

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033202.D
 Acq On : 16 Mar 2018 16:45
 Operator : SJ/JU
 Sample : J1926-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-DEBRIS-RBR200029

Quant Time: Mar 17 05:19:59 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	38281	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	145171	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	107483	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	313570	20.00	ng	0.00
75) Chrysene-d12	22.60	240	338298	20.00	ng	0.00
86) Perylene-d12	26.41	264	361029	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	265080	110.78	ng	0.00
7) Phenol-d6	8.00	99	372244	111.61	ng	-0.01
23) Nitrobenzene-d5	10.10	82	288122	131.58	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	232548	205.77	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	640972	86.01	ng	0.00
78) Terphenyl-d14	20.76	244	1378142	91.53	ng	0.00

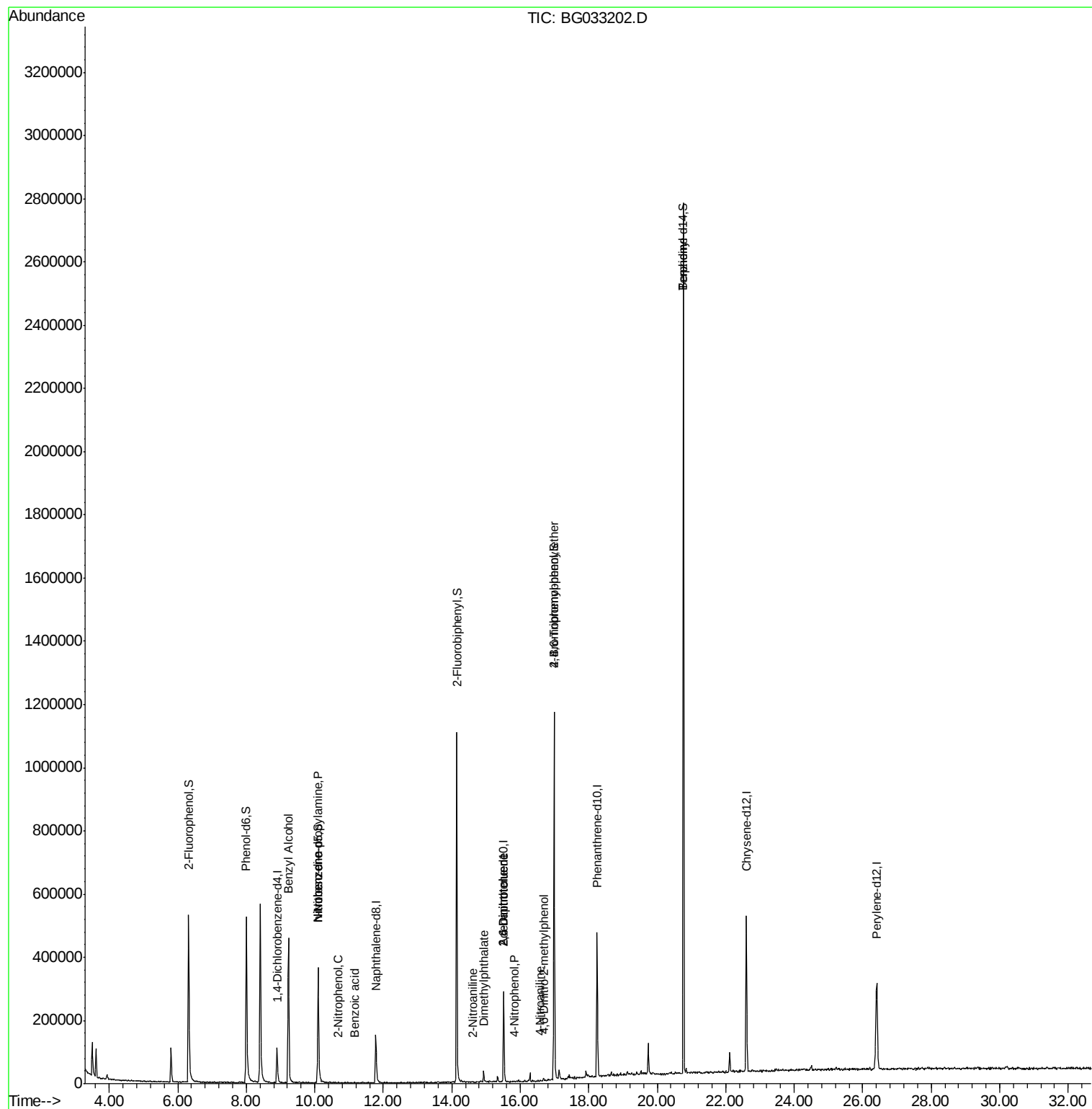
Target Compounds				Qvalue		
15) Benzyl Alcohol	9.23	79	5480	2.235	ng	# 46
19) n-Nitroso-di-n-propylamine	10.10	70	39143	16.624	ng	# 77
24) Nitrobenzene	10.09	77	941	6.733	ng	# 22
26) 2-Nitrophenol	10.69	139	75	5.536	ng	# 29
32) Benzoic acid	11.16	122	55	5.863	ng	# 1
47) 2-Nitroaniline	14.61	65	62	9.864	ng	# 9
49) Dimethylphthalate	14.93	163	23672	2.594	ng	# 95
50) 2,6-Dinitrotoluene	15.51	165	13424	16.138	ng	# 20
55) 4-Nitrophenol	15.83	139	105	7.145	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	13425	14.334	ng	# 18
61) 4-Nitroaniline	16.58	138	57	5.325	ng	# 12
64) 4,6-Dinitro-2-methylphenol	16.68	198	92	5.072	ng	# 73
66) 4-Bromophenyl-phenylether	16.99	248	17834	5.379	ng	# 1
76) Benzidine	20.76	184	23280	2.019	ng	# 93

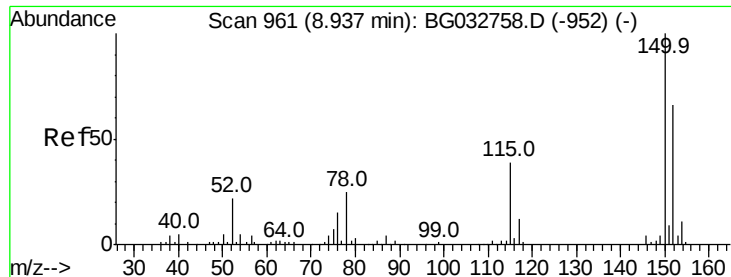
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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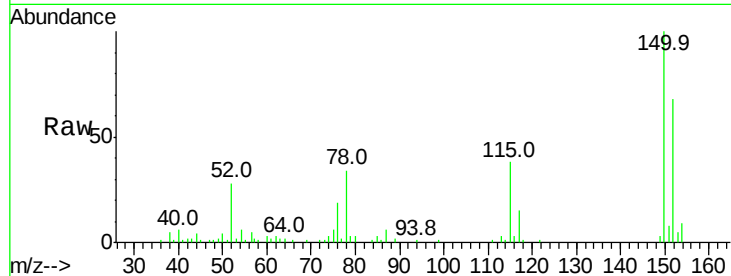


#1

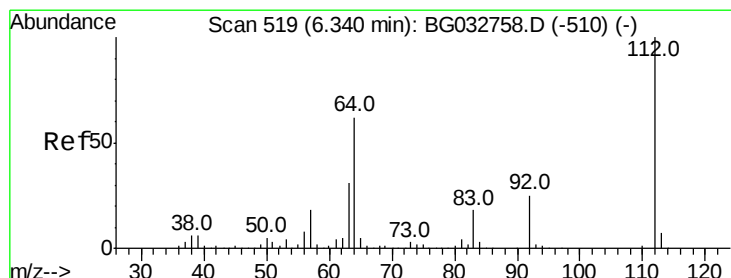
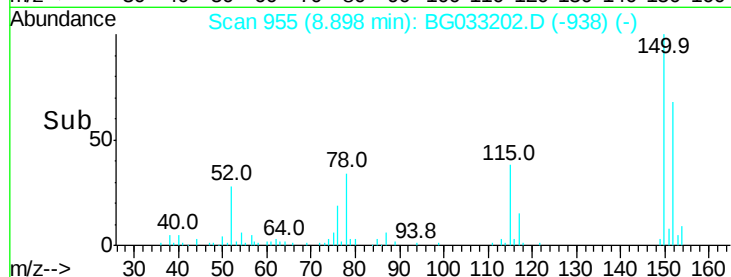
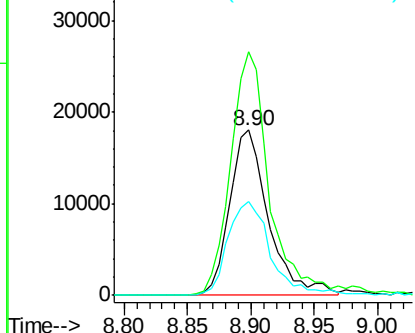
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033202.D
Acq: 16 Mar 2018 16:45

Instrument :
BNA_G
ClientSampleId :
OILY-DEBRIS-RBR200029

Tot Ion:152 Resp: 38281
Ion Ratio Lower Upper
152 100
150 147.2 126.6 189.8
115 56.5 53.0 79.4



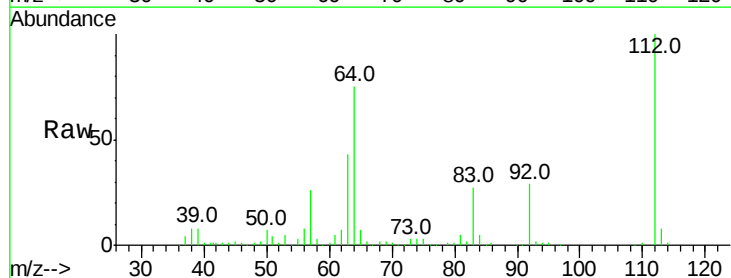
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



