

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 00:10:14 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

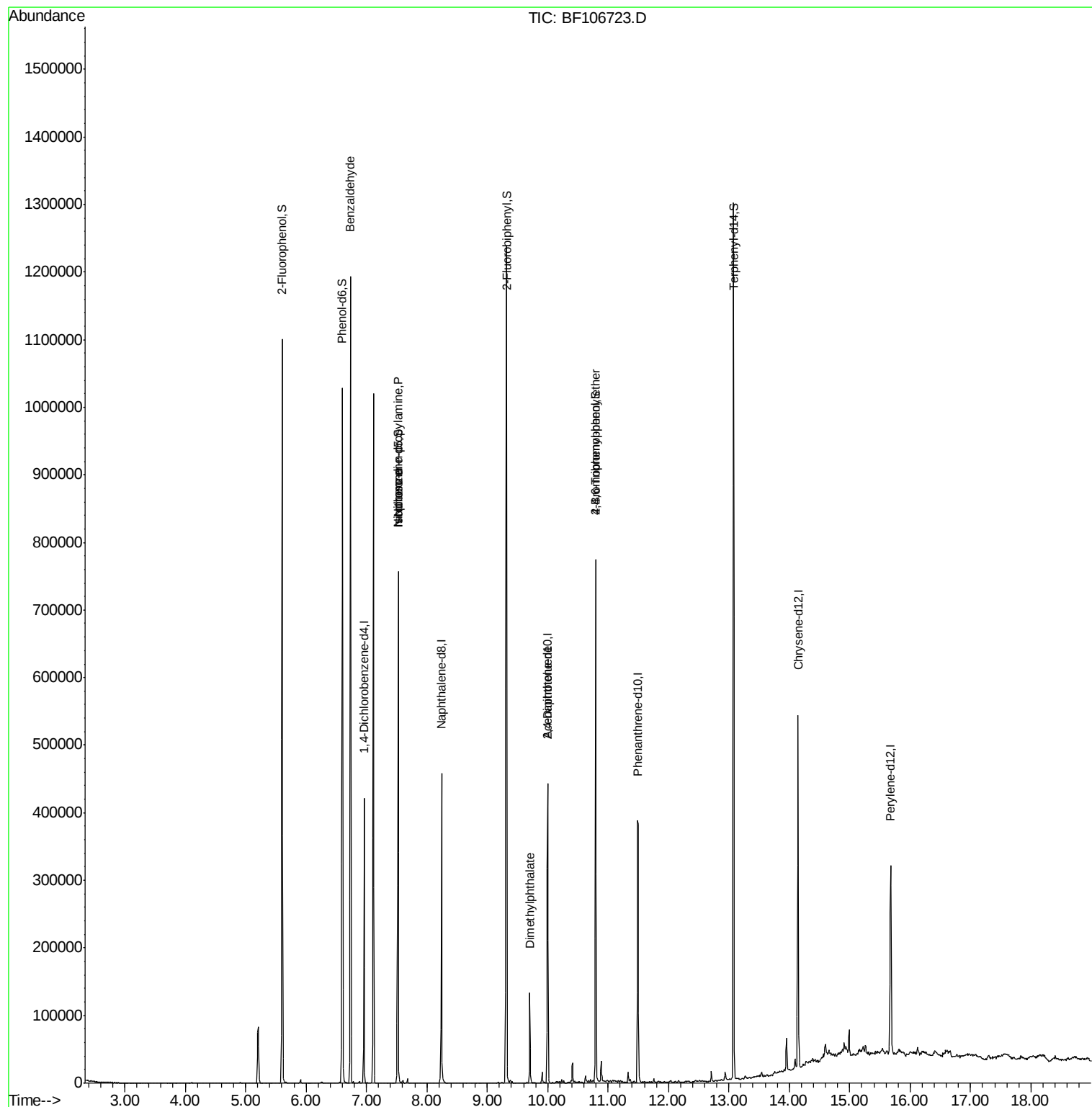
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	56969	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	205386	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	90234	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	158325	20.00	ng	0.00
75) Chrysene-d12	14.14	240	167103	20.00	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						
9) Benzaldehyde	6.74	77	7387	2.096	ng	83
19) n-Nitroso-di-n-propylamine	7.52	70	33900	12.241	ng	# 76
25) Isophorone	7.52	82	262782	40.351	ng	# 64
49) Dimethylphthalate	9.71	163	54718	8.085	ng	100
56) 2,4-Dinitrotoluene	10.00	165	11382	6.085	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	6788	3.592	ng	# 1

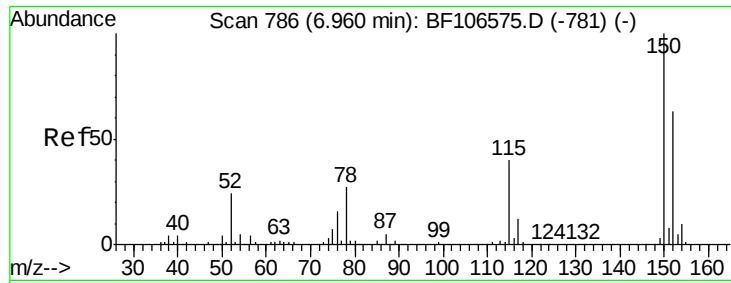
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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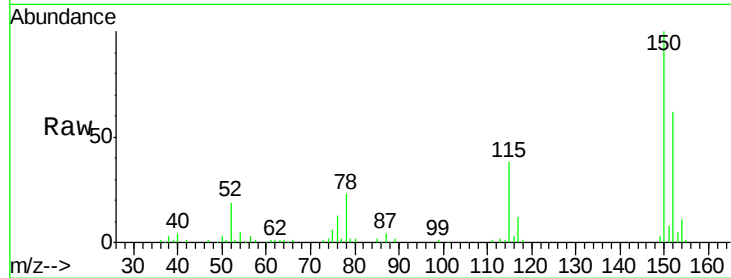


