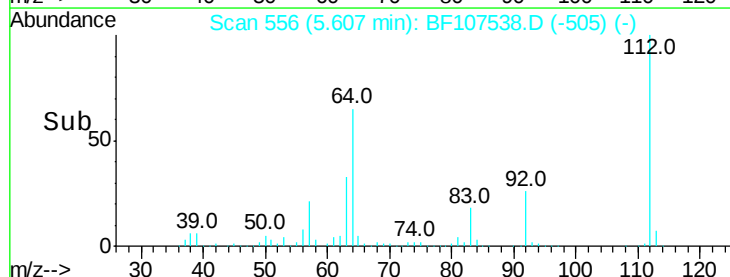
#5

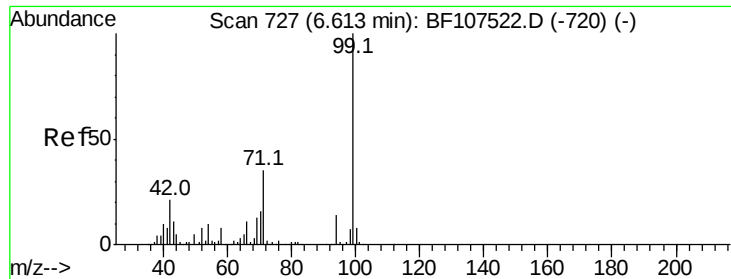
2-Fluorophenol
 Concen: 82.920 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF107538.D
 Acq: 20 Jul 2018 21:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	47.9	71.9
63	32.9	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: 83.866 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107538.D

Acq: 20 Jul 2018 21:51

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-4

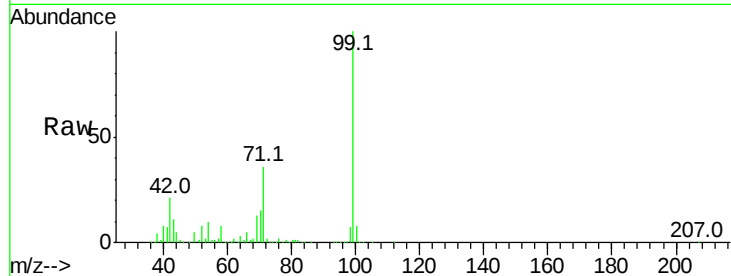
Tot Ion: 99 Resp: 2014369

Ion Ratio Lower Upper

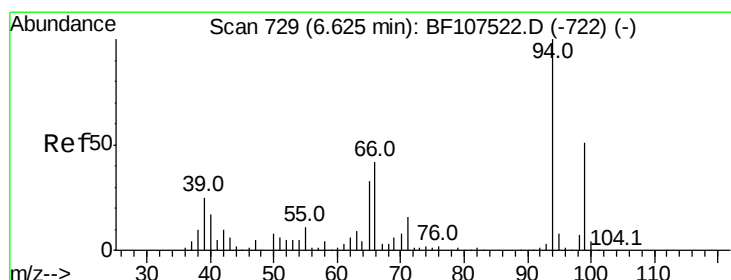
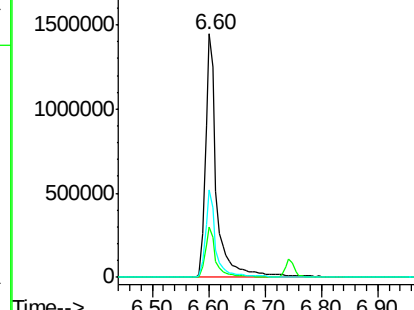
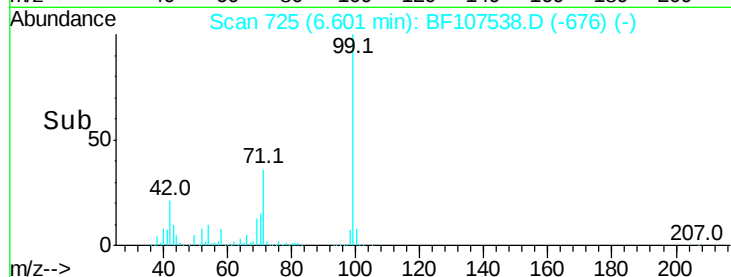
99 100

