

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
 Data File : BF107181.D
 Acq On : 6 Jul 2018 19:00
 Operator : JU/SJ
 Sample : J3852-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-2

Quant Time: Jul 06 23:06:59 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

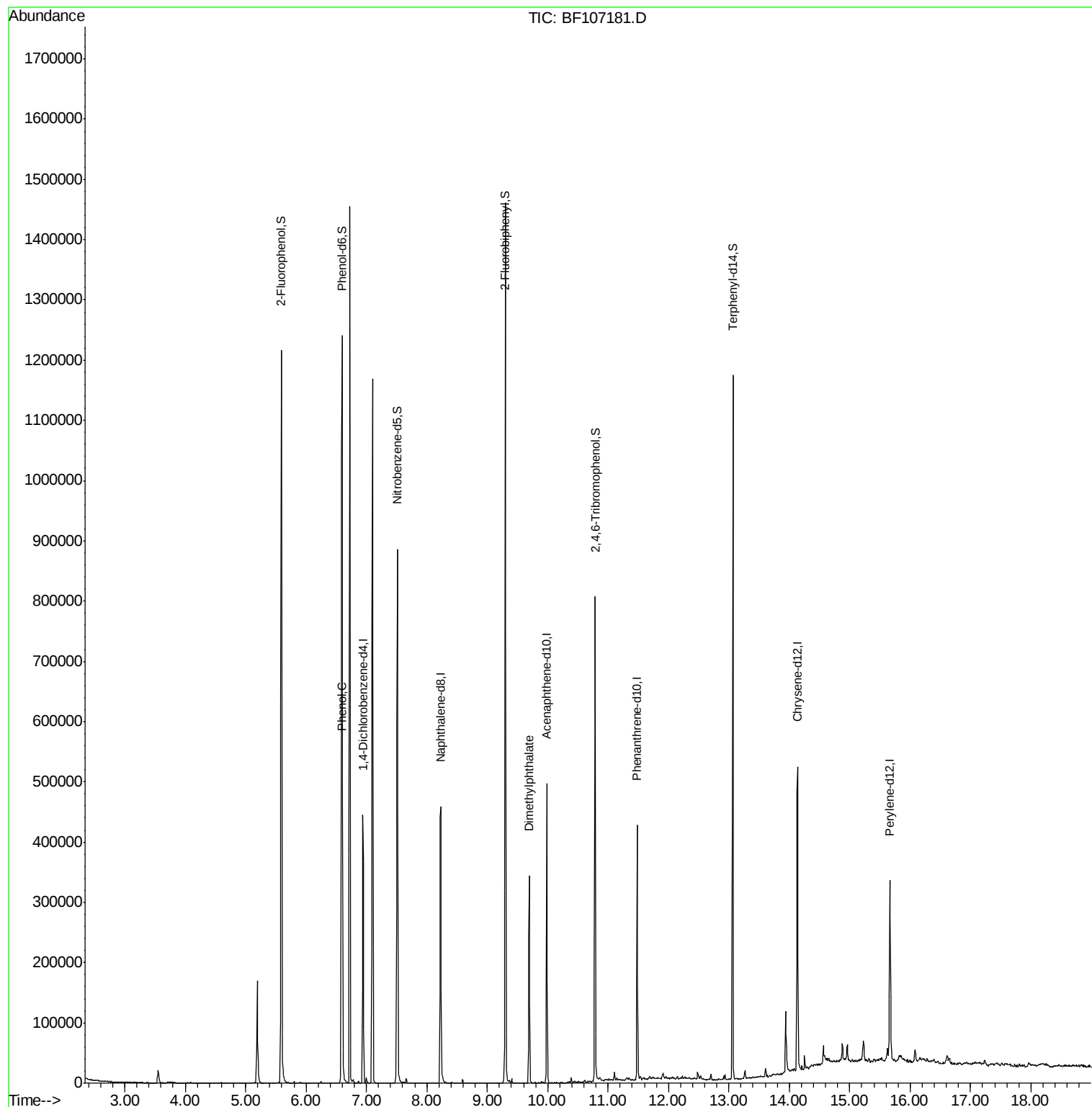
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	65780	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	246218	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	105965	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	171660	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	189786	20.00	ng	-0.03
86) Perylene-d12	15.67	264	146548	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	398711	102.64	ng	0.00
7) Phenol-d6	6.60	99	497027	102.45	ng	-0.02
23) Nitrobenzene-d5	7.51	82	309308	69.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	117926	96.02	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	481965	75.30	ng	-0.02
78) Terphenyl-d14	13.07	244	437205	55.80	ng	-0.02
Target Compounds						
10) Phenol	6.61	94	13553	2.448	ng	94
49) Dimethylphthalate	9.70	163	141896	17.854	ng	99