#1

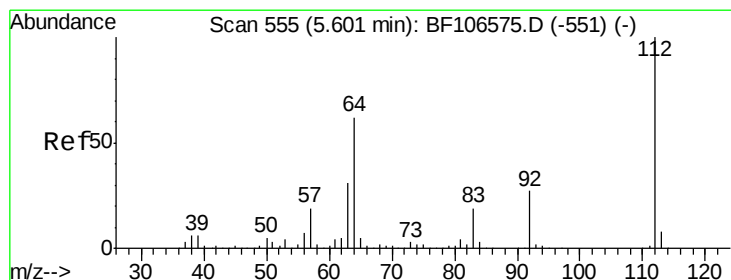
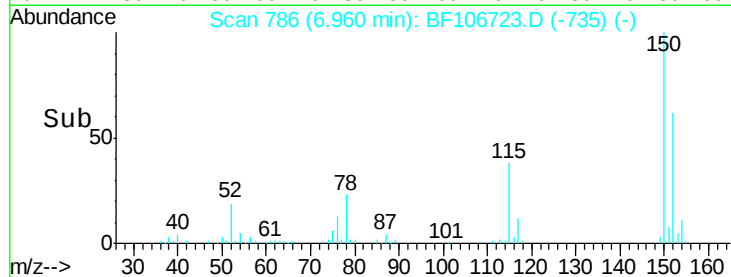
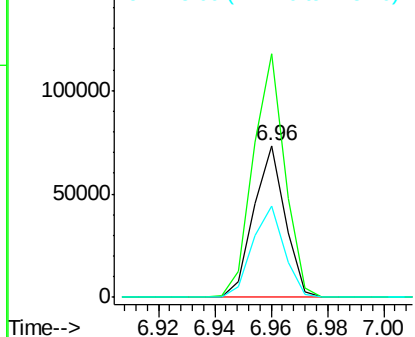
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106723.D
Acq: 22 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

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



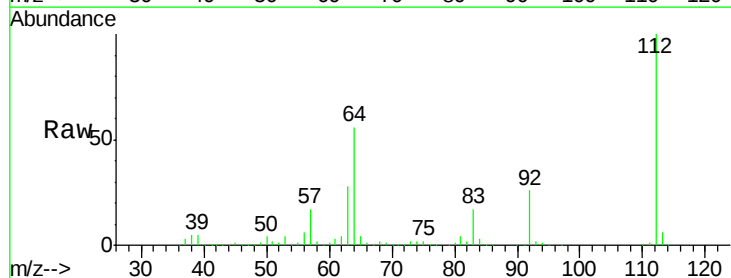
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



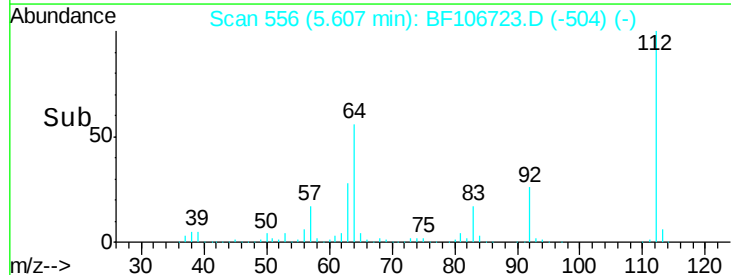
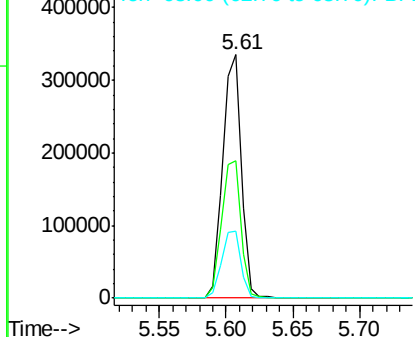
#5

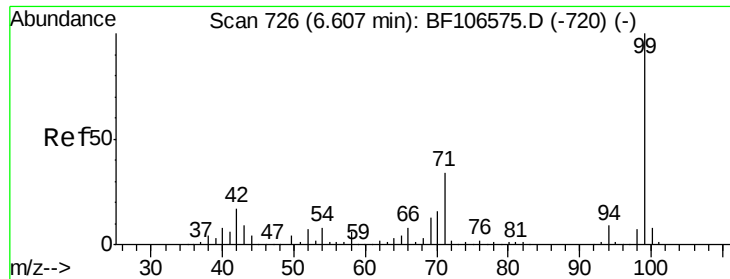
2-Fluorophenol
Concen: 99.365 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106723.D
Acq: 22 Jun 2018 21:55

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

ClientSampleId :

HC-SOIL-2

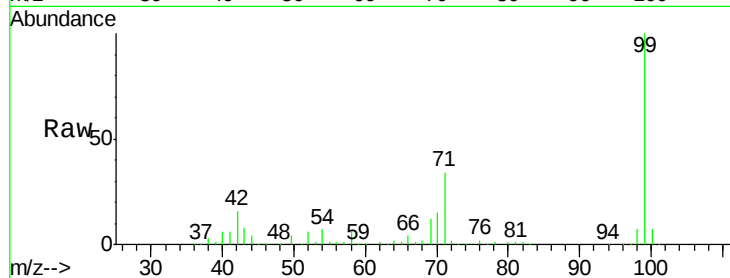
Tgt Ion: 99 Resp: 415977

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

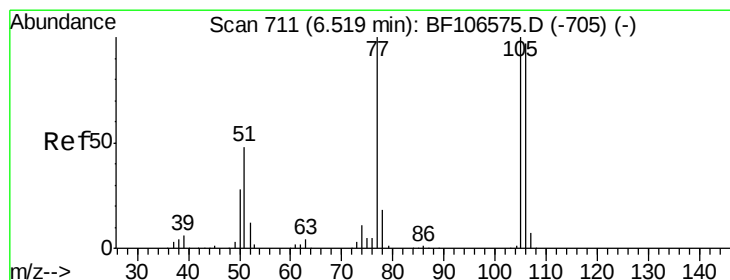
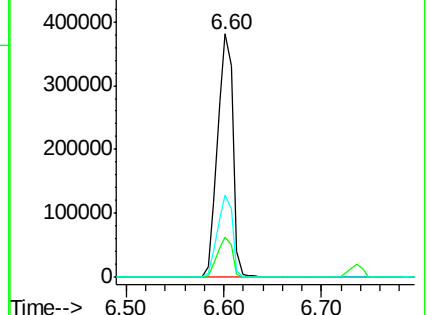
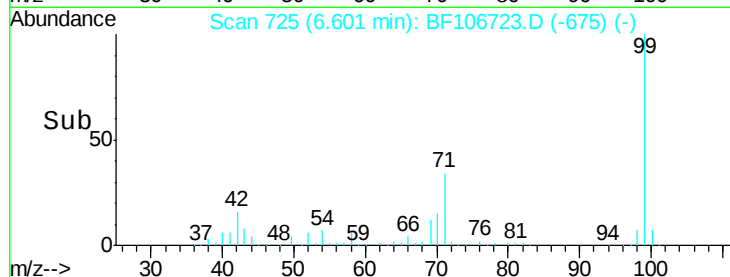
71 34.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.096 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106723.D

