

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100118\
 Data File : BF109483.D
 Acq On : 1 Oct 2018 19:58
 Operator : JU/SJ
 Sample : J5170-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-3

Quant Time: Oct 02 03:43:09 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

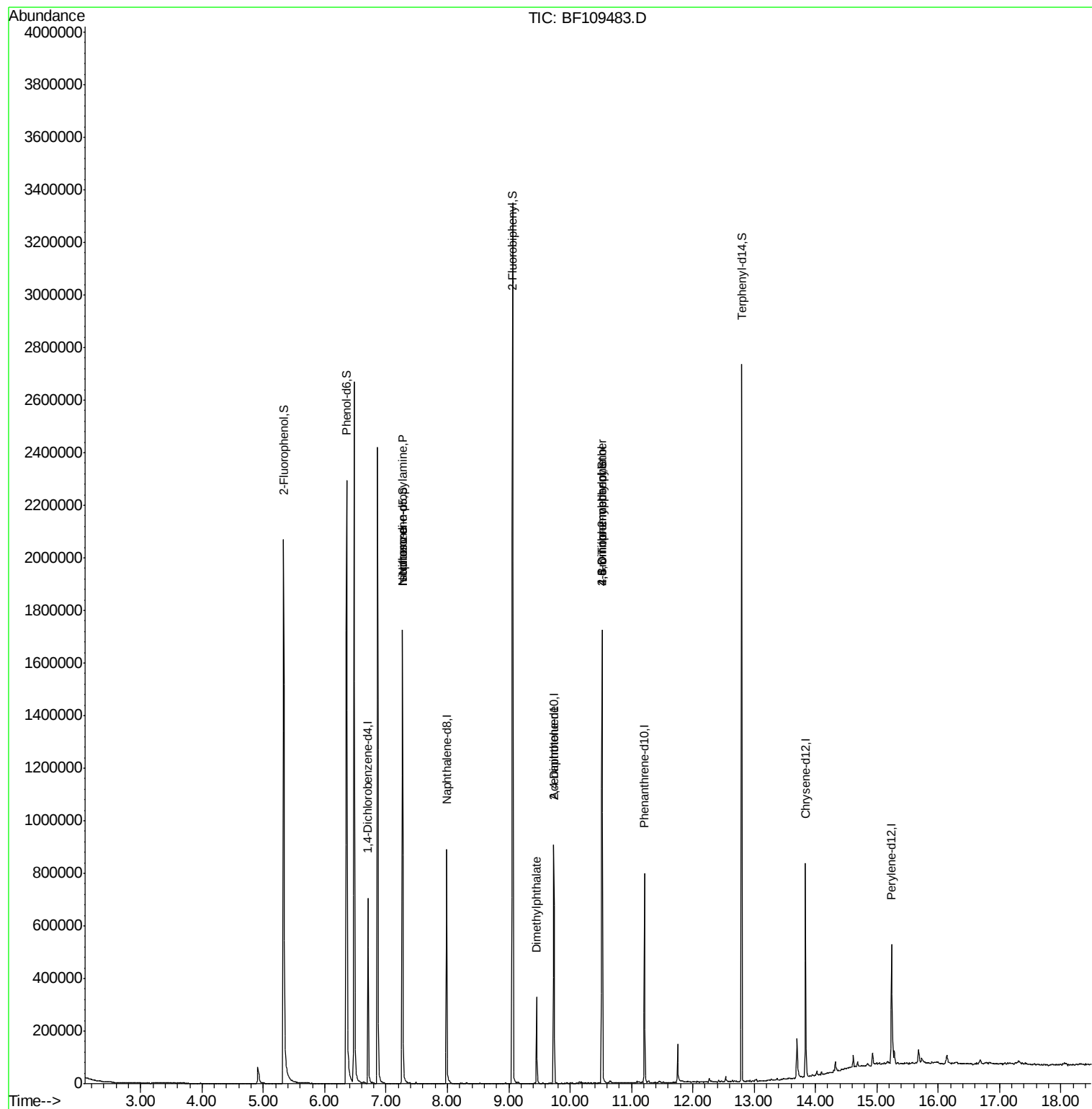
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	112398	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	407064	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	173359	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	297420	20.00	ng	0.00
75) Chrysene-d12	13.84	240	261548	20.00	ng	0.00
86) Perylene-d12	15.24	264	198939	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	765008	112.10	ng	0.01
7) Phenol-d6	6.36	99	947434	108.80	ng	0.00
23) Nitrobenzene-d5	7.27	82	601599	87.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	207405	121.36	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1056321	91.90	ng	-0.01
78) Terphenyl-d14	12.80	244	904014	84.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	81057	14.206	ng	# 79
25) Isophorone	7.27	82	584355	47.060	ng	# 64
49) Dimethylphthalate	9.46	163	143417	11.374	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	22416	7.094	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	217	6.677	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	12530	3.794	ng	# 1

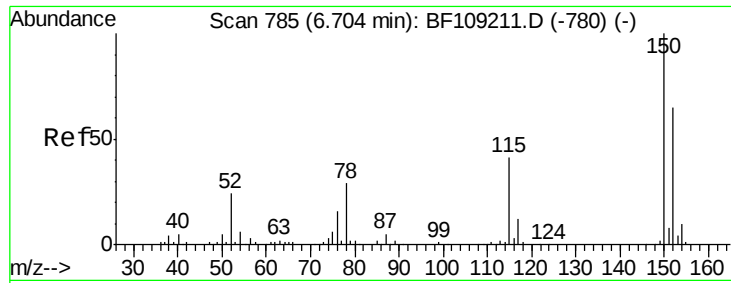
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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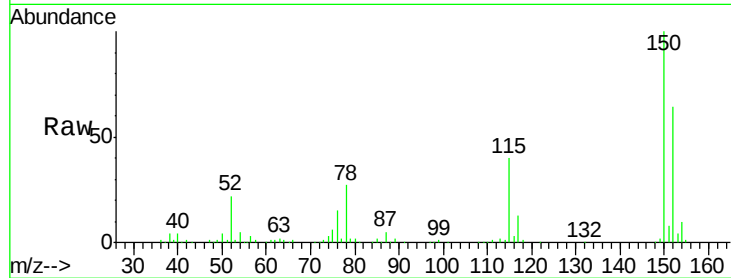




