

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106723.D
 Acq On : 22 Jun 2018 21:55
 Operator : JU/SJ
 Sample : J3594-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-2

Quant Time: Jun 23 00:13:40 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

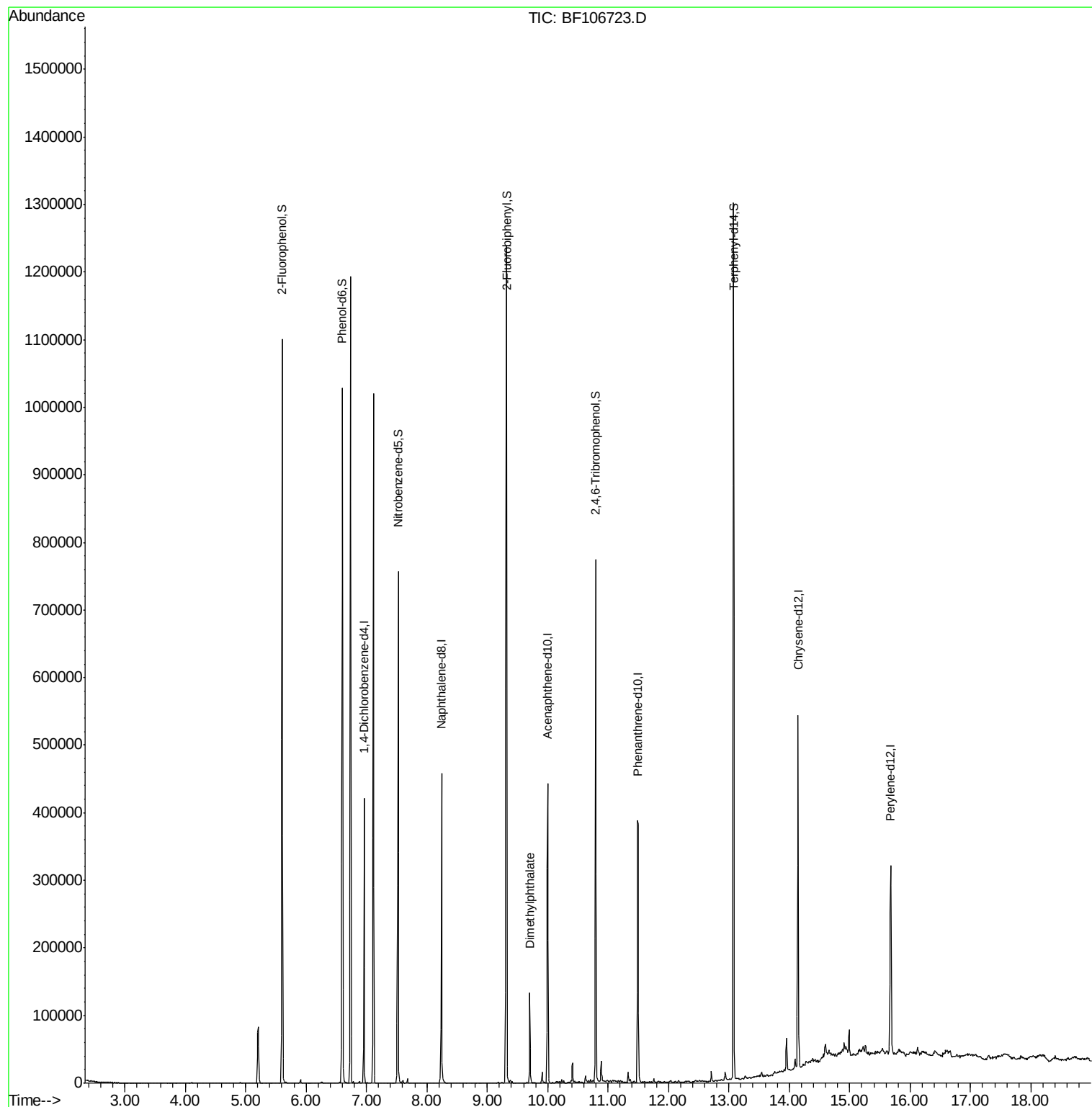
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	56969	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	205386	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	90234	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	158325	20.00	ng	0.00
75) Chrysene-d12	14.14	240	167103	20.00	ng	-0.01
86) Perylene-d12	15.68	264	142494	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	334297	99.36	ng	0.00
7) Phenol-d6	6.60	99	415977	99.01	ng	0.00
23) Nitrobenzene-d5	7.52	82	262788	71.11	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	109183	104.40	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	449291	84.13	ng	0.00
78) Terphenyl-d14	13.08	244	463646	67.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	54718	8.085	ng	Qvalue 100

