

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
 Data File : BF109486.D
 Acq On : 1 Oct 2018 21:16
 Operator : JU/SJ
 Sample : J5170-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-1

Quant Time: Oct 02 04:23:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

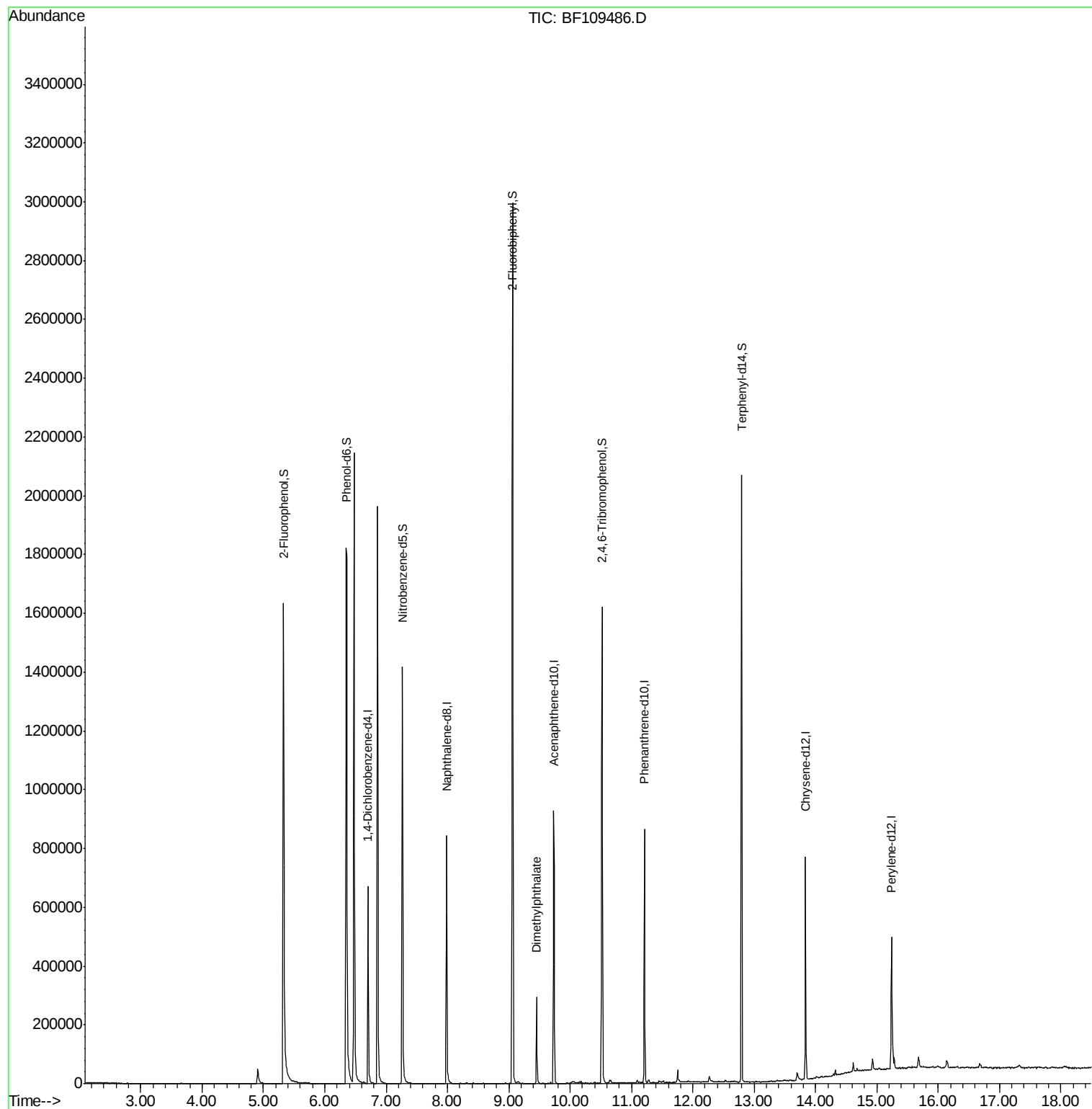
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104457	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	395196	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	179347	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	321470	20.00	ng	0.00
75) Chrysene-d12	13.84	240	242591	20.00	ng	0.00
86) Perylene-d12	15.24	264	209431	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	644735	101.66	ng	0.01
7) Phenol-d6	6.36	99	817342	101.00	ng	0.00
23) Nitrobenzene-d5	7.27	82	507009	75.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	192137	108.68	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	899699	75.66	ng	-0.01
78) Terphenyl-d14	12.80	244	771516	78.05	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	130227	9.983	ng	99

