

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057546.D
 Acq On : 24 May 2023 23:02
 Operator : CG/JU
 Sample : 02897-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOLIDS-0523

Quant Time: May 25 02:28:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 02:19:01 2023
 Response via : Initial Calibration

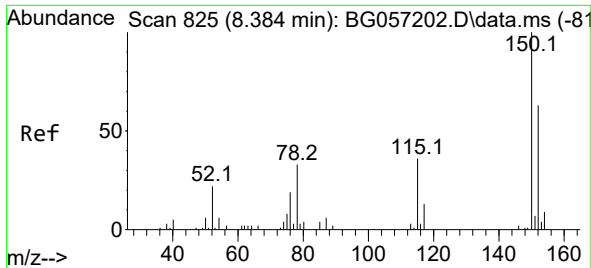
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	23445	20.000	ng	0.00
21) Naphthalene-d8	11.198	136	85148	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	58833	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	131675	20.000	ng	-0.01
76) Chrysene-d12	22.030	240	117336	20.000	ng	# 0.00
86) Perylene-d12	25.543	264	130376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	67102	48.959	ng	0.00
7) Phenol-d6	7.503	99	91375	43.904	ng	0.00
23) Nitrobenzene-d5	9.536	82	60227	29.687	ng	-0.01
42) 2,4,6-Tribromophenol	16.456	330	37919	45.424	ng	-0.01
45) 2-Fluorobiphenyl	13.595	172	135617	31.045	ng	-0.01
79) Terphenyl-d14	20.280	244	226492	31.501	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.480	77	986	Below Cal	#	1
11) bis(2-Chloroethyl)ether	7.820	93	6409	4.189	ng	# 1
15) Benzyl Alcohol	8.584	79	154843	89.306	ng	# 61
18) Hexachloroethane	9.465	117	5377	9.280	ng	# 1
22) Acetophenone	9.160	105	12152	4.986	ng	# 55
25) Isophorone	10.094	82	13147	3.342	ng	# 1
31) Naphthalene	11.251	128	399346	87.728	ng	99
32) Benzoic acid	10.481	122	788	5.615	ng	# 49
35) Caprolactam	12.161	113	27068	54.437	ng	# 14
37) 2-Methylnaphthalene	12.831	142	844886	236.063	ng	98
38) 1-Methylnaphthalene	13.048	142	505305	149.788	ng	99
46) 1,1'-Biphenyl	13.806	154	17542	4.018	ng	98
52) Acenaphthene	15.034	154	10579	3.210	ng	# 75
54) 2,4-Dinitrophenol	15.504	184	1271	6.868	ng	93
56) 4-Nitrophenol	15.169	139	7779	11.827	ng	# 37
57) 2,4-Dinitrotoluene	15.351	165	5119	3.629	ng	# 60
58) Fluorene	16.009	166	18610	4.080	ng	# 94
63) Azobenzene	16.309	77	16202	3.420	ng	# 1
66) n-Nitrosodiphenylamine	16.203	169	15135	4.232	ng	# 48
71) Phenanthrene	17.754	178	62391	9.247	ng	96
72) Anthracene	17.754	178	62391	9.012	ng	98
74) Di-n-butylphthalate	18.623	149	36140	5.389	ng	# 91
75) Fluoranthene	19.745	202	63513	7.568	ng	96
78) Pyrene	19.745	202	63360	7.431	ng	98
80) Butylbenzylphthalate	20.961	149	8234	3.044	ng	# 69
81) Benzo(a)anthracene	22.013	228	25241	3.019	ng	# 90
83) Chrysene	22.083	228	29455	3.745	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.848	149	384999	96.184	ng	98
85) Di-n-octyl phthalate	23.147	149	13986	2.096	ng	# 76
88) Benzo(b)fluoranthene	24.415	252	35996	4.224	ng	# 38
90) Benzo(a)pyrene	25.379	252	19108	2.295	ng	# 39
92) Benzo(g,h,i)perylene	30.883	276	17651	2.284	ng	# 79

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

Quant Time: May 25 02:28:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 02:19:01 2023
Response via : Initial Calibration

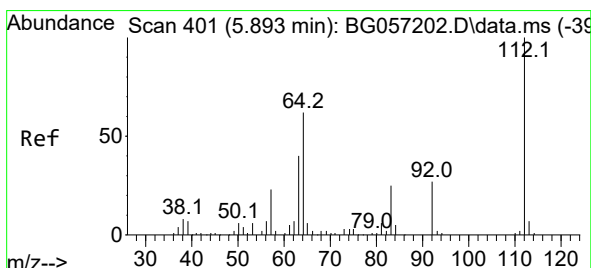
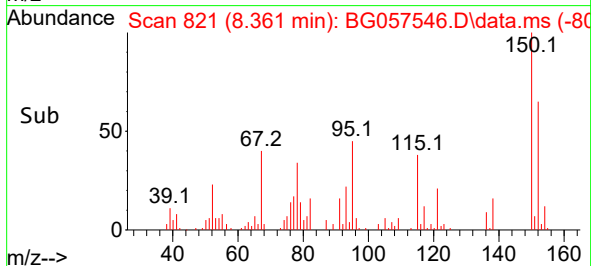
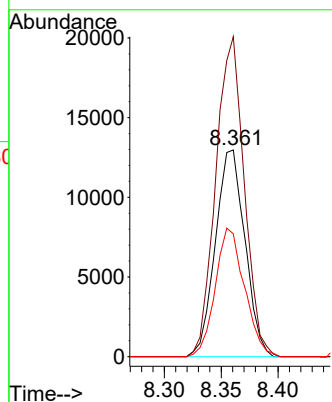
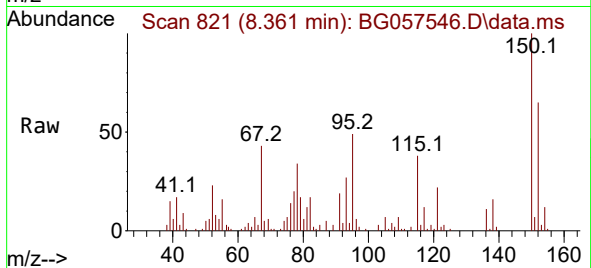




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

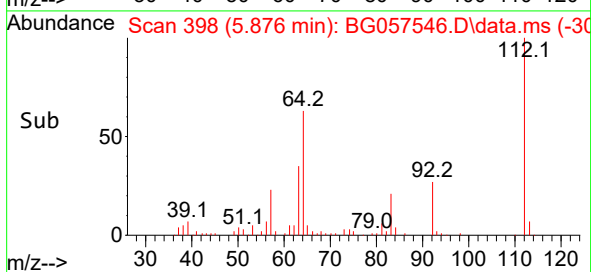
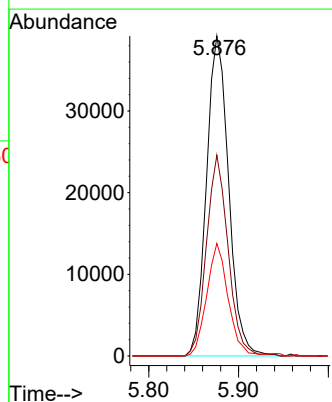
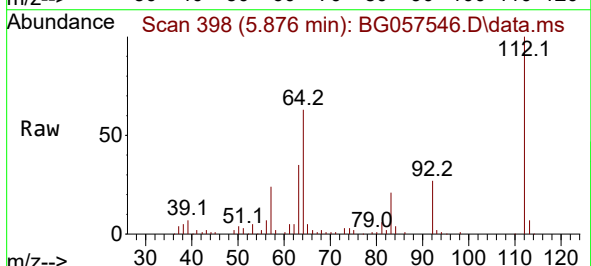
Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523

