

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
 Data File : BF107180.D
 Acq On : 6 Jul 2018 18:34
 Operator : JU/SJ
 Sample : J3852-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-1

Quant Time: Jul 06 19:18:28 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

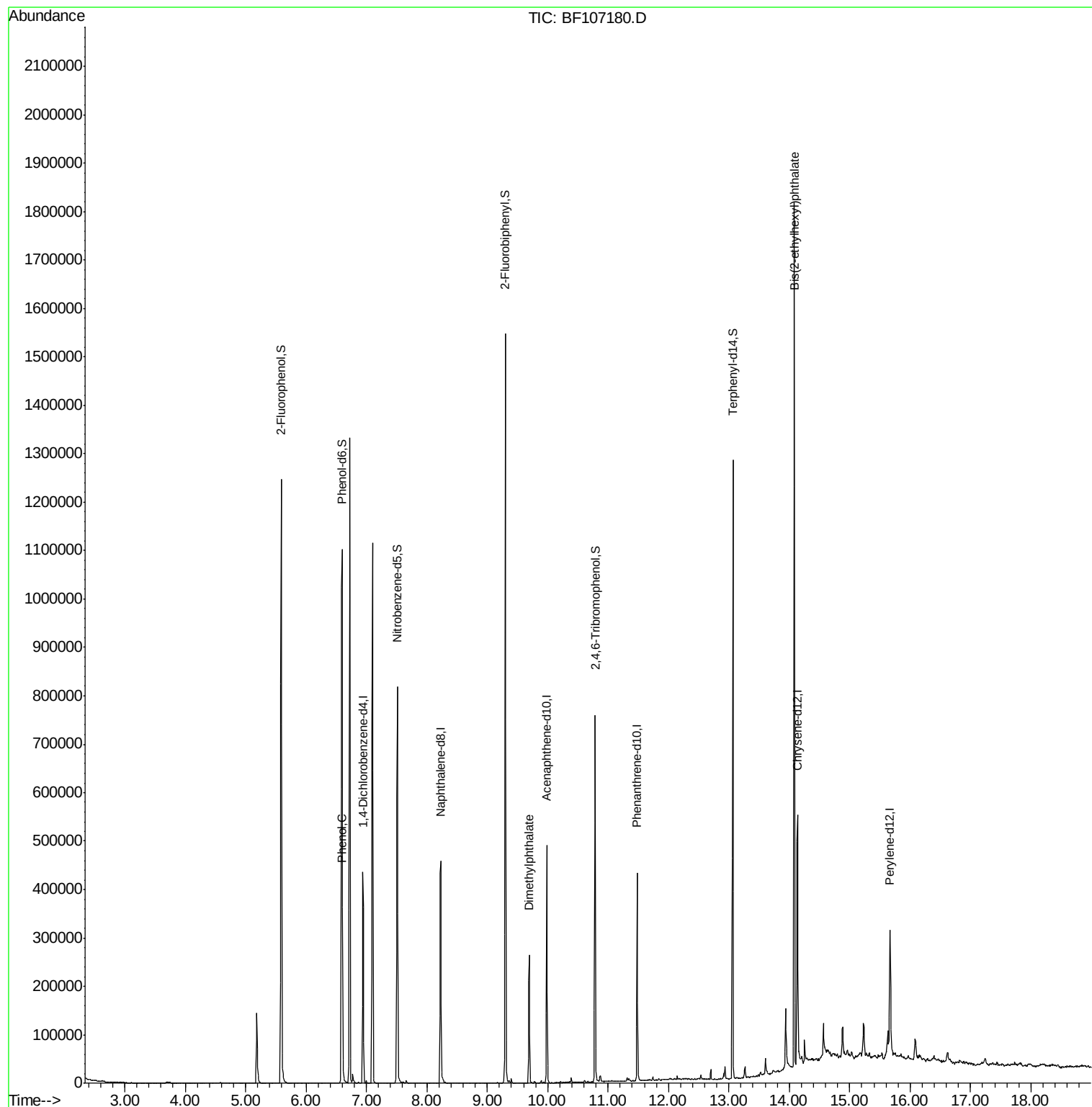
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	64355	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	244155	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	108876	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	174664	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	180420	20.00	ng	-0.03
86) Perylene-d12	15.67	264	139122	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	359907	94.70	ng	-0.01
7) Phenol-d6	6.60	99	451277	95.08	ng	-0.02
23) Nitrobenzene-d5	7.51	82	280970	63.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	106645	84.51	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	498662	75.95	ng	-0.02
78) Terphenyl-d14	13.07	244	465011	62.43	ng	-0.02
Target Compounds						
10) Phenol	6.61	94	11544	2.131	ng	95
49) Dimethylphthalate	9.70	163	114761	14.054	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	537476	85.944	ng	# 95

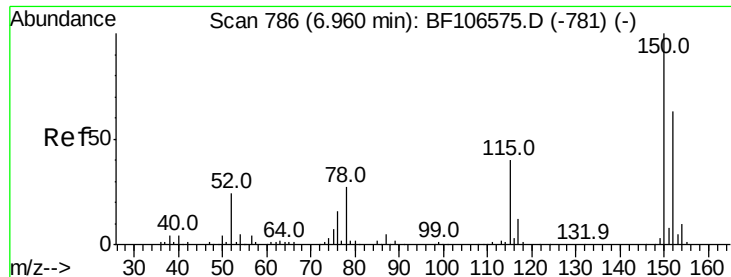
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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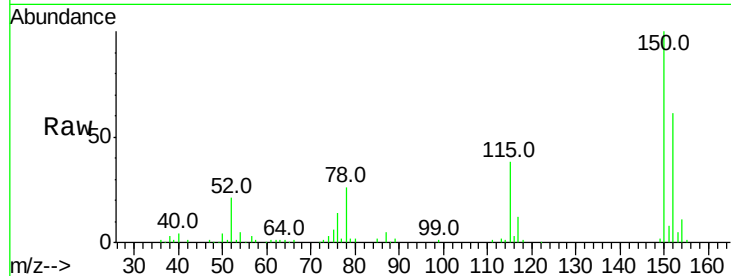


