

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033198.D
 Acq On : 16 Mar 2018 14:10
 Operator : SJ/JU
 Sample : J1913-03RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-DEBRIS-M8RE

Quant Time: Mar 17 05:18:45 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	8.89	152	66	20.00	ng	-0.01
21) Naphthalene-d8	0.00	136	0	0.00	ng	-11.79
38) Acenaphthene-d10	15.44	164	63	20.00	ng	-0.08
63) Phenanthrene-d10	18.25	188	57	20.00	ng	0.00
75) Chrysene-d12	22.58	240	125	20.00	ng	-0.03
86) Perylene-d12	26.60	264	68	20.00	ng	0.19

System Monitoring Compounds

5) 2-Fluorophenol	6.36	112	234	56.72	ng	0.04
7) Phenol-d6	8.00	99	60	10.43	ng	-0.01
23) Nitrobenzene-d5	10.09	82	277	0.00	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	14.14	172	797	182.46	ng	0.00
78) Terphenyl-d14	20.77	244	934	167.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.94	88	217	121.202	ng	# 1
3) Pyridine	4.37	79	55	11.146	ng	# 1
4) n-Nitrosodimethylamine	4.27	42	593	299.730	ng	# 1
8) 2-Chlorophenol	8.43	128	62	13.731	ng	# 29
12) 1,3-Dichlorobenzene	8.50	146	61	11.534	ng	# 26
13) 1,4-Dichlorobenzene	8.50	146	61	11.458	ng	# 23
16) 2,2'-oxybis(1-Chloropropan	9.43	45	132	16.200	ng	75
19) n-Nitroso-di-n-propylamine	9.75	70	54	13.302	ng	# 34
47) 2-Nitroaniline	14.97	65	93	81.133	ng	# 9
48) Acenaphthylene	14.83	152	56	8.317	ng	# 59
49) Dimethylphthalate	15.21	163	64	11.964	ng	# 77
50) 2,6-Dinitrotoluene	15.29	165	62	65.942	ng	# 18
51) Acenaphthene	15.56	154	60	14.309	ng	# 68
52) 3-Nitroaniline	15.24	138	68	59.868	ng	# 1
55) 4-Nitrophenol	15.73	139	70	79.918	ng	# 1
56) 2,4-Dinitrotoluene	16.17	165	71	63.019	ng	# 16
59) Diethylphthalate	15.69	149	69	12.229	ng	# 58
62) Azobenzene	16.23	77	56	11.095	ng	# 1
66) 4-Bromophenyl-phenvlether	17.24	248	73	121.119	ng	# 8
67) Hexachlorobenzene	17.53	284	96	147.391	ng	# 41
70) Phenanthrene	17.98	178	56	17.610	ng	# 60
71) Anthracene	17.98	178	56	17.541	ng	# 59
72) Carbazole	18.33	167	70	22.245	ng	# 59
73) Di-n-butylphthalate	19.13	149	116	30.048	ng	# 78
77) Pyrene	21.03	202	60	6.807	ng	# 57
79) Butylbenzylphthalate	21.42	149	205	52.452	ng	# 86
80) Benzo(a)anthracene	22.22	228	54	6.737	ng	# 50
81) 3,3'-Dichlorobenzidine	22.42	252	56	18.863	ng	# 26
82) Chrysene	22.22	228	54	7.052	ng	# 49
83) Bis(2-ethylhexyl)phthalate	22.39	149	105	18.150	ng	# 50
84) Di-n-octyl phthalate	23.78	149	232	26.310	ng	# 55
87) Benzo(b)fluoranthene	25.40	252	60	14.923	ng	# 59
88) Benzo(k)fluoranthene	25.40	252	60	15.016	ng	# 60
89) Benzo(a)pyrene	26.31	252	95	24.842	ng	# 59

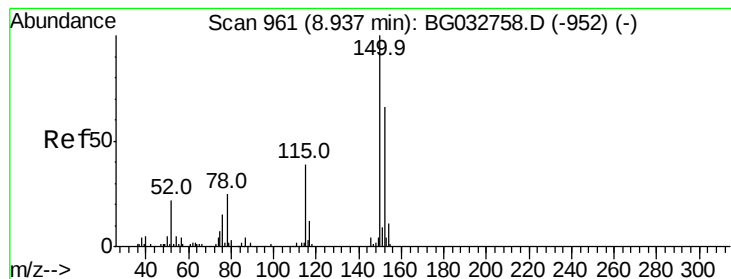
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(q,h,i)perylene	31.97	276	59	15.549	ng	# 56

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8RE

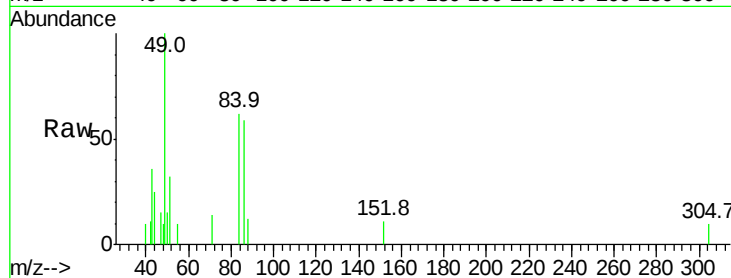
Tot Ion:152 Resp: 66

Ion Ratio Lower Upper

152 100

150 0.0 126.6 189.8#

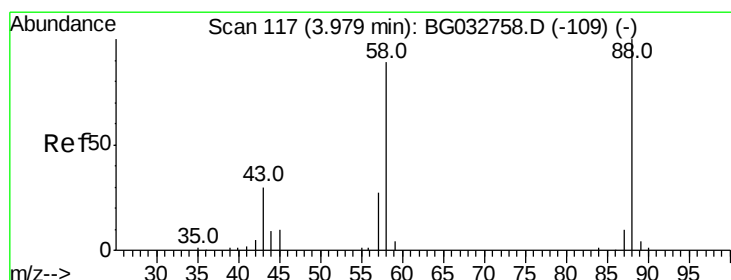
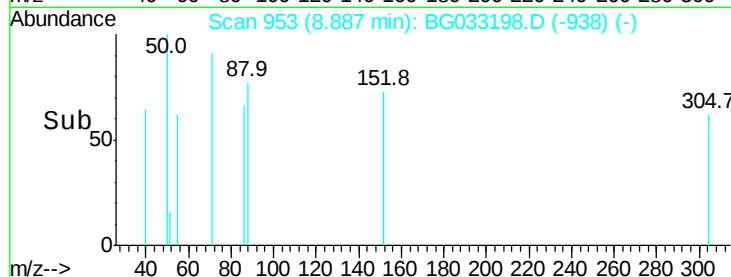
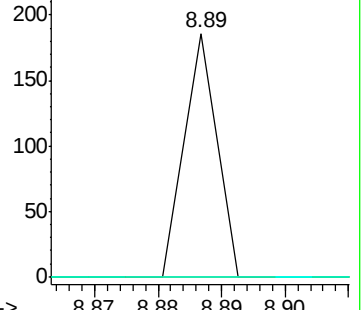
115 0.0 53.0 79.4#



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



#2

1,4-Dioxane

Concen: 121.202 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

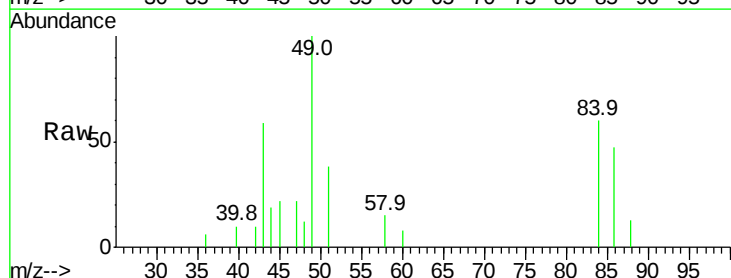
Tgt Ion: 88 Resp: 217

Ion Ratio Lower Upper

88 100

58 75.6 79.6 119.4#

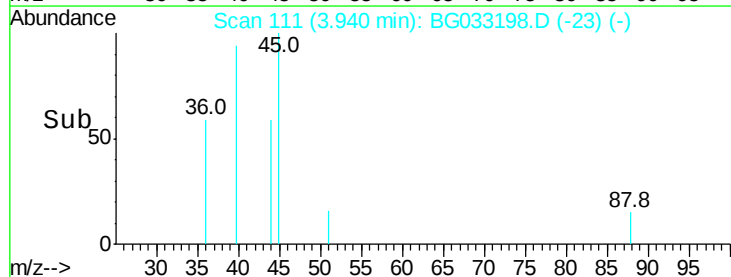
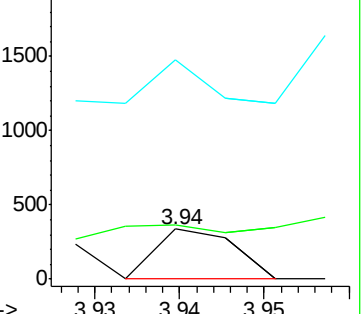
43 277.4 27.4 41.0#

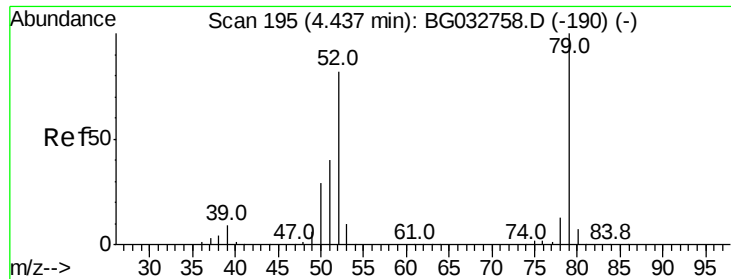


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 11.146 ng

RT: 4.37 min Scan# 185

Delta R.T. -0.05 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

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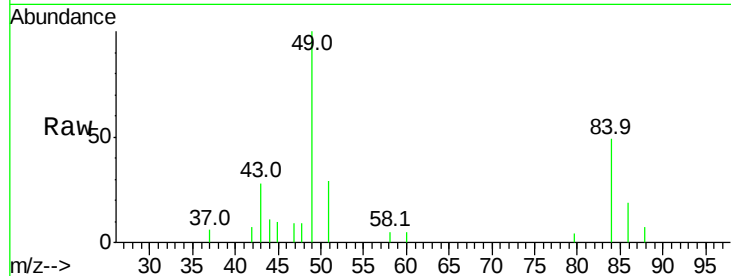
Tot Ion: 79 Resp: 55

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

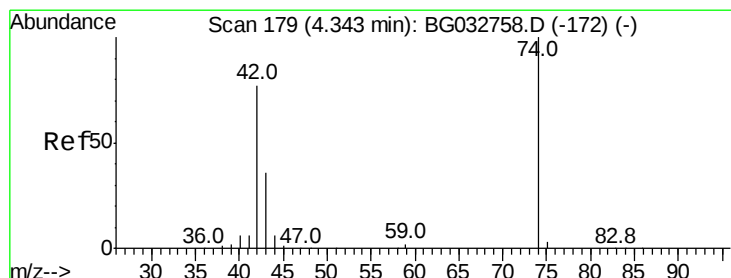
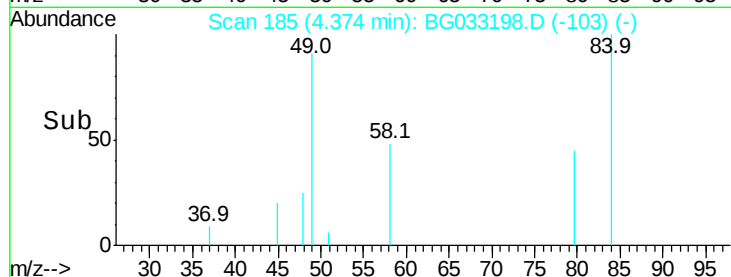
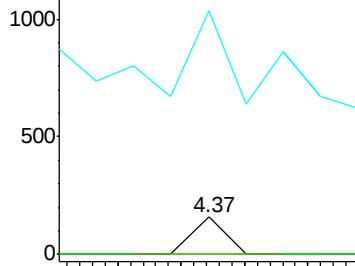
51 659.2 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 299.730 ng

RT: 4.27 min Scan# 168

Delta R.T. -0.05 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

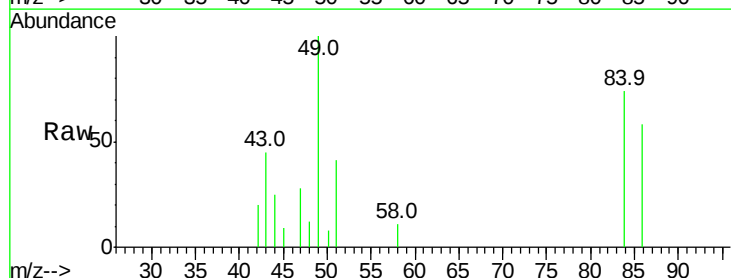
Tgt Ion: 42 Resp: 593

Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

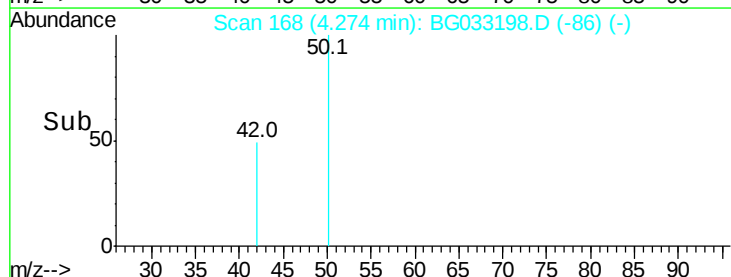
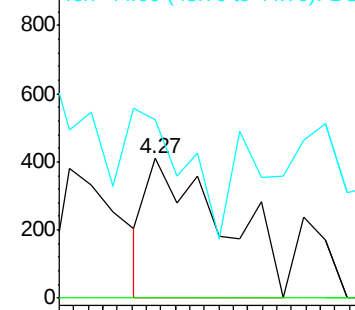
44 127.6 18.9 28.3#

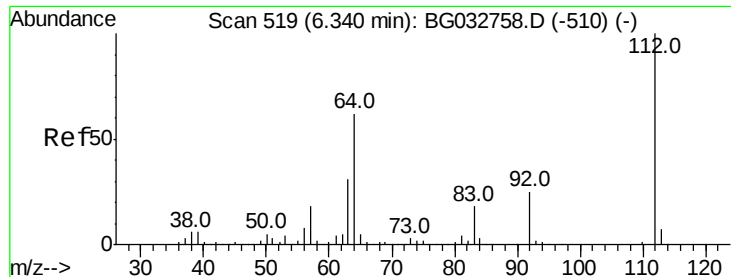


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 56.722 ng

RT: 6.36 min Scan# 523

Delta R.T. 0.04 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

Instrument :