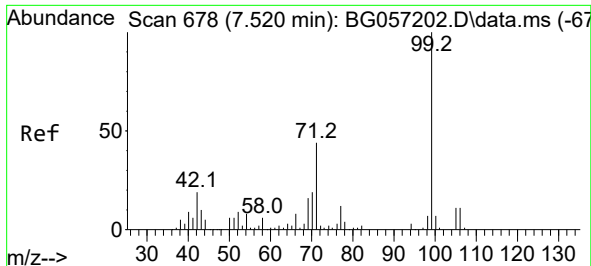
Tgt Ion:152 Resp: 23445
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.4
115 59.5 45.0 67.4



#5
2-Fluorophenol
Concen: 48.959 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.001 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

Tgt Ion:112 Resp: 67102
Ion Ratio Lower Upper
112 100
64 62.7 49.4 74.2
63 35.2 31.6 47.4

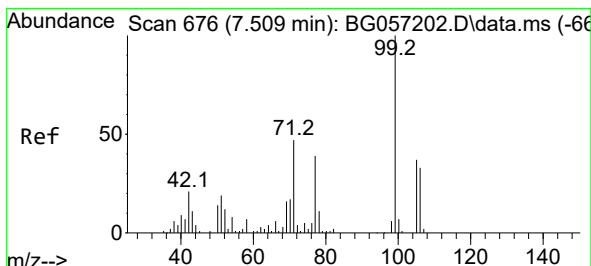
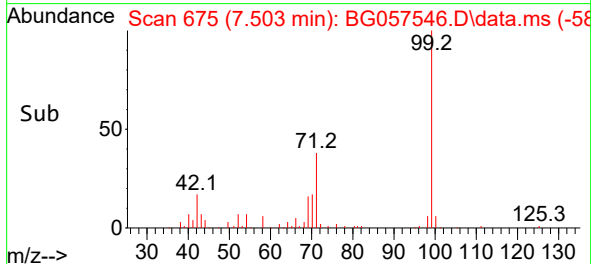
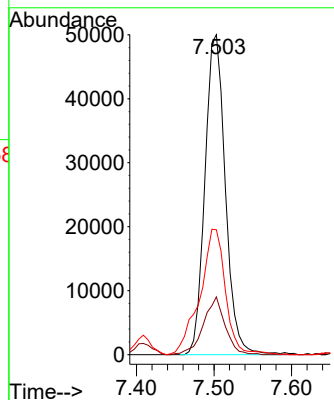
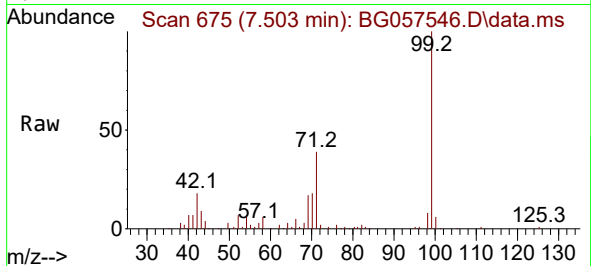




#7
Phenol-d6
Concen: 43.904 ng
RT: 7.503 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

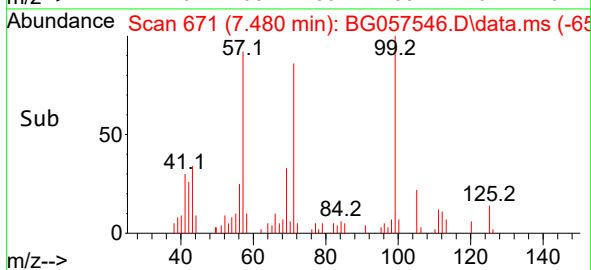
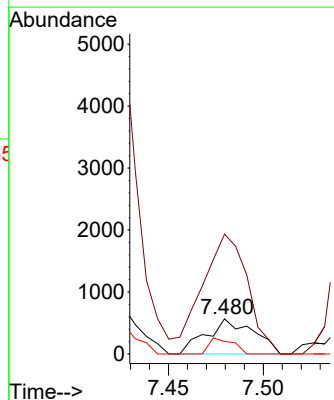
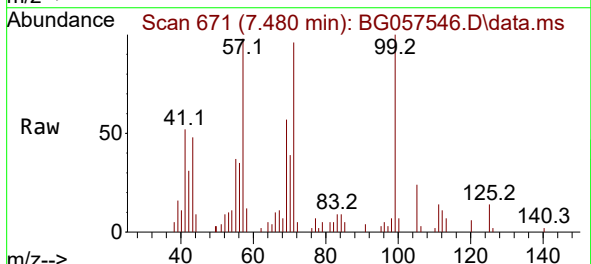
Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523

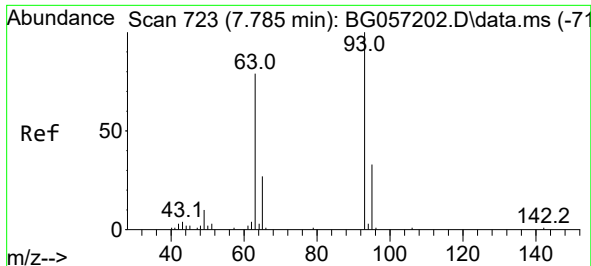
Tgt Ion: 99 Resp: 91375
Ion Ratio Lower Upper
99 100
42 18.1 15.1 22.7
71 39.0 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.480 min Scan# 671
Delta R.T. -0.011 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

Tgt Ion: 77 Resp: 986
Ion Ratio Lower Upper
77 100
105 341.3 74.6 114.6#
106 35.6 66.3 106.3#





#11

bis(2-Chloroethyl)ether

Concen: 4.189 ng

RT: 7.820 min Scan# 71

Delta R.T. 0.060 min

Lab File: BG057546.D

Acq: 24 May 2023 23:02

Instrument :

BNA_G

ClientSampleId :

OILY-SOLIDS-0523

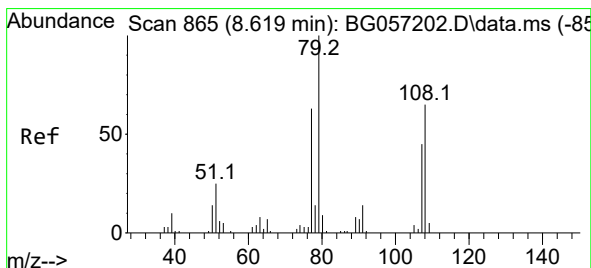
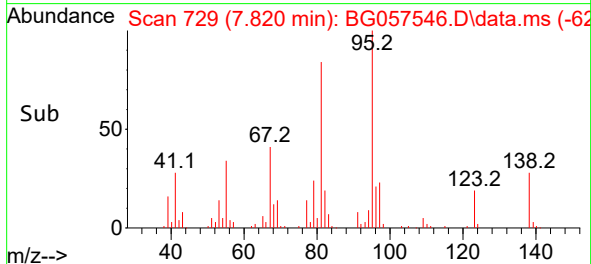
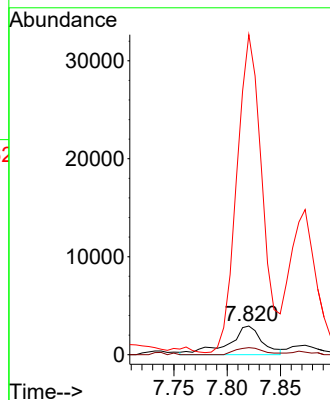
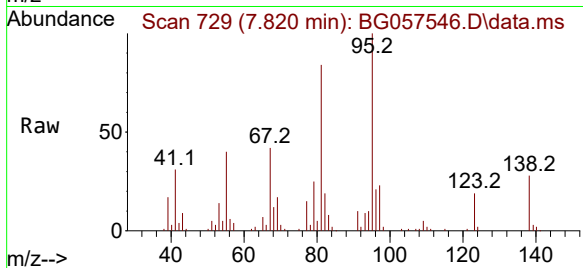
Tgt Ion: 93 Resp: 6409

