

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
 Data File : BF107222.D
 Acq On : 9 Jul 2018 12:21
 Operator : JU/SJ
 Sample : J3852-01DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-1DL

Quant Time: Jul 09 13:05:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

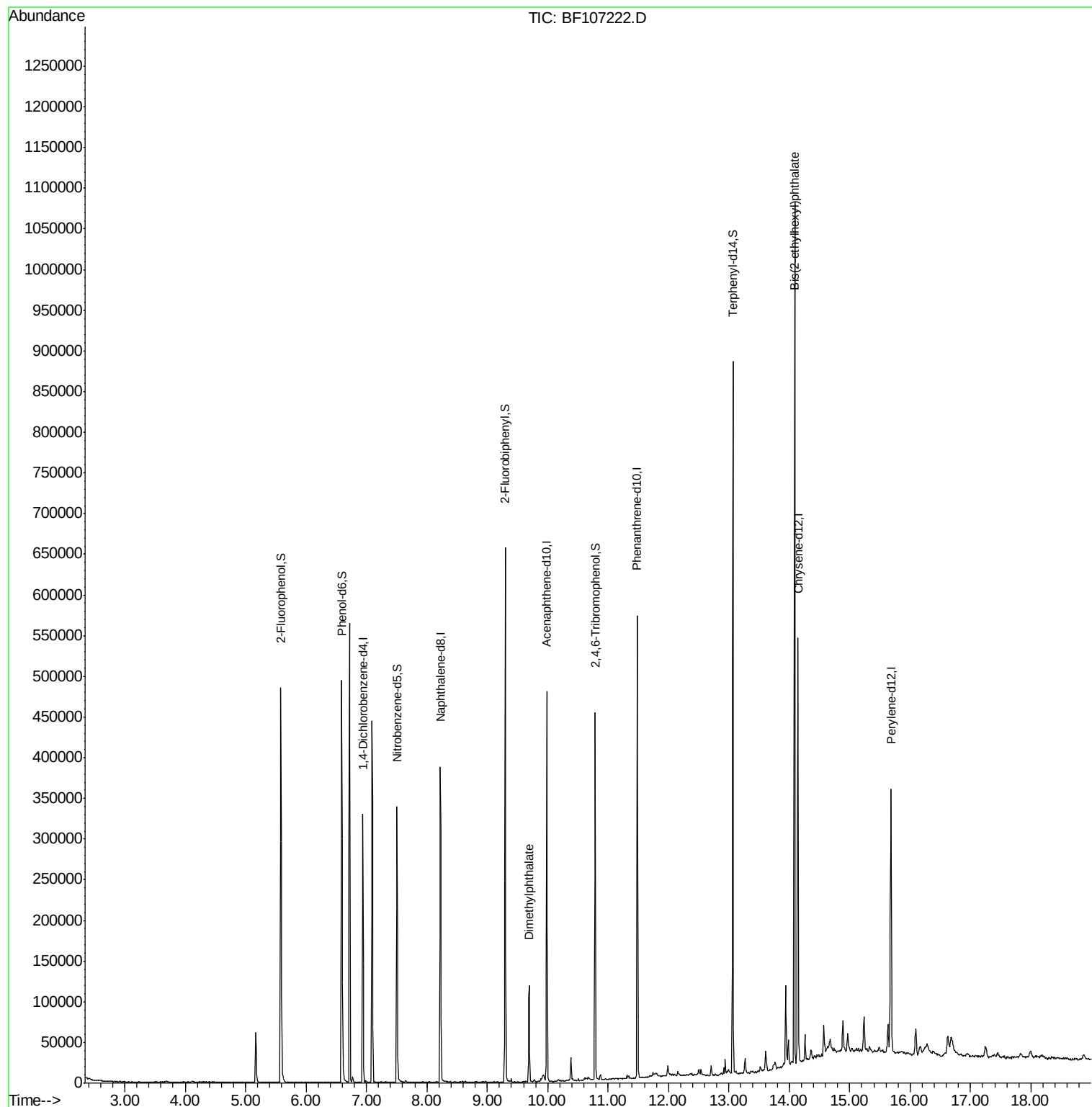
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	46694	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	189155	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	100057	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	209725	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	181432	20.00	ng	-0.02
86) Perylene-d12	15.68	264	167937	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	142455	51.66	ng	-0.02
7) Phenol-d6	6.59	99	183062	53.16	ng	-0.02
23) Nitrobenzene-d5	7.51	82	111127	32.65	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	65234	56.25	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	230840	29.40	ng	-0.03
78) Terphenyl-d14	13.07	244	305112	40.74	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	51724	6.892	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	336805	53.556	ng	# 95