BNA_G

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OILY-DEBRIS-M8RE

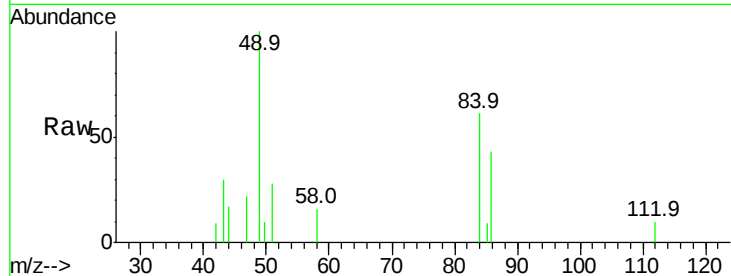
Tot Ion:112 Resp: 234

Ion Ratio Lower Upper

112 100

64 0.0 56.3 84.5#

63 0.0 30.1 45.1#

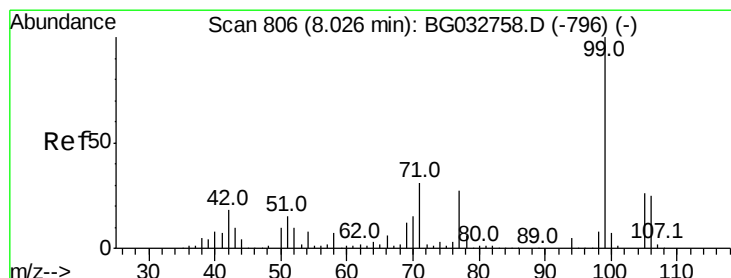
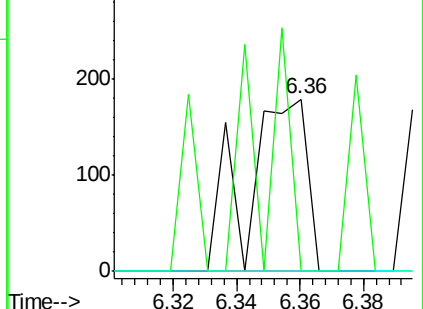
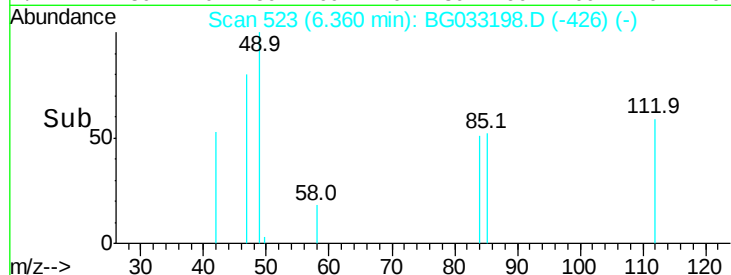


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Time-->



#7

Phenol-d6

Concen: 10.434 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

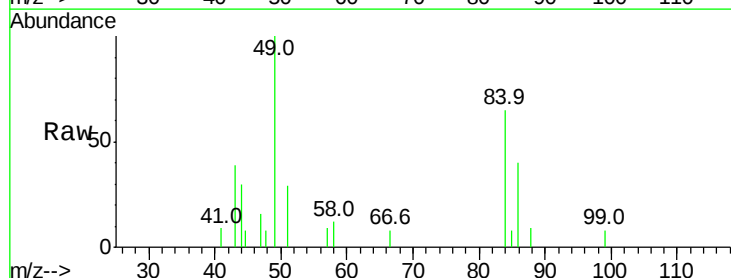
Tgt Ion: 99 Resp: 60

Ion Ratio Lower Upper

99 100

42 0.0 14.1 21.1#

71 0.0 26.1 39.1#

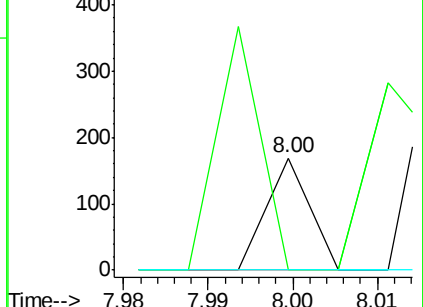
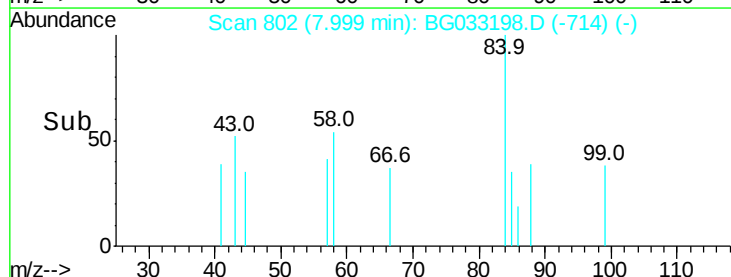


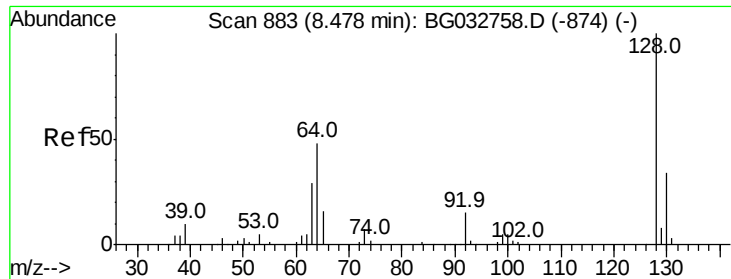
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

Time-->





#8

2-Chlorophenol

Concen: 13.731 ng

RT: 8.43 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

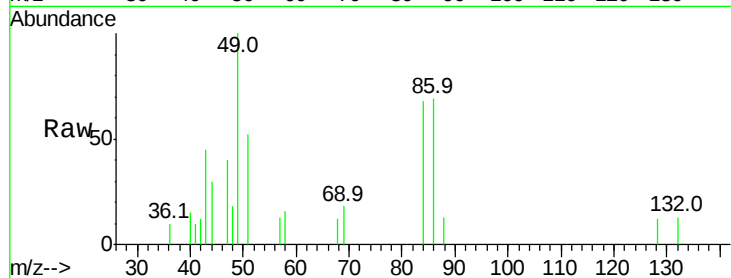
Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8RE

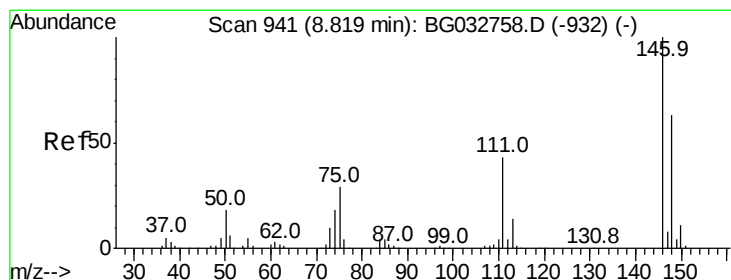
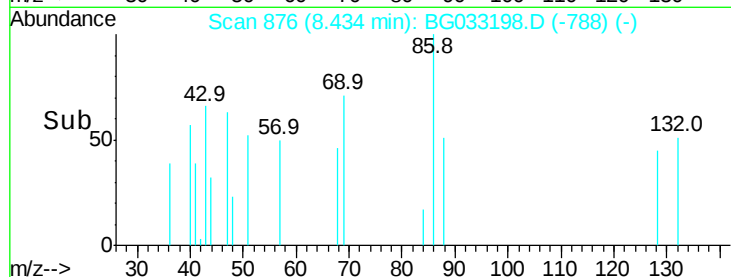
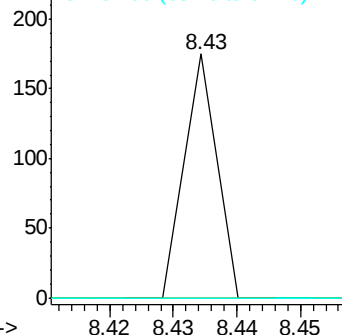
Tot Ion	Ratio	Lower	Upper
128	100		
130	0.0	14.0	54.0#
64	0.0	37.7	77.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#12

1,3-Dichlorobenzene

Concen: 11.534 ng

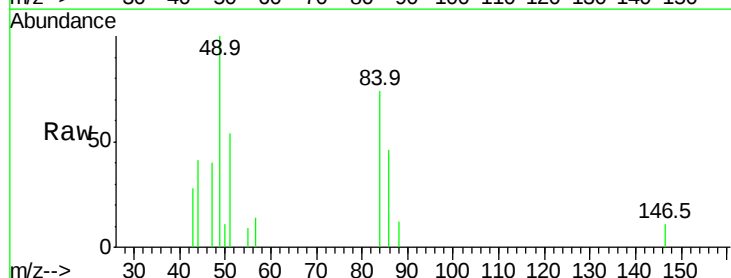
RT: 8.50 min Scan# 887

Delta R.T. -0.28 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

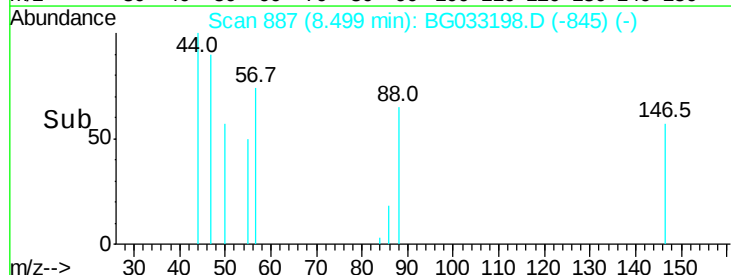
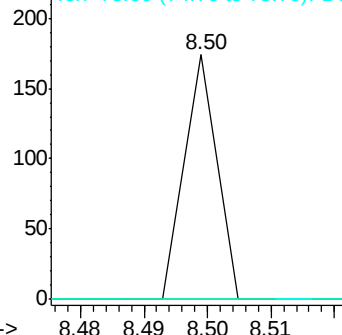
Tgt Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.4	77.2#
75	0.0	26.6	39.8#

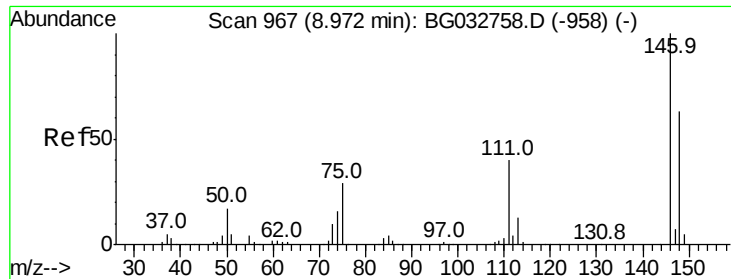


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC

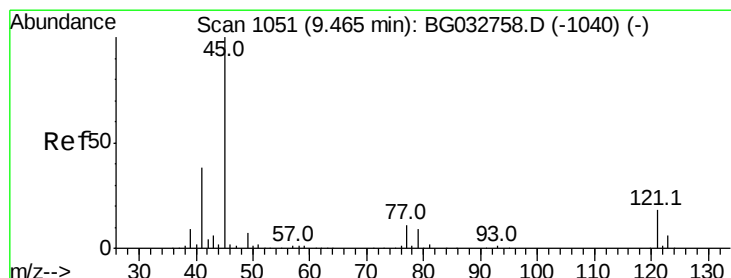
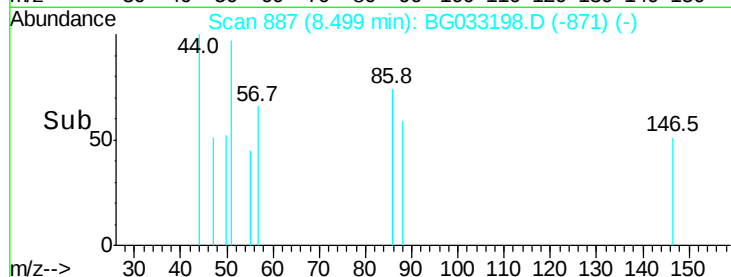
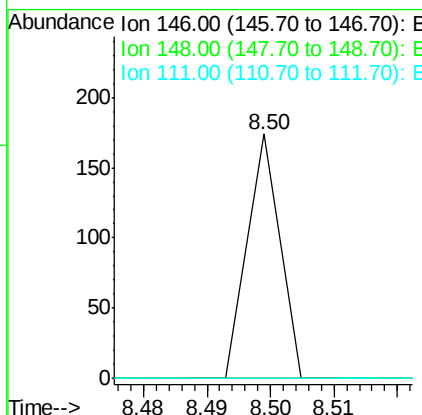
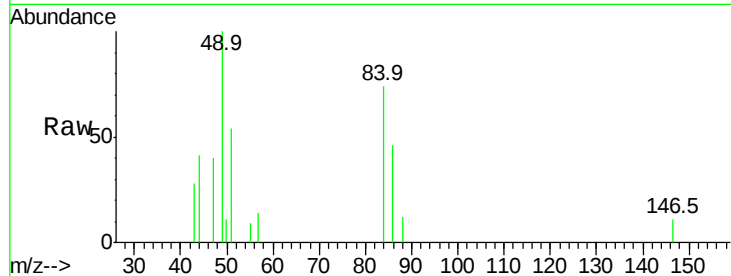




#13
 1,4-Dichlorobenzene
 Concen: 11.458 ng
 RT: 8.50 min Scan# 887
 Delta R.T. -0.43 min
 Lab File: BG033198.D
 Acq: 16 Mar 2018 14:10

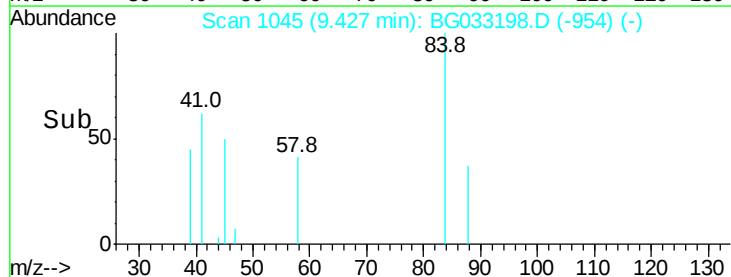
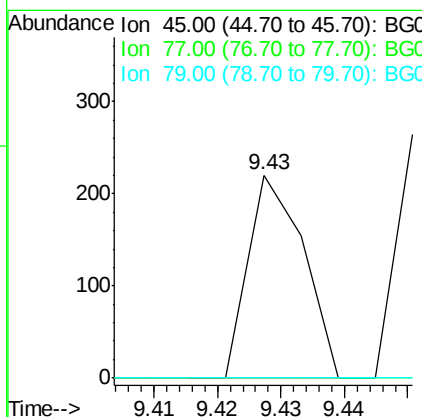
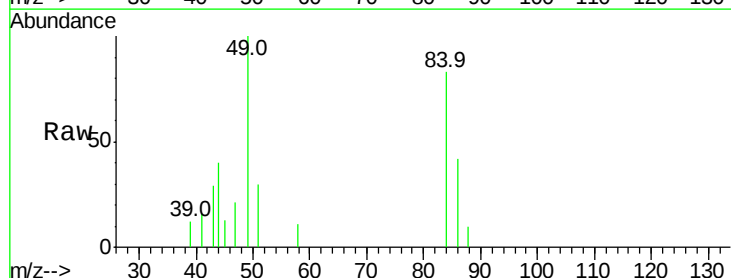
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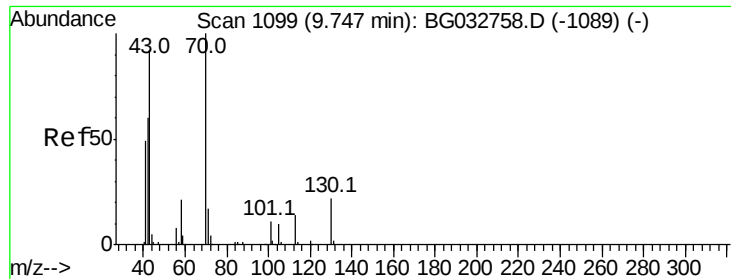
Tot Ion:146 Resp: 61
 Ion Ratio Lower Upper
 146 100
 148 0.0 53.7 80.5#
 111 0.0 35.2 52.8#



#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 16.200 ng
 RT: 9.43 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BG033198.D
 Acq: 16 Mar 2018 14:10

Tgt Ion: 45 Resp: 132
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 30.2
 79 0.0 0.0 27.9