42 20.8 14.5 21.7

71 36.0 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: 2.974 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107538.D

Acq: 20 Jul 2018 21:51

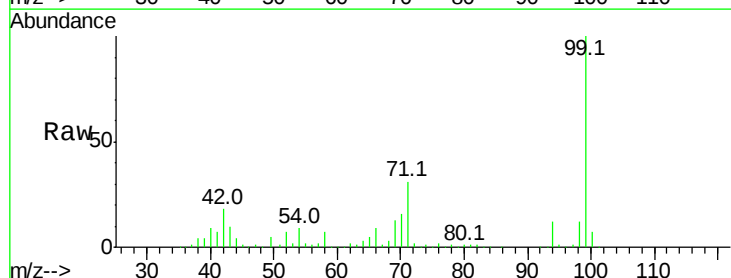
Tgt Ion: 94 Resp: 84014

Ion Ratio Lower Upper

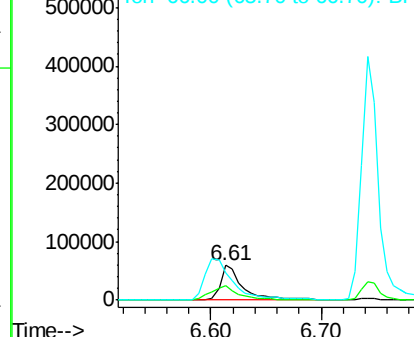
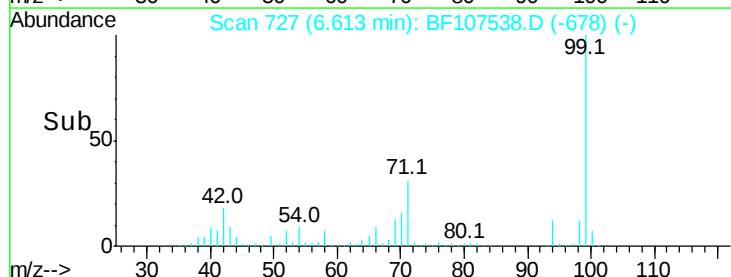
94 100

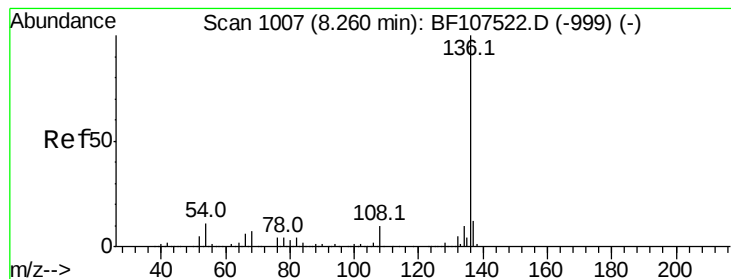
65 40.5 7.9 47.9

66 78.5 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: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107538.D

Acq: 20 Jul 2018 21:51

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-4

Tot Ion:136 Resp: 1251071

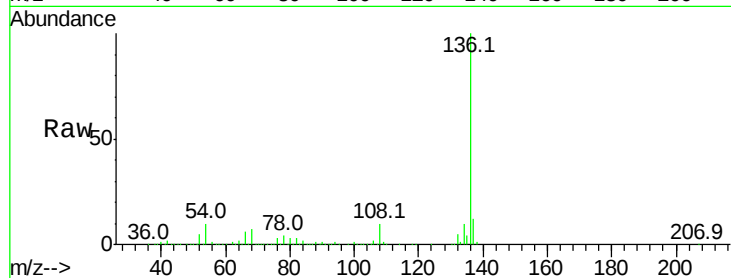
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 10.4 6.6 9.8#

