

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106781.D
 Acq On : 25 Jun 2018 19:43
 Operator : JU/SJ
 Sample : J3594-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-3

Quant Time: Jun 26 02:30:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

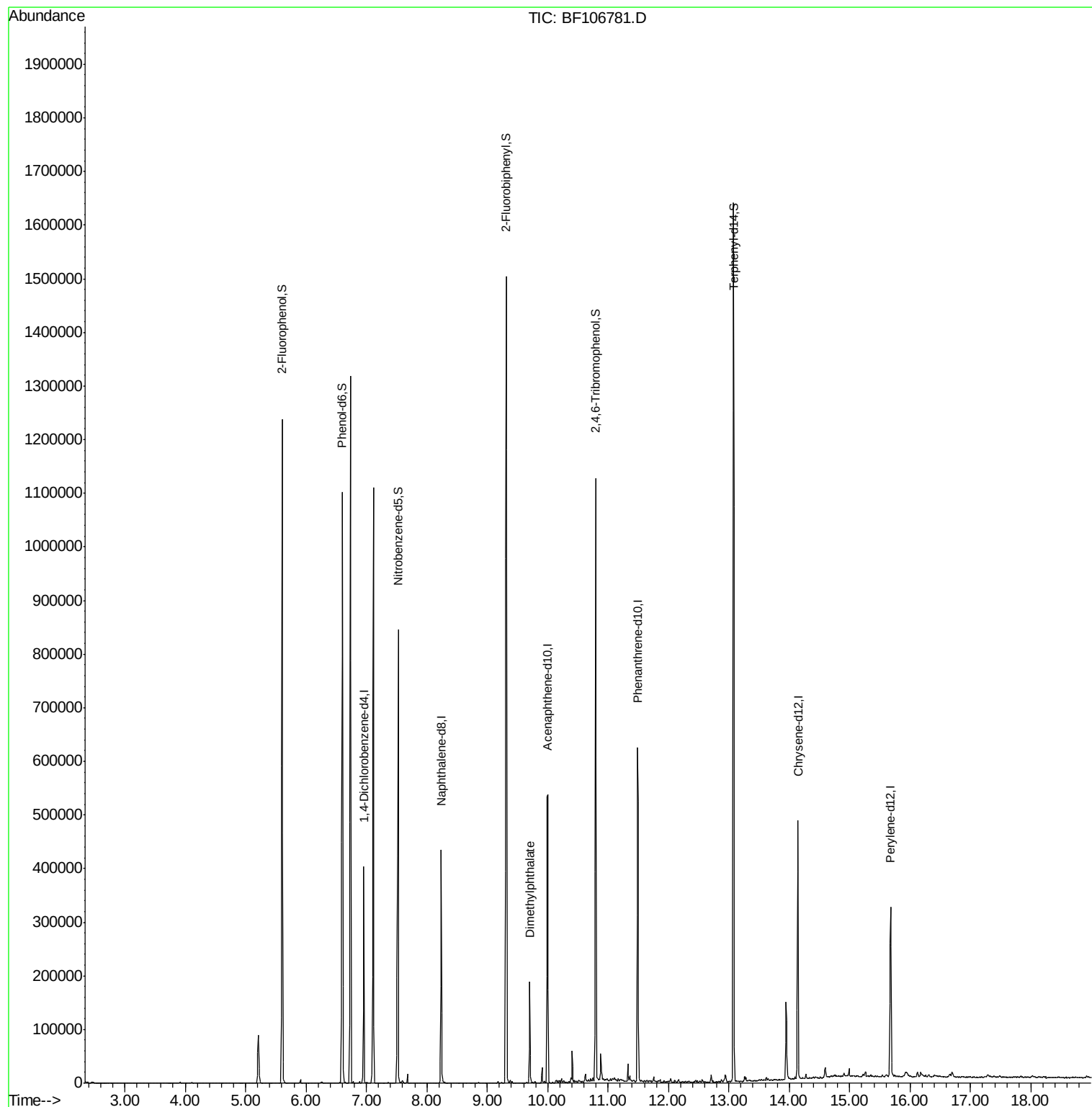
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59640	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	230650	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	122955	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	251609	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	171892	20.00	ng	-0.02
86) Perylene-d12	15.68	264	160473	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	378519	107.47	ng	0.00
7) Phenol-d6	6.60	99	484037	110.05	ng	-0.01
23) Nitrobenzene-d5	7.52	82	315628	76.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	179361	125.86	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	557562	75.02	ng	-0.01
78) Terphenyl-d14	13.08	244	667888	94.12	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	85891	9.314	ng	99

