

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
 Data File : BF109480.D
 Acq On : 1 Oct 2018 18:39
 Operator : JU/SJ
 Sample : J5170-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-2

Quant Time: Oct 02 03:52:45 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

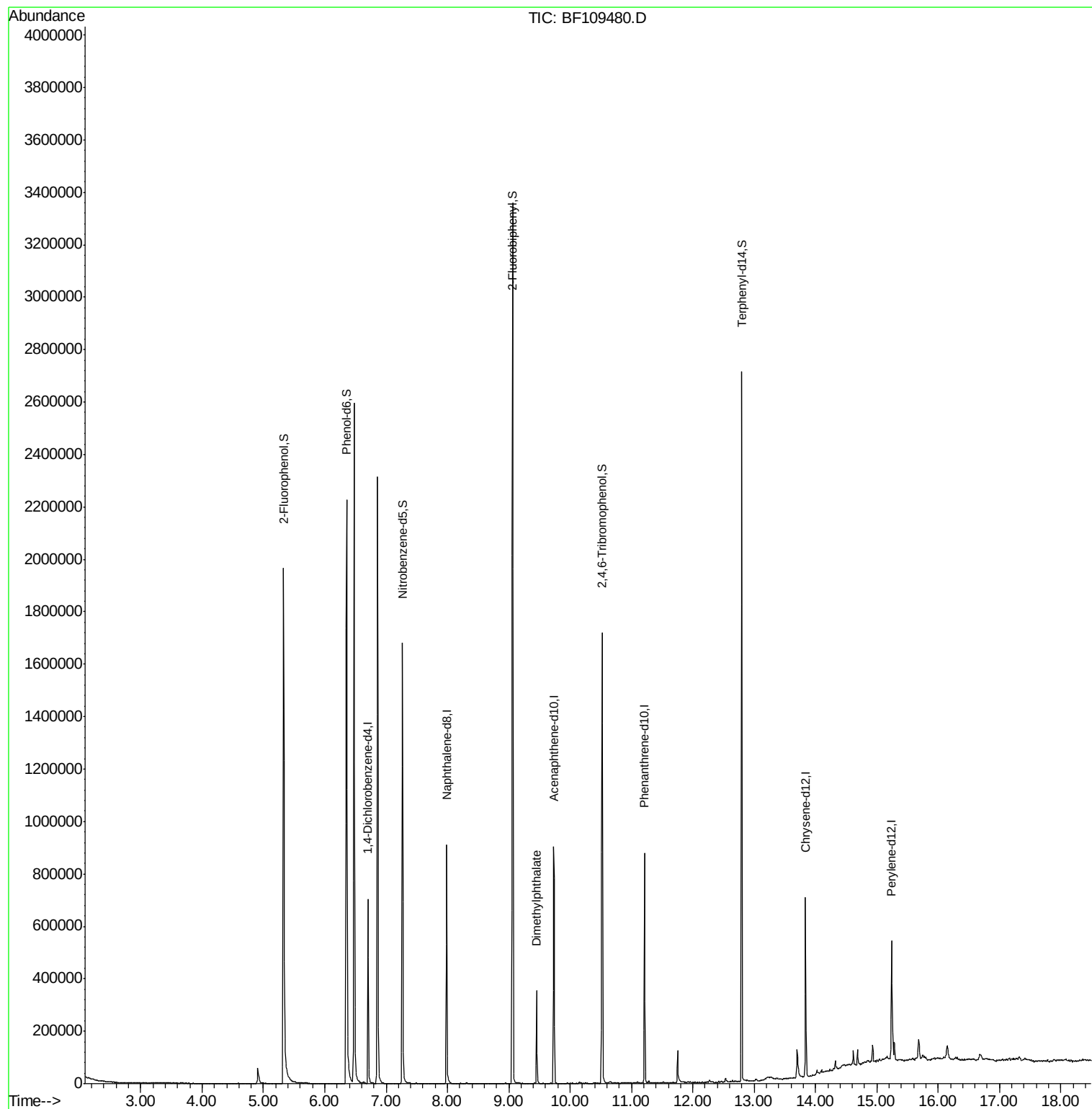
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	107050	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	400135	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	181268	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	318287	20.00	ng	0.00
75) Chrysene-d12	13.84	240	245786	20.00	ng	0.00
86) Perylene-d12	15.24	264	192813	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	719778	110.75	ng	0.01
7) Phenol-d6	6.36	99	901656	108.72	ng	0.00
23) Nitrobenzene-d5	7.27	82	568643	83.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	211391	118.30	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1033446	85.99	ng	-0.01
78) Terphenyl-d14	12.80	244	921265	91.99	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	147230	11.167	ng	Qvalue # 99