68 6.5 5.0 7.4

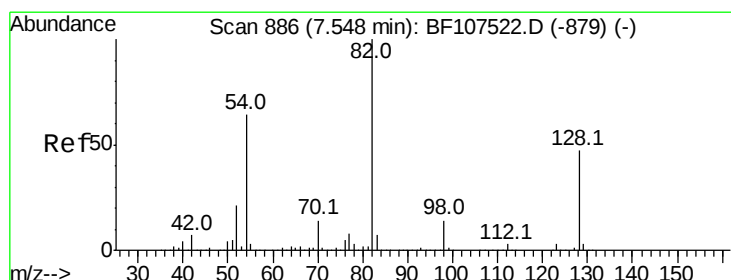
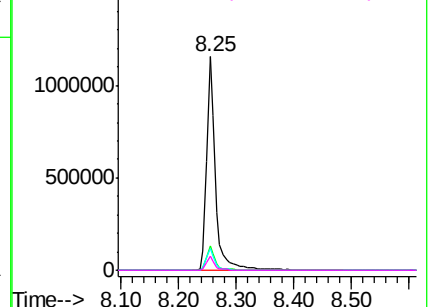
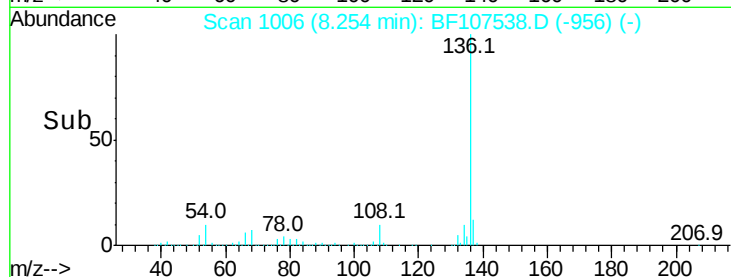


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.017 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF107538.D

Acq: 20 Jul 2018 21:51

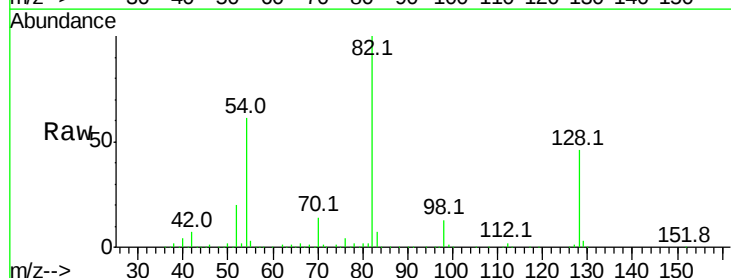
Tgt Ion: 82 Resp: 1223814

Ion Ratio Lower Upper

82 100

128 46.4 36.1 54.1

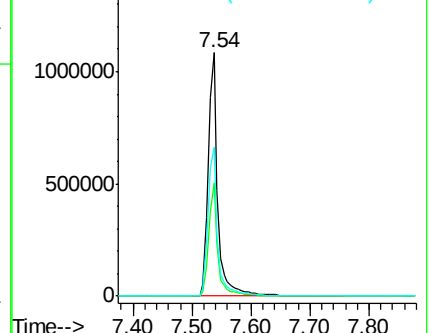
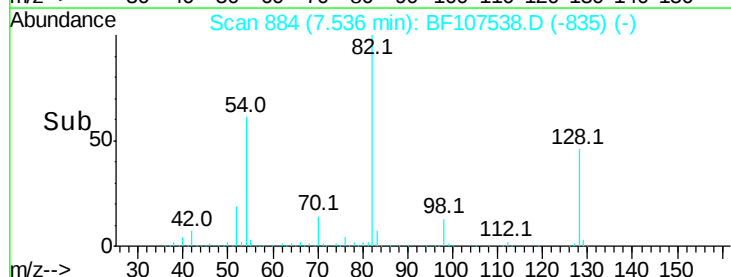
54 61.3 41.4 62.2

