

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106724.D
 Acq On : 22 Jun 2018 22:21
 Operator : JU/SJ
 Sample : J3594-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-3

Quant Time: Jun 23 00:10:24 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 22 11:34:03 2018
 Response via : Initial Calibration

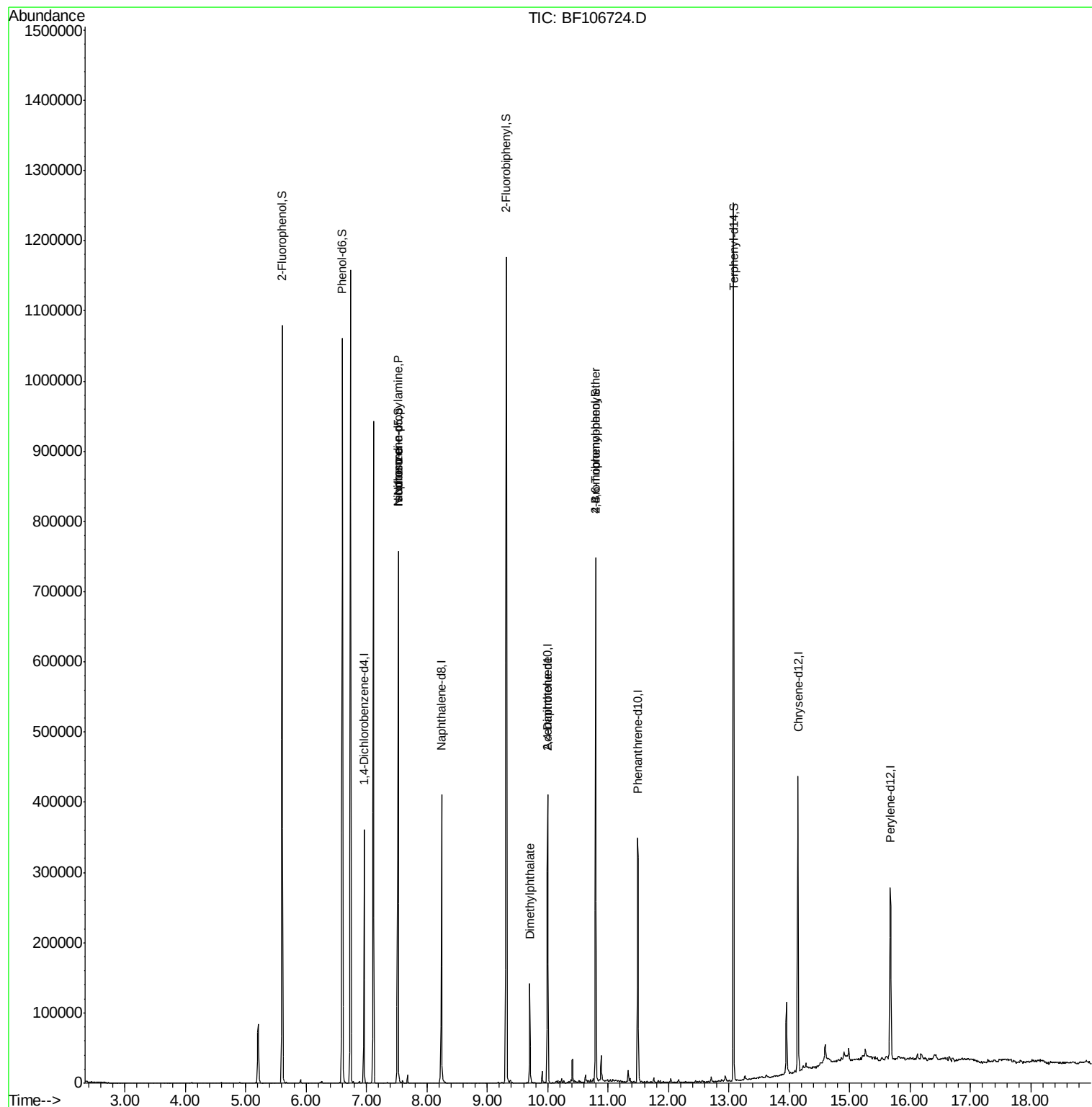
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	50150	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	186789	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	82259	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	140334	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	146924	20.00	ng	-0.01
86) Perylene-d12	15.67	264	122251	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	328879	111.05	ng	0.00
7) Phenol-d6	6.60	99	412918	111.64	ng	0.00
23) Nitrobenzene-d5	7.52	82	259020	77.06	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	108893	114.21	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	429012	88.96	ng	0.00
78) Terphenyl-d14	13.08	244	430510	70.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	34007	13.949	ng	# 73
25) Isophorone	7.52	82	259018	43.733	ng	# 64
49) Dimethylphthalate	9.71	163	59622	9.664	ng	100
56) 2,4-Dinitrotoluene	10.00	165	10329	6.057	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	6628	3.957	ng	# 1