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

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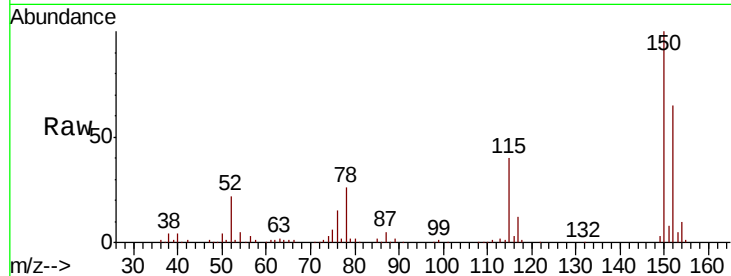


#1

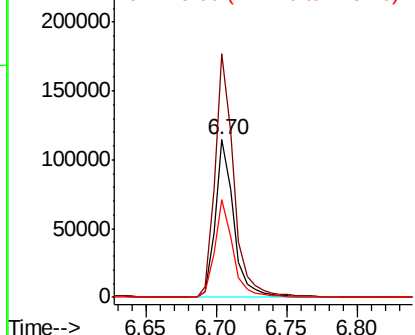
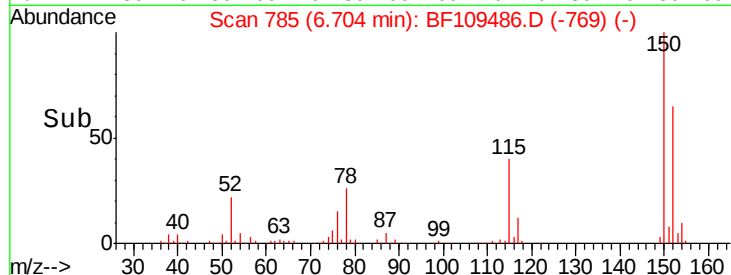
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109486.D
Acq: 1 Oct 2018 21:16

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	61.5	50.1	75.1



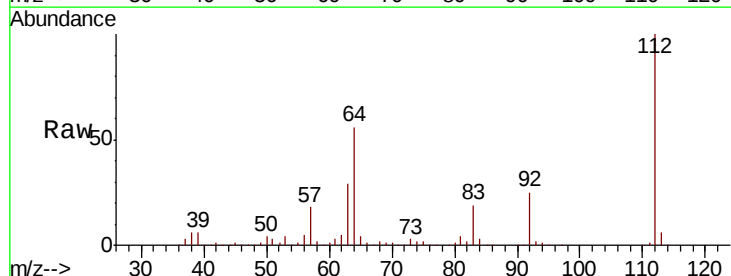
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



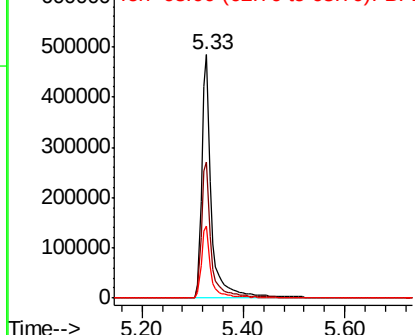
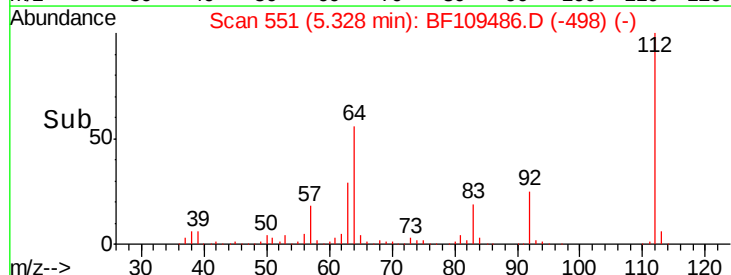
#5

2-Fluorophenol
Concen: 101.662 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109486.D
Acq: 1 Oct 2018 21:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	29.5	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: 100.999 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF109486.D

Acq: 1 Oct 2018 21:16

Instrument :

BNA_F

ClientSampleId :