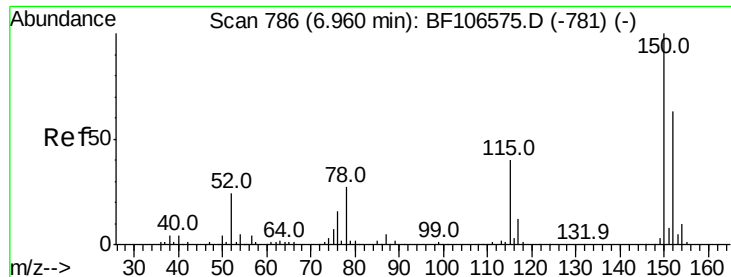
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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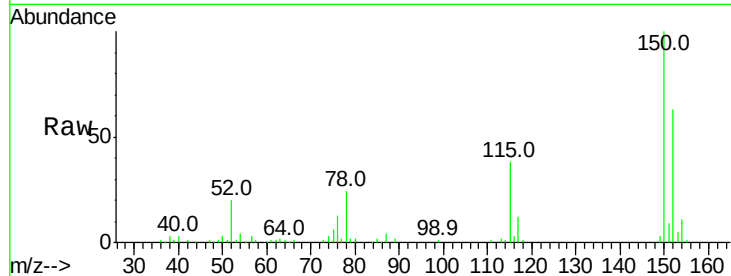


#1

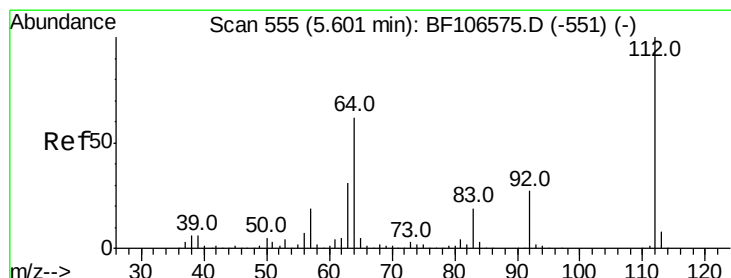
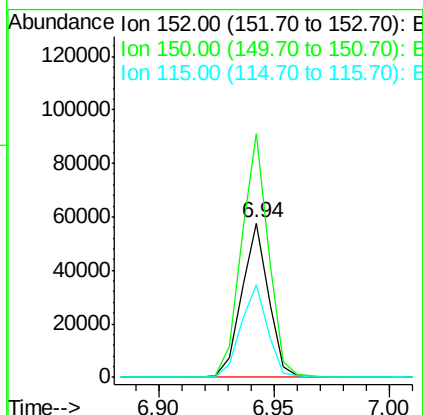
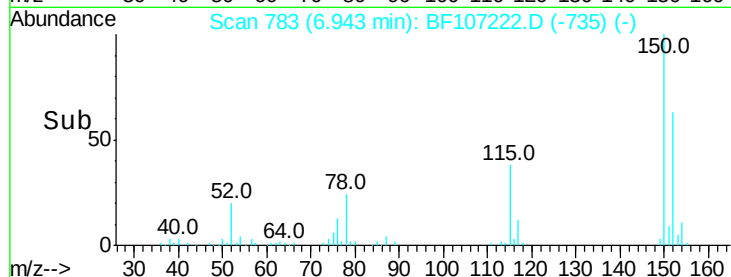
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107222.D
Acq: 9 Jul 2018 12:21

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-1DL

Tot Ion:152 Resp: 46694
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 60.4 50.1 75.1



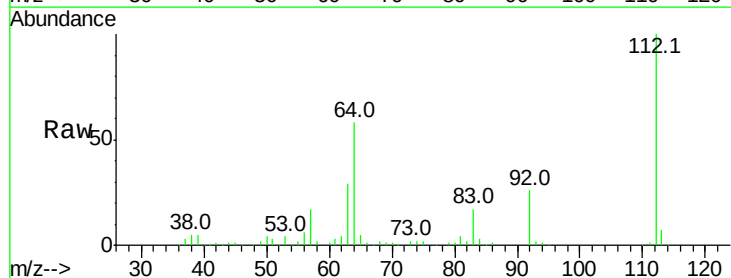
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



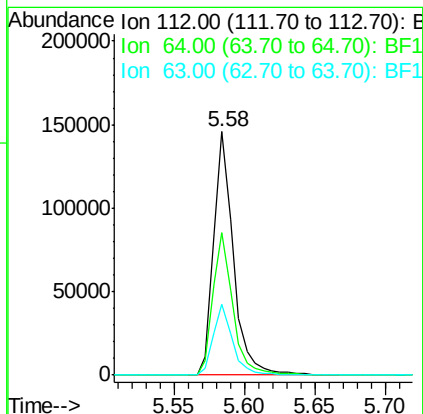
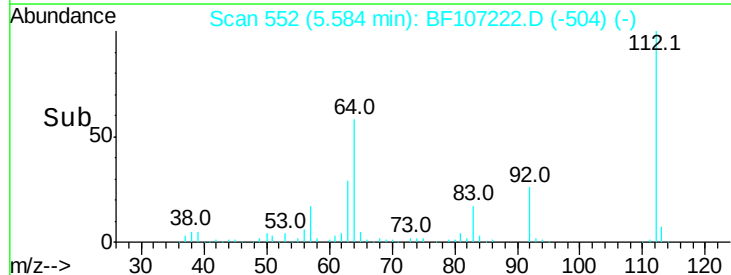
#5