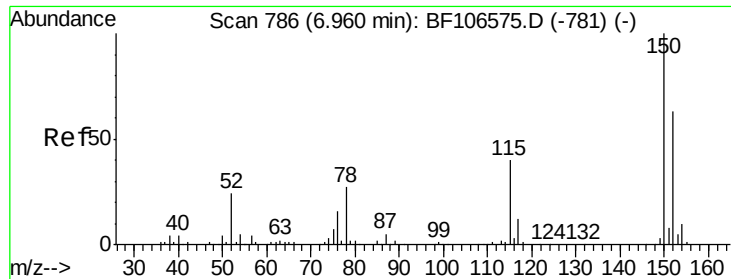
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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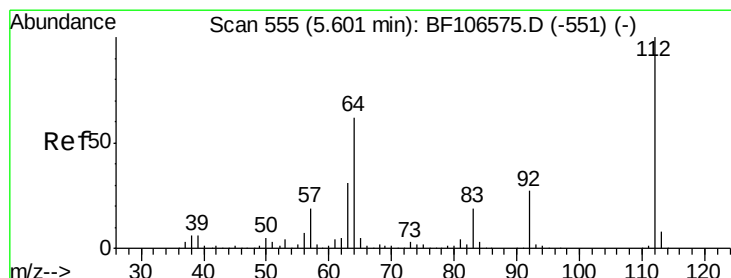
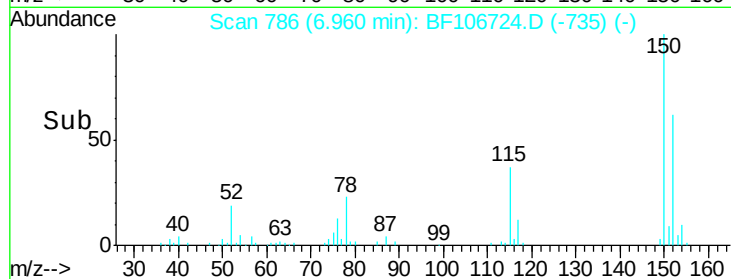
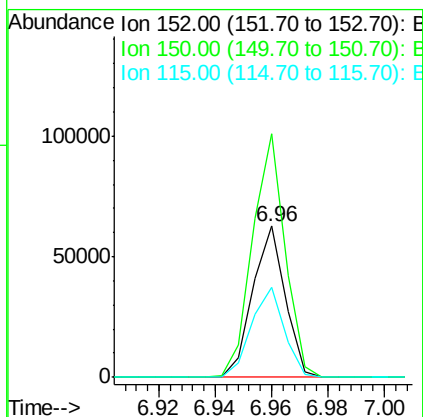
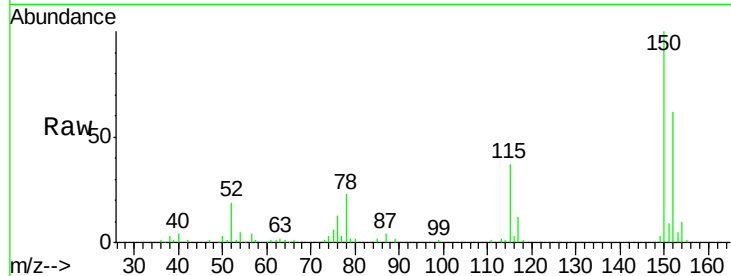


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106724.D
Acq: 22 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-3

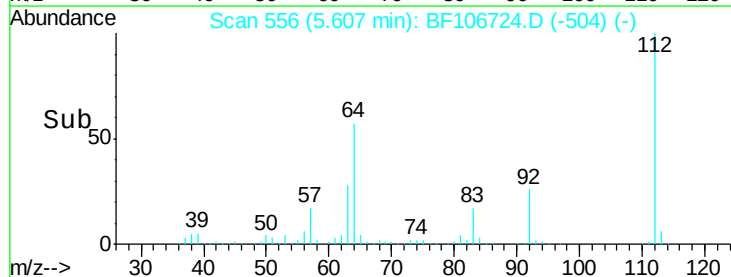
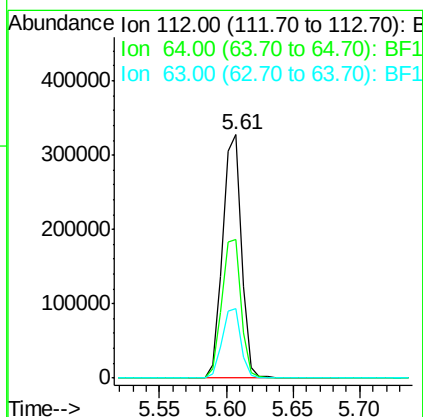
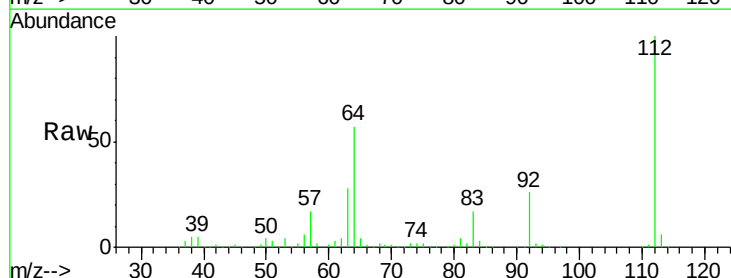
Tgt Ion:152 Resp: 50150
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 59.9 50.1 75.1

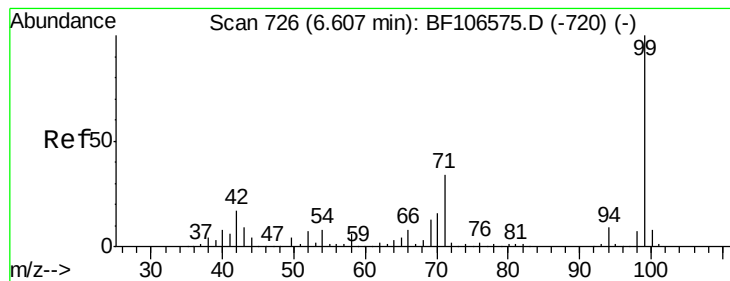


#5

2-Fluorophenol
Concen: 111.046 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106724.D
Acq: 22 Jun 2018 22:21

Tgt Ion:112 Resp: 328879
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 28.4 23.7 35.5





#7

Phenol-d6

Concen: 111.644 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106724.D

Acq: 22 Jun 2018 22:21

Instrument :

BNA_F

ClientSampleId :