Ion Ratio Lower Upper

93 100

63 24.7 58.6 98.6#

95 1118.2 12.2 52.2#



#15

Benzyl Alcohol

Concen: 89.306 ng

RT: 8.584 min Scan# 859

Delta R.T. -0.017 min

Lab File: BG057546.D

Acq: 24 May 2023 23:02

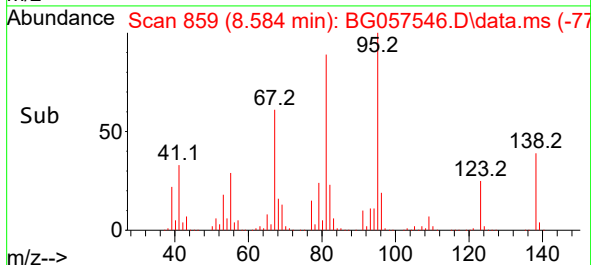
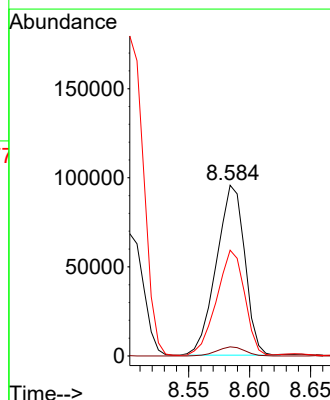
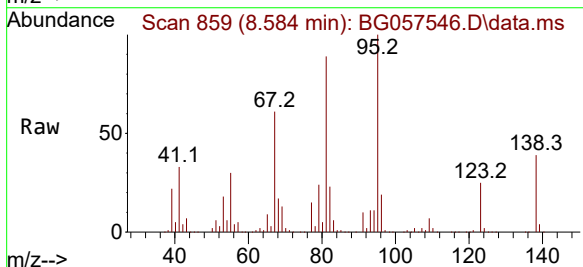
Tgt Ion: 79 Resp: 154843

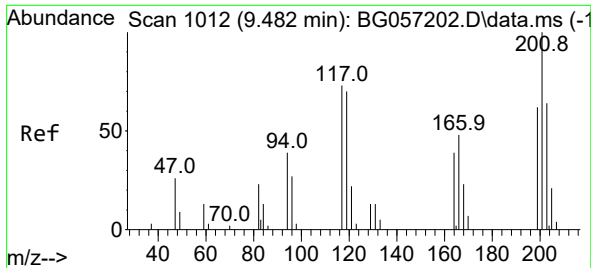
Ion Ratio Lower Upper

79 100

108 5.3 52.2 78.2#

77 62.0 50.1 75.1

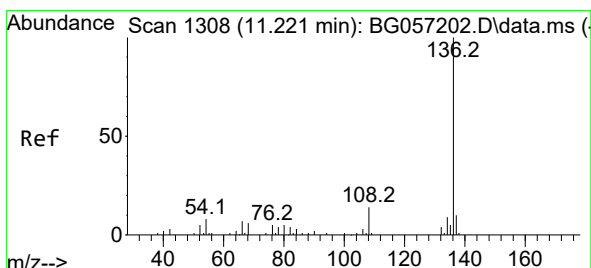
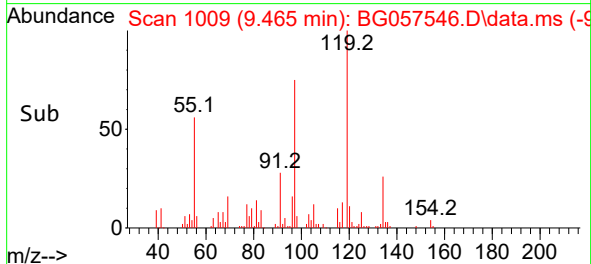
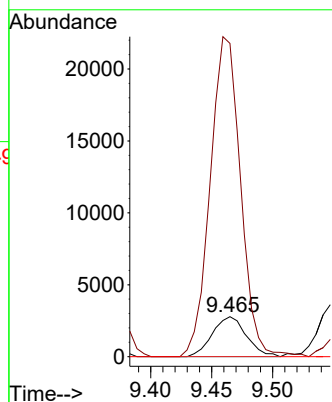
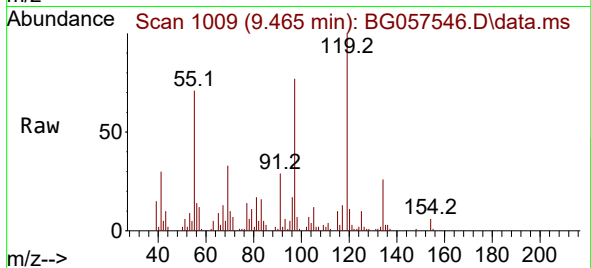




#18
Hexachloroethane
Concen: 9.280 ng
RT: 9.465 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

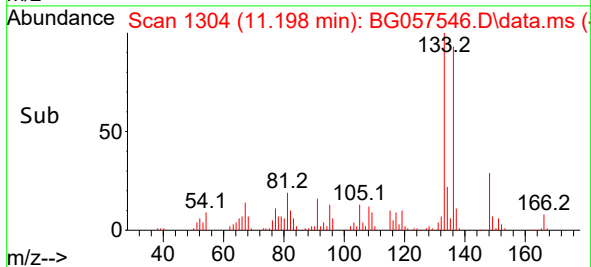
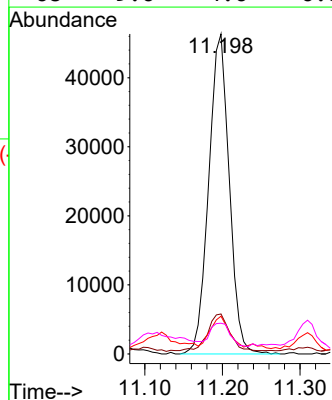
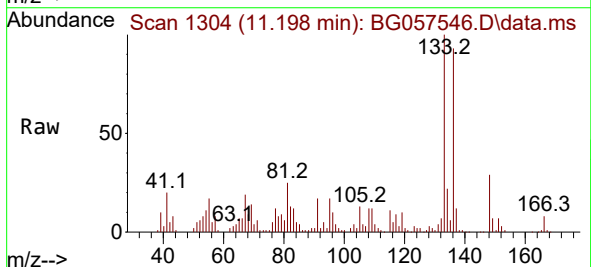
Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523