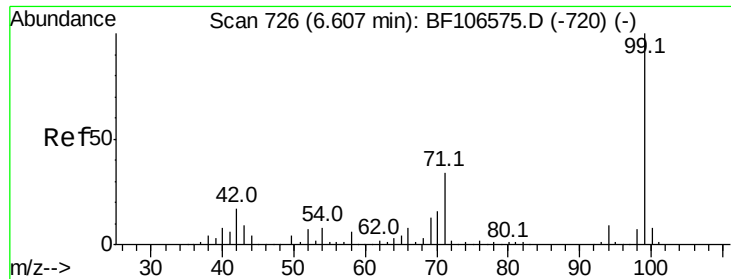
2-Fluorophenol
Concen: 51.660 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107222.D
Acq: 9 Jul 2018 12:21

Tgt Ion:112 Resp: 142455
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 29.0 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: 53.159 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107222.D

Acq: 9 Jul 2018 12:21

Instrument :

BNA_F

ClientSampleID :

HC-SOIL-1DL

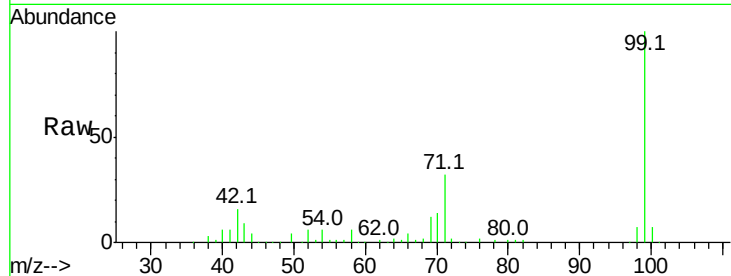
Tot Ion: 99 Resp: 183062

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

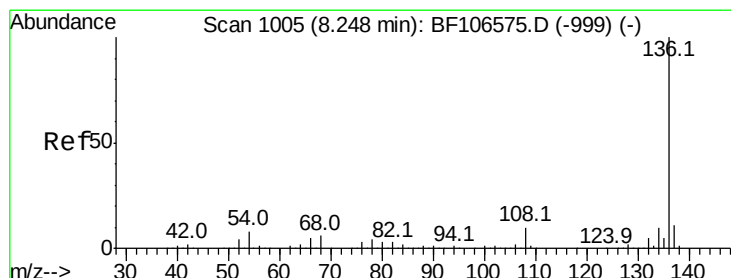
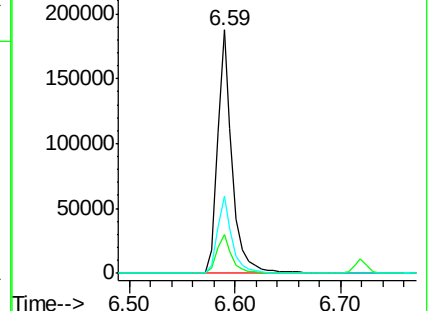
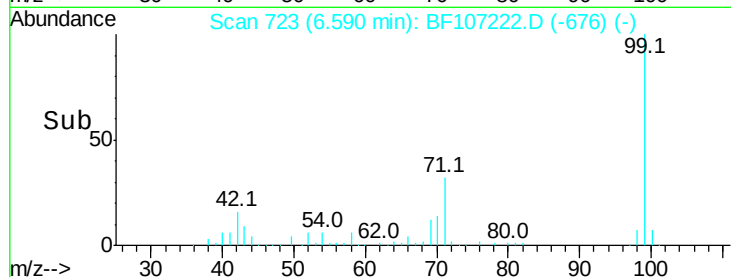
71 31.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF107222.D

Acq: 9 Jul 2018 12:21

Tgt Ion: 136 Resp: 189155

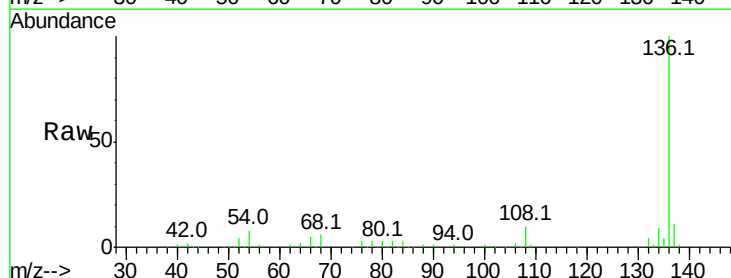
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.2 6.6 9.8

68 6.5 5.0 7.4

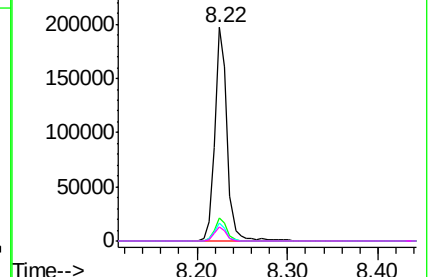
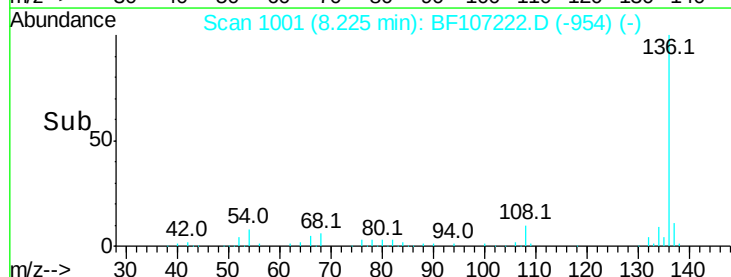