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

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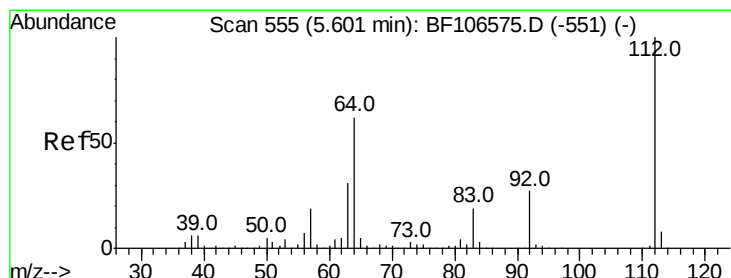
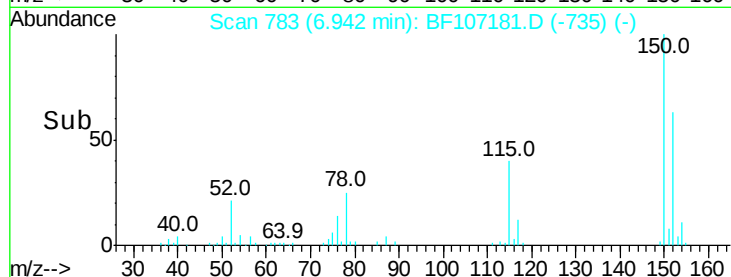
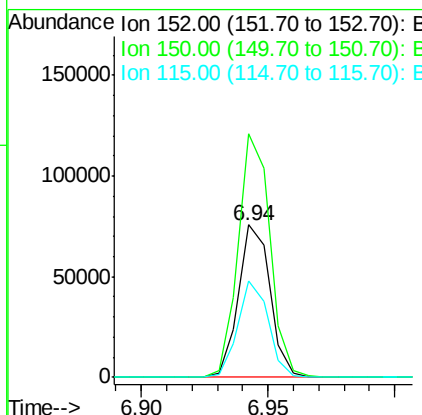
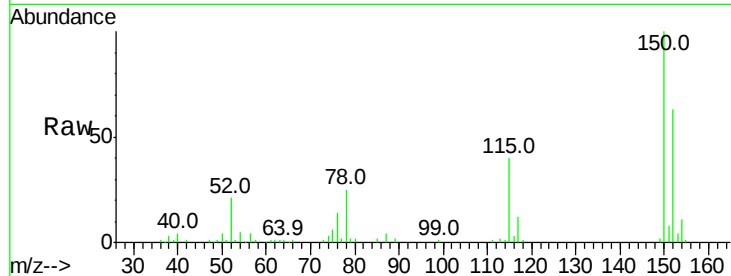


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107181.D
Acq: 6 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

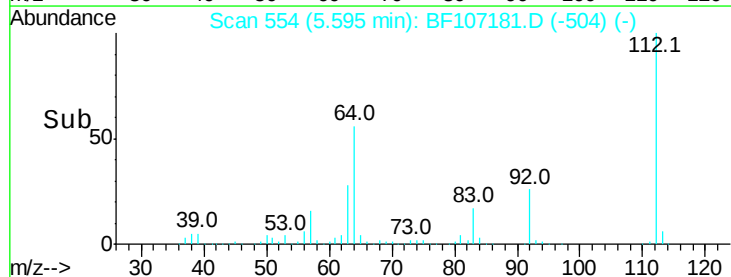
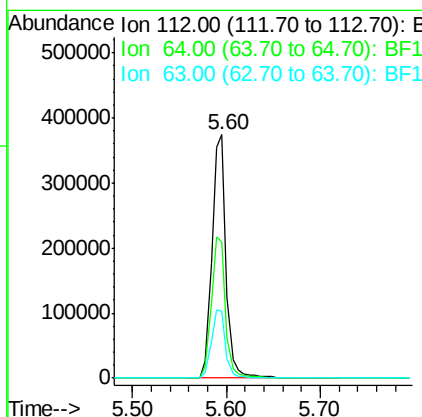
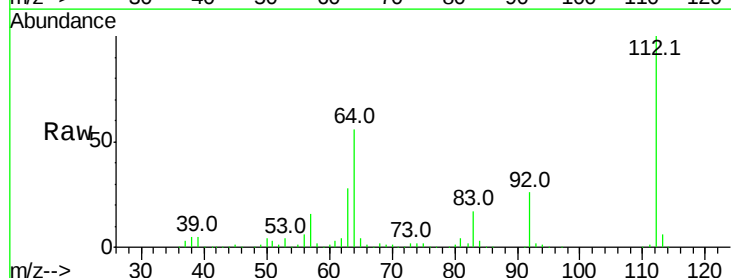
Tot Ion:152 Resp: 65780
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 63.4 50.1 75.1