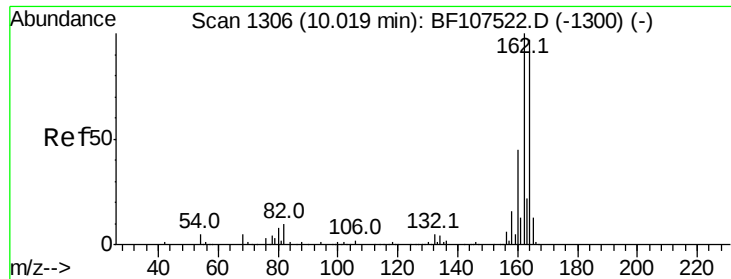


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

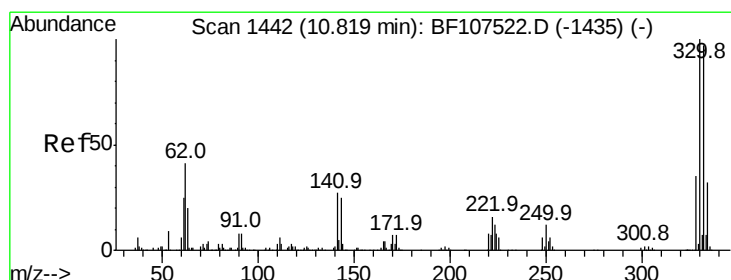
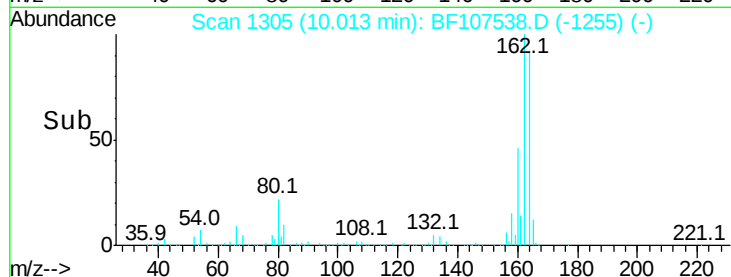
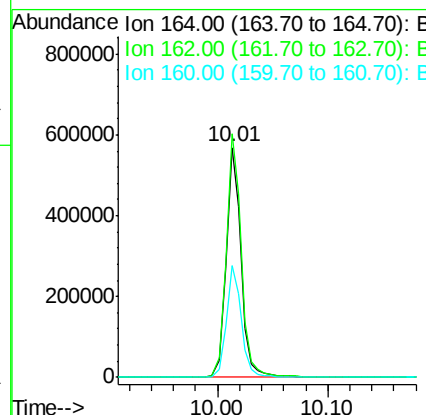
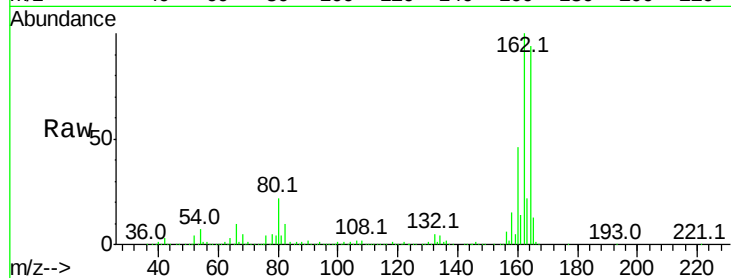




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF107538.D
 Acq: 20 Jul 2018 21:51

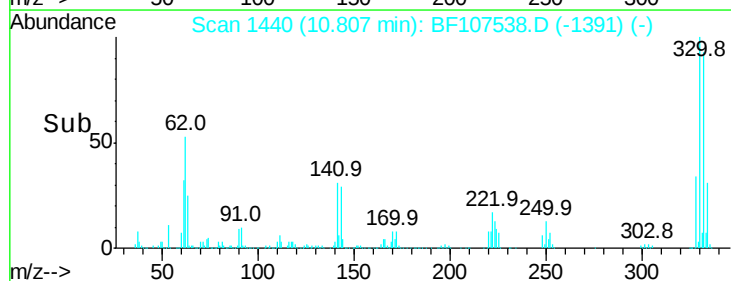
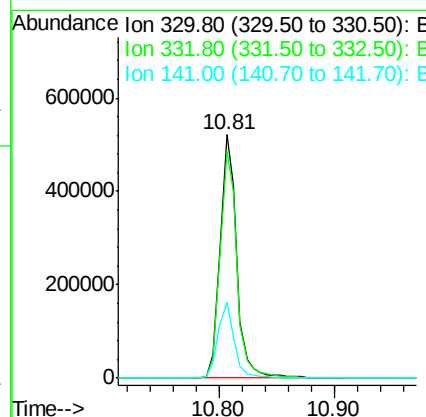
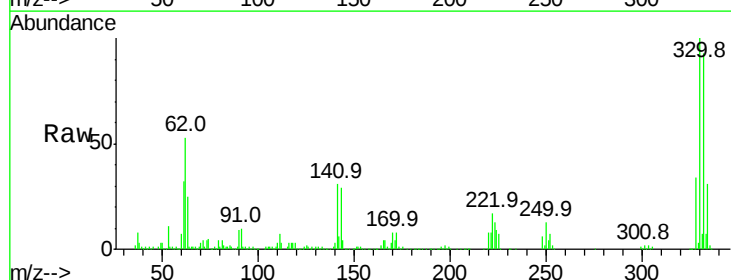
Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-4