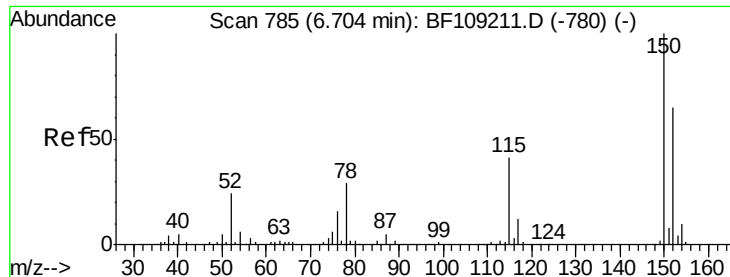
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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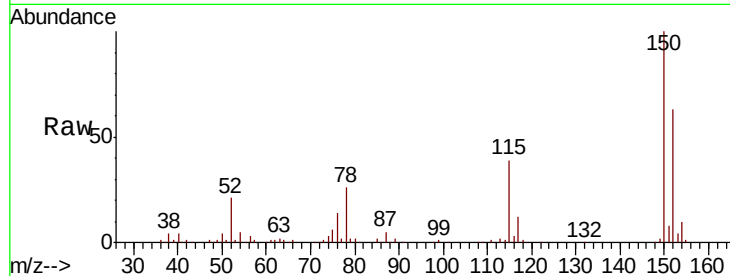


#1

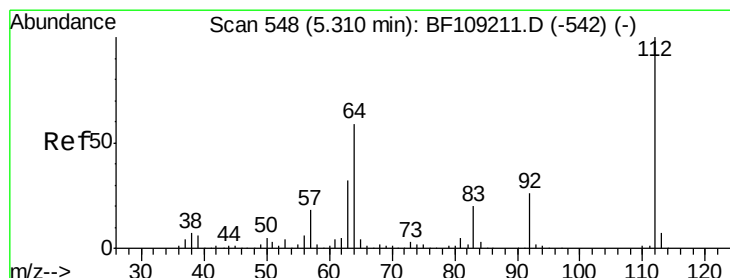
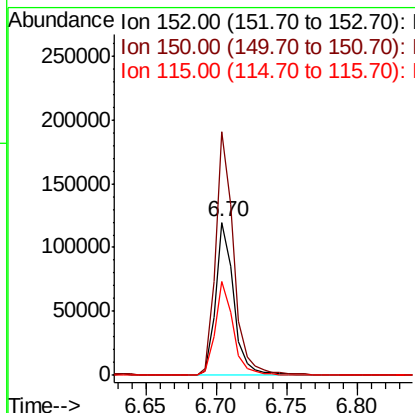
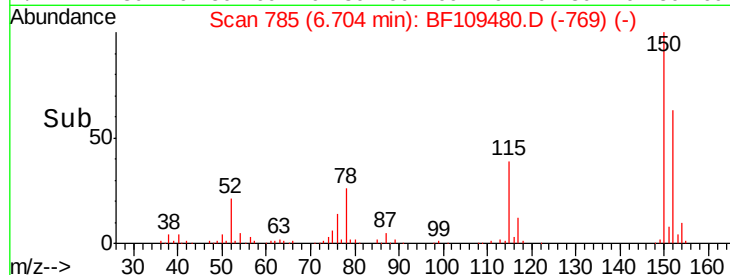
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109480.D
Acq: 1 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

Tot Ion:152 Resp: 107050
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 61.4 50.1 75.1



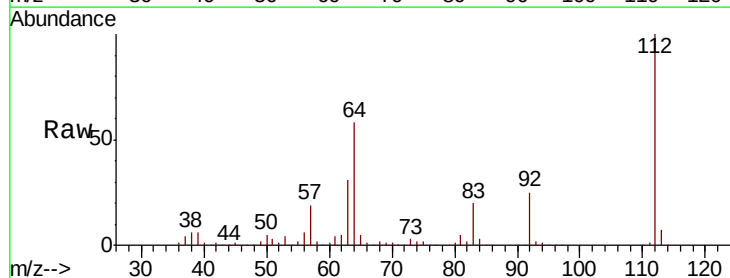
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



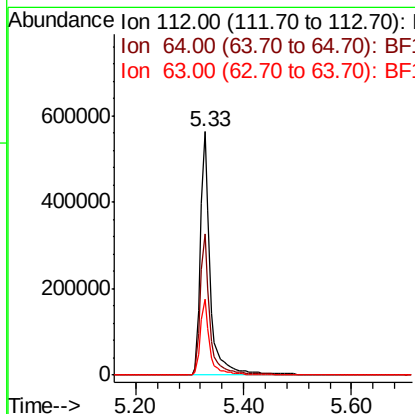
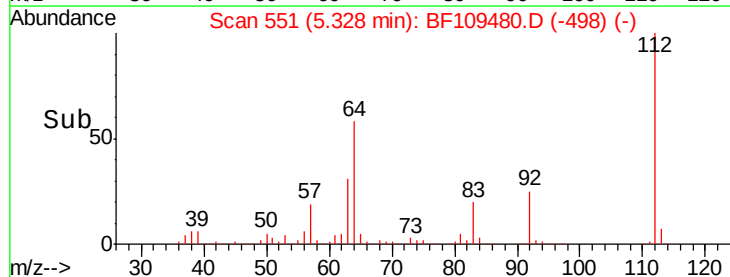
#5