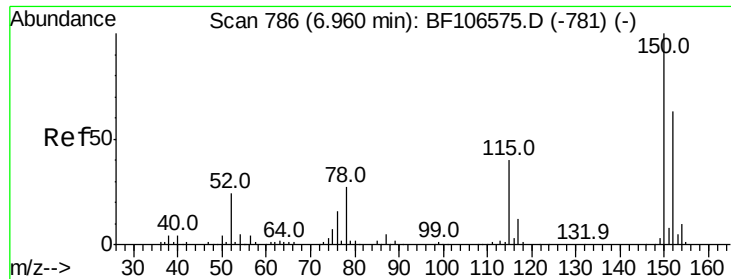
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



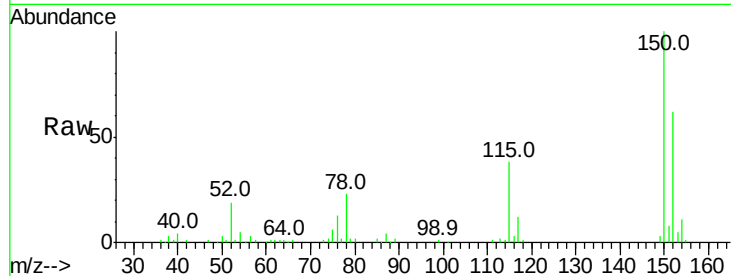


#1

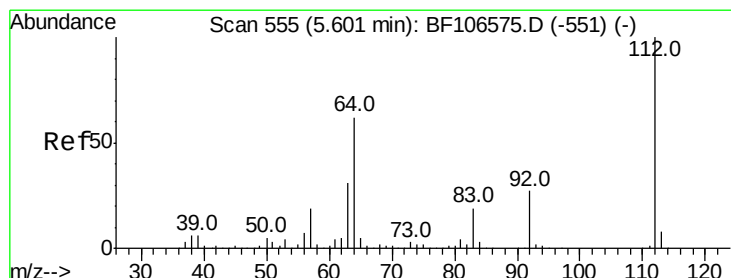
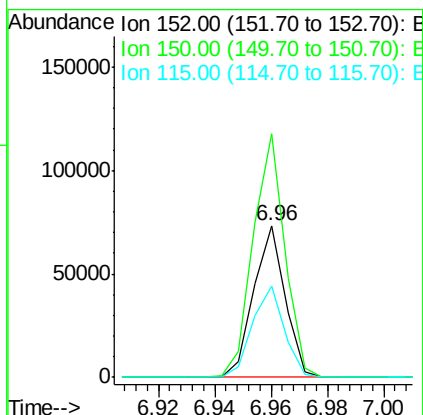
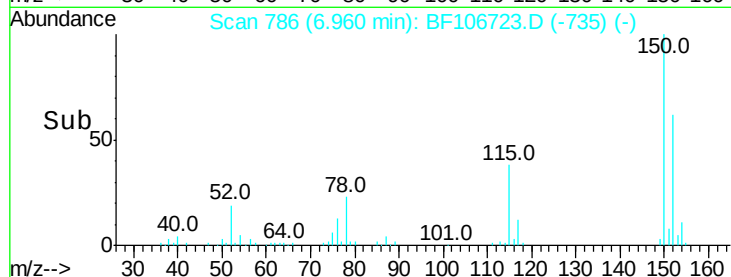
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106723.D
Acq: 22 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

Tot Ion:152 Resp: 56969
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 60.2 50.1 75.1



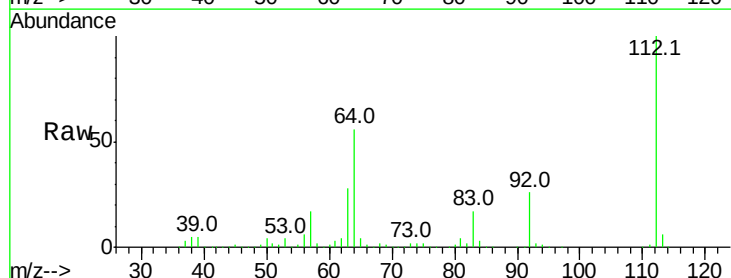
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



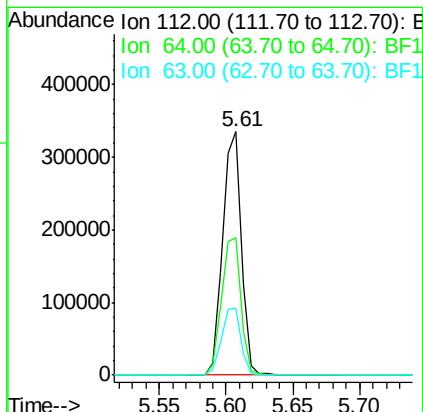
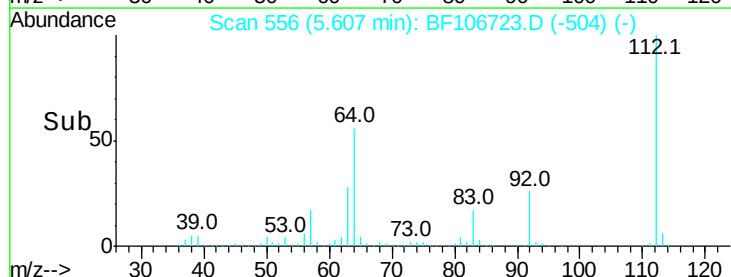
#5