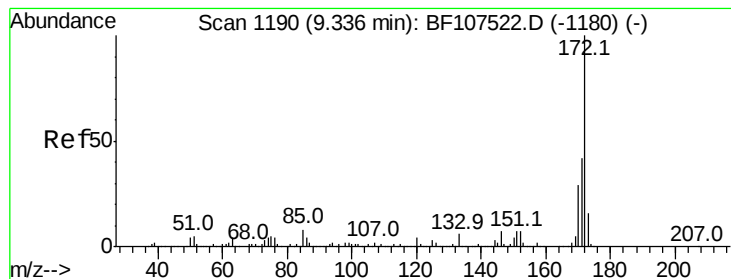
Tot Ion:164 Resp: 538738
 Ion Ratio Lower Upper
 164 100
 162 105.9 86.1 129.1
 160 48.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 84.527 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107538.D
 Acq: 20 Jul 2018 21:51

Tgt Ion:330 Resp: 517835
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 30.3 29.9 44.9



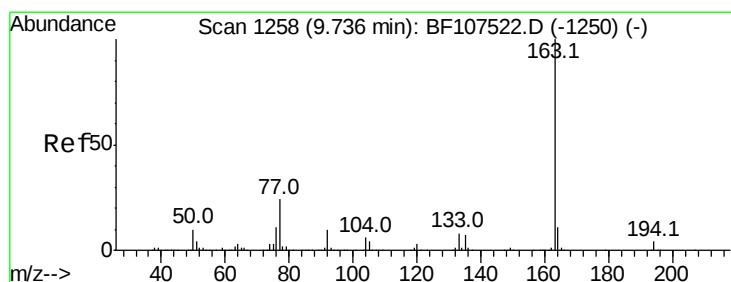
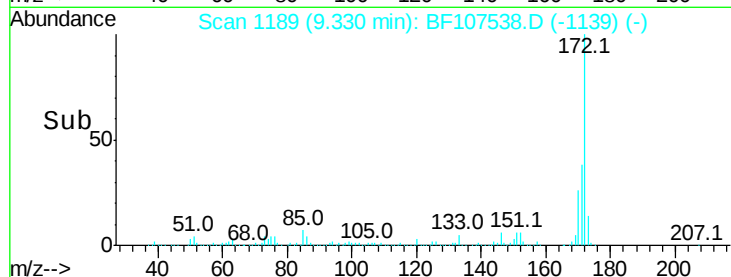
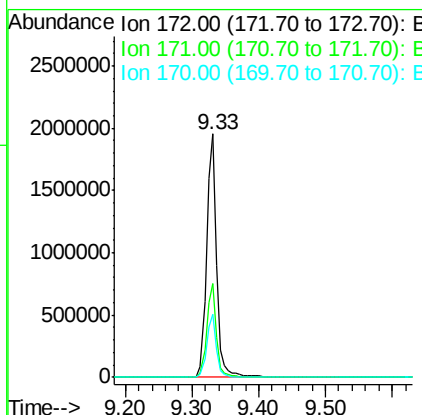
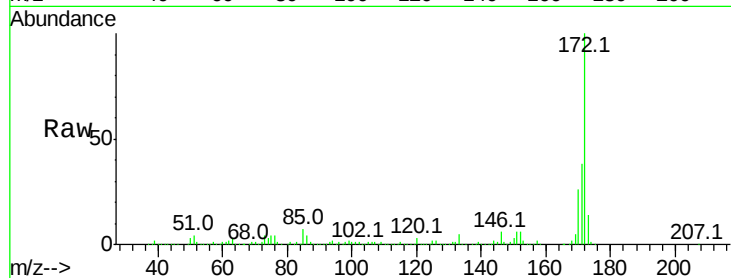