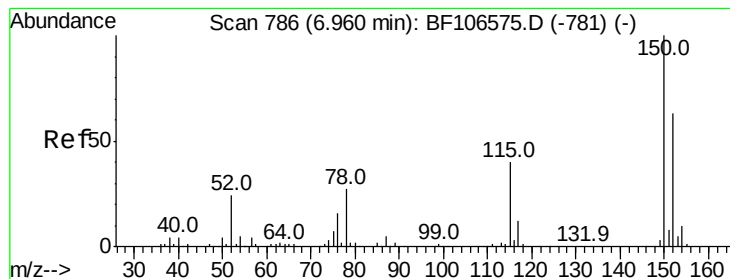
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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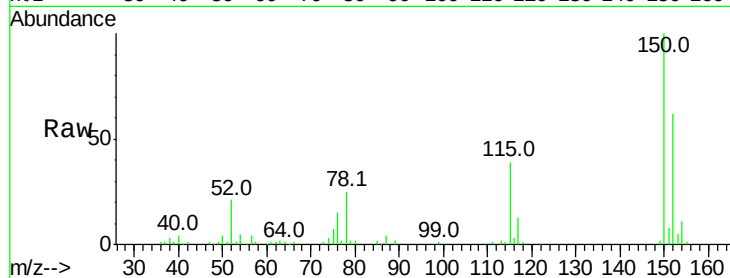


#1

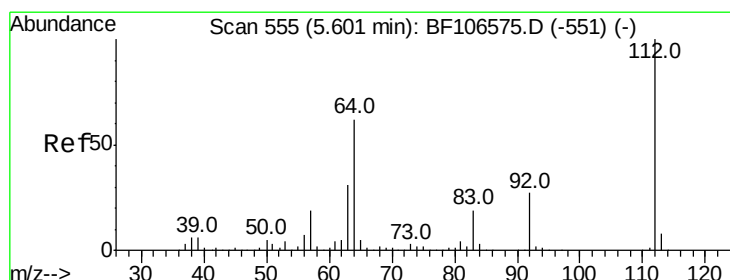
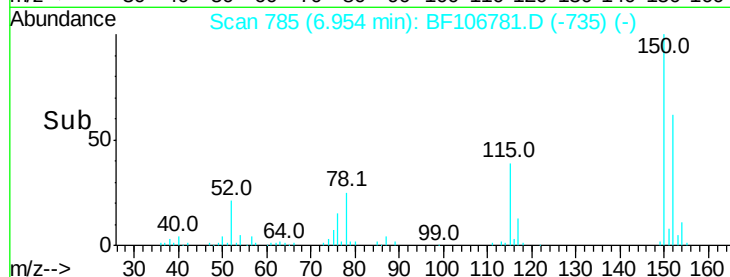
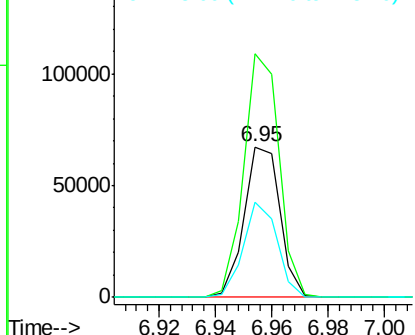
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106781.D
Acq: 25 Jun 2018 19:43

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-3

Tot Ion:152 Resp: 59640
Ion Ratio Lower Upper
152 100
150 161.7 124.6 186.8
115 63.0 50.1 75.1



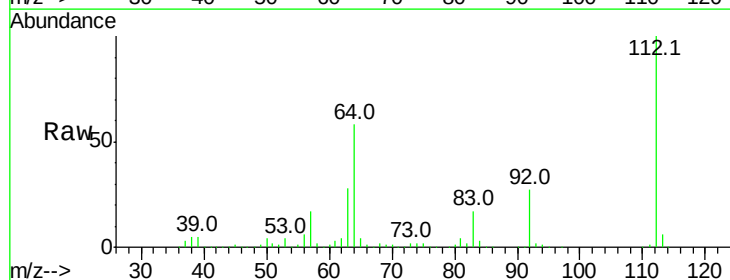
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



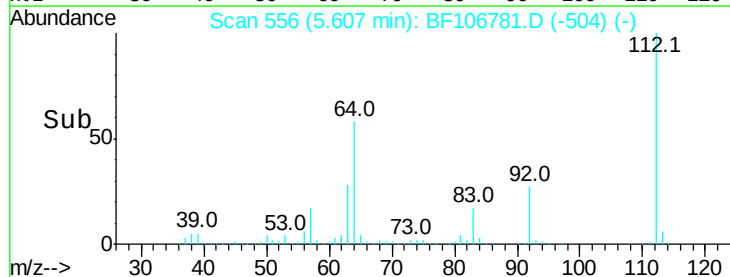
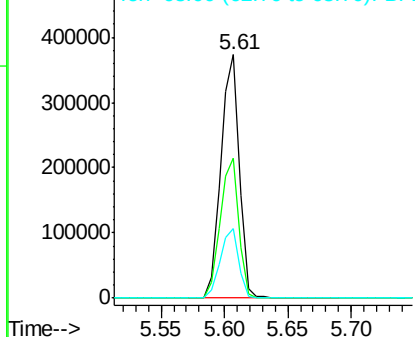
#5

