

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107131.D
 Acq On : 5 Jul 2018 17:14
 Operator : JU/SJ
 Sample : J3866-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AG-OILY-DEBRIS

Quant Time: Jul 05 17:40:45 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 29 14:38:29 2018
 Response via : Initial Calibration

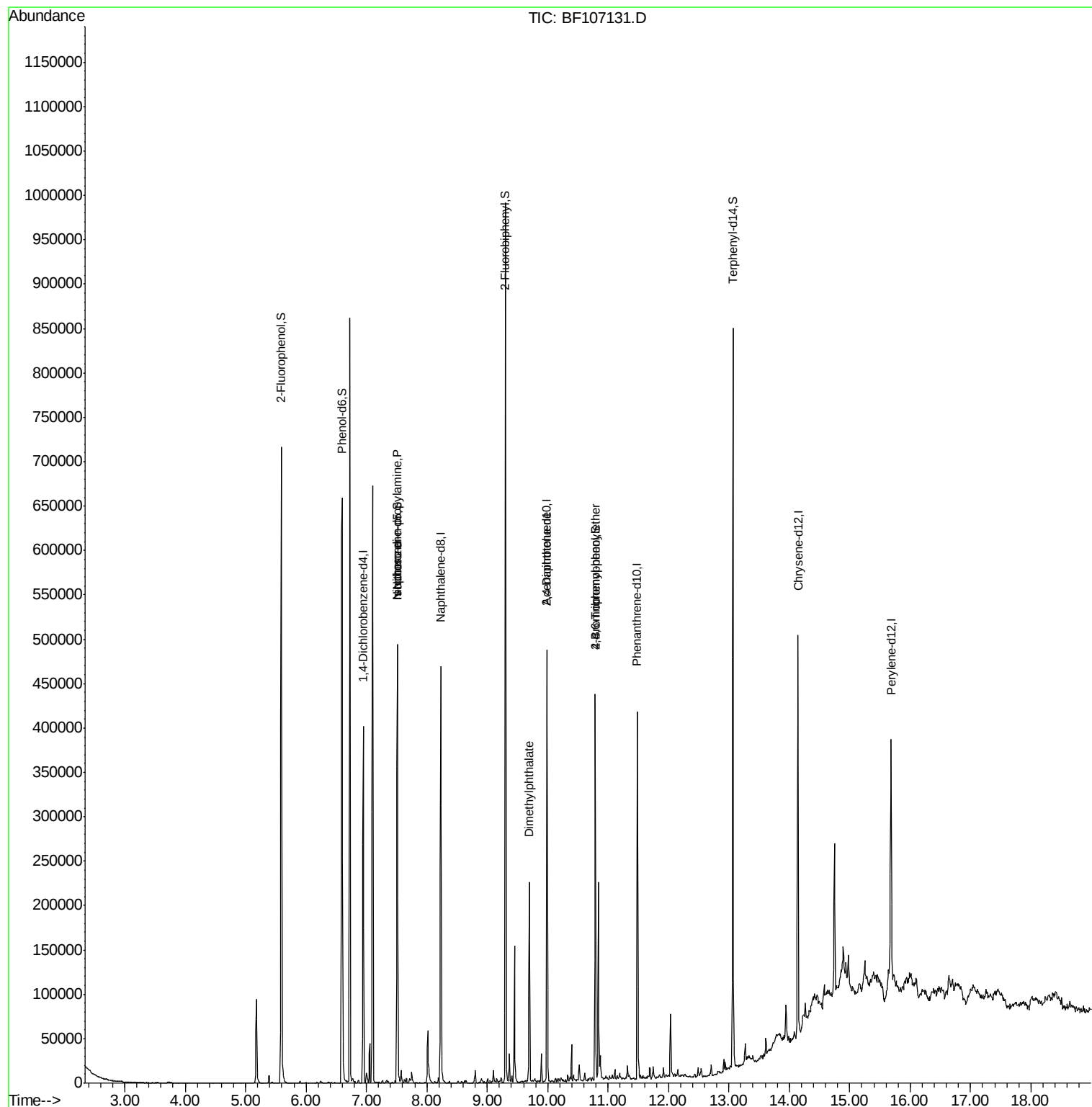
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	56487	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	216661	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	100291	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	165747	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	161939	20.00	ng	-0.02
86) Perylene-d12	15.68	264	138070	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	206377	61.87	ng	-0.01
7) Phenol-d6	6.60	99	256240	61.51	ng	-0.02
23) Nitrobenzene-d5	7.51	82	159087	40.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	64911	55.84	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	314274	46.33	ng	-0.02
78) Terphenyl-d14	13.07	244	288044	43.09	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	20569	7.490	ng	# 74
25) Isophorone	7.51	82	159085	23.157	ng	# 64
49) Dimethylphthalate	9.70	163	92161	12.252	ng	100
56) 2,4-Dinitrotoluene	9.99	165	12898	6.204	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	4239	2.143	ng	# 1

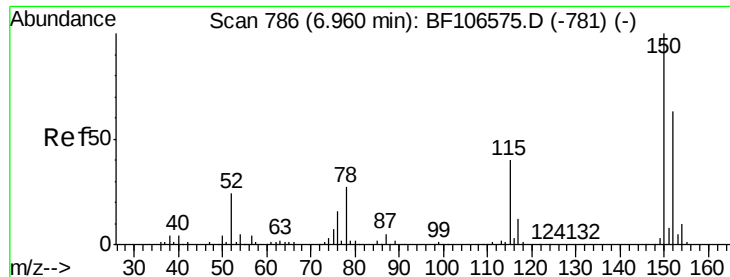
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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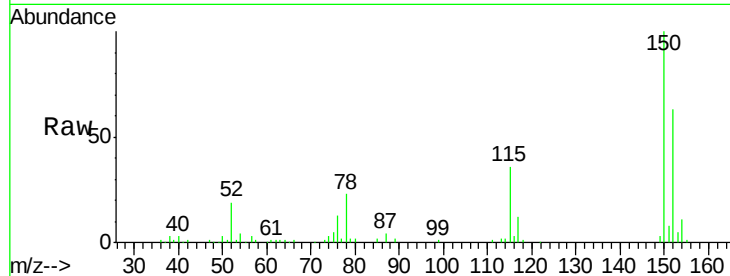


