

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106722.D
 Acq On : 22 Jun 2018 21:28
 Operator : JU/SJ
 Sample : J3594-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-1

Quant Time: Jun 22 23:38:00 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

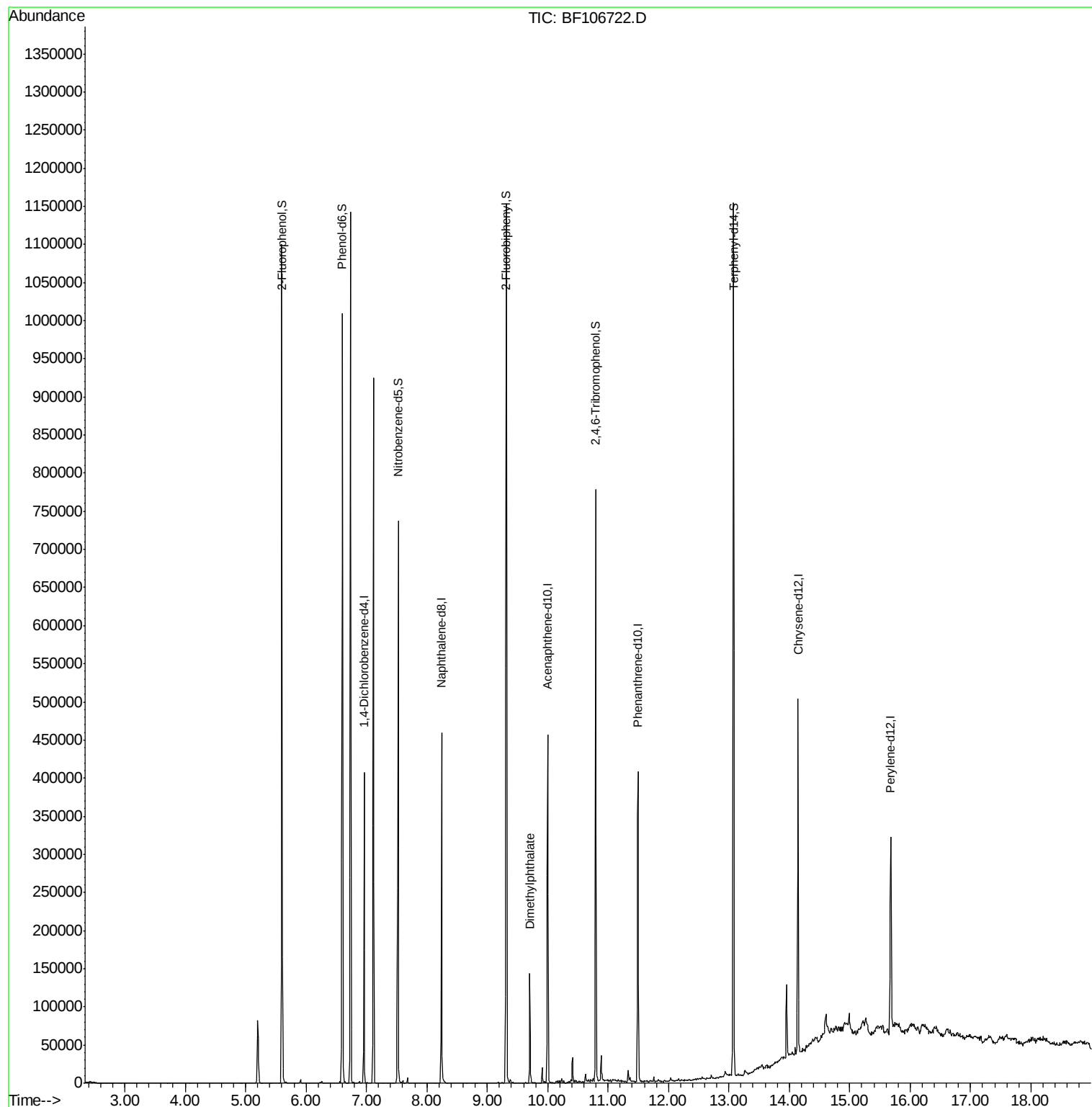
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	54411	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	197772	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	88365	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	155224	20.00	ng	0.00
75) Chrysene-d12	14.14	240	158808	20.00	ng	-0.01
86) Perylene-d12	15.68	264	131822	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	315932	98.32	ng	0.00
7) Phenol-d6	6.60	99	392613	97.84	ng	0.00
23) Nitrobenzene-d5	7.52	82	247089	69.43	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	106137	103.63	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	406244	76.31	ng	-0.01
78) Terphenyl-d14	13.08	244	407773	62.20	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	57117	8.618	ng	Qvalue 99