HC-SOIL-3

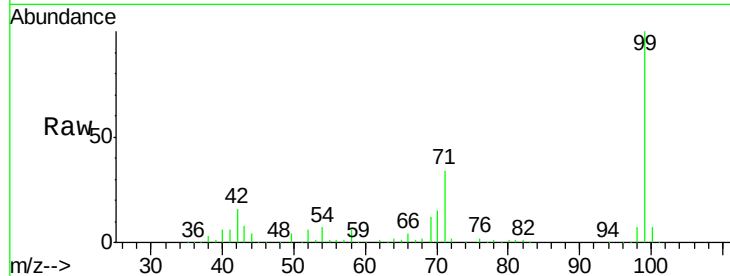
Tgt Ion: 99 Resp: 412918

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

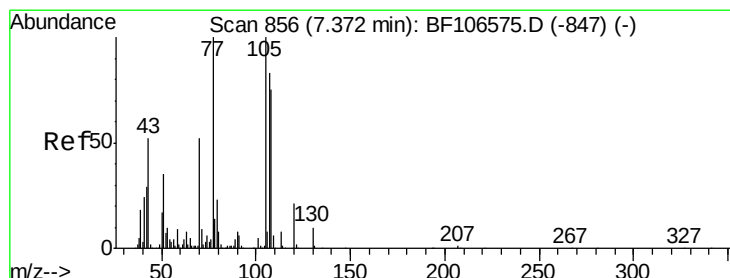
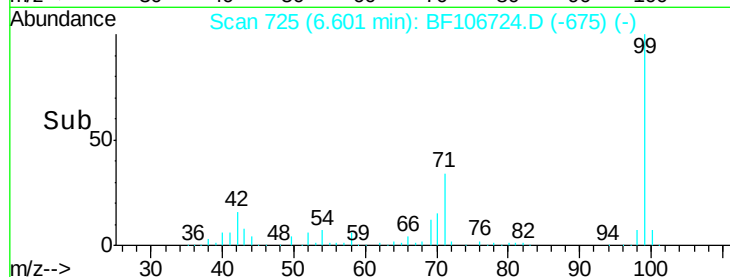
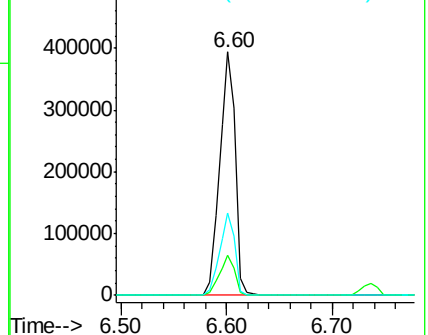
71 34.1 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.949 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106724.D

Acq: 22 Jun 2018 22:21

Tgt Ion: 70 Resp: 34007

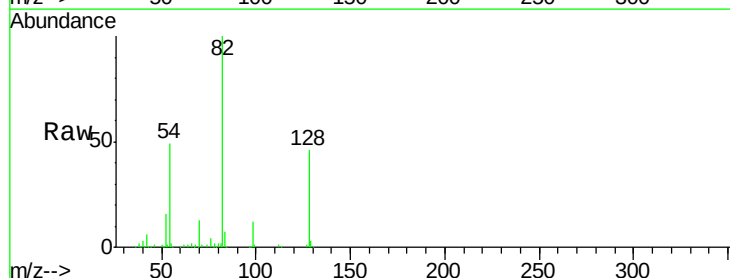
Ion Ratio Lower Upper

70 100

42 42.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

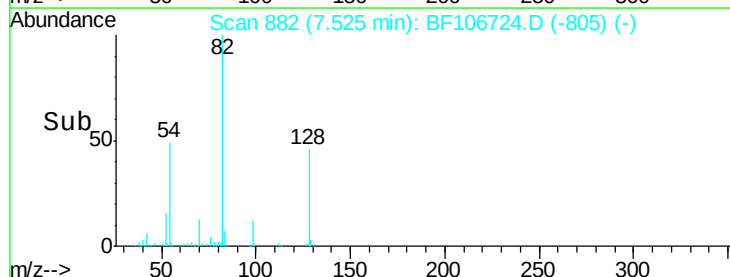
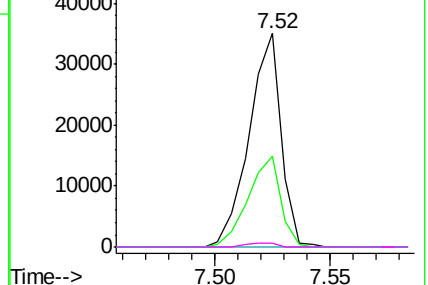


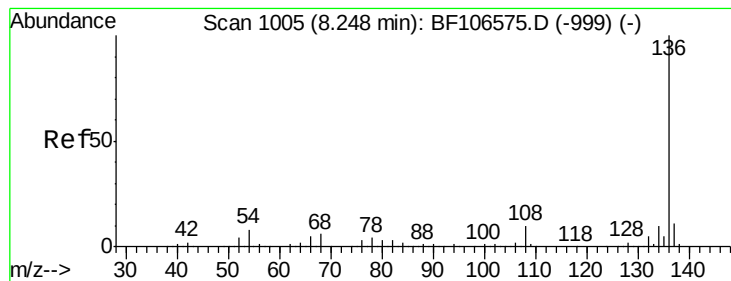
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

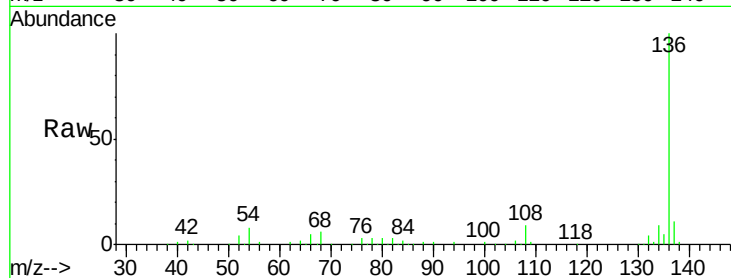




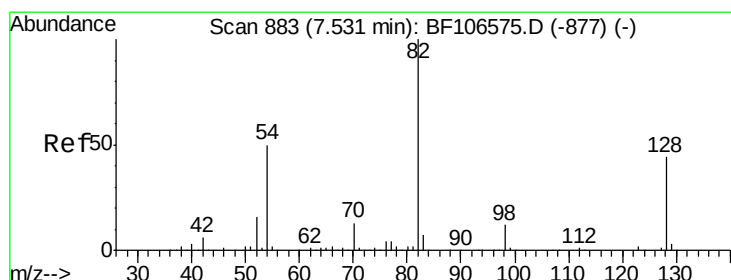
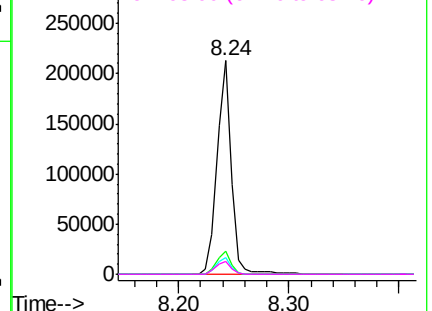
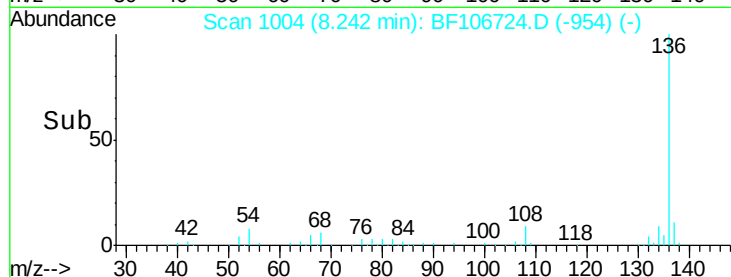
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106724.D
Acq: 22 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-3