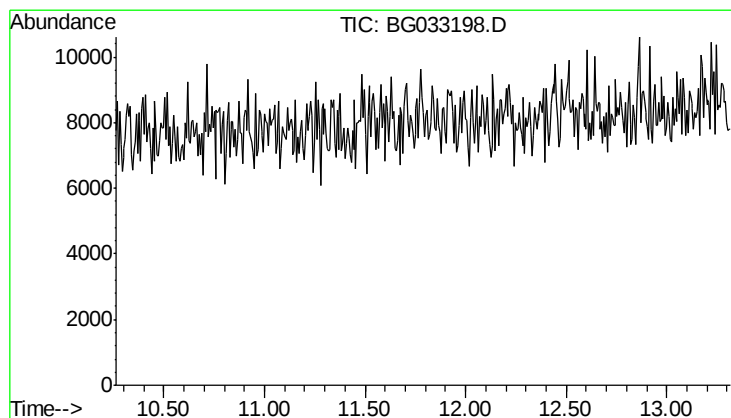
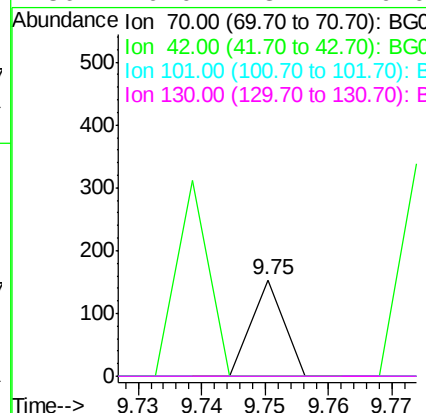
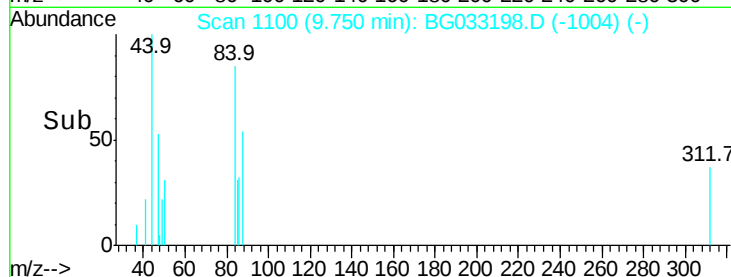
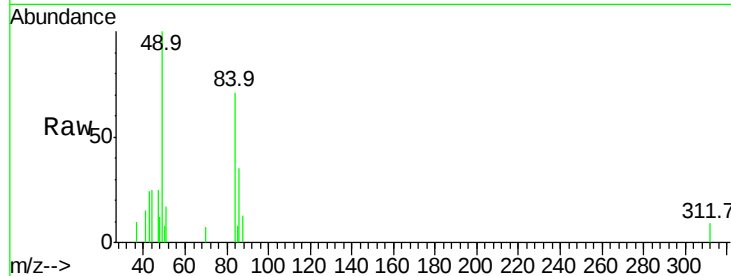




#19
n-Nitroso-di-n-propylamine
Concen: 13.302 ng
RT: 9.75 min Scan# 1100
Delta R.T. 0.04 min
Lab File: BG033198.D
Acq: 16 Mar 2018 14:10

Instrument :
BNA_G
ClientSampleId :
OILY-DEBRIS-M8RE

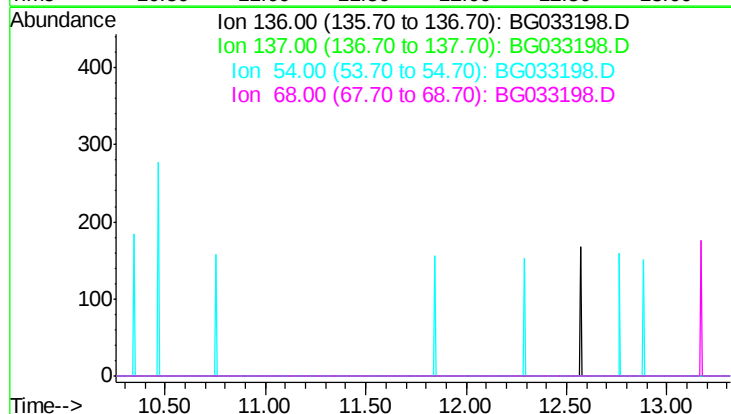
Tot Ion: 70 Resp: 54
Ion Ratio Lower Upper
70 100
42 0.0 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#

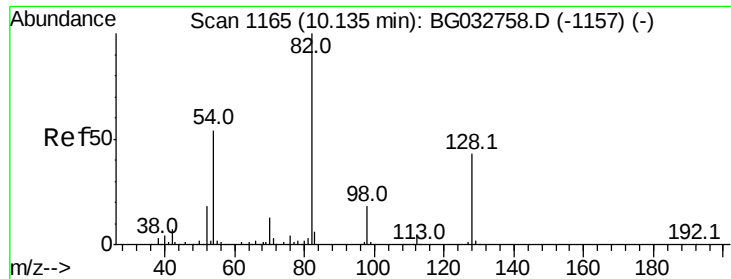


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 11.79 min

Lab File: BG033198.D
Acq: 16 Mar 2018 14:10

Tgt Ion: 136
Sig Exp Ratio
136 100
137 11.5
54 12.9
68 5.6





#23

Nitrobenzene-d5

Concen: 0.000 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8RE

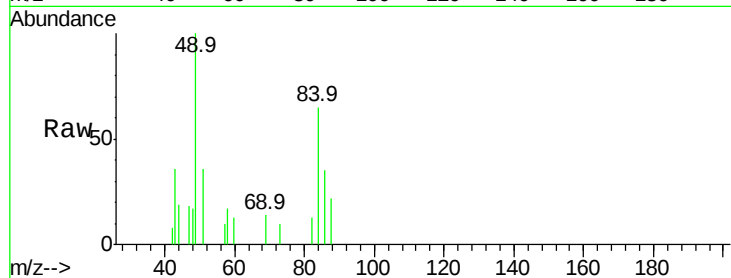
Tot Ion: 82 Resp: 277

Ion Ratio Lower Upper

82 100

128 0.0 29.7 44.5#

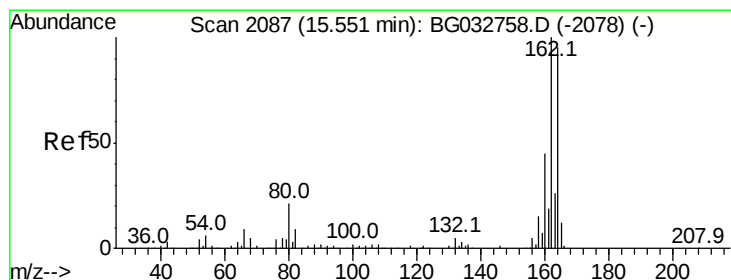
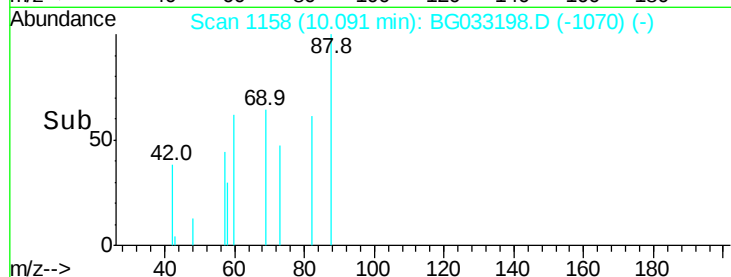
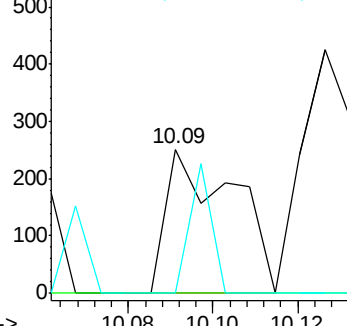
54 0.0 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.44 min Scan# 2068

Delta R.T. -0.08 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

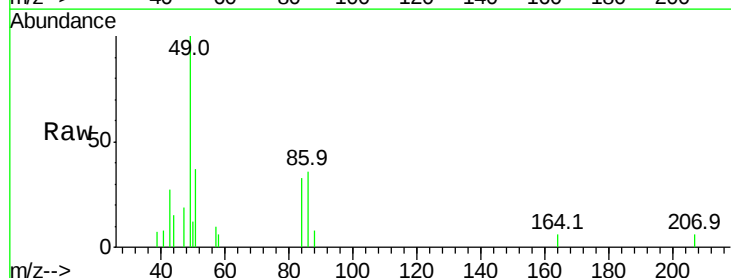
Tgt Ion: 164 Resp: 63

Ion Ratio Lower Upper

164 100

162 0.0 78.8 118.2#

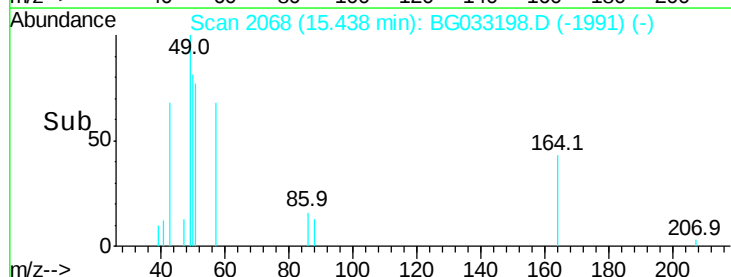
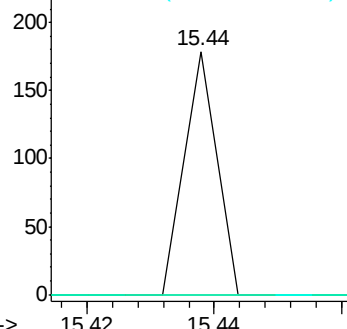
160 0.0 35.4 53.0#

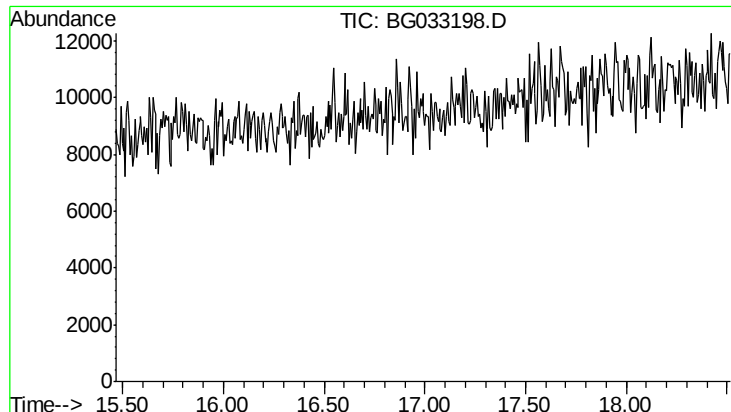


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.99 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8RE

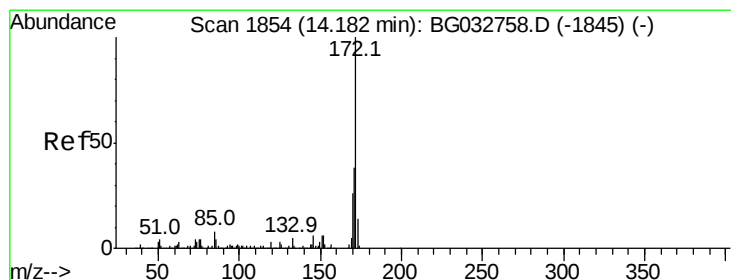
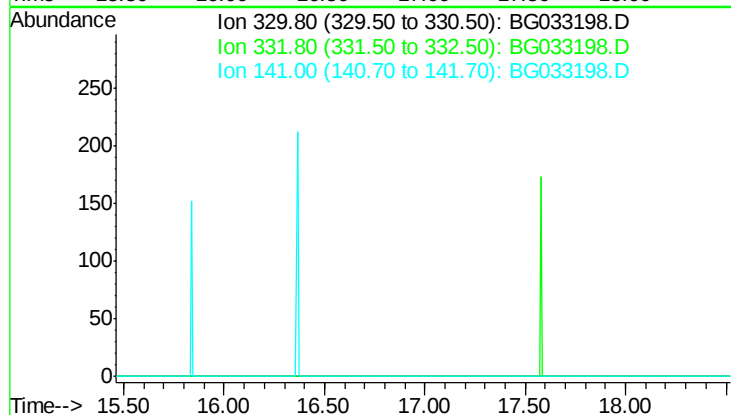
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.3

141 31.5



#44

2-Fluorobiphenyl

Concen: 182.456 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

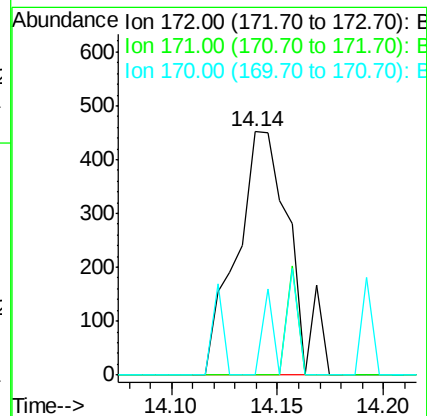
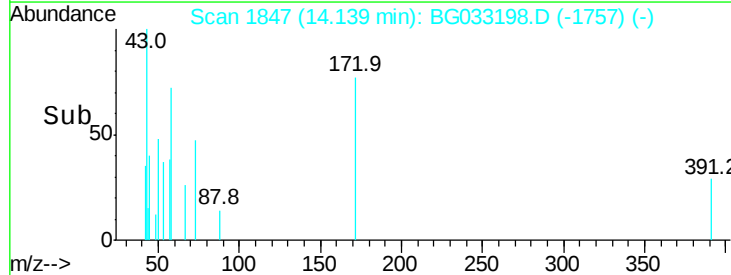
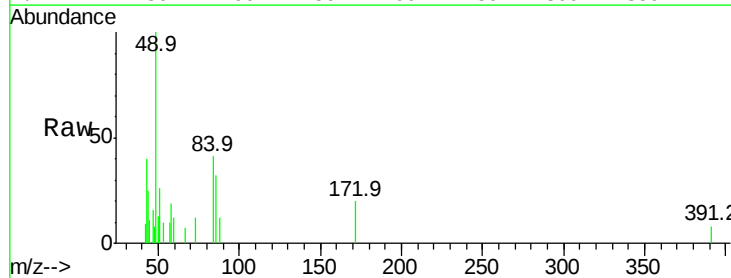
Tgt Ion:172 Resp: 797

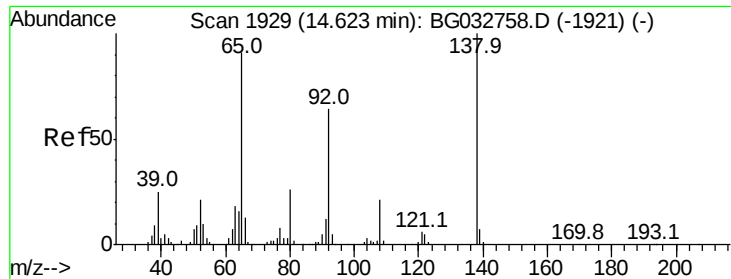
Ion Ratio Lower Upper

172 100

171 0.0 30.0 45.0#

170 0.0 19.5 29.3#





#47

2-Nitroaniline

Concen: 81.133 ng

RT: 14.97 min Scan# 1988

Delta R.T. 0.37 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8RE

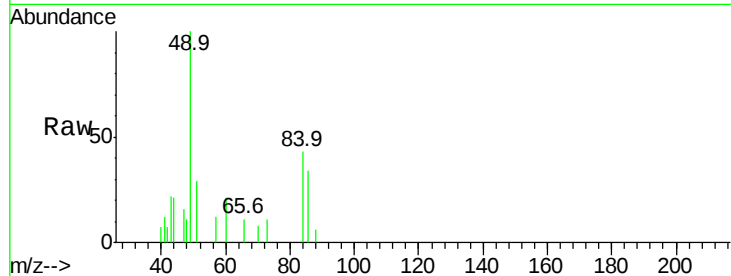
Tot Ion: 65 Resp: 93

Ion Ratio Lower Upper

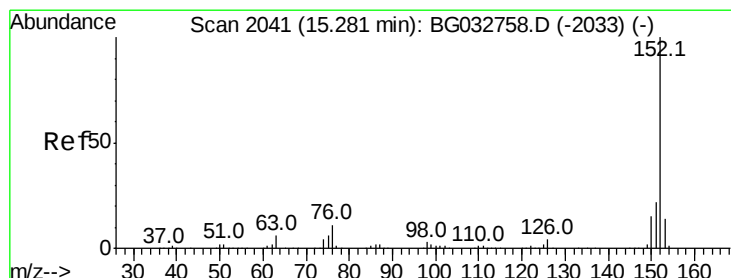
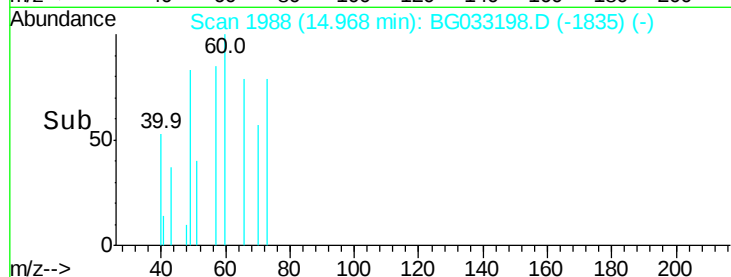
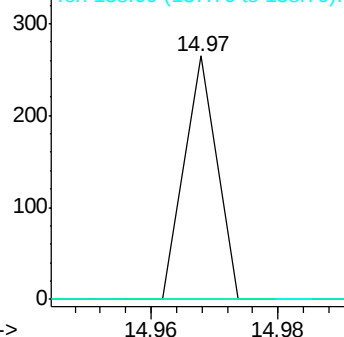
65 100