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

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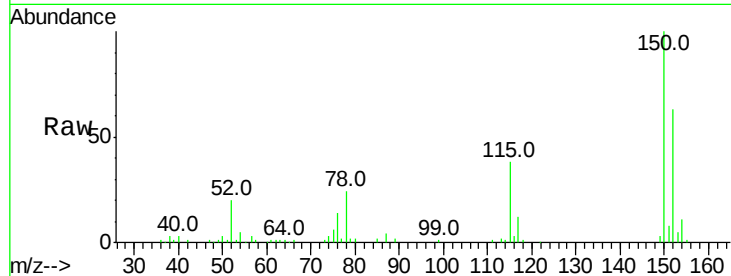


#1

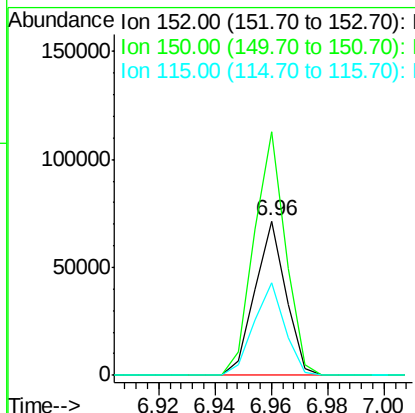
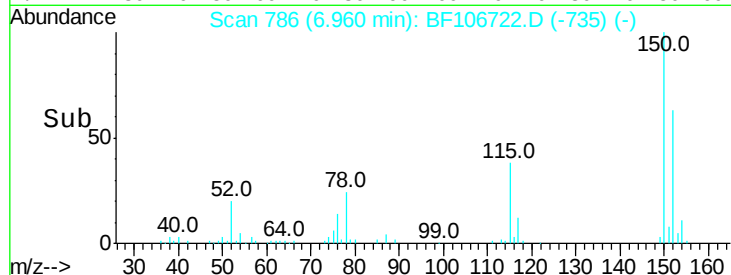
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106722.D
Acq: 22 Jun 2018 21:28

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-1

Tot Ion:152 Resp: 54411
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 59.6 50.1 75.1



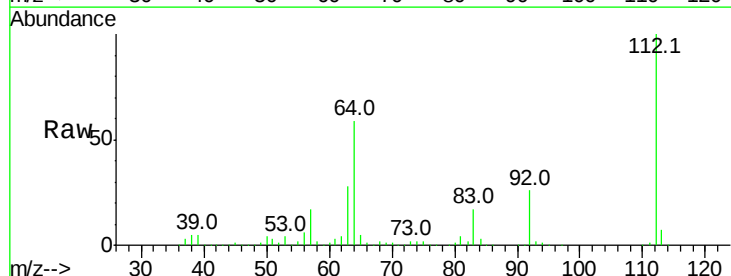
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



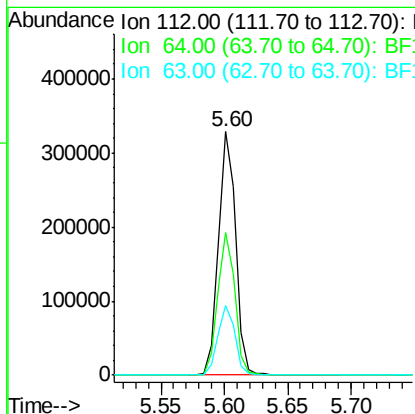
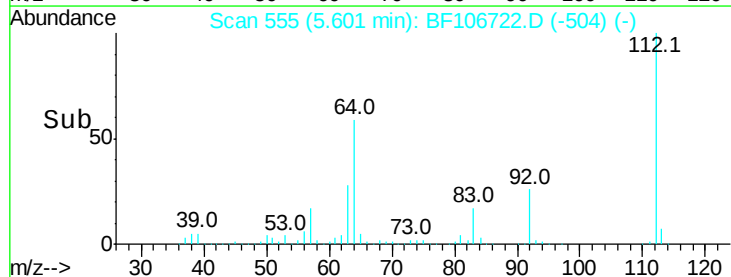
#5