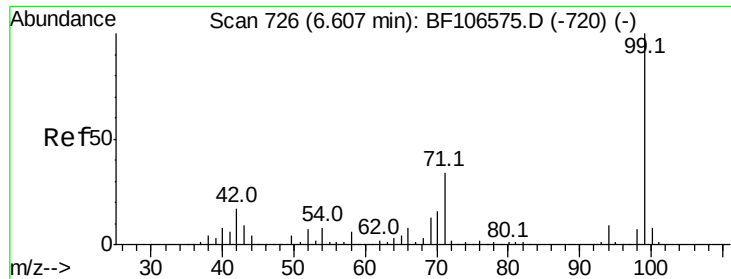
2-Fluorophenol
Concen: 107.470 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106781.D
Acq: 25 Jun 2018 19:43

Tgt Ion:112 Resp: 378519
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 28.4 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: 110.049 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106781.D

Acq: 25 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

HC-SOIL-3

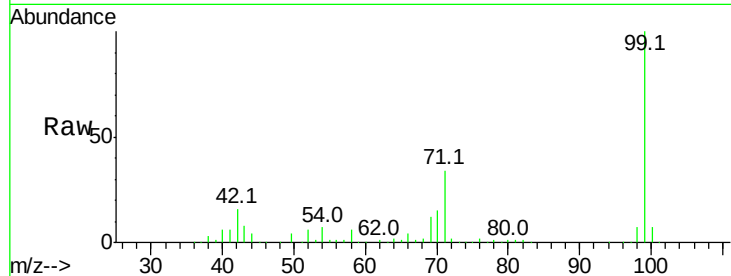
Tot Ion: 99 Resp: 484037

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

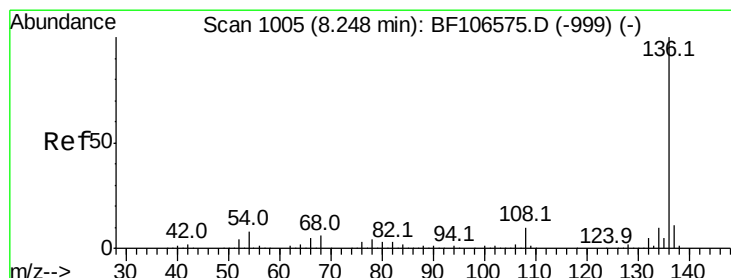
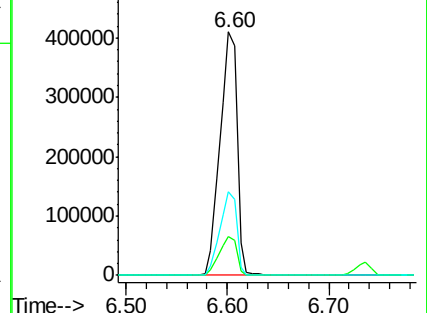
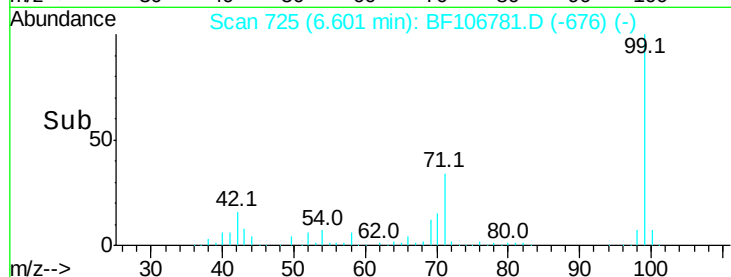
71 34.1 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106781.D

Acq: 25 Jun 2018 19:43

Tgt Ion: 136 Resp: 230650

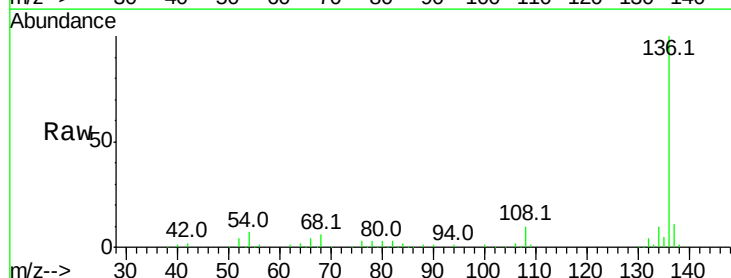
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.3 6.6 9.8