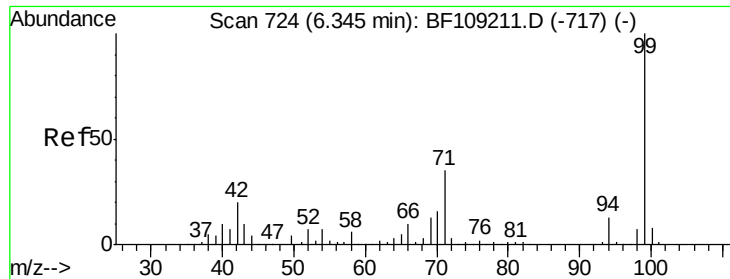
2-Fluorophenol
Concen: 110.745 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109480.D
Acq: 1 Oct 2018 18:39

Tgt Ion:112 Resp: 719778
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 31.0 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: 108.719 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109480.D

Acq: 1 Oct 2018 18:39

Instrument :

BNA_F

ClientSampled :

HC-SOIL-2

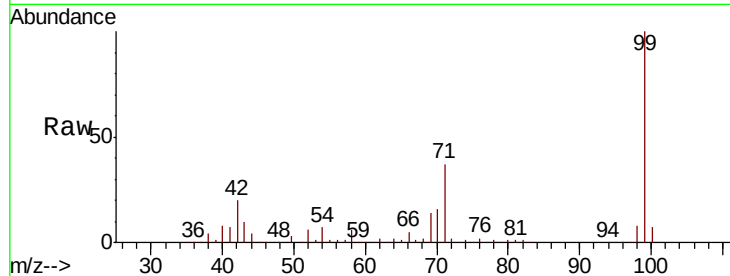
Tot Ion: 99 Resp: 901656

Ion Ratio Lower Upper

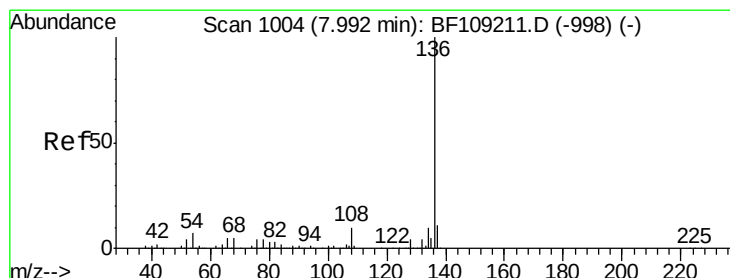
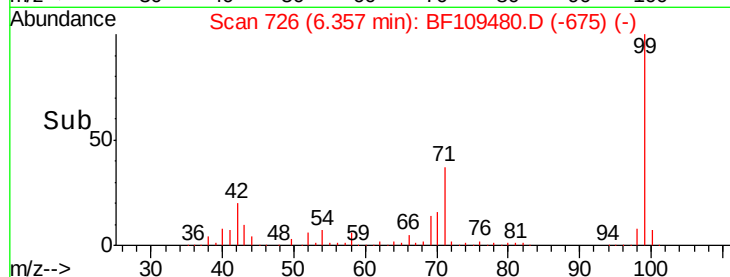
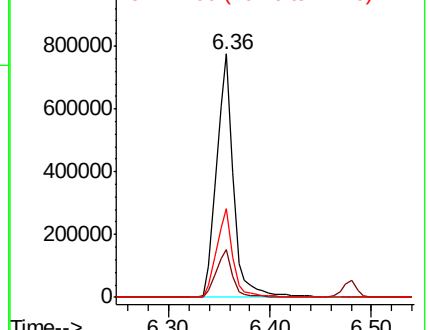
99 100