#1

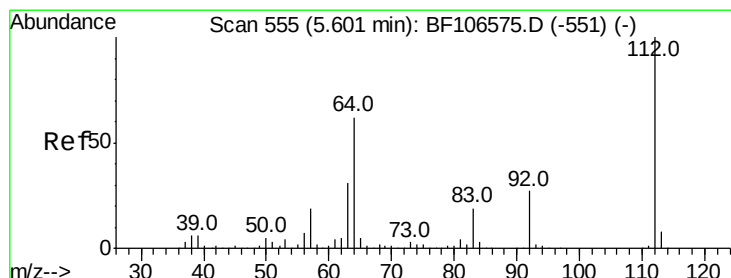
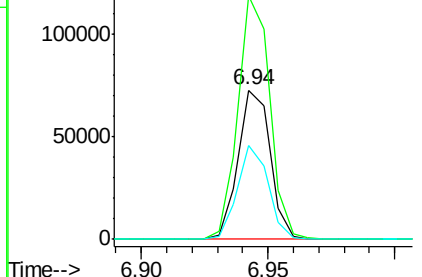
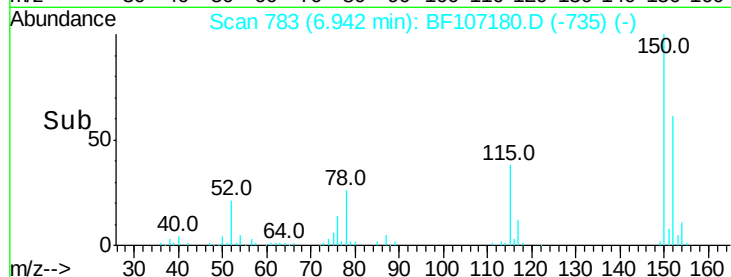
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107180.D
Acq: 6 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-1

Tot Ion:152 Resp: 64355
Ion Ratio Lower Upper
152 100
150 163.1 124.6 186.8
115 62.8 50.1 75.1



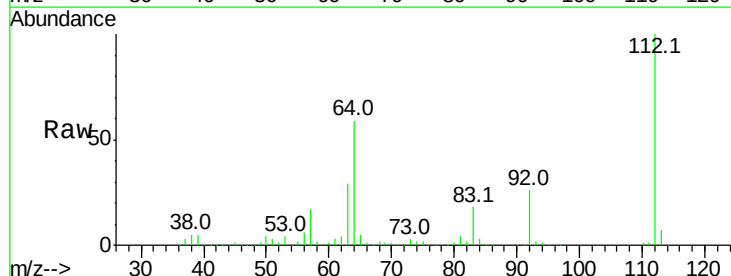
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



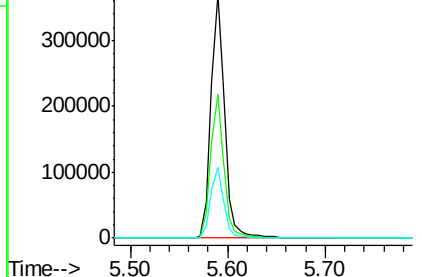
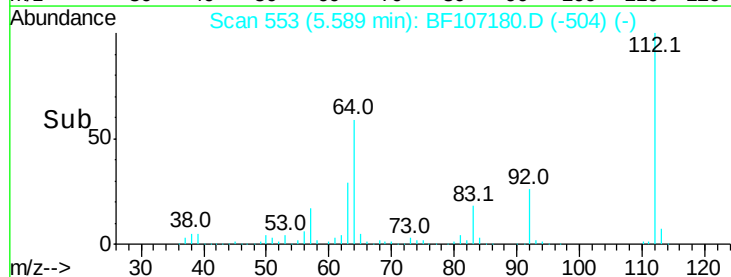
#5

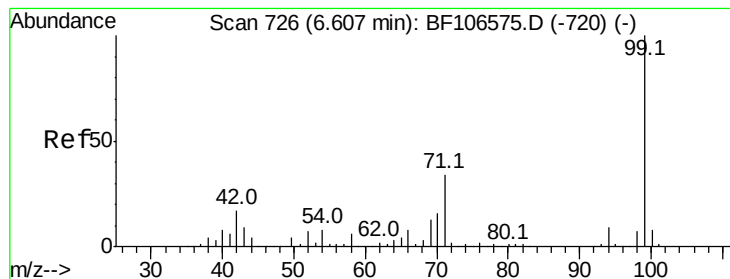
2-Fluorophenol
Concen: 94.699 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107180.D
Acq: 6 Jul 2018 18:34

Tgt Ion:112 Resp: 359907
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 29.2 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: 95.083 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107180.D

Acq: 6 Jul 2018 18:34

Instrument :

BNA_F

ClientSampled :