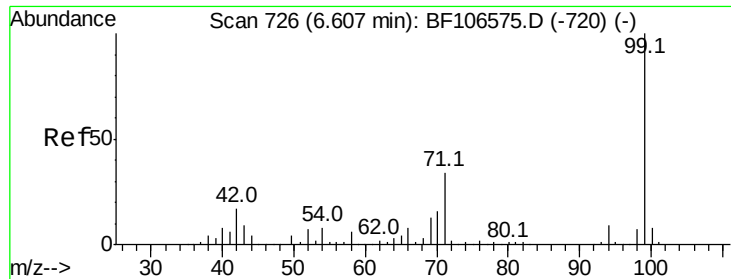
2-Fluorophenol
Concen: 99.365 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106723.D
Acq: 22 Jun 2018 21:55

Tgt Ion:112 Resp: 334297
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 27.6 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: 99.009 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106723.D

Acq: 22 Jun 2018 21:55

Instrument :

BNA_F

ClientSampled :

HC-SOIL-2

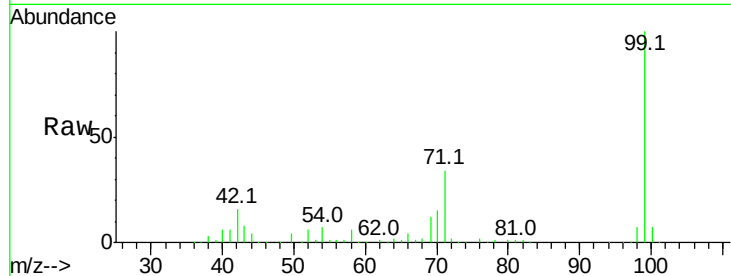
Tot Ion: 99 Resp: 415977

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

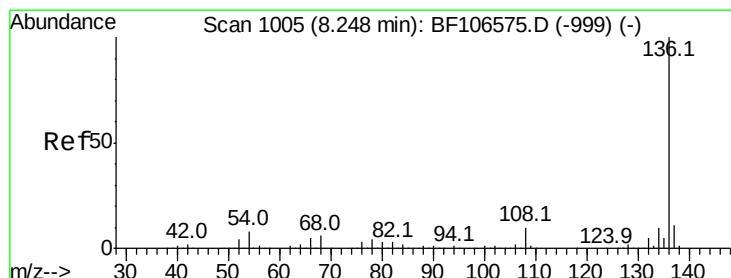
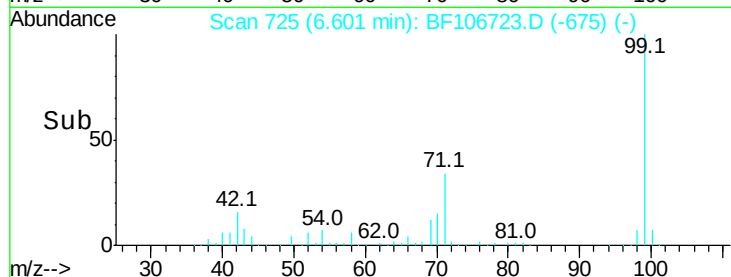
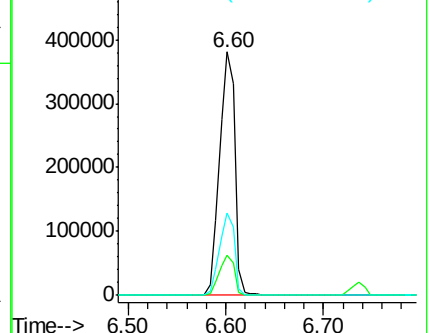
71 34.1 25.4 38.0



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: BF106723.D

Acq: 22 Jun 2018 21:55

Tgt Ion: 136 Resp: 205386

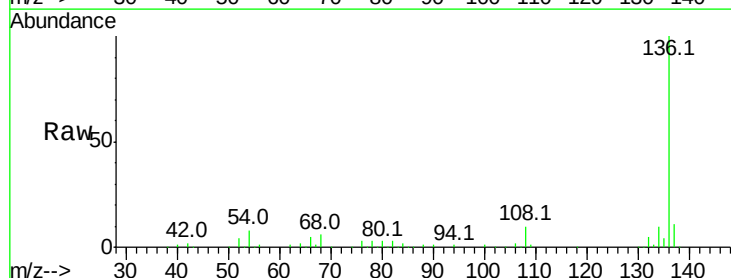
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.7 6.6 9.8

