

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033225.D
 Acq On : 17 Mar 2018 9:22
 Operator : SJ/JU
 Sample : J1931-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1480-OILY-DEBRIS

Quant Time: Mar 19 02:26:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	44596	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	172033	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	125946	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	367250	20.00	ng	0.00
75) Chrysene-d12	22.60	240	392454	20.00	ng	-0.01
86) Perylene-d12	26.40	264	421341	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	374464	134.34	ng	0.00
7) Phenol-d6	8.00	99	490951	126.36	ng	-0.01
23) Nitrobenzene-d5	10.09	82	389808	148.82	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	338223	255.40	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	901002	103.18	ng	0.00
78) Terphenyl-d14	20.76	244	1856849	106.30	ng	0.00

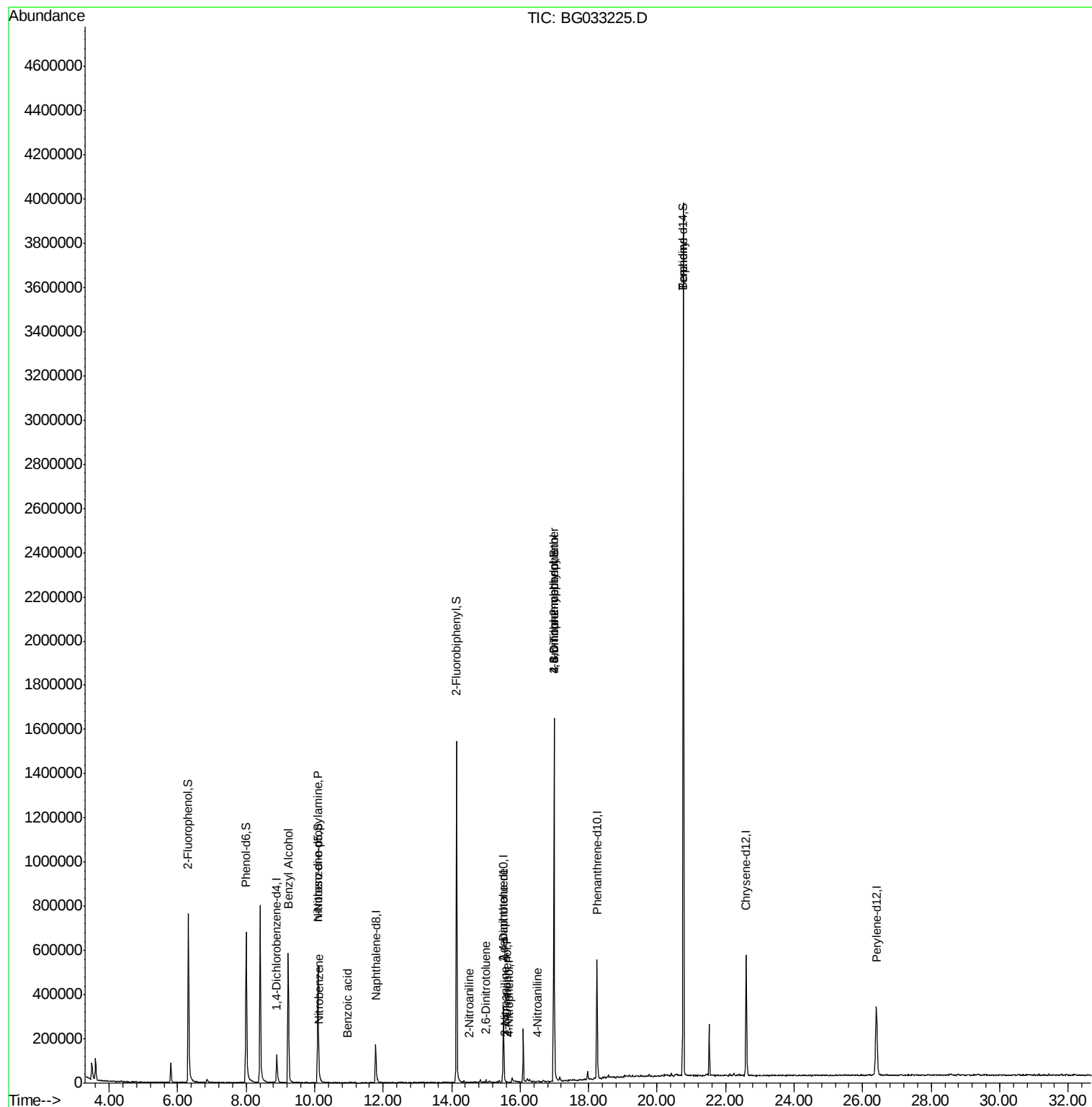
Target Compounds				Qvalue		
15) Benzyl Alcohol	9.23	79	6273	2.196	ng	# 29
19) n-Nitroso-di-n-propylamine	10.09	70	51585	18.806	ng	# 80
24) Nitrobenzene	10.14	77	108	6.414	ng	# 42
32) Benzoic acid	10.96	122	85	5.878	ng	# 32
47) 2-Nitroaniline	14.50	65	58	9.858	ng	# 9
50) 2,6-Dinitrotoluene	15.00	165	2065	9.849	ng	# 26
52) 3-Nitroaniline	15.57	138	54	7.564	ng	# 1
53) 2,4-Dinitrophenol	15.62	184	55	3.530	ng	# 1
55) 4-Nitrophenol	15.66	139	66	7.115	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	17077	14.957	ng	# 19
61) 4-Nitroaniline	16.51	138	66	5.325	ng	# 12
64) 4,6-Dinitro-2-methylphenol	16.98	198	1058	6.169	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	27049	6.966	ng	# 1
76) Benzidine	20.76	184	31120	2.326	ng	# 90

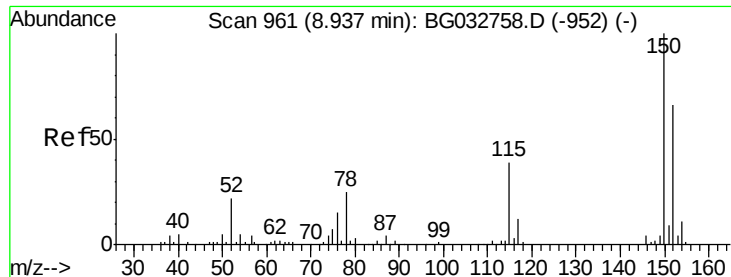
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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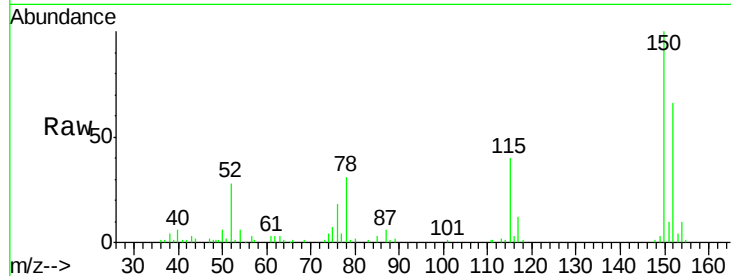


#1

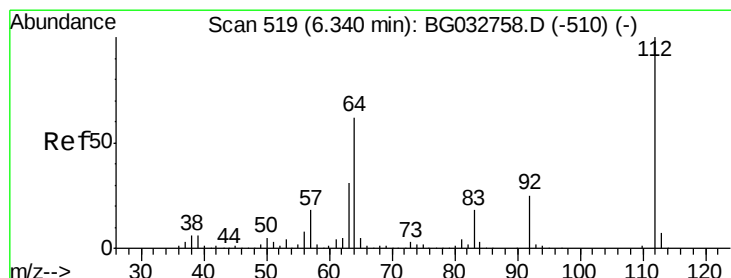
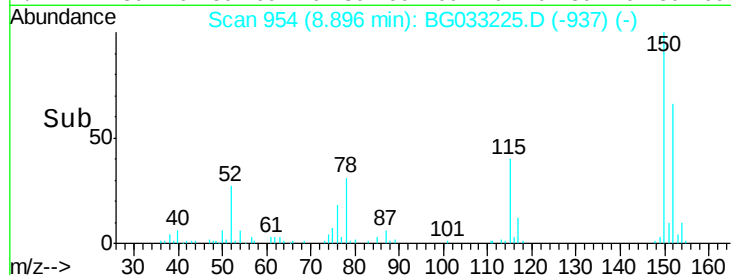
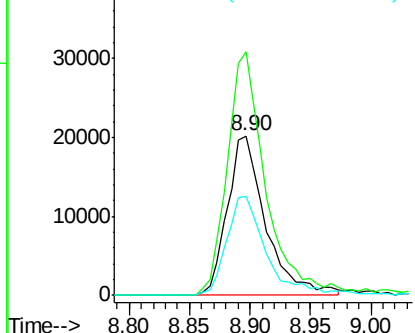
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033225.D
Acq: 17 Mar 2018 9:22

Instrument :
BNA_G
ClientSampleId :
1480-OILY-DEBRIS

Tot Ion:152 Resp: 44596
Ion Ratio Lower Upper
152 100
150 152.4 126.6 189.8
115 61.6 53.0 79.4



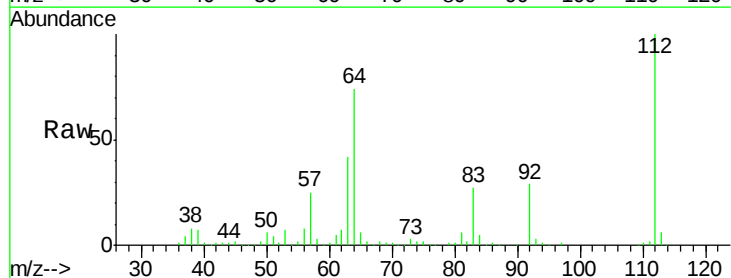
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