HC-SOIL-1

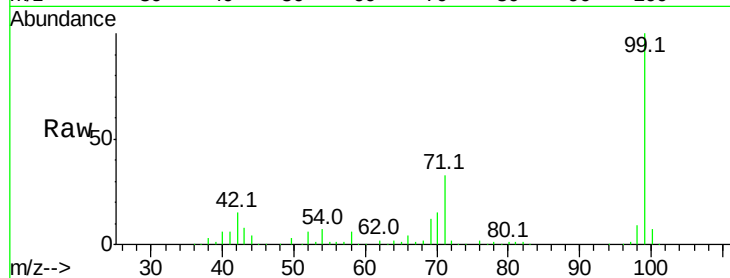
Tot Ion: 99 Resp: 451277

Ion Ratio Lower Upper

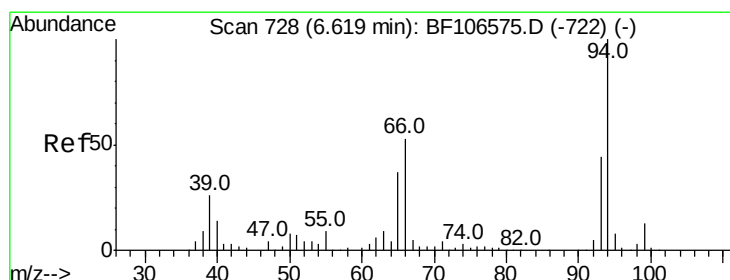
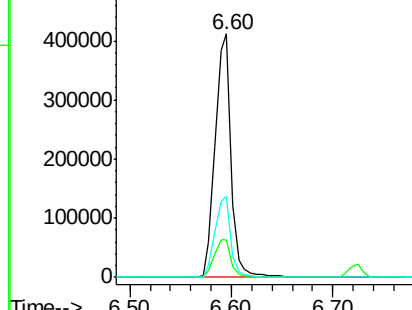
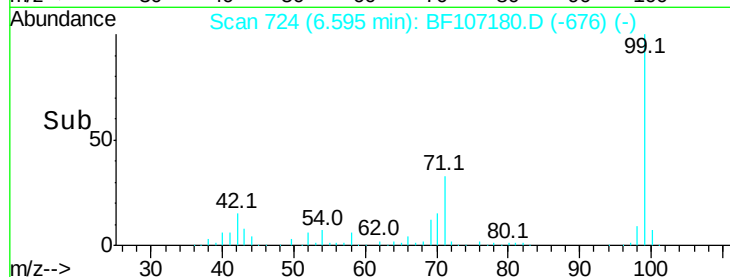
99 100

42 15.4 14.5 21.7

71 33.2 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: 2.131 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107180.D

Acq: 6 Jul 2018 18:34

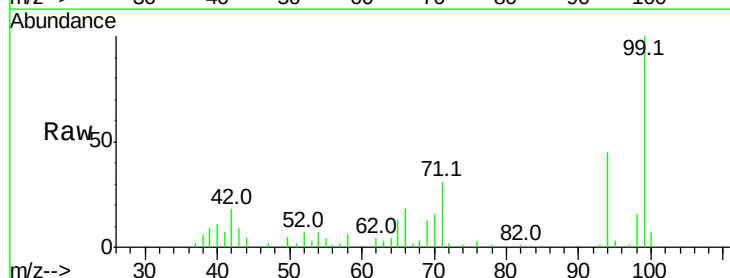
Tgt Ion: 94 Resp: 11544

Ion Ratio Lower Upper

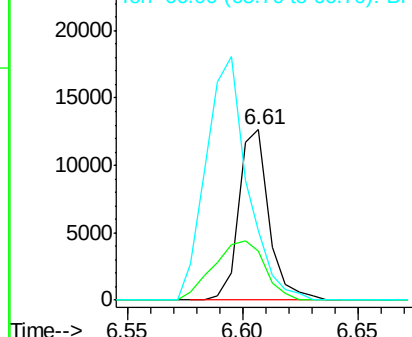
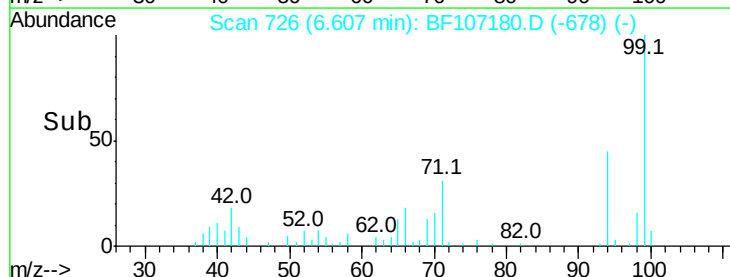
94 100