#1

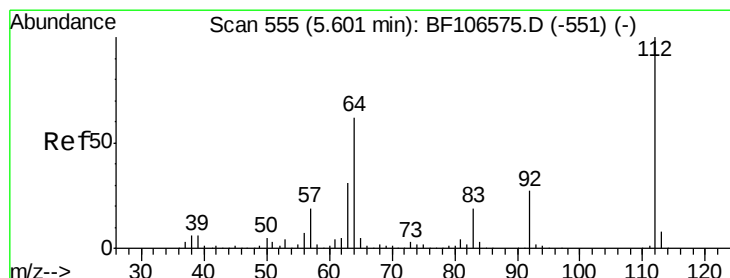
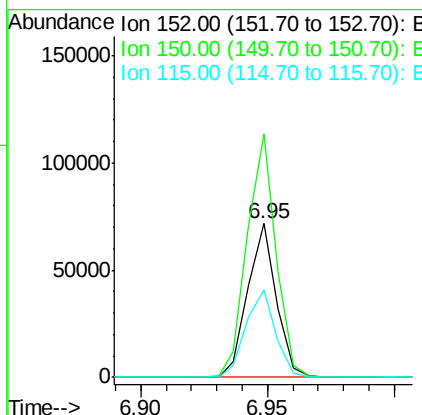
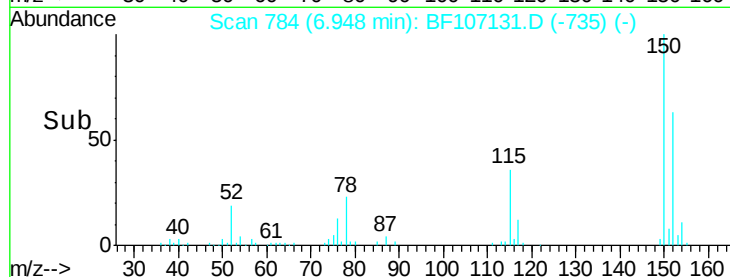
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107131.D
Acq: 5 Jul 2018 17:14

Instrument :
BNA_F
ClientSampleId :
AG-OILY-DEBRIS

Tgt Ion:152 Resp: 56487
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 56.8 50.1 75.1



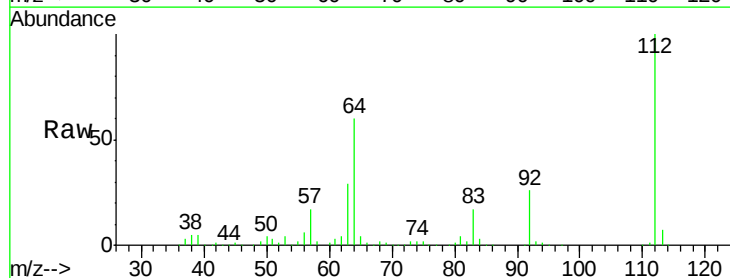
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



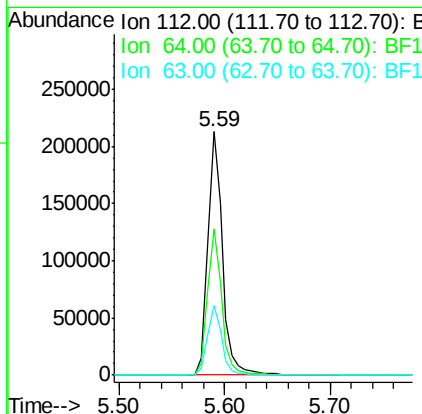
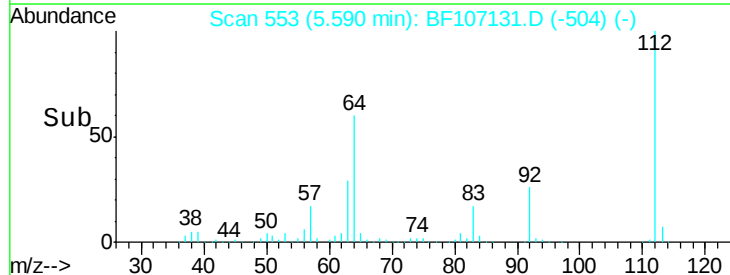
#5

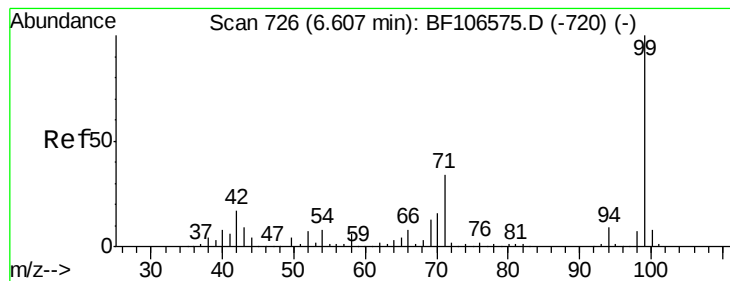
2-Fluorophenol
Concen: 61.866 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107131.D
Acq: 5 Jul 2018 17:14

Tgt Ion:112 Resp: 206377
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 28.8 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: 61.509 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107131.D

Acq: 5 Jul 2018 17:14

Instrument :

BNA_F

ClientSampleId :