42 19.7 14.5 21.7

71 36.6 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: BF109480.D

Acq: 1 Oct 2018 18:39

Tgt Ion: 136 Resp: 400135

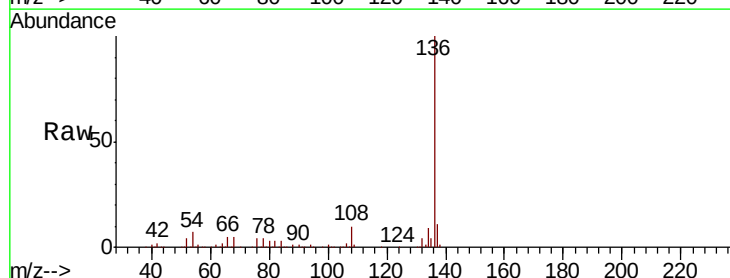
Ion Ratio Lower Upper

136 100

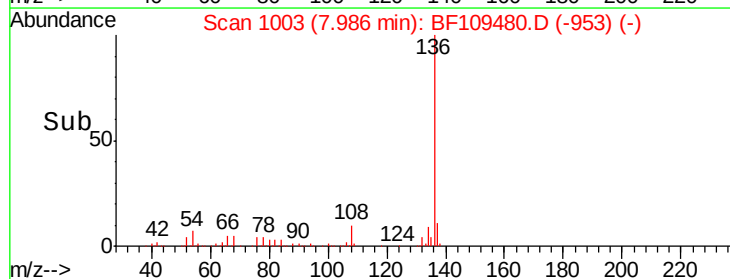
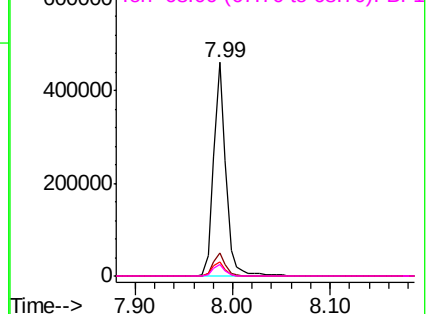
137 10.8 8.9 13.3

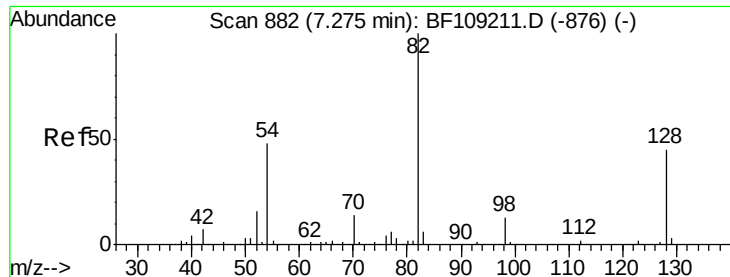
54 6.8 6.6 9.8

68 5.4 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

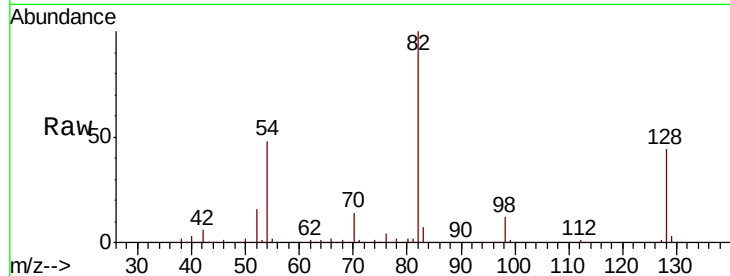




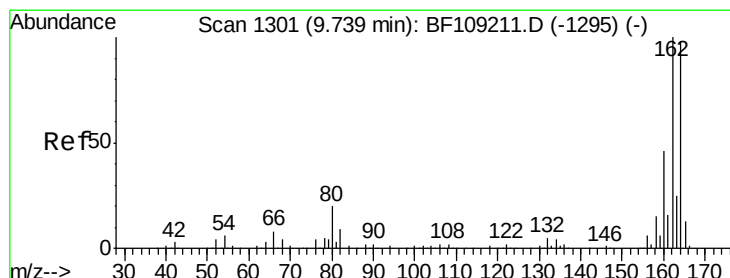
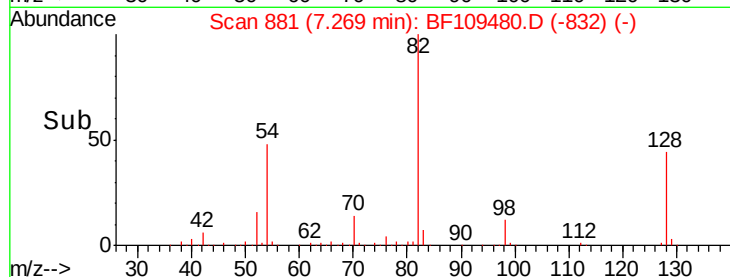
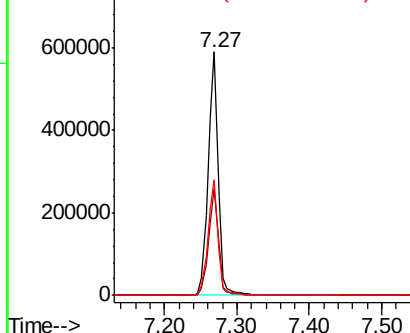
#23
 Nitrobenzene-d5
 Concen: 83.891 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109480.D
 Acq: 1 Oct 2018 18:39