68 5.7 5.0 7.4

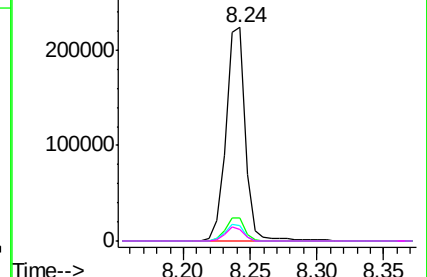
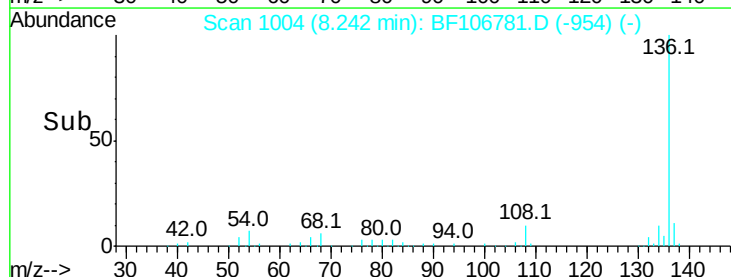


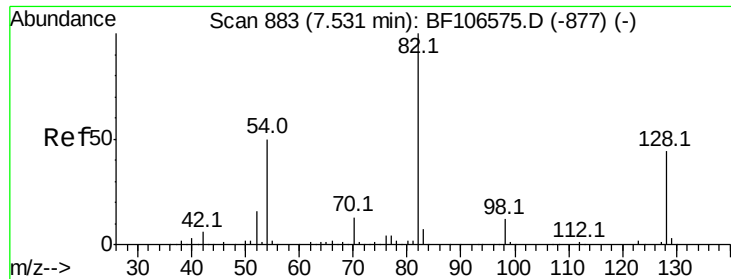
Abundance Ion 136.00 (135.70 to 136.70): E

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

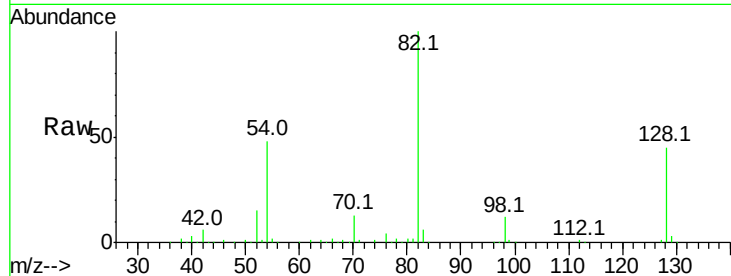




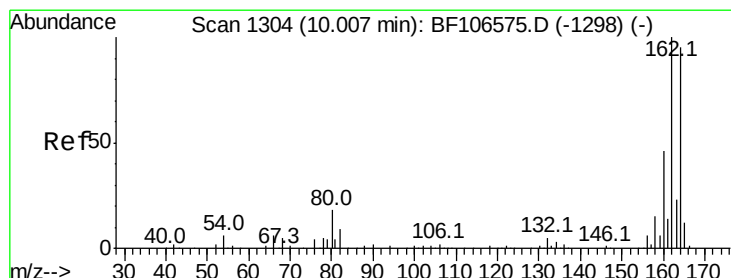
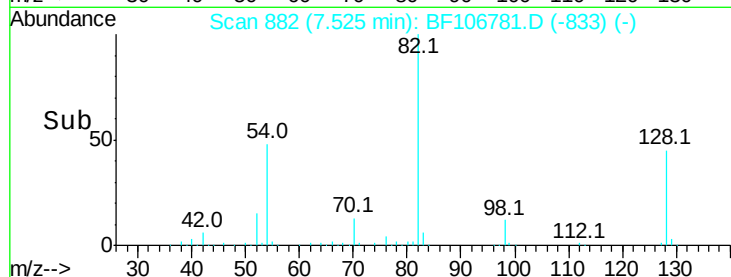
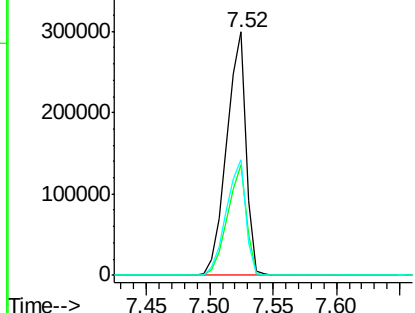
#23
Nitrobenzene-d5
Concen: 76.048 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106781.D
Acq: 25 Jun 2018 19:43

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-3

Tot Ion	82	Resp	315628
Ion Ratio	Lower	Upper	
82	100		
128	45.2	36.1	54.1
54	47.7	41.4	62.2