AG-OILY-DEBRIS

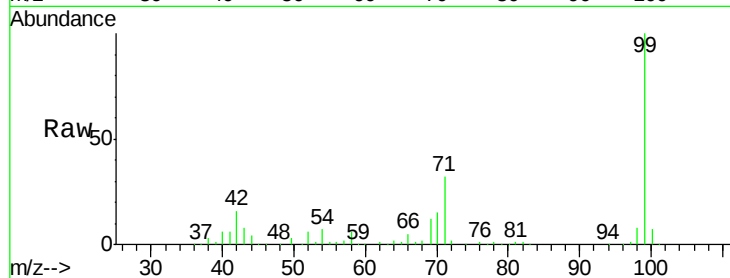
Tgt Ion: 99 Resp: 256240

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

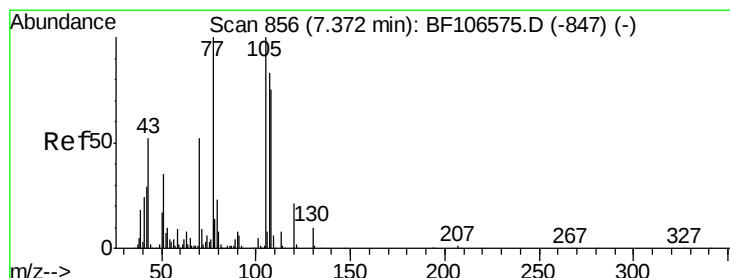
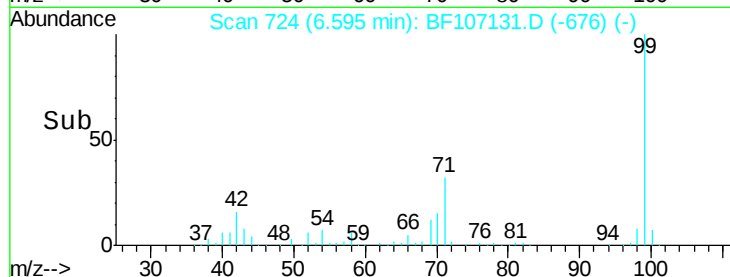
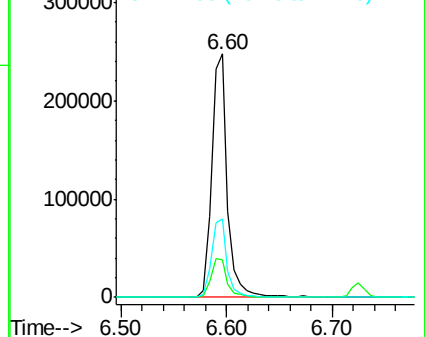
71 32.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.490 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107131.D

Acq: 5 Jul 2018 17:14

Tgt Ion: 70 Resp: 20569

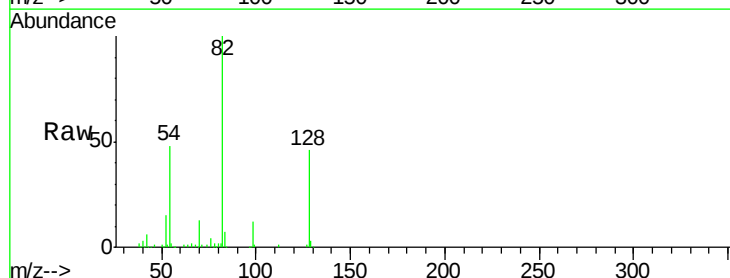
Ion Ratio Lower Upper

70 100

42 44.0 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

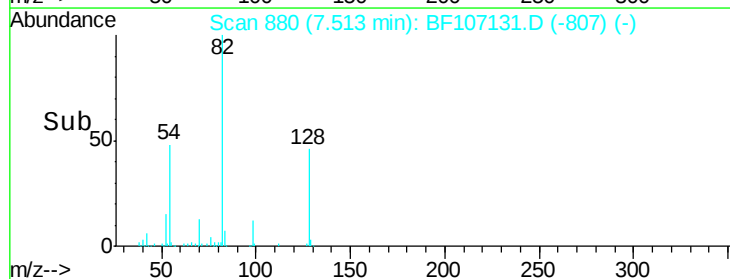
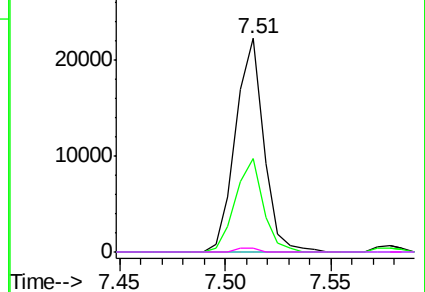


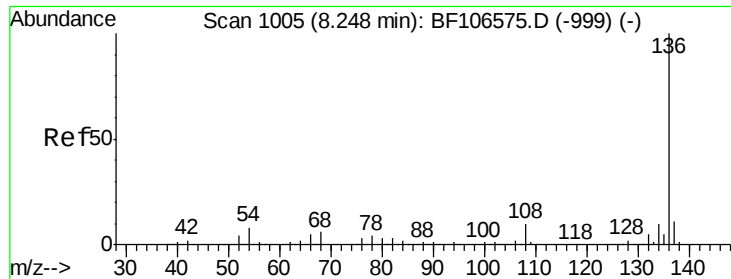
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

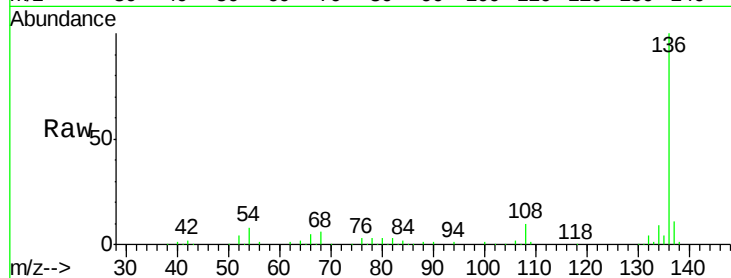




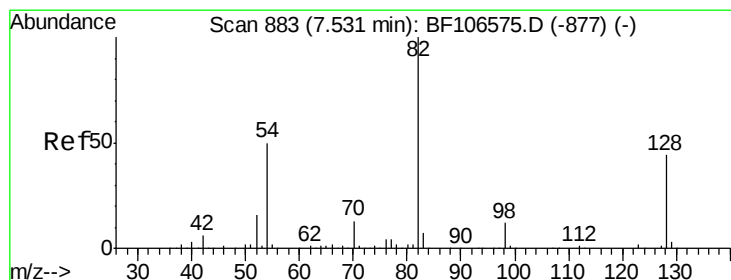
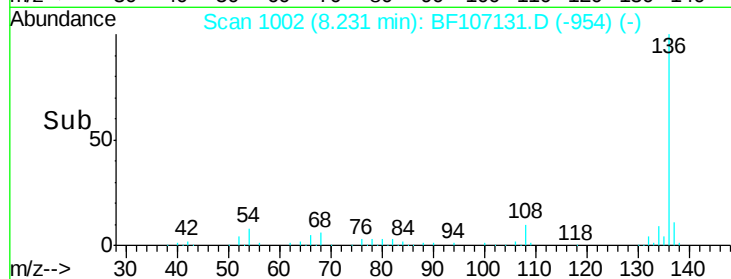
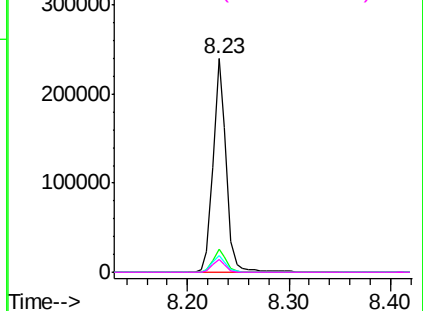
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107131.D
Acq: 5 Jul 2018 17:14