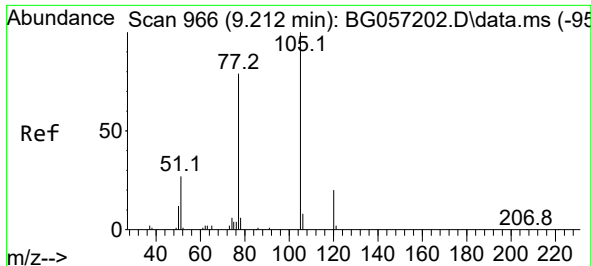
Tgt Ion:117 Resp: 5377
Ion Ratio Lower Upper
117 100
119 783.3 76.7 115.1#
201 0.0 109.0 163.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.198 min Scan# 1304
Delta R.T. -0.005 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

Tgt Ion:136 Resp: 85148
Ion Ratio Lower Upper
136 100
137 12.5 8.3 12.5#
54 11.8 6.7 10.1#
68 9.6 4.6 6.8#

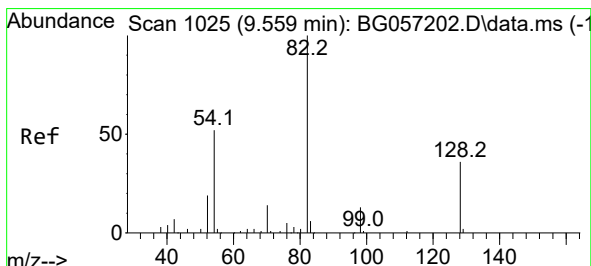
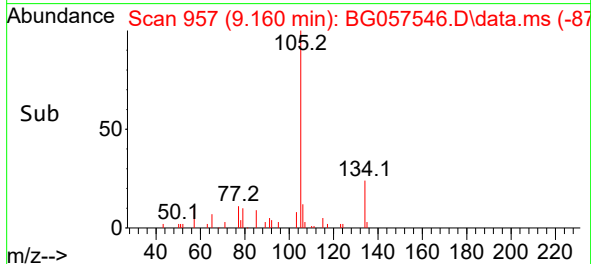
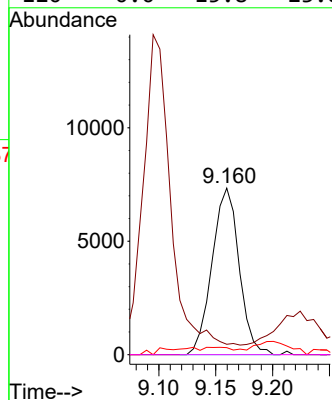
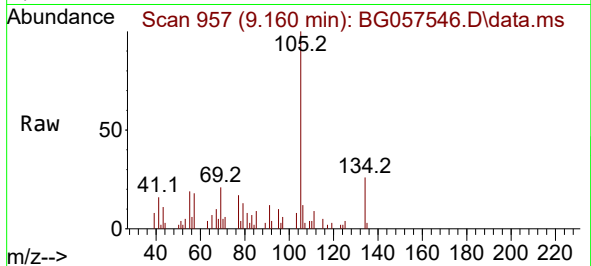




#22
Acetophenone
Concen: 4.986 ng
RT: 9.160 min Scan# 91
Delta R.T. -0.034 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

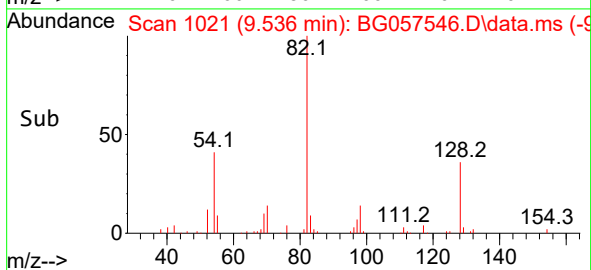
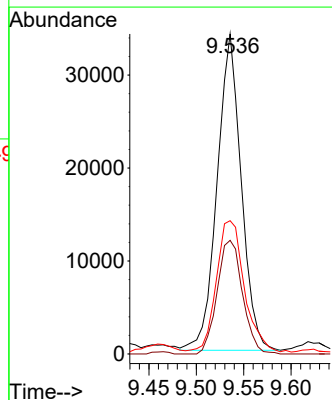
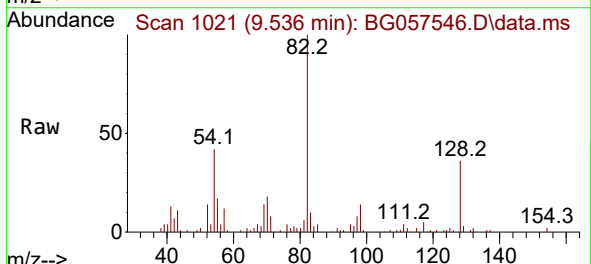
Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523

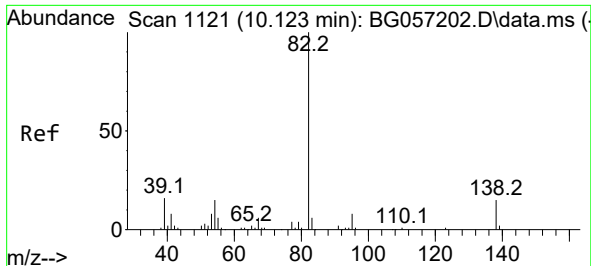
Tgt Ion:105 Resp: 12152
Ion Ratio Lower Upper
105 100
71 6.2 0.4 0.6#
51 4.3 24.0 36.0#
120 0.0 15.8 23.8#



#23
Nitrobenzene-d5
Concen: 29.687 ng
RT: 9.536 min Scan# 1021
Delta R.T. -0.011 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

Tgt Ion: 82 Resp: 60227
Ion Ratio Lower Upper
82 100
128 35.5 29.0 43.4
54 41.6 41.4 62.0

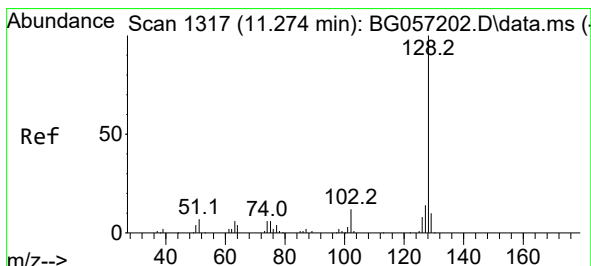
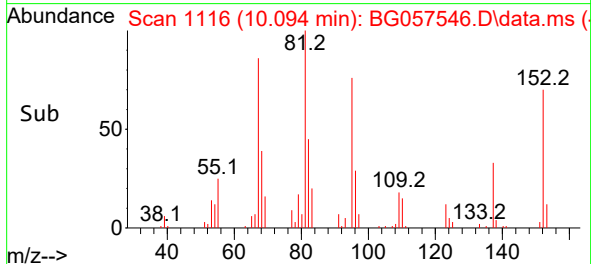
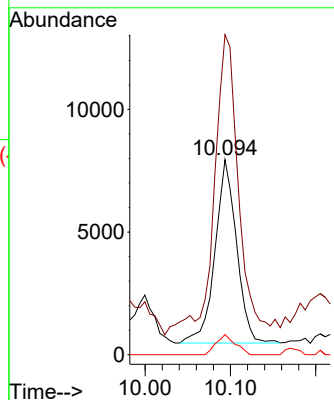
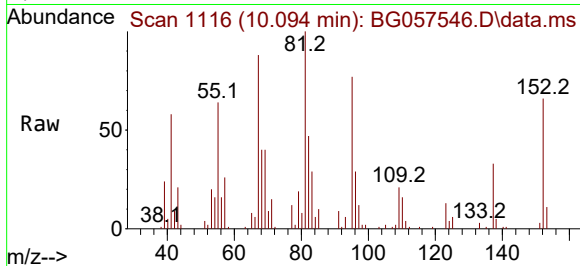