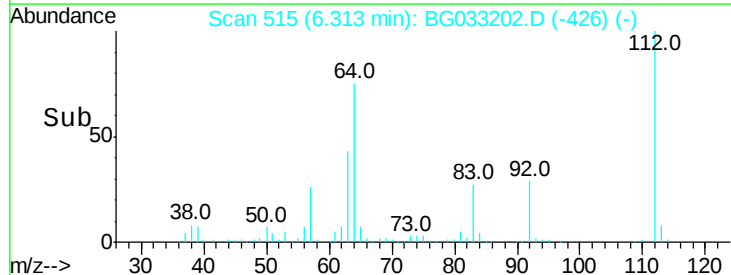
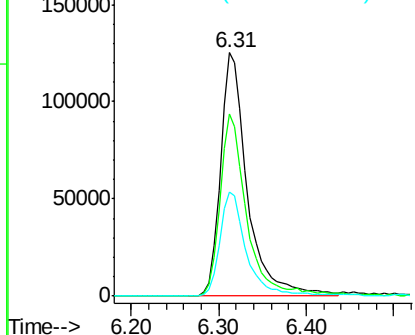
#5

2-Fluorophenol
Concen: 110.783 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.01 min
Lab File: BG033202.D
Acq: 16 Mar 2018 16:45

Tgt Ion:112 Resp: 265080
Ion Ratio Lower Upper
112 100
64 74.6 56.3 84.5
63 42.5 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





#7

Phenol-d6

Concen: 111.611 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033202.D

Acq: 16 Mar 2018 16:45

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-RBR200029

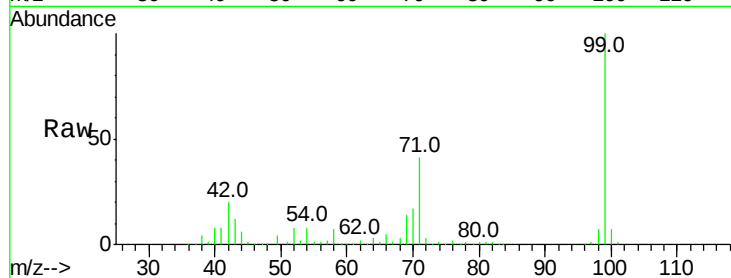
Tot Ion: 99 Resp: 372244

Ion Ratio Lower Upper

99 100

42 20.3 14.1 21.1

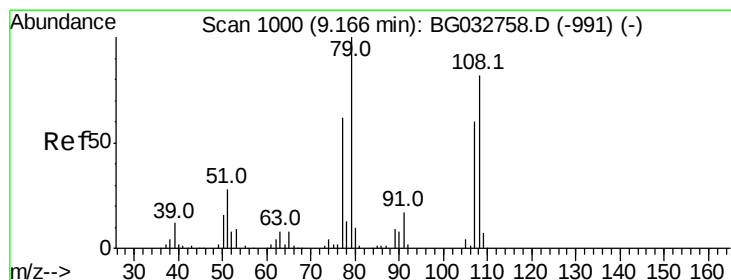
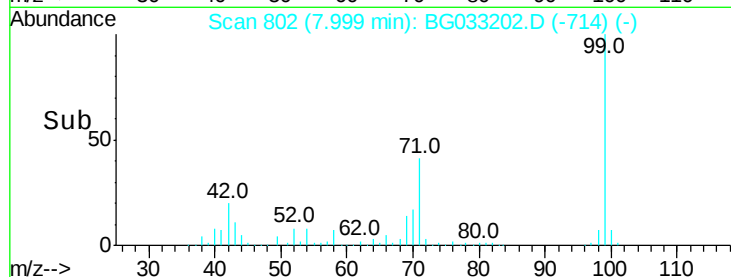
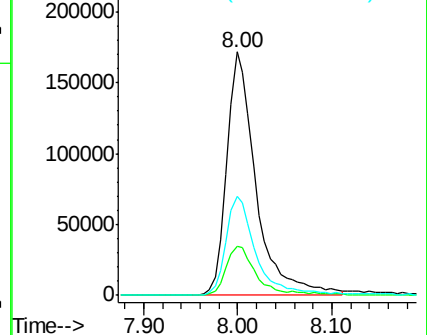
71 40.9 26.1 39.1#



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: 2.235 ng

RT: 9.23 min Scan# 1012

Delta R.T. 0.10 min

Lab File: BG033202.D

Acq: 16 Mar 2018 16:45

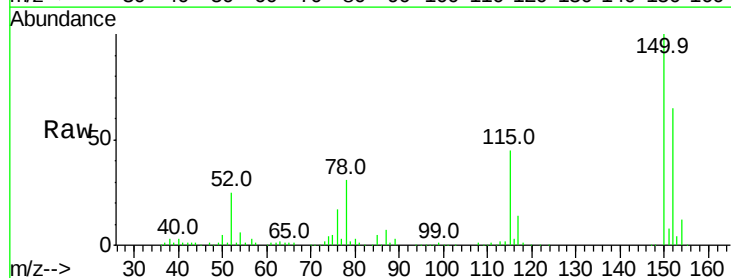
Tgt Ion: 79 Resp: 5480

Ion Ratio Lower Upper

79 100

108 39.2 57.2 85.8#

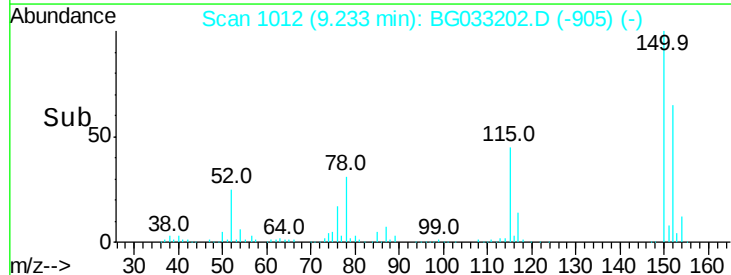
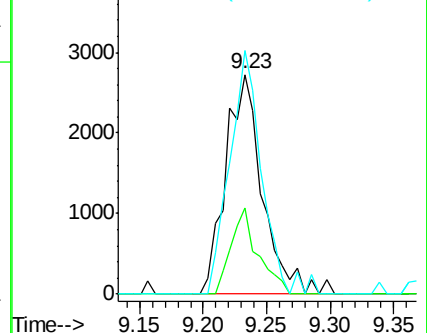
77 111.0 46.1 69.1#

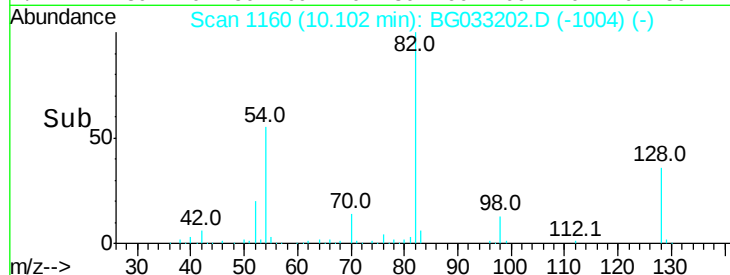
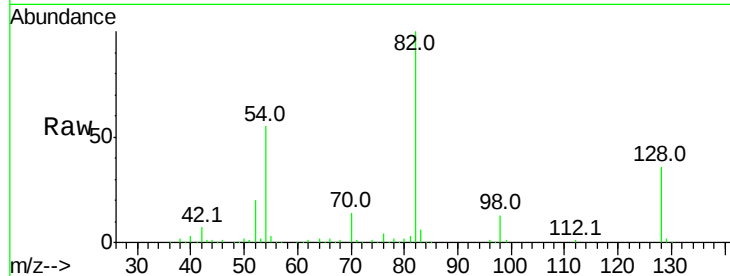
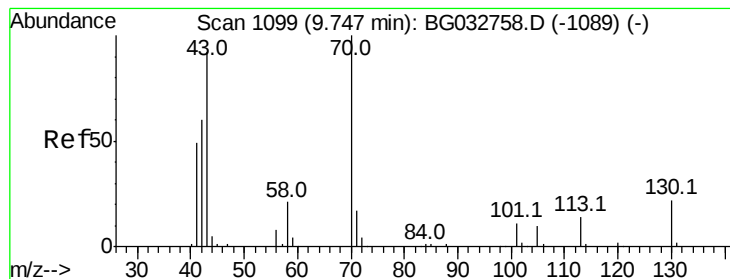