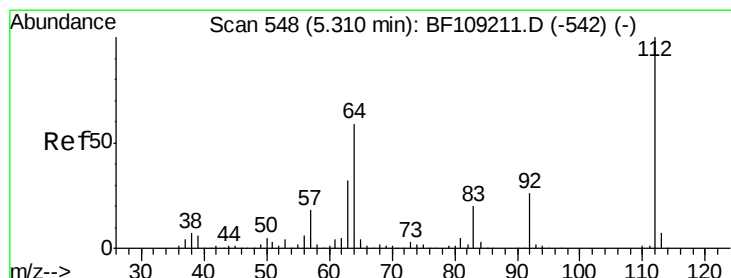
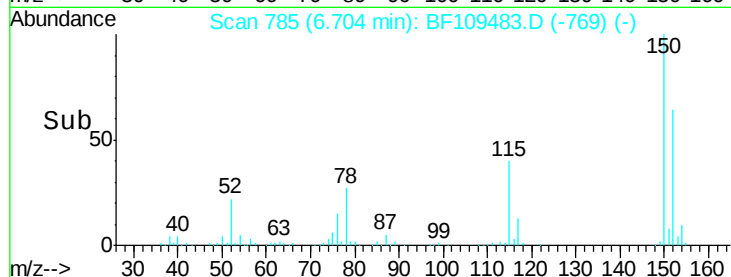
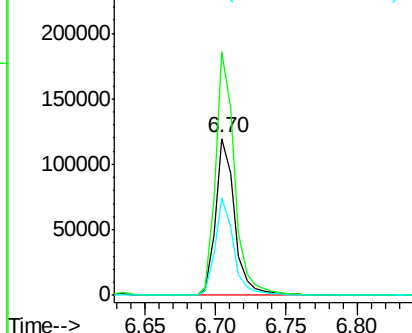
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109483.D
 Acq: 1 Oct 2018 19:58

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-3

Tgt Ion:152 Resp: 112398
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 62.1 50.1 75.1

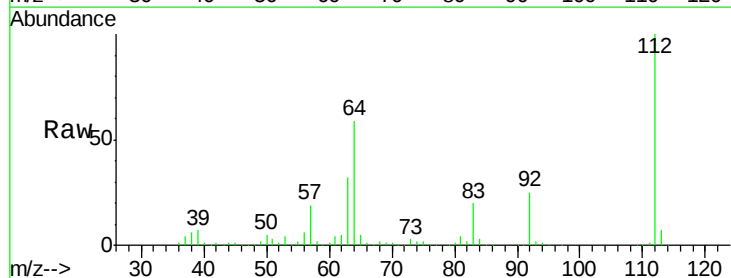


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

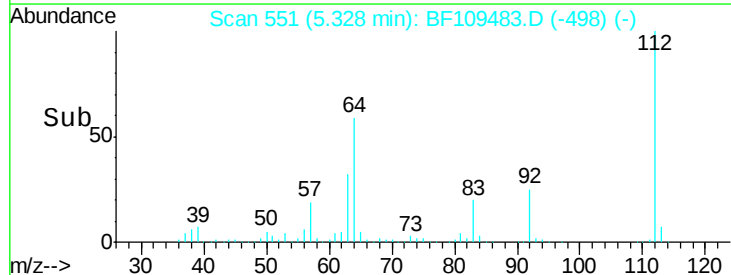
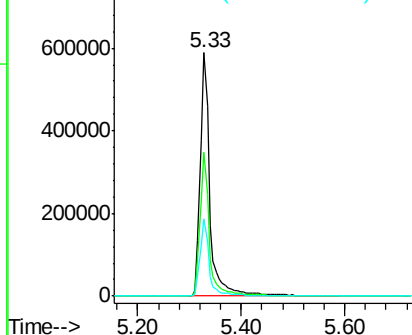


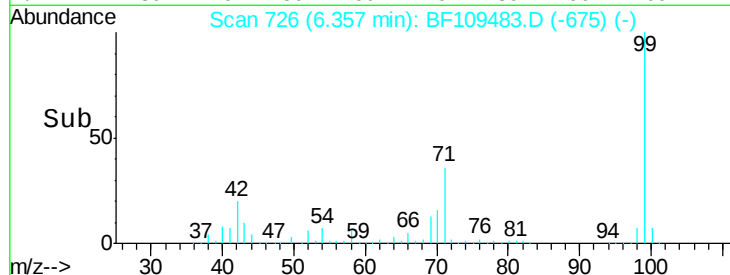
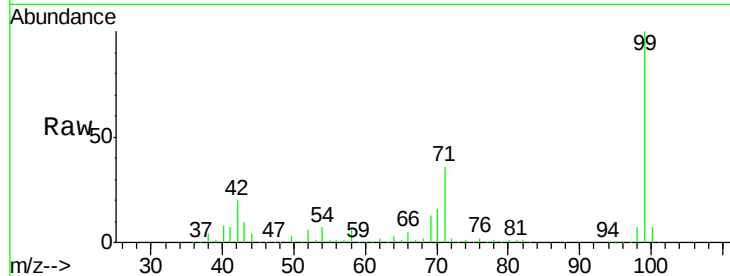
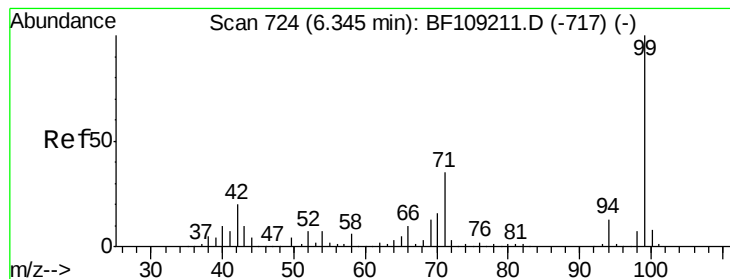
#5
 2-Fluorophenol
 Concen: 112.104 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF109483.D
 Acq: 1 Oct 2018 19:58

Tgt Ion:112 Resp: 765008
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.9 71.9
 63 31.8 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: 108.803 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109483.D

Acq: 1 Oct 2018 19:58

Instrument :

BNA_F

ClientSampleId :