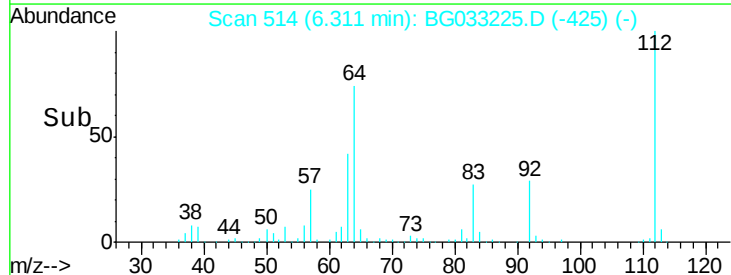
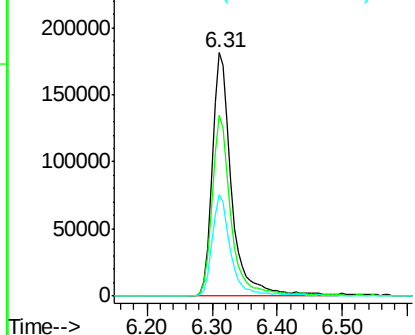
#5

2-Fluorophenol
Concen: 134.337 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.01 min
Lab File: BG033225.D
Acq: 17 Mar 2018 9:22

Tgt Ion:112 Resp: 374464
Ion Ratio Lower Upper
112 100
64 74.1 56.3 84.5
63 41.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 126.358 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

Instrument :

BNA_G

ClientSampleId :

1480-OILY-DEBRIS

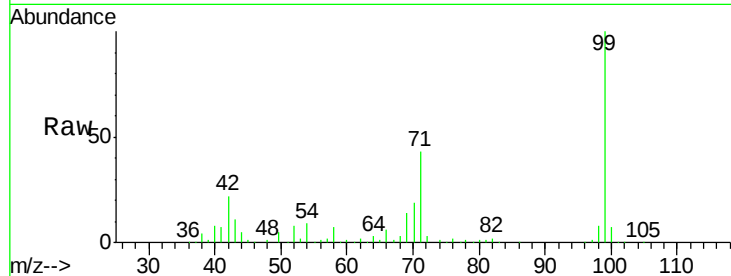
Tot Ion: 99 Resp: 490951

Ion Ratio Lower Upper

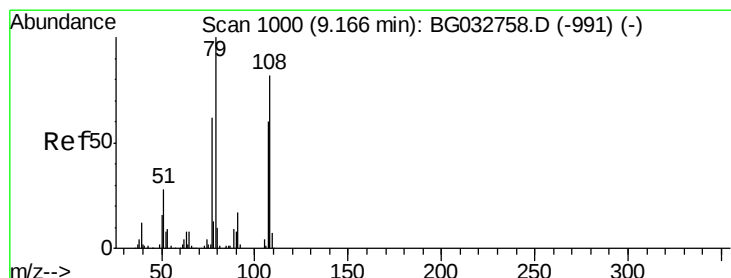
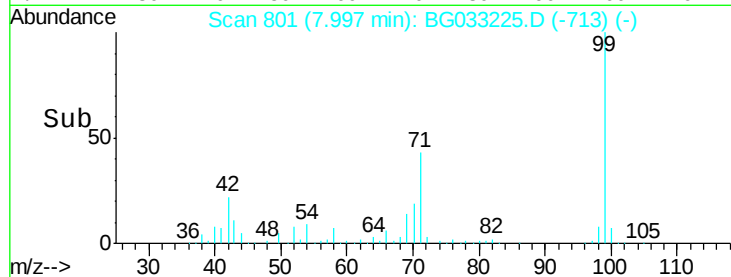
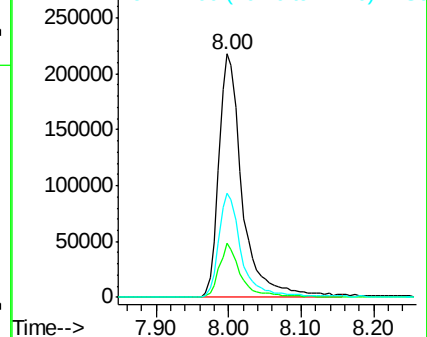
99 100

42 22.1 14.1 21.1#

71 42.6 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 2.196 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.10 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

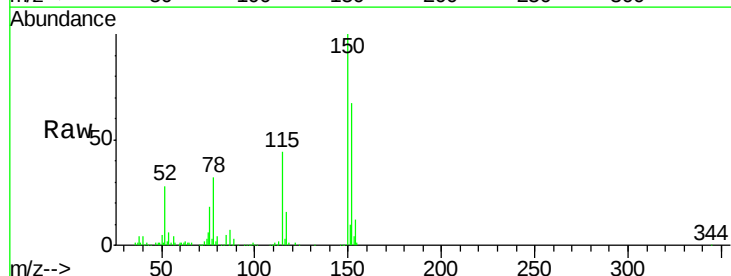
Tgt Ion: 79 Resp: 6273

Ion Ratio Lower Upper

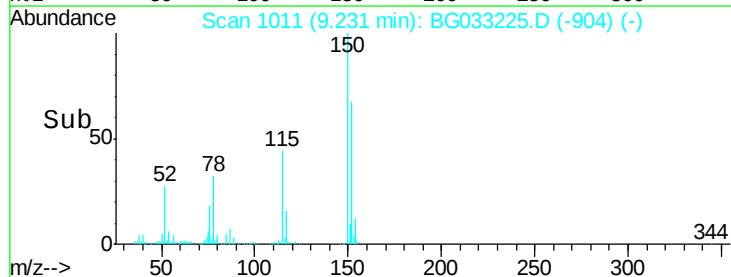
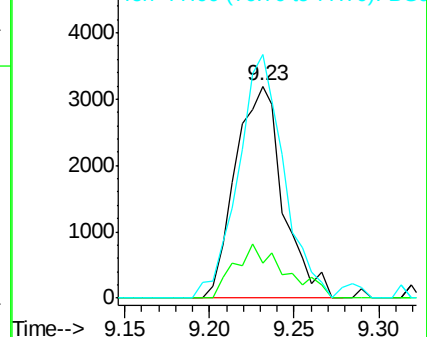
79 100

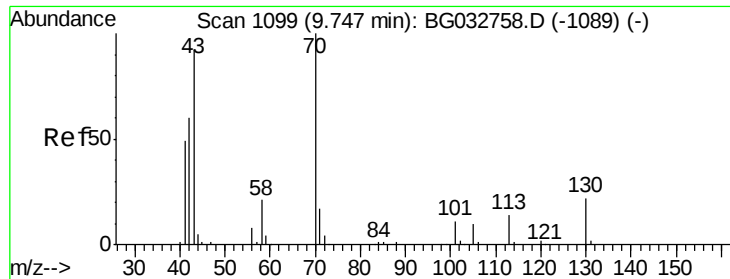
108 16.6 57.2 85.8#

77 114.7 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

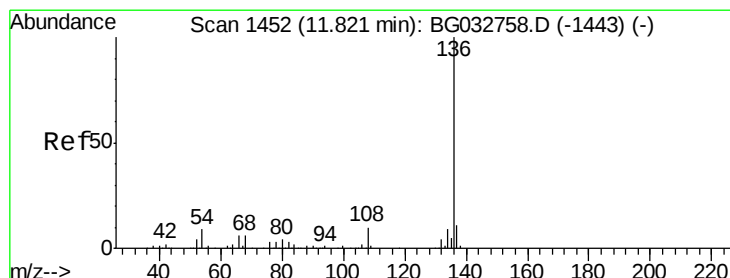
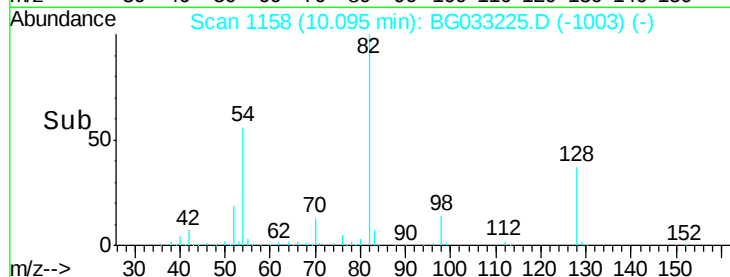
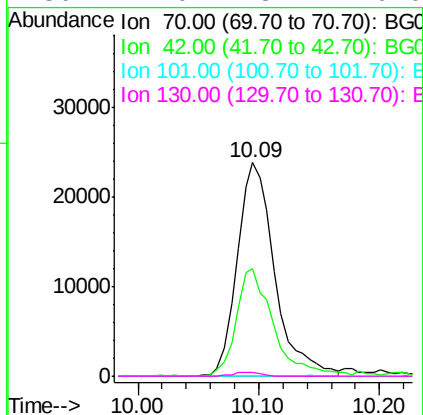
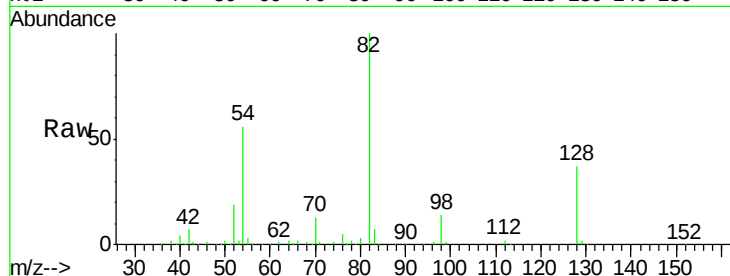