Acq: 22 Jun 2018 21:55

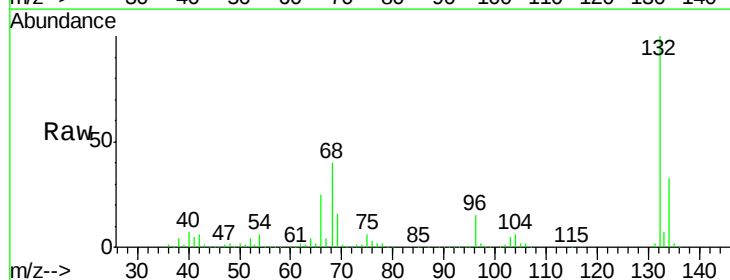
Tgt Ion: 77 Resp: 7387

Ion Ratio Lower Upper

77 100

105 81.9 81.1 121.1

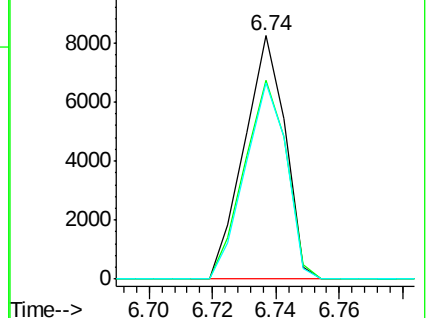
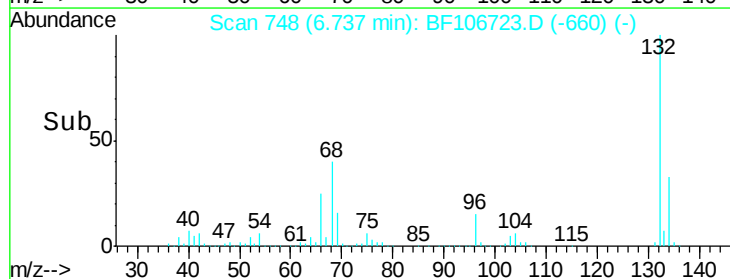
106 80.6 74.5 114.5

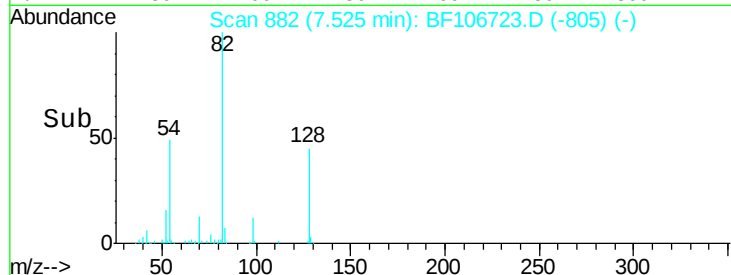
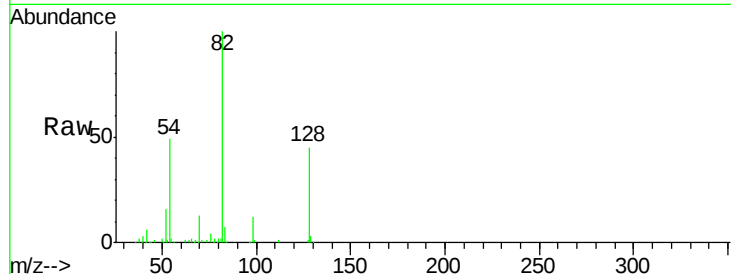
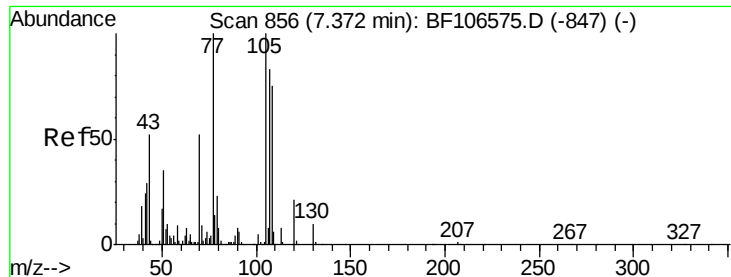


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

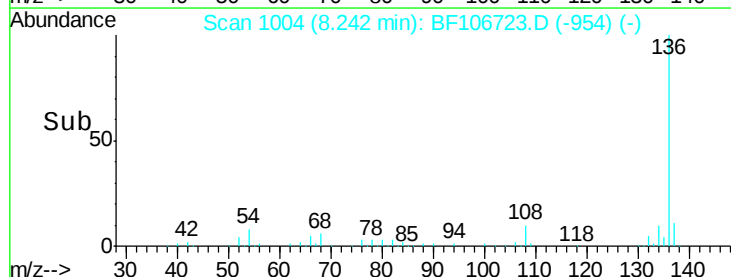
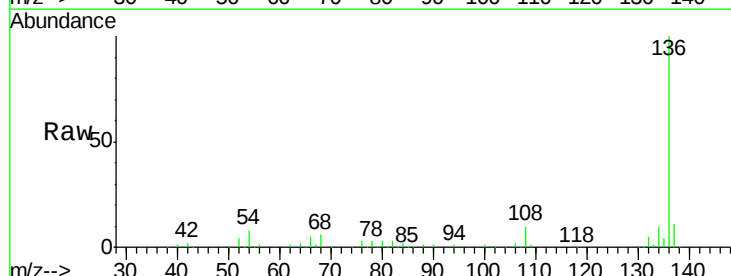
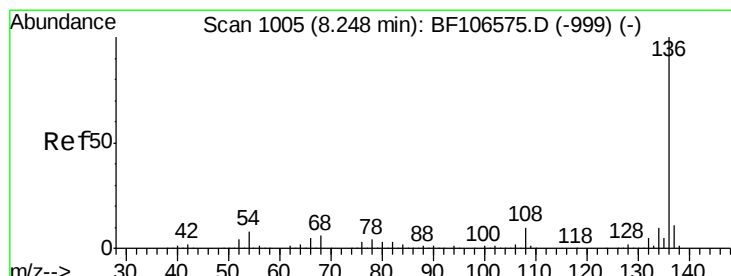
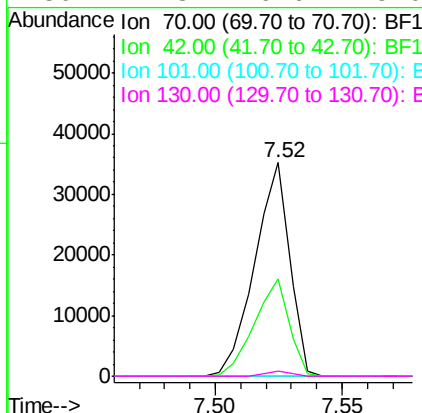