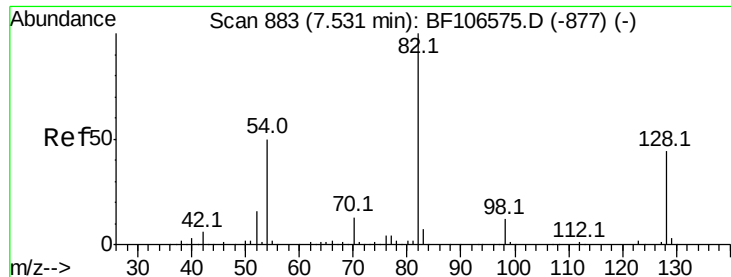
Abundance Ion 136.00 (135.70 to 136.70): E

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

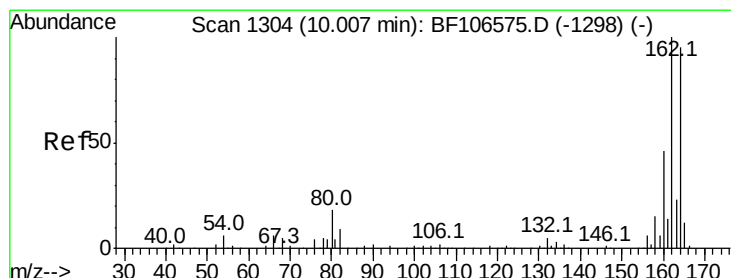
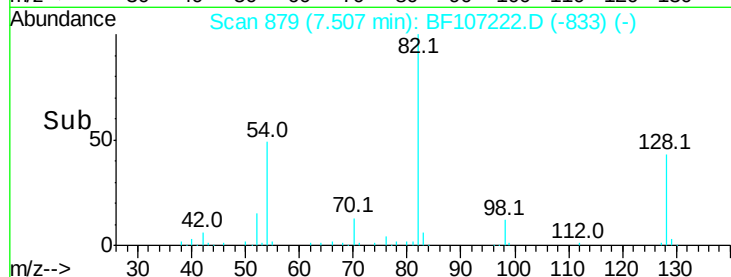
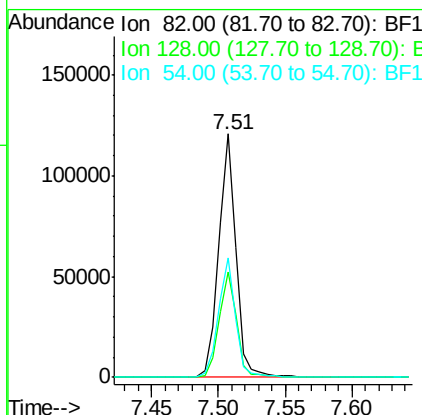
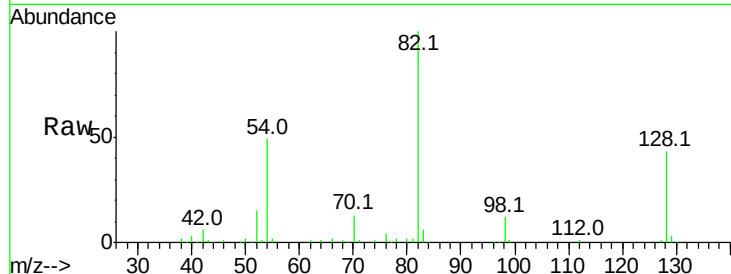




#23
 Nitrobenzene-d5
 Concen: 32.649 ng
 RT: 7.51 min Scan# 879
 Delta R.T. -0.03 min
 Lab File: BF107222.D
 Acq: 9 Jul 2018 12:21

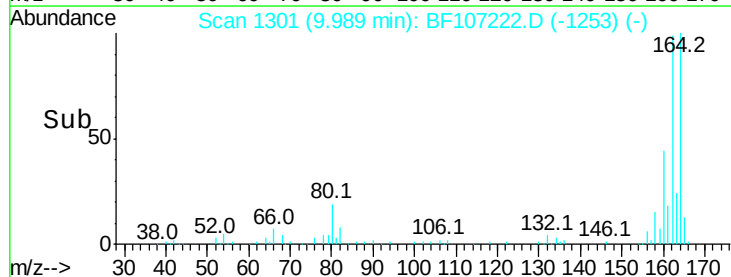
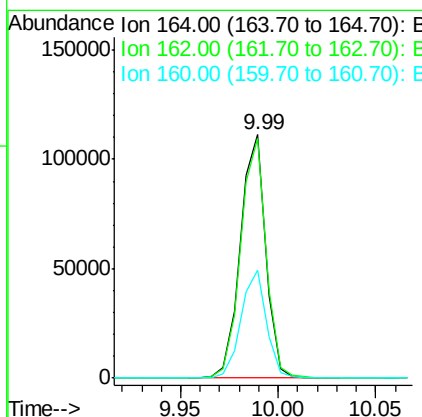
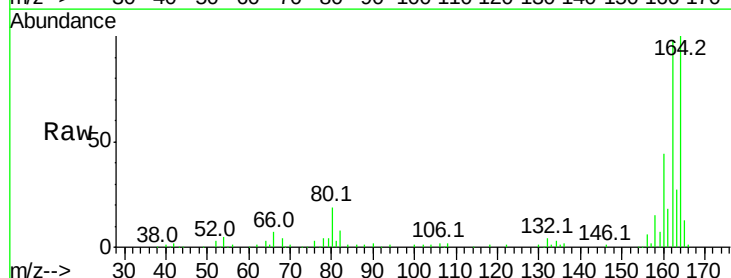
Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-1DL