#19
n-Nitroso-di-n-propylamine
Concen: 18.806 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.38 min
Lab File: BG033225.D
Acq: 17 Mar 2018 9:22

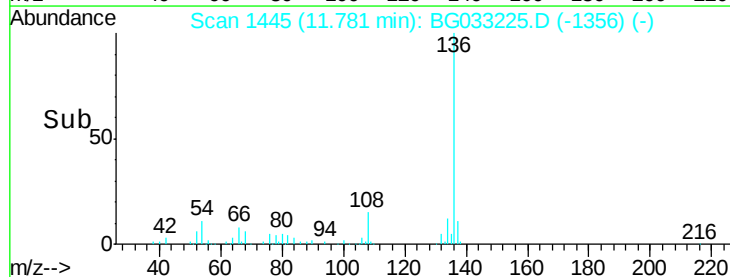
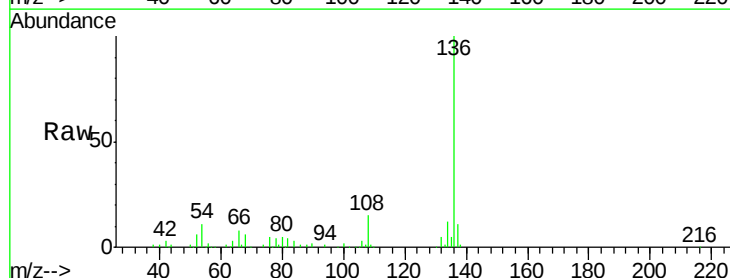
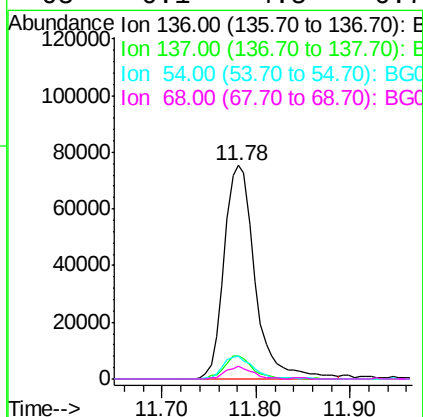
Instrument :
BNA_G
ClientSampleId :
1480-OILY-DEBRIS

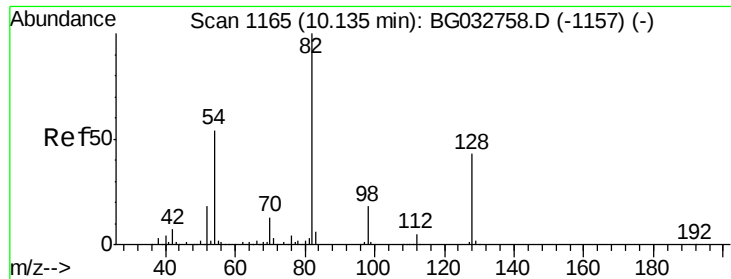
Tot Ion: 70 Resp: 51585
Ion Ratio Lower Upper
70 100
42 50.5 49.1 73.7
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BG033225.D
Acq: 17 Mar 2018 9:22

Tgt Ion: 136 Resp: 172033
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 10.5 10.3 15.5
68 6.1 4.5 6.7

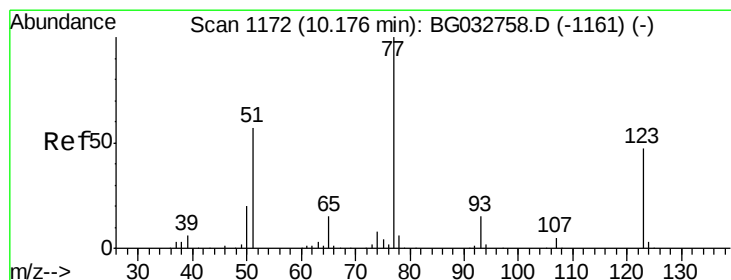
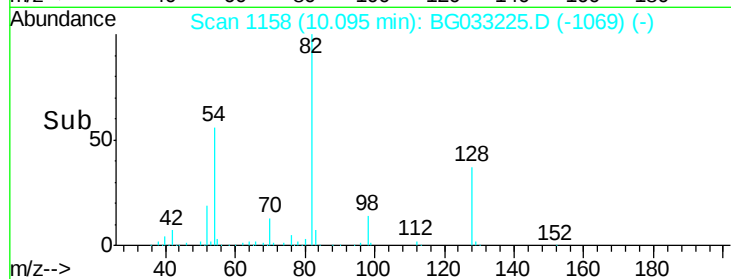
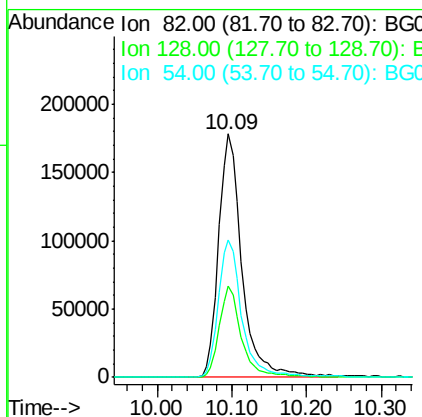
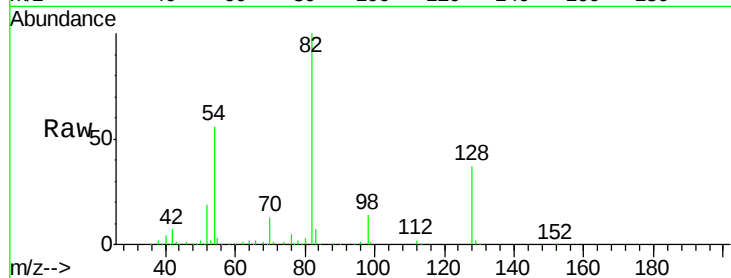




#23
 Nitrobenzene-d5
 Concen: 148.817 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BG033225.D
 Acq: 17 Mar 2018 9:22

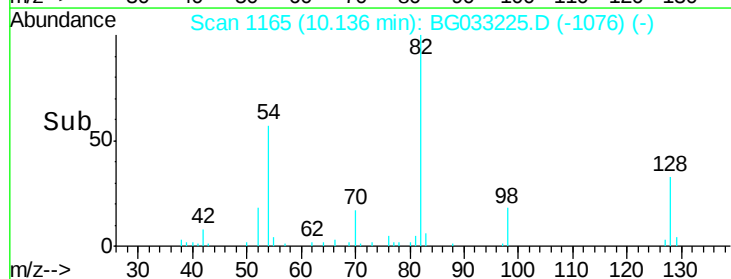
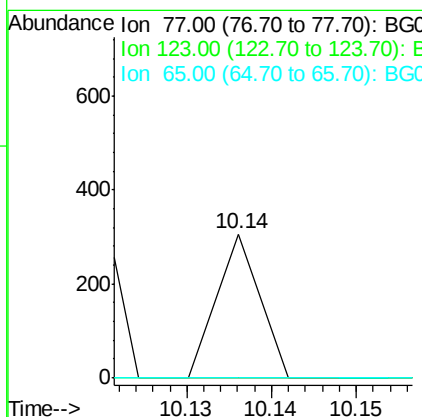
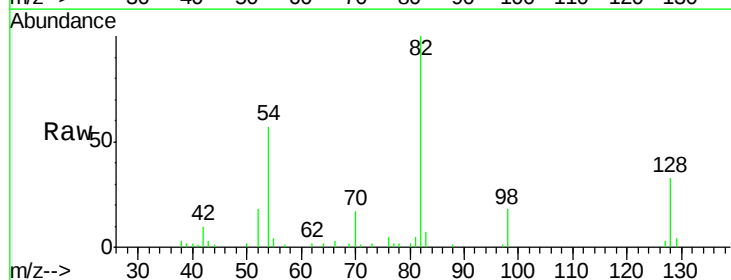
Instrument :
 BNA_G
 ClientSampleId :
 1480-OILY-DEBRIS

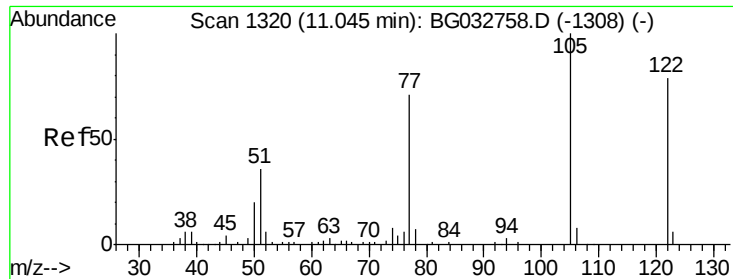
Tot Ion: 82 Resp: 389808
 Ion Ratio Lower Upper
 82 100
 128 37.4 29.7 44.5
 54 56.3 43.1 64.7



#24
 Nitrobenzene
 Concen: 6.414 ng
 RT: 10.14 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG033225.D
 Acq: 17 Mar 2018 9:22

Tgt Ion: 77 Resp: 108
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 0.0 13.0 19.6#





#32

Benzoic acid

Concen: 5.878 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

Instrument :

BNA_G

ClientSampleId :