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



#48

Acenaphthylene

Concen: 8.317 ng

RT: 14.83 min Scan# 1965

Delta R.T. -0.42 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

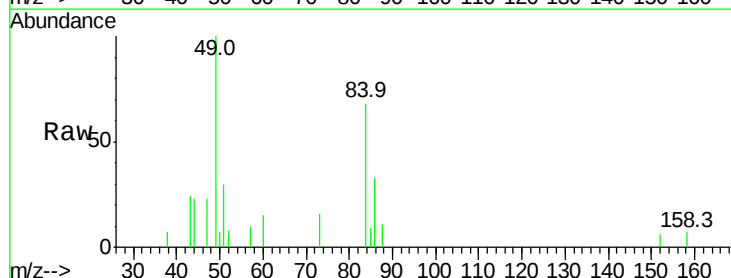
Tgt Ion: 152 Resp: 56

Ion Ratio Lower Upper

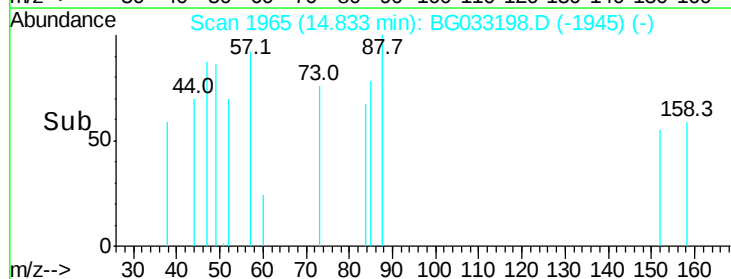
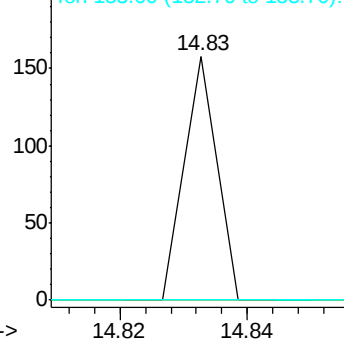
152 100

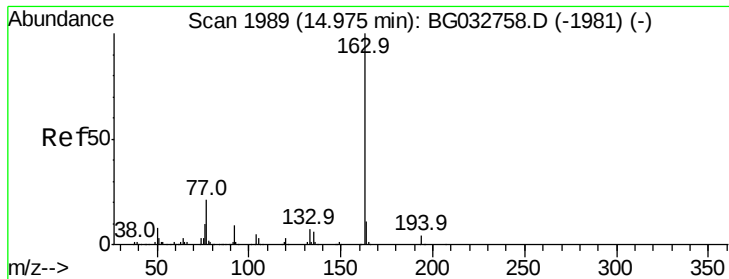
151 0.0 17.2 25.8#

153 0.0 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 11.964 ng

RT: 15.21 min Scan# 2029

Delta R.T. 0.27 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8RE

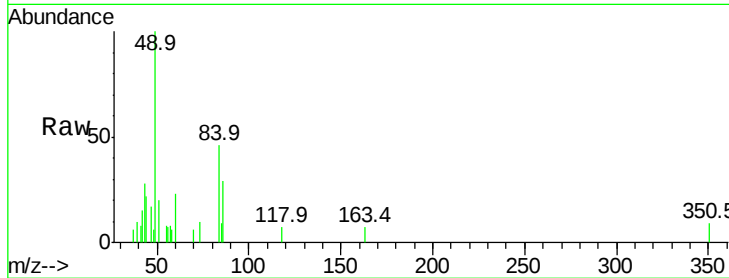
Tot Ion:163 Resp: 64

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

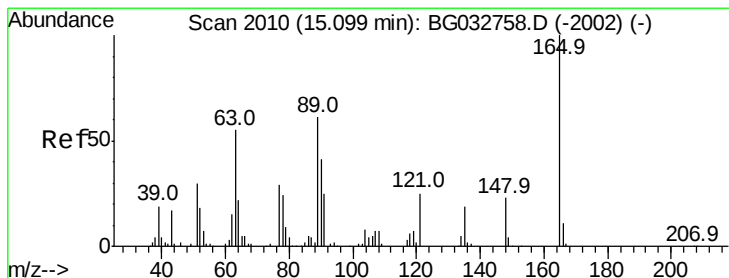
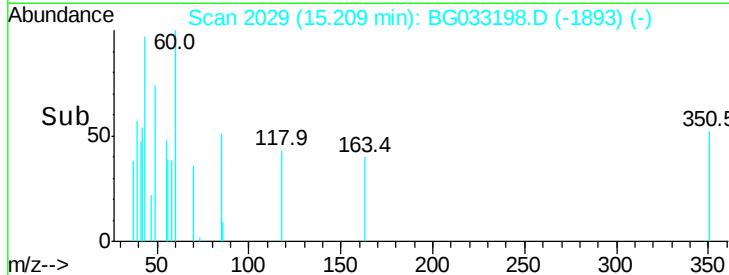
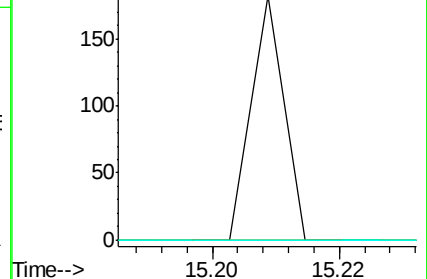
164 0.0 8.2 12.4#



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



#50

2,6-Dinitrotoluene

Concen: 65.942 ng

RT: 15.29 min Scan# 2042

Delta R.T. 0.21 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

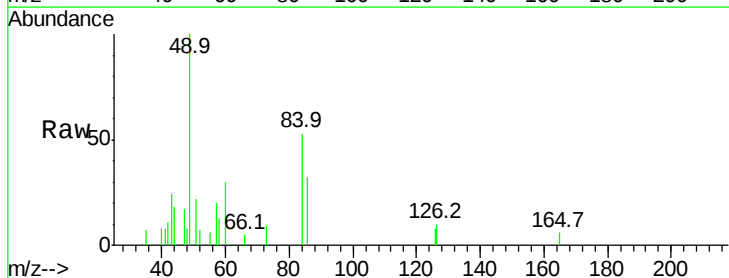
Tgt Ion:165 Resp: 62

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

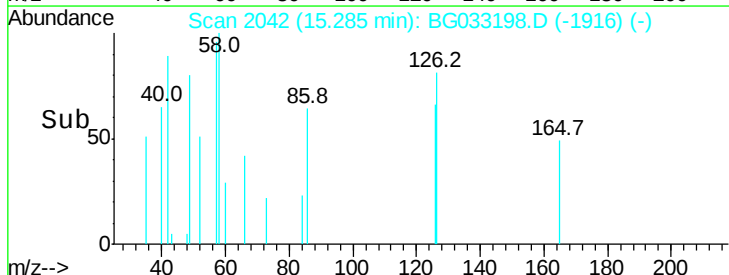
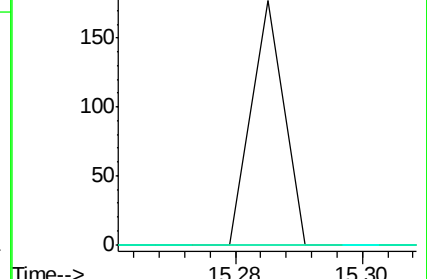
89 0.0 49.2 73.8#

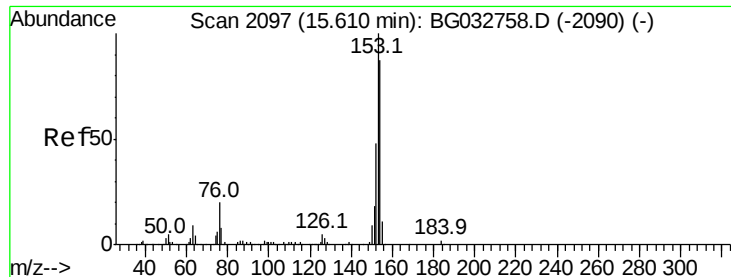


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 14.309 ng

RT: 15.56 min Scan# 2089

Delta R.T. -0.02 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8RE

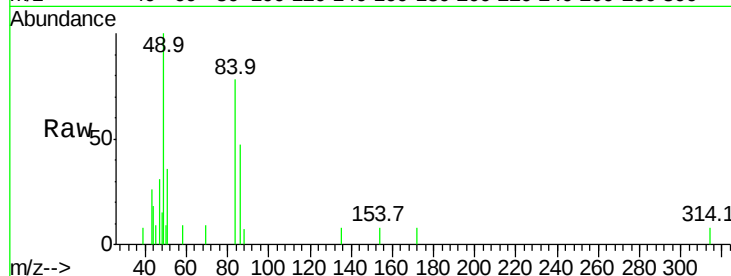
Tot Ion:154 Resp: 60

Ion Ratio Lower Upper

154 100

153 100.0 90.4 135.6

152 0.0 41.6 62.4#



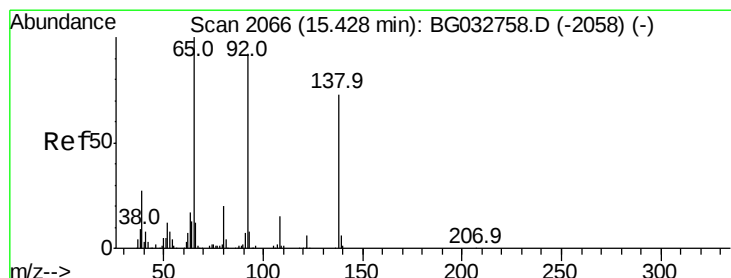
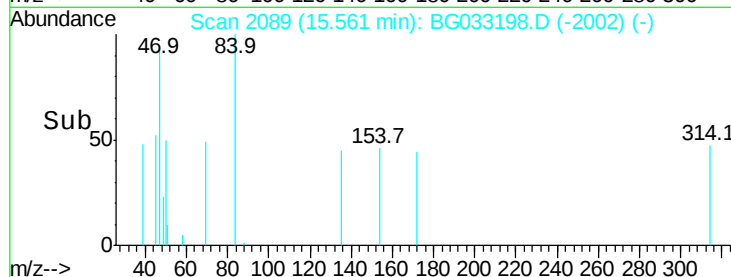
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

15.56

Time--> 15.54 15.56 15.58



#52

3-Nitroaniline

Concen: 59.868 ng

RT: 15.24 min Scan# 2035

Delta R.T. -0.17 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

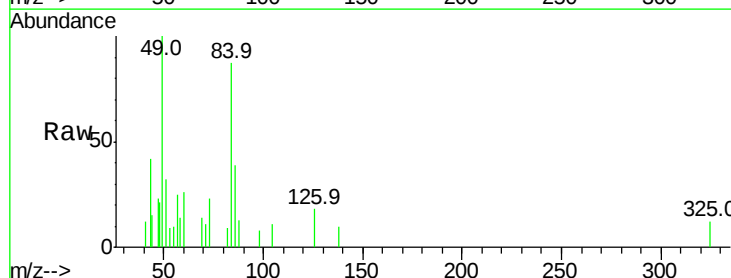
Tgt Ion:138 Resp: 68

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

92 0.0 105.8 158.8#



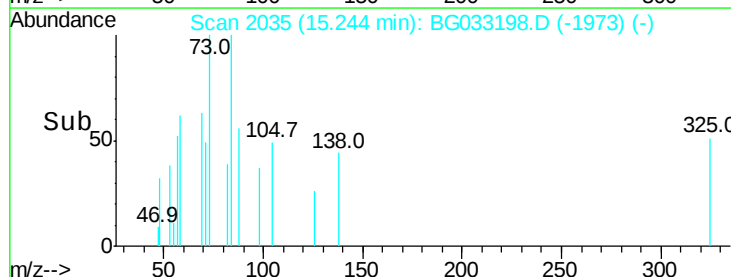
Abundance Ion 138.00 (137.70 to 138.70): E

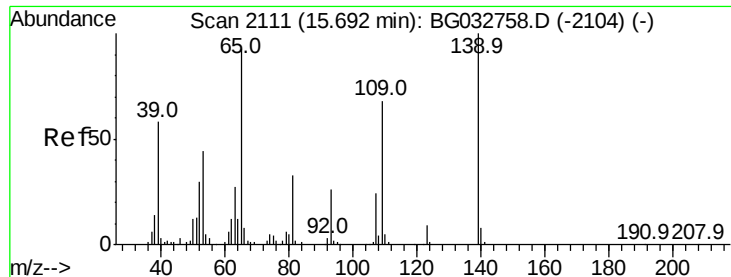
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

15.24

Time--> 15.24 15.26





#55

4-Nitrophenol

Concen: 79.918 ng

RT: 15.73 min Scan# 2118

Delta R.T. 0.04 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8RE

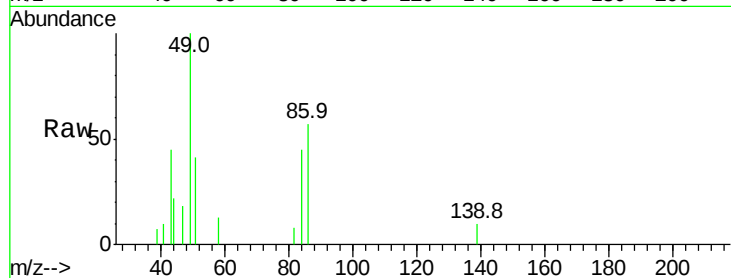
Tot Ion:139 Resp: 70

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

65 0.0 97.2 137.2#

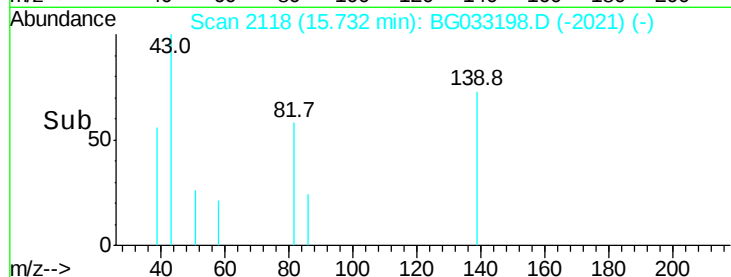


Abundance Ion 139.00 (138.70 to 139.70): E

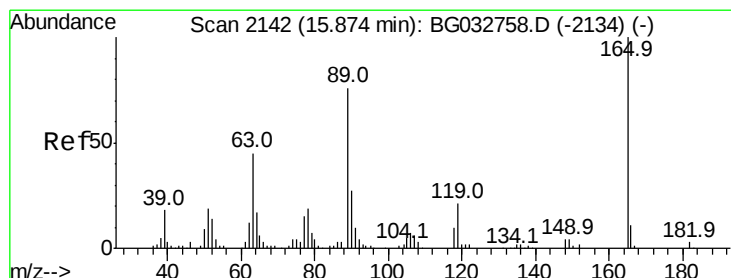
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