2-Fluorophenol
Concen: 98.321 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106722.D
Acq: 22 Jun 2018 21:28

Tgt Ion:112 Resp: 315932
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 28.5 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: 97.841 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106722.D

Acq: 22 Jun 2018 21:28

Instrument :

BNA_F

ClientSampled :

HC-SOIL-1

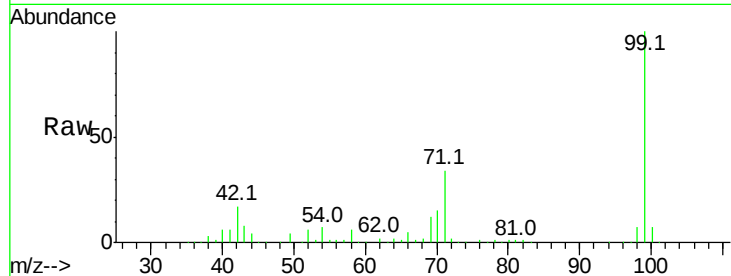
Tot Ion: 99 Resp: 392613

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

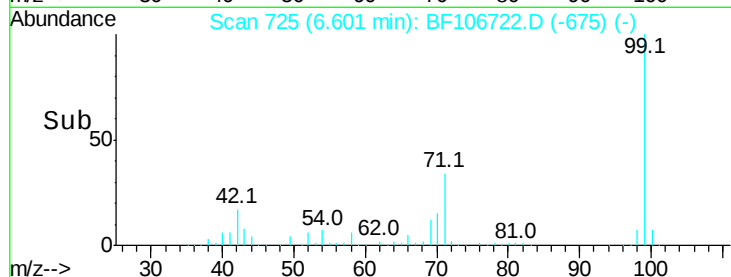
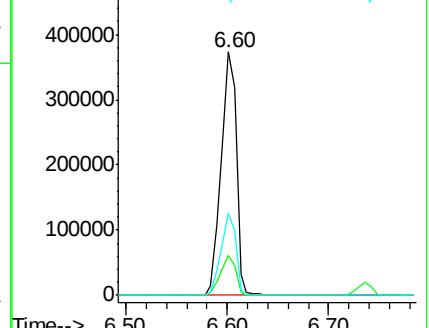
71 33.8 25.4 38.0



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: BF106722.D

Acq: 22 Jun 2018 21:28

Tgt Ion: 136 Resp: 197772

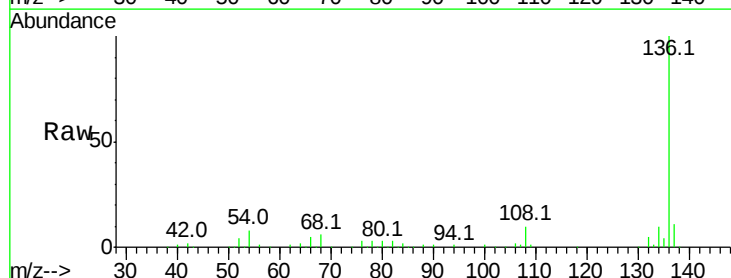
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.0 6.6 9.8

68 6.4 5.0 7.4

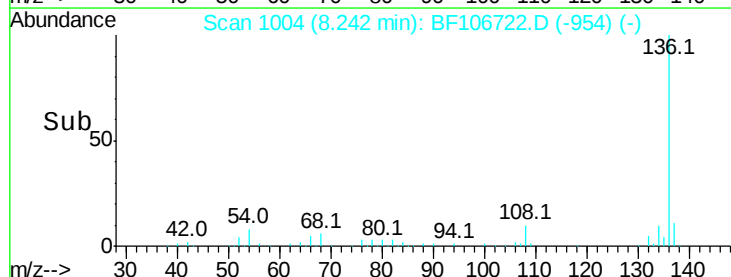
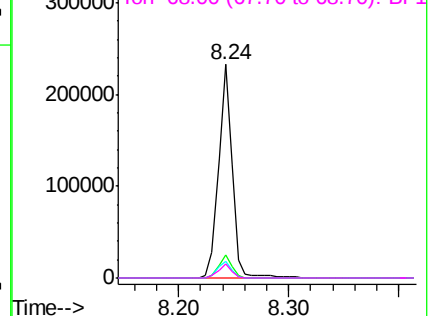