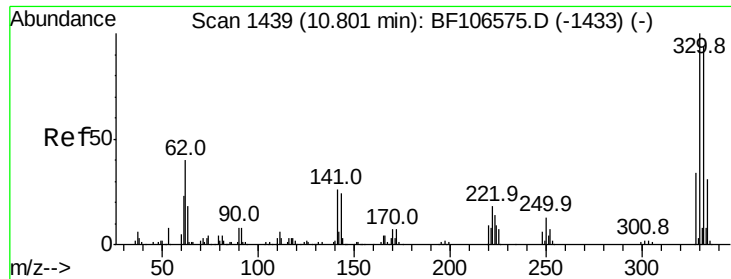
Tot Ion: 82 Resp: 111127
 Ion Ratio Lower Upper
 82 100
 128 43.1 36.1 54.1
 54 49.2 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107222.D
 Acq: 9 Jul 2018 12:21

Tgt Ion:164 Resp: 100057
 Ion Ratio Lower Upper
 164 100
 162 98.3 86.1 129.1
 160 44.2 38.3 57.5

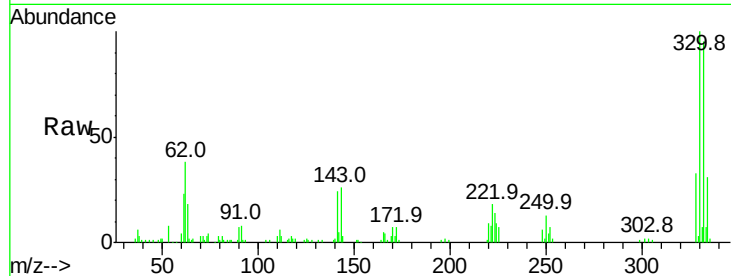




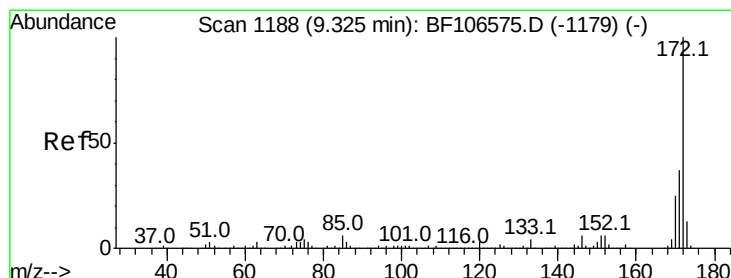
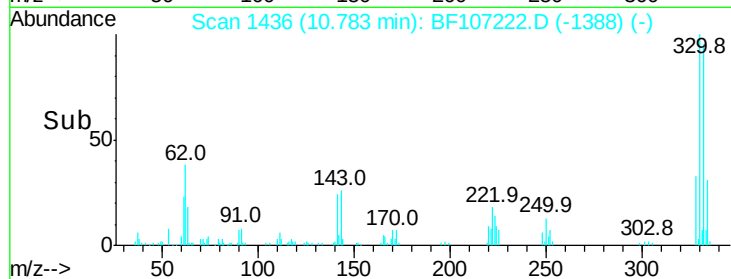
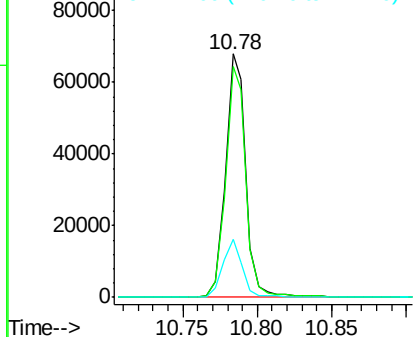
#41
 2,4,6-Tribromophenol
 Concen: 56.251 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107222.D
 Acq: 9 Jul 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-1DL

Tot Ion:330 Resp: 65234
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 22.8 29.9 44.9#