15.73



Time-->



#56

2,4-Dinitrotoluene

Concen: 63.019 ng

RT: 16.17 min Scan# 2193

Delta R.T. 0.32 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

Tgt Ion:165 Resp: 71

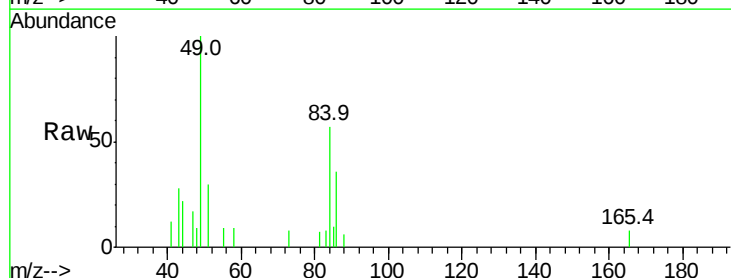
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#



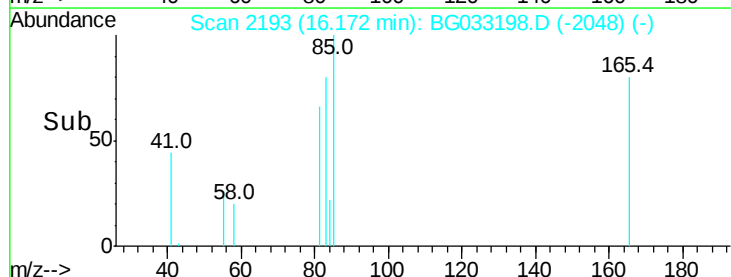
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

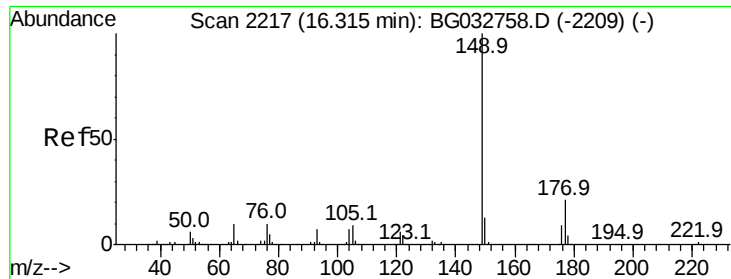
Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E

16.17



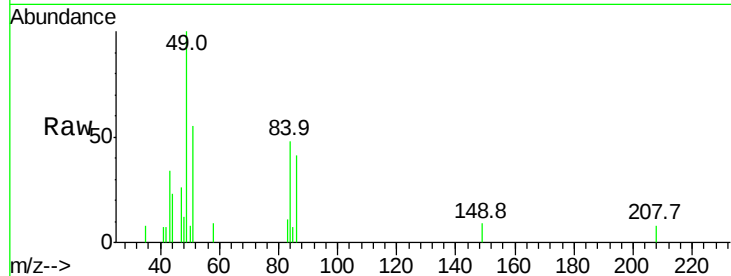
Time-->



#59
Diethylphthalate
Concen: 12.229 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.59 min
Lab File: BG033198.D
Acq: 16 Mar 2018 14:10

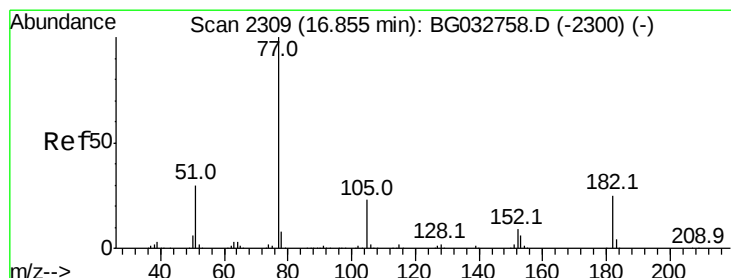
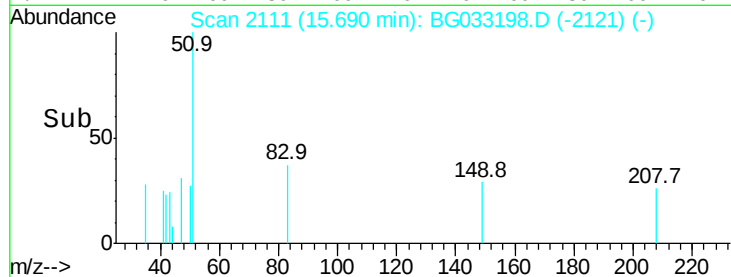
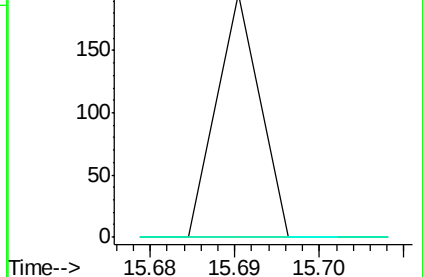
Instrument :
BNA_G
ClientSampleId :
OILY-DEBRIS-M8RE

Tot Ion:149 Resp: 69
Ion Ratio Lower Upper
149 100
177 0.0 18.5 27.7#
150 0.0 10.2 15.2#



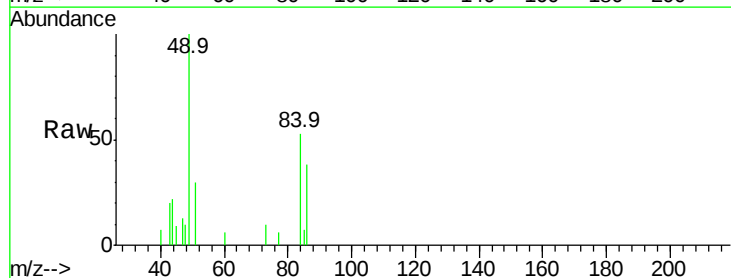
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

15.69



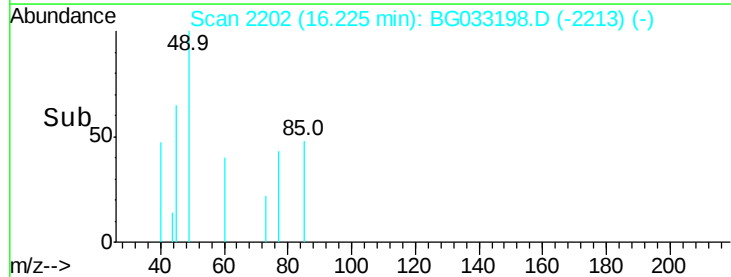
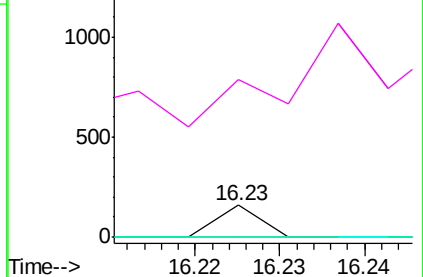
#62
Azobenzene
Concen: 11.095 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.60 min
Lab File: BG033198.D
Acq: 16 Mar 2018 14:10

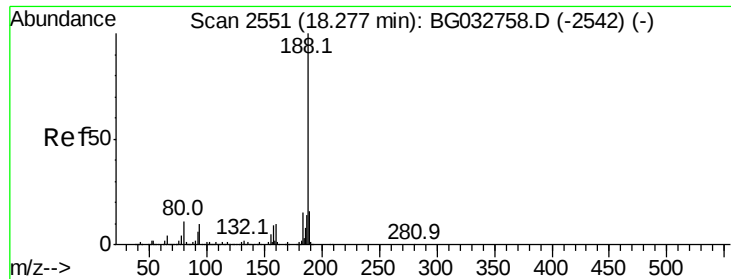
Tgt Ion: 77 Resp: 56
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 0.0 0.3 40.3#
51 497.5 11.6 51.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

16.23





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2547

Delta R.T. 0.00 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8RE

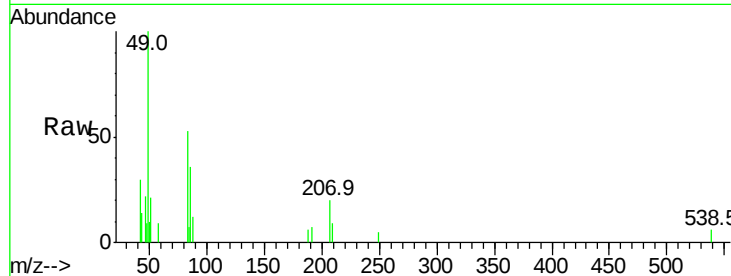
Tot Ion:188 Resp: 57

Ion Ratio Lower Upper

188 100

94 0.0 6.9 10.3#

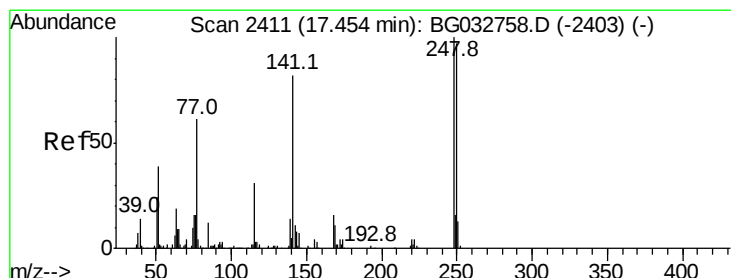
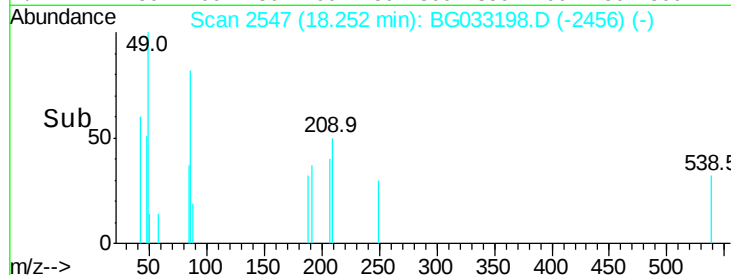
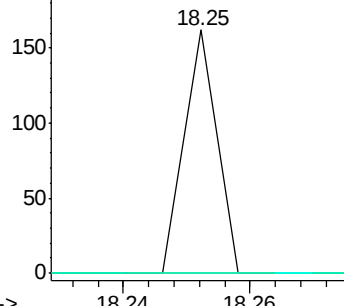
80 0.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#66

4-Bromophenyl-phenylether

Concen: 121.119 ng

RT: 17.24 min Scan# 2374

Delta R.T. -0.19 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

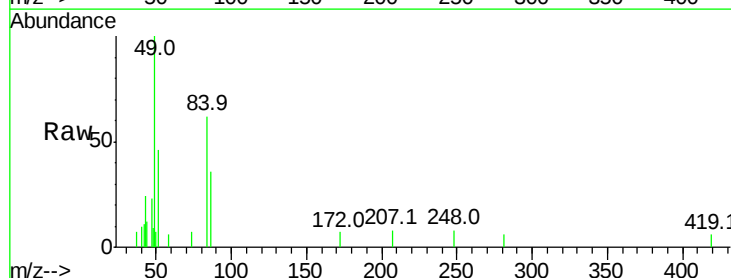
Tgt Ion:248 Resp: 73

Ion Ratio Lower Upper

248 100

250 0.0 77.1 115.7#

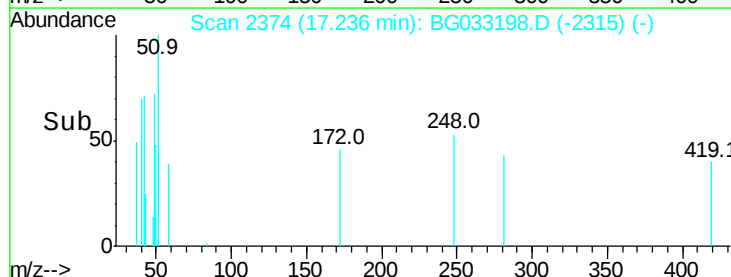
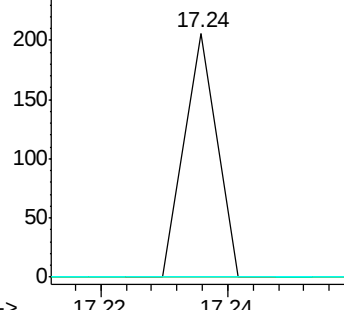
141 0.0 50.8 76.2#

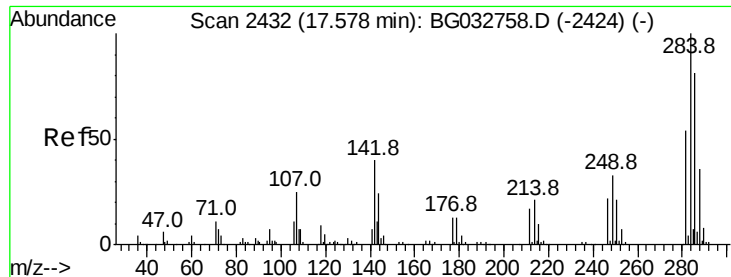


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 147.391 ng

RT: 17.53 min Scan# 2424

Delta R.T. -0.02 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8RE

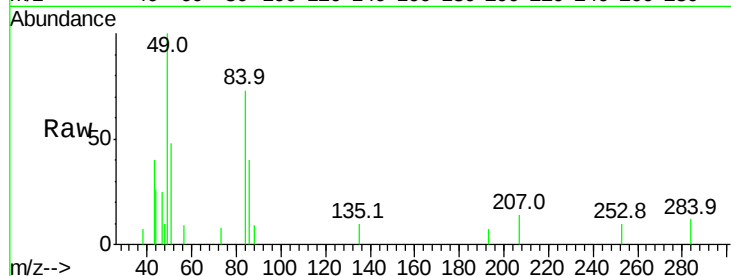
Tot Ion:284 Resp: 96

Ion Ratio Lower Upper

284 100

142 0.0 26.8 40.2#

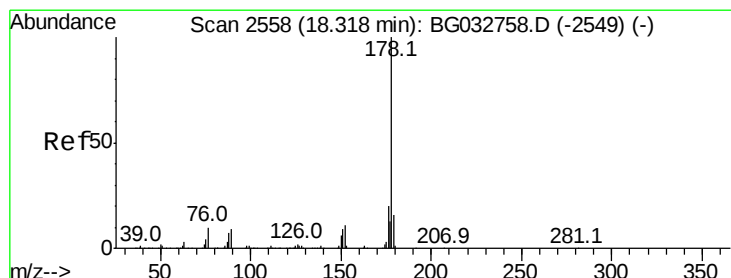
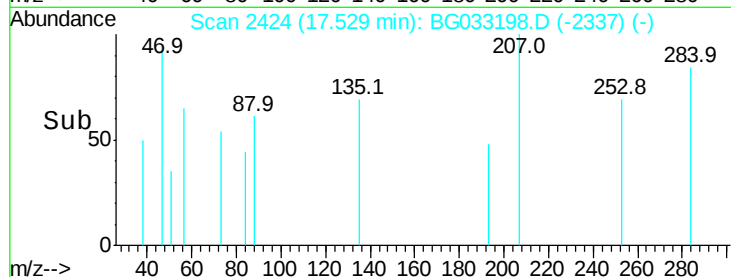
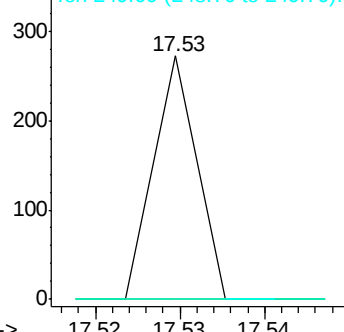
249 0.0 26.3 39.5#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#70