68 6.1 5.0 7.4

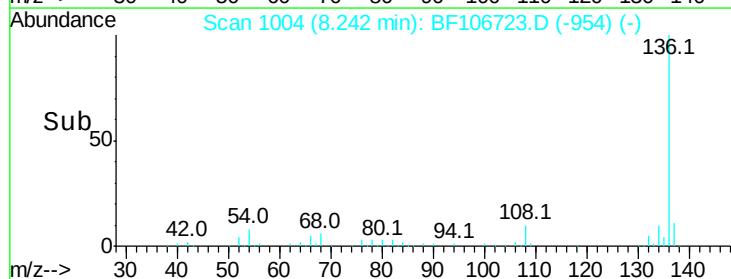
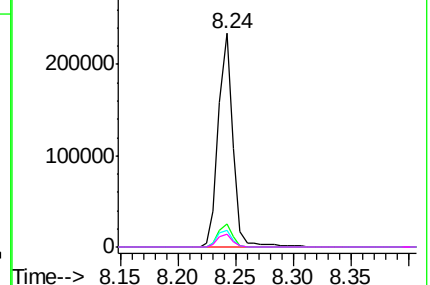


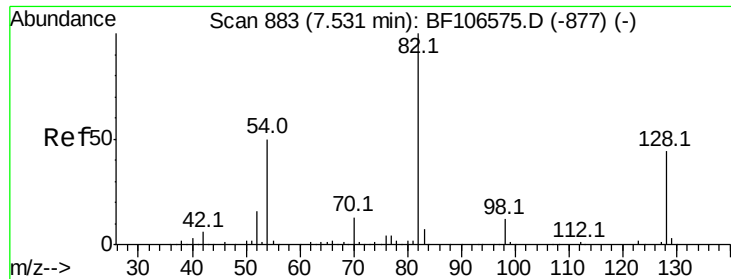
Abundance Ion 136.00 (135.70 to 136.70): E

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

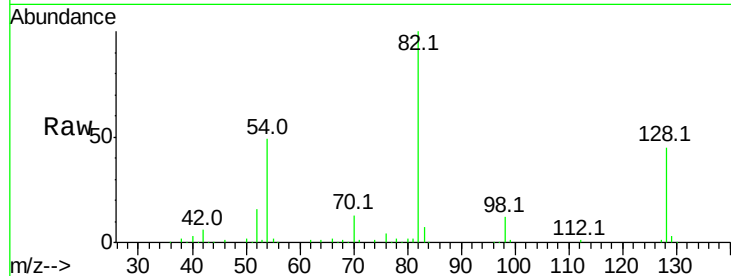




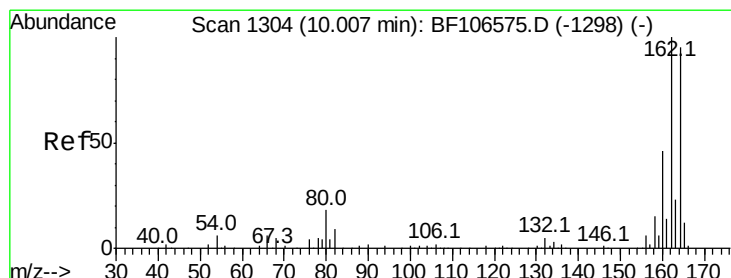
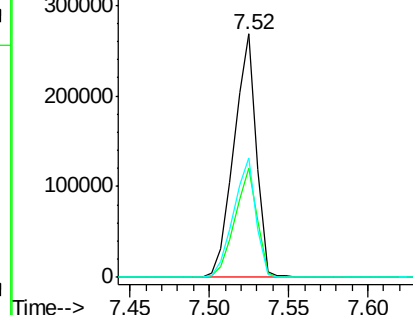
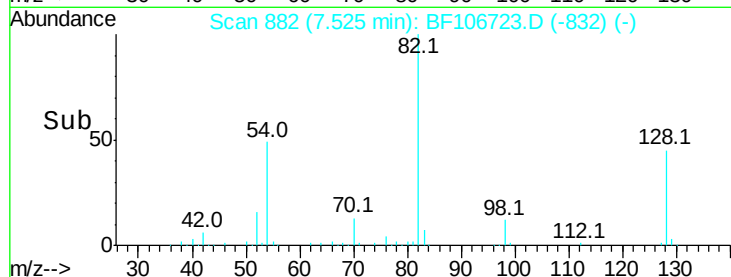
#23
 Nitrobenzene-d5
 Concen: 71.105 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106723.D
 Acq: 22 Jun 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-2

Tot Ion	82	Resp	262788
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.1	54.1
54	48.8	41.4	62.2