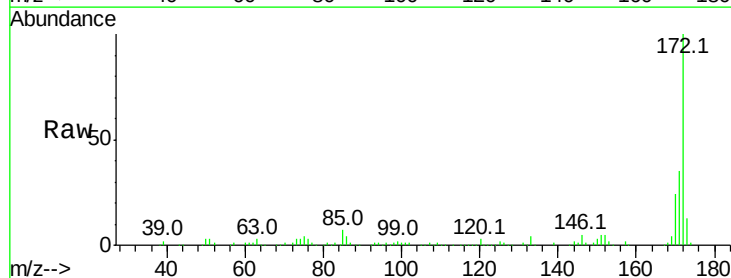


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

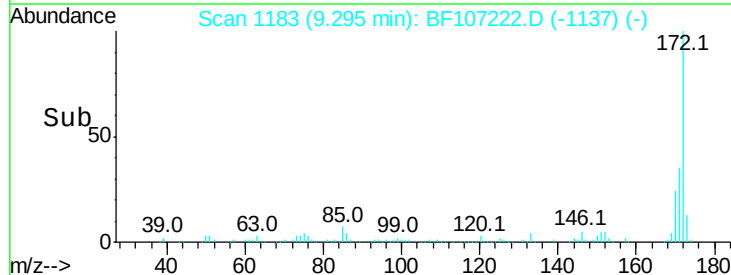
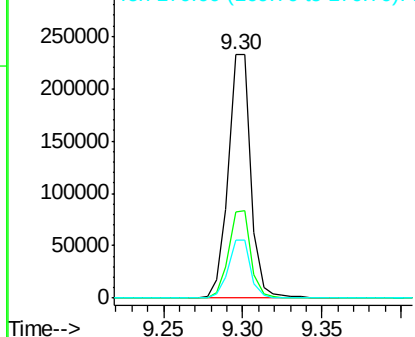


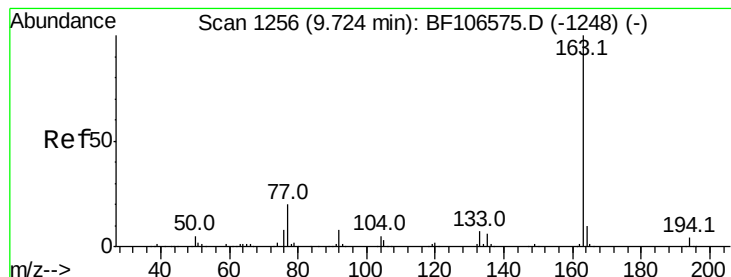
#44
 2-Fluorobiphenyl
 Concen: 29.402 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF107222.D
 Acq: 9 Jul 2018 12:21

Tgt Ion:172 Resp: 230840
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.8 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: 6.892 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107222.D

Acq: 9 Jul 2018 12:21

Instrument :

BNA_F

ClientSampleId :

HC-SOIL-1DL

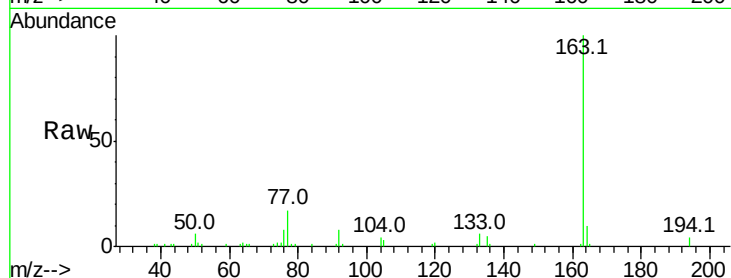
Tot Ion:163 Resp: 51724

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

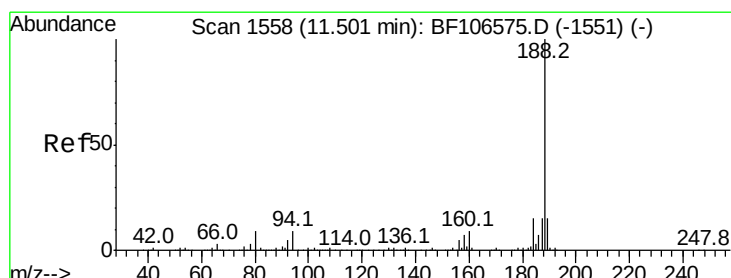
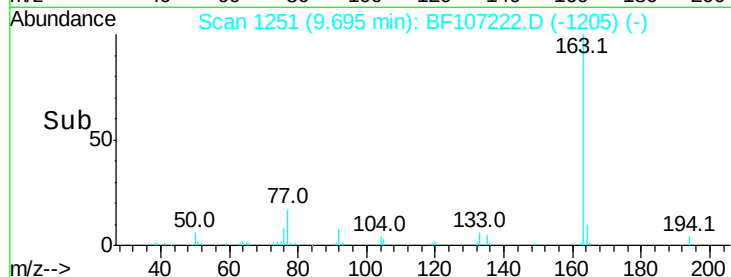
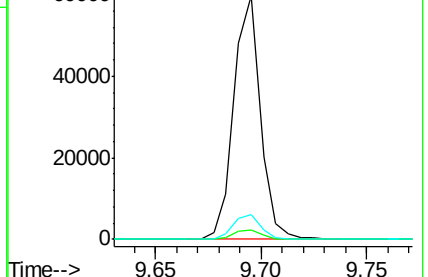
164 10.0 8.2 12.2