Instrument :
 BNA_F
 ClientSampled :
 HC-SOIL-2

Tot Ion: 82 Resp: 568643
 Ion Ratio Lower Upper
 82 100
 128 43.6 36.1 54.1
 54 47.7 41.4 62.2

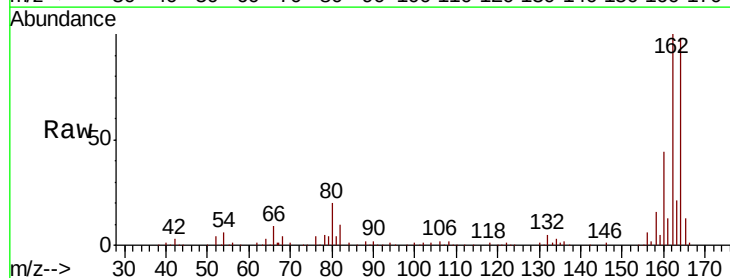


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

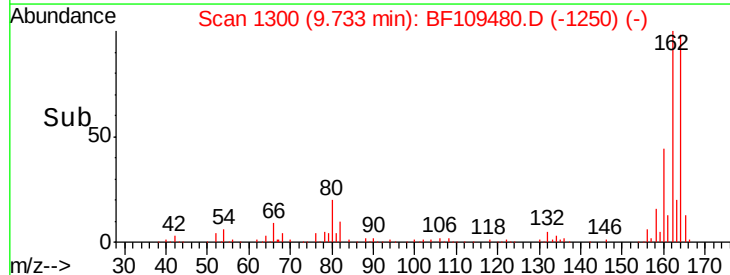
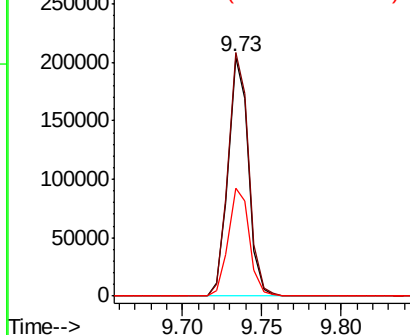


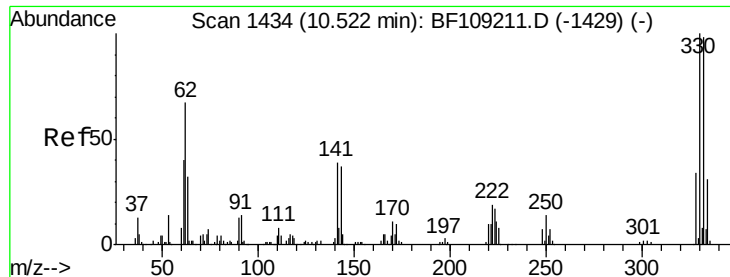
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109480.D
 Acq: 1 Oct 2018 18:39

Tgt Ion:164 Resp: 181268
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 45.3 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

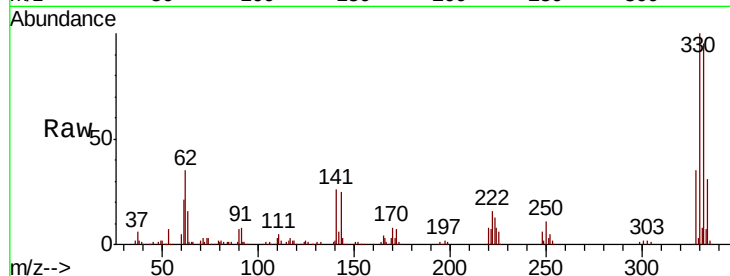




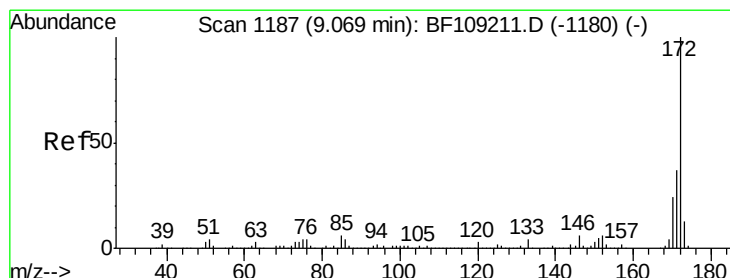
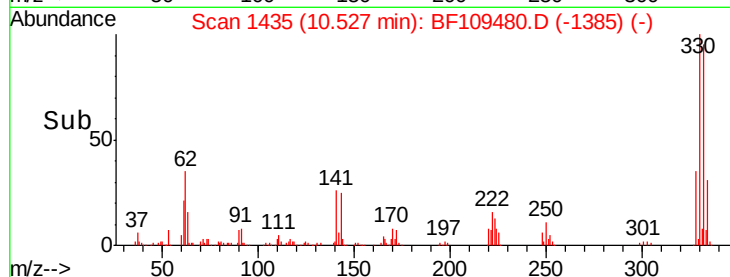
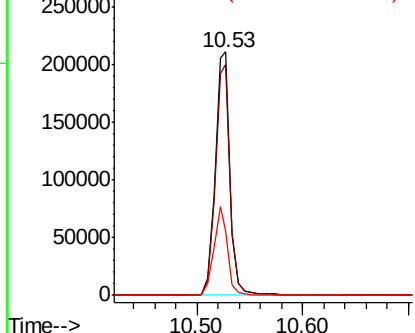
#41
 2,4,6-Tribromophenol
 Concen: 118.299 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109480.D
 Acq: 1 Oct 2018 18:39