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

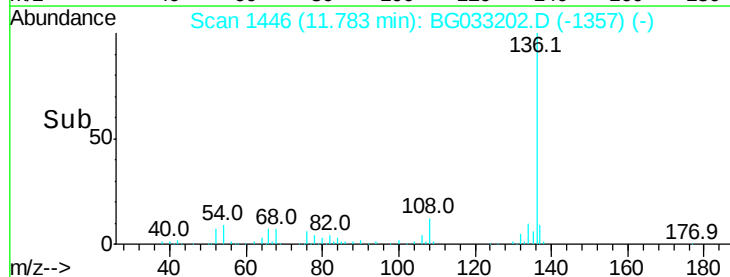
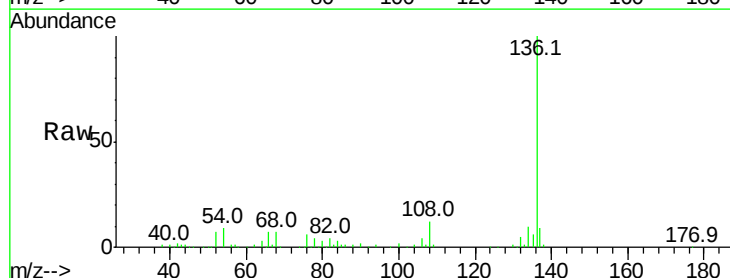
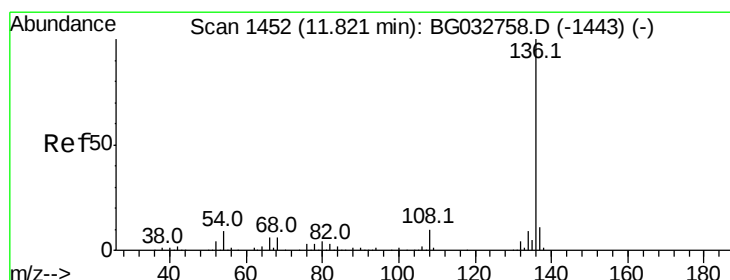
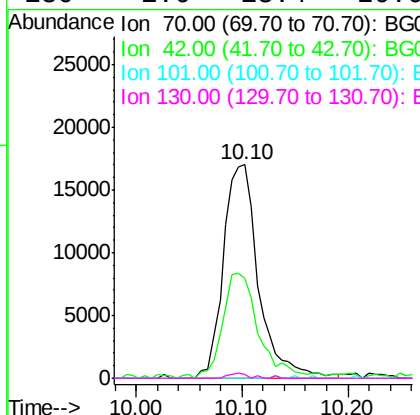




#19
n-Nitroso-di-n-propylamine
Concen: 16.624 ng
RT: 10.10 min Scan# 1160
Delta R.T. 0.39 min
Lab File: BG033202.D
Acq: 16 Mar 2018 16:45

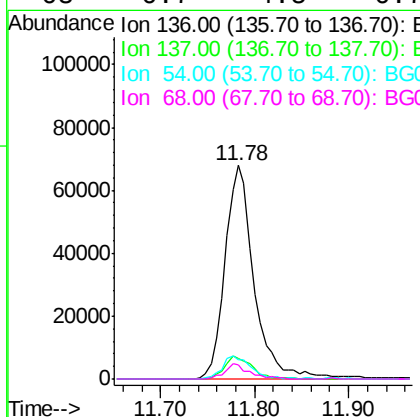
Instrument :
BNA_G
ClientSampleId :
OILY-DEBRIS-RBR200029

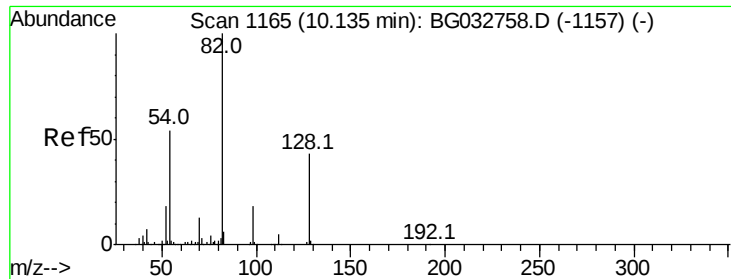
Tot Ion: 70 Resp: 39143
Ion Ratio Lower Upper
70 100
42 47.0 49.1 73.7#
101 0.0 8.5 12.7#
130 1.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BG033202.D
Acq: 16 Mar 2018 16:45

Tgt Ion: 136 Resp: 145171
Ion Ratio Lower Upper
136 100
137 9.5 9.2 13.8
54 8.9 10.3 15.5#
68 6.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 131.580 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG033202.D

Acq: 16 Mar 2018 16:45

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-RBR200029

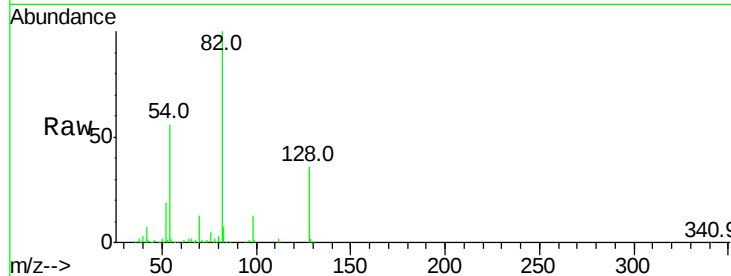
Tot Ion: 82 Resp: 288122

Ion Ratio Lower Upper

82 100

128 35.8 29.7 44.5

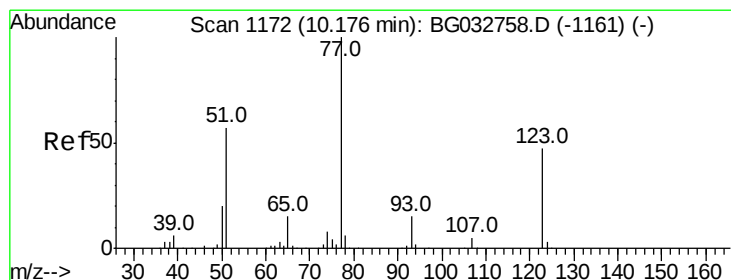
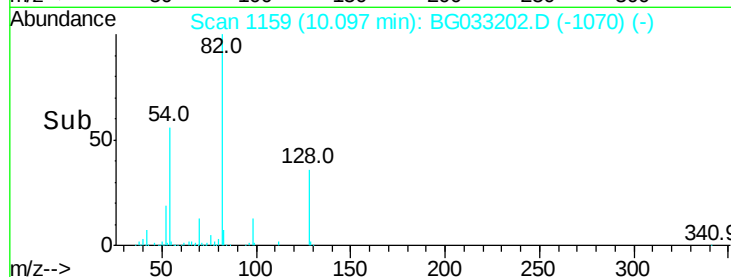
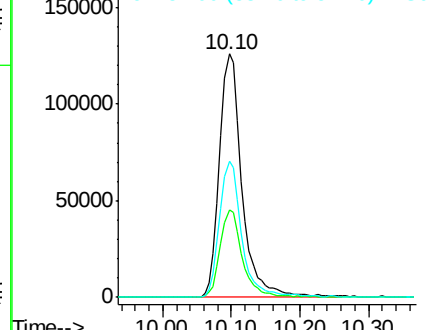
54 55.8 43.1 64.7



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



#24

Nitrobenzene

Concen: 6.733 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.05 min

Lab File: BG033202.D

Acq: 16 Mar 2018 16:45

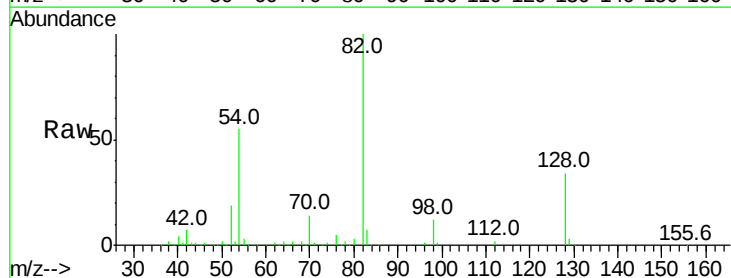
Tgt Ion: 77 Resp: 941

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

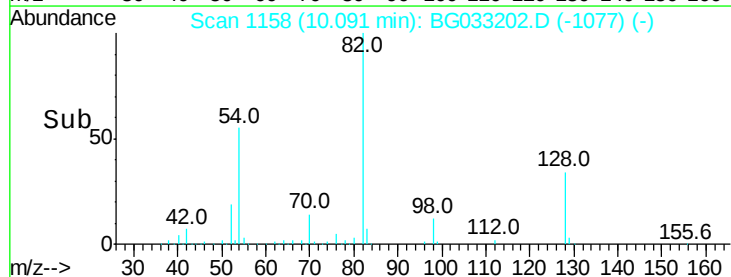
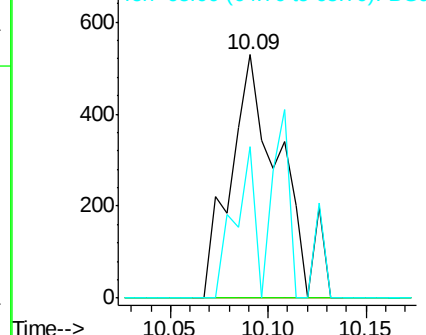
65 62.2 13.0 19.6#