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# 1555

Delta R.T. -0.02 min

Lab File: BF107222.D

Acq: 9 Jul 2018 12:21

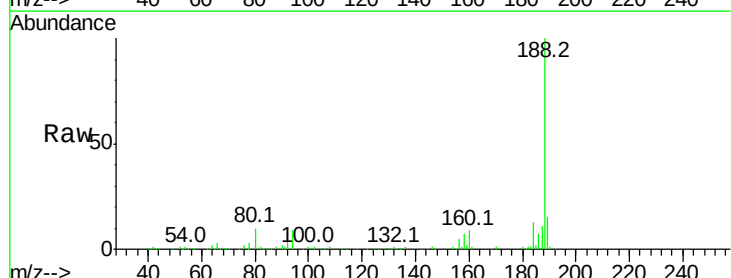
Tgt Ion:188 Resp: 209725

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

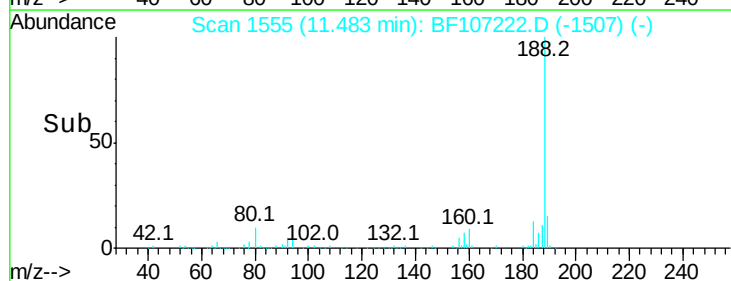
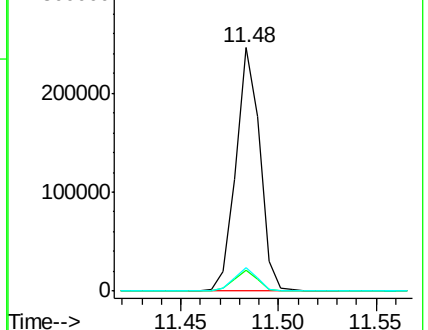
80 9.6 9.2 13.8

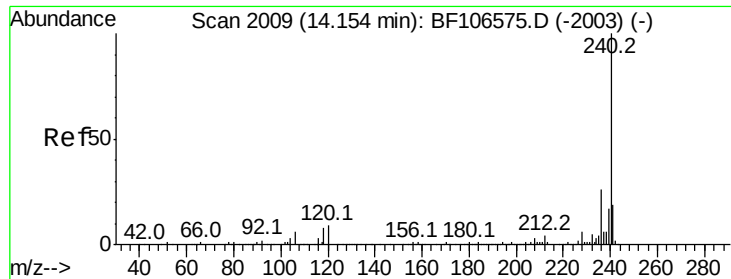


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107222.D

Acq: 9 Jul 2018 12:21

Instrument :

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ClientSampleID :

HC-SOIL-1DL

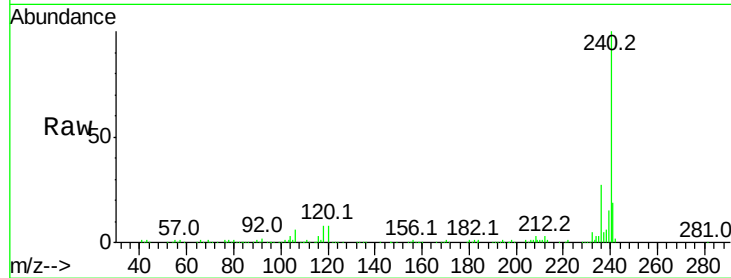
Tot Ion:240 Resp: 181432

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

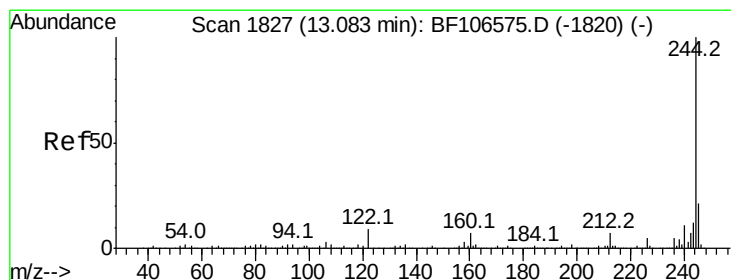
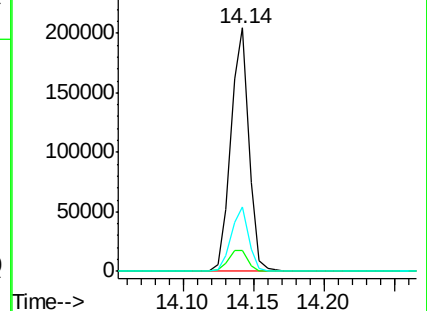
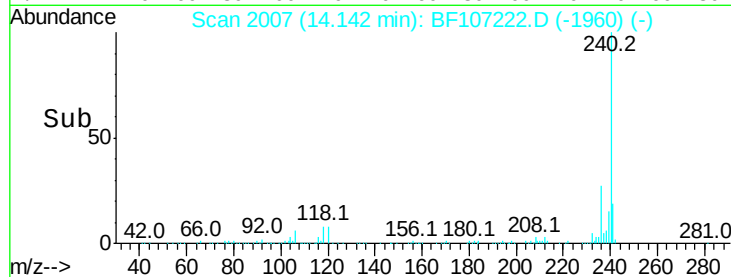
236 26.6 20.7 31.1



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: 40.735 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107222.D