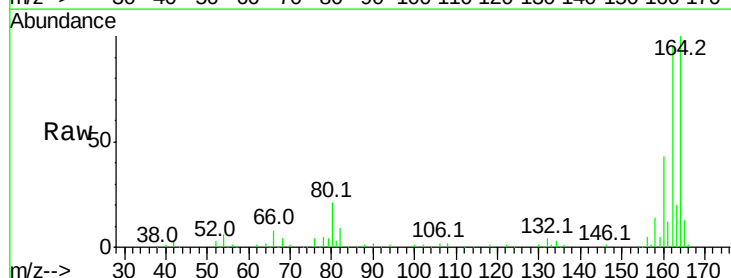


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

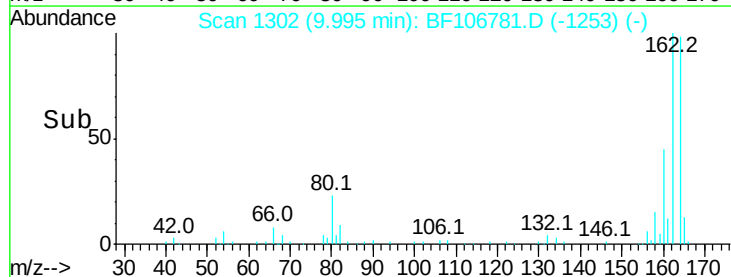
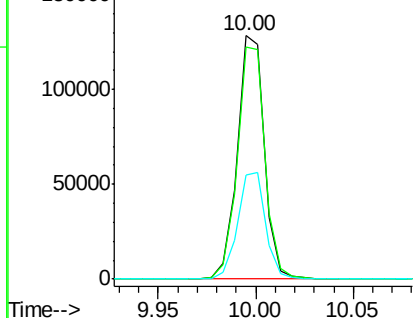


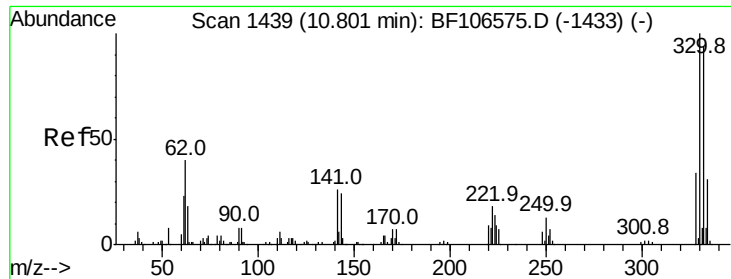
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106781.D
Acq: 25 Jun 2018 19:43

Tgt Ion	164	Resp	122955
Ion Ratio	Lower	Upper	
164	100		
162	95.4	86.1	129.1
160	42.8	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

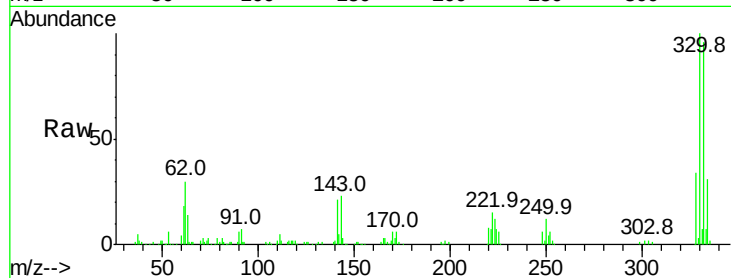




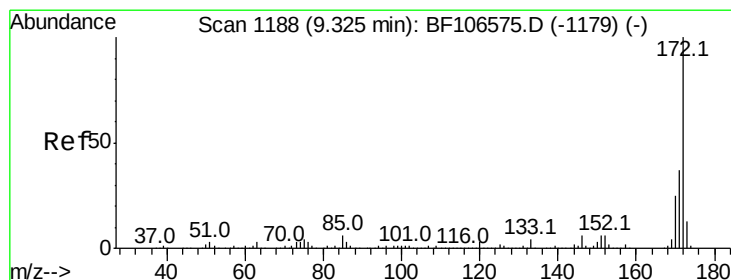
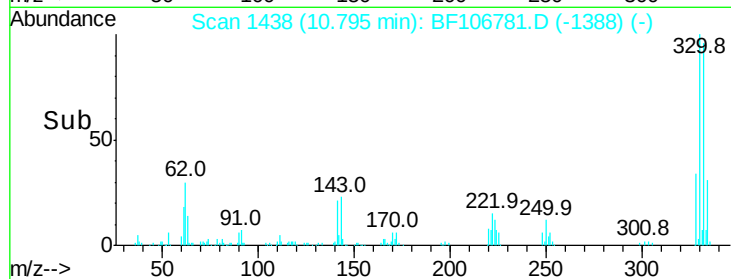
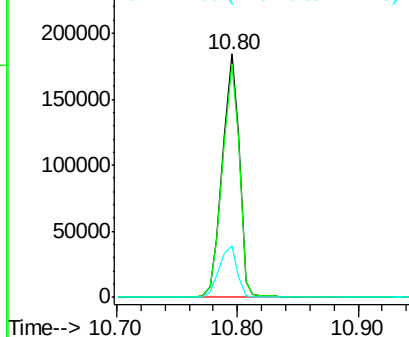
#41
 2,4,6-Tribromophenol
 Concen: 125.860 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106781.D
 Acq: 25 Jun 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	22.2	29.9	44.9#