#44
 2-Fluorobiphenyl
 Concen: 58.823 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107538.D
 Acq: 20 Jul 2018 21:51

Instrument :
 BNA_F
 ClientSampled :
 LS-SOIL-4

Tot Ion:172 Resp: 2022030

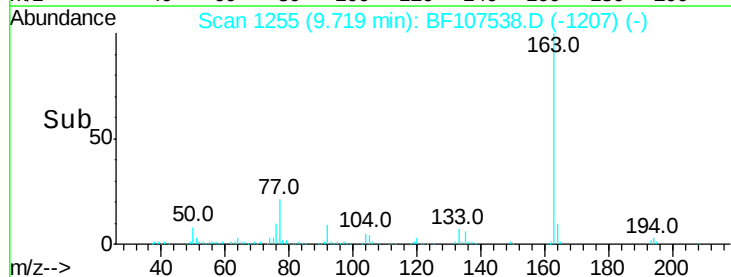
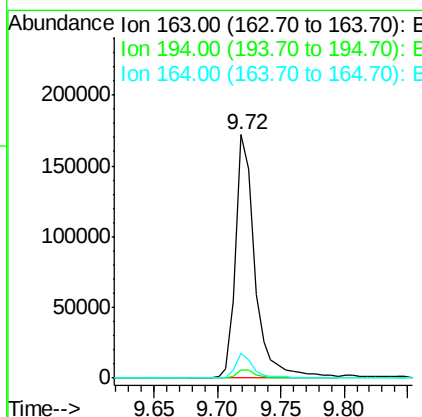
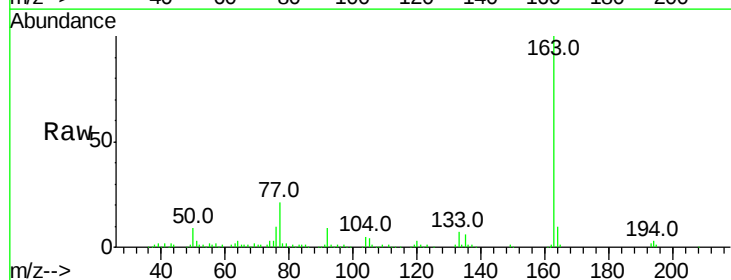
Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.7	44.5
170	25.8	19.6	29.4

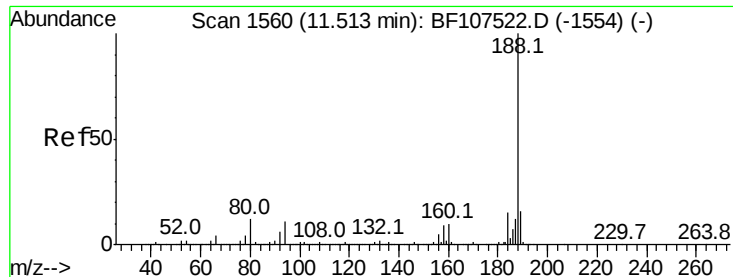


#49
 Dimethylphthalate
 Concen: 4.444 ng
 RT: 9.72 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF107538.D
 Acq: 20 Jul 2018 21:51