Abundance Ion 136.00 (135.70 to 136.70): E

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

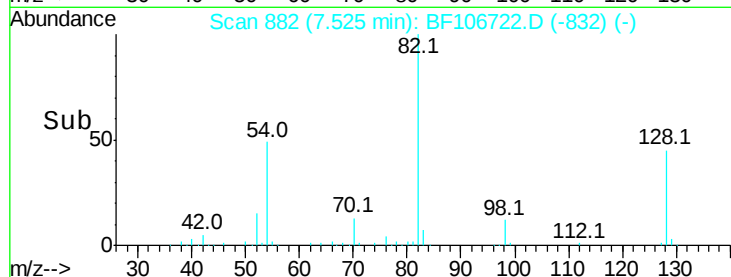
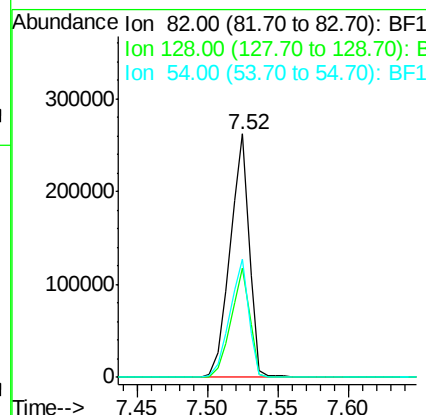
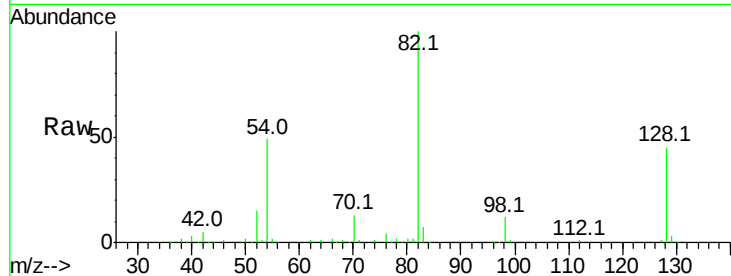




#23
 Nitrobenzene-d5
 Concen: 69.432 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106722.D
 Acq: 22 Jun 2018 21:28

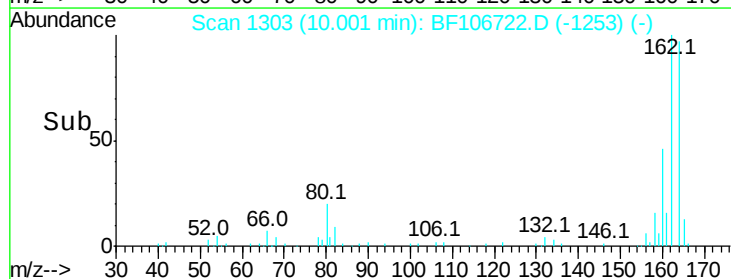
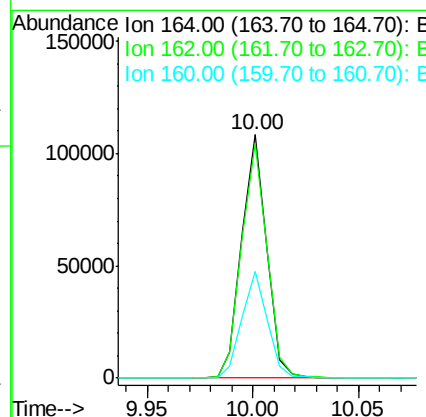
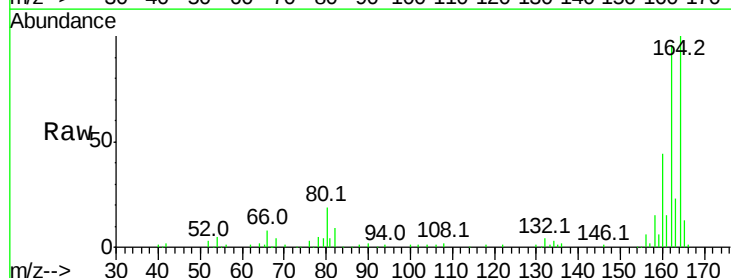
Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-1