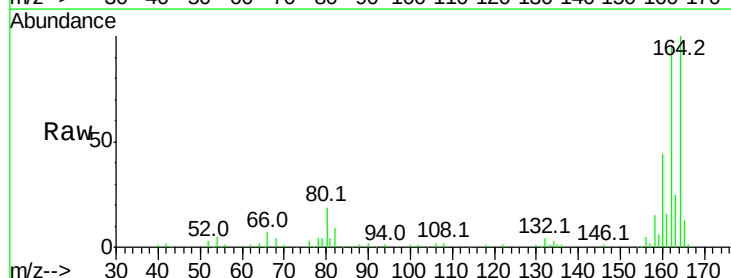


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

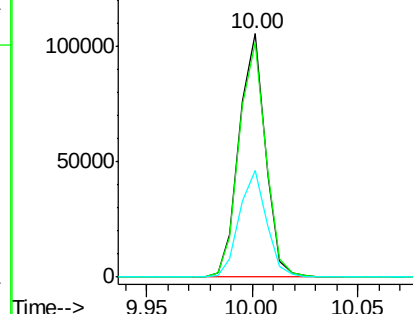
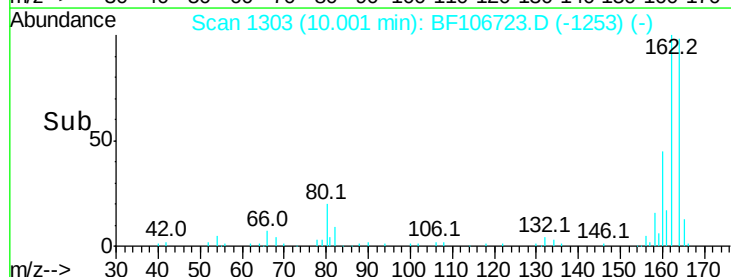


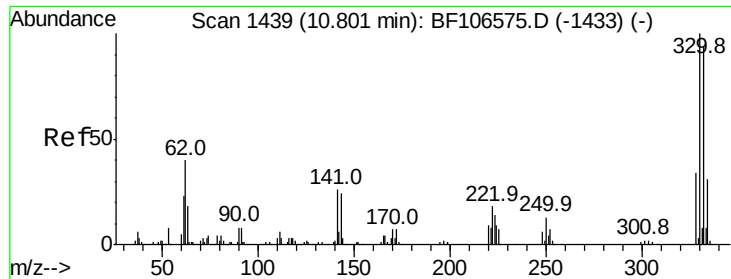
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106723.D
 Acq: 22 Jun 2018 21:55

Tgt Ion	164	Resp	90234
Ion Ratio	Lower	Upper	
164	100		
162	96.4	86.1	129.1
160	43.6	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

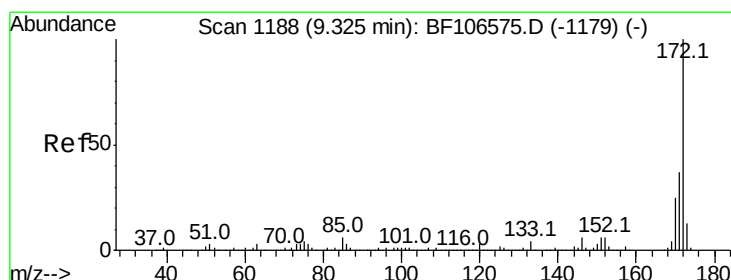
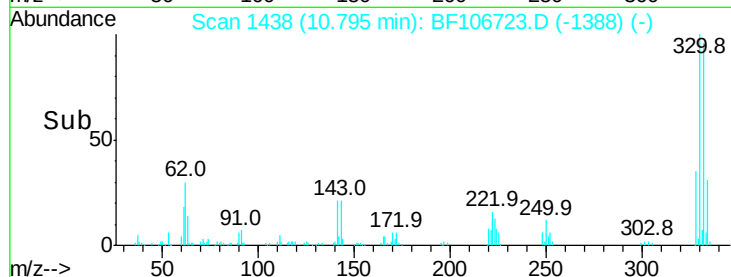
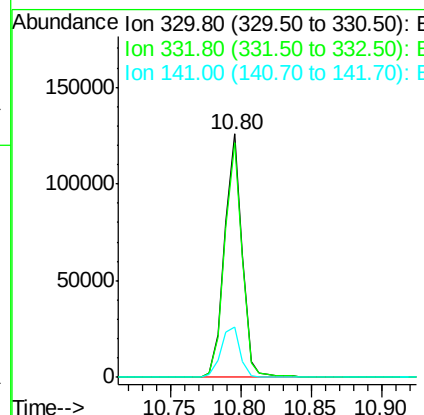
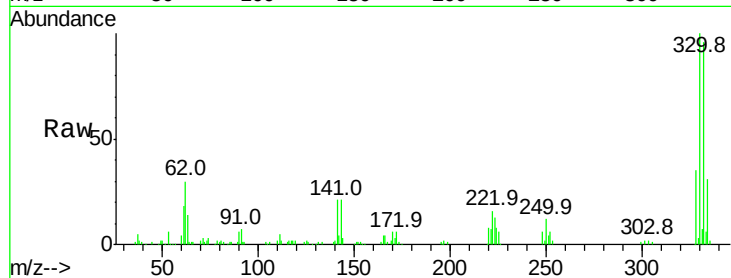