Phenanthrene

Concen: 17.610 ng

RT: 17.98 min Scan# 2501

Delta R.T. -0.31 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

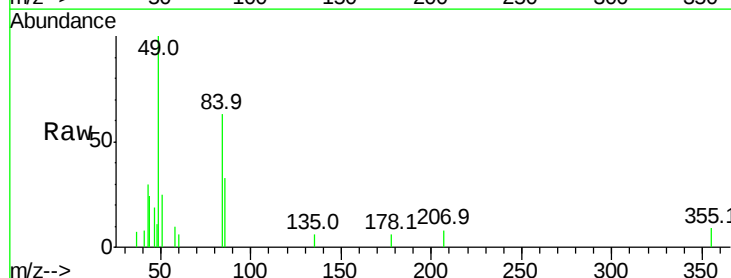
Tgt Ion:178 Resp: 56

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

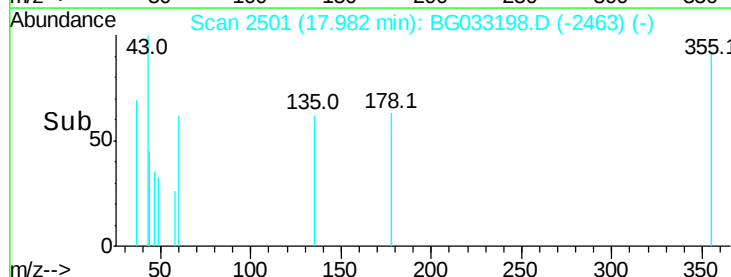
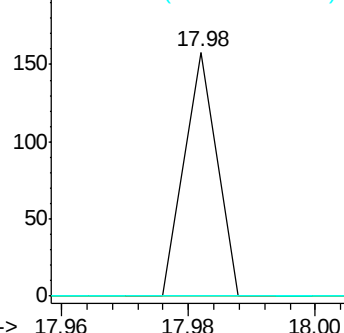
179 0.0 12.5 18.7#

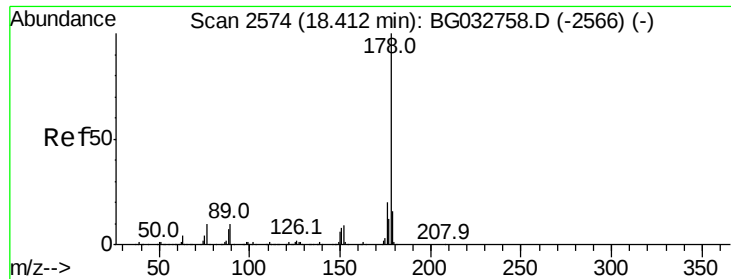


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

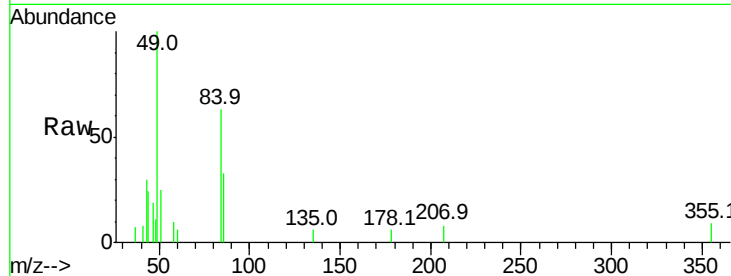




#71
 Anthracene
 Concen: 17.541 ng
 RT: 17.98 min Scan# 2501
 Delta R.T. -0.40 min
 Lab File: BG033198.D
 Acq: 16 Mar 2018 14:10

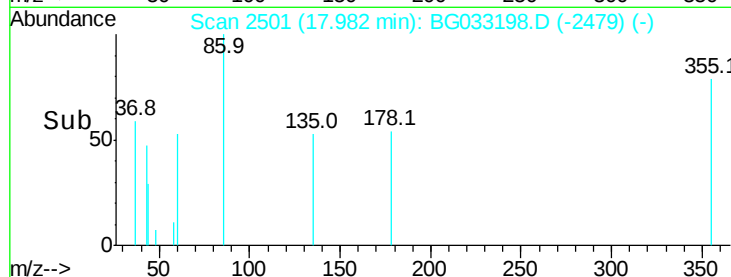
Instrument :
 BNA_G
 ClientSampleId :
 OILY-DEBRIS-M8RE

Tot Ion:178 Resp: 56
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.0 24.0#
 179 0.0 12.5 18.7#

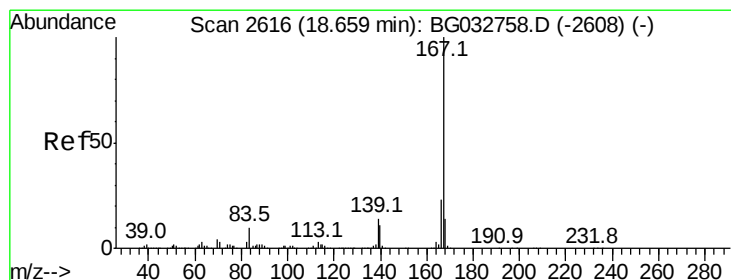


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

17.98

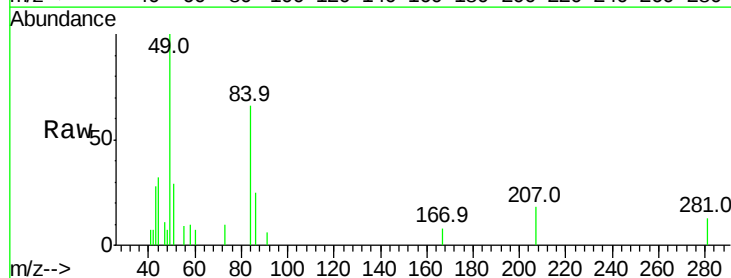


Time--> 17.96 17.98 18.00



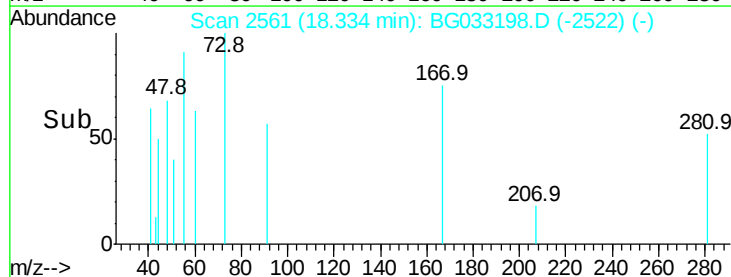
#72
 Carbazole
 Concen: 22.245 ng
 RT: 18.33 min Scan# 2561
 Delta R.T. -0.30 min
 Lab File: BG033198.D
 Acq: 16 Mar 2018 14:10

Tgt Ion:167 Resp: 70
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.4#
 139 0.0 9.4 14.2#

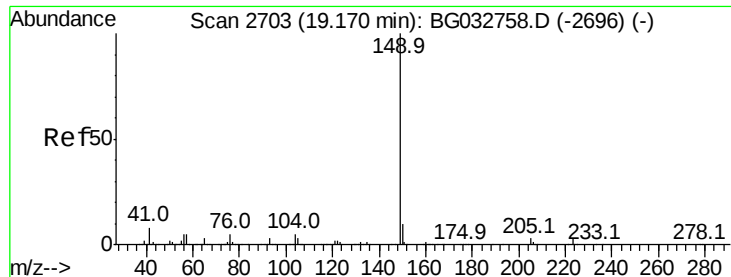


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

18.33



Time--> 18.32 18.34



#73

Di-n-butylphthalate

Concen: 30.048 ng

RT: 19.13 min Scan# 2696

Delta R.T. -0.00 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8RE

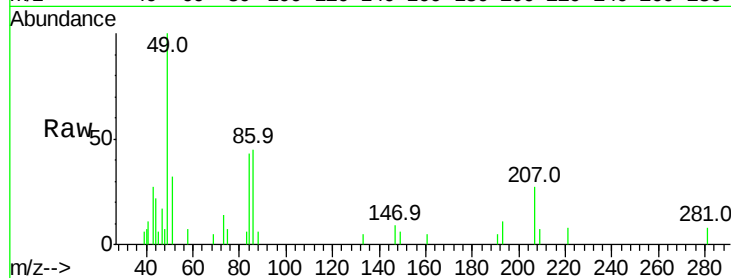
Tot Ion:149 Resp: 116

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

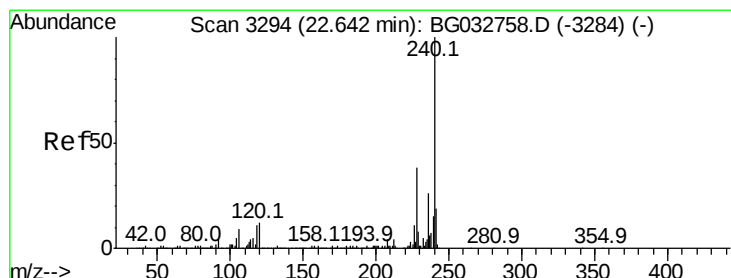
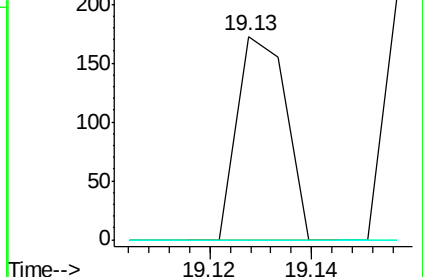
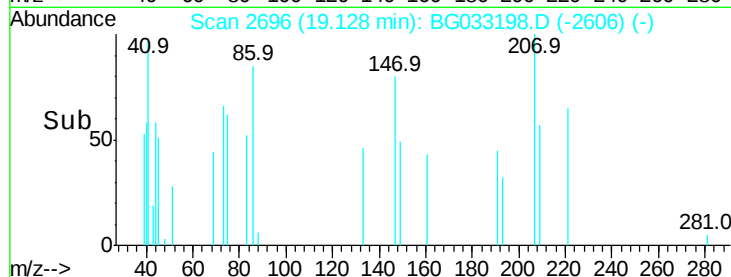
104 0.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.58 min Scan# 3284

Delta R.T. -0.03 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

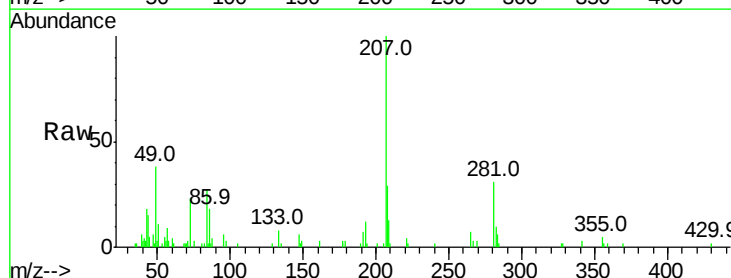
Tgt Ion:240 Resp: 125

Ion Ratio Lower Upper

240 100

120 0.0 6.8 10.2#

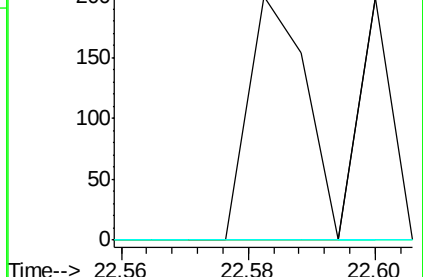
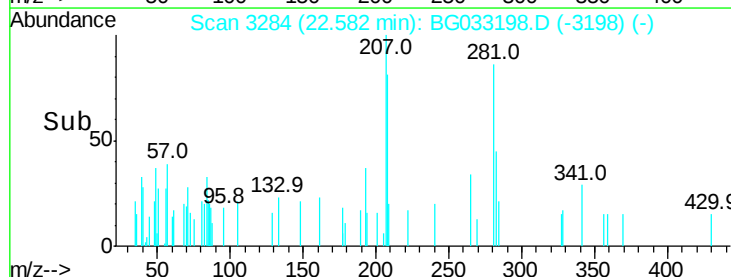
236 0.0 20.9 31.3#

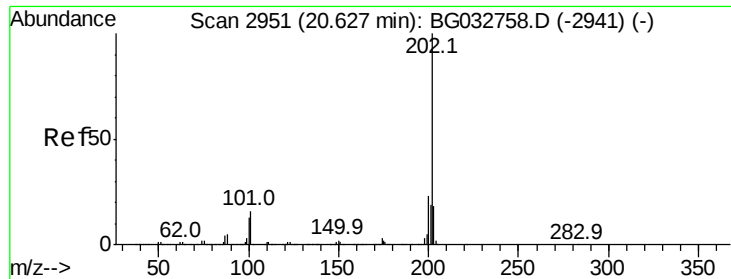


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

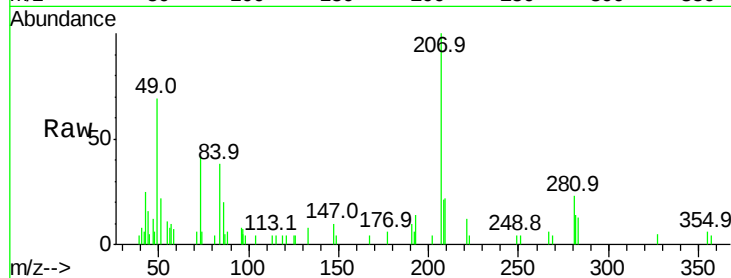




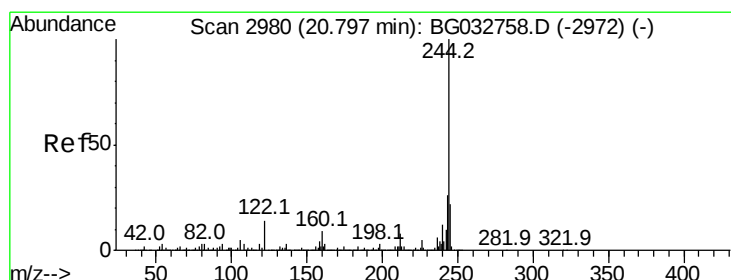
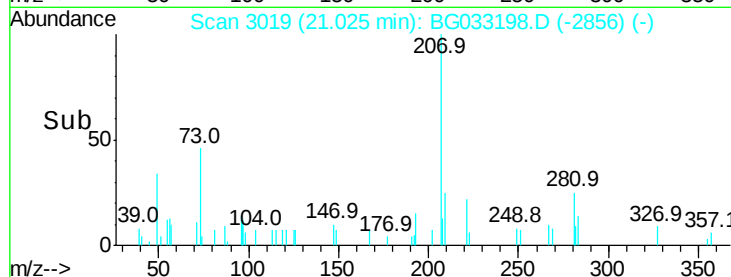
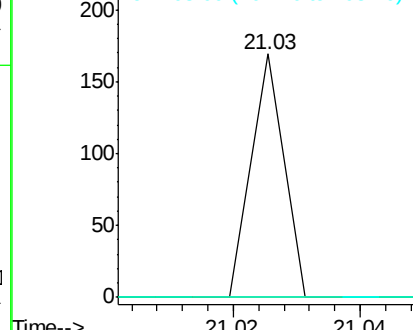
#77
Pvrene
Concen: 6.807 ng
RT: 21.03 min Scan# 3019
Delta R.T. 0.43 min
Lab File: BG033198.D
Acq: 16 Mar 2018 14:10