Instrument :
BNA_F
ClientSampleId :
AG-OILY-DEBRIS

Tgt Ion:	136	Resp:	216661
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.8	6.6	9.8
68	6.2	5.0	7.4

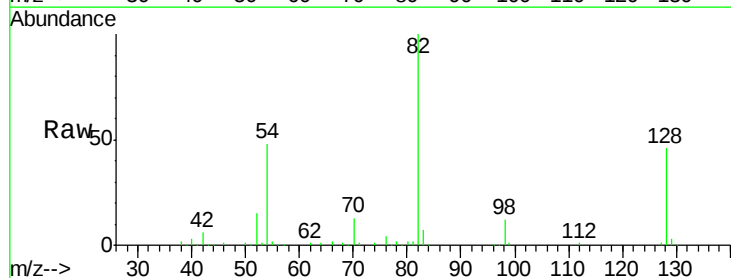


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

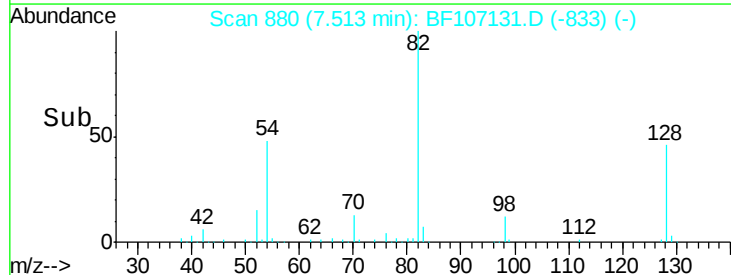
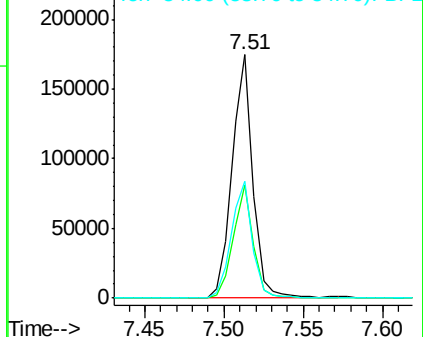


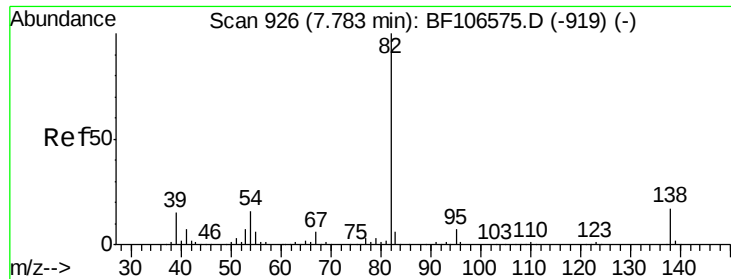
#23
Nitrobenzene-d5
Concen: 40.806 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107131.D
Acq: 5 Jul 2018 17:14

Tgt Ion:	82	Resp:	159087
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	48.3	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: 23.157 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107131.D

Acq: 5 Jul 2018 17:14

Instrument :

BNA_F

ClientSampleId :

AG-OILY-DEBRIS

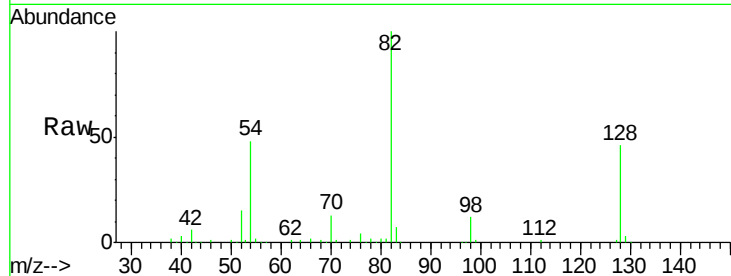
Tgt Ion: 82 Resp: 159085

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

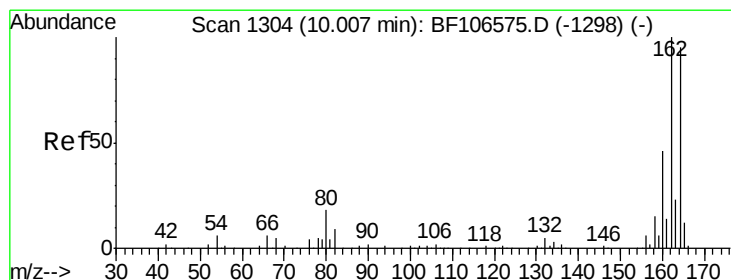
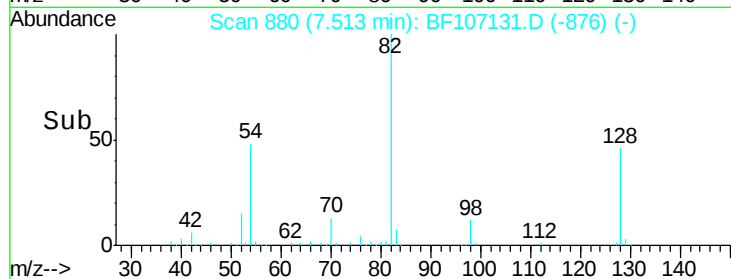
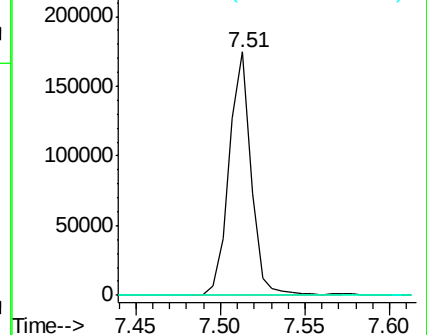
138 0.0 14.9 22.3#