#5

2-Fluorophenol
Concen: 102.637 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107181.D
Acq: 6 Jul 2018 19:00

Tgt Ion:112 Resp: 398711
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 27.7 23.7 35.5





#7

Phenol-d6

Concen: 102.454 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107181.D

Acq: 6 Jul 2018 19:00

Instrument :

BNA_F

ClientSampleId :

HC-SOIL-2

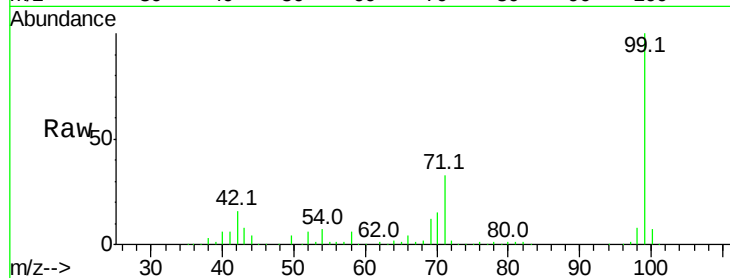
Tot Ion: 99 Resp: 497027

Ion Ratio Lower Upper

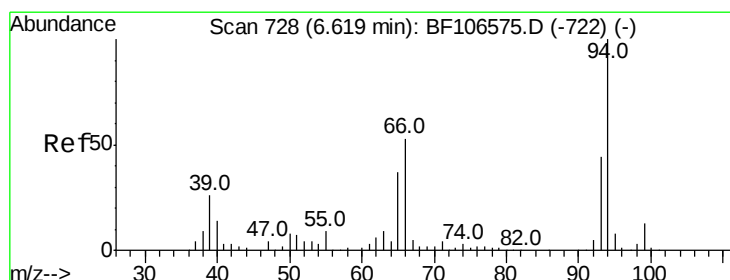
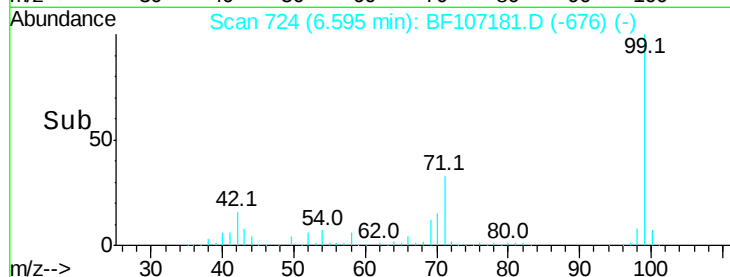
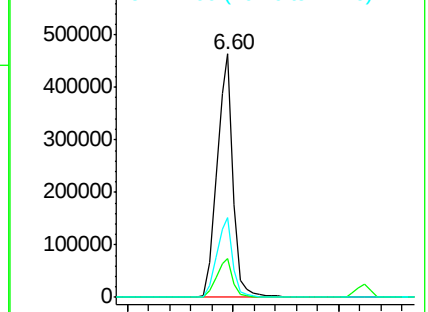
99 100

42 15.9 14.5 21.7

71 32.7 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: 2.448 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107181.D