HC-SOIL-1

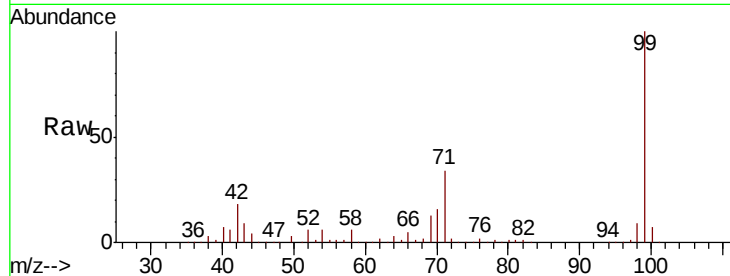
Tot Ion: 99 Resp: 817342

Ion Ratio Lower Upper

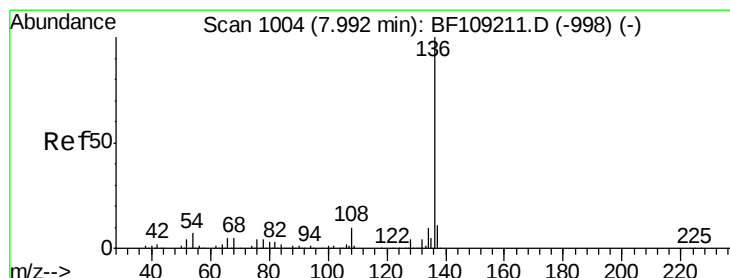
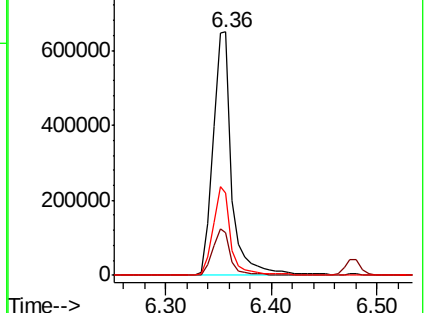
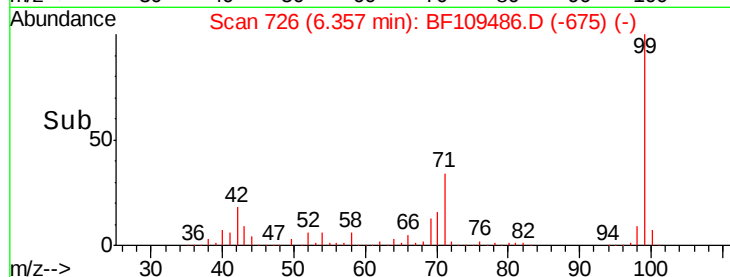
99 100

42 17.6 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109486.D

Acq: 1 Oct 2018 21:16

Tgt Ion: 136 Resp: 395196

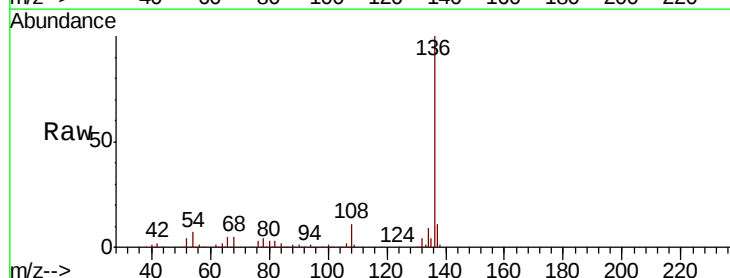
Ion Ratio Lower Upper

136 100

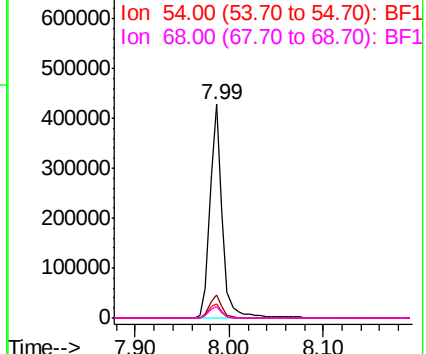
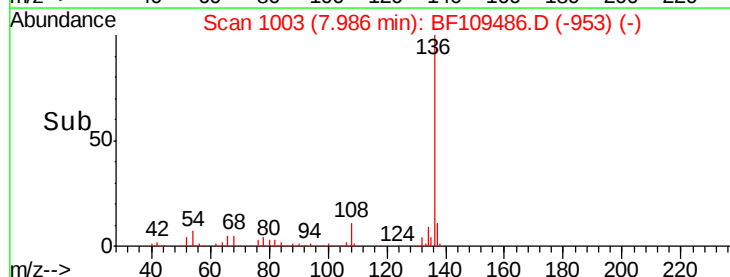
137 10.7 8.9 13.3