Instrument :
BNA_G
ClientSampleId :
OILY-DEBRIS-M8RE

Tot Ion:202 Resp: 60
Ion Ratio Lower Upper
202 100
200 0.0 16.9 25.3#
203 0.0 13.9 20.9#

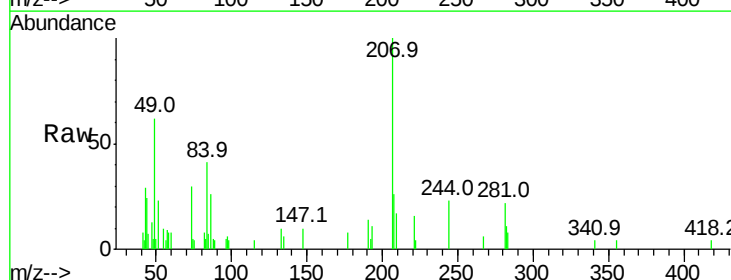


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

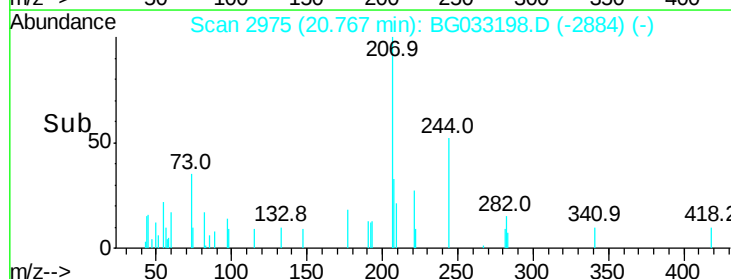
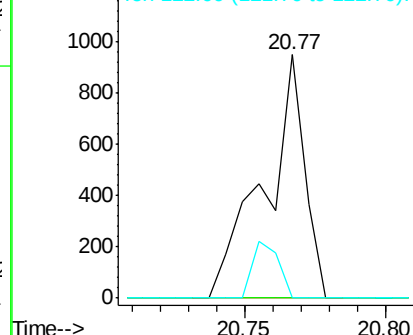


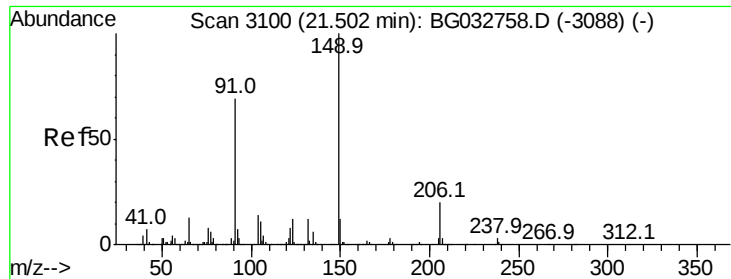
#78
Terphenyl-d14
Concen: 167.876 ng
RT: 20.77 min Scan# 2975
Delta R.T. 0.00 min
Lab File: BG033198.D
Acq: 16 Mar 2018 14:10

Tgt Ion:244 Resp: 934
Ion Ratio Lower Upper
244 100
212 0.0 5.8 8.8#
122 0.0 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

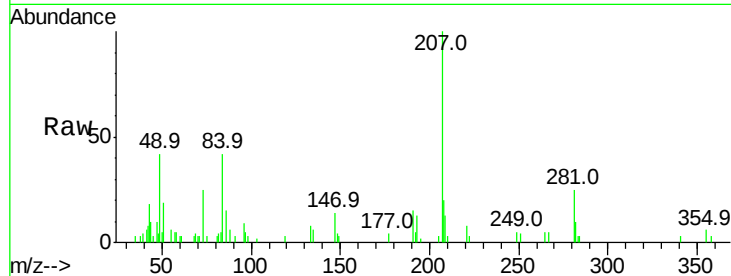




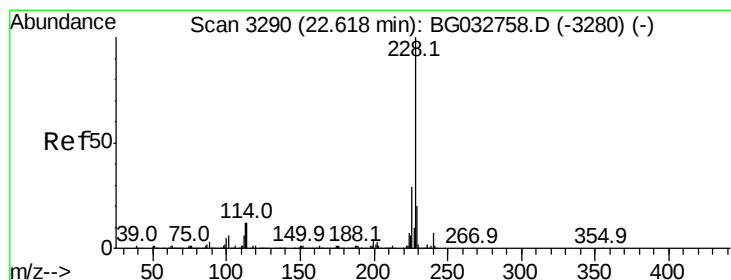
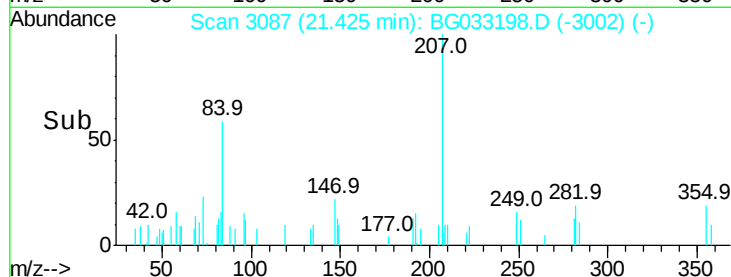
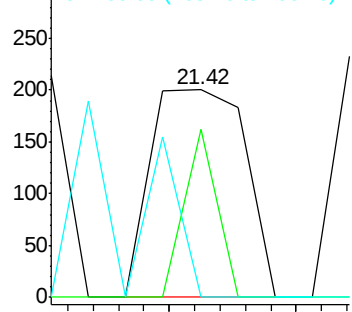
#79
Butylbenzylphthalate
Concen: 52.452 ng
RT: 21.42 min Scan# 3087
Delta R.T. -0.03 min
Lab File: BG033198.D
Acq: 16 Mar 2018 14:10

Instrument :
BNA_G
ClientSampleId :
OILY-DEBRIS-M8RE

Tot Ion:149 Resp: 205
Ion Ratio Lower Upper
149 100
91 81.0 62.2 93.2
206 0.0 18.6 27.8#

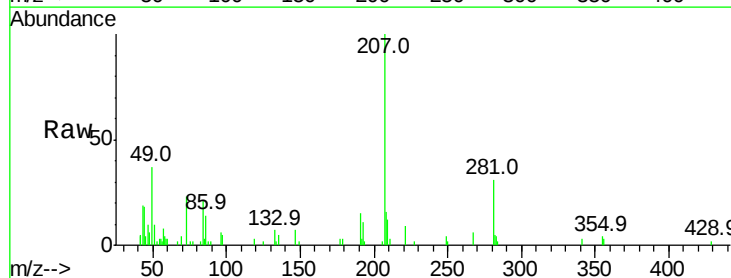


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BGC
Ion 206.00 (205.70 to 206.70): E

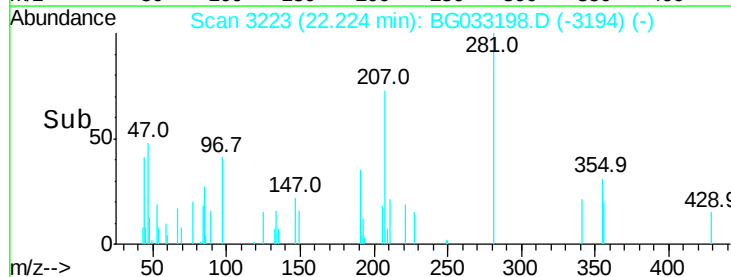
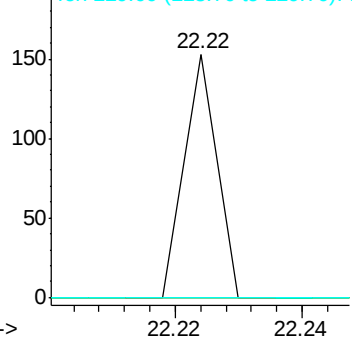


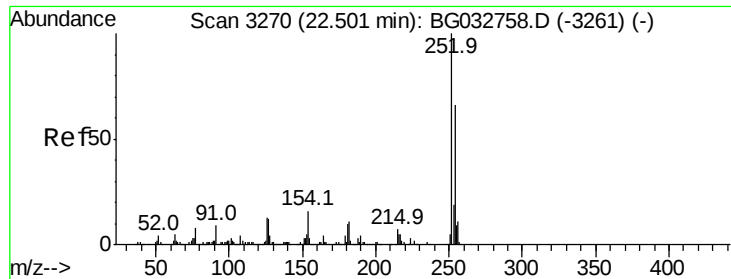
#80
Benzo(a)anthracene
Concen: 6.737 ng
RT: 22.22 min Scan# 3223
Delta R.T. -0.36 min
Lab File: BG033198.D
Acq: 16 Mar 2018 14:10

Tgt Ion:228 Resp: 54
Ion Ratio Lower Upper
228 100
226 0.0 22.7 34.1#
229 0.0 16.2 24.2#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

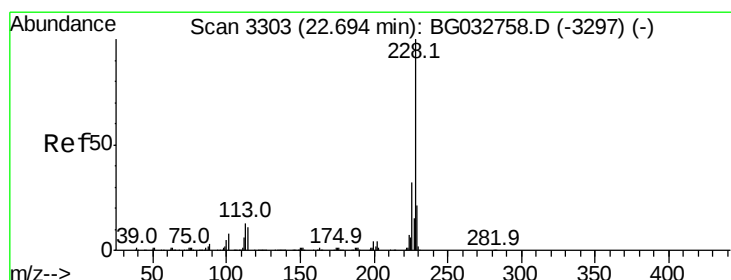
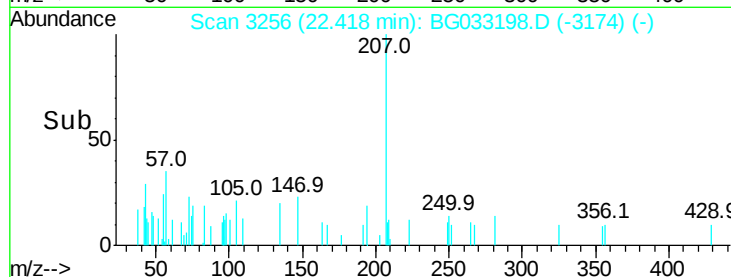
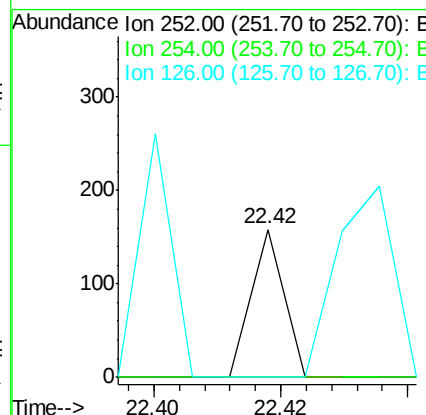
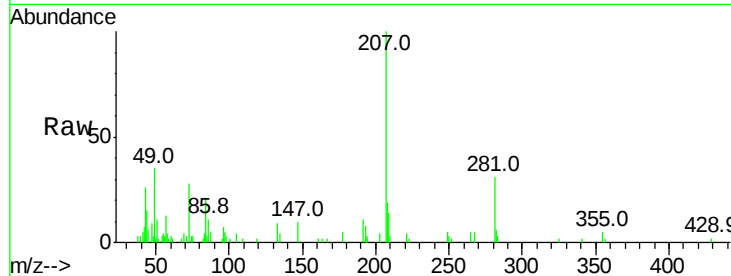




#81
 3,3'-Dichlorobenzidine
 Concen: 18.863 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. -0.05 min
 Lab File: BG033198.D
 Acq: 16 Mar 2018 14:10

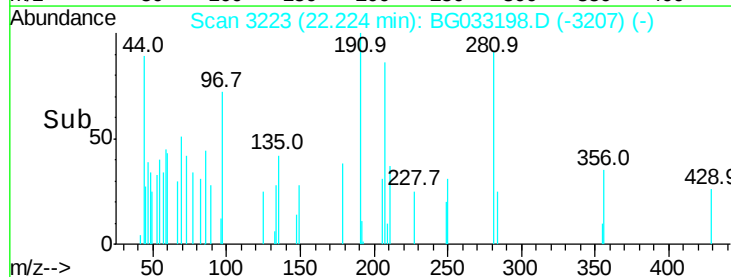
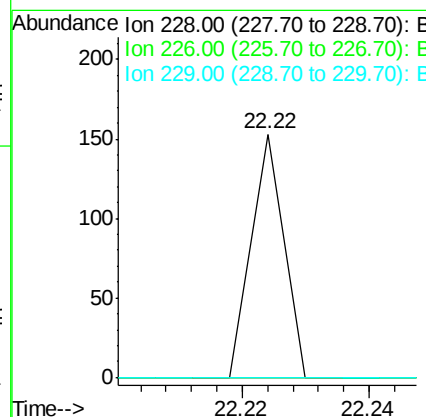
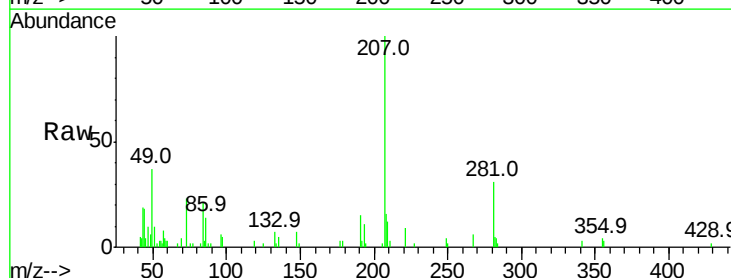
Instrument :
 BNA_G
 ClientSampleId :
 OILY-DEBRIS-M8RE

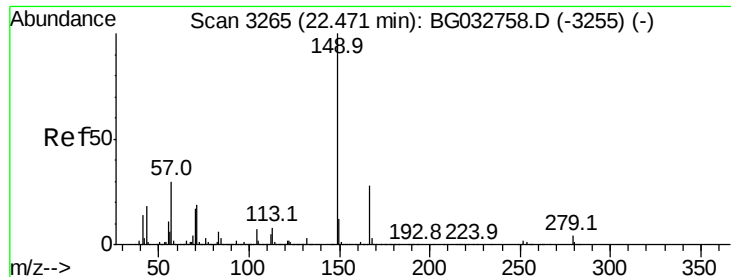
Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.8	76.2#
126	0.0	7.4	11.2#



#82
 Chrysene
 Concen: 7.052 ng
 RT: 22.22 min Scan# 3223
 Delta R.T. -0.44 min
 Lab File: BG033198.D
 Acq: 16 Mar 2018 14:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.0	22.4#