Tgt Ion: 136 Resp: 186789
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.6 6.6 9.8
68 6.3 5.0 7.4

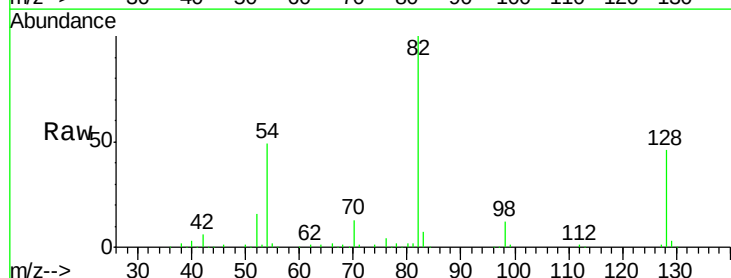


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

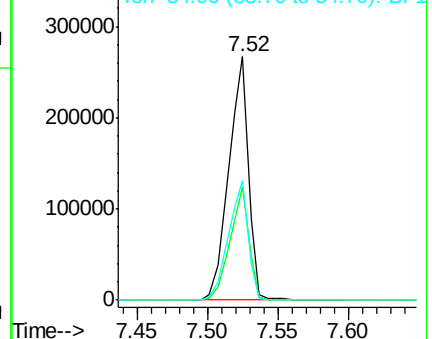
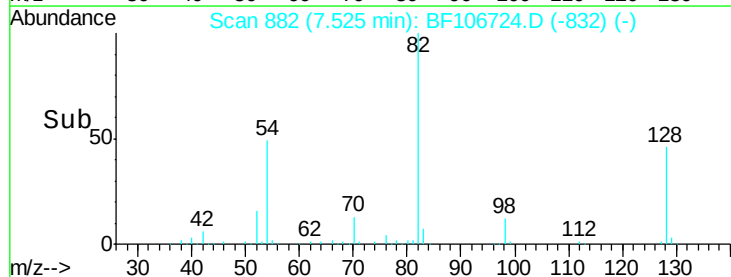


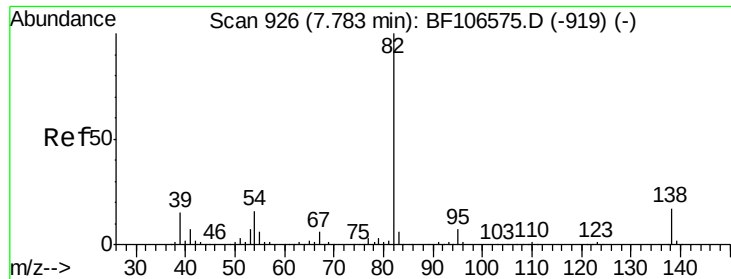
#23
Nitrobenzene-d5
Concen: 77.064 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106724.D
Acq: 22 Jun 2018 22:21

Tgt Ion: 82 Resp: 259020
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 48.8 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





#25

Isophorone

Concen: 43.733 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106724.D

Acq: 22 Jun 2018 22:21

Instrument :

BNA_F

ClientSampleId :

HC-SOIL-3

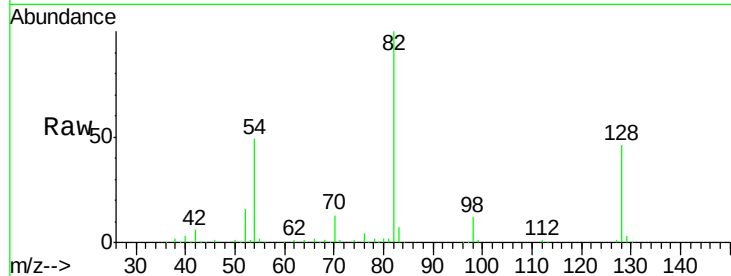
Tgt Ion: 82 Resp: 259018

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

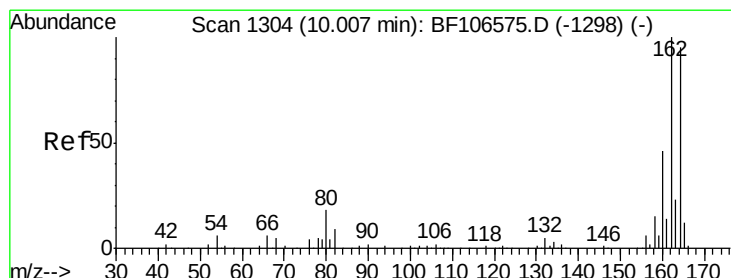
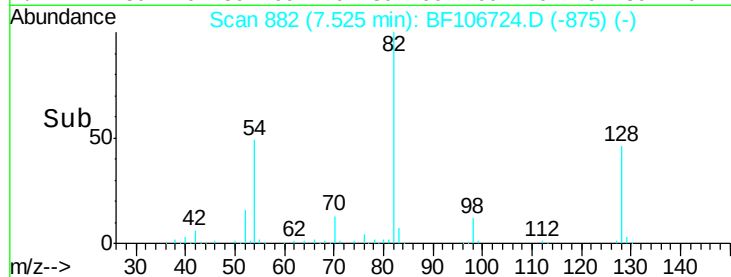
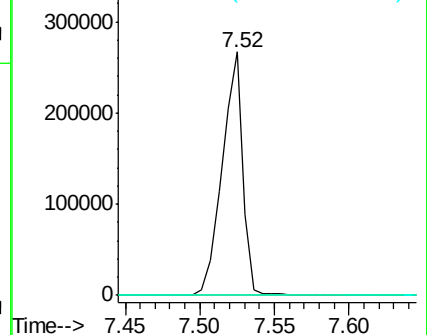
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106724.D