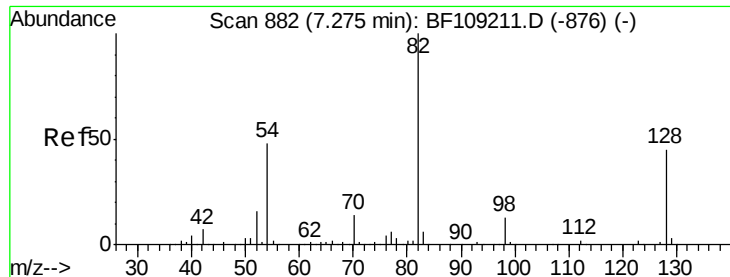
54 6.6 6.6 9.8

68 5.3 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

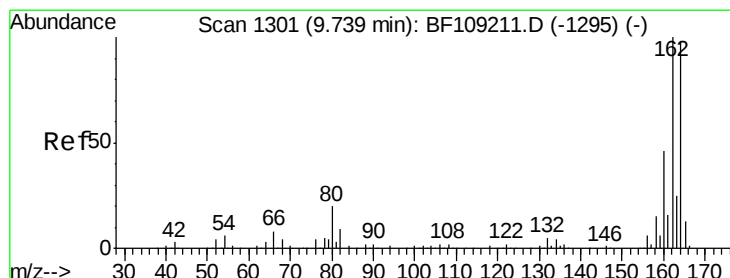
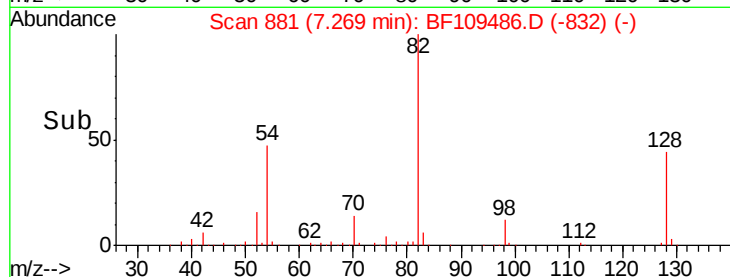
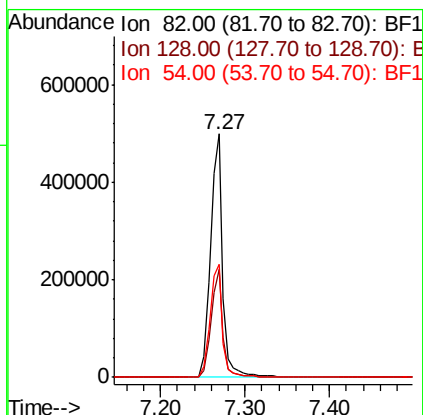
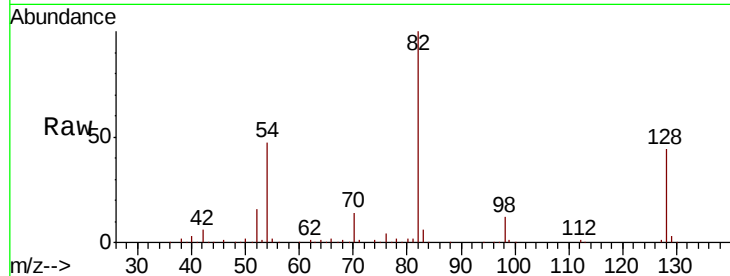




#23
Nitrobenzene-d5
Concen: 75.733 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109486.D
Acq: 1 Oct 2018 21:16

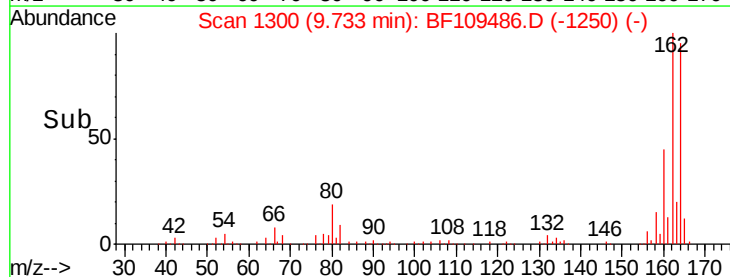
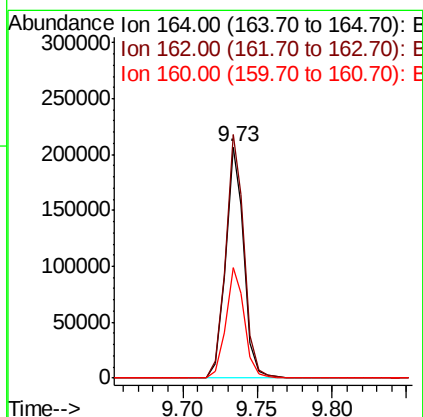
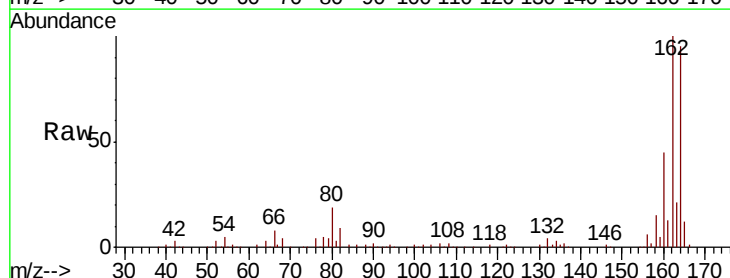
Instrument :
BNA_F
ClientSampleId :
HC-SOIL-1