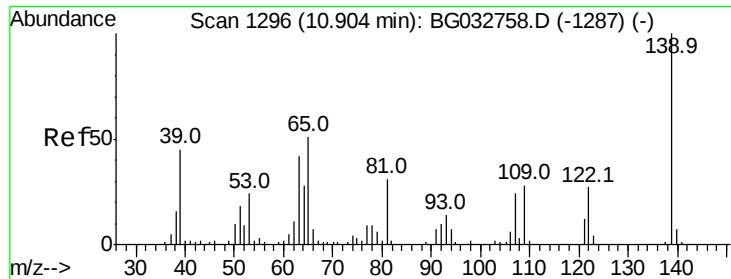


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

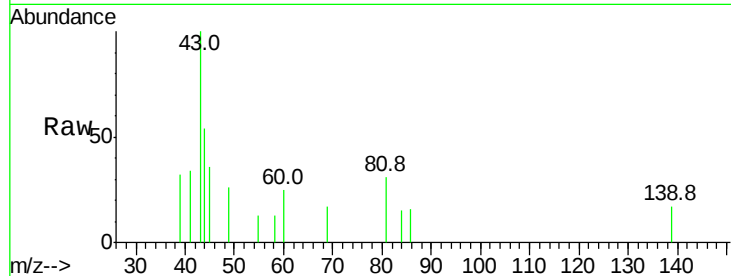




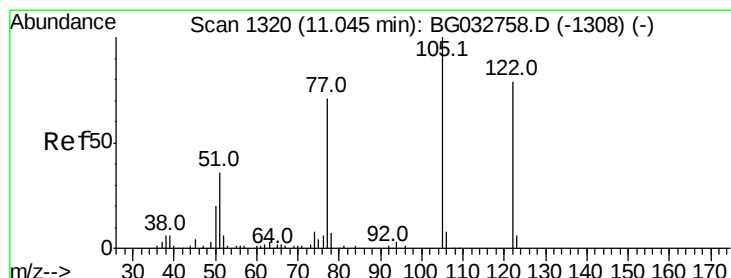
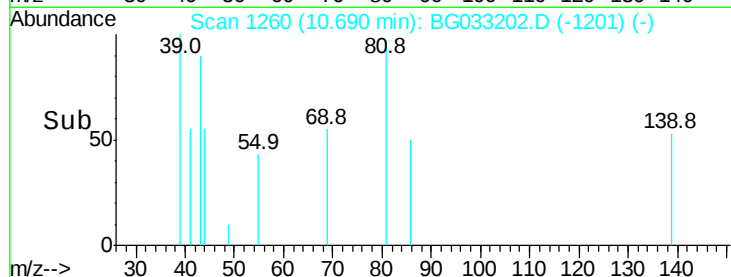
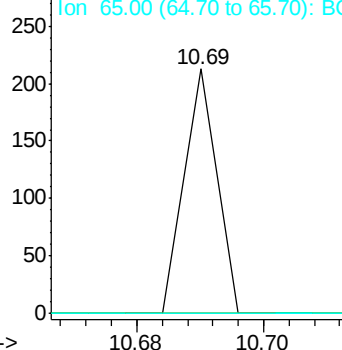
#26
2-Nitrophenol
Concen: 5.536 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.18 min
Lab File: BG033202.D
Acq: 16 Mar 2018 16:45

Instrument :
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ClientSampleId :
OILY-DEBRIS-RBR200029

Tot Ion:139 Resp: 75
Ion Ratio Lower Upper
139 100
109 0.0 24.2 36.2#
65 0.0 47.4 71.0#

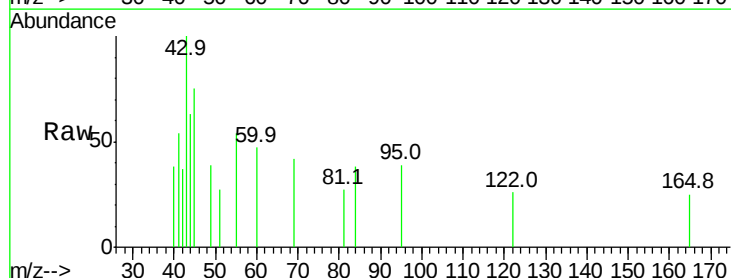


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

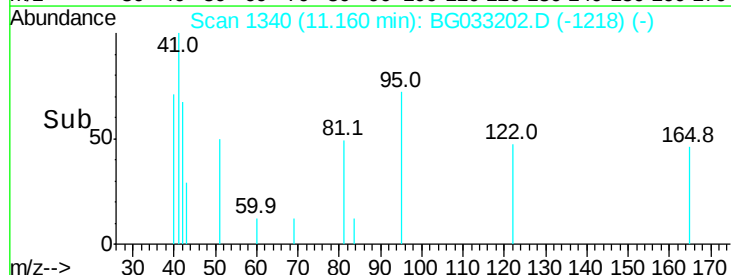
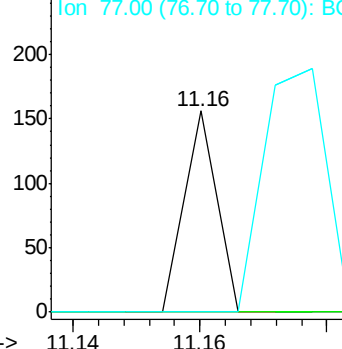


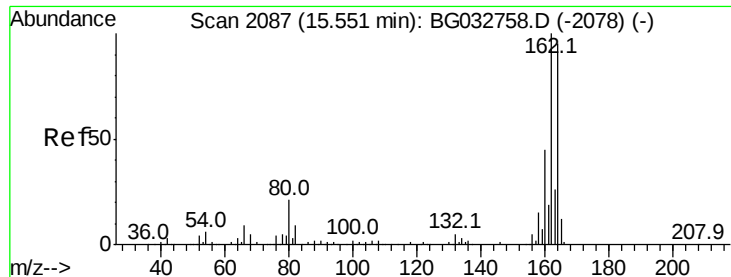
#32
Benzoic acid
Concen: 5.863 ng
RT: 11.16 min Scan# 1340
Delta R.T. 0.19 min
Lab File: BG033202.D
Acq: 16 Mar 2018 16:45

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
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): BGC

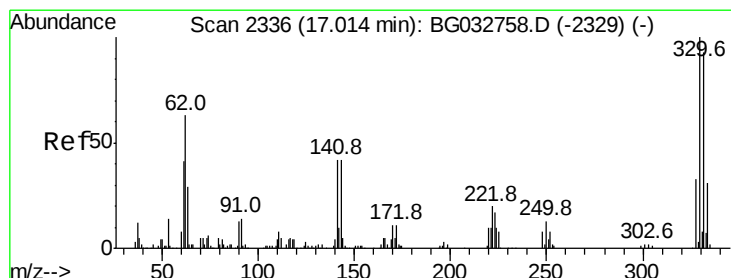
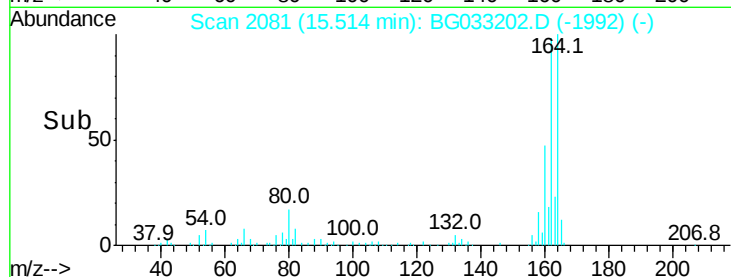
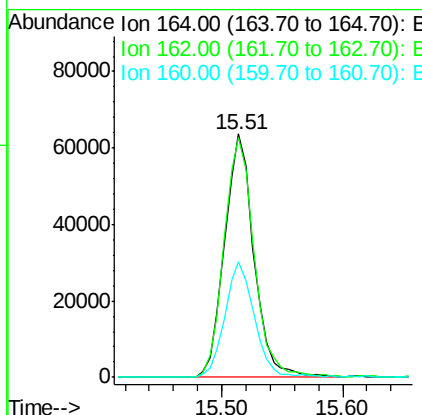
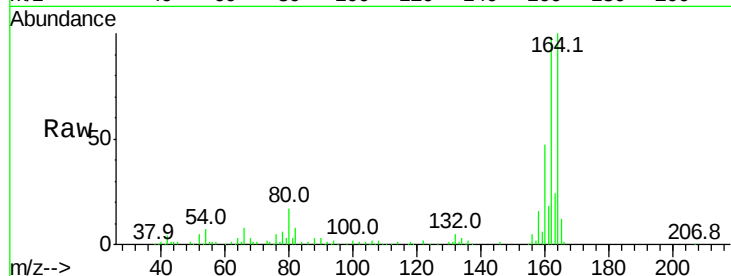




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG033202.D
Acq: 16 Mar 2018 16:45

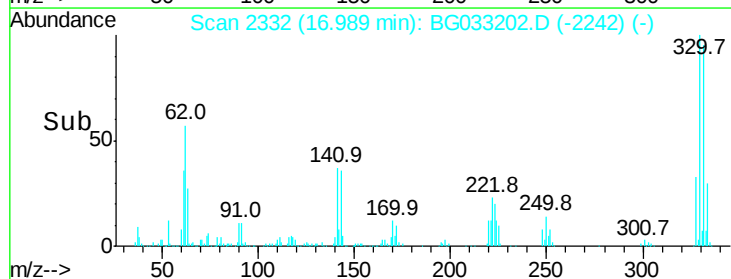
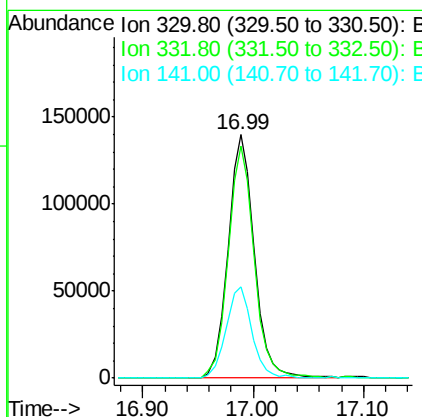
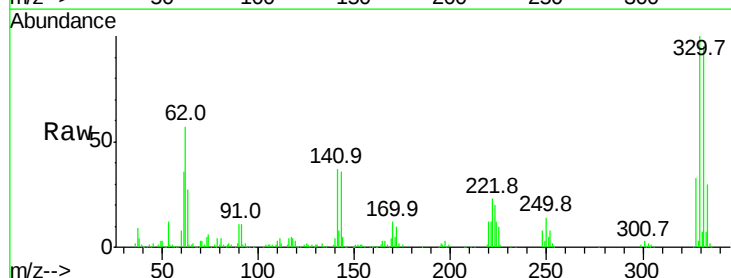
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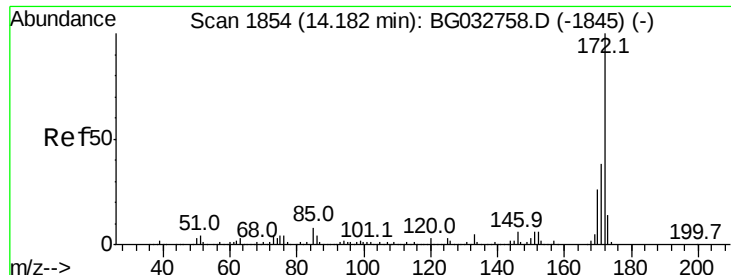
Tot Ion:164 Resp: 107483
Ion Ratio Lower Upper
164 100
162 98.4 78.8 118.2
160 47.3 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 205.768 ng
RT: 16.99 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG033202.D
Acq: 16 Mar 2018 16:45