HC-SOIL-3

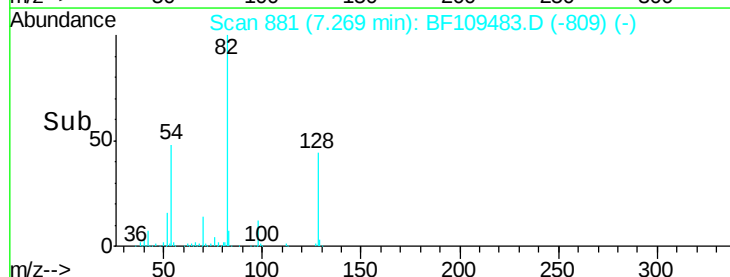
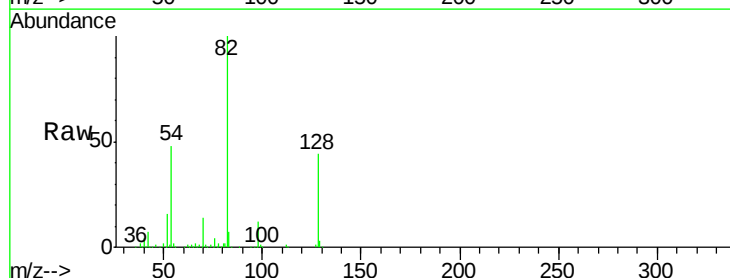
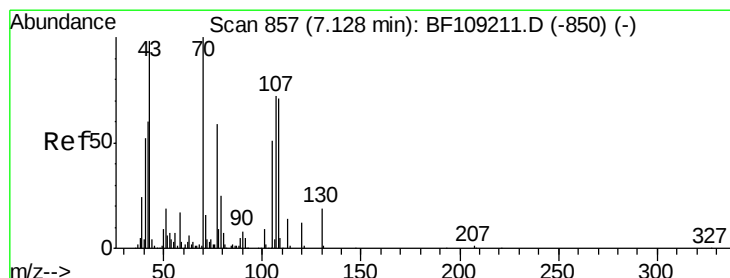
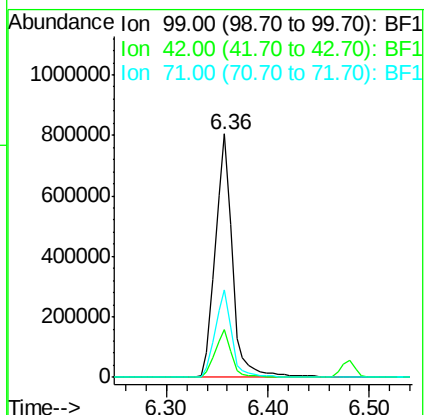
Tgt Ion: 99 Resp: 947434

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 36.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.206 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109483.D

Acq: 1 Oct 2018 19:58

Tgt Ion: 70 Resp: 81057

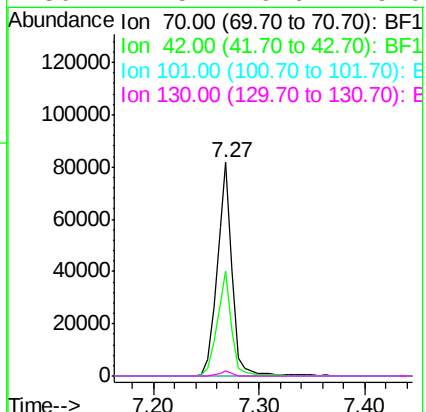
Ion Ratio Lower Upper

70 100

42 48.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109483.D

Acq: 1 Oct 2018 19:58

Instrument :

BNA_F

ClientSampleId :

HC-SOIL-3

Tgt Ion:136 Resp: 407064

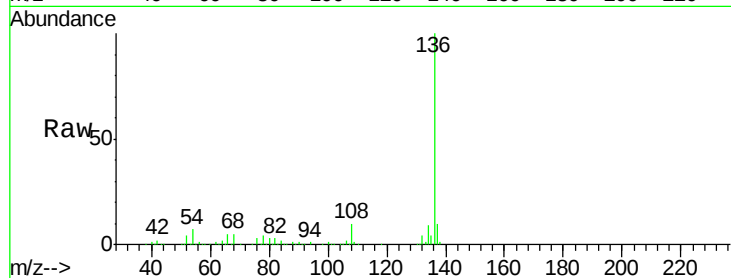
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.8 6.6 9.8

68 5.5 5.0 7.4

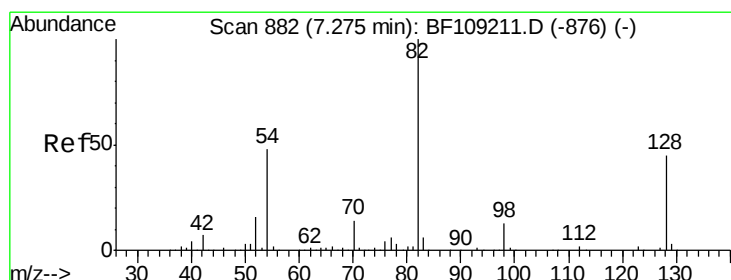
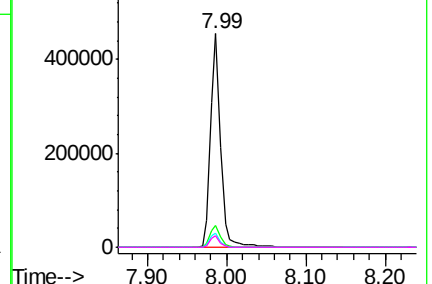
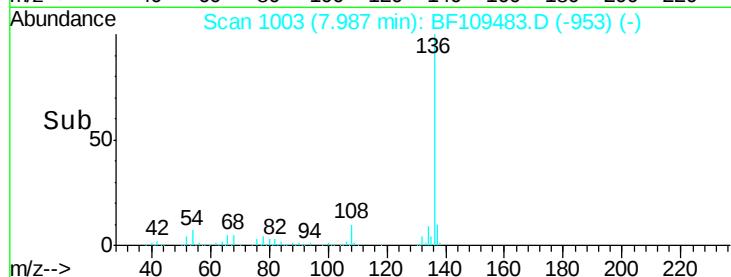


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.243 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109483.D