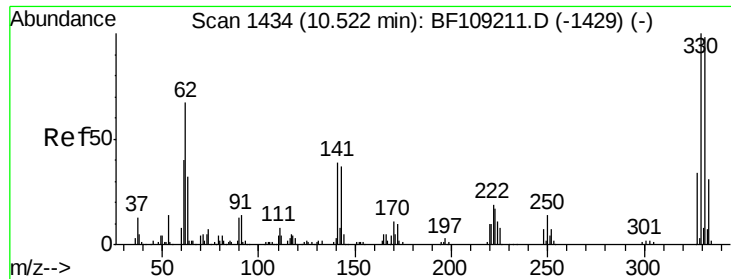
Tot Ion: 82 Resp: 507009
Ion Ratio Lower Upper
82 100
128 44.3 36.1 54.1
54 46.6 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109486.D
Acq: 1 Oct 2018 21:16

Tgt Ion:164 Resp: 179347
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 47.6 38.3 57.5

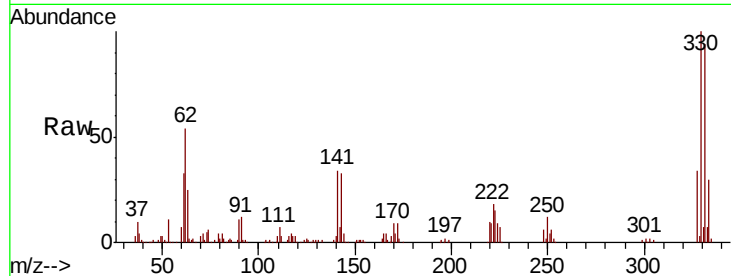




#41
 2,4,6-Tribromophenol
 Concen: 108.675 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109486.D
 Acq: 1 Oct 2018 21:16

Instrument :
 BNA_F
 ClientSampled :
 HC-SOIL-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	32.9	29.9	44.9

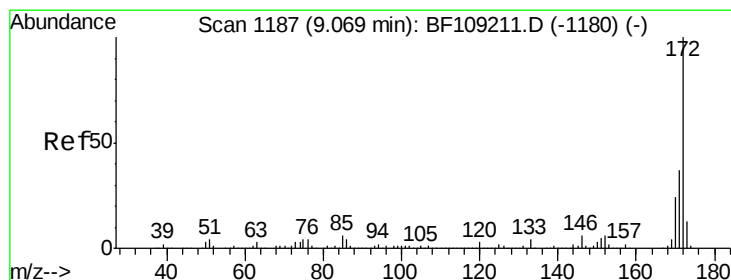
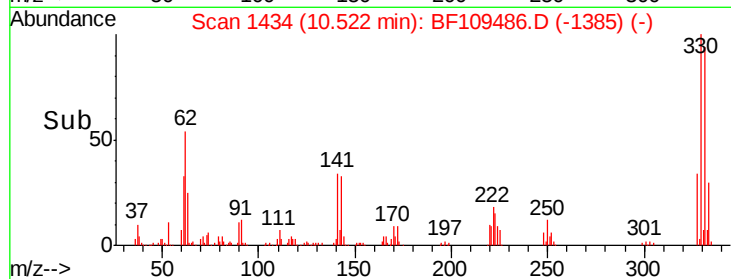
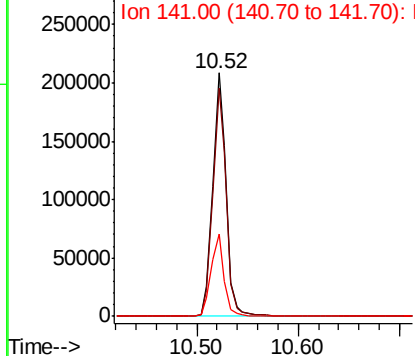