Acq: 6 Jul 2018 19:00

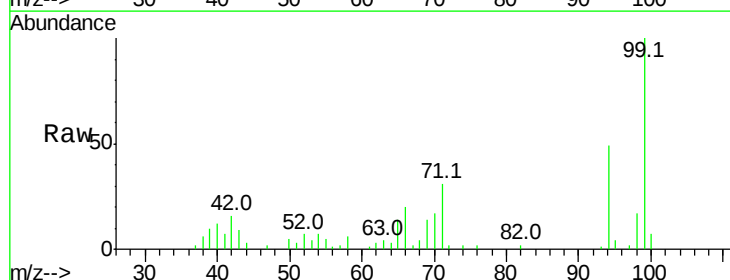
Tgt Ion: 94 Resp: 13553

Ion Ratio Lower Upper

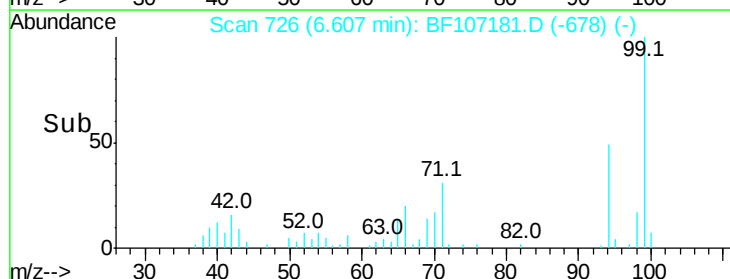
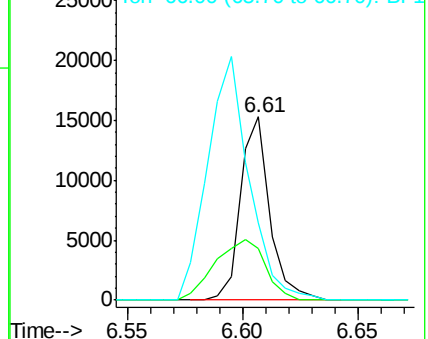
94 100

65 28.0 7.9 47.9

66 41.9 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

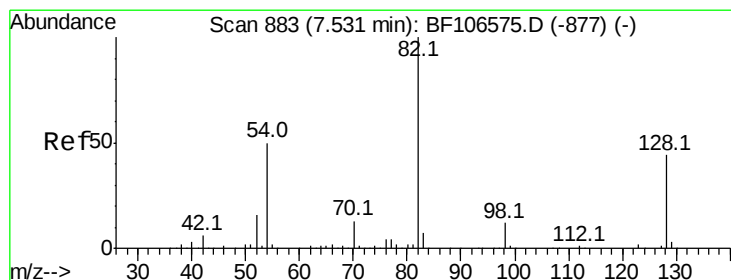
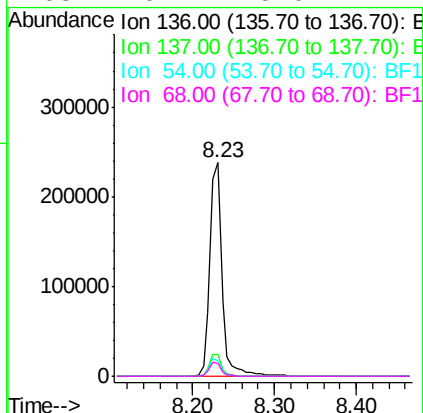
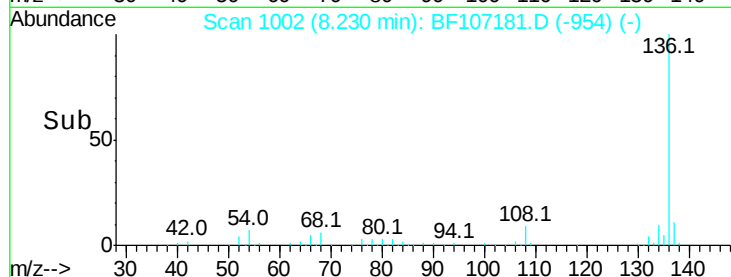
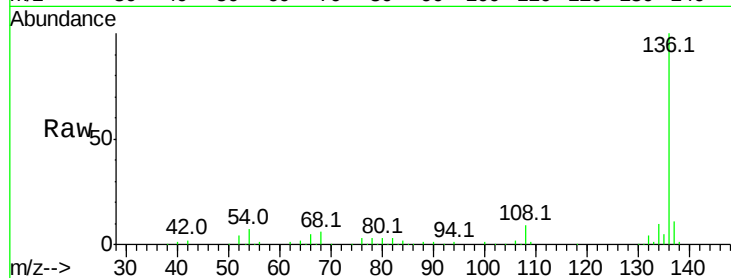




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107181.D
Acq: 6 Jul 2018 19:00

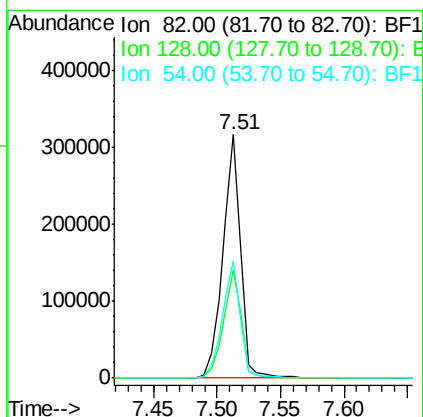
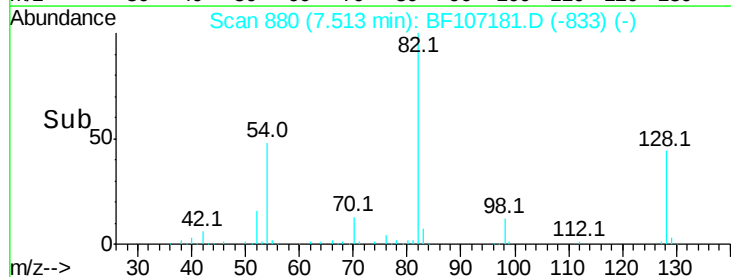
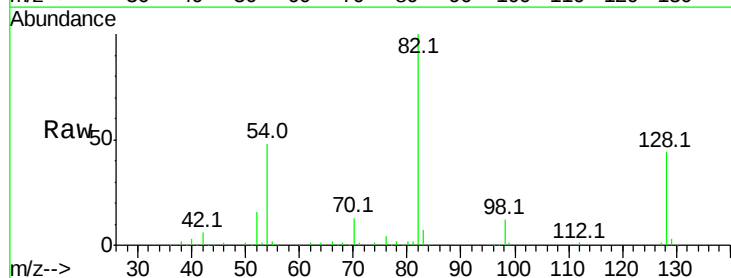
Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