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: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107131.D

Acq: 5 Jul 2018 17:14

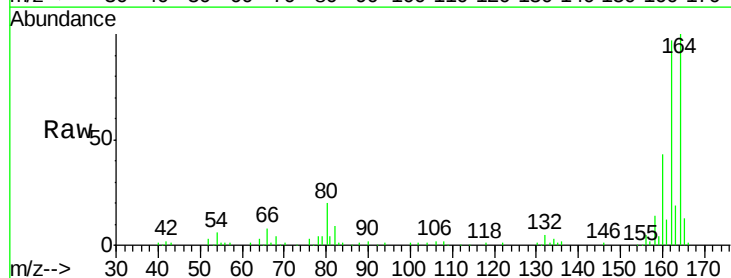
Tgt Ion: 164 Resp: 100291

Ion Ratio Lower Upper

164 100

162 96.9 86.1 129.1

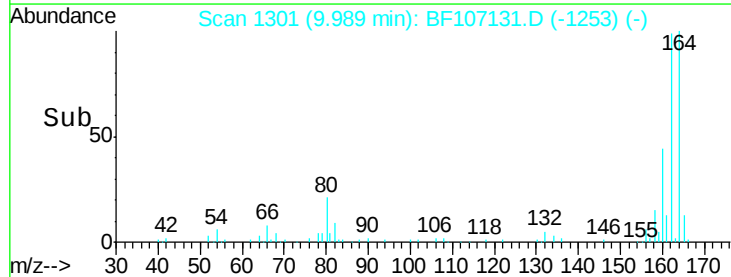
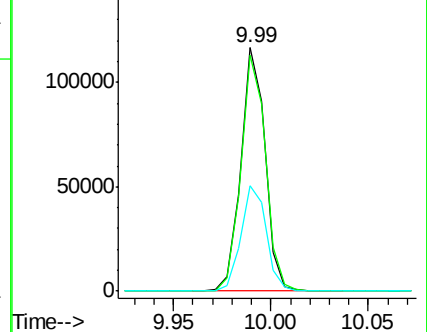
160 43.3 38.3 57.5

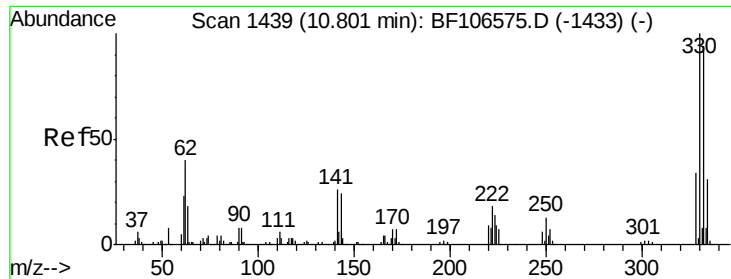


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

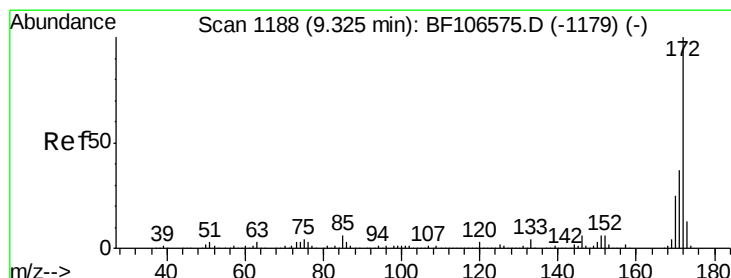
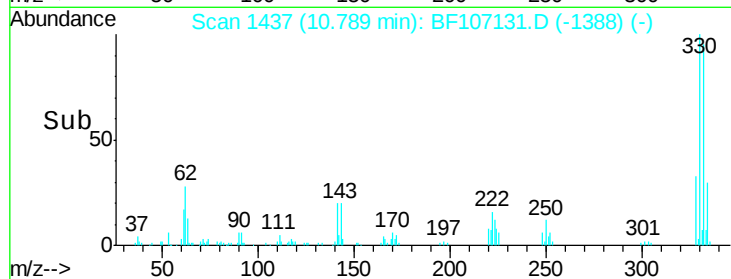
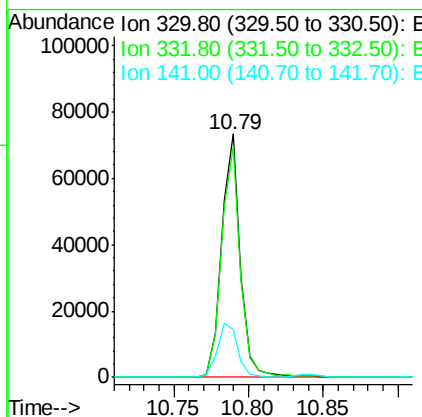
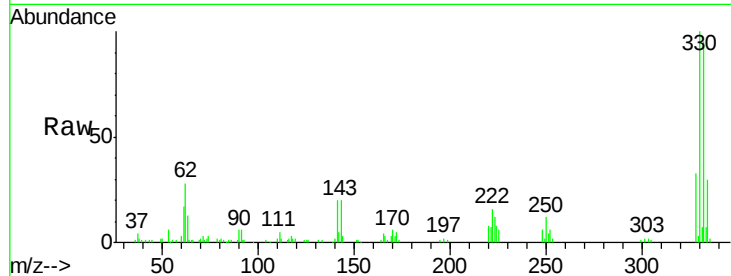




#41
 2,4,6-Tribromophenol
 Concen: 55.842 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107131.D
 Acq: 5 Jul 2018 17:14