Abundance

Ion 329.80 (329.50 to 330.50): E

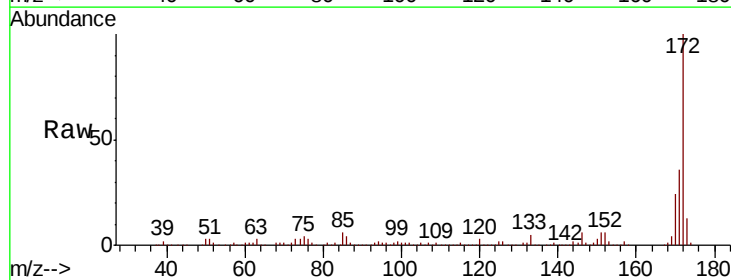
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.659 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109486.D
 Acq: 1 Oct 2018 21:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	19.6	29.4

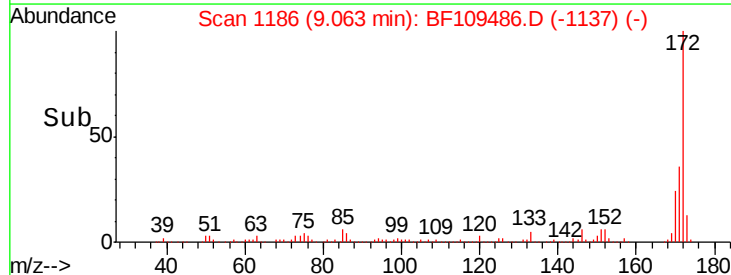
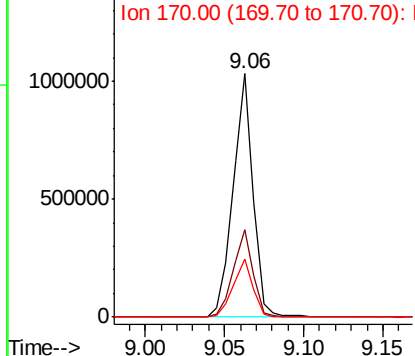


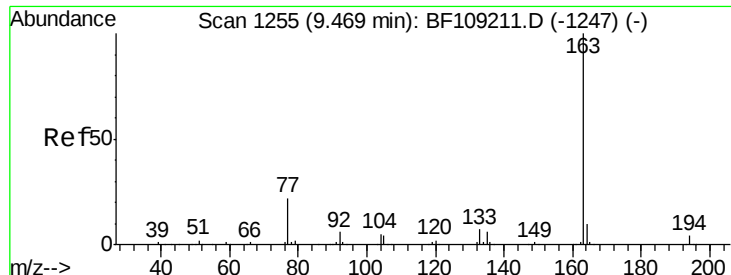
Abundance

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

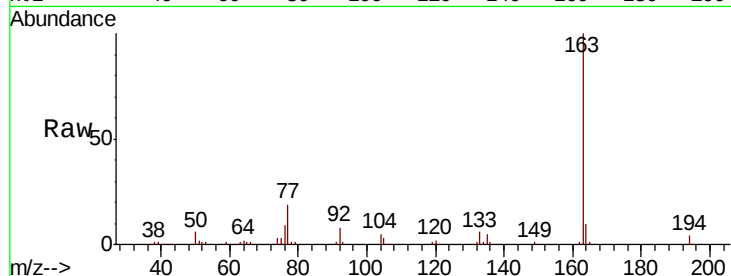




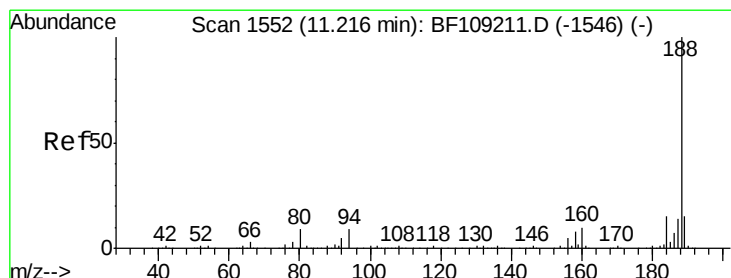
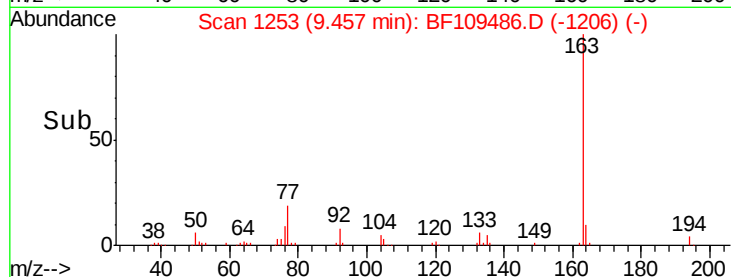
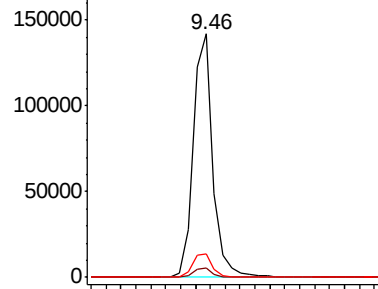
#49
Dimethylphthalate
Concen: 9.983 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109486.D
Acq: 1 Oct 2018 21:16