Acq: 1 Oct 2018 19:58

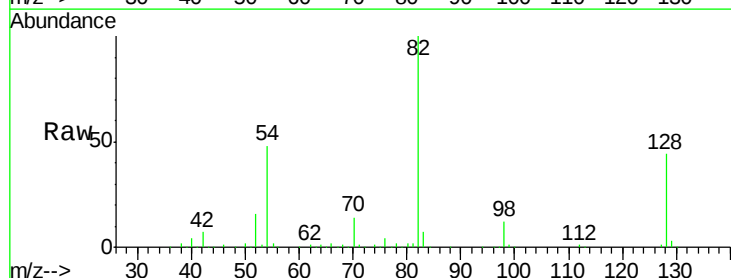
Tgt Ion: 82 Resp: 601599

Ion Ratio Lower Upper

82 100

128 43.6 36.1 54.1

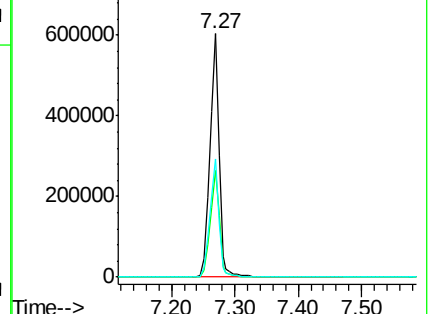
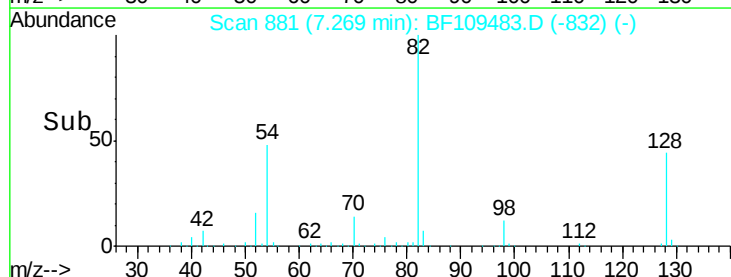
54 48.4 41.4 62.2

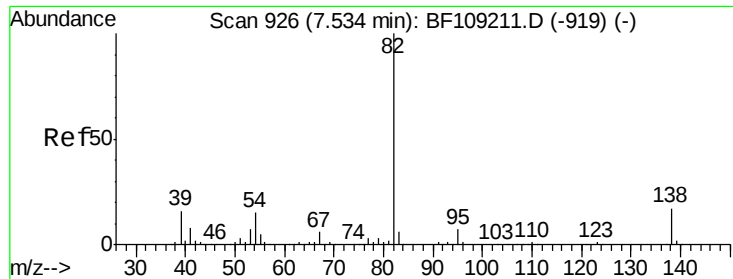


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

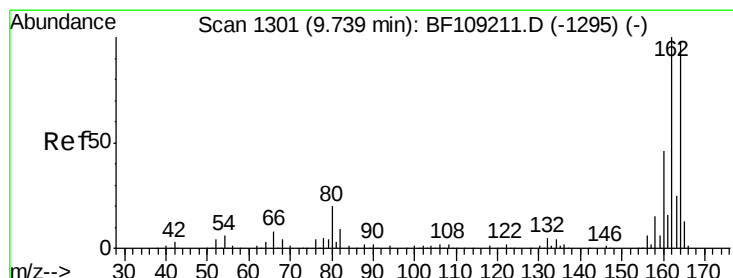
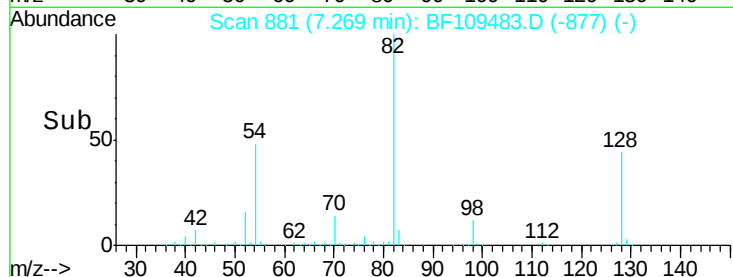
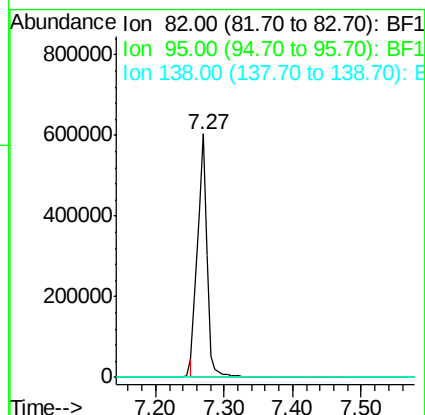
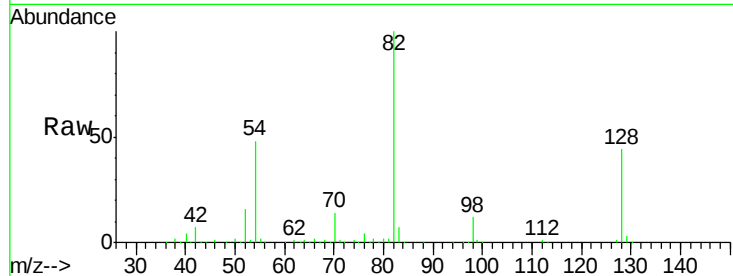




#25
Isophorone
Concen: 47.060 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109483.D
Acq: 1 Oct 2018 19:58

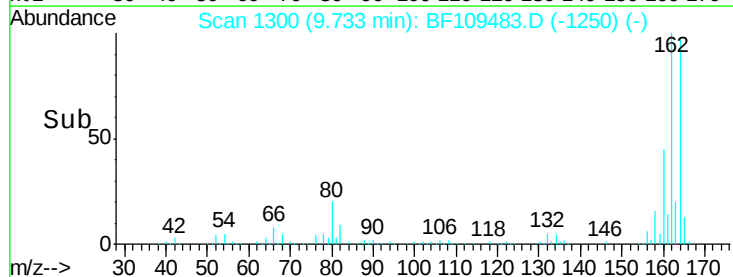
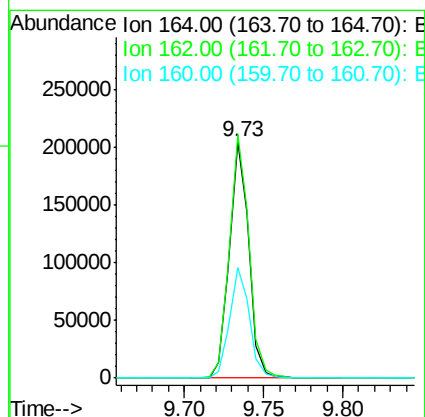
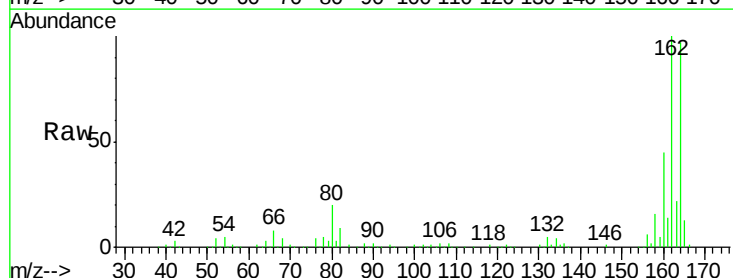
Instrument :
BNA_F
ClientSampleId :
HC-SOIL-3