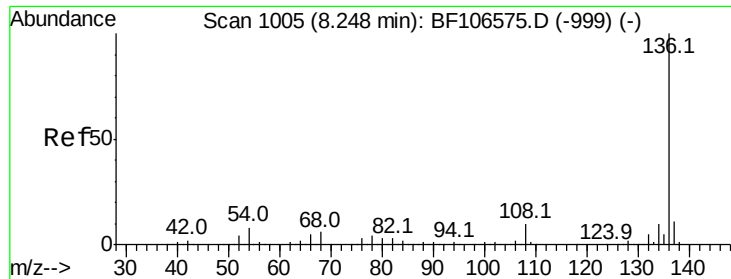
65 28.6 7.9 47.9

66 41.2 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

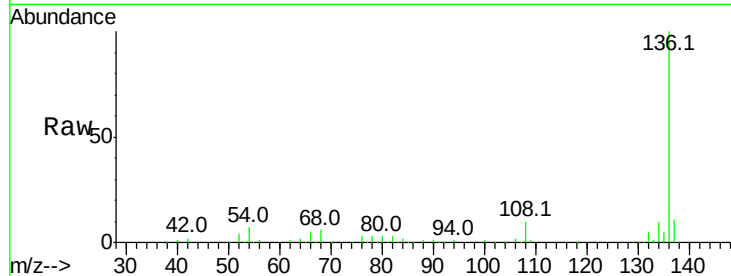




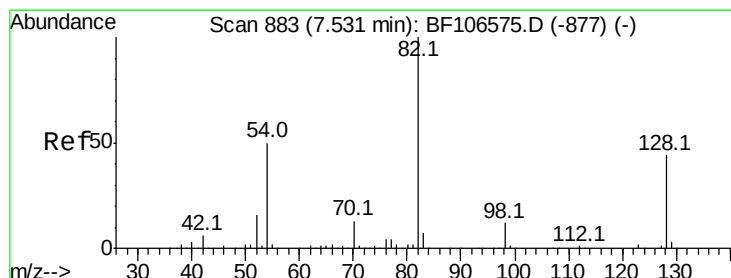
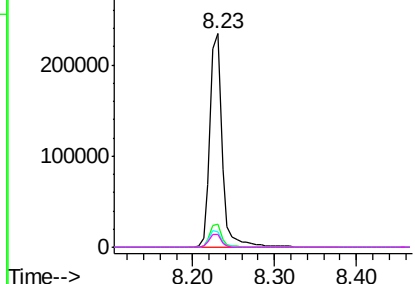
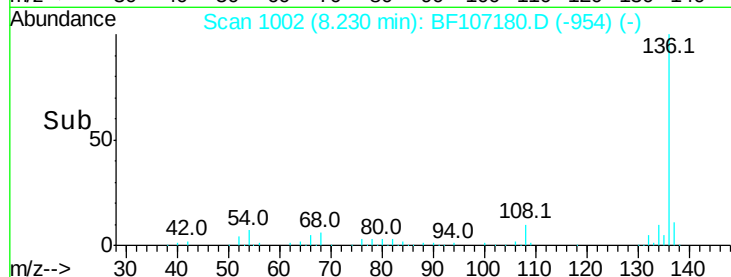
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107180.D
Acq: 6 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-1

Tot Ion:	136	Resp:	244155
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	6.6	9.8
68	6.2	5.0	7.4

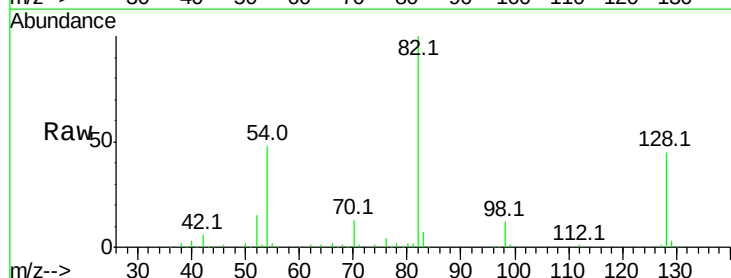


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

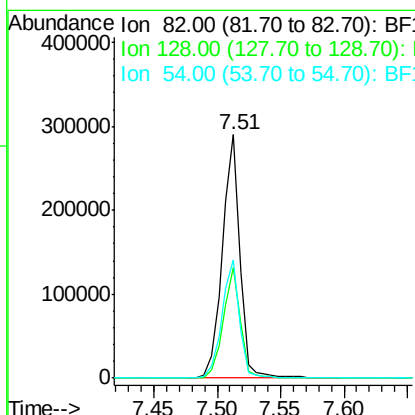
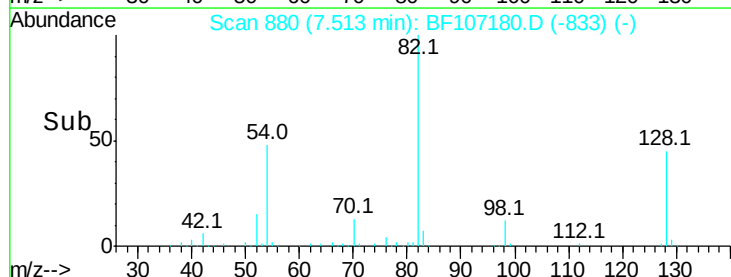


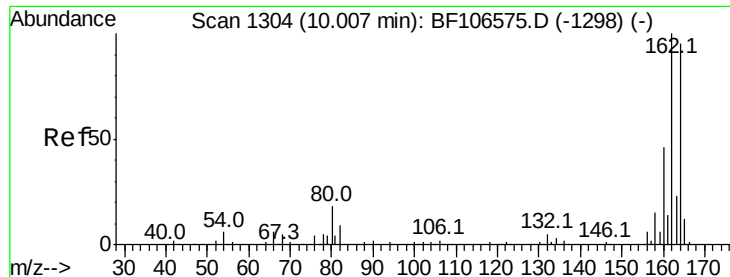
#23
Nitrobenzene-d5
Concen: 63.953 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107180.D
Acq: 6 Jul 2018 18:34

Tgt Ion:	82	Resp:	280970
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	48.4	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