Tot Ion:	136	Resp:	246218
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.4	6.6	9.8
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 69.813 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107181.D
Acq: 6 Jul 2018 19:00

Tgt Ion:	82	Resp:	309308
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	48.2	41.4	62.2

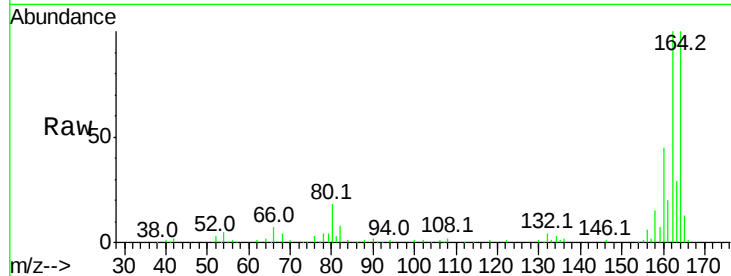




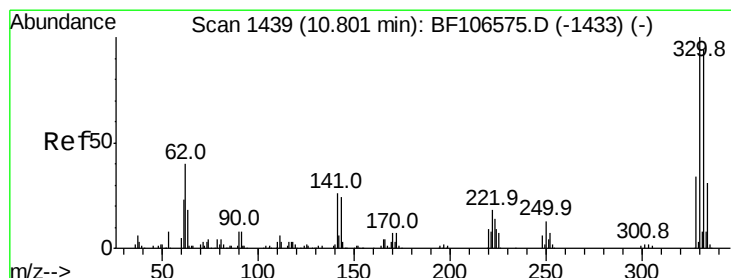
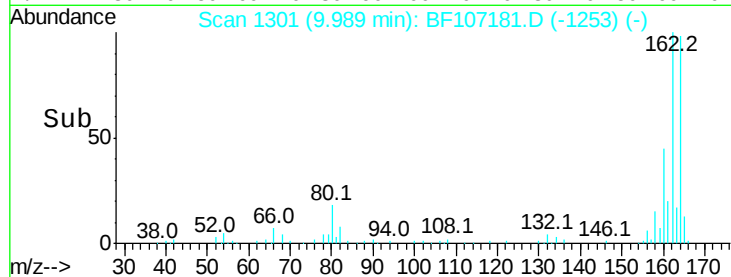
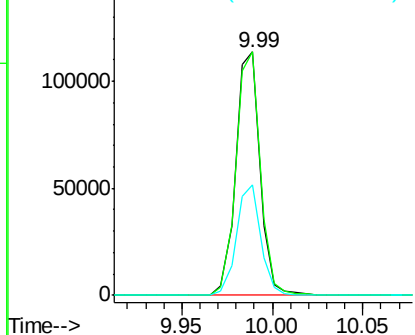
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107181.D
Acq: 6 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

Tot Ion:164 Resp: 105965
Ion Ratio Lower Upper
164 100
162 100.0 86.1 129.1
160 45.4 38.3 57.5