#19
n-Nitroso-di-n-propylamine
Concen: 12.241 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106723.D
Acq: 22 Jun 2018 21:55

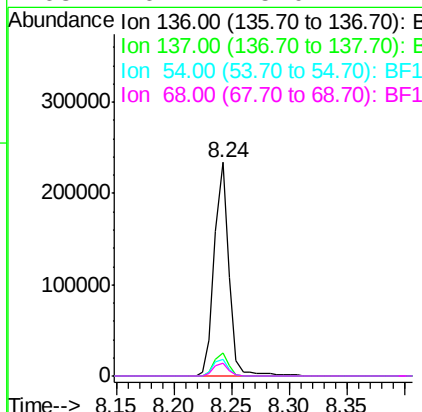
Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

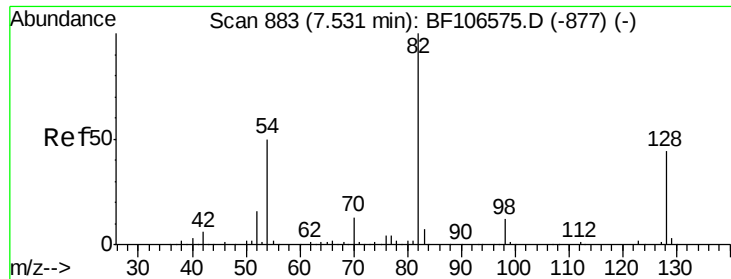
Tgt Ion: 70 Resp: 33900
Ion Ratio Lower Upper
70 100
42 45.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#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

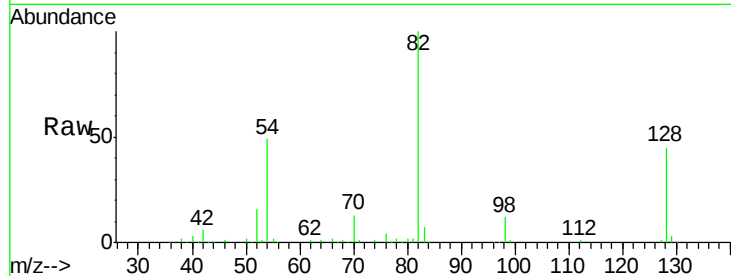




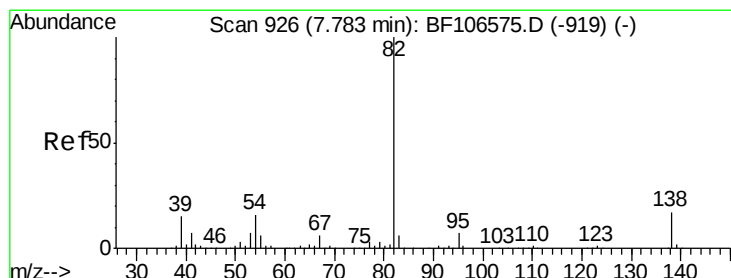
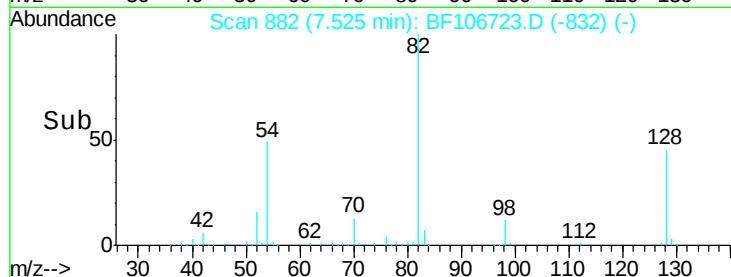
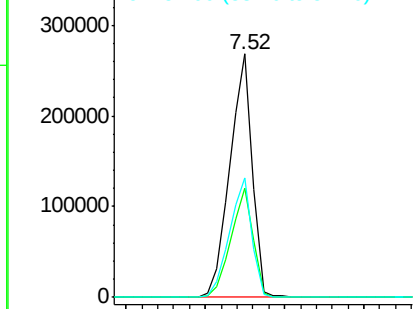
#23
Nitrobenzene-d5
Concen: 71.105 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106723.D
Acq: 22 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

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

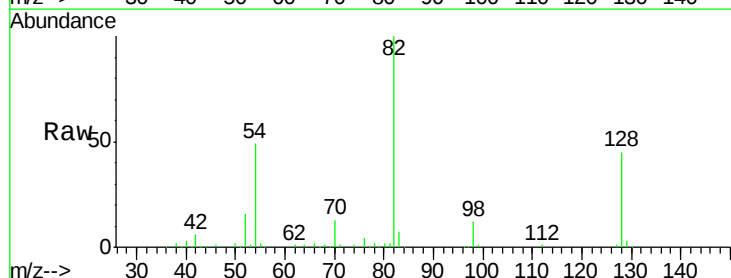


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

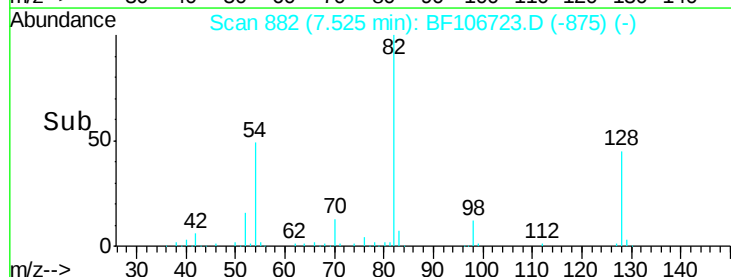
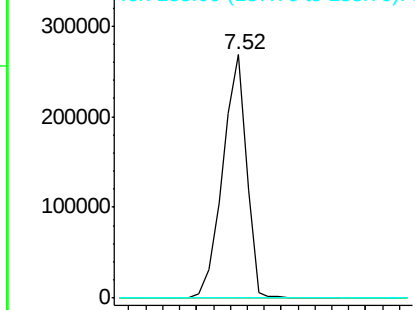