Acq: 22 Jun 2018 22:21

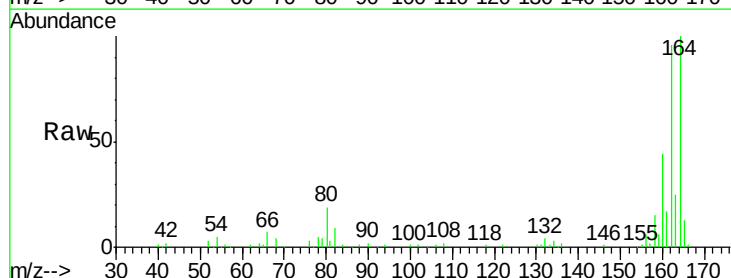
Tgt Ion: 164 Resp: 82259

Ion Ratio Lower Upper

164 100

162 95.5 86.1 129.1

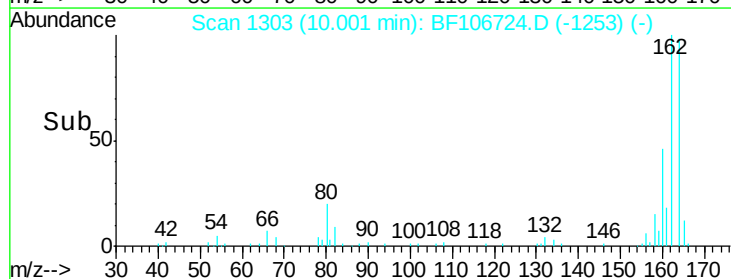
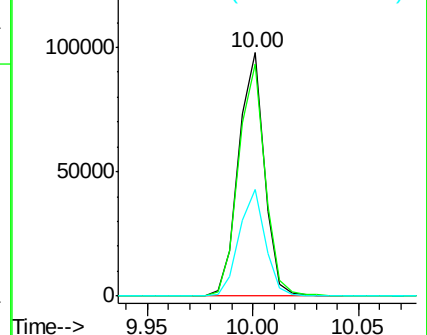
160 43.8 38.3 57.5

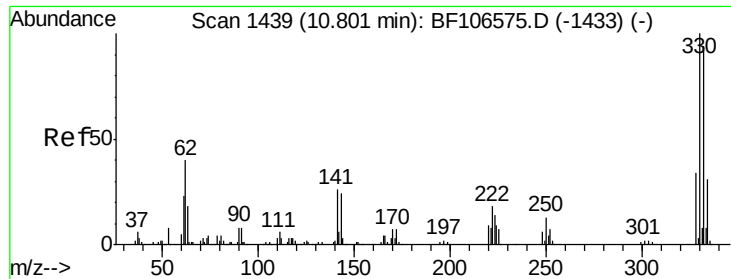


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

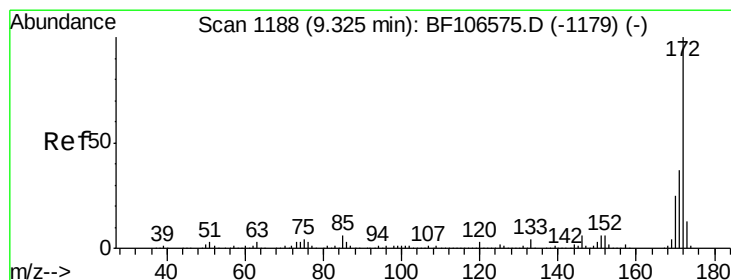
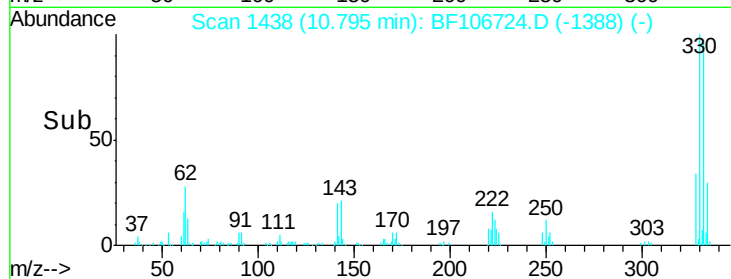
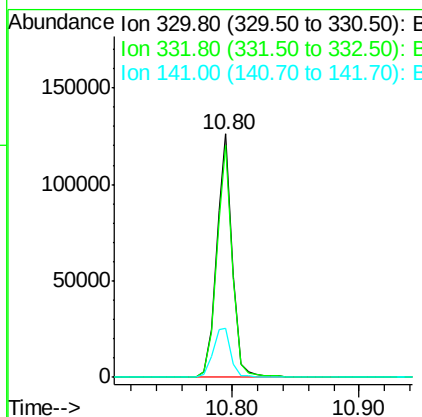
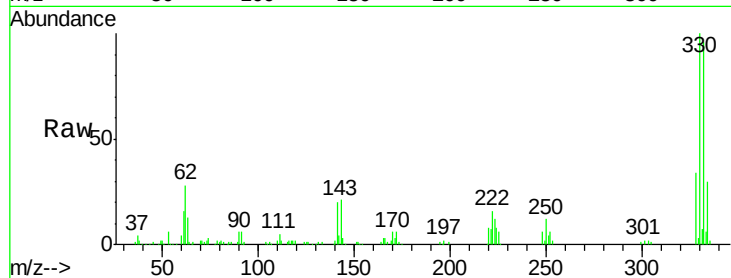




#41
 2,4,6-Tribromophenol
 Concen: 114.215 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106724.D
 Acq: 22 Jun 2018 22:21

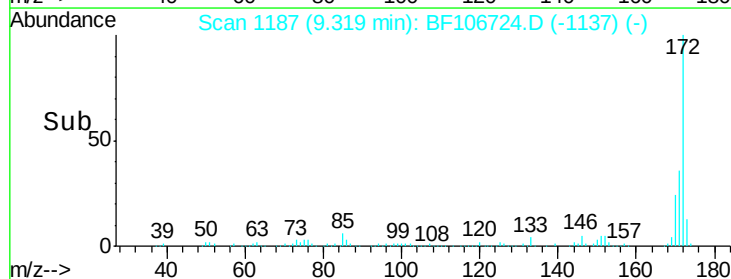
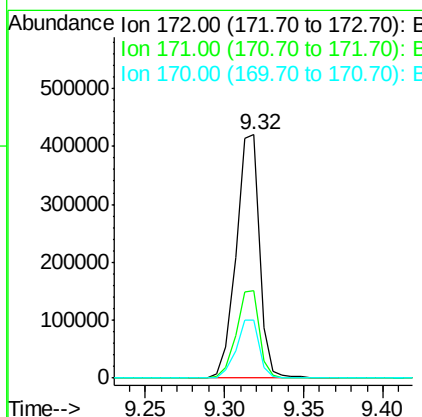
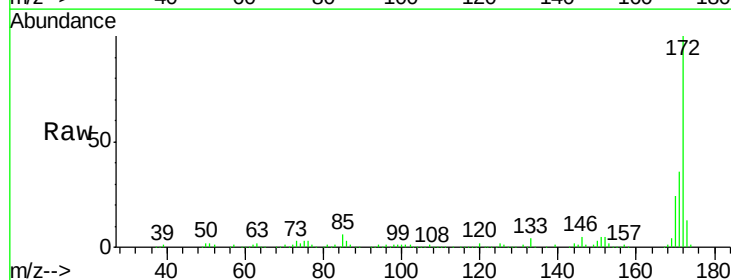
Instrument :
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 HC-SOIL-3