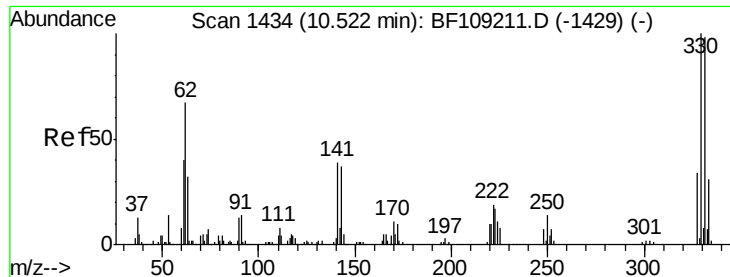
Tgt Ion: 82 Resp: 584355
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109483.D
Acq: 1 Oct 2018 19:58

Tgt Ion: 164 Resp: 173359
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 46.6 38.3 57.5

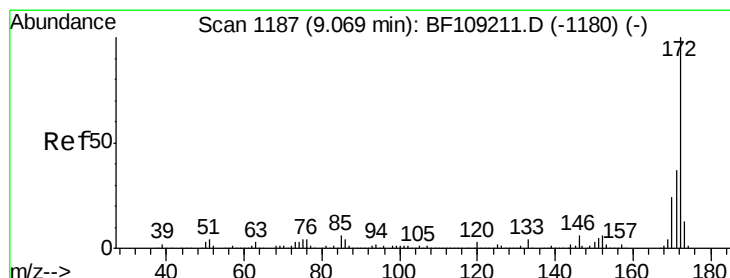
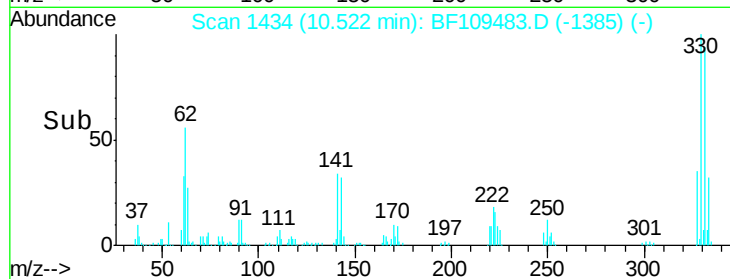
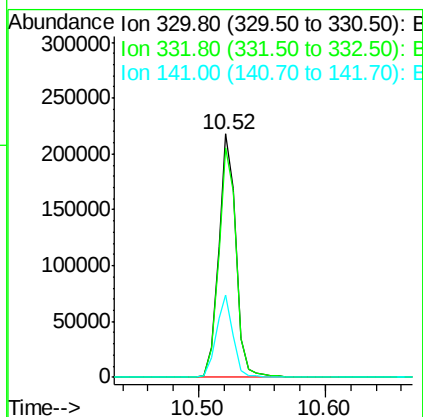
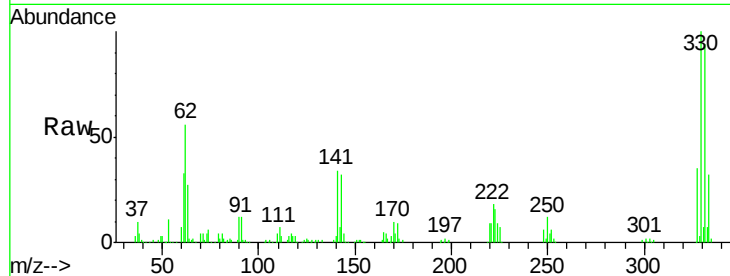




#41
 2,4,6-Tribromophenol
 Concen: 121.363 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109483.D
 Acq: 1 Oct 2018 19:58

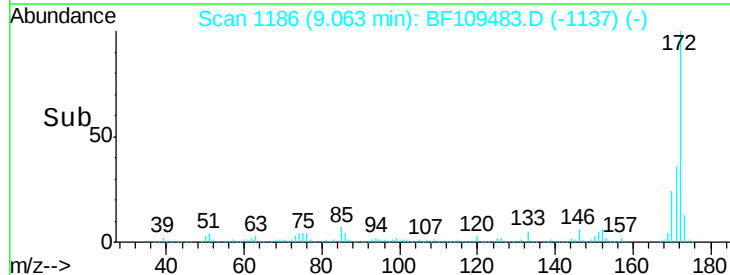
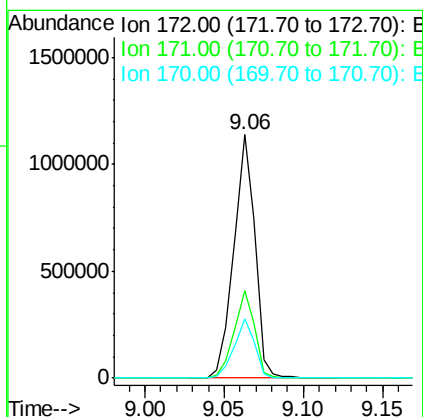
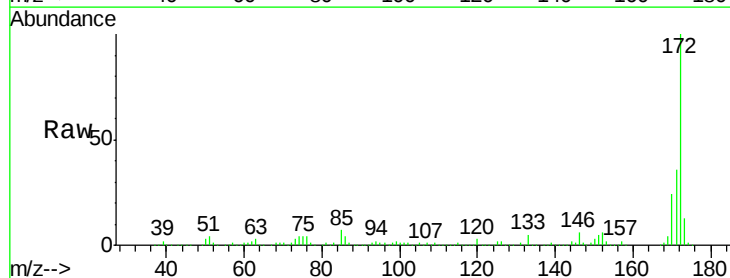
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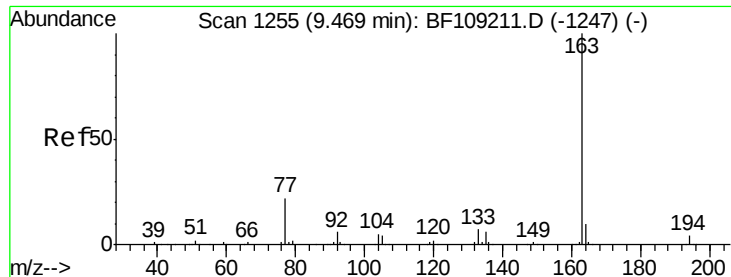
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 91.898 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109483.D
 Acq: 1 Oct 2018 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.5	19.6	29.4