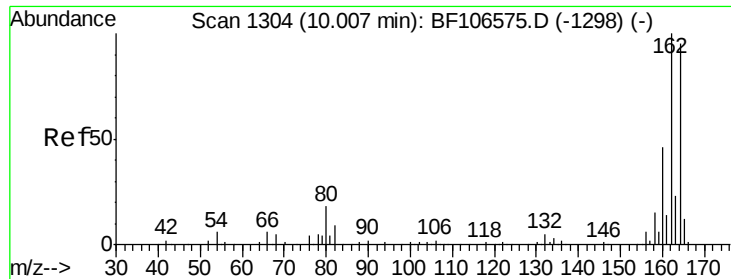
#25
Isophorone
Concen: 40.351 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106723.D
Acq: 22 Jun 2018 21:55

Tgt Ion: 82 Resp: 262782
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

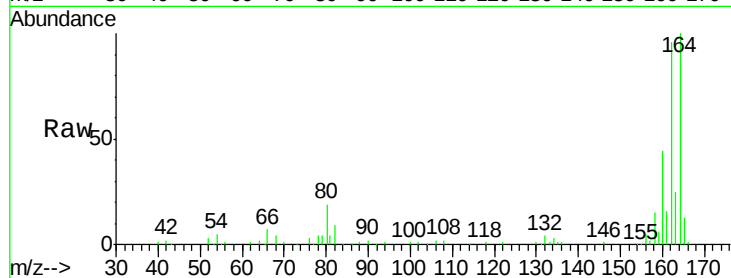




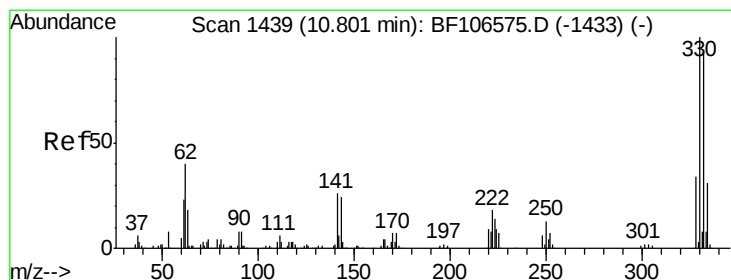
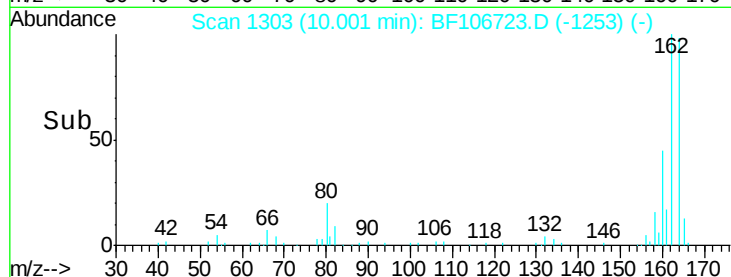
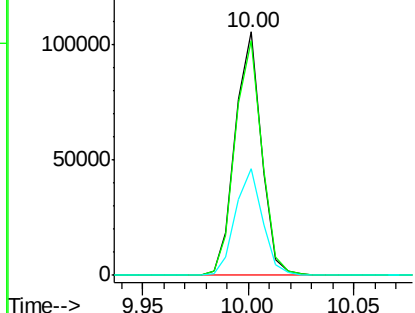
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106723.D
 Acq: 22 Jun 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-2

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

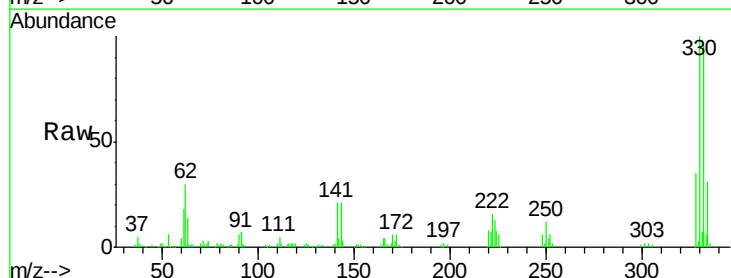


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

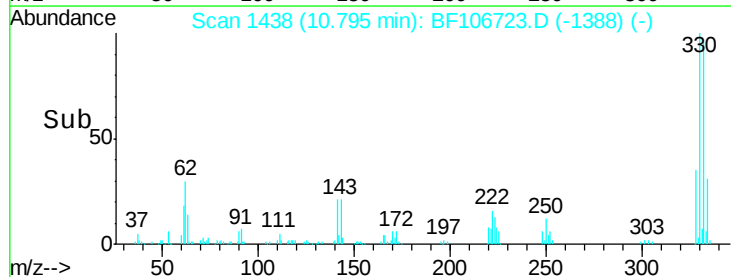
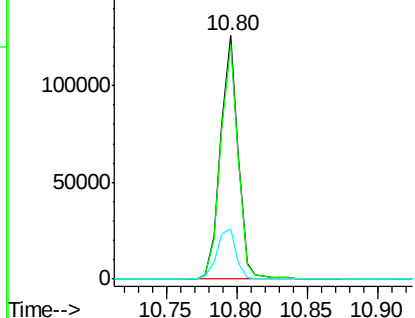


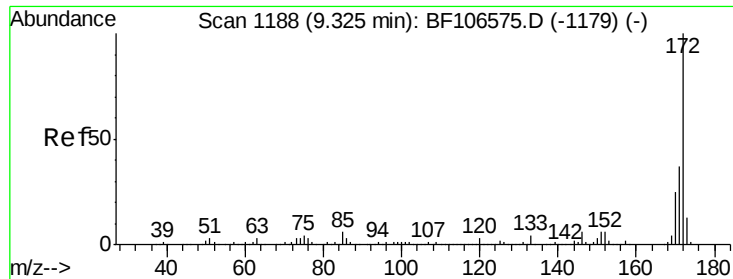
#41
 2,4,6-Tribromophenol
 Concen: 104.398 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106723.D
 Acq: 22 Jun 2018 21:55