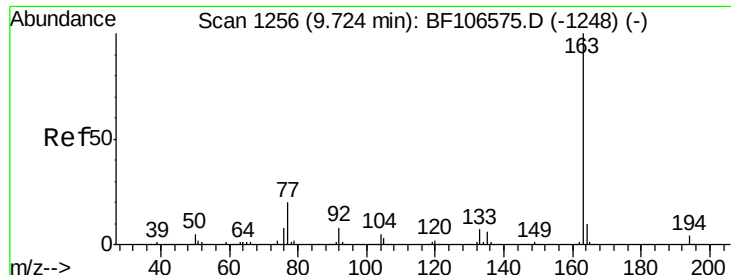
Tgt Ion:330 Resp: 108893
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 23.5 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 88.965 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106724.D
 Acq: 22 Jun 2018 22:21

Tgt Ion:172 Resp: 429012
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.7 19.6 29.4

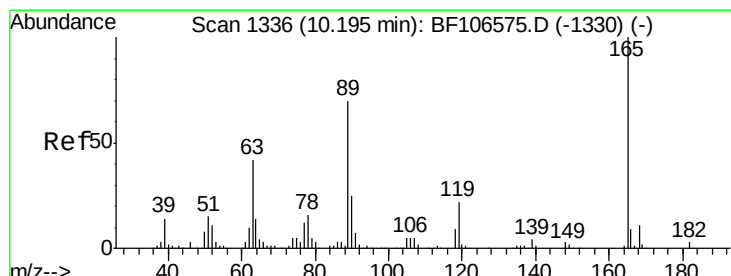
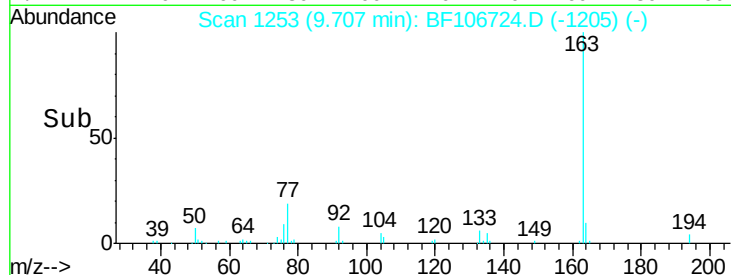
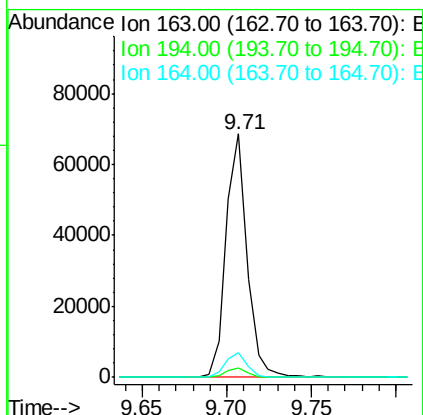
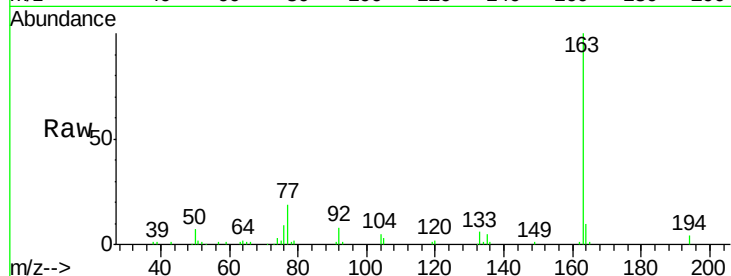




#49
Dimethylphthalate
Concen: 9.664 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106724.D
Acq: 22 Jun 2018 22:21

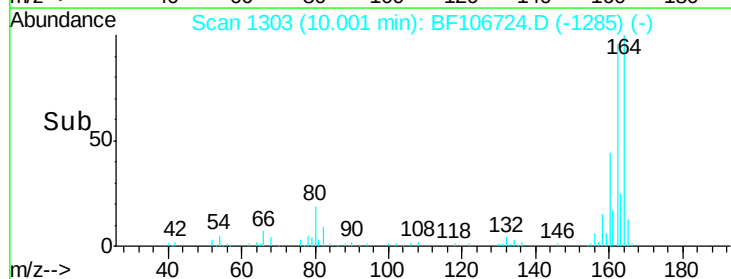
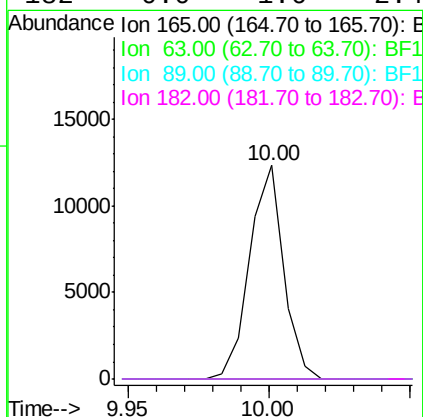
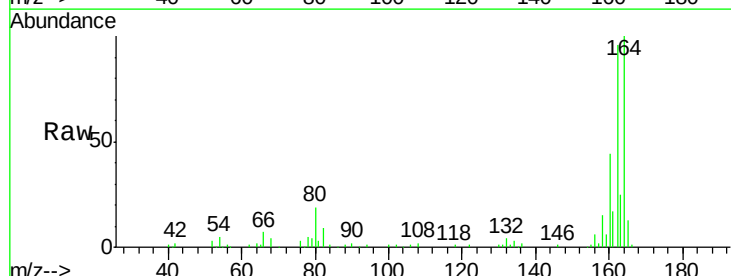
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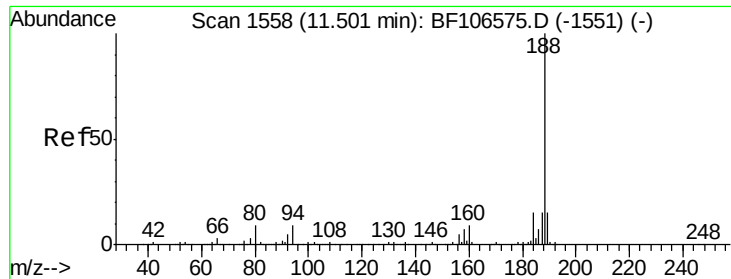
Tgt Ion:163 Resp: 59622
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.057 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106724.D
Acq: 22 Jun 2018 22:21