Instrument :
 BNA_F
 ClientSampled :
 HC-SOIL-2

Tot Ion:330 Resp: 211391
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 33.6 29.9 44.9

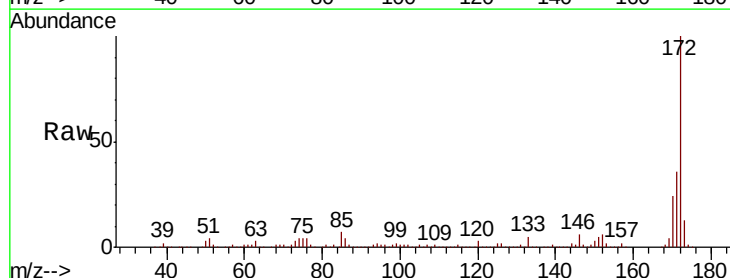


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

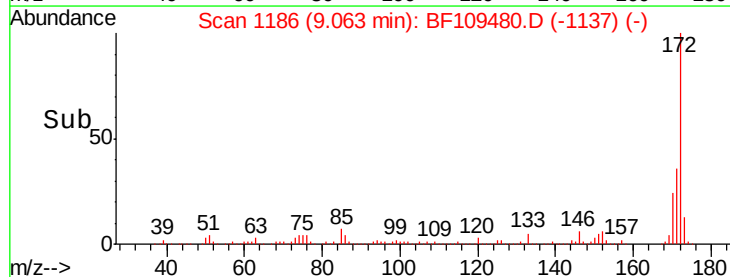
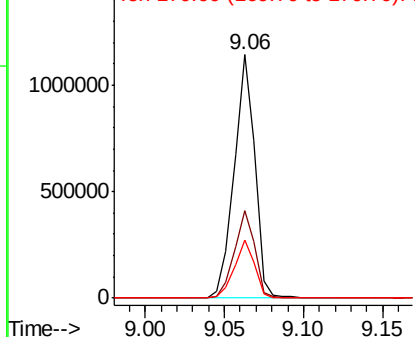


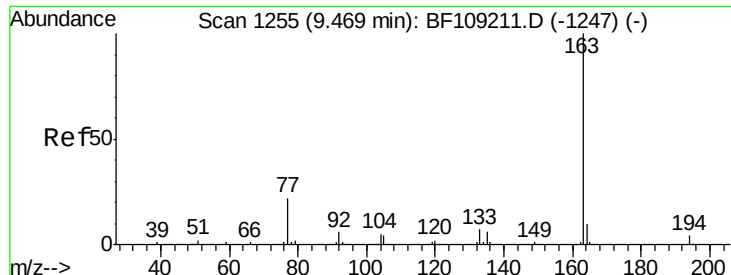
#44
 2-Fluorobiphenyl
 Concen: 85.985 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109480.D
 Acq: 1 Oct 2018 18:39