Tgt Ion:330 Resp: 109183
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 22.9 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

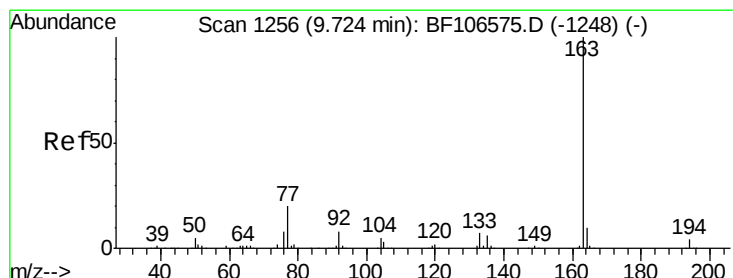
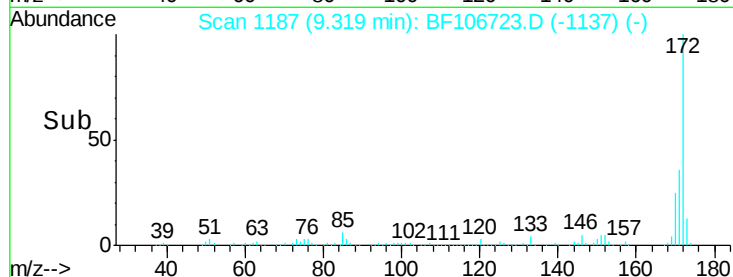
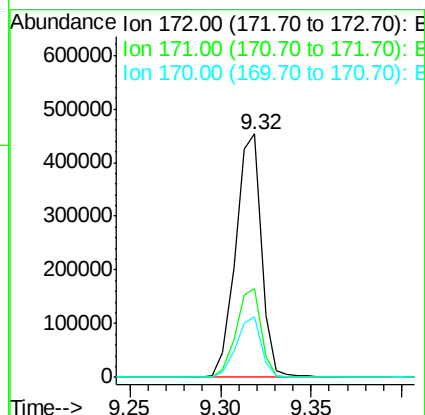
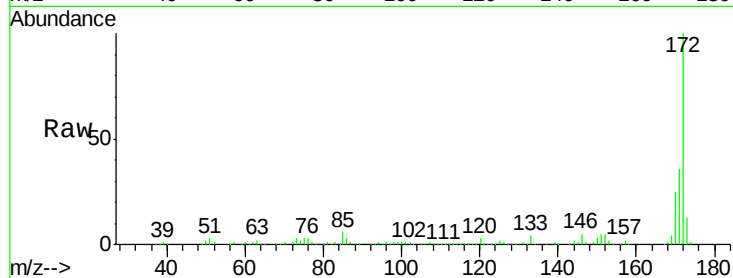




#44
2-Fluorobiphenyl
Concen: 84.127 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106723.D
Acq: 22 Jun 2018 21:55

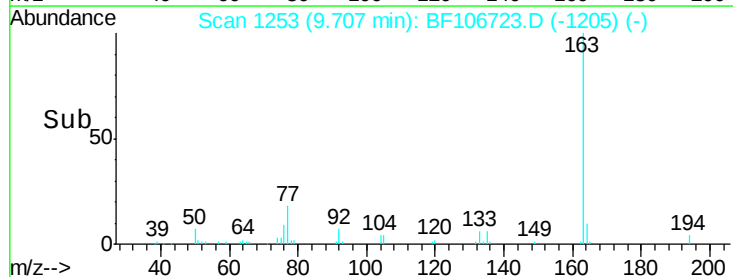
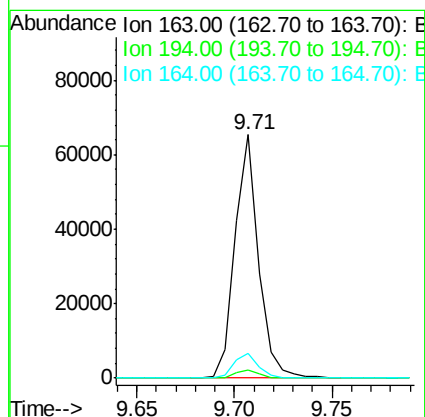
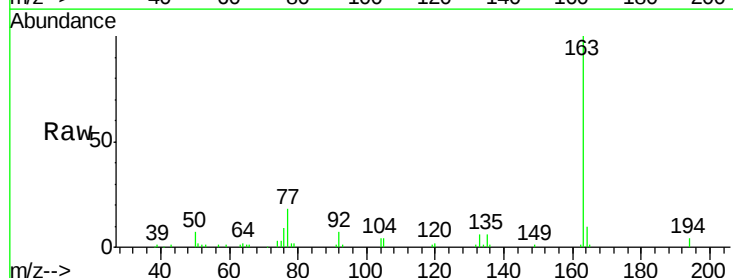
Instrument :
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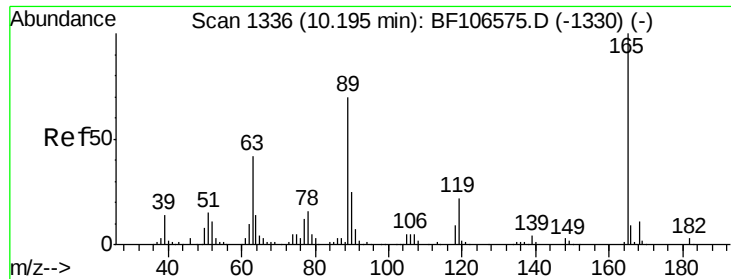
Tgt Ion:172 Resp: 449291
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.6 19.6 29.4



#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

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

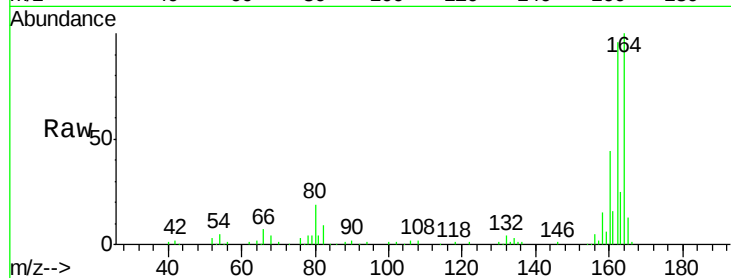




#56
2,4-Dinitrotoluene
Concen: 6.085 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106723.D
Acq: 22 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