Tgt Ion:330 Resp: 232548
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 37.3 25.2 37.8

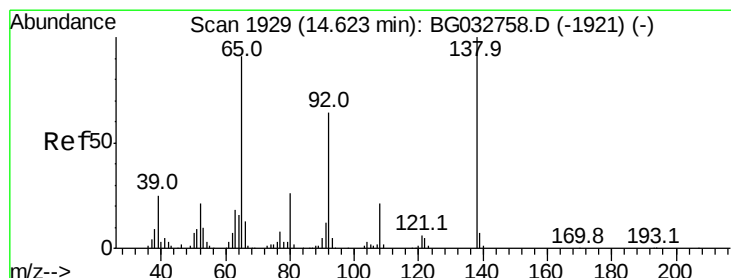
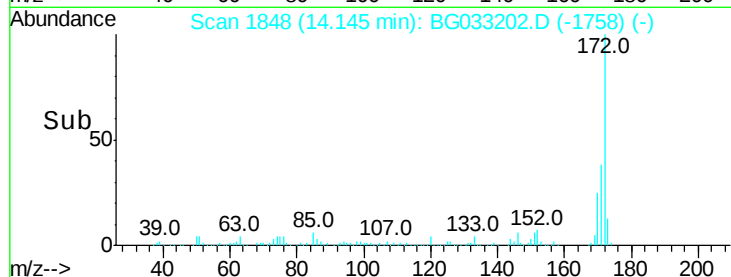
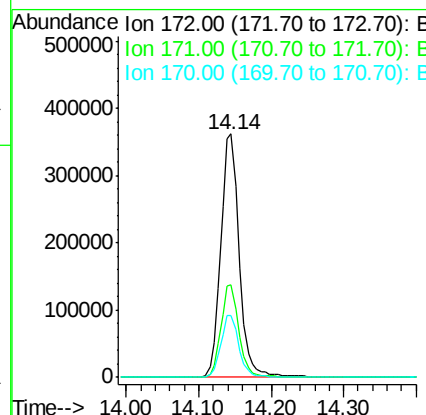
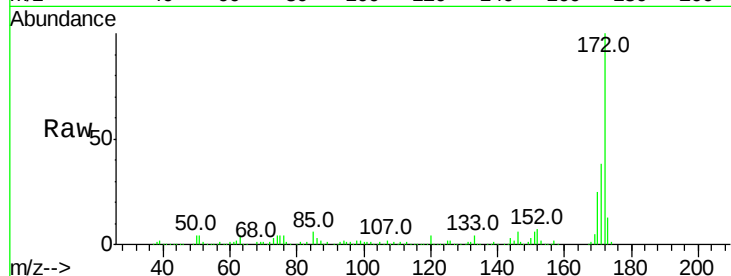




#44
2-Fluorobiphenyl
Concen: 86.008 ng
RT: 14.14 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BG033202.D
Acq: 16 Mar 2018 16:45

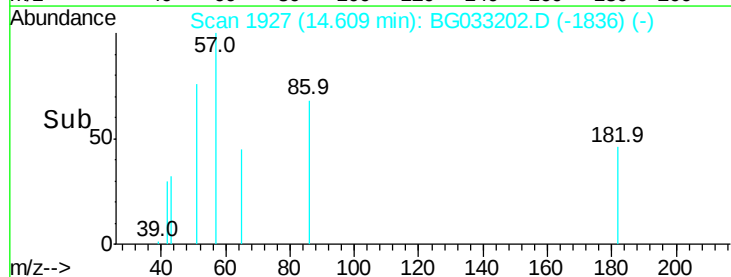
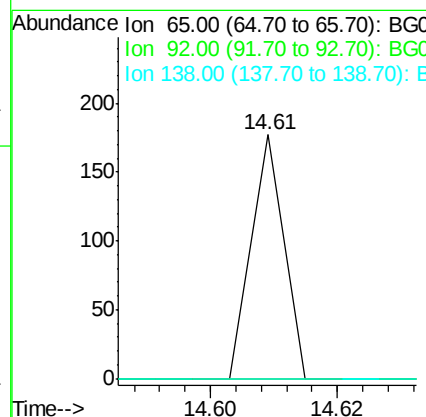
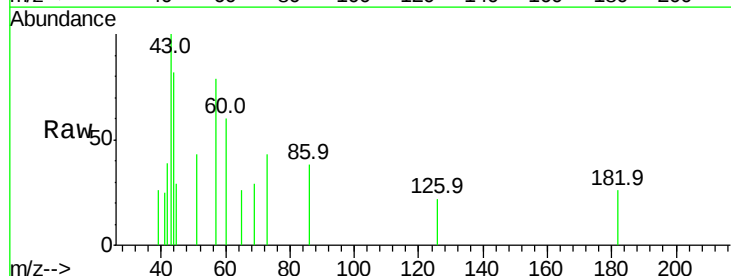
Instrument :
BNA_G
ClientSampleId :
OILY-DEBRIS-RBR200029

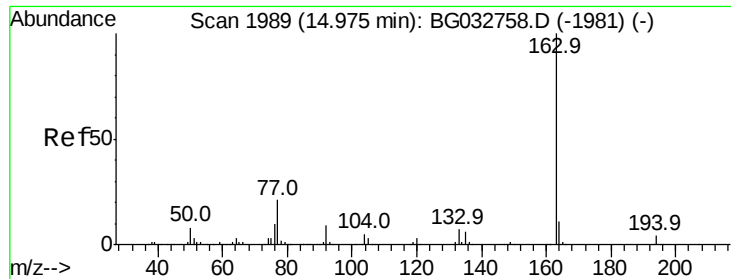
Tot Ion:172 Resp: 640972
Ion Ratio Lower Upper
172 100
171 37.9 30.0 45.0
170 25.4 19.5 29.3



#47
2-Nitroaniline
Concen: 9.864 ng
RT: 14.61 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BG033202.D
Acq: 16 Mar 2018 16:45

Tgt Ion: 65 Resp: 62
Ion Ratio Lower Upper
65 100
92 0.0 54.6 82.0#
138 0.0 72.9 109.3#





#49

Dimethylphthalate

Concen: 2.594 ng

RT: 14.93 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG033202.D

Acq: 16 Mar 2018 16:45

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-RBR200029

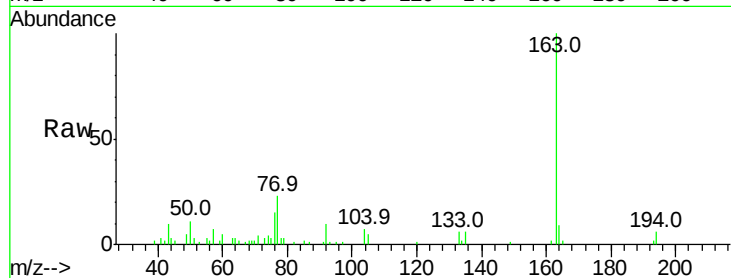
Tot Ion:163 Resp: 23672

Ion Ratio Lower Upper

163 100

194 6.2 3.4 5.2#

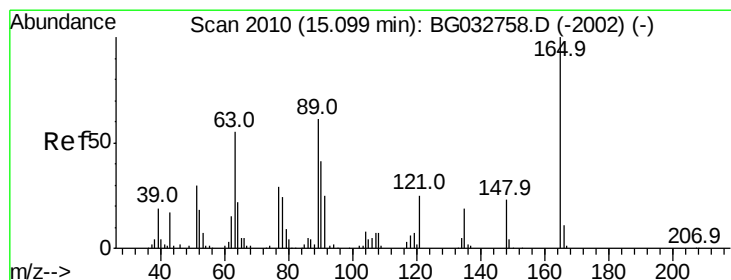
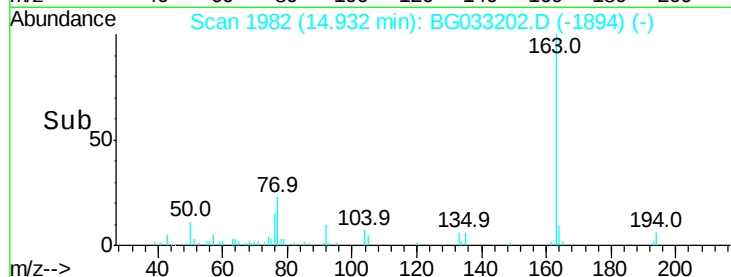
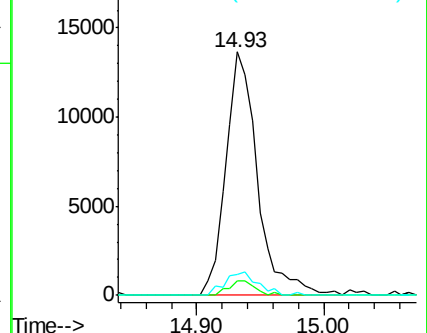
164 8.6 8.2 12.4