1480-OILY-DEBRIS

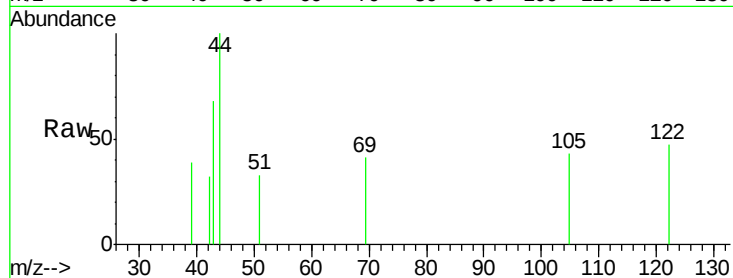
Tot Ion:122 Resp: 85

Ion Ratio Lower Upper

122 100

105 90.9 123.5 163.5#

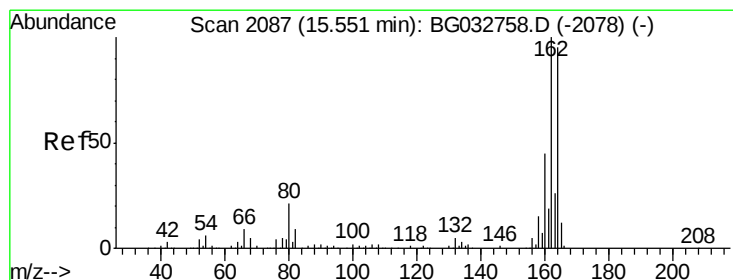
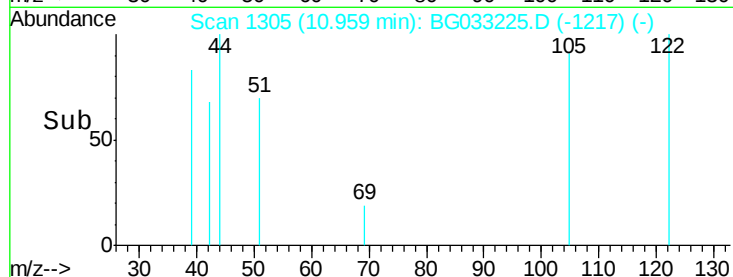
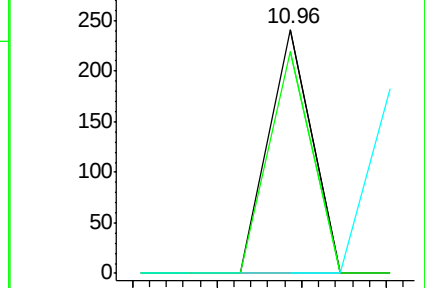
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

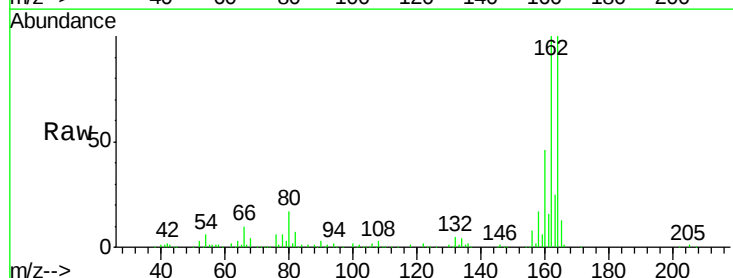
Tgt Ion:164 Resp: 125946

Ion Ratio Lower Upper

164 100

162 100.1 78.8 118.2

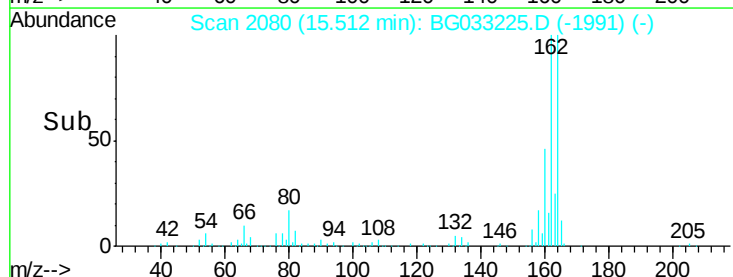
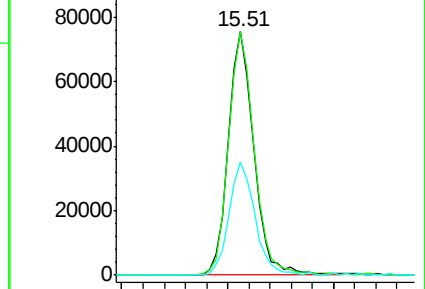
160 46.4 35.4 53.0

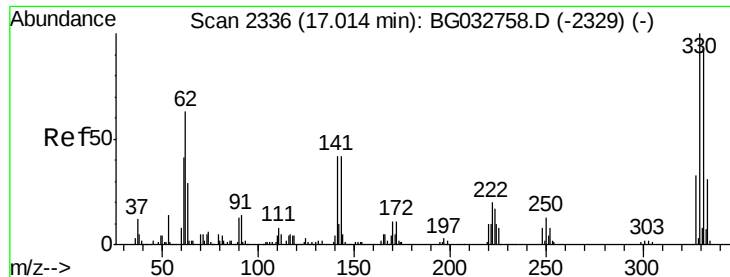


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

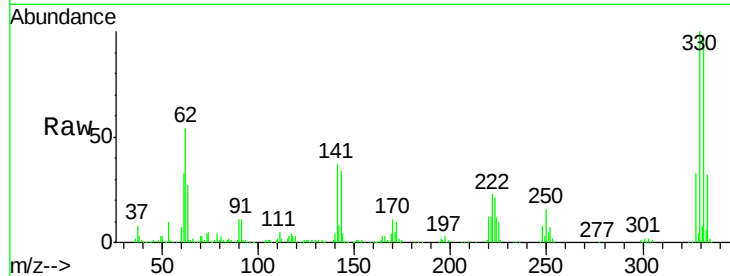




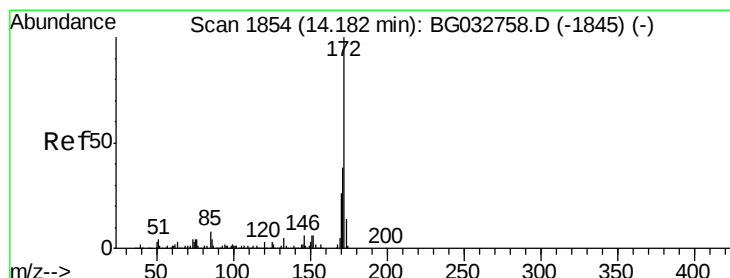
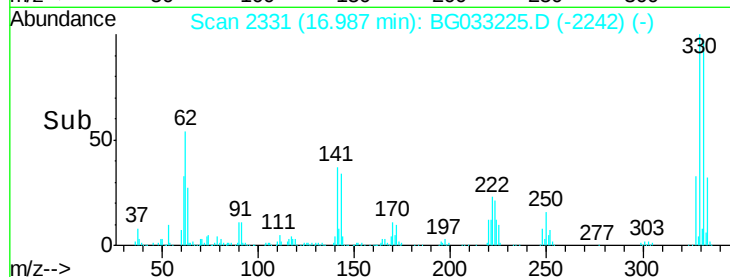
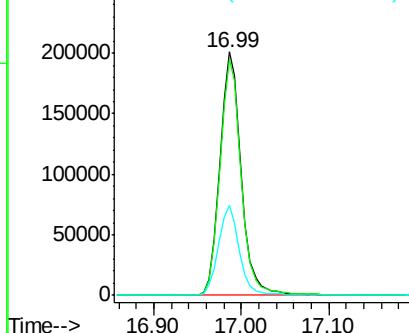
#41
 2,4,6-Tribromophenol
 Concen: 255.402 ng
 RT: 16.99 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: BG033225.D
 Acq: 17 Mar 2018 9:22

Instrument :
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Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	36.5	25.2	37.8

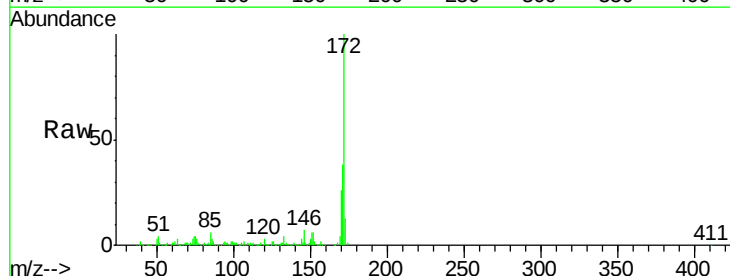


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

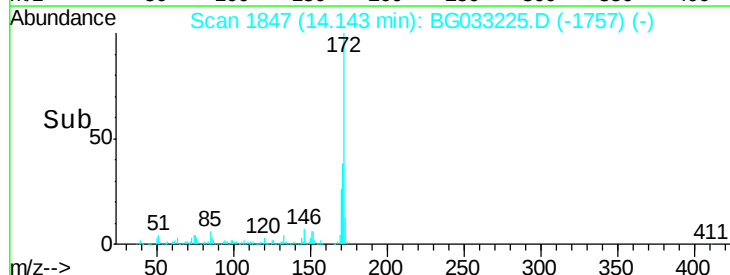
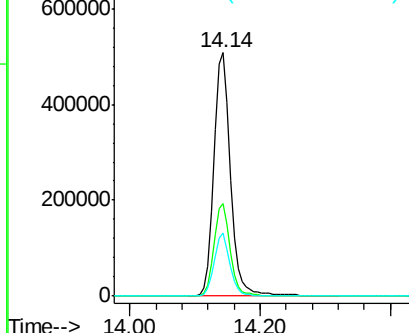