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

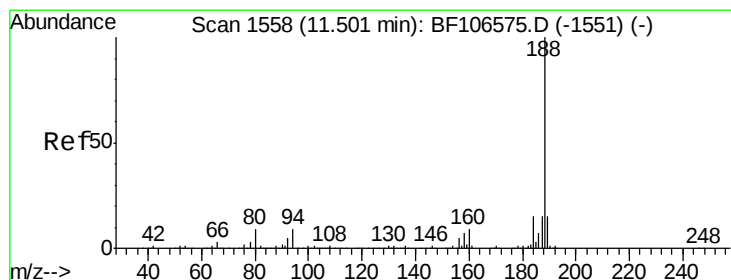
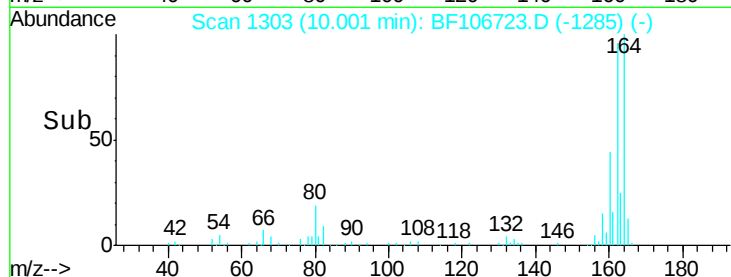
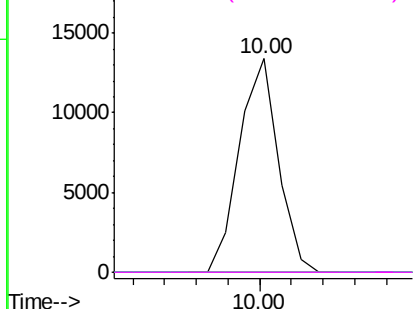


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

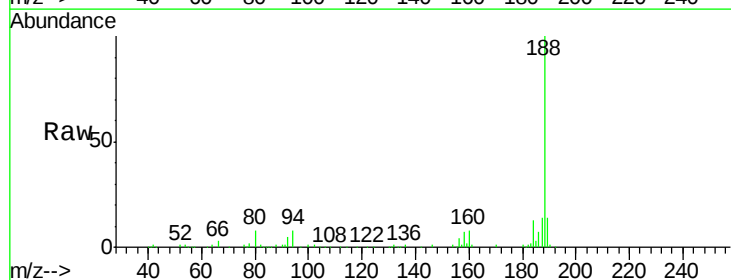
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



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

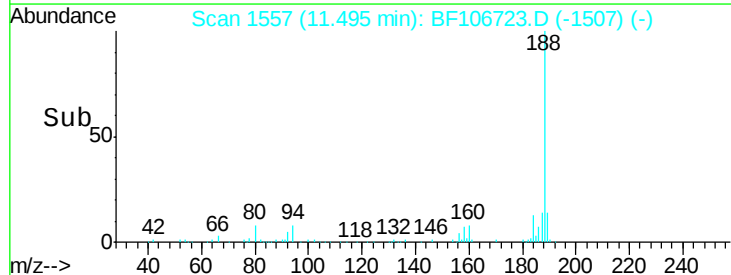
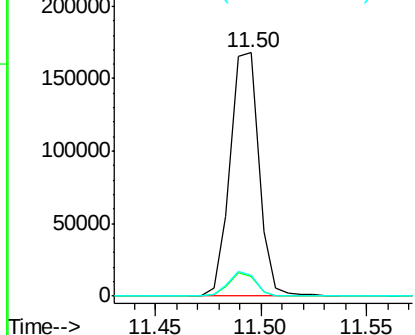
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.3	9.2	13.8#

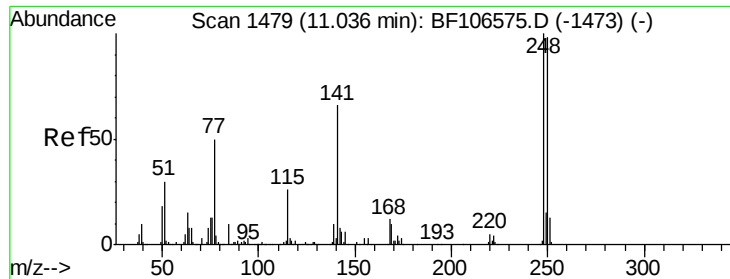


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

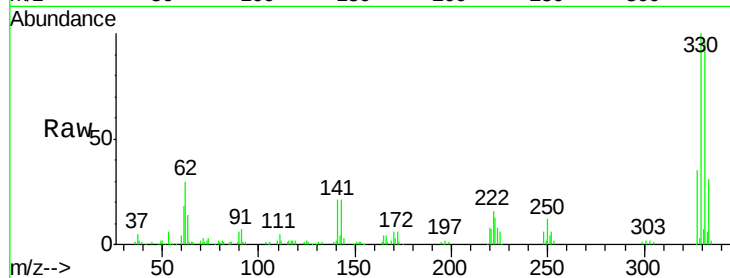




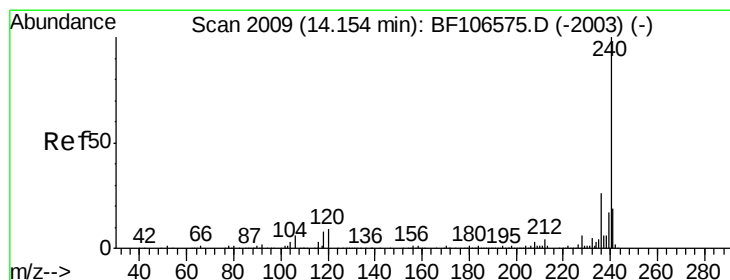
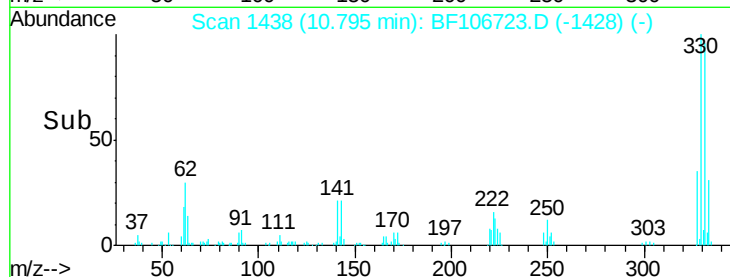
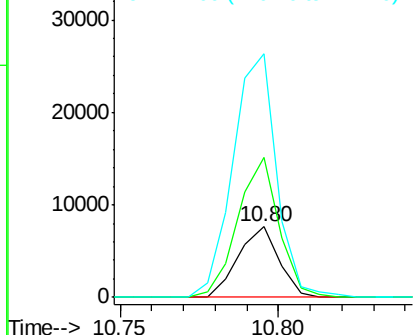
#66
4-Bromophenyl-phenylether
Concen: 3.592 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106723.D
Acq: 22 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-2