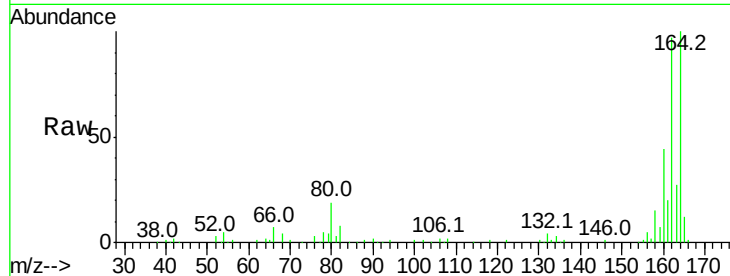




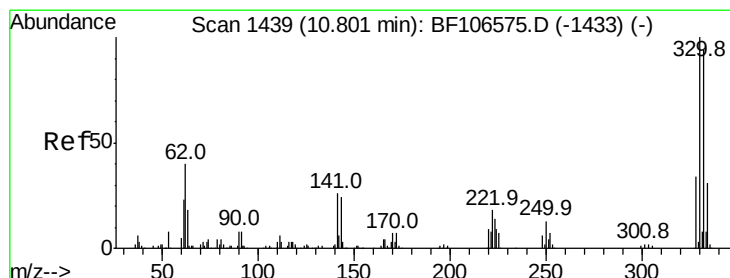
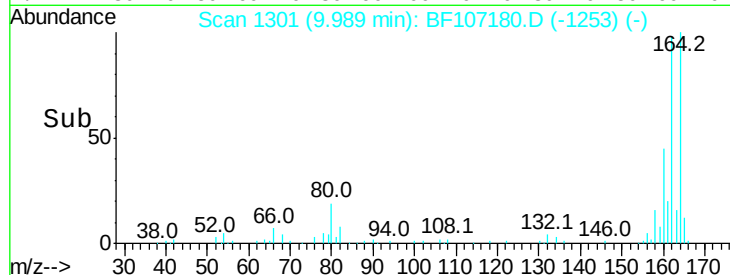
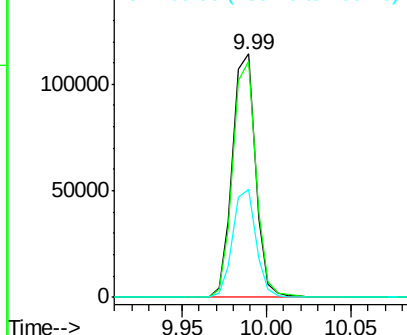
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107180.D
Acq: 6 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-1

Tot Ion:164 Resp: 108876
Ion Ratio Lower Upper
164 100
162 96.7 86.1 129.1
160 44.4 38.3 57.5

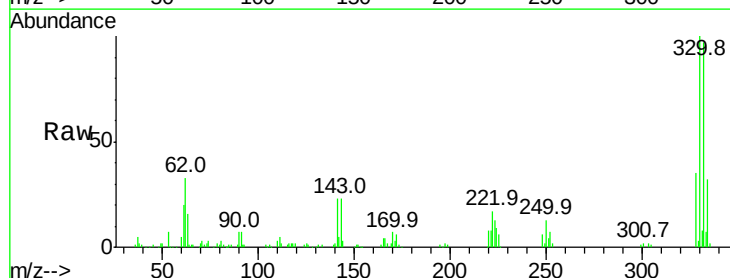


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

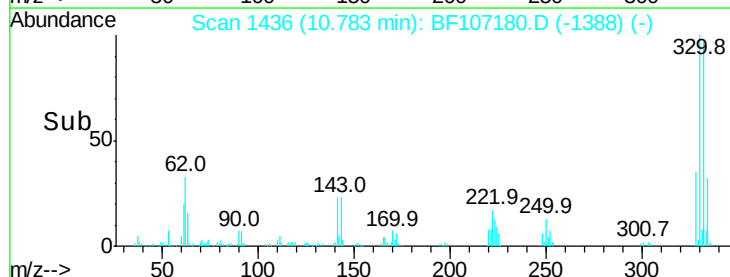
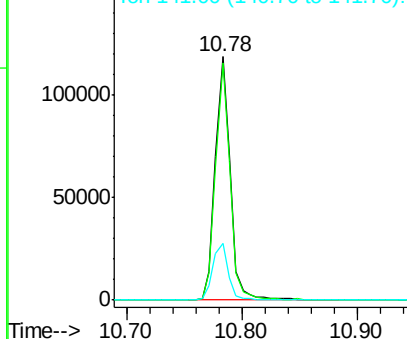


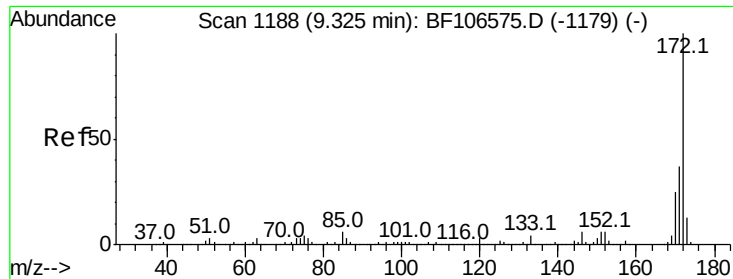
#41
2,4,6-Tribromophenol
Concen: 84.511 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107180.D
Acq: 6 Jul 2018 18:34

Tgt Ion:330 Resp: 106645
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.6
141 23.9 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