Tgt Ion:163 Resp: 180424

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.2	8.2	12.2

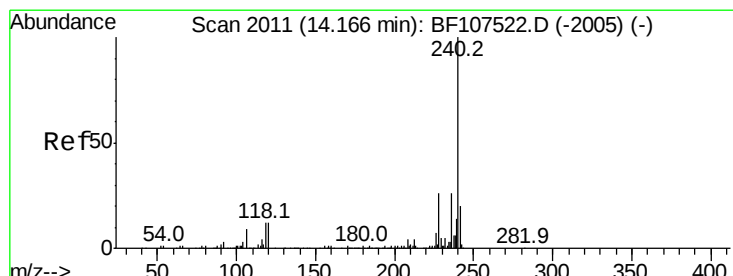
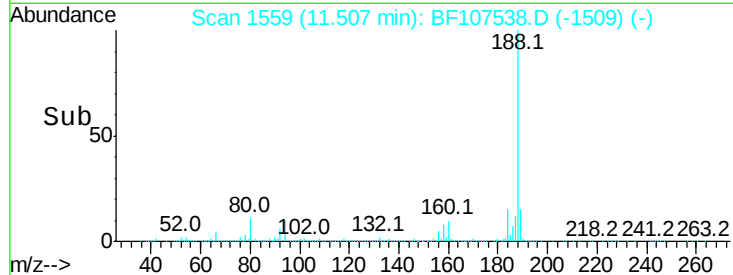
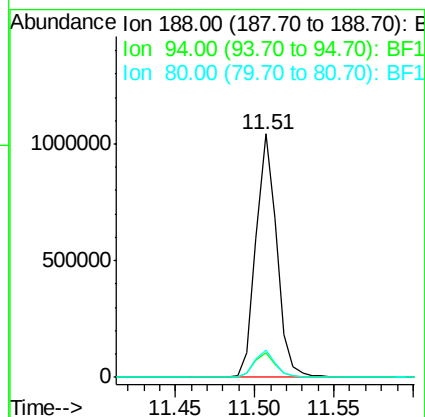
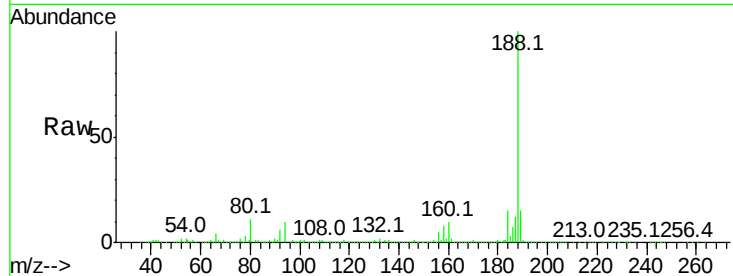




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107538.D
Acq: 20 Jul 2018 21:51

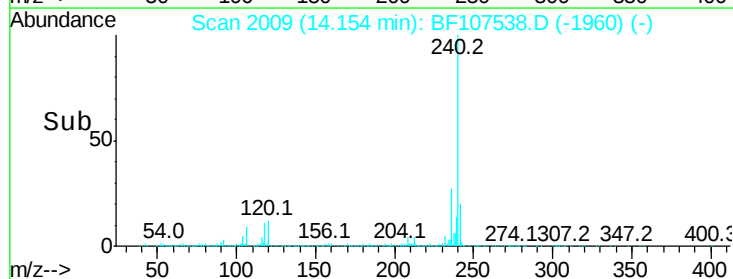
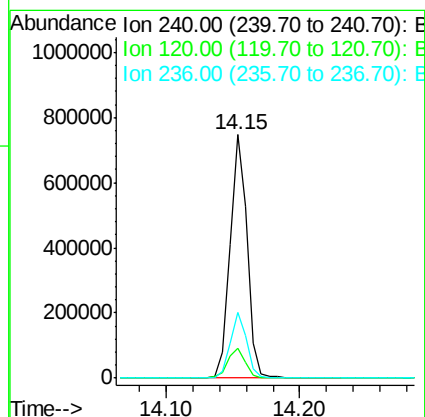
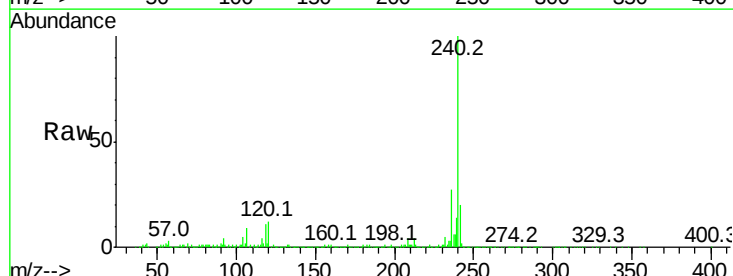
Instrument :
BNA_F
ClientSampleId :
LS-SOIL-4