Tot Ion	82	Resp	247089
Ion Ratio	Lower	Upper	
82	100		
128	44.7	36.1	54.1
54	48.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106722.D
 Acq: 22 Jun 2018 21:28

Tgt Ion	164	Resp	88365
Ion Ratio	Lower	Upper	
164	100		
162	96.2	86.1	129.1
160	43.8	38.3	57.5

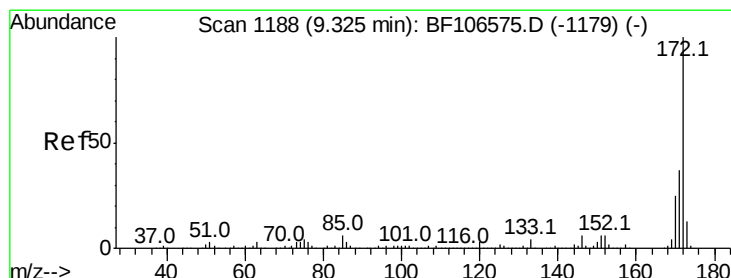
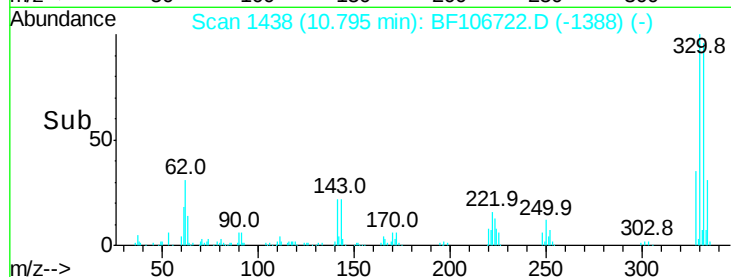
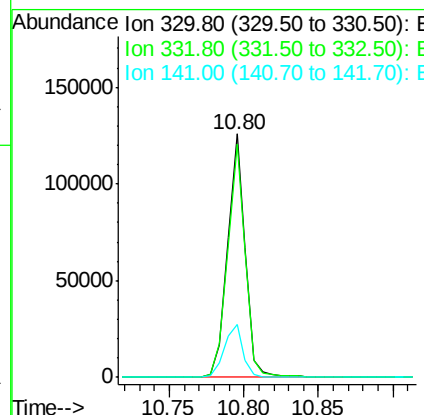
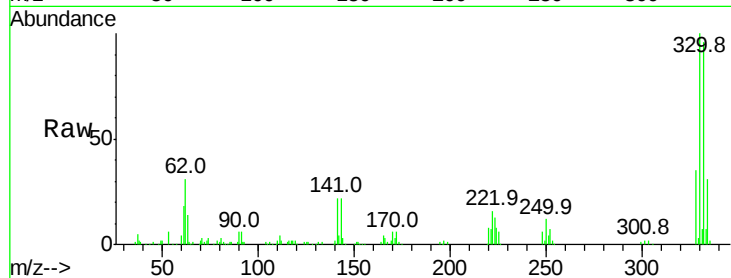




#41
 2,4,6-Tribromophenol
 Concen: 103.632 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106722.D
 Acq: 22 Jun 2018 21:28