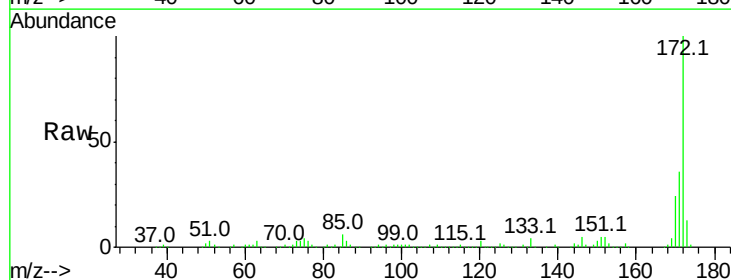


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

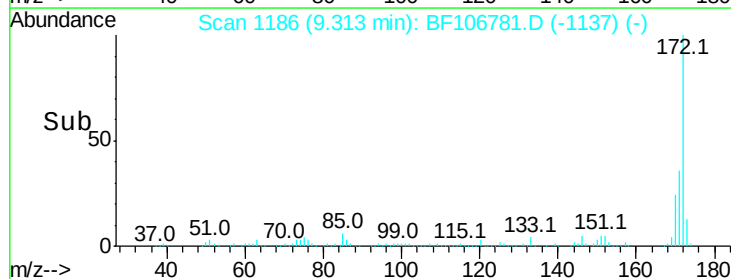
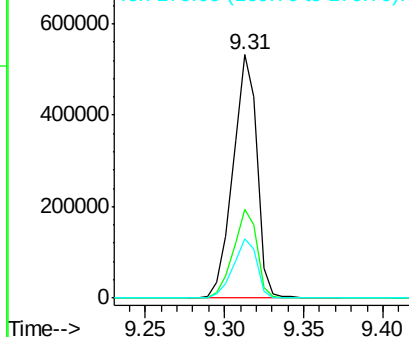


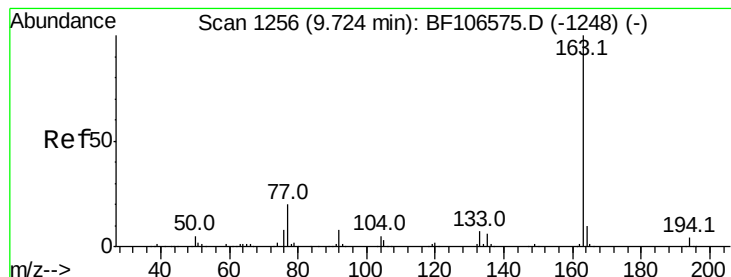
#44
 2-Fluorobiphenyl
 Concen: 75.024 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106781.D
 Acq: 25 Jun 2018 19:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	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: 9.314 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106781.D

Acq: 25 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

HC-SOIL-3

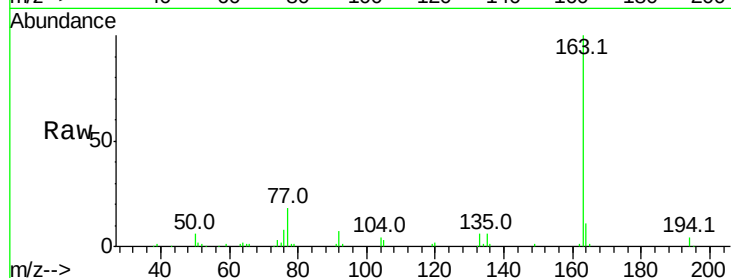
Tot Ion:163 Resp: 85891

Ion Ratio Lower Upper

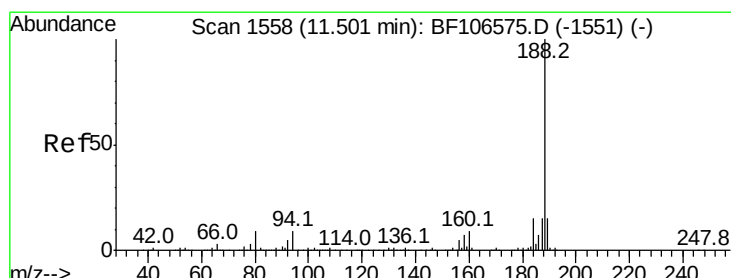
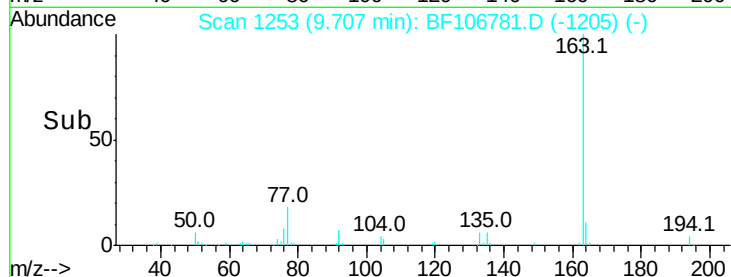
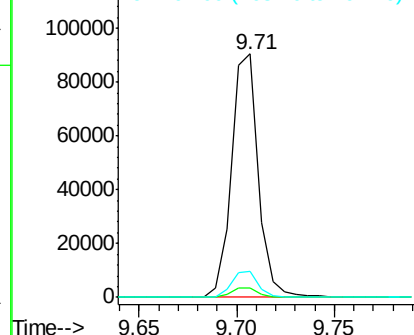
163 100