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: 16.138 ng

RT: 15.51 min Scan# 2081

Delta R.T. 0.44 min

Lab File: BG033202.D

Acq: 16 Mar 2018 16:45

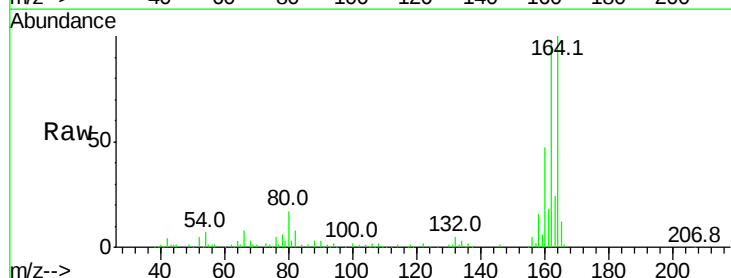
Tgt Ion:165 Resp: 13424

Ion Ratio Lower Upper

165 100

63 2.4 52.7 79.1#

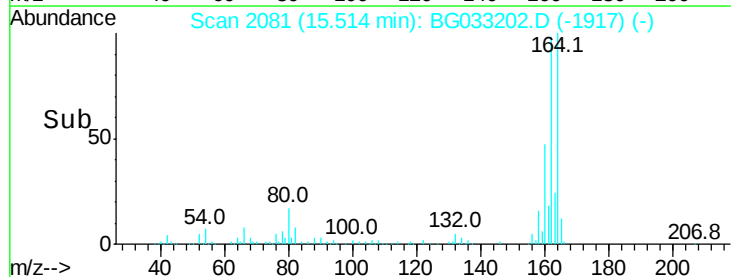
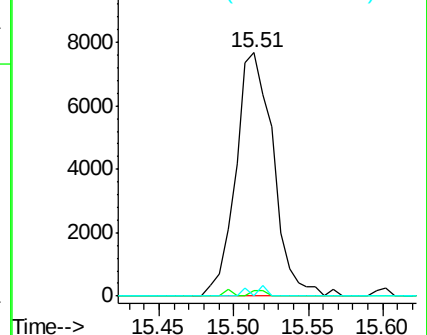
89 0.0 49.2 73.8#

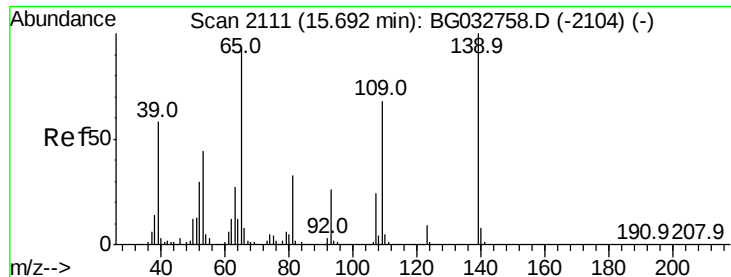


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#55

4-Nitrophenol

Concen: 7.145 ng

RT: 15.83 min Scan# 2135

Delta R.T. 0.14 min

Lab File: BG033202.D

Acq: 16 Mar 2018 16:45

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-RBR200029

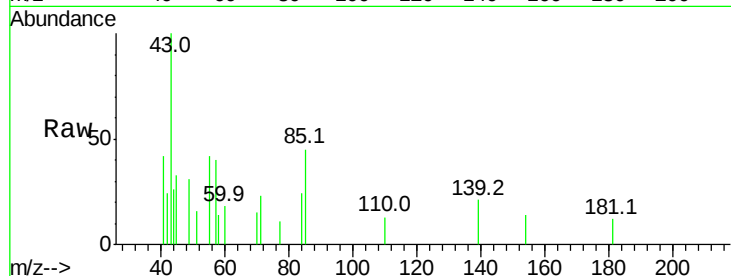
Tot Ion:139 Resp: 105

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

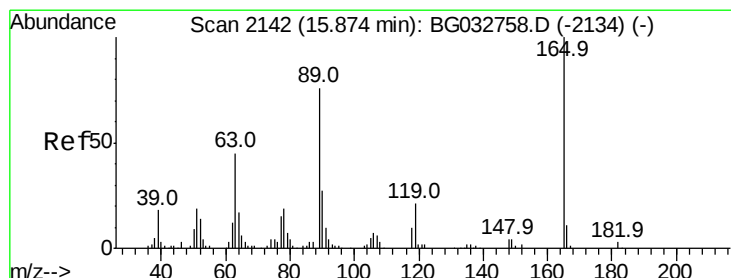
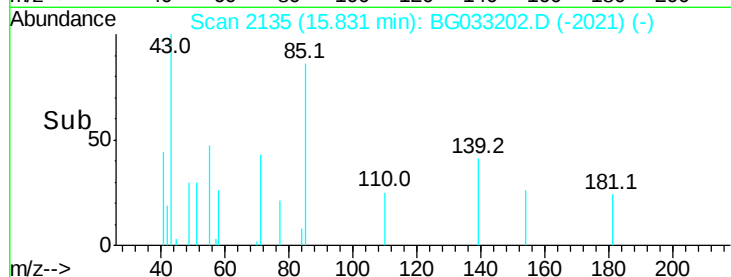
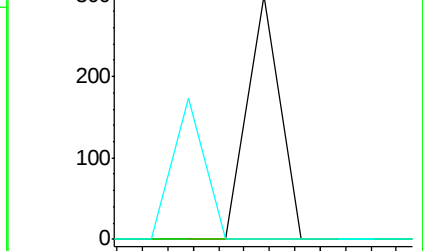
65 0.0 97.2 137.2#



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



#56

2,4-Dinitrotoluene

Concen: 14.334 ng

RT: 15.51 min Scan# 2081

Delta R.T. -0.34 min

Lab File: BG033202.D

Acq: 16 Mar 2018 16:45

Tgt Ion:165 Resp: 13425

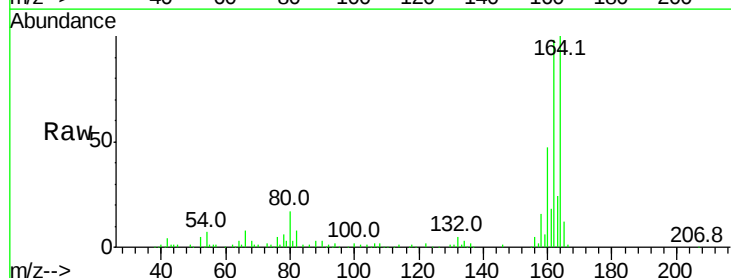
Ion Ratio Lower Upper

165 100

63 2.4 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

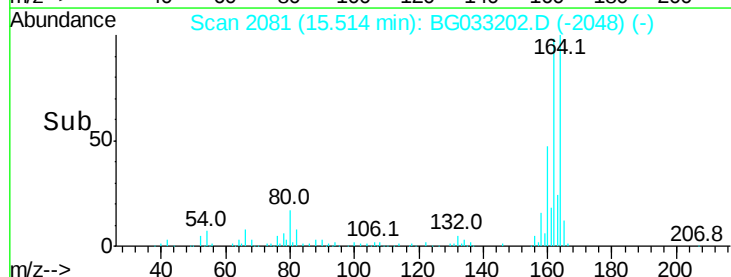
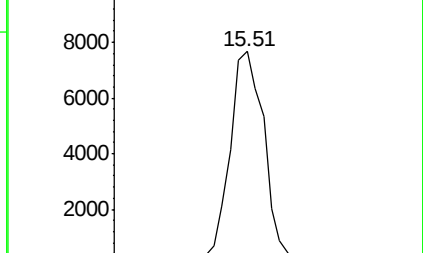


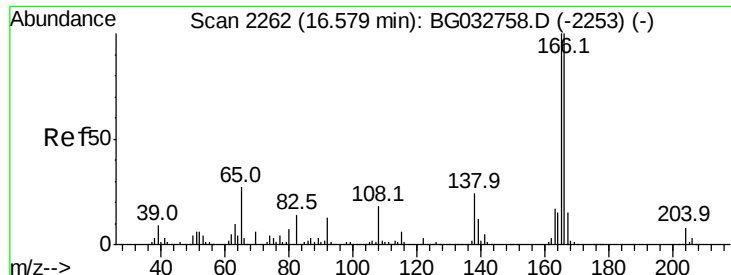
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