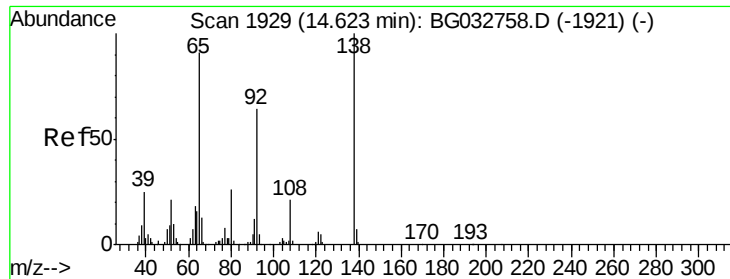
#44
 2-Fluorobiphenyl
 Concen: 103.177 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033225.D
 Acq: 17 Mar 2018 9:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	25.9	19.5	29.3



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





#47

2-Nitroaniline

Concen: 9.858 ng

RT: 14.50 min Scan# 1908

Delta R.T. -0.10 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

Instrument :

BNA_G

ClientSampleId :

1480-OILY-DEBRIS

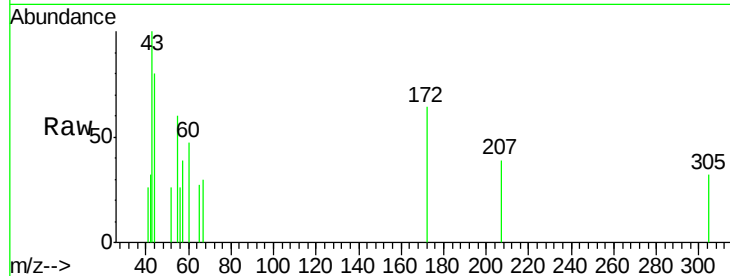
Tot Ion: 65 Resp: 58

Ion Ratio Lower Upper

65 100

92 0.0 54.6 82.0#

138 0.0 72.9 109.3#

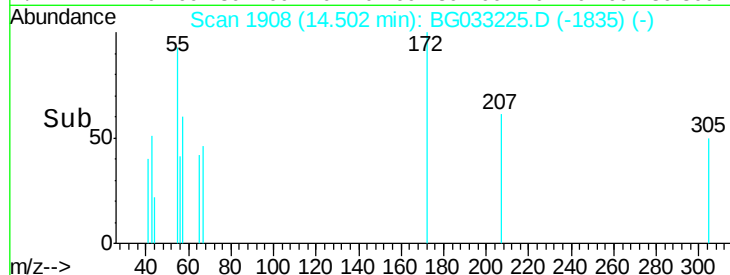


Abundance Ion 65.00 (64.70 to 65.70): BGC

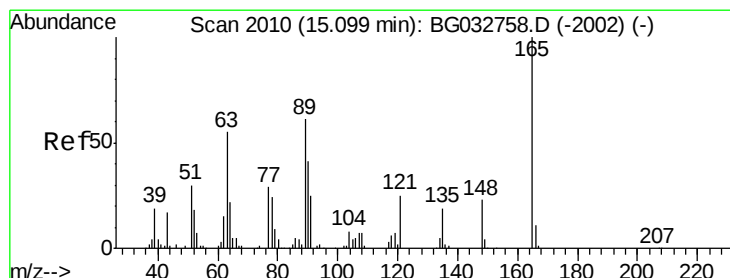
Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC

14.50



Time-->



#50

2,6-Dinitrotoluene

Concen: 9.849 ng

RT: 15.00 min Scan# 1992

Delta R.T. -0.08 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

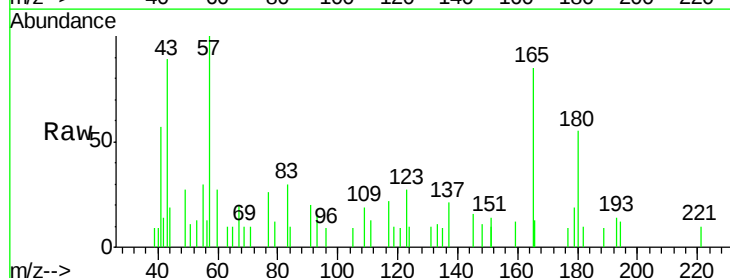
Tgt Ion: 165 Resp: 2065

Ion Ratio Lower Upper

165 100

63 11.5 52.7 79.1#

89 0.0 49.2 73.8#

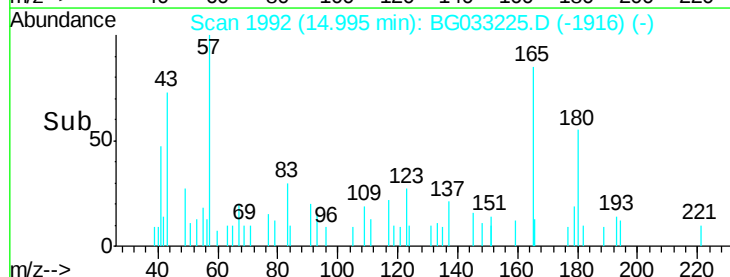


Abundance Ion 165.00 (164.70 to 165.70): BGC

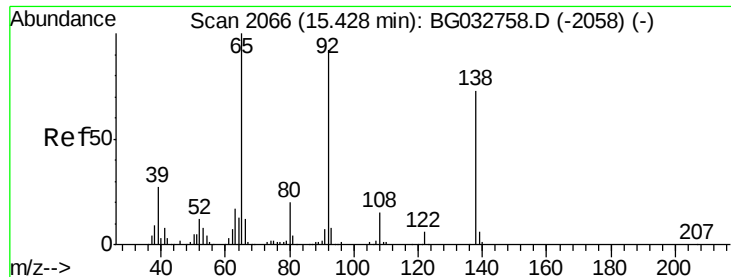
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

15.00



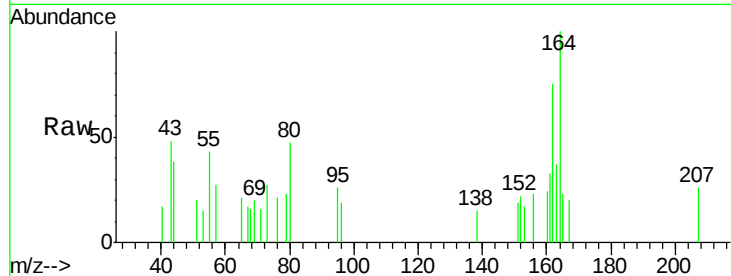
Time-->



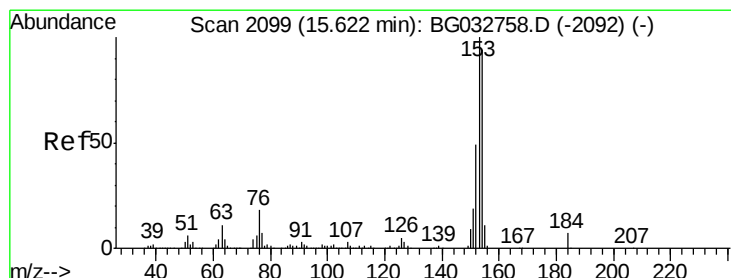
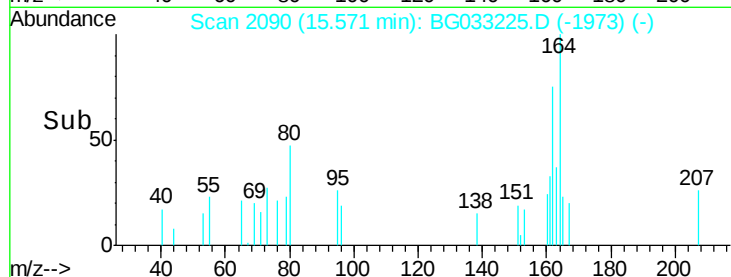
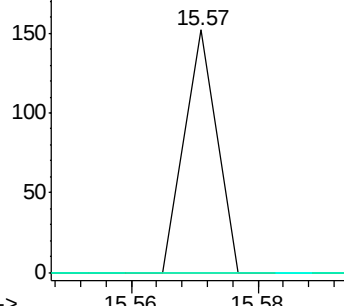
#52
 3-Nitroaniline
 Concen: 7.564 ng
 RT: 15.57 min Scan# 2090
 Delta R.T. 0.16 min
 Lab File: BG033225.D
 Acq: 17 Mar 2018 9:22

Instrument :
 BNA_G
 ClientSampleId :
 1480-OILY-DEBRIS

Tot Ion:138 Resp: 54
 Ion Ratio Lower Upper
 138 100
 108 0.0 17.5 26.3#
 92 0.0 105.8 158.8#

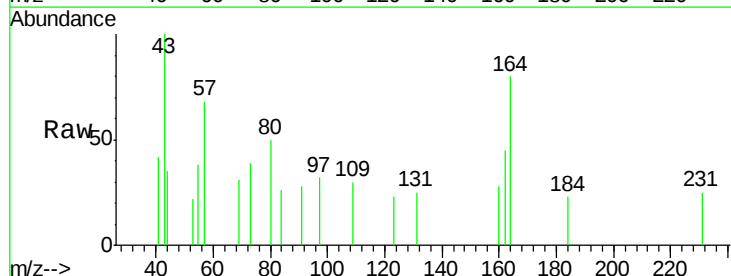


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): B

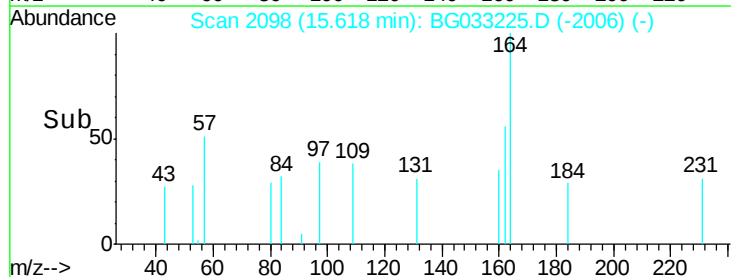
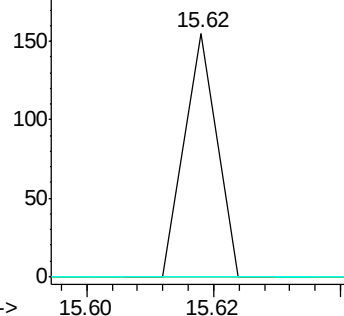