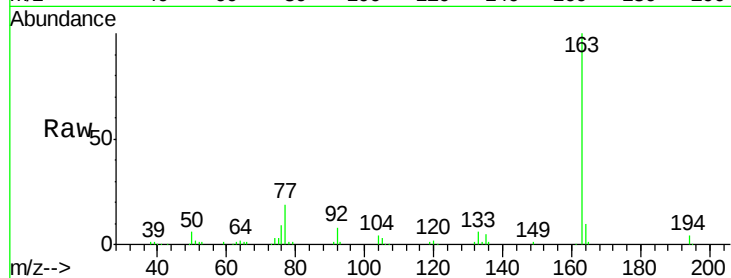




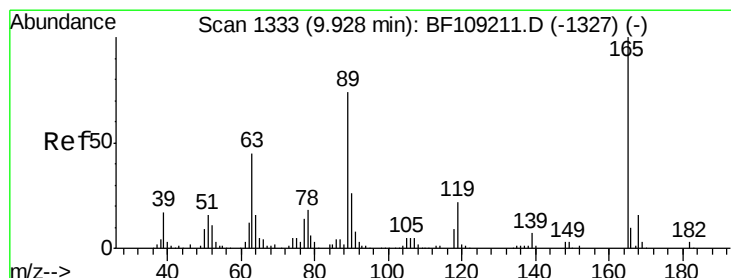
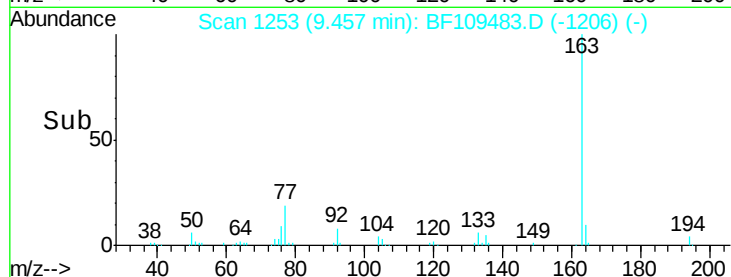
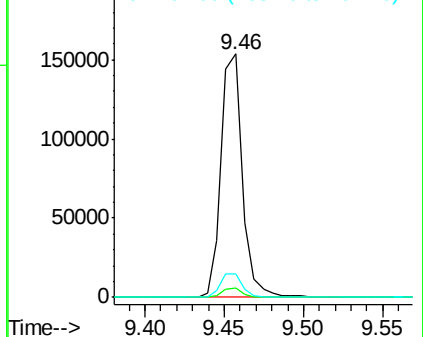
#49
Dimethylphthalate
Concen: 11.374 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109483.D
Acq: 1 Oct 2018 19:58

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-3

Tgt Ion:163 Resp: 143417
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.7 8.2 12.2

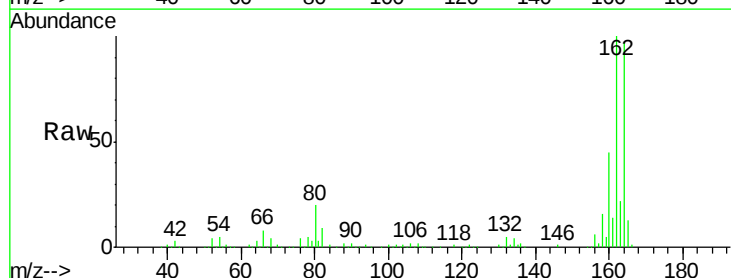


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

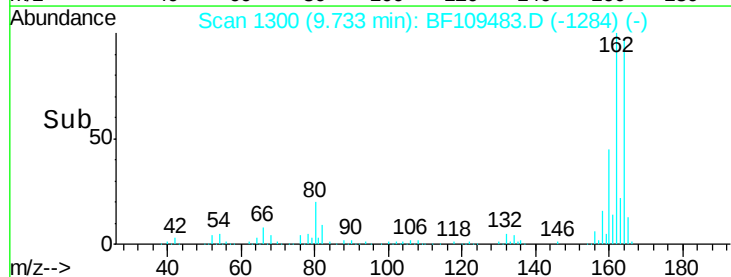
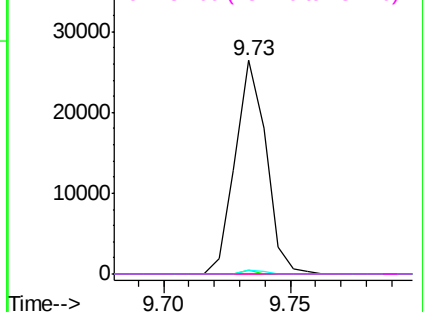


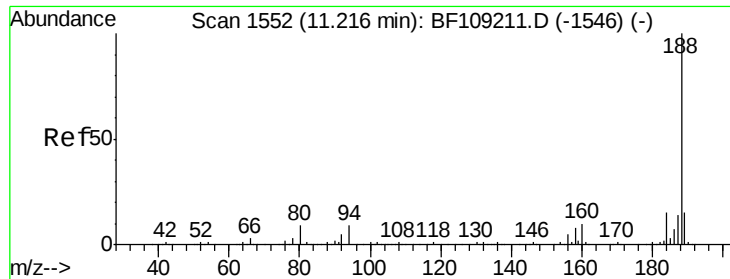
#56
2,4-Dinitrotoluene
Concen: 7.094 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109483.D
Acq: 1 Oct 2018 19:58

Tgt Ion:165 Resp: 22416
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 2.1 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