#41
 2,4,6-Tribromophenol
 Concen: 104.398 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106723.D
 Acq: 22 Jun 2018 21:55

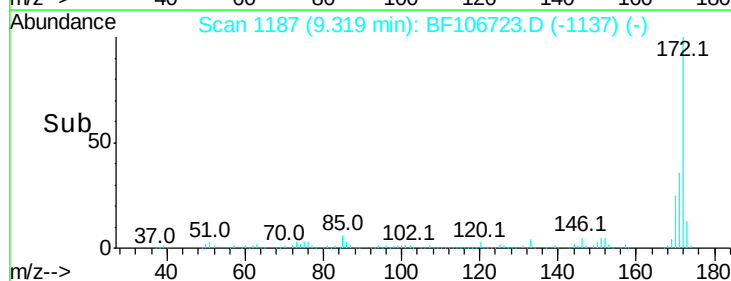
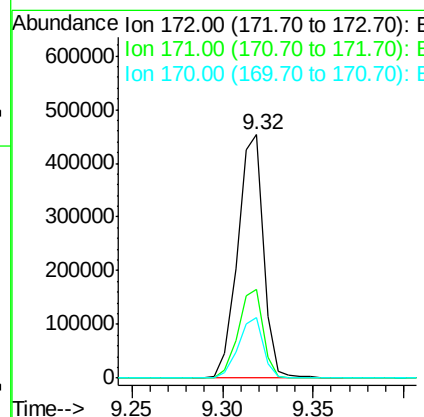
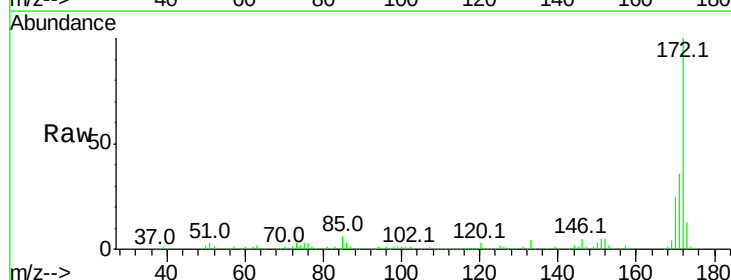
Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-2

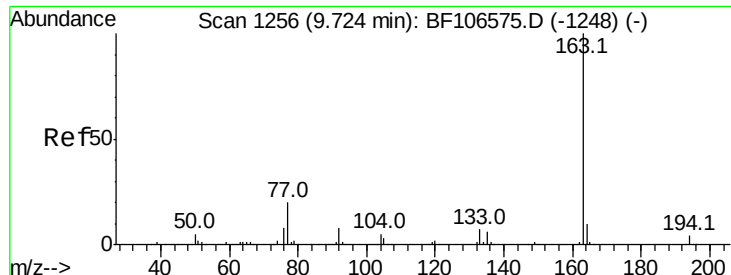
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	22.9	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 84.127 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106723.D
 Acq: 22 Jun 2018 21:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4

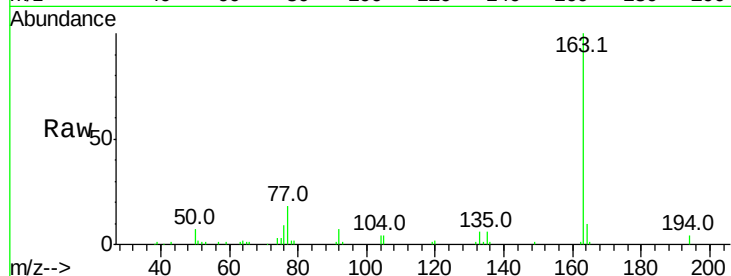




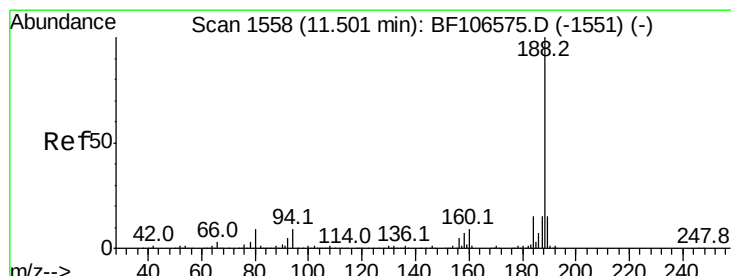
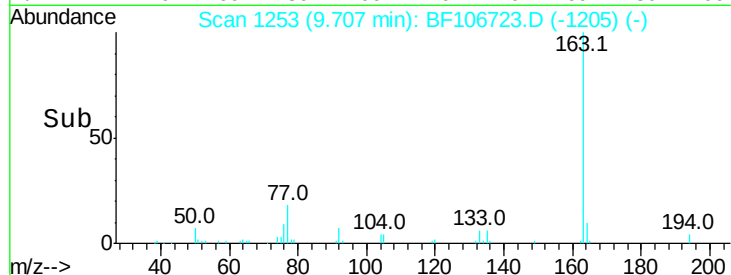
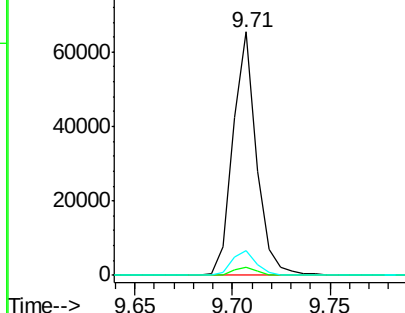
#49
Dimethylphthalate
Concen: 8.085 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106723.D
Acq: 22 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