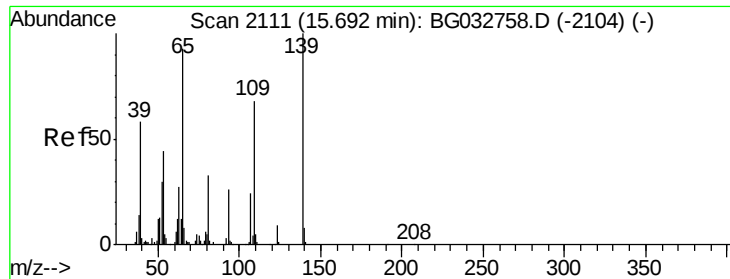
#53
 2,4-Dinitrophenol
 Concen: 3.530 ng
 RT: 15.62 min Scan# 2098
 Delta R.T. 0.01 min
 Lab File: BG033225.D
 Acq: 17 Mar 2018 9:22

Tgt Ion:184 Resp: 55
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): B
 Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 7.115 ng

RT: 15.66 min Scan# 2105

Delta R.T. -0.04 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

Instrument :

BNA_G

ClientSampleId :

1480-OILY-DEBRIS

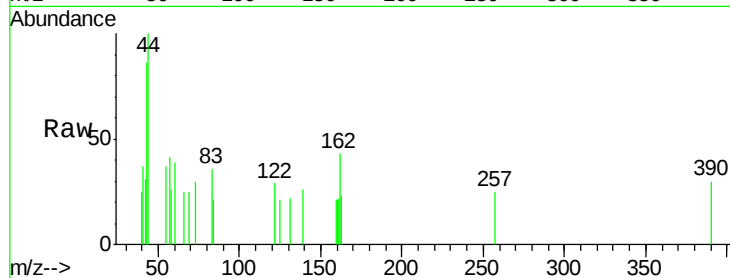
Tot Ion:139 Resp: 66

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

65 0.0 97.2 137.2#

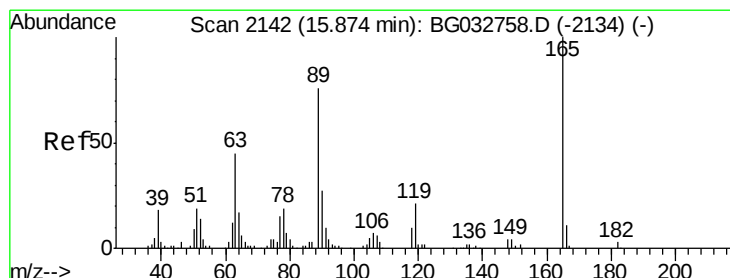
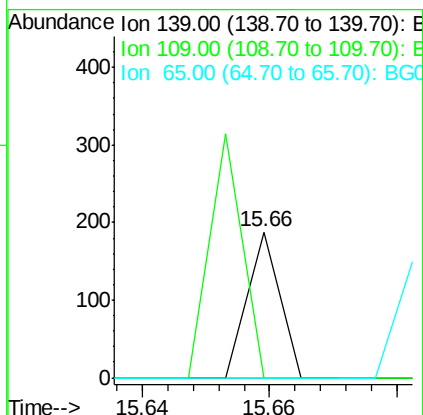
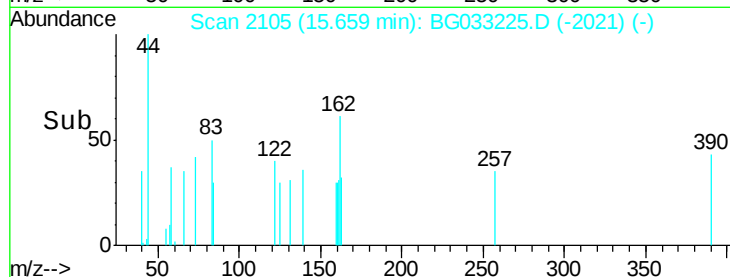


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

Time-->



#56

2,4-Dinitrotoluene

Concen: 14.957 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.34 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

Tgt Ion:165 Resp: 17077

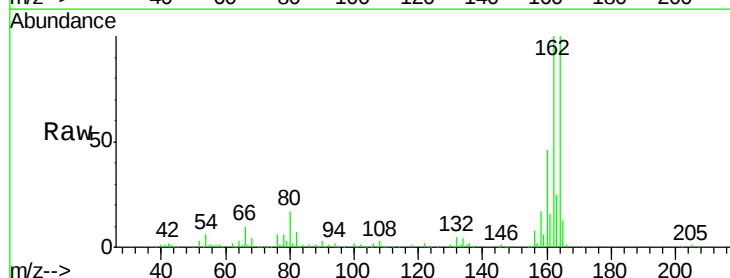
Ion Ratio Lower Upper

165 100

63 2.1 42.0 63.0#

89 1.8 66.9 100.3#

182 0.0 2.6 3.8#



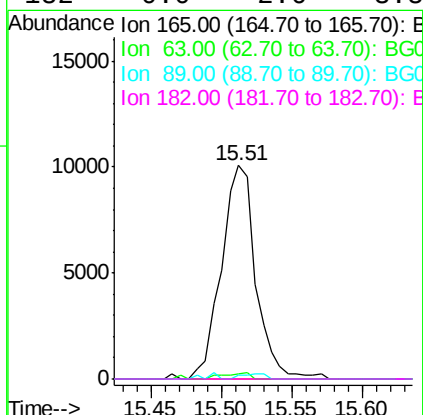
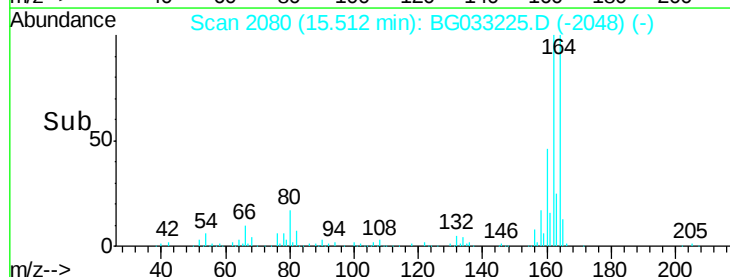
Abundance Ion 165.00 (164.70 to 165.70): E

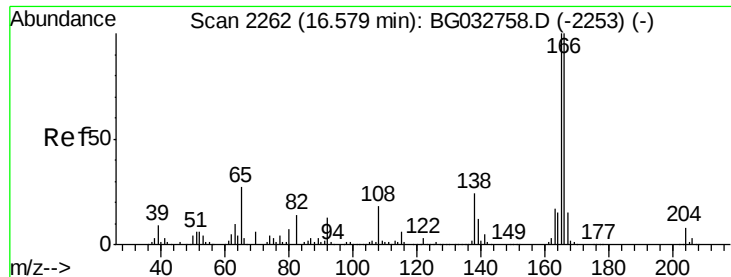
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

Time-->

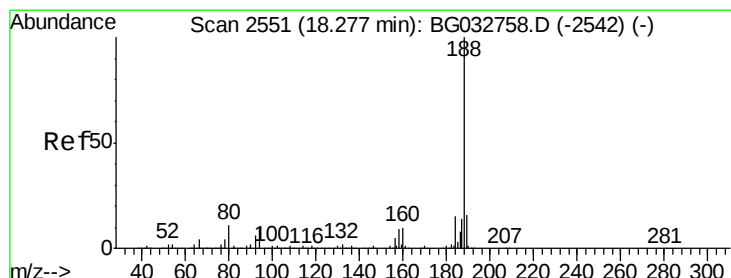
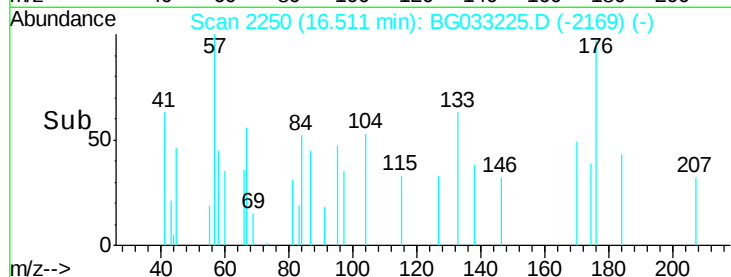
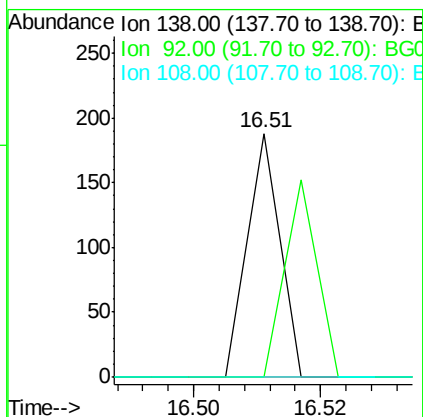
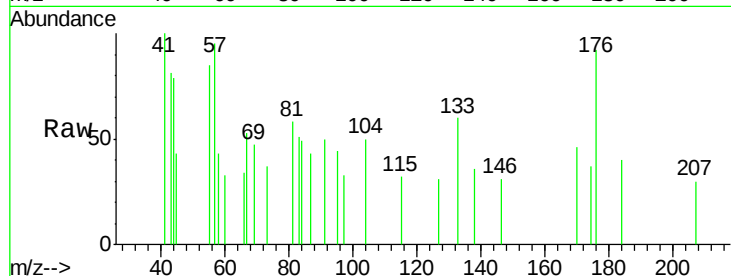