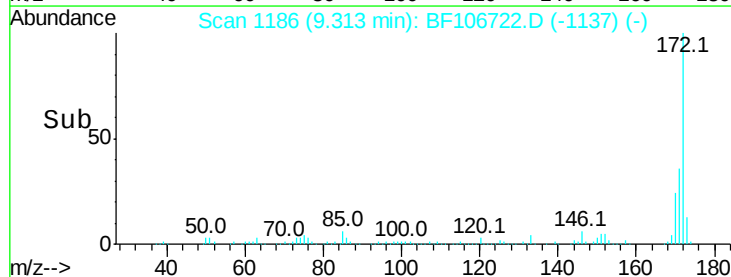
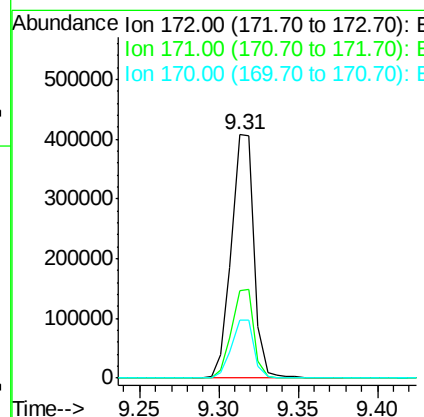
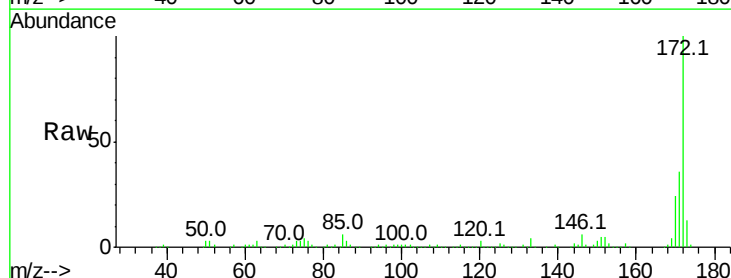
Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	22.8	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 76.307 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106722.D
 Acq: 22 Jun 2018 21:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4





#49

Dimethylphthalate

Concen: 8.618 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106722.D

Acq: 22 Jun 2018 21:28

Instrument :

BNA_F

ClientSampleId :

HC-SOIL-1

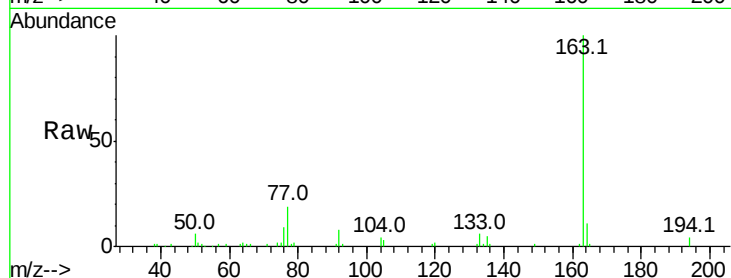
Tot Ion:163 Resp: 57117

Ion Ratio Lower Upper

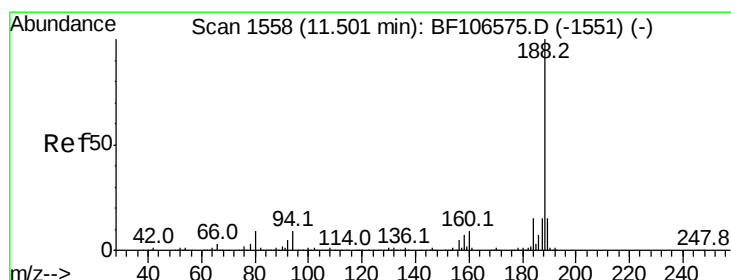
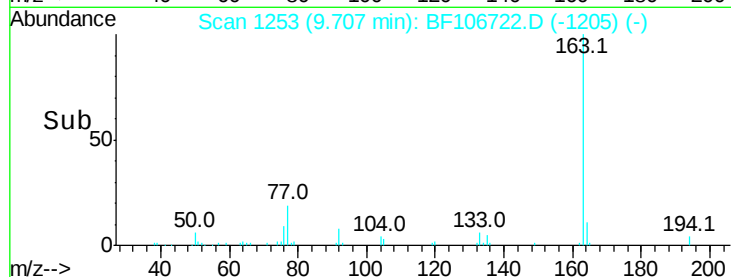
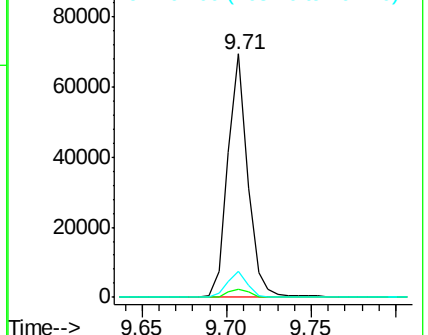
163 100