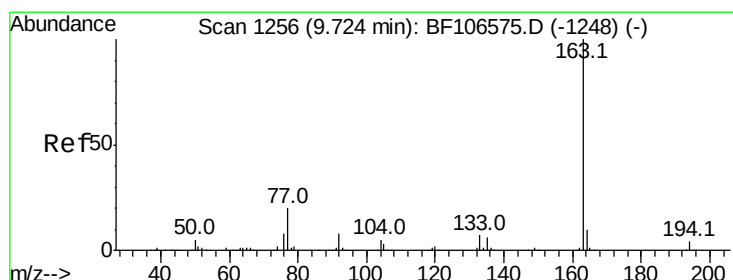
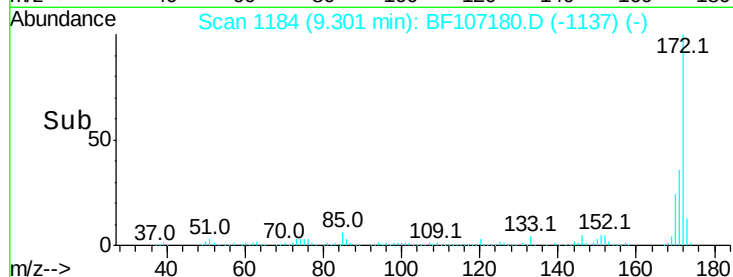
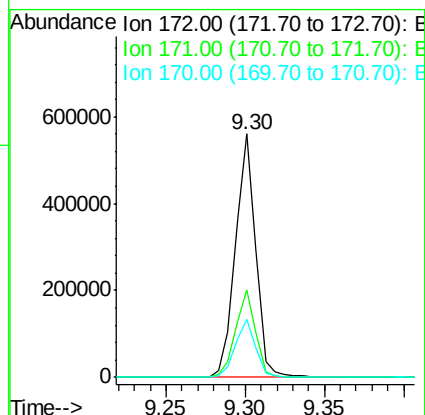
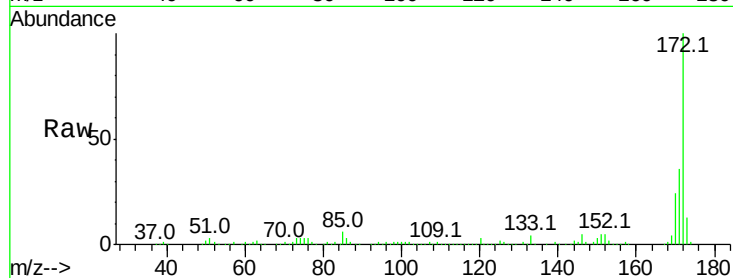




#44
2-Fluorobiphenyl
Concen: 75.954 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107180.D
Acq: 6 Jul 2018 18:34

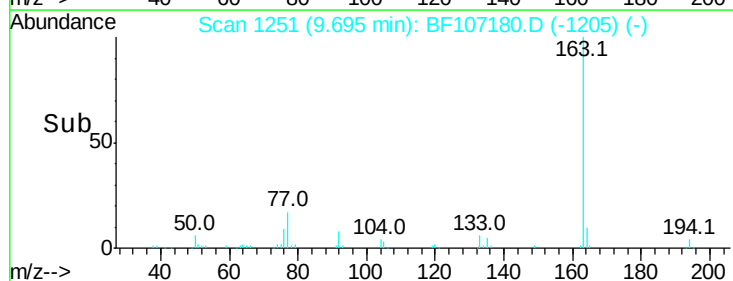
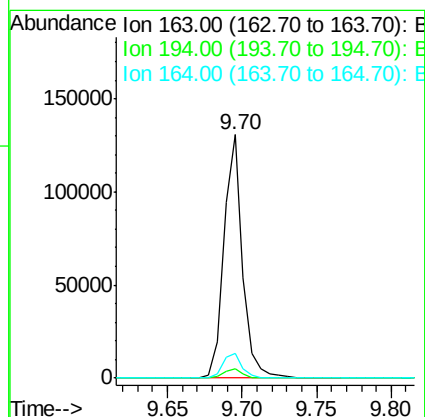
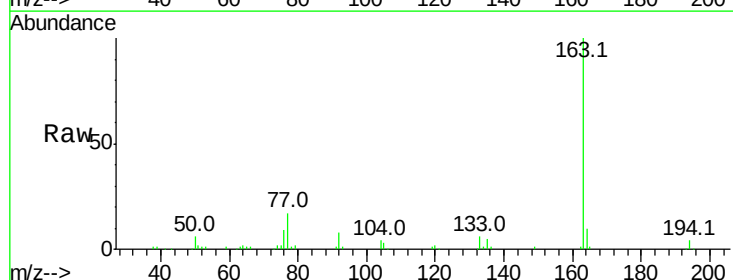
Instrument :
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HC-SOIL-1

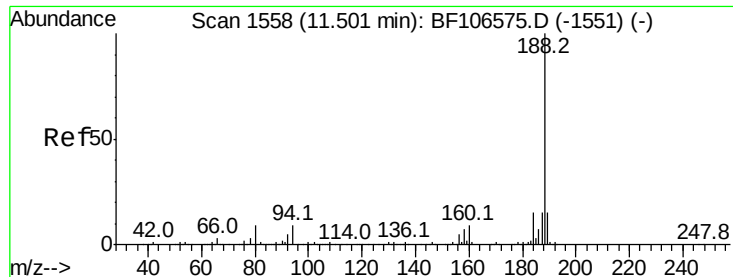
Tot Ion:172 Resp: 498662
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 14.054 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107180.D
Acq: 6 Jul 2018 18:34

Tgt Ion:163 Resp: 114761
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.4 8.2 12.2