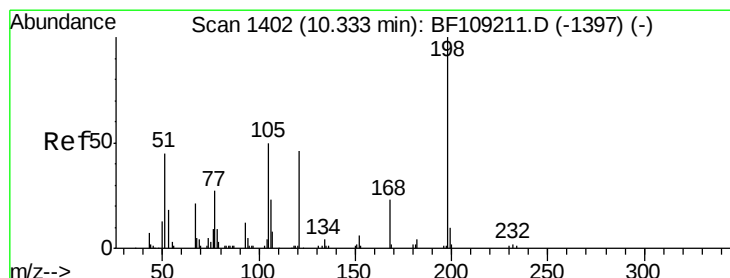
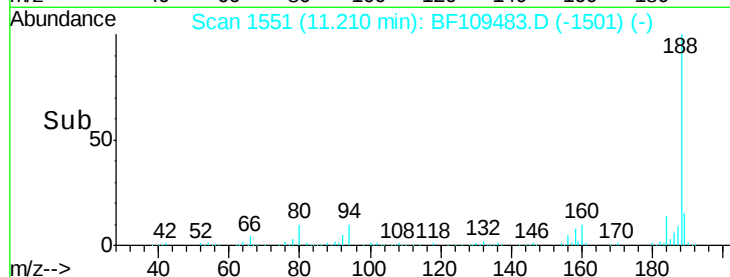
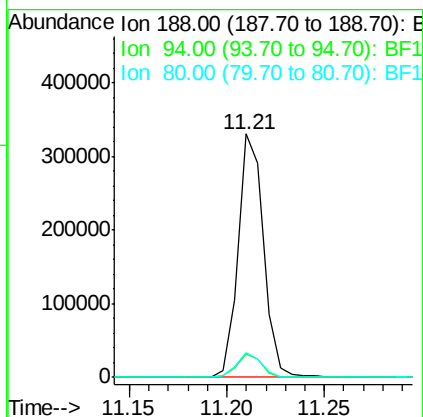
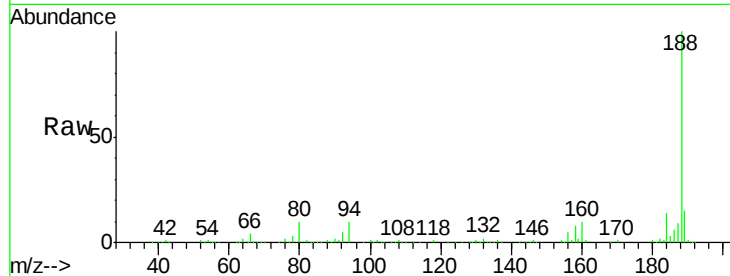




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109483.D
Acq: 1 Oct 2018 19:58

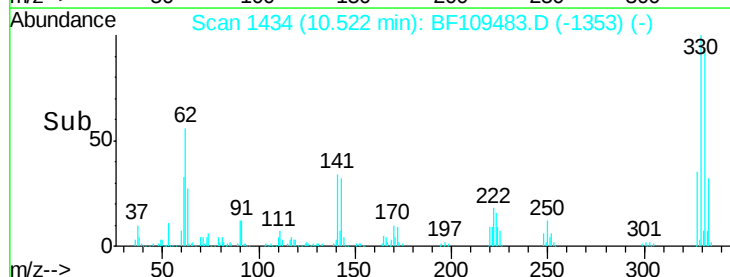
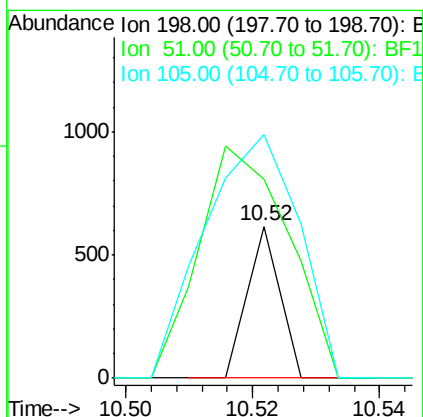
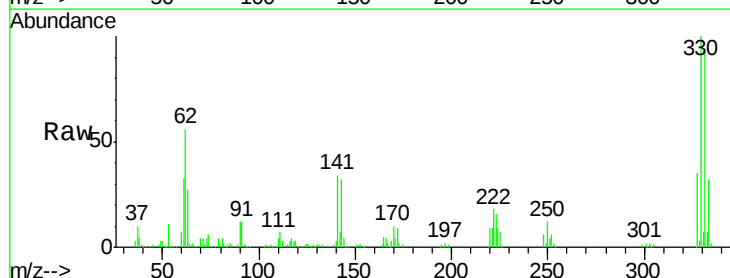
Instrument :
BNA_F
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HC-SOIL-3

Tgt Ion:188 Resp: 297420
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.677 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109483.D
Acq: 1 Oct 2018 19:58

Tgt Ion:198 Resp: 217
Ion Ratio Lower Upper
198 100
51 130.7 37.7 77.7#
105 160.7 36.3 76.3#

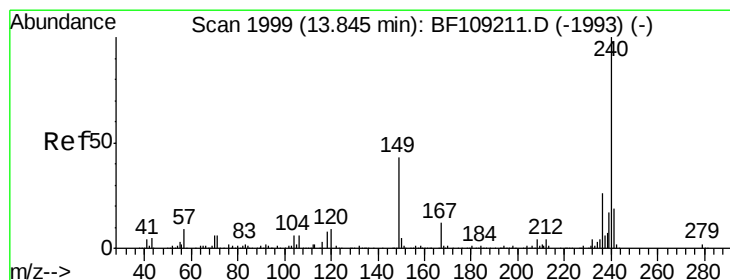
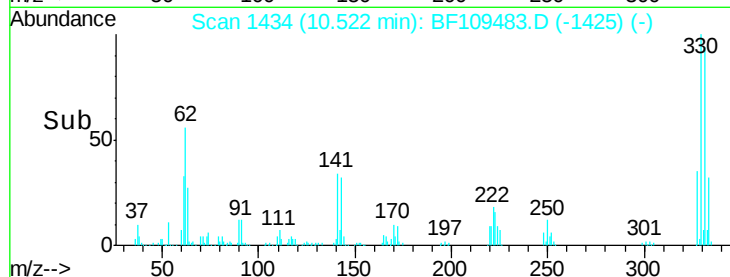
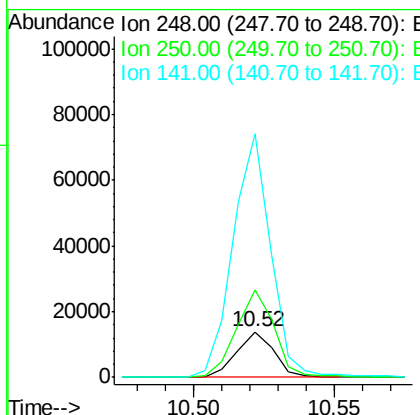
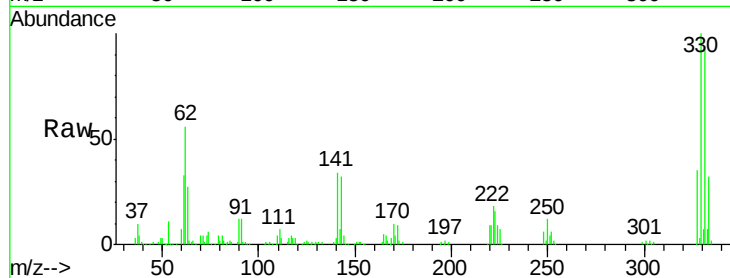