194 3.6 2.7 4.1

164 10.7 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: BF106722.D

Acq: 22 Jun 2018 21:28

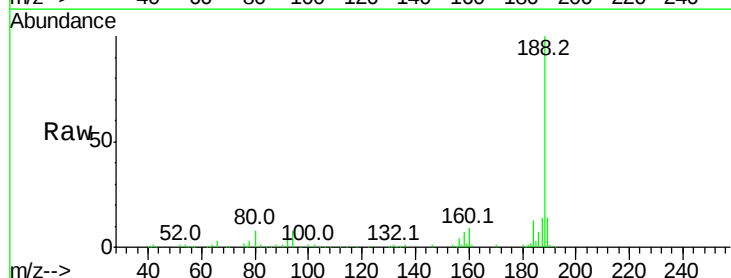
Tgt Ion:188 Resp: 155224

Ion Ratio Lower Upper

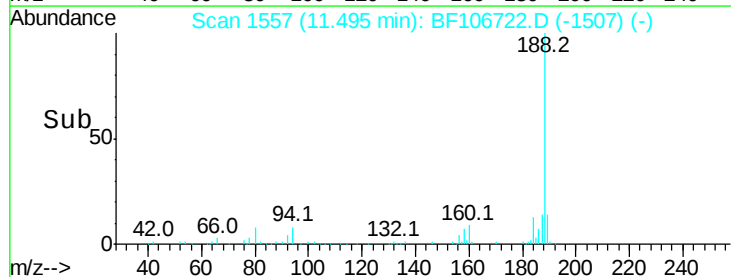
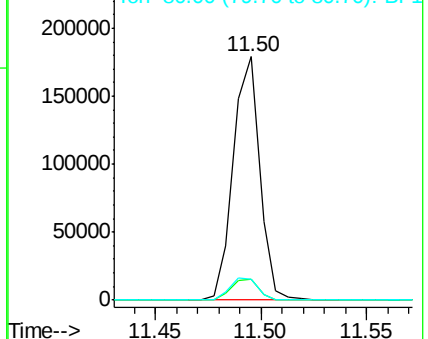
188 100

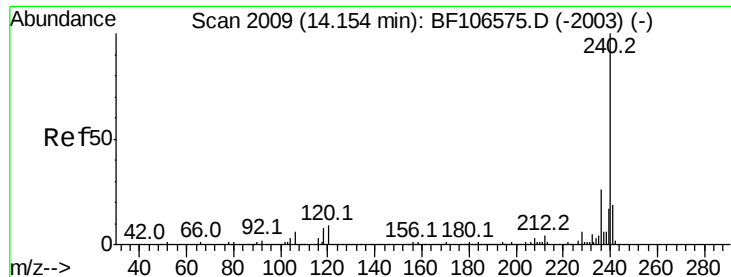
94 8.3 8.5 12.7#

80 8.5 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: BF106722.D

Acq: 22 Jun 2018 21:28

Instrument :

BNA_F

ClientSampleID :