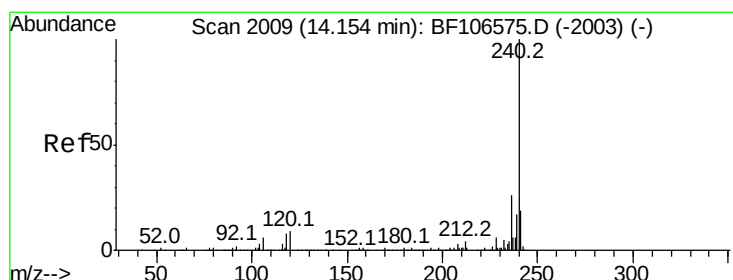
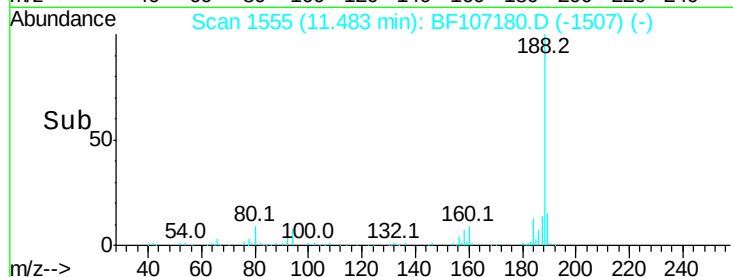
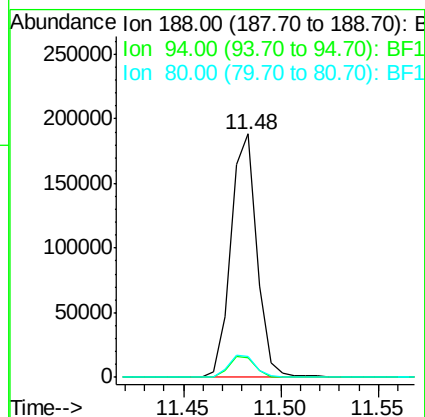
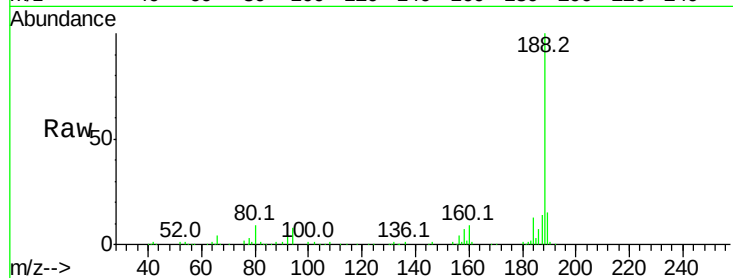




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107180.D
Acq: 6 Jul 2018 18:34

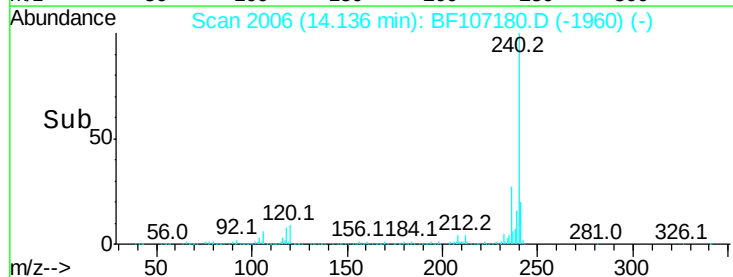
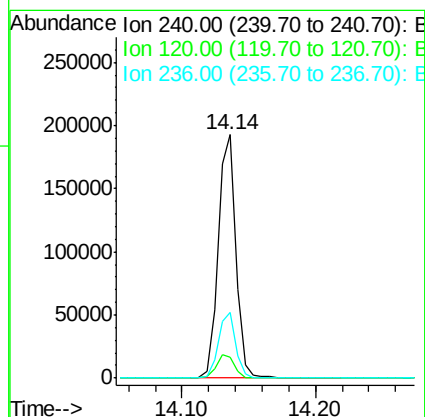
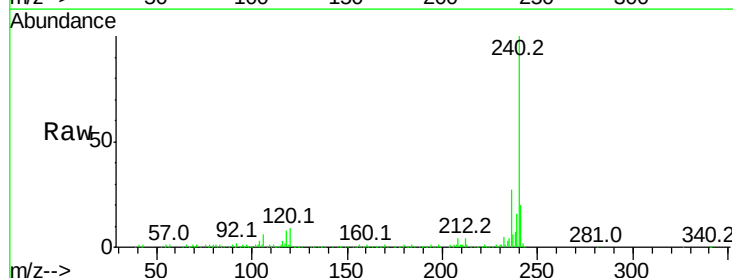
Instrument :
BNA_F
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HC-SOIL-1

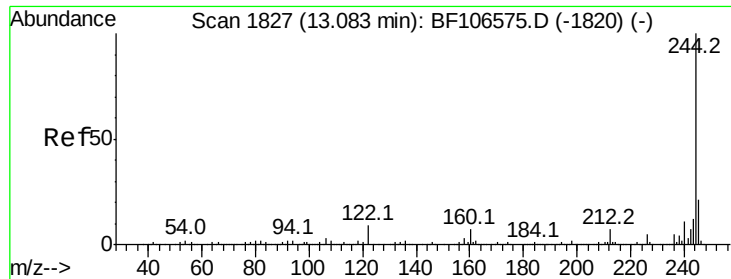
Tot Ion:188 Resp: 174664
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.8 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107180.D
Acq: 6 Jul 2018 18:34

Tgt Ion:240 Resp: 180420
Ion Ratio Lower Upper
240 100
120 8.7 9.5 14.3#
236 26.8 20.7 31.1