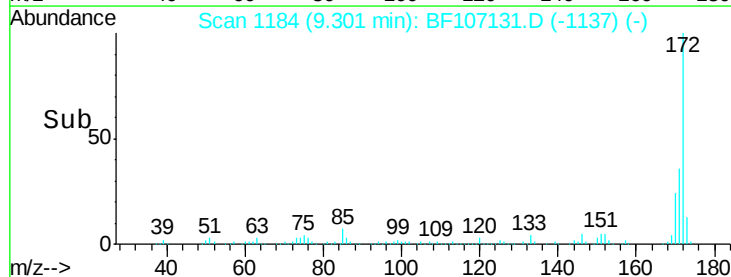
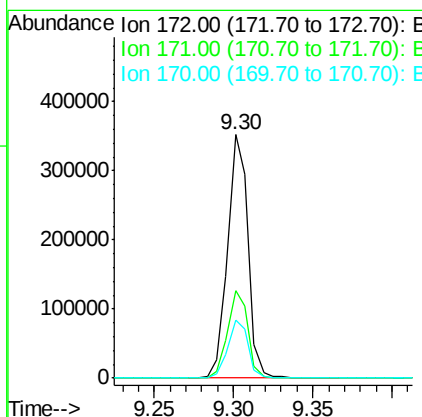
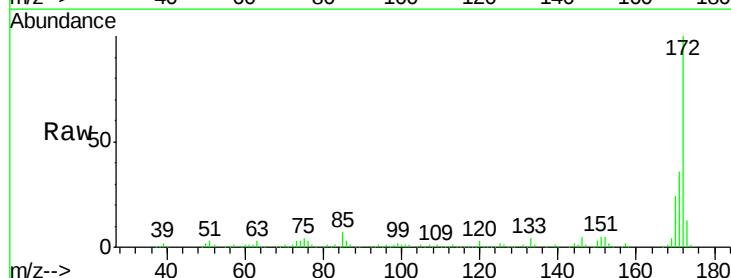
Instrument :
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 AG-OILY-DEBRIS

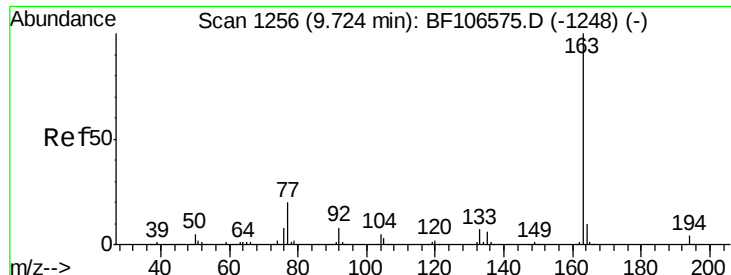
Tgt Ion:330 Resp: 64911
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 24.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 46.329 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107131.D
 Acq: 5 Jul 2018 17:14

Tgt Ion:172 Resp: 314274
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.7 19.6 29.4

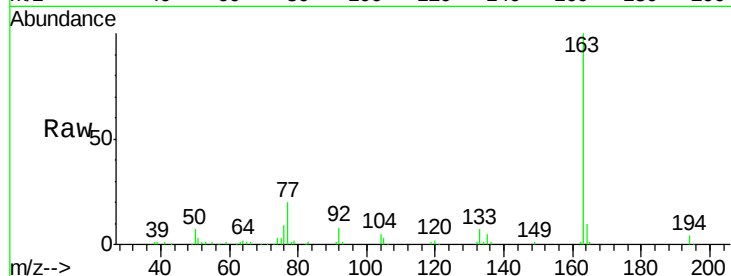




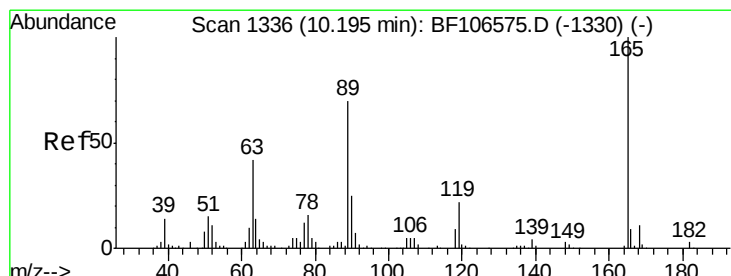
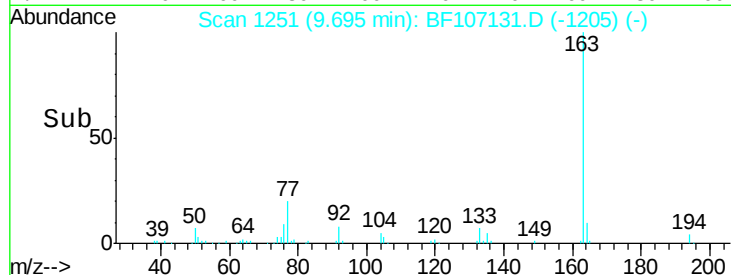
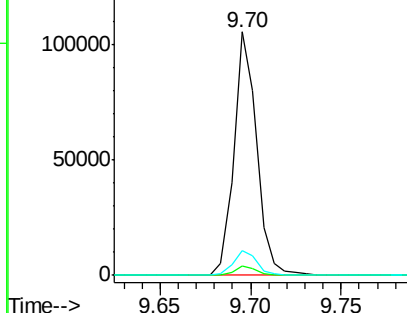
#49
Dimethylphthalate
Concen: 12.252 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107131.D
Acq: 5 Jul 2018 17:14

Instrument :
BNA_F
ClientSampleId :
AG-OILY-DEBRIS

Tgt Ion:163 Resp: 92161
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 8.2 12.2

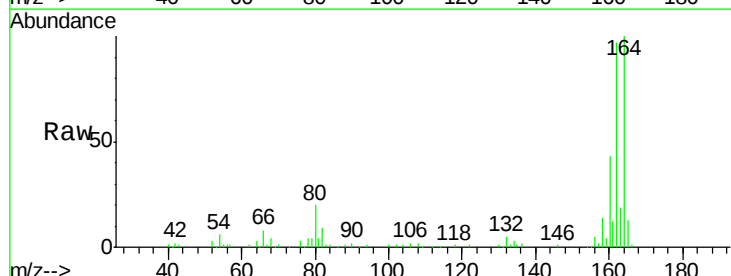


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

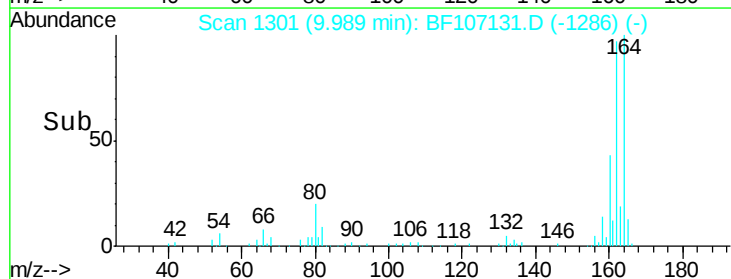
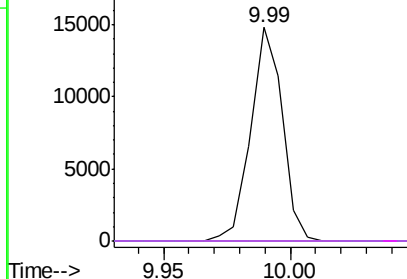