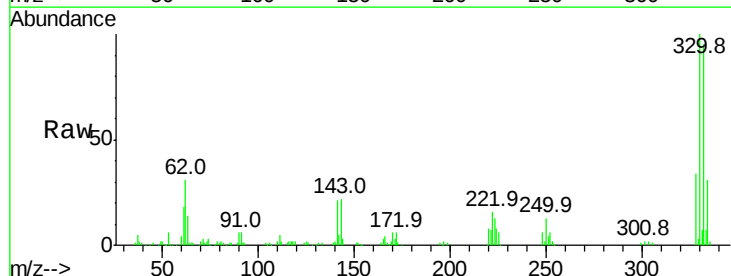


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

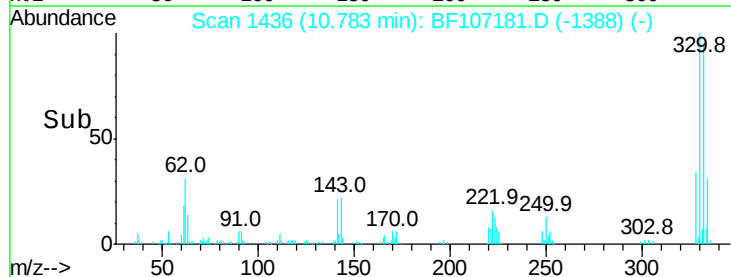
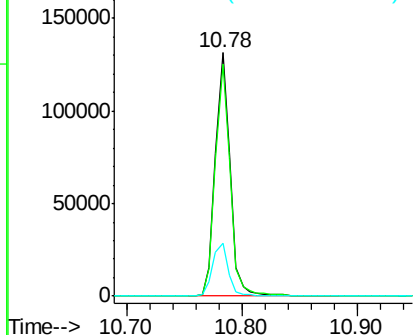


#41
2,4,6-Tribromophenol
Concen: 96.018 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107181.D
Acq: 6 Jul 2018 19:00

Tgt Ion:330 Resp: 117926
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 23.0 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

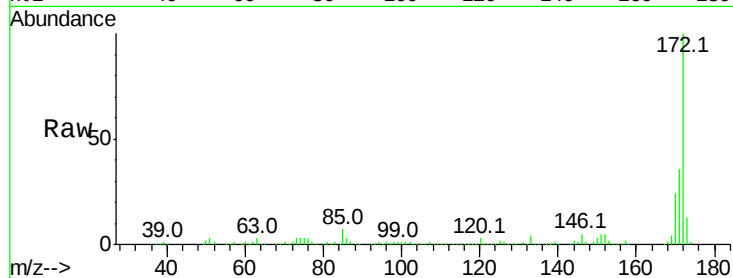




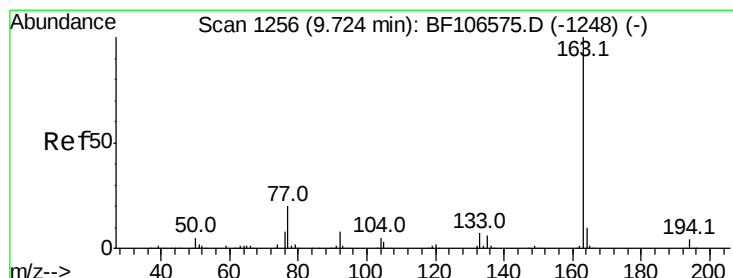
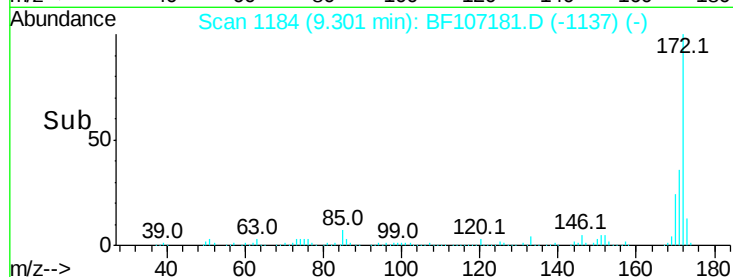
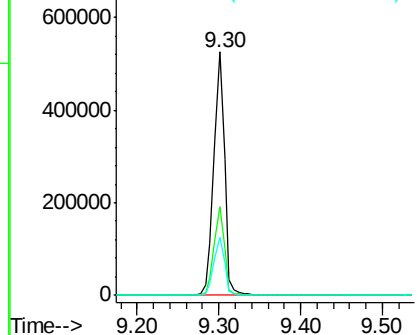
#44
2-Fluorobiphenyl
Concen: 75.304 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107181.D
Acq: 6 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

Tot Ion:172 Resp: 481965
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.0 19.6 29.4