#83

Bis(2-ethylhexyl)phthalate

Concen: 18.150 ng

RT: 22.39 min Scan# 3251

Delta R.T. -0.01 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8RE

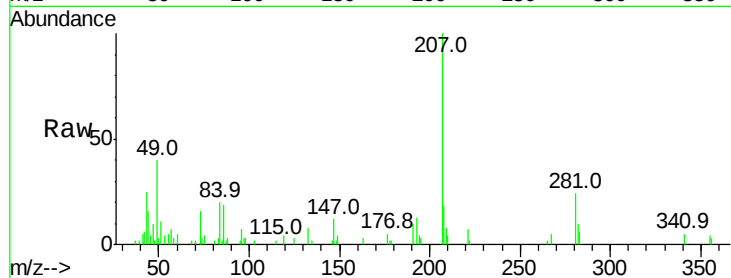
Tot Ion:149 Resp: 105

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

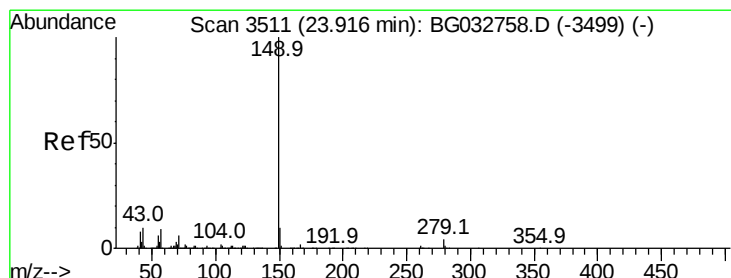
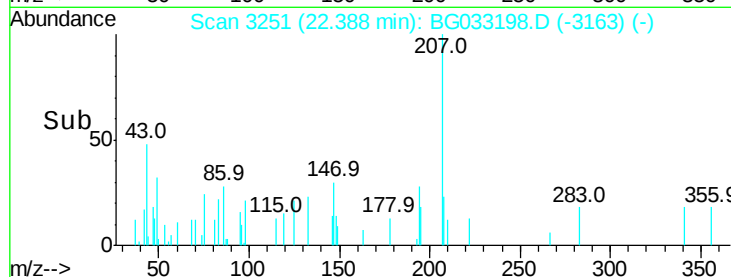
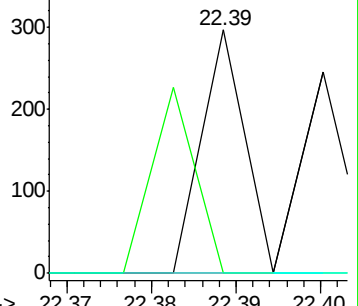
279 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 26.310 ng

RT: 23.78 min Scan# 3488

Delta R.T. -0.04 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

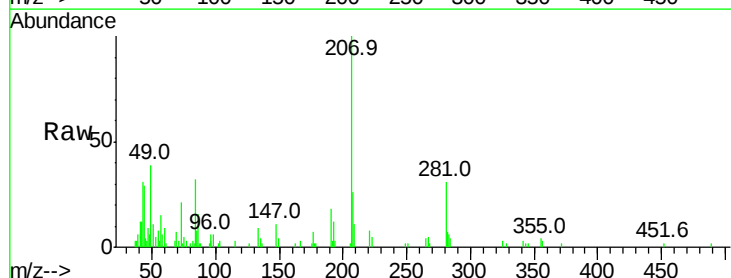
Tgt Ion:149 Resp: 232

Ion Ratio Lower Upper

149 100

167 56.5 1.4 2.0#

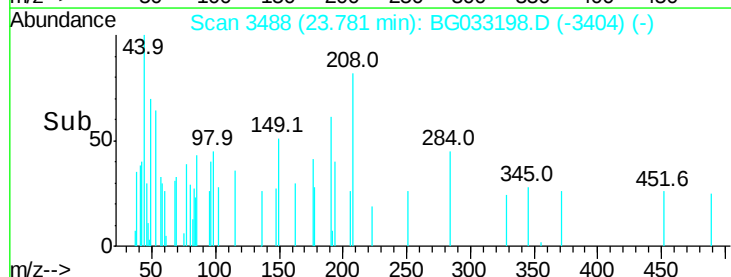
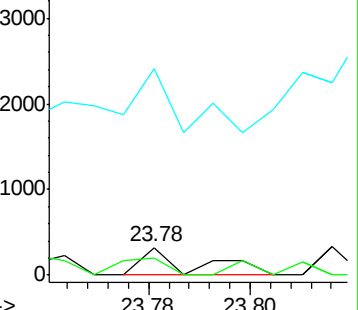
43 0.0 8.9 13.3#

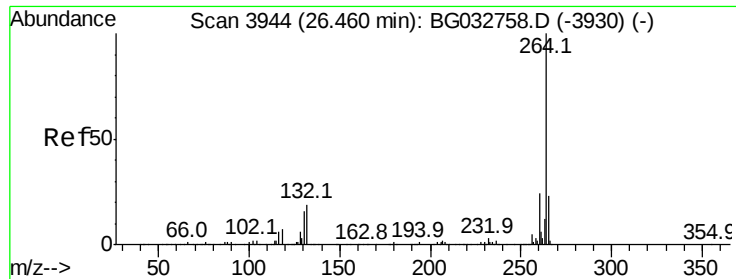


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.60 min Scan# 3968

Delta R.T. 0.19 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8RE

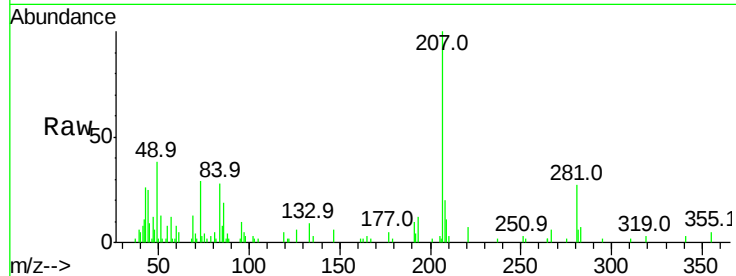
Tot Ion:264 Resp: 68

Ion Ratio Lower Upper

264 100

260 0.0 17.4 26.0#

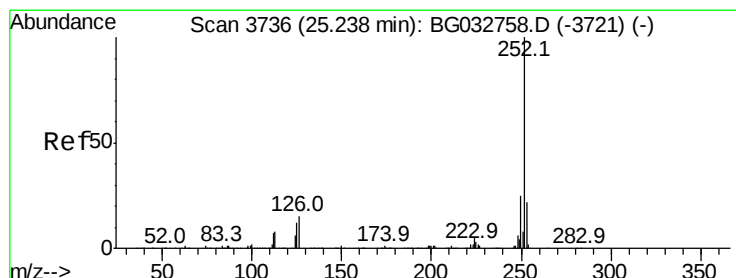
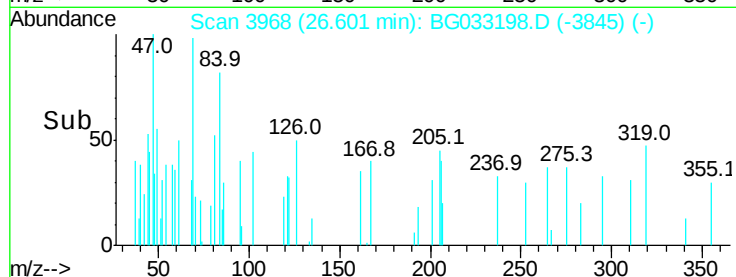
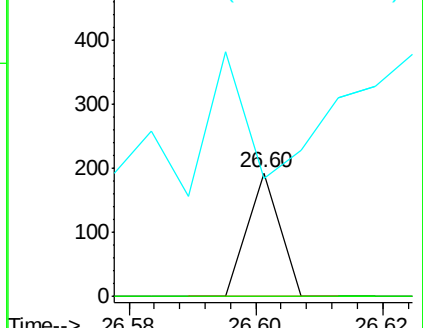
265 95.3 17.7 26.5#



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



#87

Benzo(b)fluoranthene

Concen: 14.923 ng

RT: 25.40 min Scan# 3763

Delta R.T. 0.21 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

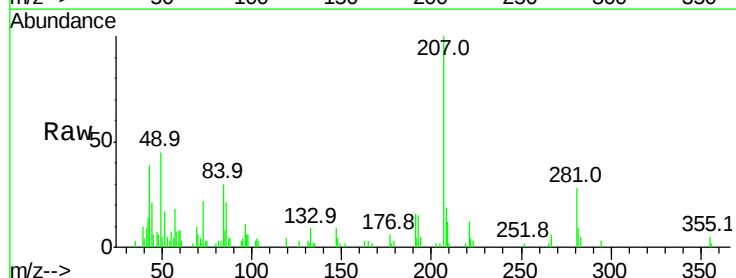
Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

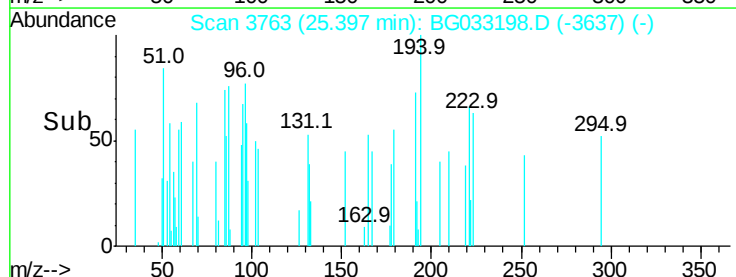
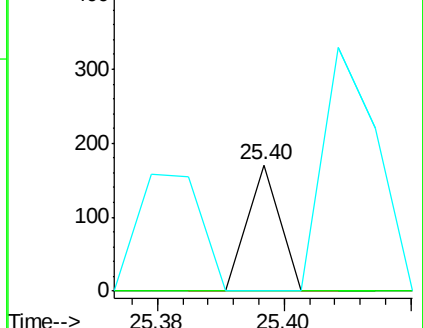
125 0.0 7.2 10.8#

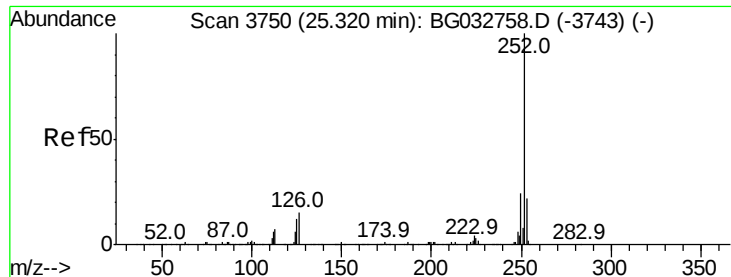


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

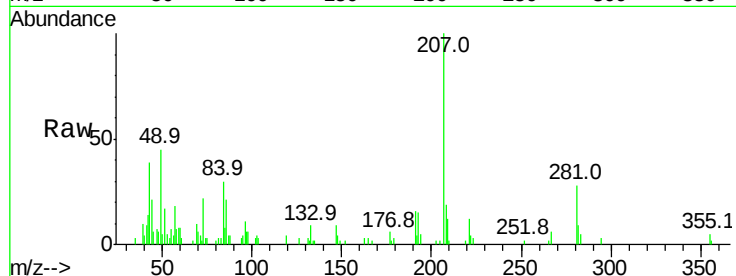




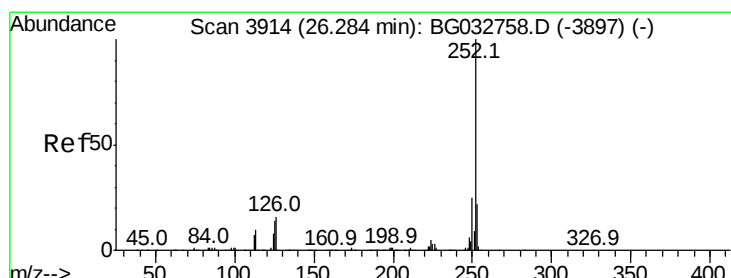
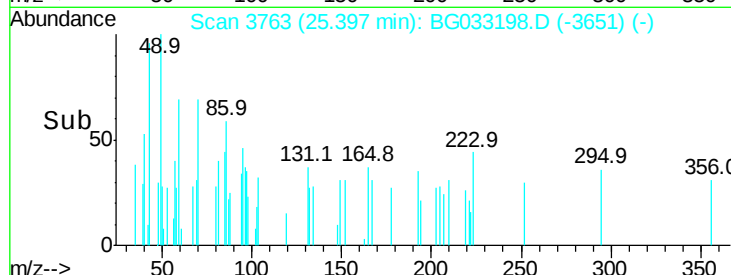
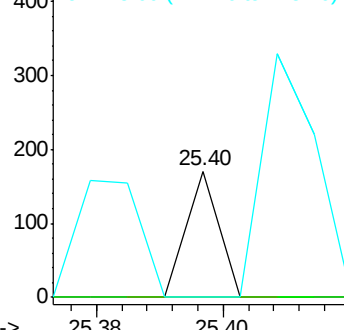
#88
Benzo(k)fluoranthene
Concen: 15.016 ng
RT: 25.40 min Scan# 3763
Delta R.T. 0.13 min
Lab File: BG033198.D
Acq: 16 Mar 2018 14:10

Instrument :
BNA_G
ClientSampleId :
OILY-DEBRIS-M8RE

Tot Ion:252 Resp: 60
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 0.0 6.6 9.8#

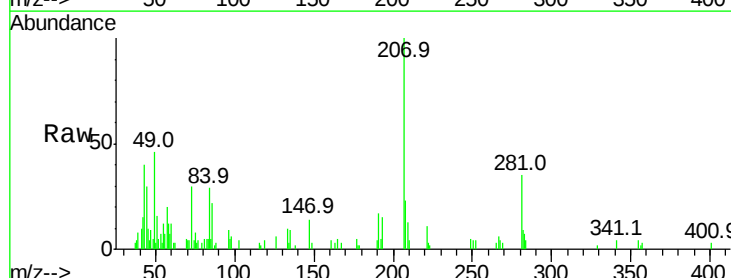


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

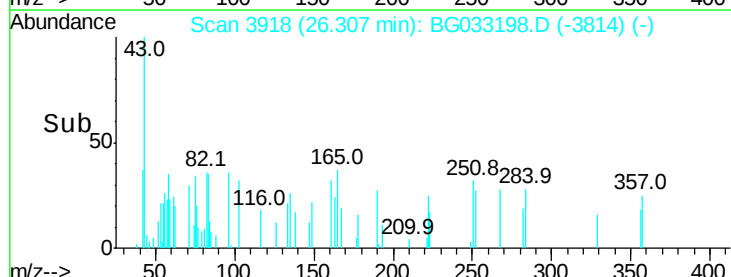
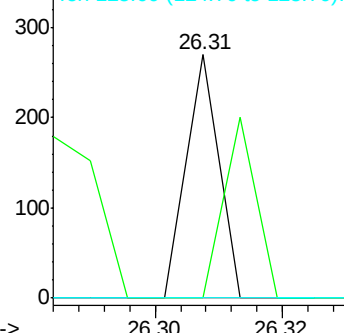


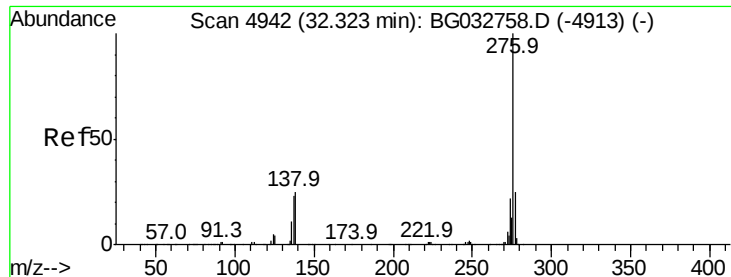
#89
Benzo(a)pyrene
Concen: 24.842 ng
RT: 26.31 min Scan# 3918
Delta R.T. 0.08 min
Lab File: BG033198.D
Acq: 16 Mar 2018 14:10

Tgt Ion:252 Resp: 95
Ion Ratio Lower Upper
252 100
253 0.0 18.3 27.5#
125 0.0 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a,h,i)perylene

Concen: 15.549 ng

RT: 31.97 min Scan# 4881

Delta R.T. -0.27 min

Lab File: BG033198.D

Acq: 16 Mar 2018 14:10

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8RE

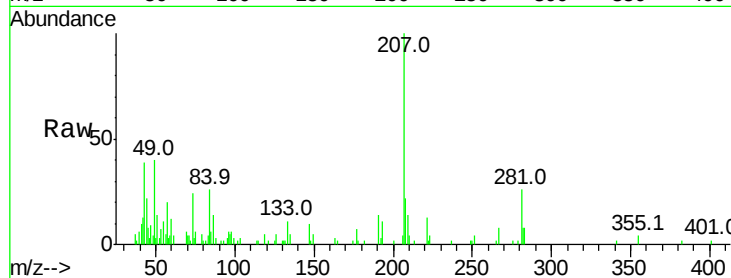
Tot Ion: 276 Resp: 59

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