Tgt Ion:248 Resp: 6788
Ion Ratio Lower Upper
248 100
250 198.7 76.9 115.3#
141 346.8 74.4 111.6#

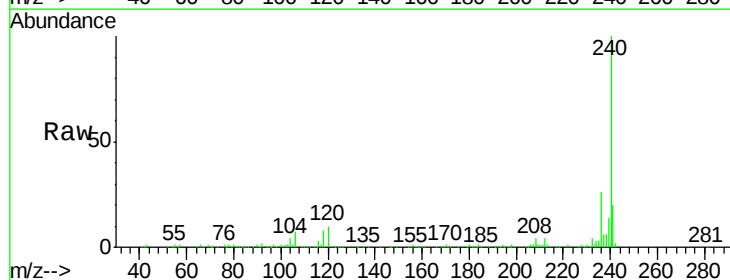


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

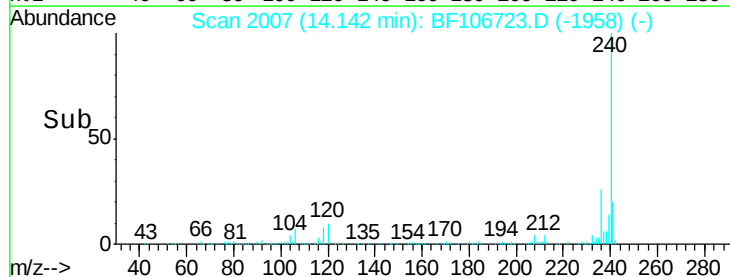
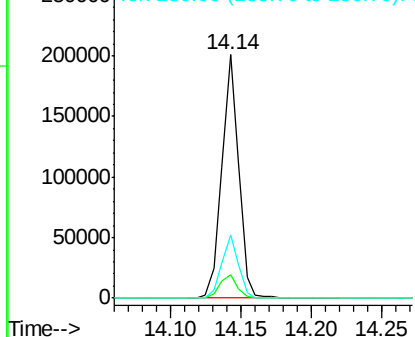


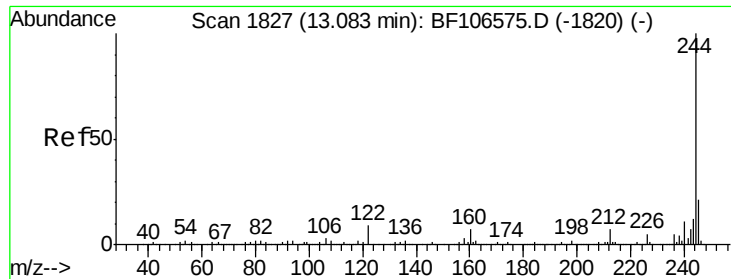
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106723.D
Acq: 22 Jun 2018 21:55

Tgt Ion:240 Resp: 167103
Ion Ratio Lower Upper
240 100
120 9.7 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

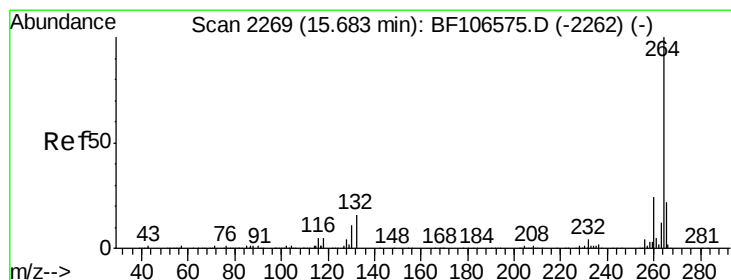
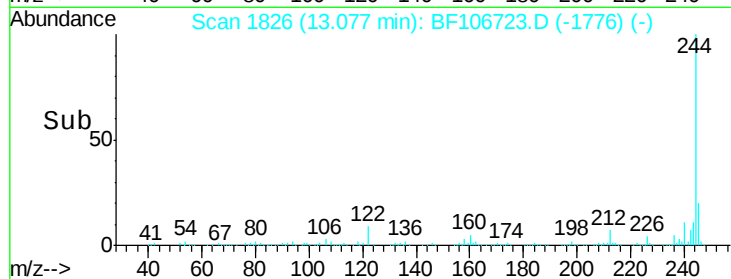
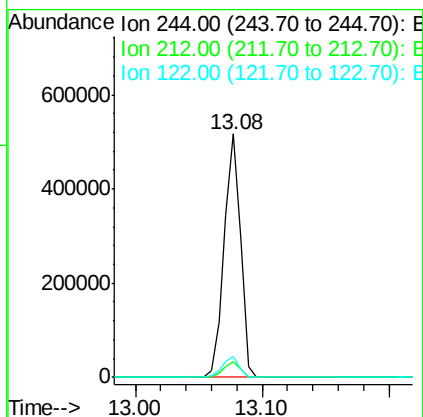
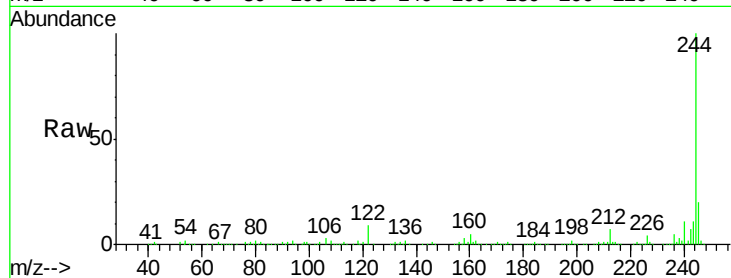




#78
 Terphenyl-d14
 Concen: 67.209 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106723.D
 Acq: 22 Jun 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-2

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
 Perylene-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

Tgt Ion:264 Resp: 142494
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.9 17.5 26.3