Tot Ion:163 Resp: 54718
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2

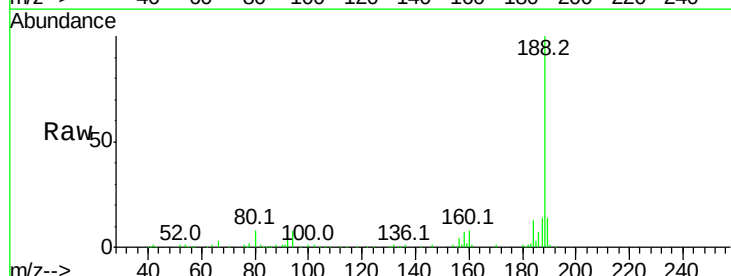


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

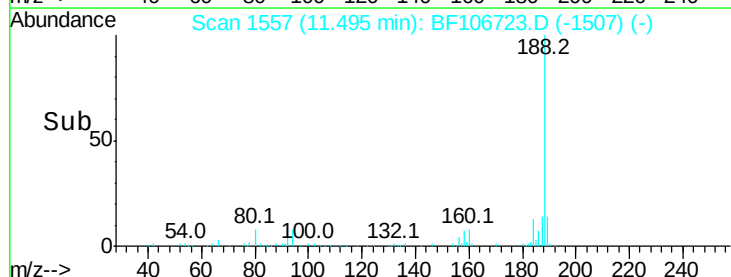
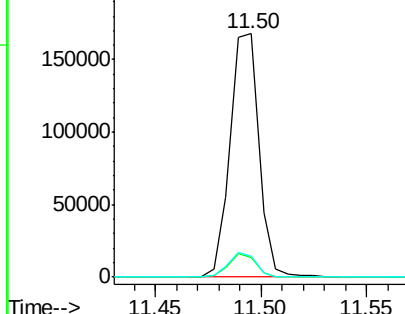


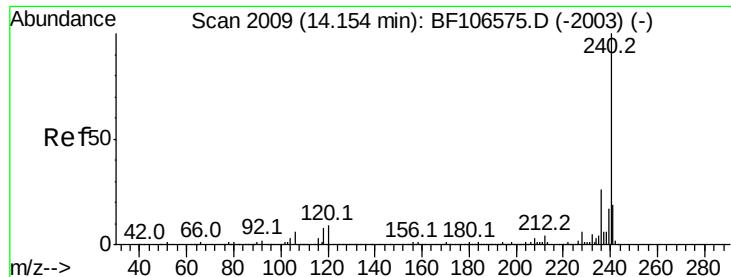
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106723.D
Acq: 22 Jun 2018 21:55

Tgt Ion:188 Resp: 158325
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.3 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. -0.01 min

Lab File: BF106723.D

Acq: 22 Jun 2018 21:55

Instrument :

BNA_F

ClientSampled :

HC-SOIL-2

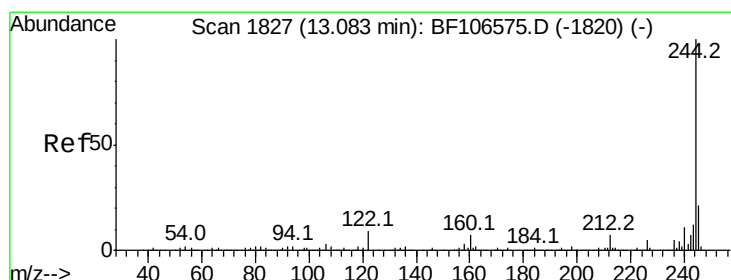
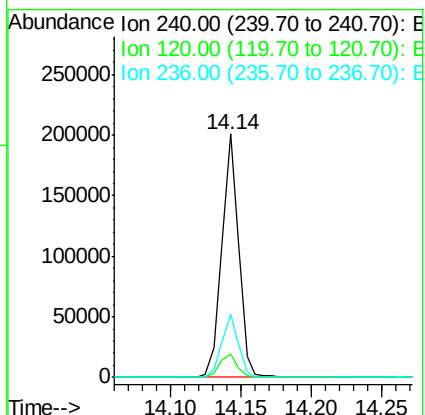
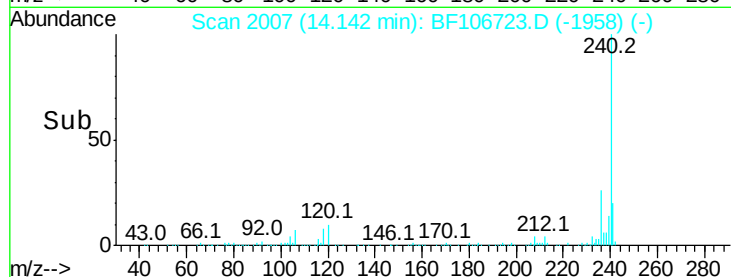
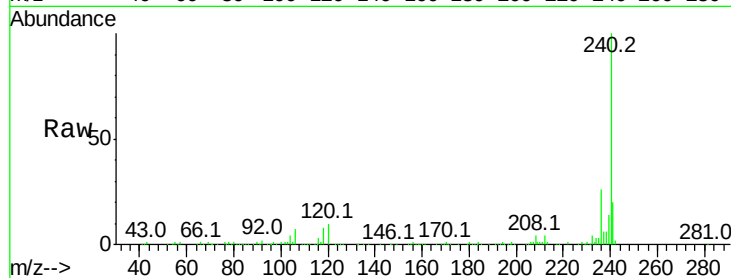
Tot Ion:240 Resp: 167103