#61
4-Nitroaniline
Concen: 5.325 ng
RT: 16.51 min Scan# 2250
Delta R.T. -0.05 min
Lab File: BG033225.D
Acq: 17 Mar 2018 9:22

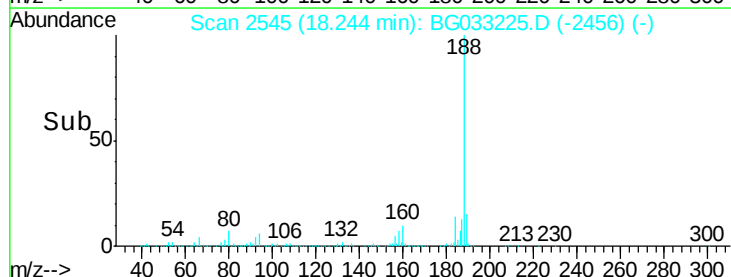
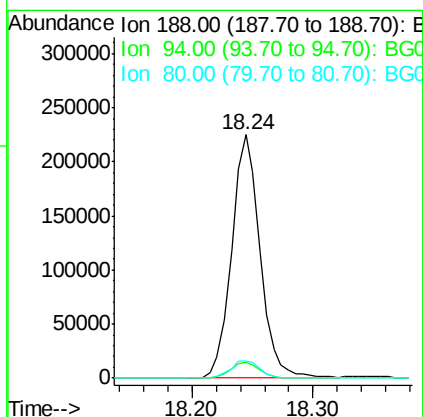
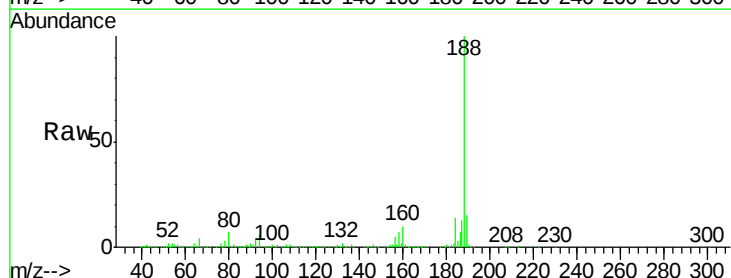
Instrument :
BNA_G
ClientSampleId :
1480-OILY-DEBRIS

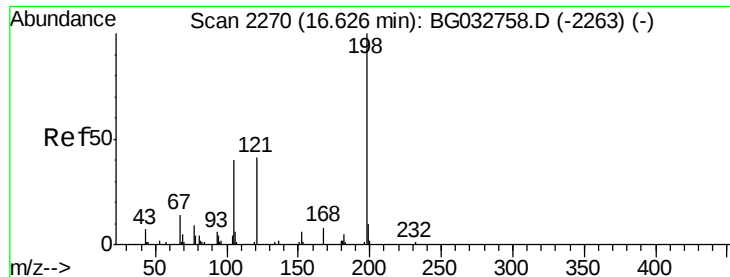
Tot Ion:138 Resp: 66
Ion Ratio Lower Upper
138 100
92 0.0 40.1 80.1#
108 0.0 65.4 105.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BG033225.D
Acq: 17 Mar 2018 9:22

Tgt Ion:188 Resp: 367250
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 6.9 7.7 11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 6.169 ng

RT: 16.98 min Scan# 2330

Delta R.T. 0.37 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

Instrument :

BNA_G

ClientSampleId :

1480-OILY-DEBRIS

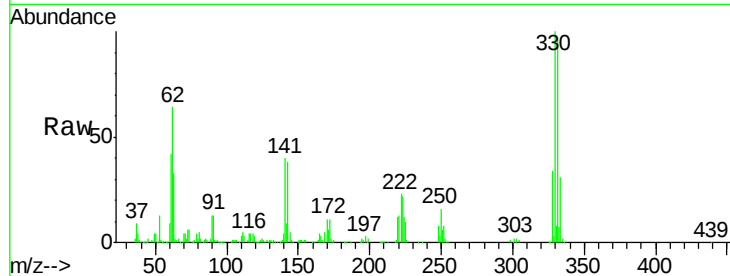
Tot Ion:198 Resp: 1058

Ion Ratio Lower Upper

198 100

51 106.2 30.6 70.6#

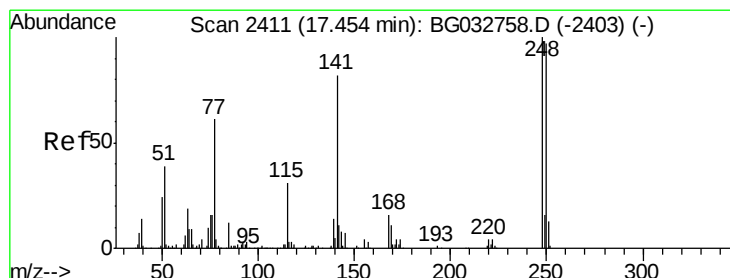
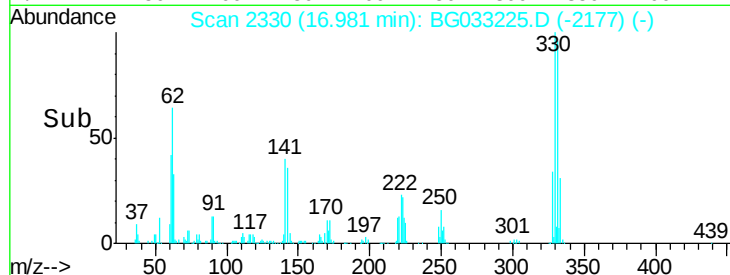
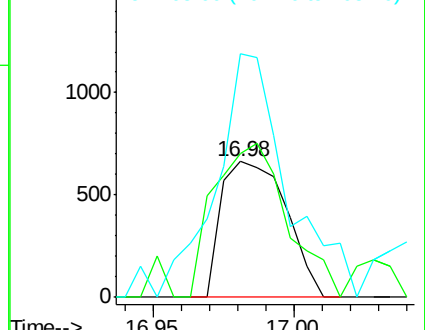
105 179.5 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 6.966 ng

RT: 16.99 min Scan# 2331

Delta R.T. -0.43 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

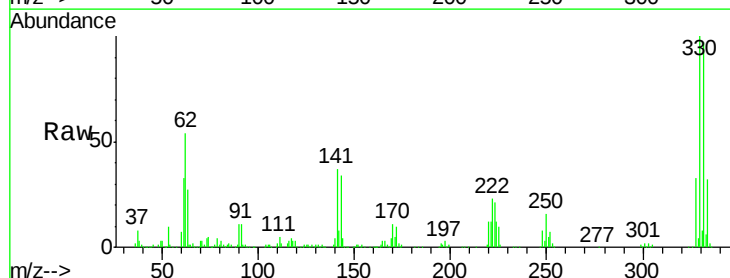
Tgt Ion:248 Resp: 27049

Ion Ratio Lower Upper

248 100

250 191.4 77.1 115.7#

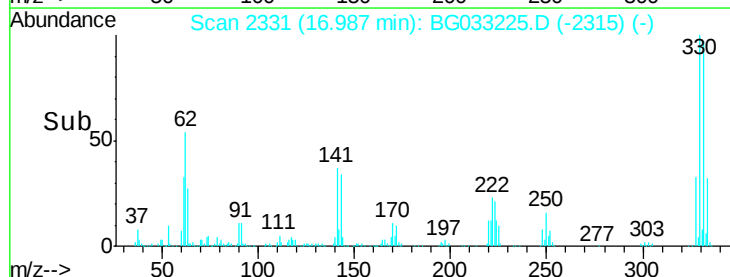
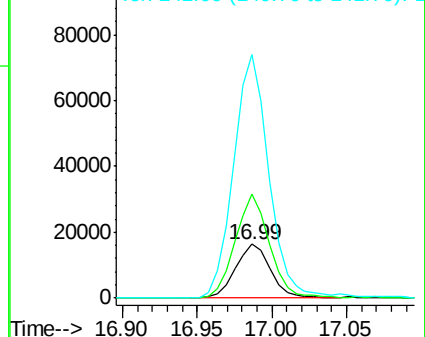
141 449.9 50.8 76.2#