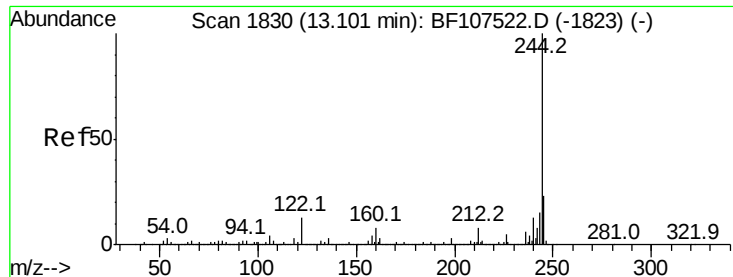
Tot Ion:188 Resp: 953280
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107538.D
Acq: 20 Jul 2018 21:51

Tgt Ion:240 Resp: 676302
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 26.9 20.7 31.1

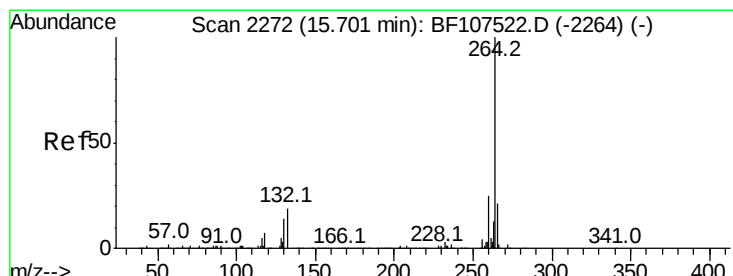
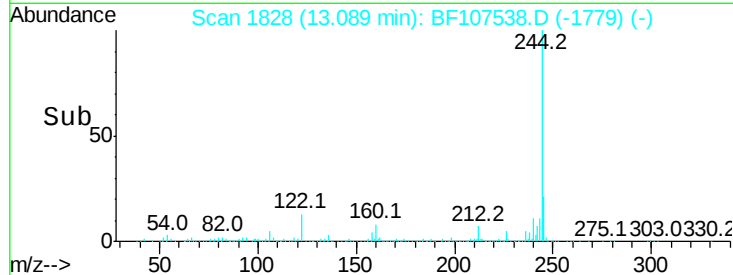
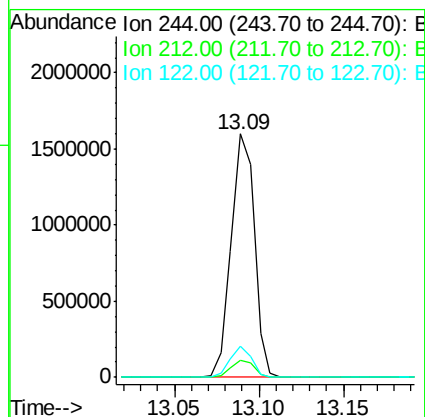
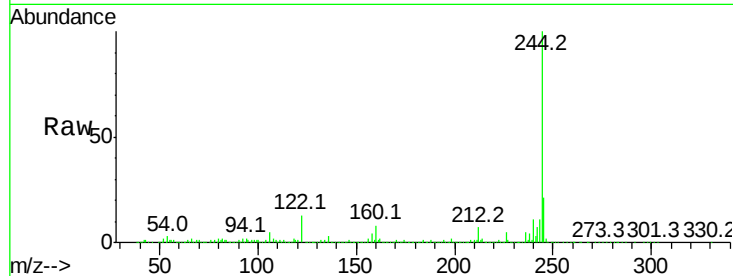




#78
 Terphenyl-d14
 Concen: 57.887 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF107538.D
 Acq: 20 Jul 2018 21:51

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-4

Tot Ion:244 Resp: 1529218
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF107538.D
 Acq: 20 Jul 2018 21:51

Tgt Ion:264 Resp: 793108
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.5 17.5 26.3