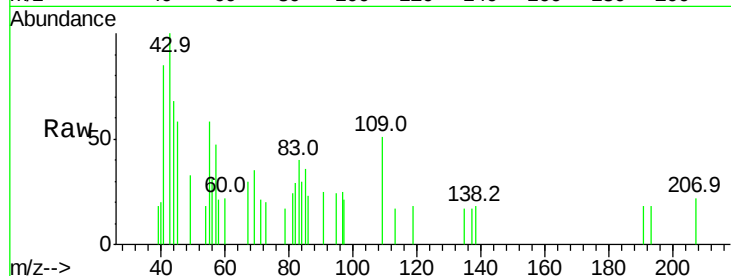




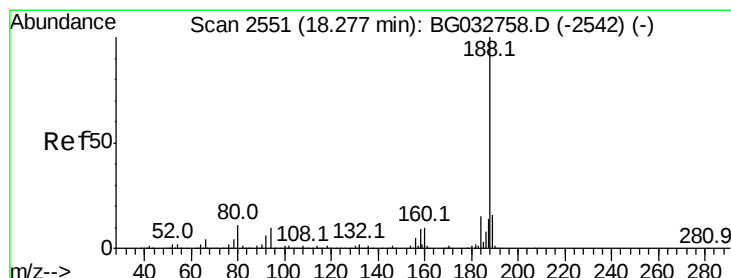
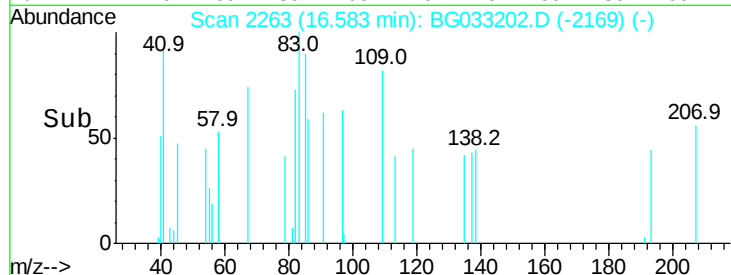
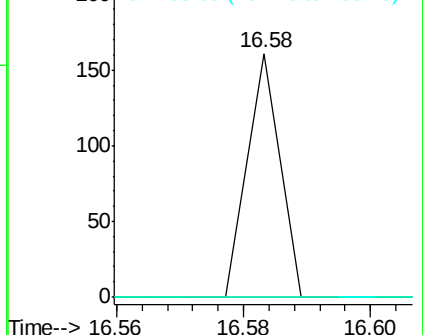
#61
4-Nitroaniline
Concen: 5.325 ng
RT: 16.58 min Scan# 2263
Delta R.T. 0.02 min
Lab File: BG033202.D
Acq: 16 Mar 2018 16:45

Instrument :
BNA_G
ClientSampleId :
OILY-DEBRIS-RBR200029

Tot Ion:138 Resp: 57
Ion Ratio Lower Upper
138 100
92 0.0 40.1 80.1#
108 0.0 65.4 105.4#

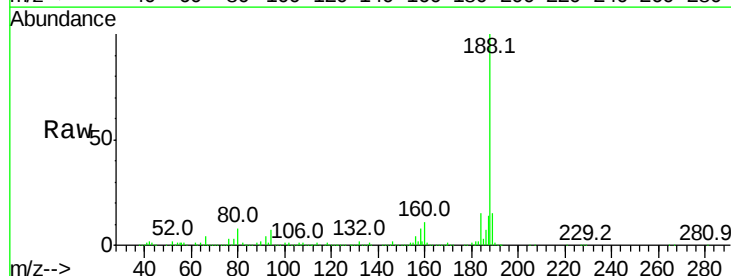


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

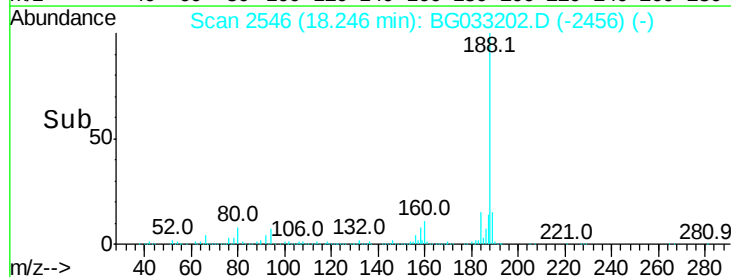
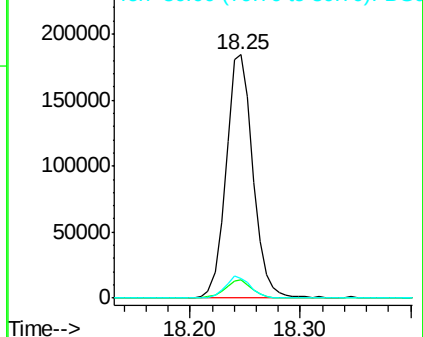


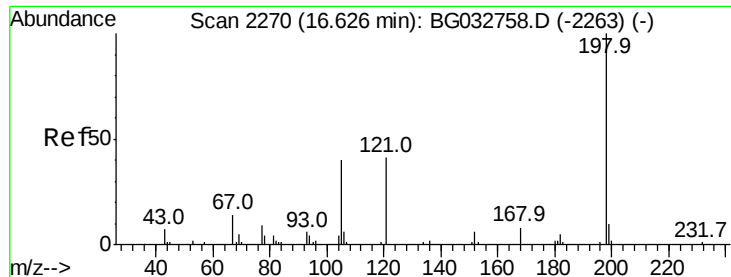
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BG033202.D
Acq: 16 Mar 2018 16:45

Tgt Ion:188 Resp: 313570
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

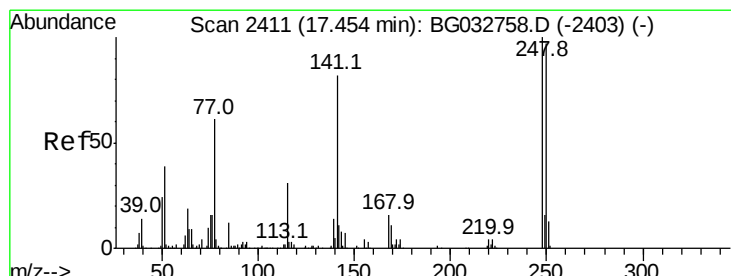
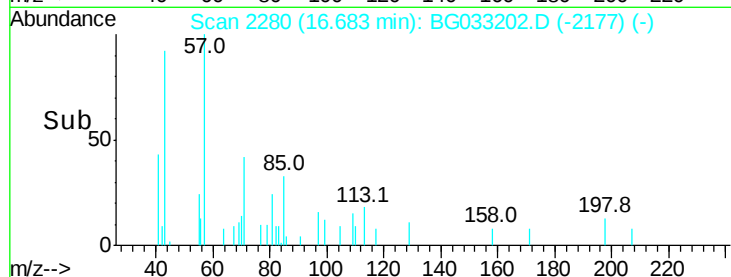
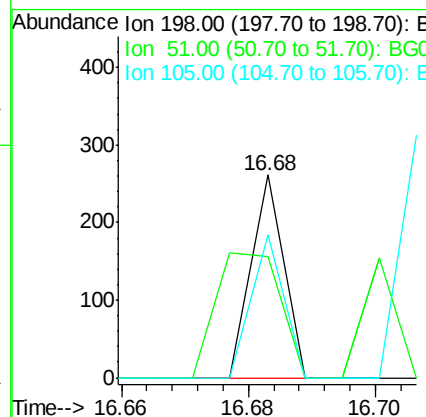
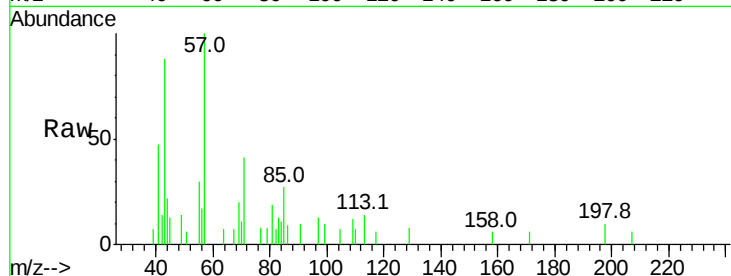




#64
4,6-Dinitro-2-methylphenol
Concen: 5.072 ng
RT: 16.68 min Scan# 2280
Delta R.T. 0.07 min
Lab File: BG033202.D
Acq: 16 Mar 2018 16:45

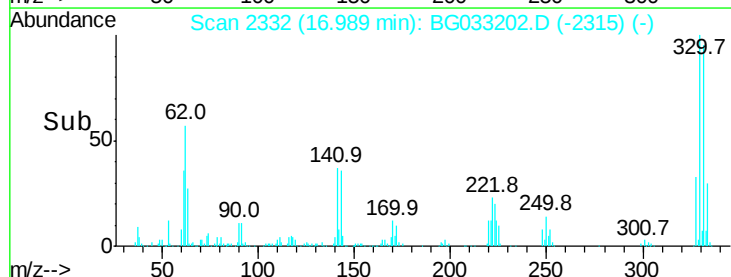
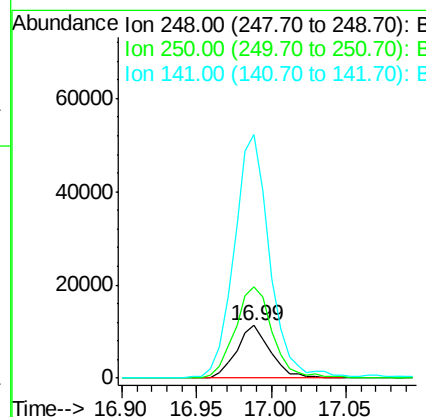
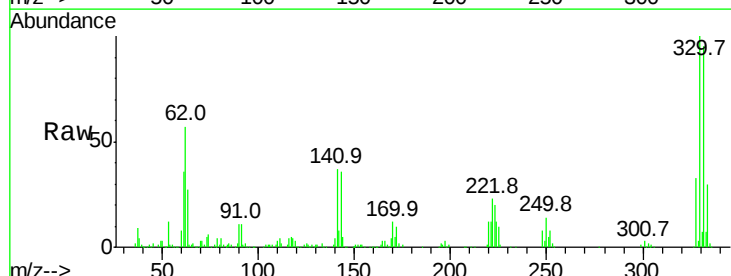
Instrument :
BNA_G
ClientSampleId :
OILY-DEBRIS-RBR200029