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

236 26.2 20.7 31.1



#78

Terphenyl-d14

Concen: 67.209 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106723.D

Acq: 22 Jun 2018 21:55

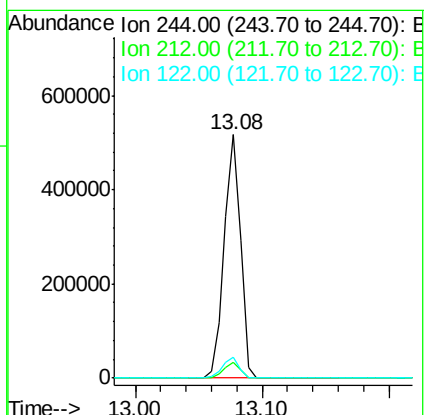
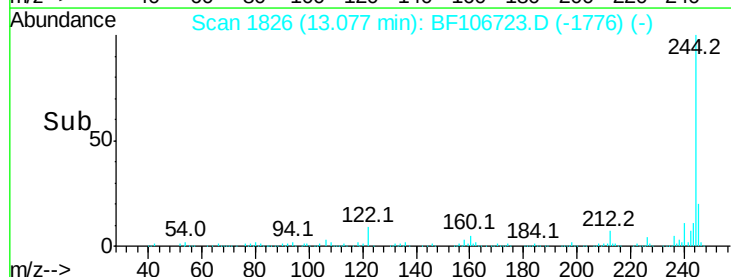
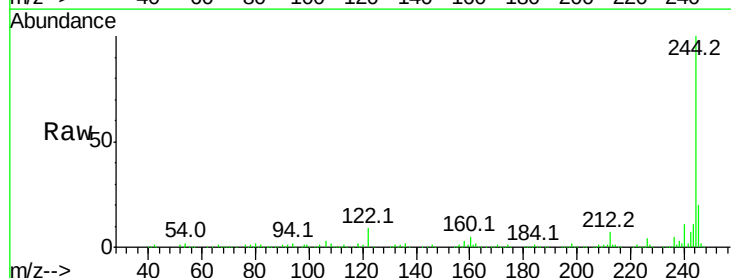
Tgt Ion:244 Resp: 463646

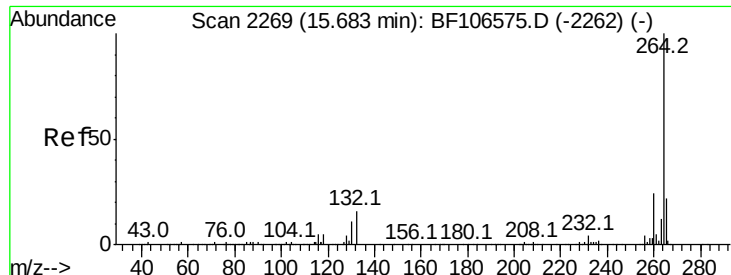
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 8.7 11.0 16.4#

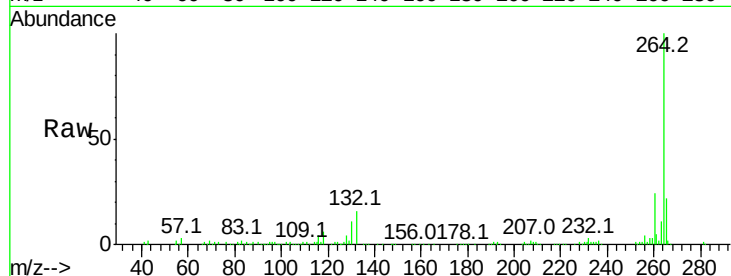




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF106723.D
 Acq: 22 Jun 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	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