#66
4-Bromophenyl-phenylether
Concen: 3.794 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109483.D
Acq: 1 Oct 2018 19:58

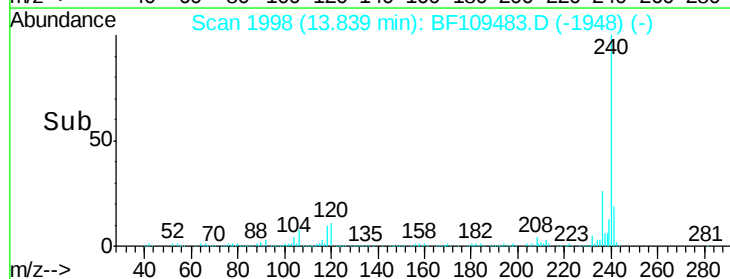
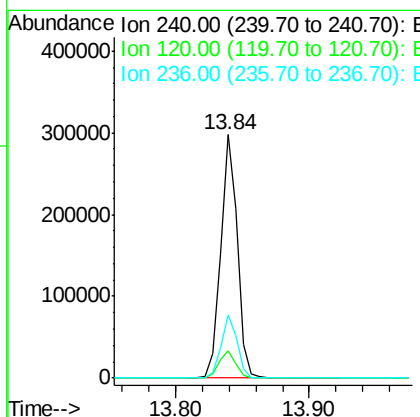
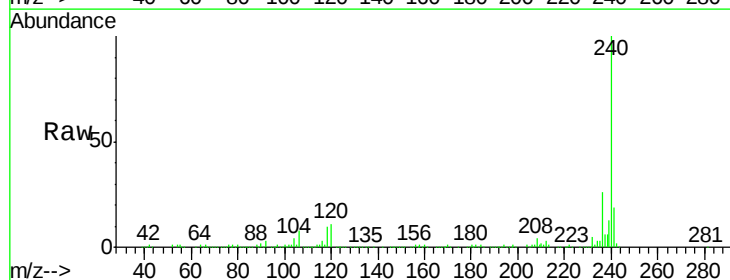
Instrument :
BNA_F
ClientSampleId :
HC-SOIL-3

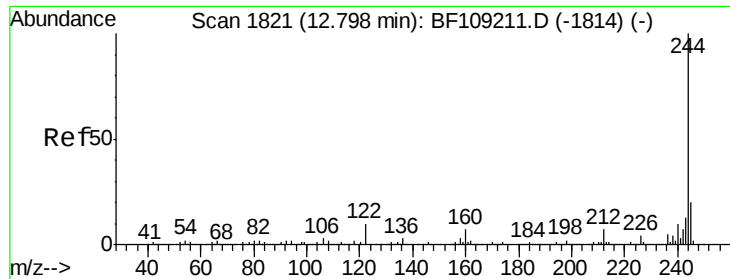
Tgt Ion:248 Resp: 12530
Ion Ratio Lower Upper
248 100
250 191.2 76.9 115.3#
141 532.2 74.4 111.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109483.D
Acq: 1 Oct 2018 19:58

Tgt Ion:240 Resp: 261548
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 26.1 20.7 31.1

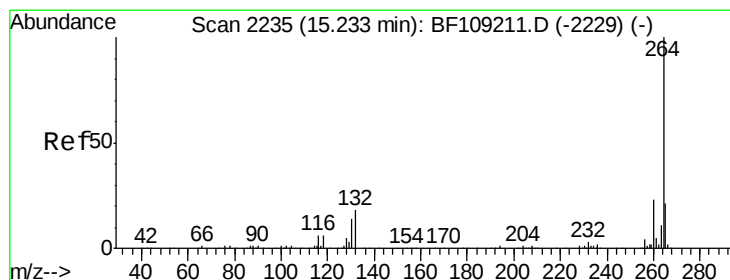
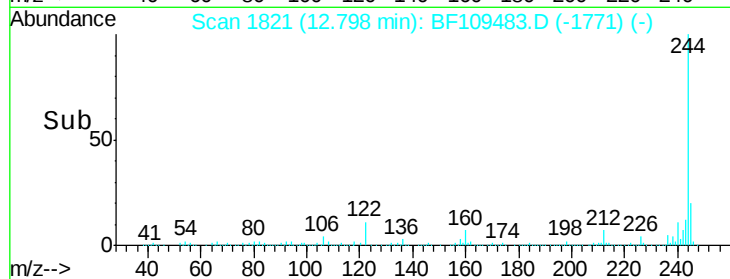
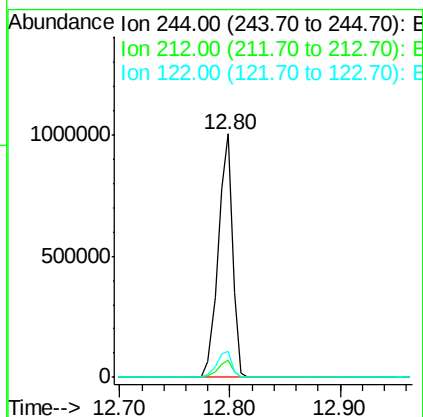
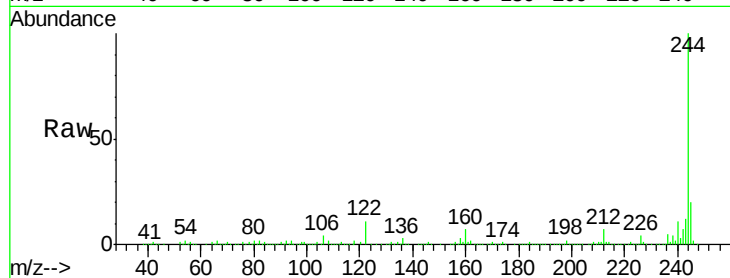




#78
 Terphenyl-d14
 Concen: 84.826 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109483.D
 Acq: 1 Oct 2018 19:58

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-3

Tgt Ion:244 Resp: 904014
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109483.D
 Acq: 1 Oct 2018 19:58

Tgt Ion:264 Resp: 198939
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 20.6 17.5 26.3