#25
Isophorone
Concen: 3.342 ng
RT: 10.094 min Scan# 1116
Delta R.T. -0.011 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

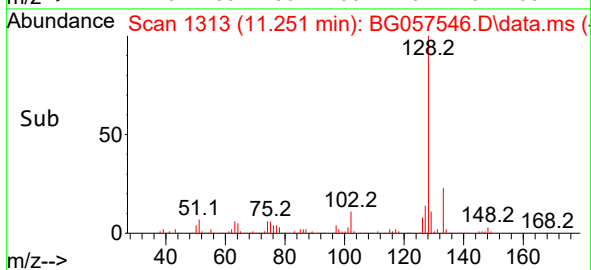
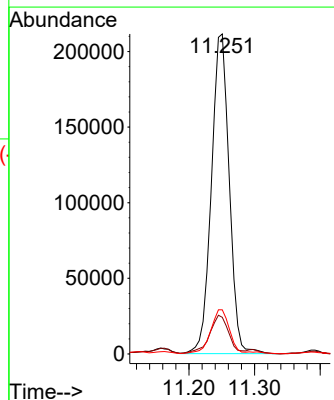
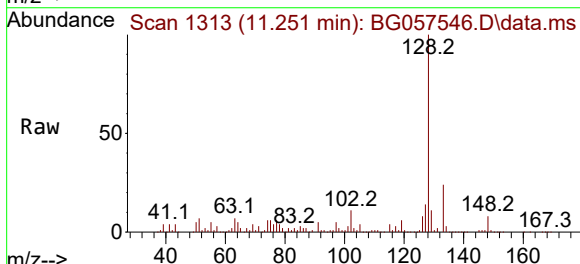
Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523

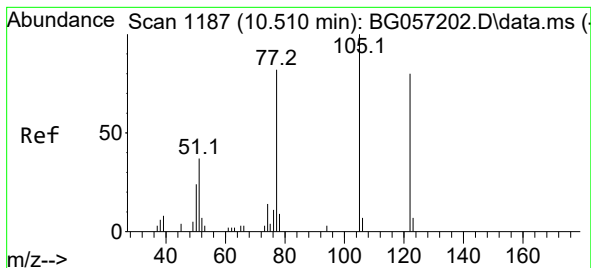
Tgt Ion: 82 Resp: 13147
Ion Ratio Lower Upper
82 100
95 164.1 6.4 9.6#
138 10.4 12.3 18.5#



#31
Naphthalene
Concen: 87.728 ng
RT: 11.251 min Scan# 1313
Delta R.T. -0.005 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

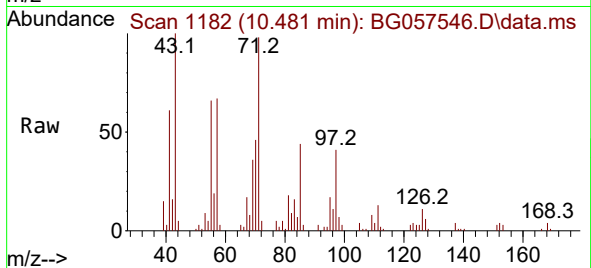
Tgt Ion:128 Resp: 399346
Ion Ratio Lower Upper
128 100
129 11.4 8.3 12.5
127 13.8 11.1 16.7



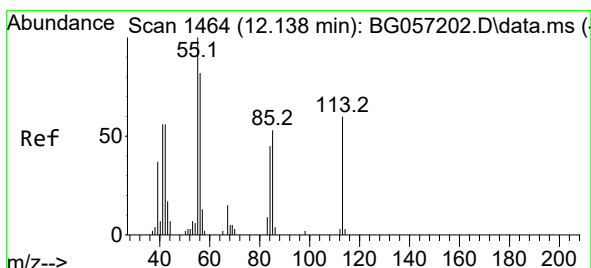
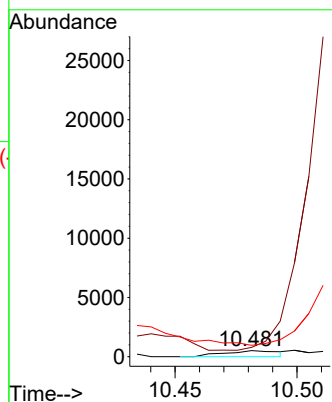
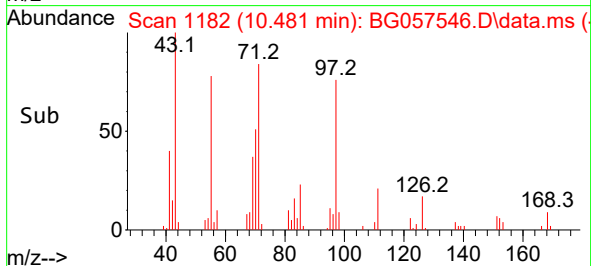


#32
Benzoic acid
Concen: 5.615 ng
RT: 10.481 min Scan# 1187
Delta R.T. -0.023 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523

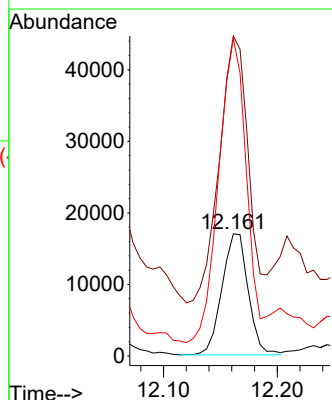
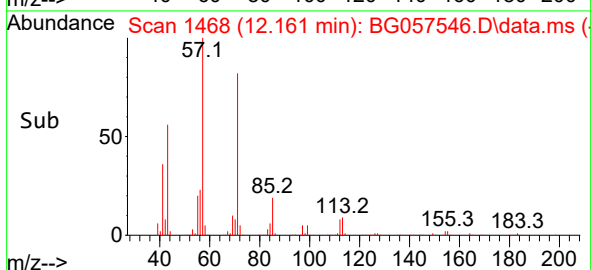
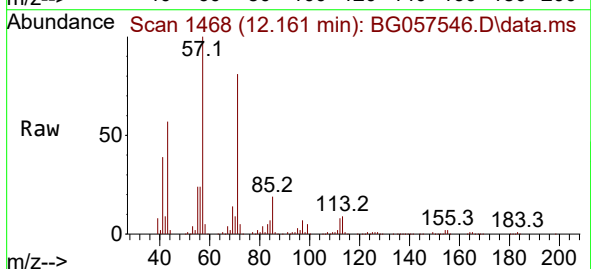


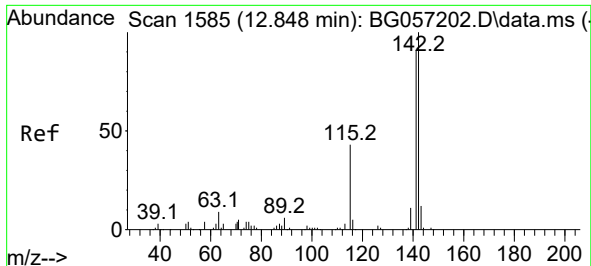
Tgt Ion:122 Resp: 788
Ion Ratio Lower Upper
122 100
105 153.8 105.2 145.2#
77 187.6 83.1 123.1#