Tgt Ion:165 Resp: 10329
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

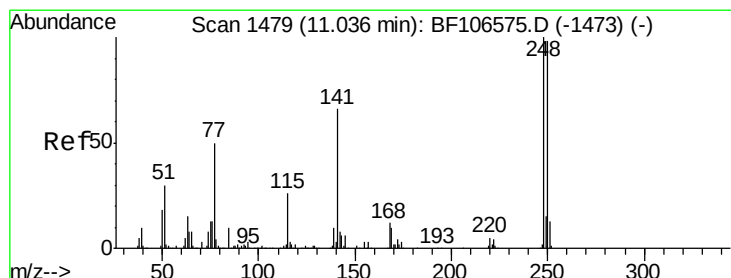
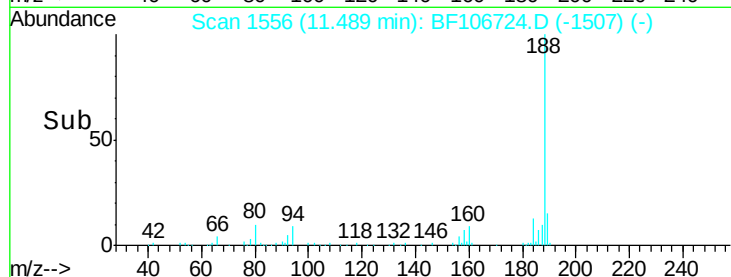
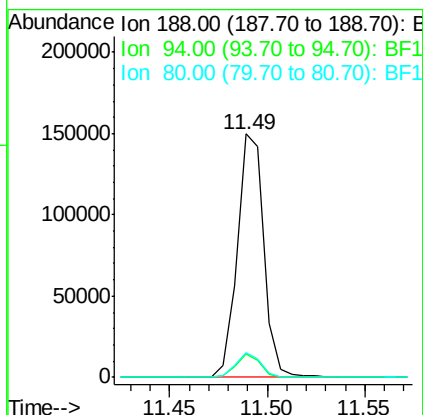
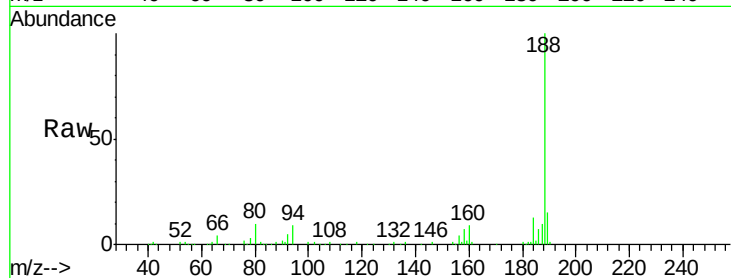




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106724.D
Acq: 22 Jun 2018 22:21

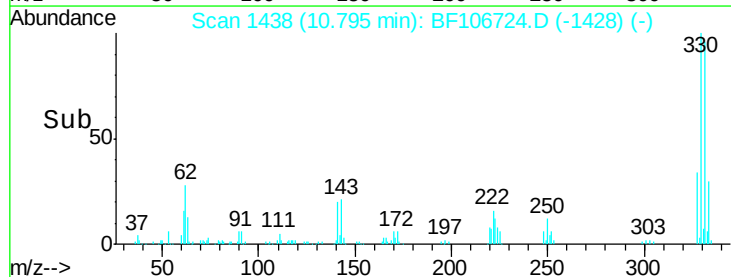
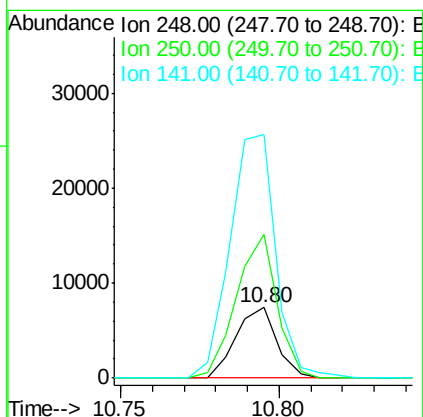
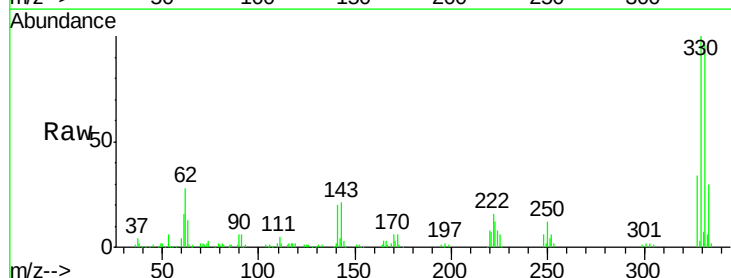
Instrument :
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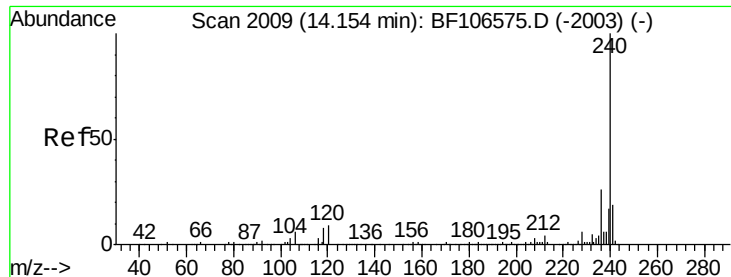
Tgt Ion:188 Resp: 140334
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.957 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106724.D
Acq: 22 Jun 2018 22:21