HC-SOIL-1

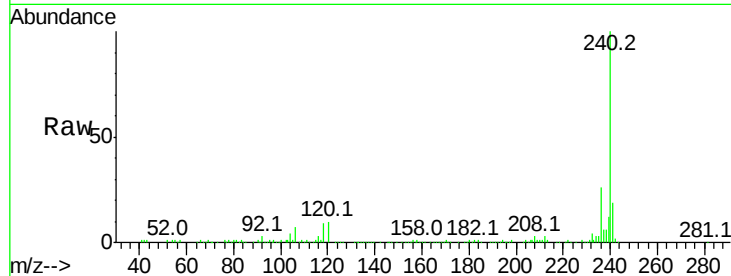
Tot Ion:240 Resp: 158808

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

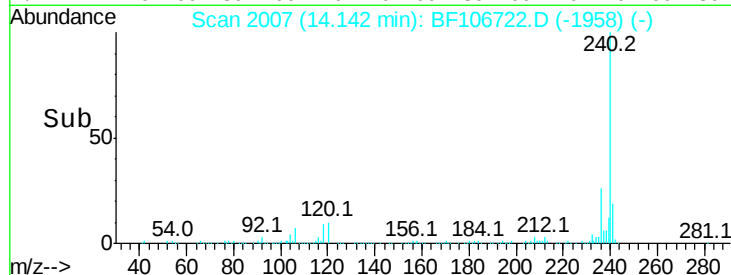
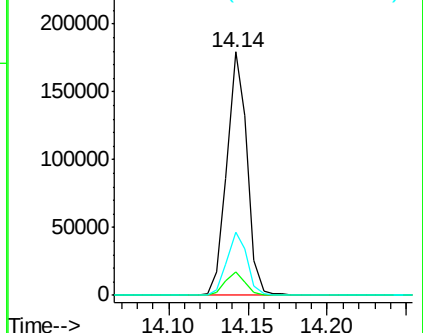
236 25.9 20.7 31.1



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: 62.198 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106722.D

Acq: 22 Jun 2018 21:28

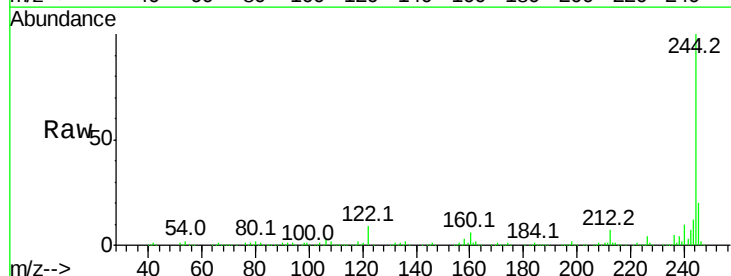
Tgt Ion:244 Resp: 407773

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

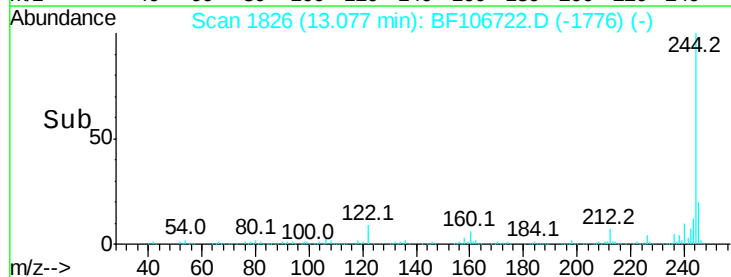
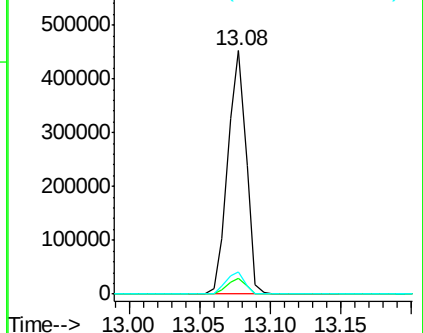
122 8.9 11.0 16.4#

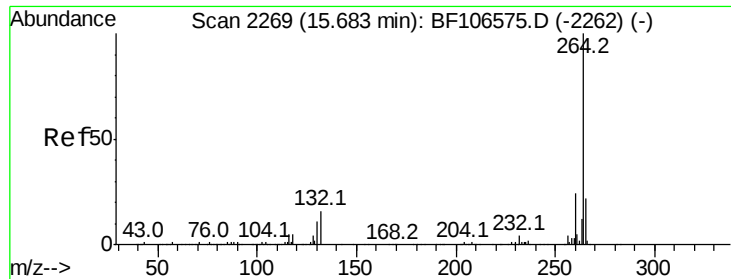


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

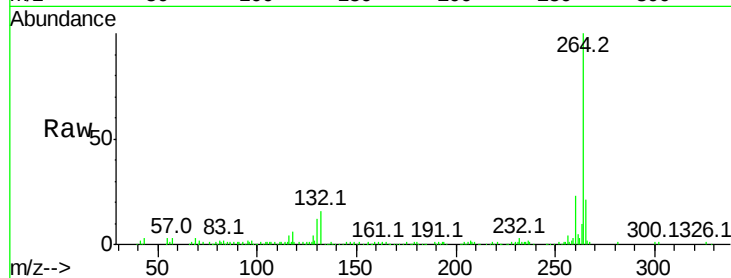




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF106722.D
 Acq: 22 Jun 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.9	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