#35
Caprolactam
Concen: 54.437 ng
RT: 12.161 min Scan# 1468
Delta R.T. 0.024 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

Tgt Ion:113 Resp: 27068
Ion Ratio Lower Upper
113 100
55 262.0 145.5 185.5#
56 260.0 115.9 155.9#





#37

2-Methylnaphthalene

Concen: 236.063 ng

RT: 12.831 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG057546.D

Acq: 24 May 2023 23:02

Instrument :

BNA_G

ClientSampleId :

OILY-SOLIDS-0523

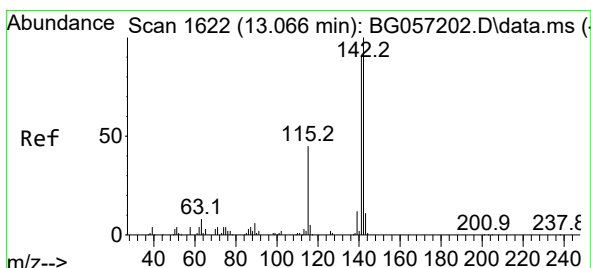
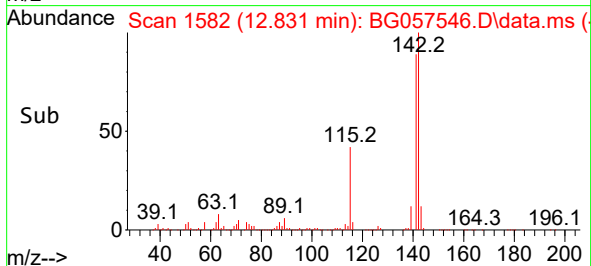
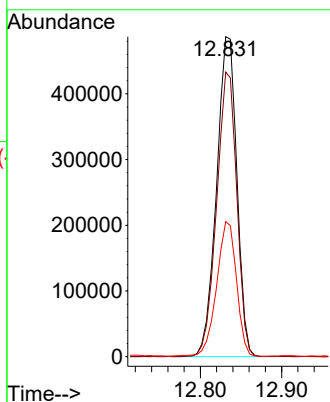
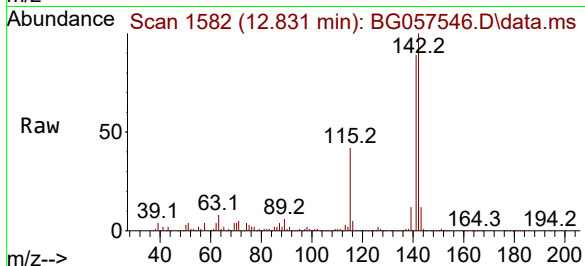
Tgt Ion:142 Resp: 844886

Ion Ratio Lower Upper

142 100

141 88.9 73.1 109.7

115 42.2 34.6 52.0



#38

1-Methylnaphthalene

Concen: 149.788 ng

RT: 13.048 min Scan# 1619

Delta R.T. 0.001 min

Lab File: BG057546.D

Acq: 24 May 2023 23:02

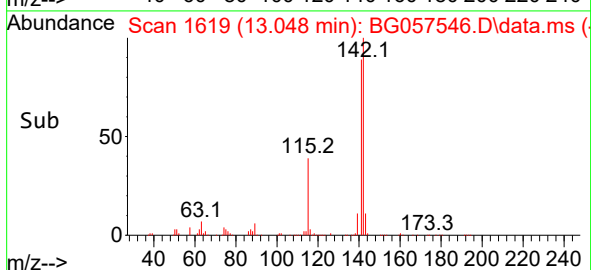
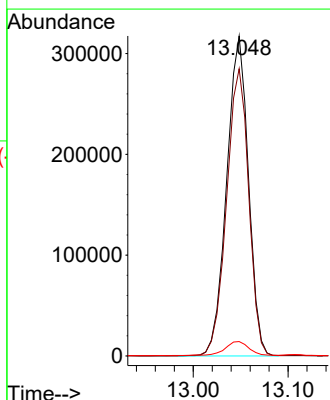
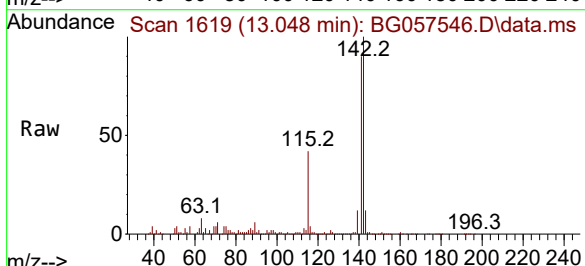
Tgt Ion:142 Resp: 505305

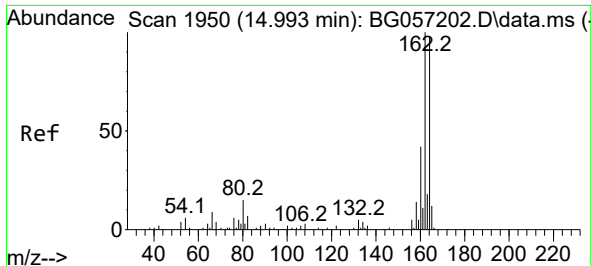
Ion Ratio Lower Upper

142 100

141 89.8 72.5 108.7

116 4.5 3.7 5.5

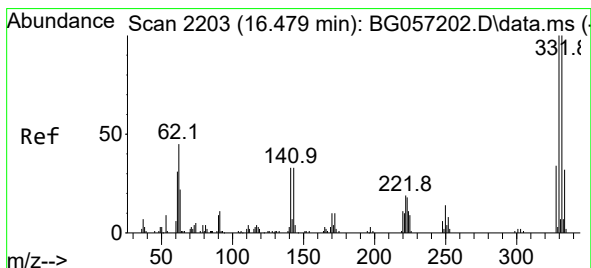
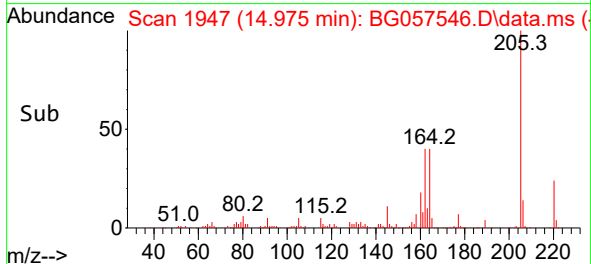
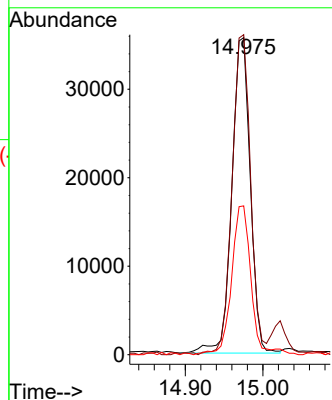
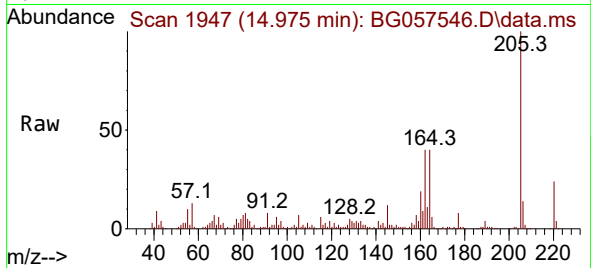