Tgt Ion:172 Resp: 1033446
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

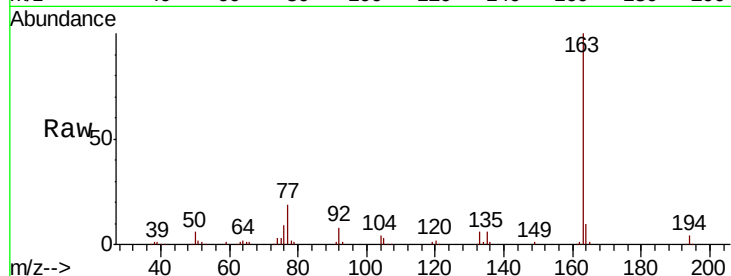




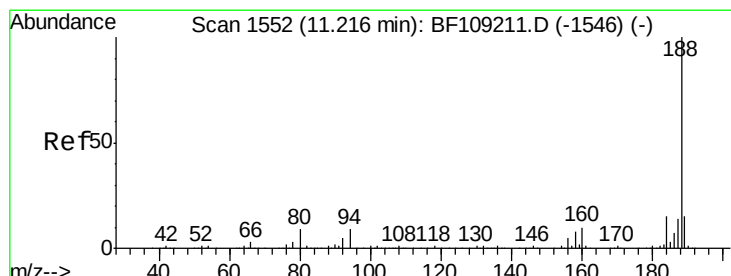
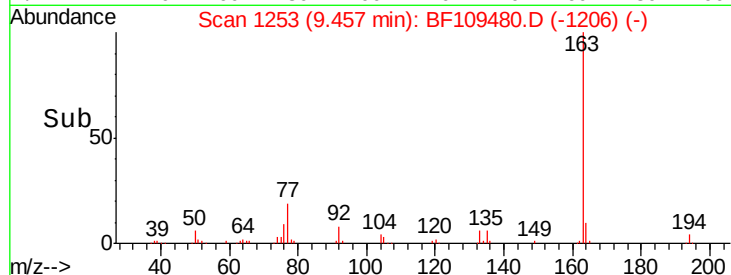
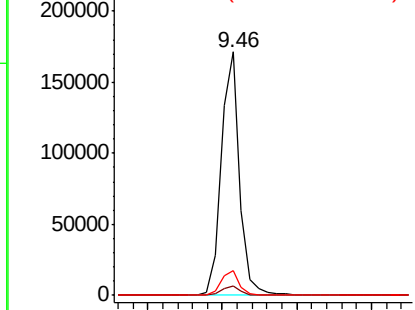
#49
Dimethylphthalate
Concen: 11.167 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109480.D
Acq: 1 Oct 2018 18:39

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

Tot Ion:163 Resp: 147230
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.0 8.2 12.2

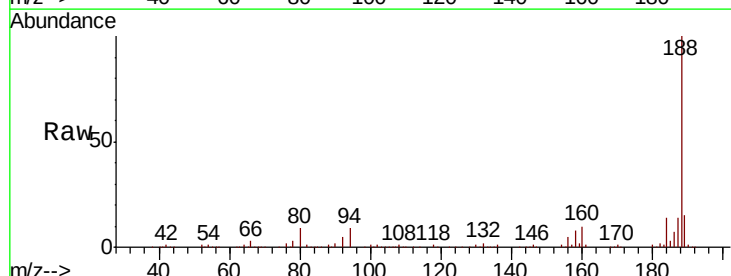


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

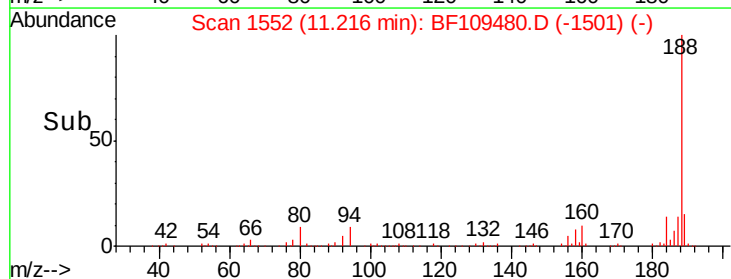
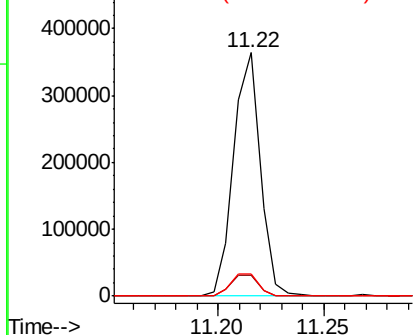


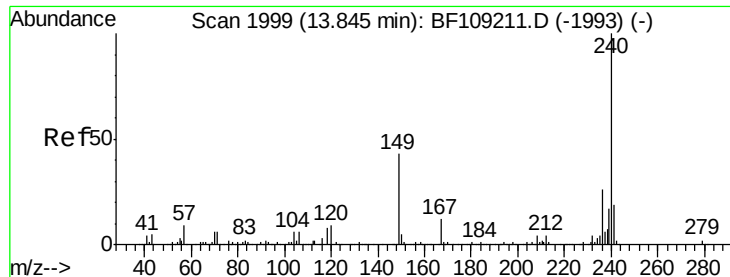
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109480.D
Acq: 1 Oct 2018 18:39

Tgt Ion:188 Resp: 318287
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 8.9 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: BF109480.D

Acq: 1 Oct 2018 18:39

Instrument :

BNA_F

ClientSampleId :