Tgt Ion:248 Resp: 6628
Ion Ratio Lower Upper
248 100
250 204.3 76.9 115.3#
141 345.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106724.D

Acq: 22 Jun 2018 22:21

Instrument :

BNA_F

ClientSampleId :

HC-SOIL-3

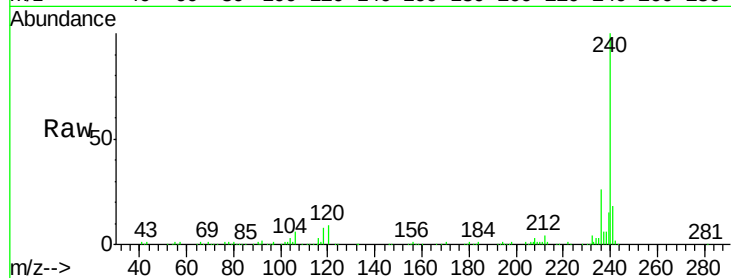
Tgt Ion:240 Resp: 146924

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

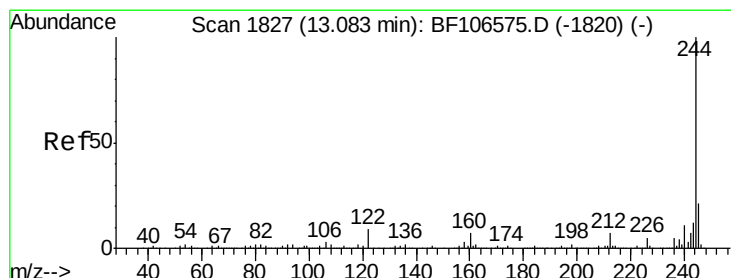
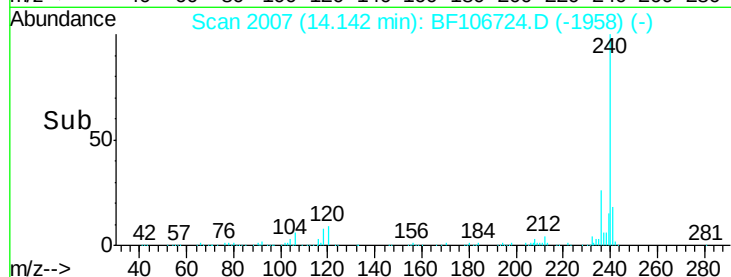
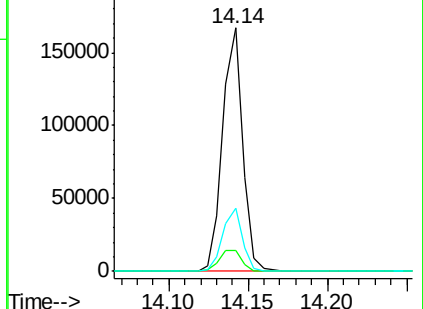
236 25.8 20.7 31.1



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: 70.977 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106724.D

Acq: 22 Jun 2018 22:21

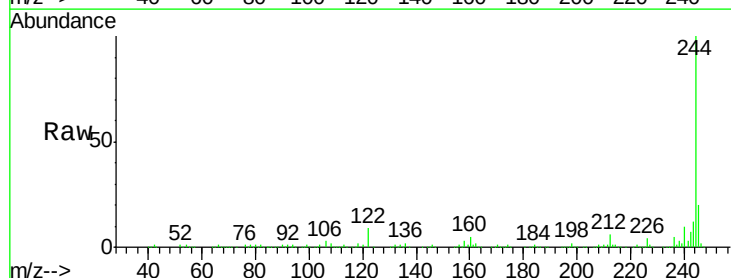
Tgt Ion:244 Resp: 430510

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

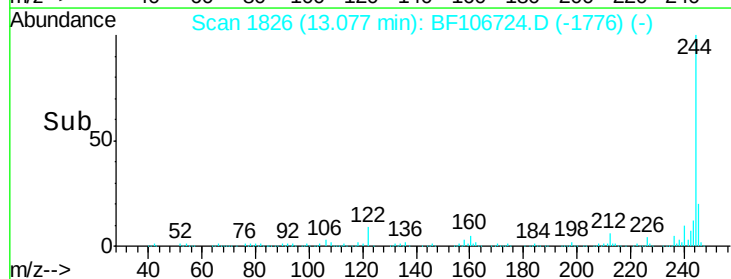
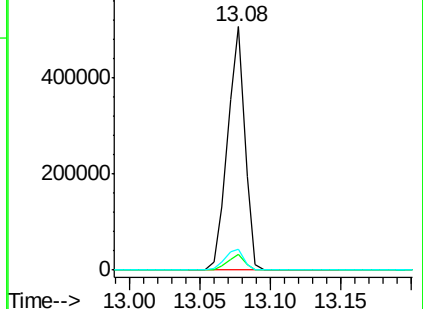
122 8.6 11.0 16.4#

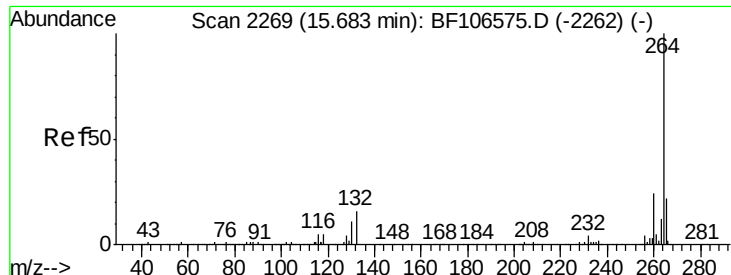


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

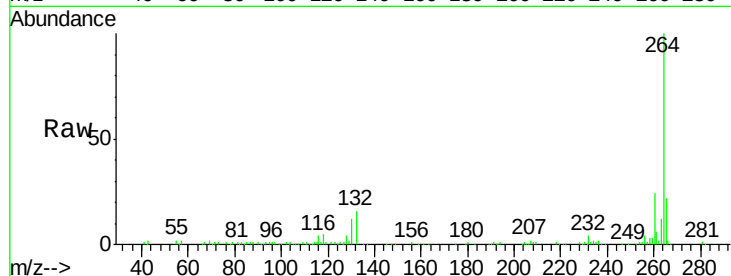




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF106724.D
Acq: 22 Jun 2018 22:21

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-3

Tgt Ion:	264	Resp:	122251
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