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

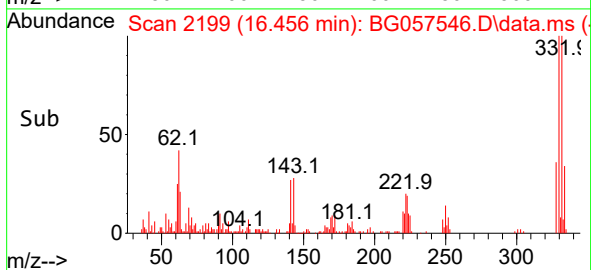
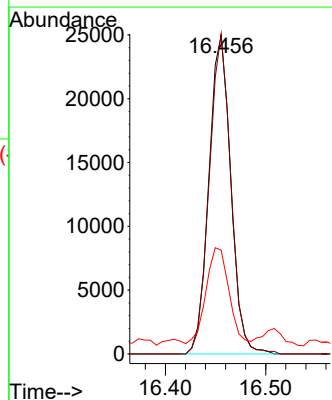
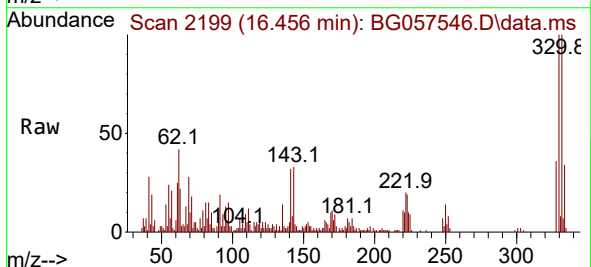
Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523

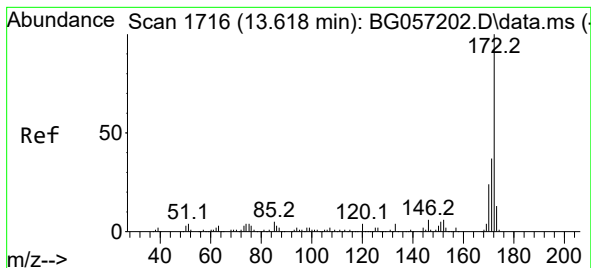
Tgt Ion:164 Resp: 58833
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.6
160 46.9 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 45.424 ng
RT: 16.456 min Scan# 2199
Delta R.T. -0.011 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

Tgt Ion:330 Resp: 37919
Ion Ratio Lower Upper
330 100
332 98.9 78.2 117.2
141 31.0 27.8 41.8





#45

2-Fluorobiphenyl

Concen: 31.045 ng

RT: 13.595 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG057546.D

Acq: 24 May 2023 23:02

Instrument :

BNA_G

ClientSampleId :

OILY-SOLIDS-0523

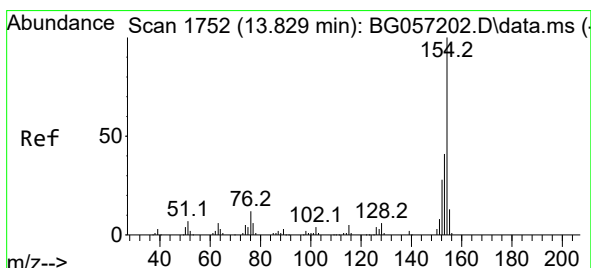
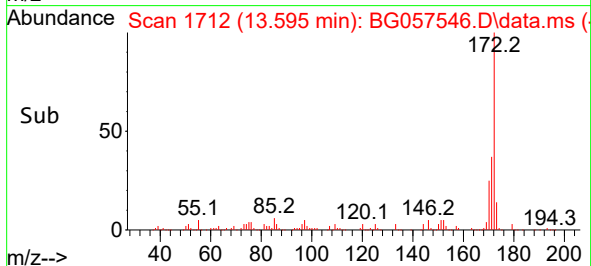
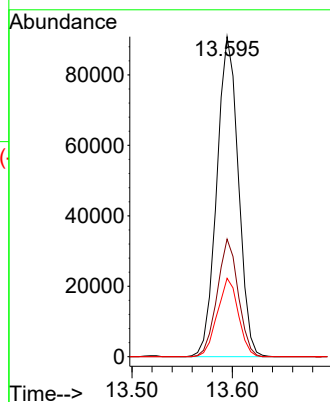
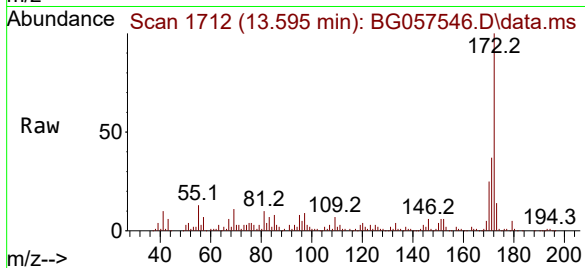
Tgt Ion:172 Resp: 135617

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.0

170 24.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 4.018 ng

RT: 13.806 min Scan# 1748

Delta R.T. -0.011 min

Lab File: BG057546.D

Acq: 24 May 2023 23:02

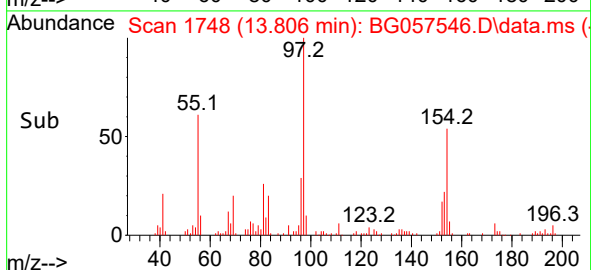
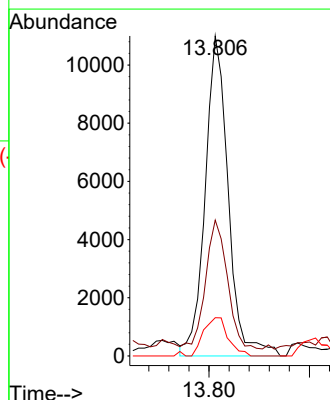
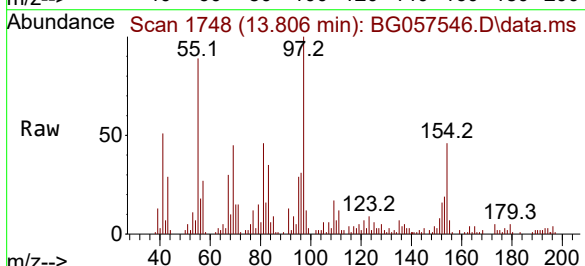
Tgt Ion:154 Resp: 17542