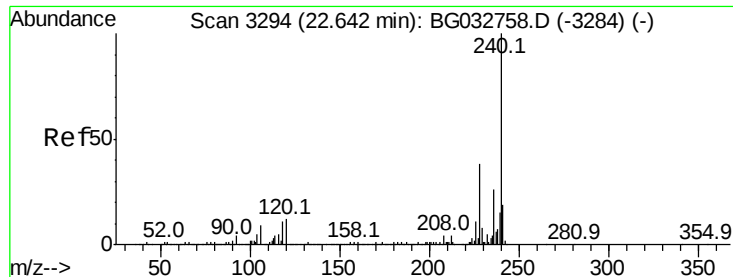
Tot Ion:198 Resp: 92
Ion Ratio Lower Upper
198 100
51 59.8 30.6 70.6
105 70.9 23.8 63.8#



#66
4-Bromophenyl-phenylether
Concen: 5.379 ng
RT: 16.99 min Scan# 2332
Delta R.T. -0.43 min
Lab File: BG033202.D
Acq: 16 Mar 2018 16:45

Tgt Ion:248 Resp: 17834
Ion Ratio Lower Upper
248 100
250 171.9 77.1 115.7#
141 461.2 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BG033202.D

Acq: 16 Mar 2018 16:45

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-RBR200029

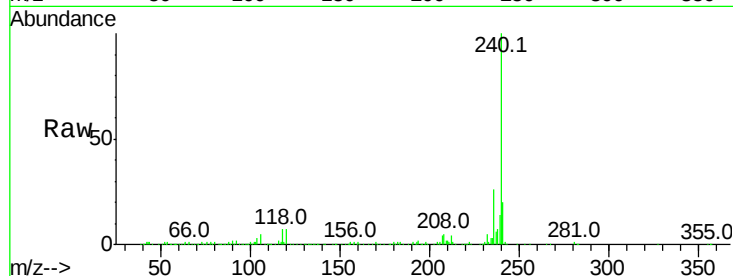
Tot Ion:240 Resp: 338298

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

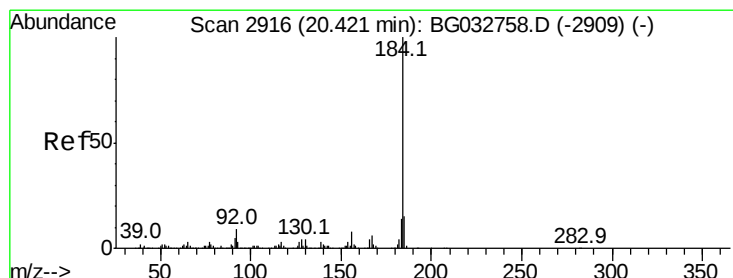
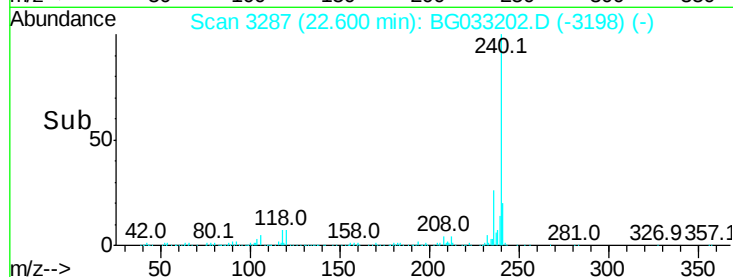
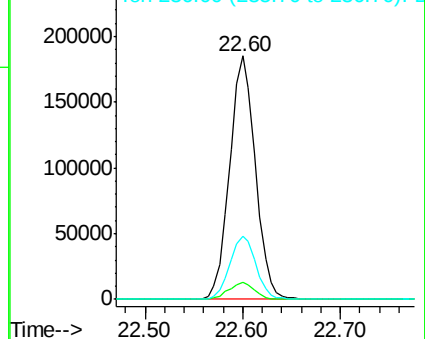
236 25.9 20.9 31.3



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



#76

Benzidine

Concen: 2.019 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.36 min

Lab File: BG033202.D

Acq: 16 Mar 2018 16:45

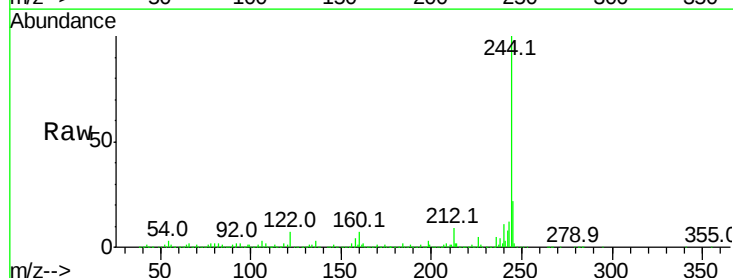
Tgt Ion:184 Resp: 23280

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

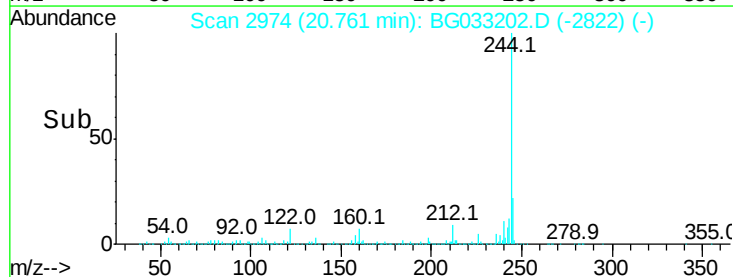
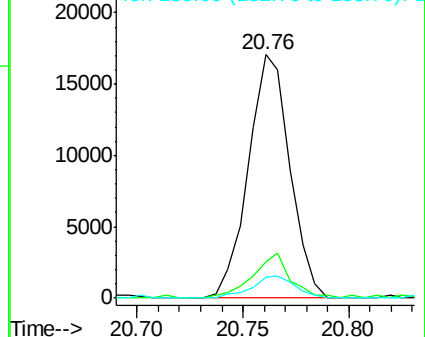
183 8.7 10.6 16.0#

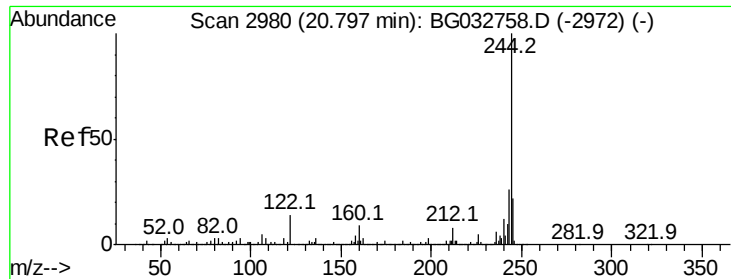


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



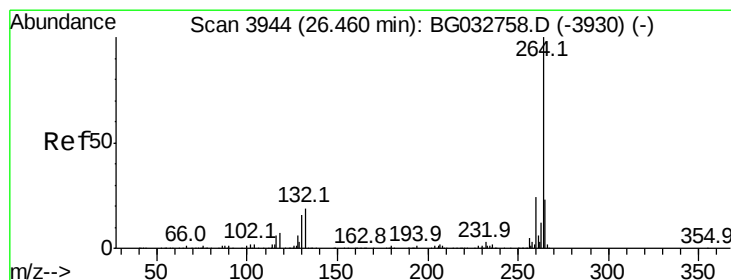
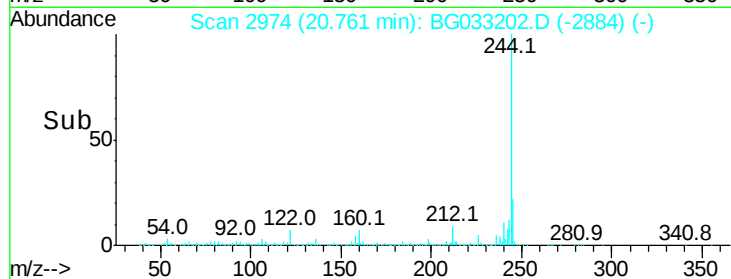
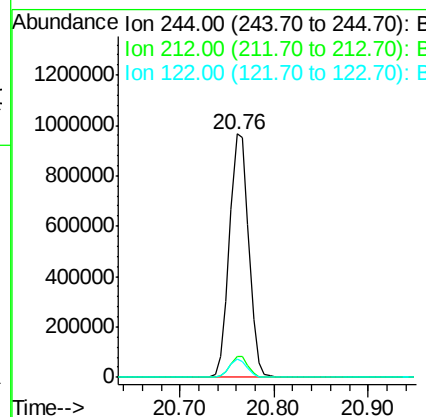
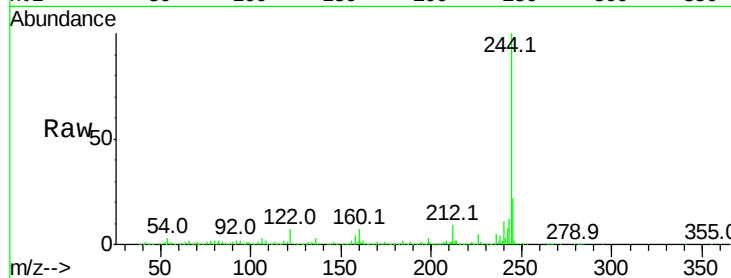


#78
 Terphenyl-d14
 Concen: 91.526 ng
 RT: 20.76 min Scan# 2974
 Delta R.T. -0.00 min
 Lab File: BG033202.D
 Acq: 16 Mar 2018 16:45

Instrument :
 BNA_G
 ClientSampleId :
 OILY-DEBRIS-RBR200029

Tot Ion:244 Resp: 1378142

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.5	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: BG033202.D
 Acq: 16 Mar 2018 16:45

Tgt Ion:264 Resp: 361029

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	20.6	17.7	26.5