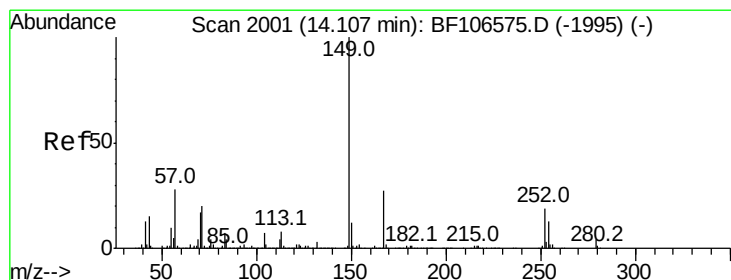
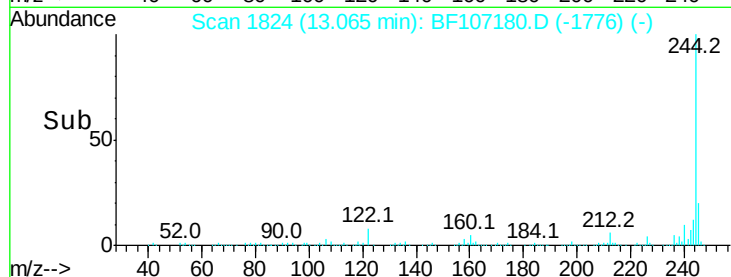
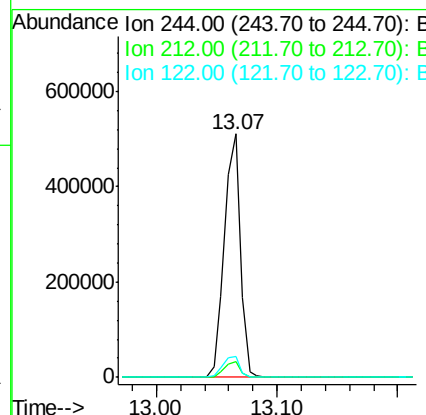
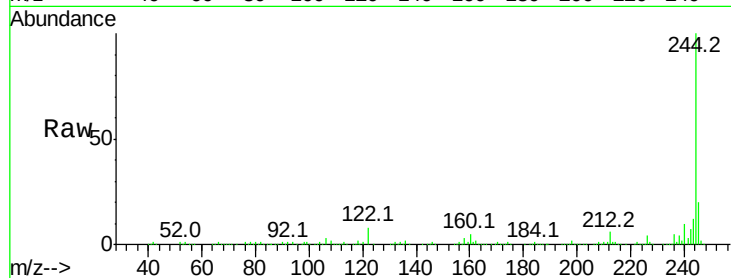




#78
 Terphenyl-d14
 Concen: 62.432 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107180.D
 Acq: 6 Jul 2018 18:34

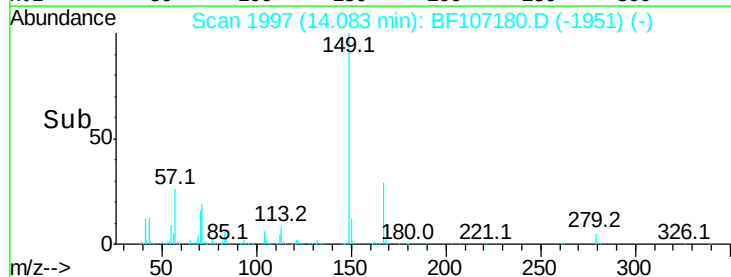
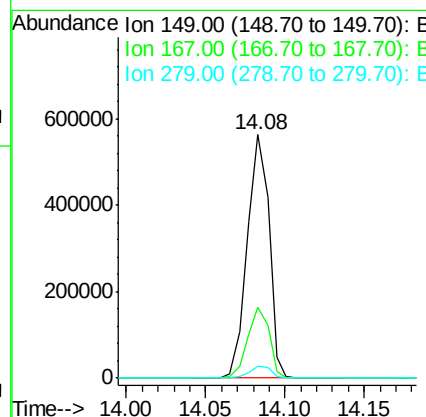
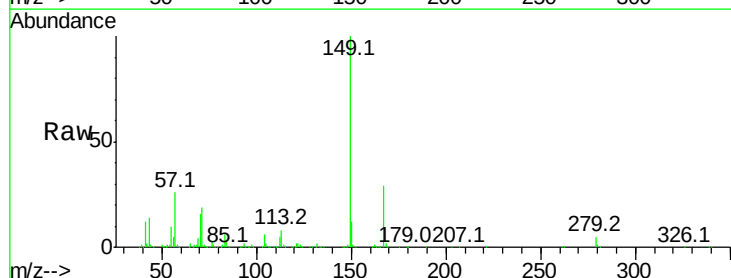
Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-1

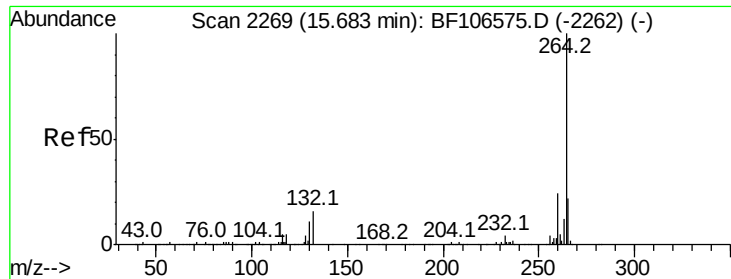
Tot Ion:244 Resp: 465011
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 8.4 11.0 16.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 85.944 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107180.D
 Acq: 6 Jul 2018 18:34

Tgt Ion:149 Resp: 537476
 Ion Ratio Lower Upper
 149 100
 167 29.3 21.3 31.9
 279 5.0 3.0 4.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. -0.05 min
Lab File: BF107180.D
Acq: 6 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3