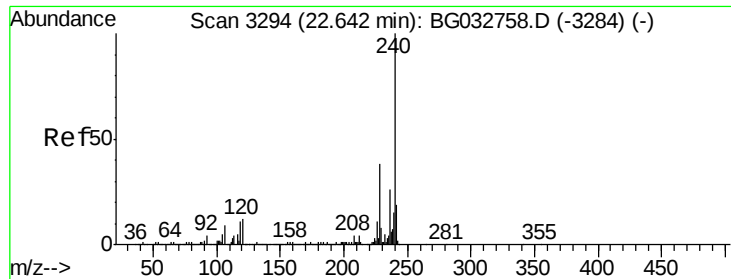


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

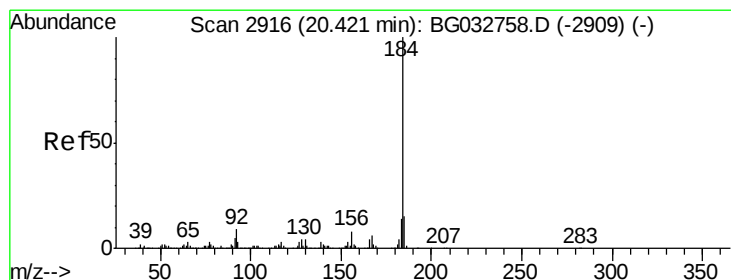
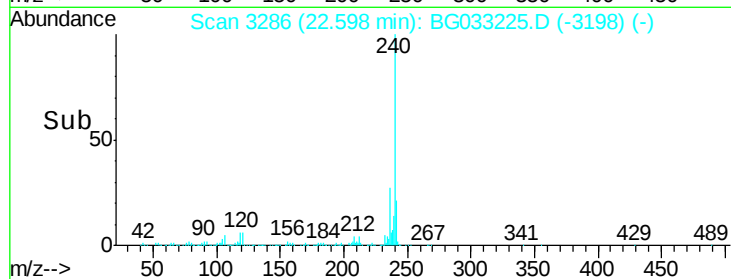
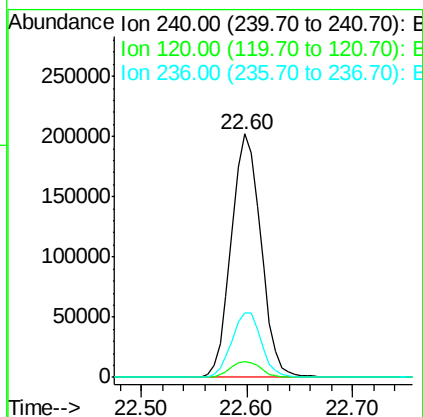
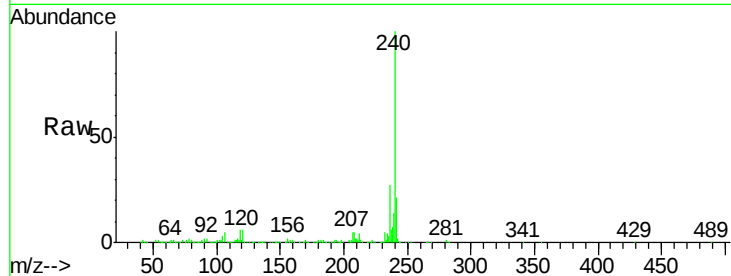




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3286
Delta R.T. -0.01 min
Lab File: BG033225.D
Acq: 17 Mar 2018 9:22

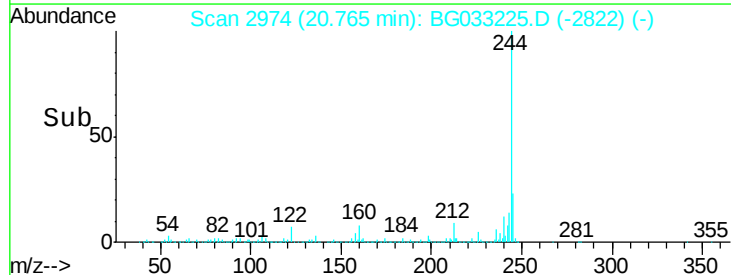
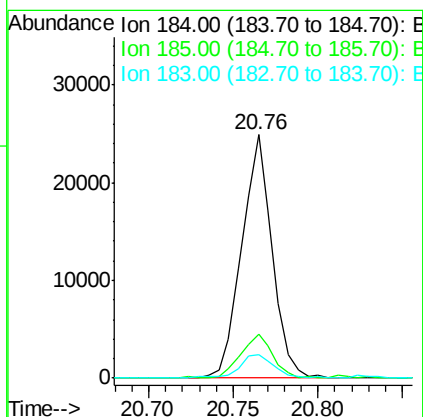
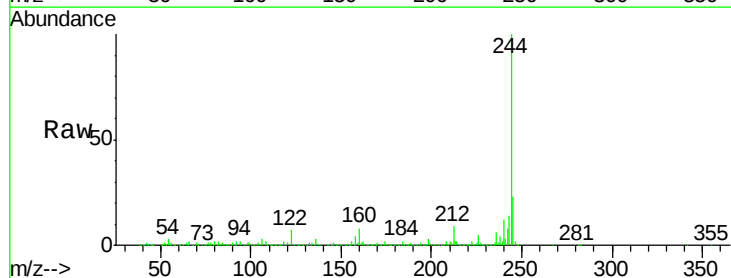
Instrument :
BNA_G
ClientSampleId :
1480-OILY-DEBRIS

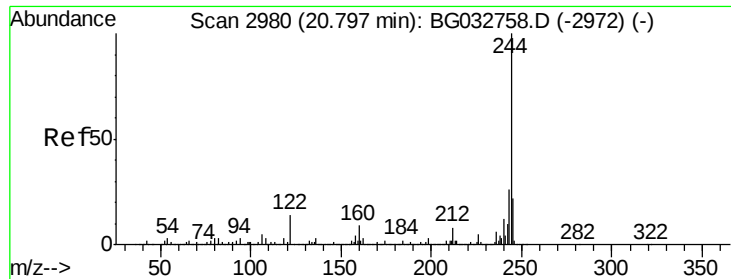
Tot Ion:240 Resp: 392454
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 26.6 20.9 31.3



#76
Benzidine
Concen: 2.326 ng
RT: 20.76 min Scan# 2974
Delta R.T. 0.37 min
Lab File: BG033225.D
Acq: 17 Mar 2018 9:22

Tgt Ion:184 Resp: 31120
Ion Ratio Lower Upper
184 100
185 18.1 11.1 16.7#
183 9.8 10.6 16.0#





#78

Terphenyl-d14

Concen: 106.301 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

Instrument :

BNA_G

ClientSampleId :

1480-OILY-DEBRIS

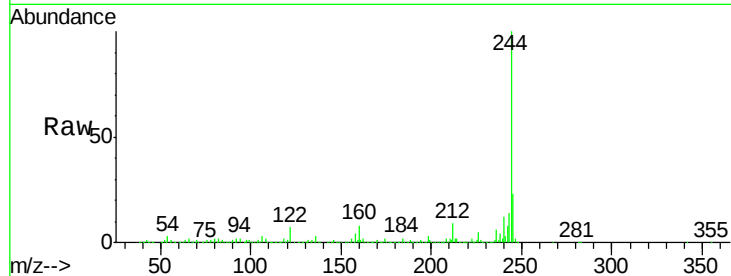
Tot Ion:244 Resp: 1856849

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

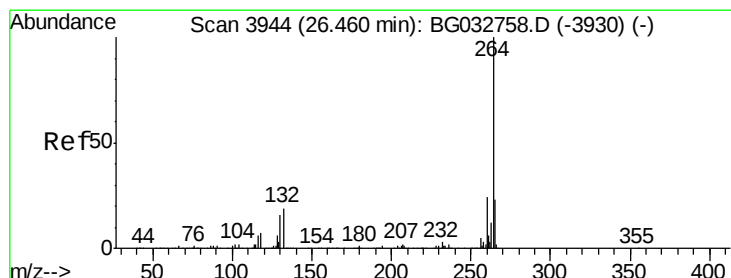
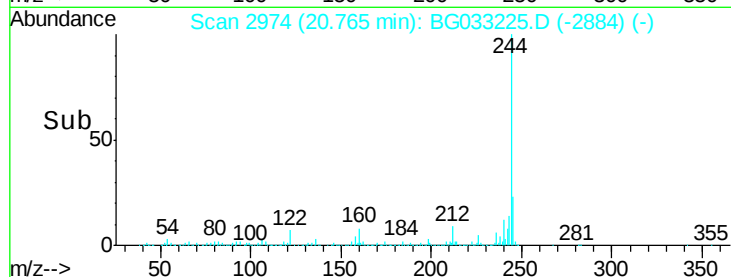
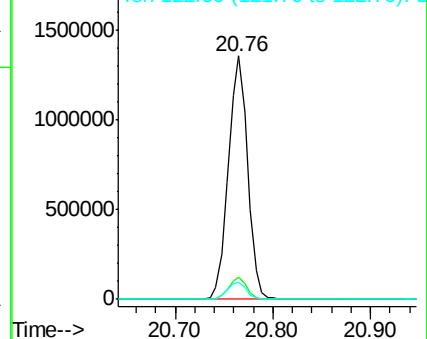
122 7.1 7.0 10.4



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: 26.40 min Scan# 3933

Delta R.T. -0.01 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

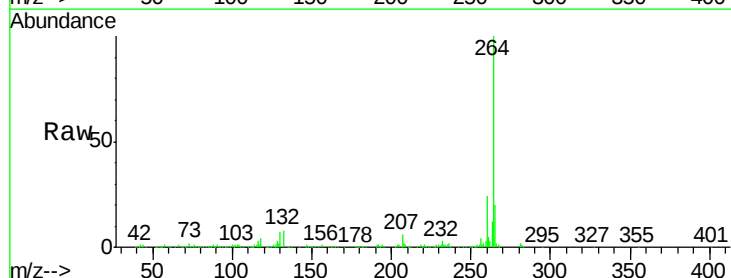
Tgt Ion:264 Resp: 421341

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 20.3 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