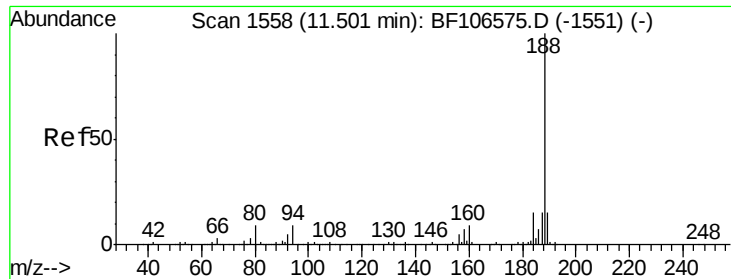
#56
2,4-Dinitrotoluene
Concen: 6.204 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107131.D
Acq: 5 Jul 2018 17:14

Tgt Ion:165 Resp: 12898
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

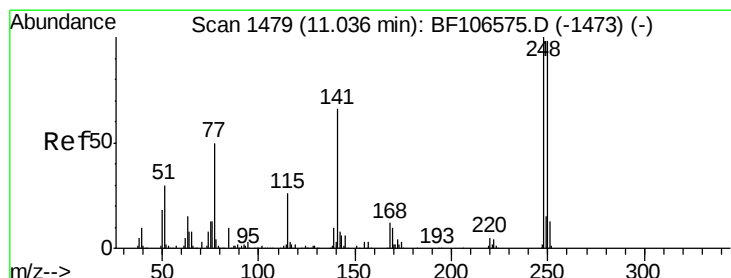
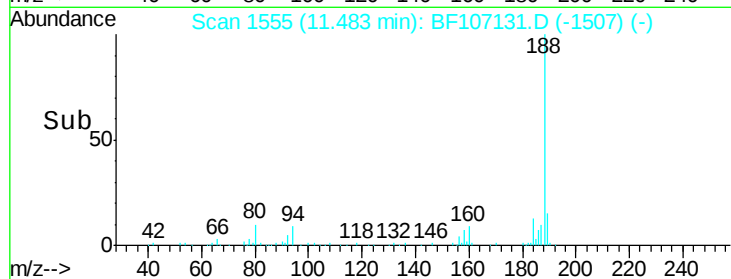
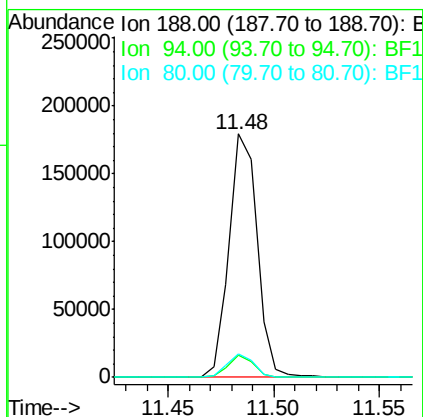
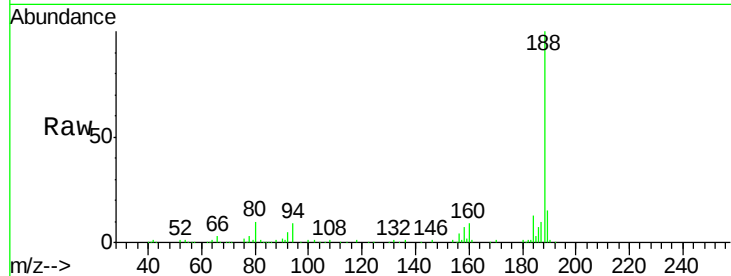




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107131.D
Acq: 5 Jul 2018 17:14

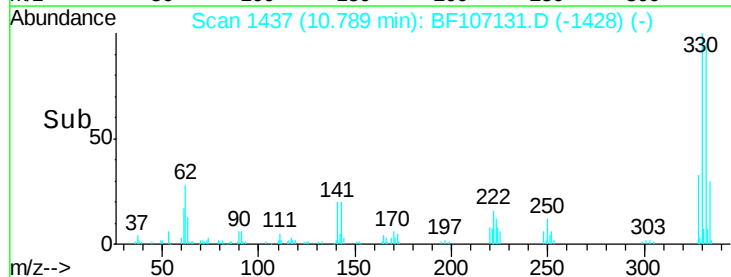
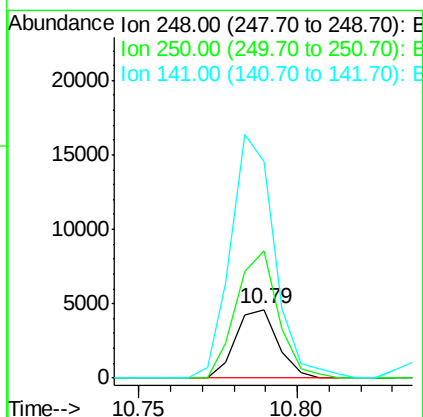
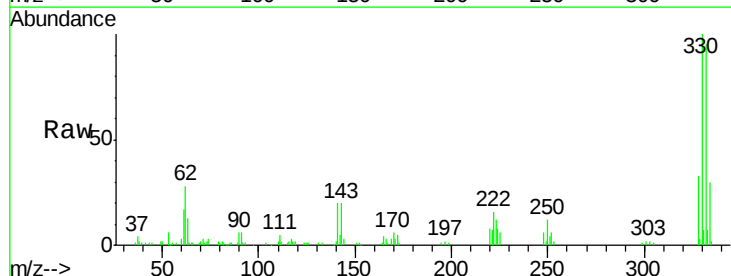
Instrument :
BNA_F
ClientSampleId :
AG-OILY-DEBRIS