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-1

Tot Ion:163 Resp: 130227
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.8 8.2 12.2

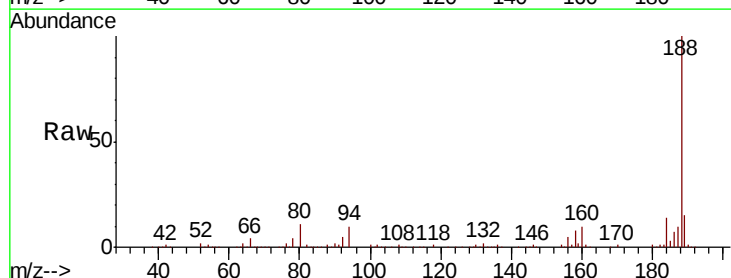


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

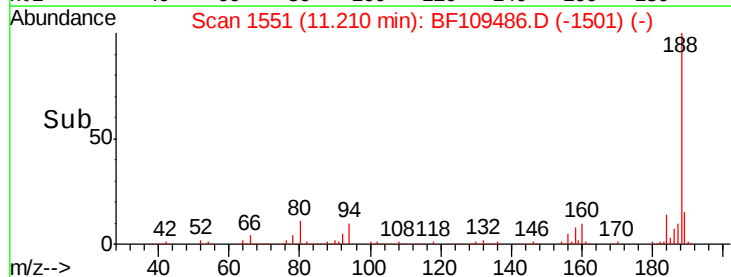
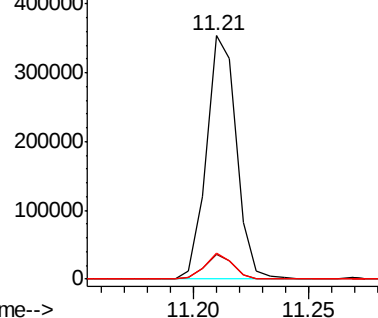


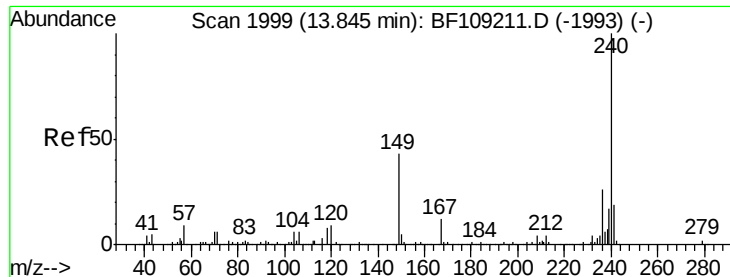
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109486.D
Acq: 1 Oct 2018 21:16

Tgt Ion:188 Resp: 321470
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.7 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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109486.D

Acq: 1 Oct 2018 21:16

Instrument :

BNA_F

ClientSampleId :