HC-SOIL-2

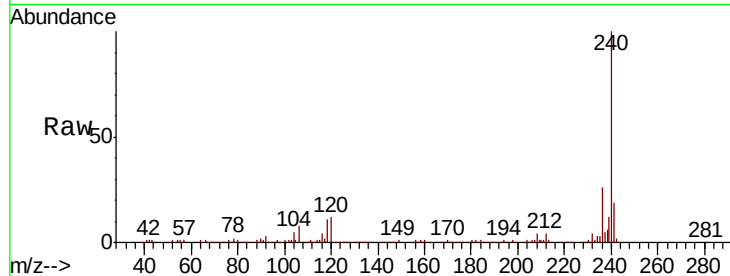
Tot Ion:240 Resp: 245786

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

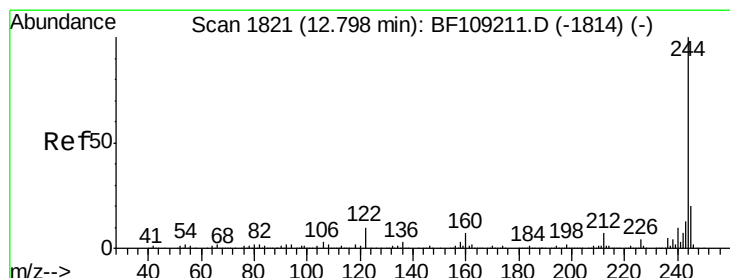
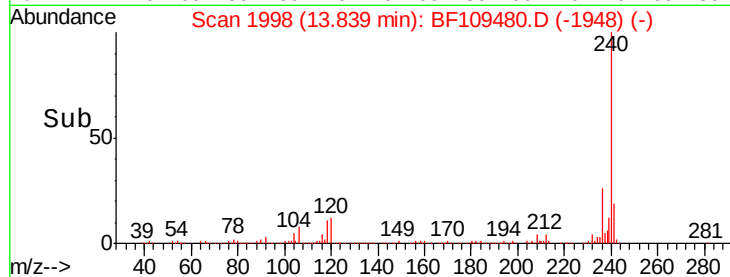
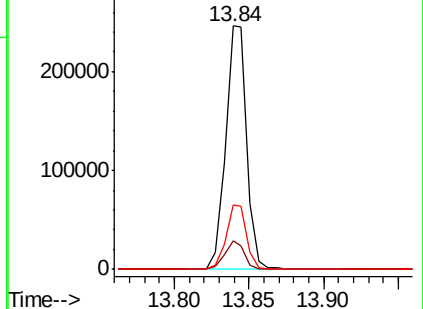
236 26.2 20.7 31.1



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: 91.988 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109480.D

Acq: 1 Oct 2018 18:39

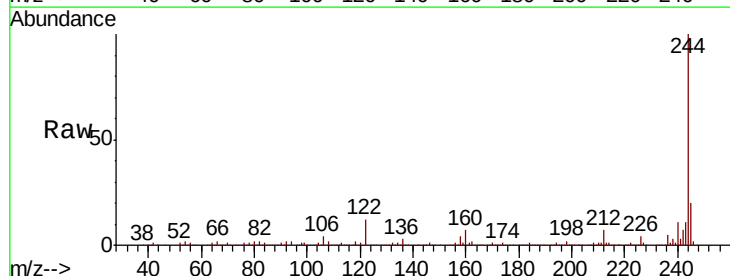
Tgt Ion:244 Resp: 921265

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

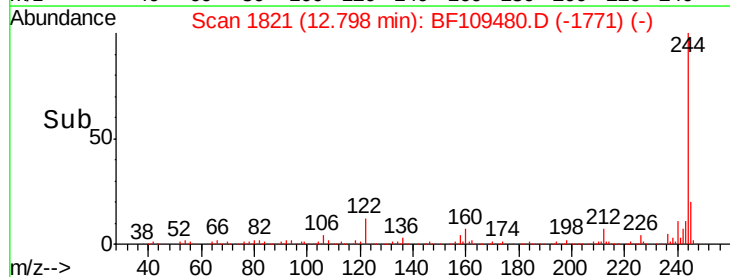
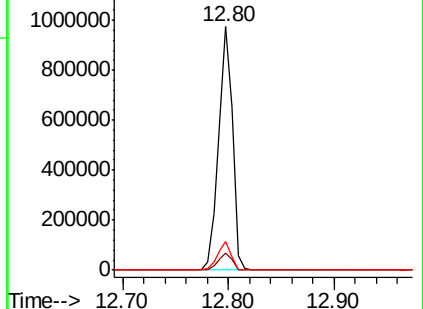
122 11.8 11.0 16.4

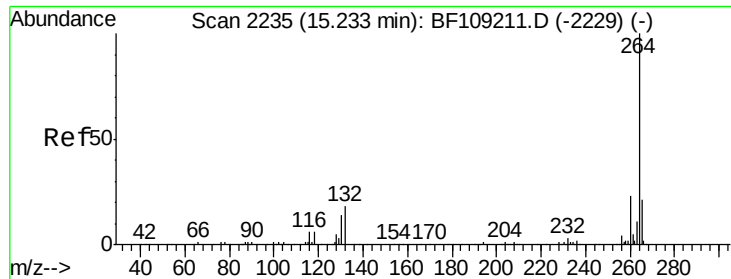


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109480.D
 Acq: 1 Oct 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.0	17.5	26.3