Acq: 9 Jul 2018 12:21

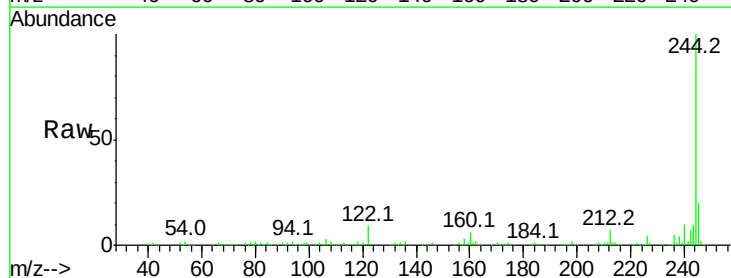
Tgt Ion:244 Resp: 305112

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

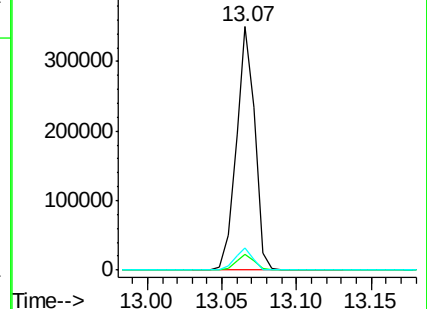
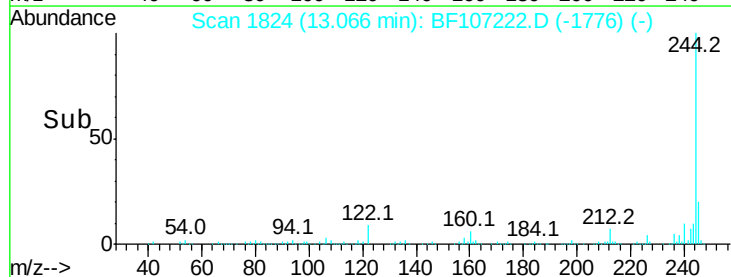
122 8.9 11.0 16.4#

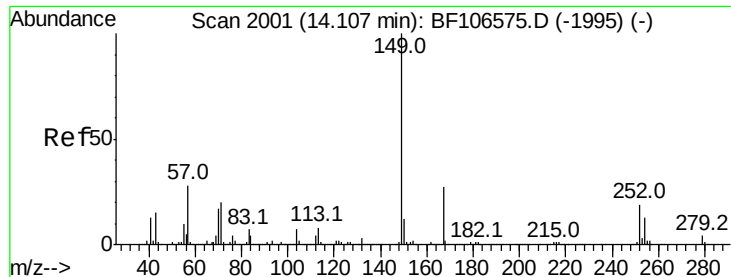


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.556 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF107222.D

Acq: 9 Jul 2018 12:21

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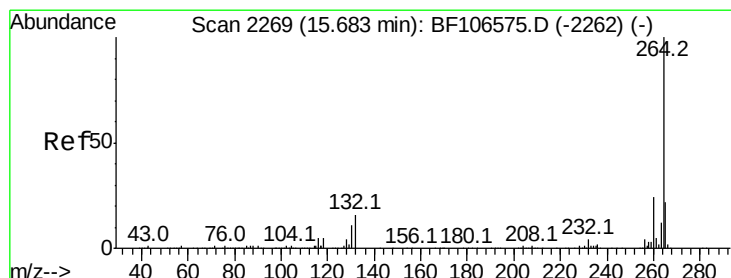
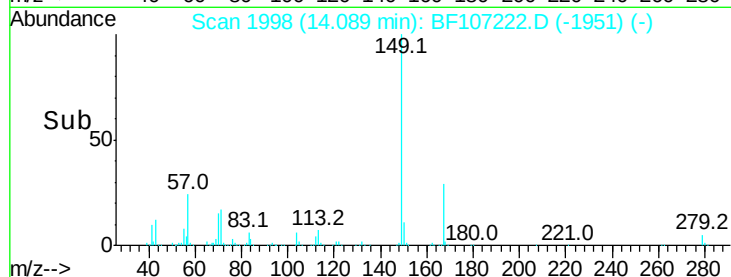
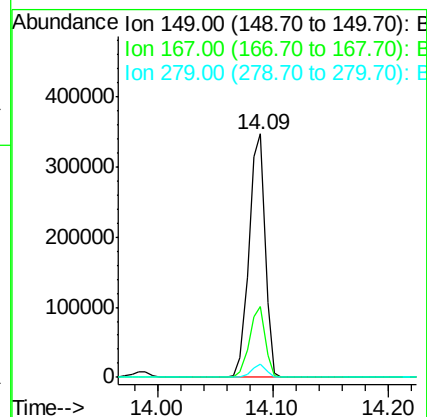
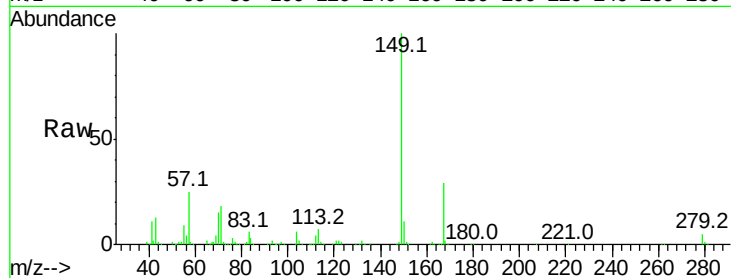
Tot Ion:149 Resp: 336805

Ion Ratio Lower Upper

149 100

167 29.2 21.3 31.9

279 5.4 3.0 4.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.04 min

Lab File: BF107222.D

Acq: 9 Jul 2018 12:21

Tgt Ion:264 Resp: 167937

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.2 17.5 26.3