194 3.7 2.7 4.1

164 10.6 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: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106781.D

Acq: 25 Jun 2018 19:43

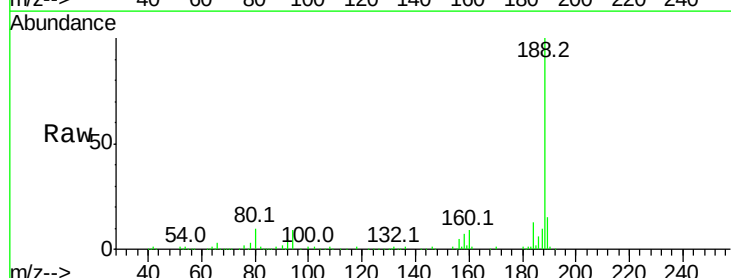
Tgt Ion:188 Resp: 251609

Ion Ratio Lower Upper

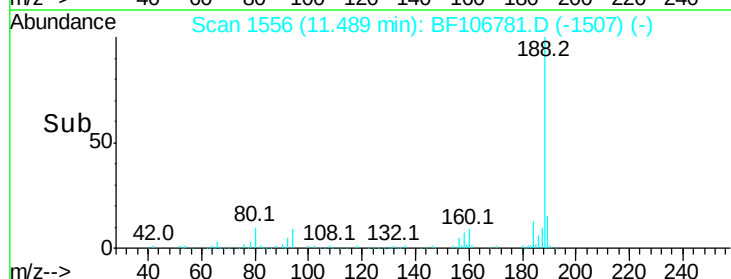
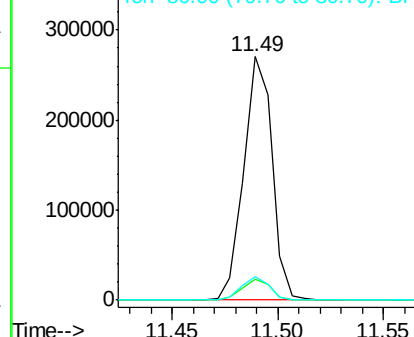
188 100