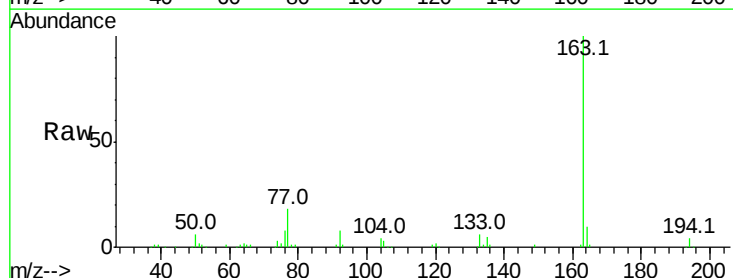


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

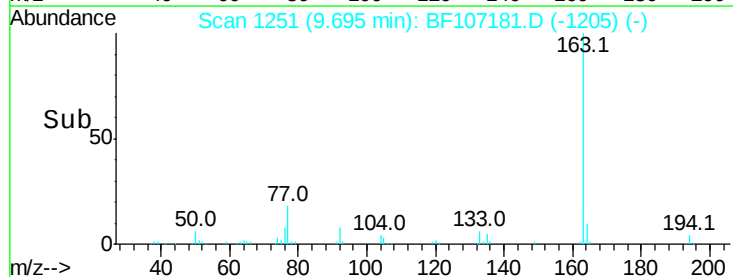
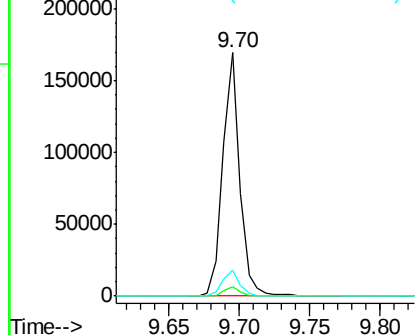


#49
Dimethylphthalate
Concen: 17.854 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107181.D
Acq: 6 Jul 2018 19:00

Tgt Ion:163 Resp: 141896
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.5 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

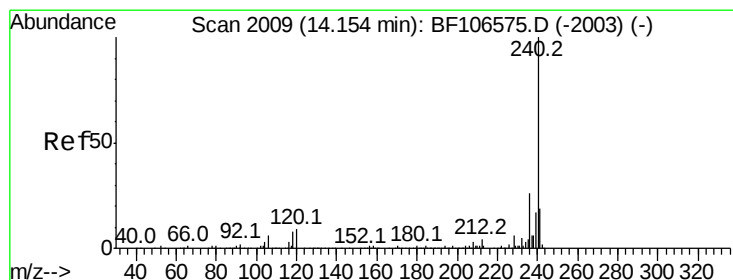
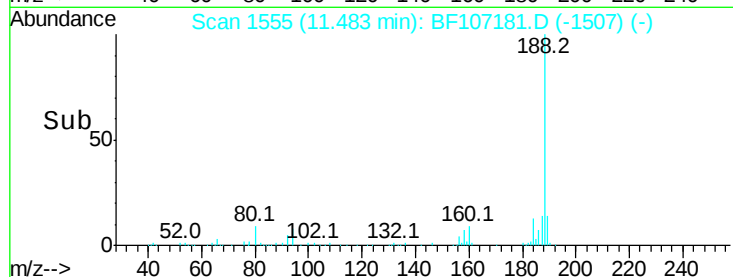
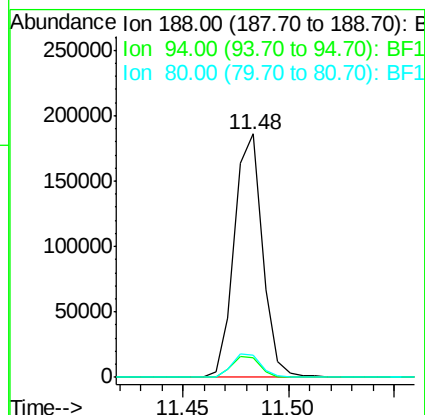
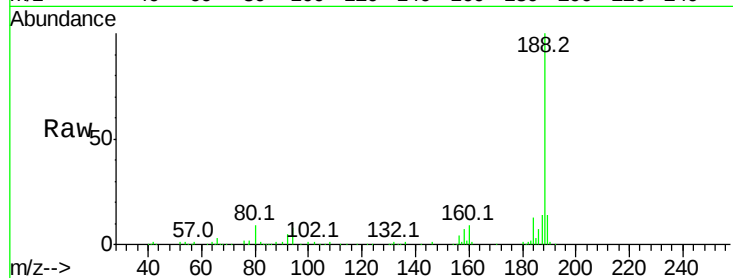




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107181.D
Acq: 6 Jul 2018 19:00