HC-SOIL-1

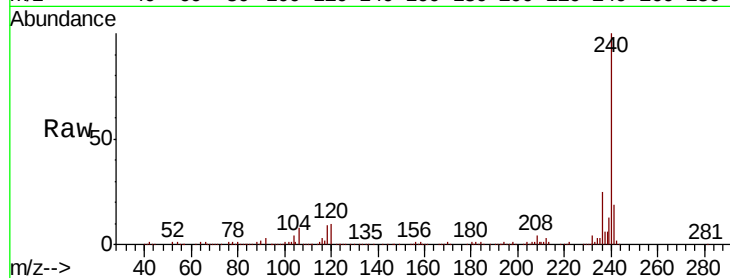
Tot Ion:240 Resp: 242591

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

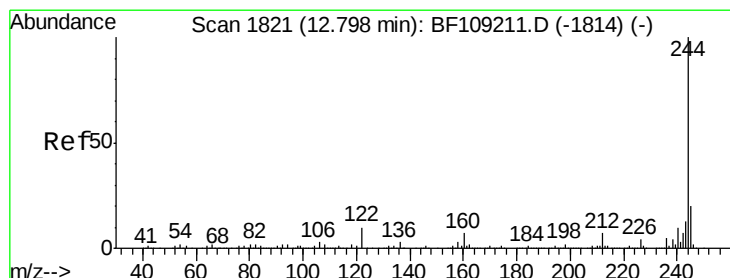
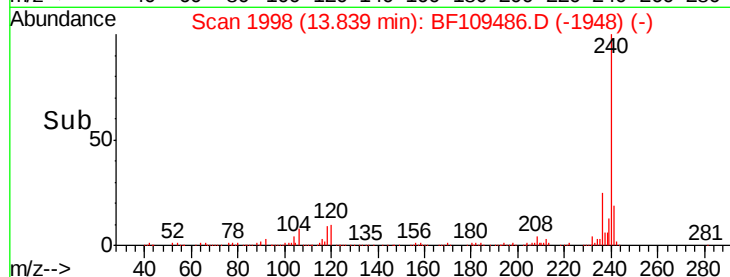
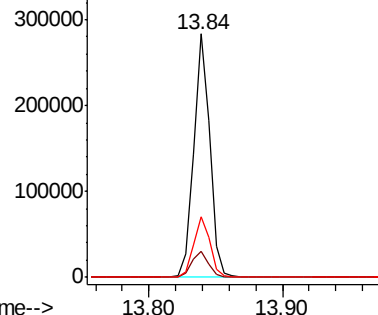
236 24.9 20.7 31.1



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: 78.050 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109486.D

Acq: 1 Oct 2018 21:16

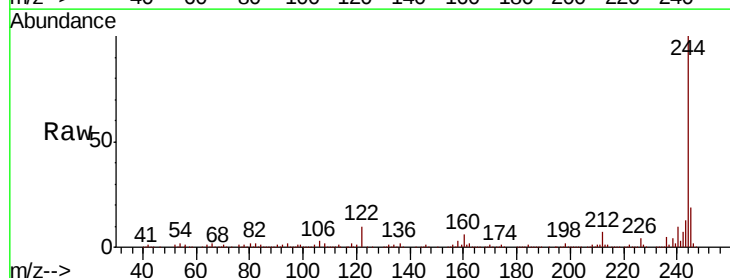
Tgt Ion:244 Resp: 771516

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

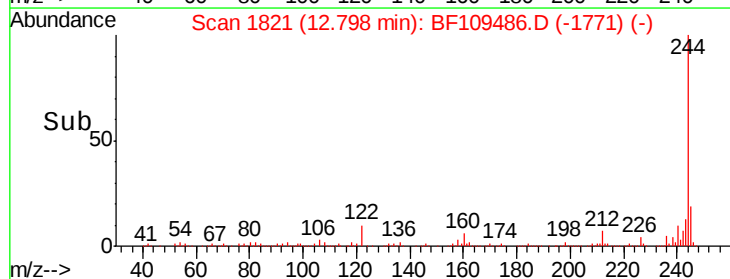
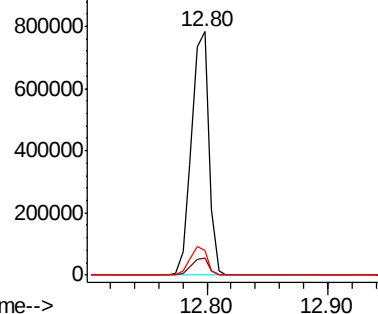
122 10.1 11.0 16.4#

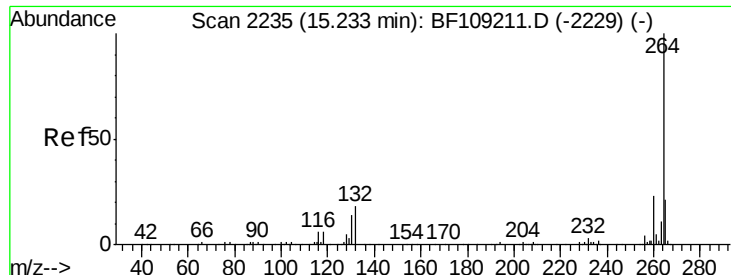


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109486.D
Acq: 1 Oct 2018 21:16

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-1

Tot Ion: 264 Resp: 209431

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.7	17.5	26.3