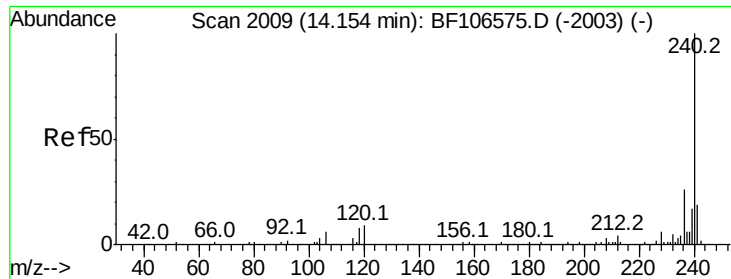
94 8.7 8.5 12.7

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: BF106781.D

Acq: 25 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

HC-SOIL-3

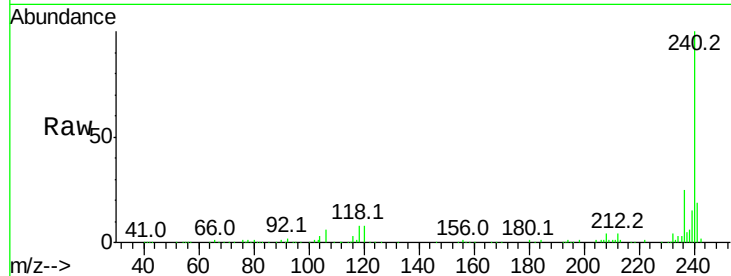
Tot Ion:240 Resp: 171892

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

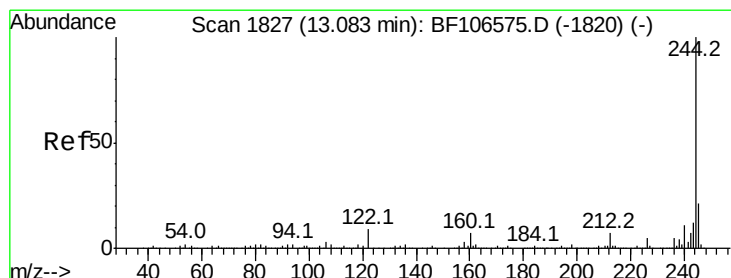
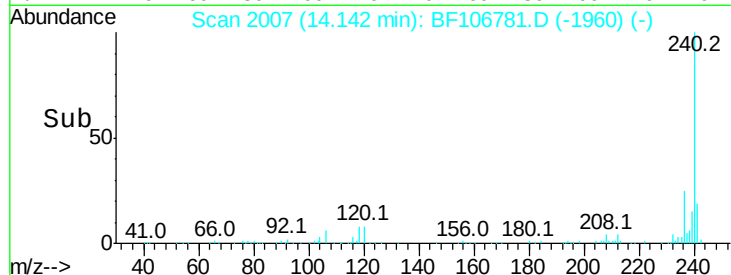
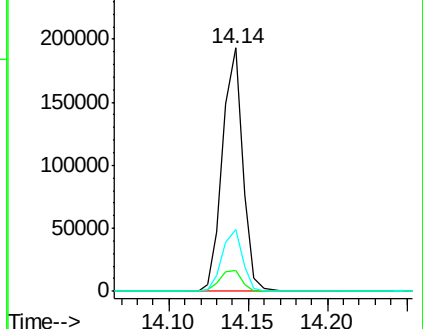
236 25.1 20.7 31.1



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: 94.119 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106781.D

Acq: 25 Jun 2018 19:43

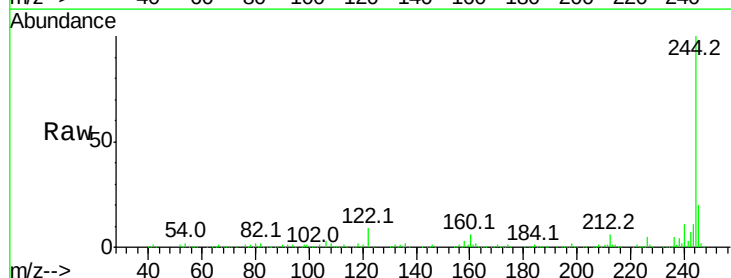
Tgt Ion:244 Resp: 667888

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

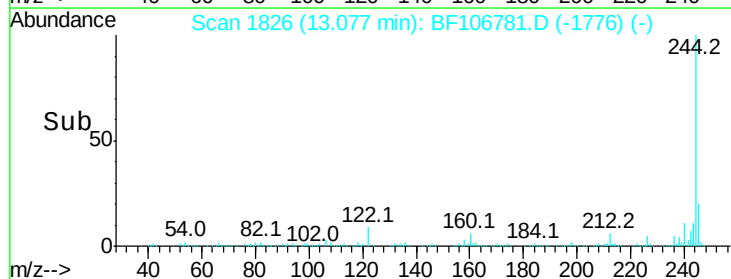
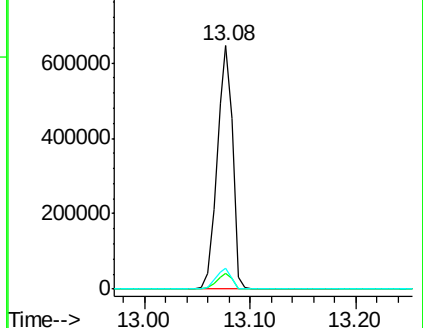
122 8.6 11.0 16.4#

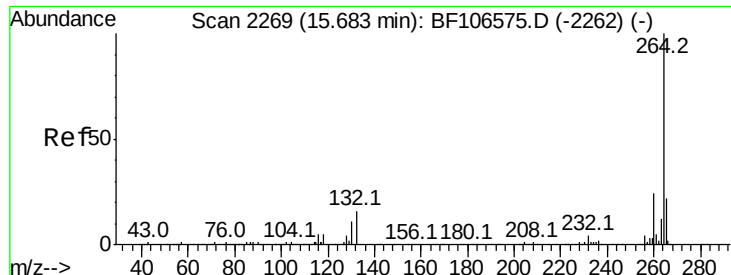


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

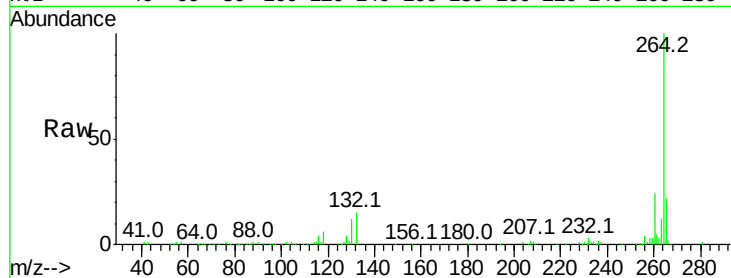




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106781.D
 Acq: 25 Jun 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	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