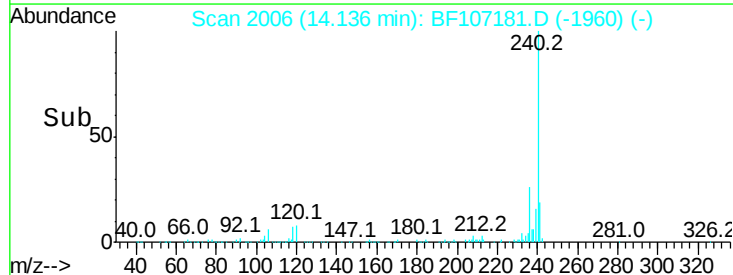
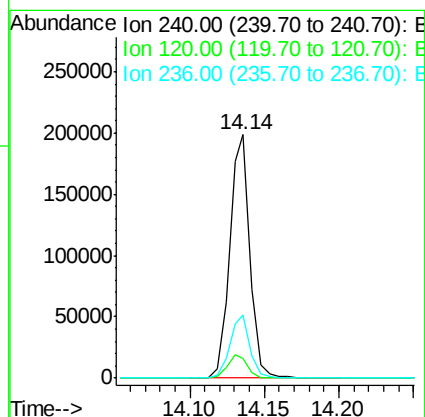
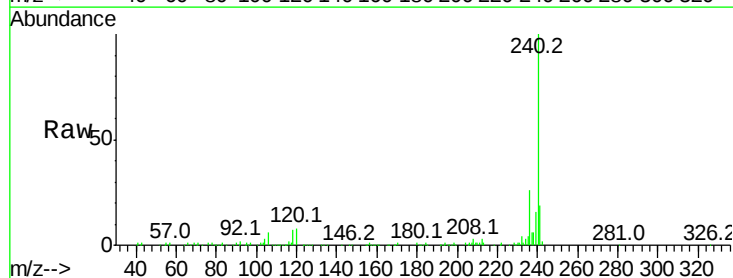
Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

Tot Ion:188 Resp: 171660
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 9.0 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: BF107181.D
Acq: 6 Jul 2018 19:00

Tgt Ion:240 Resp: 189786
Ion Ratio Lower Upper
240 100
120 8.3 9.5 14.3#
236 26.0 20.7 31.1

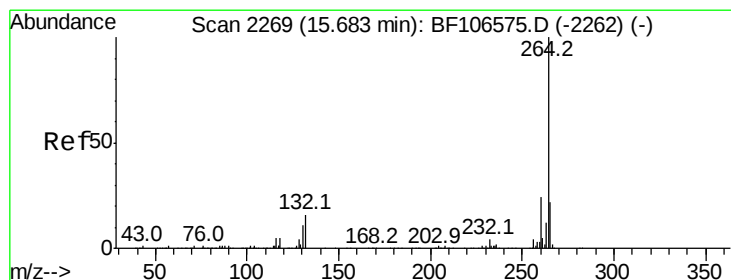
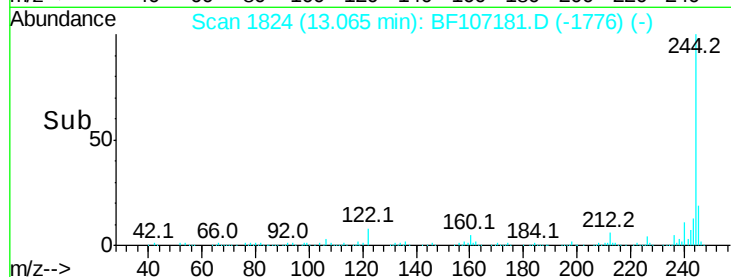
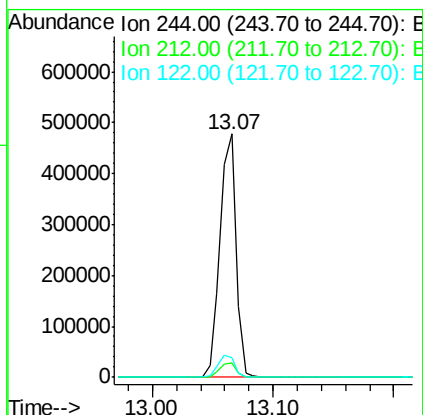
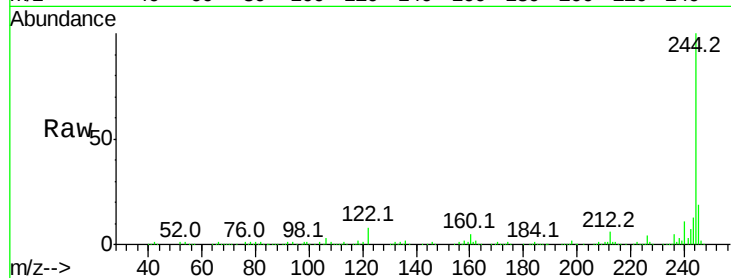




#78
 Terphenyl-d14
 Concen: 55.802 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107181.D
 Acq: 6 Jul 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-2

Tot Ion:244 Resp: 437205
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 8.1 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107181.D
 Acq: 6 Jul 2018 19:00

Tgt Ion:264 Resp: 146548
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.7 17.5 26.3