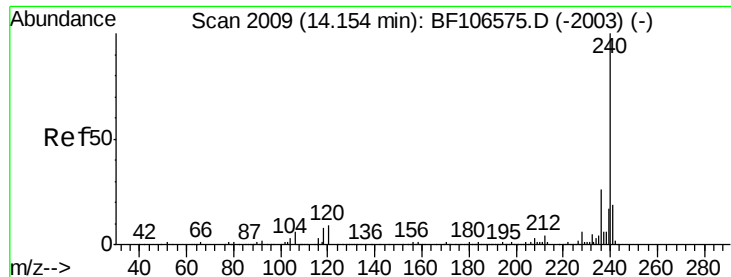
Tgt Ion:188 Resp: 165747
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.8 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.143 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107131.D
Acq: 5 Jul 2018 17:14

Tgt Ion:248 Resp: 4239
Ion Ratio Lower Upper
248 100
250 186.8 76.9 115.3#
141 317.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107131.D

Acq: 5 Jul 2018 17:14

Instrument :

BNA_F

ClientSampleId :

AG-OILY-DEBRIS

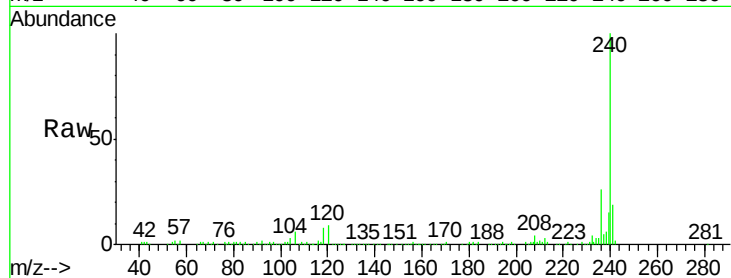
Tgt Ion:240 Resp: 161939

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

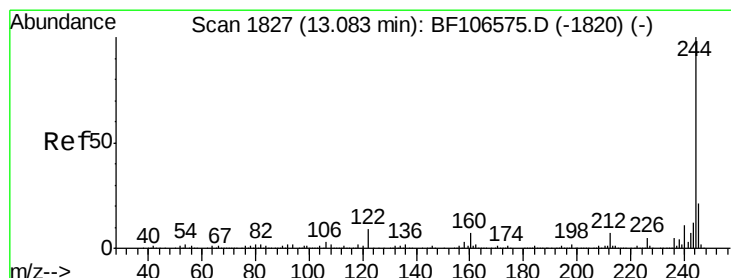
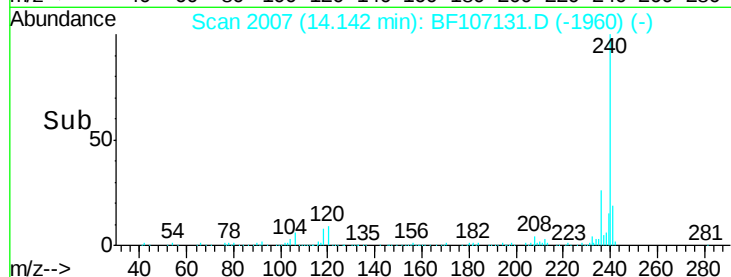
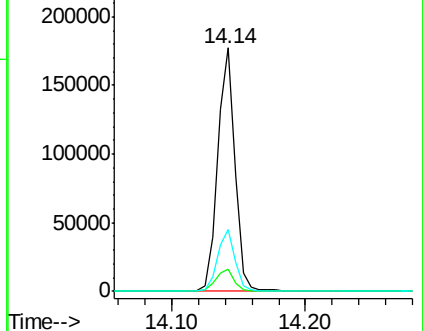
236 25.7 20.7 31.1



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: 43.086 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107131.D

Acq: 5 Jul 2018 17:14

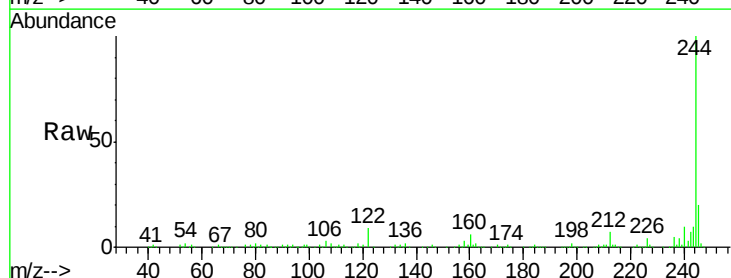
Tgt Ion:244 Resp: 288044

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

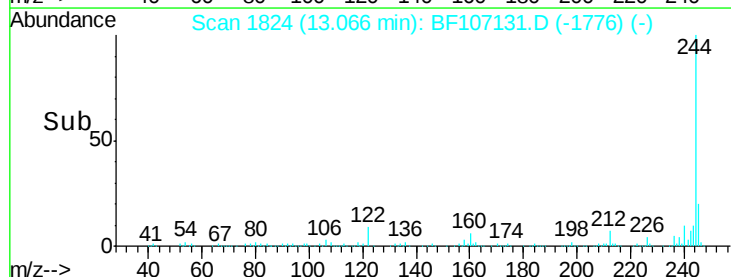
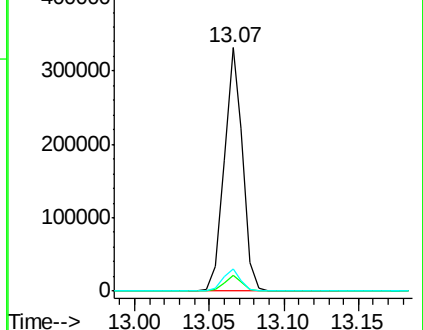
122 9.3 11.0 16.4#

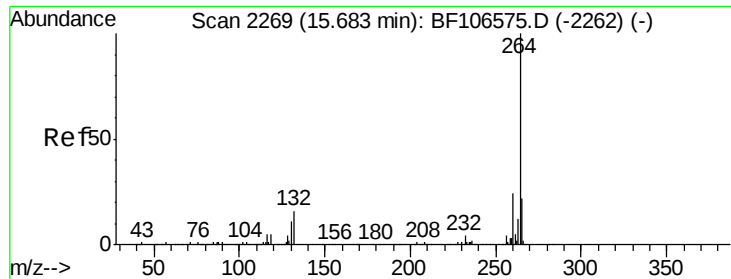


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107131.D
Acq: 5 Jul 2018 17:14

Instrument :
BNA_F
ClientSampleId :
AG-OILY-DEBRIS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	17.5	26.3