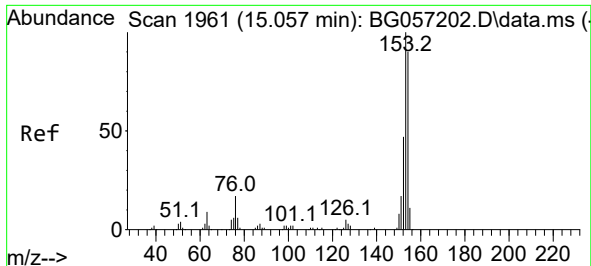
Ion Ratio Lower Upper

154 100

153 42.5 20.9 60.9

76 12.0 0.0 31.7

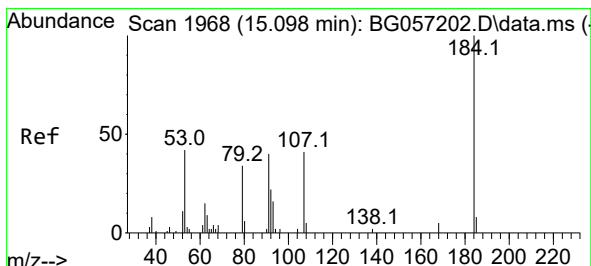
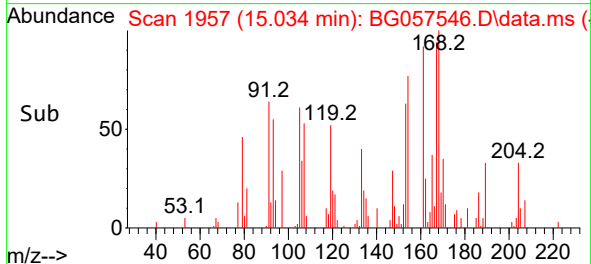
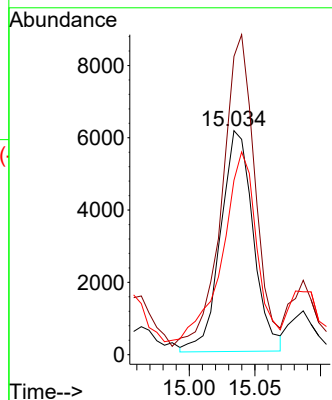
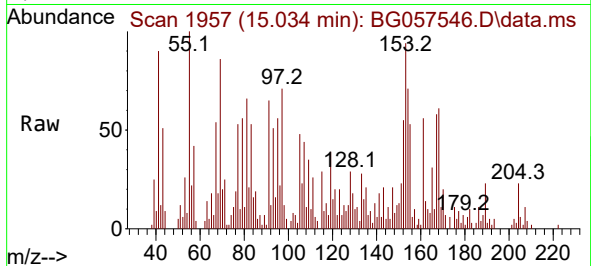




#52
Acenaphthene
Concen: 3.210 ng
RT: 15.034 min Scan# 1957
Delta R.T. -0.011 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

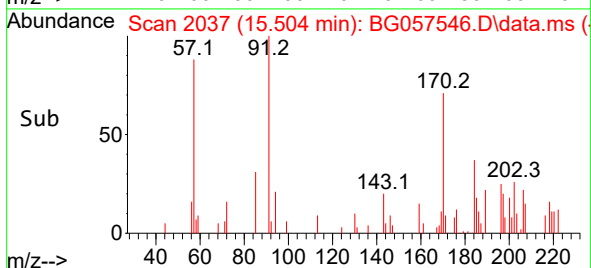
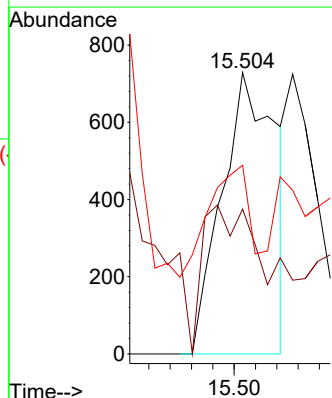
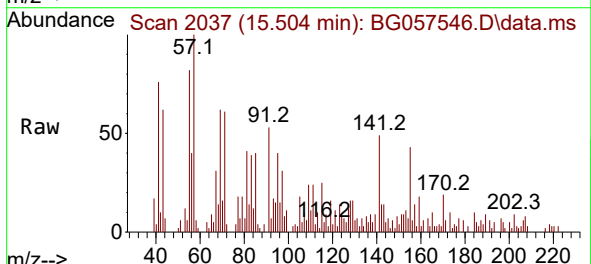
Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523

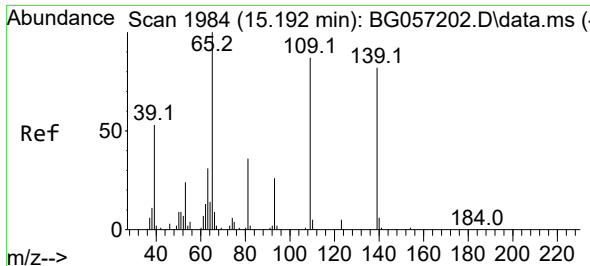
Tgt Ion:154 Resp: 10579
Ion Ratio Lower Upper
154 100
153 133.1 89.3 133.9
152 77.9 41.7 62.5#



#54
2,4-Dinitrophenol
Concen: 6.868 ng
RT: 15.504 min Scan# 2037
Delta R.T. 0.400 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

Tgt Ion:184 Resp: 1271
Ion Ratio Lower Upper
184 100
63 51.4 48.2 72.4
154 67.1 55.4 83.2

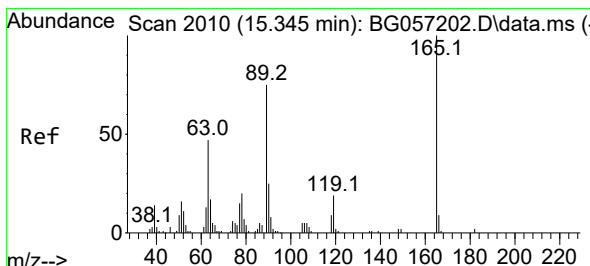
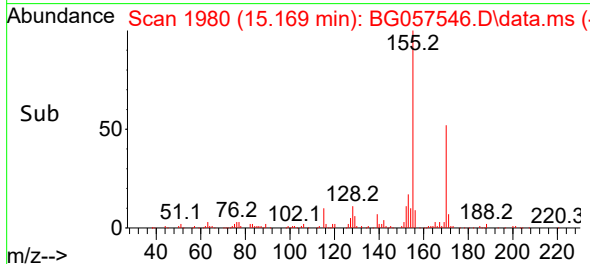
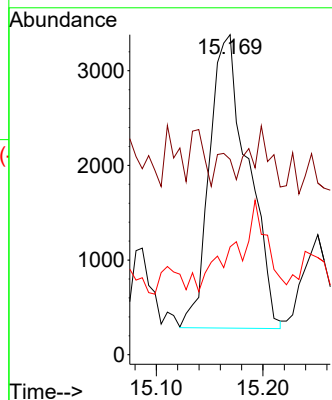
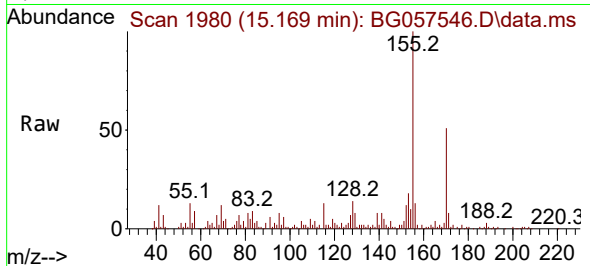




#56
4-Nitrophenol
Concen: 11.827 ng
RT: 15.169 min Scan# 1984
Delta R.T. -0.029 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

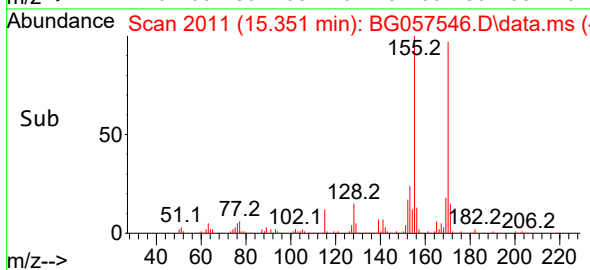
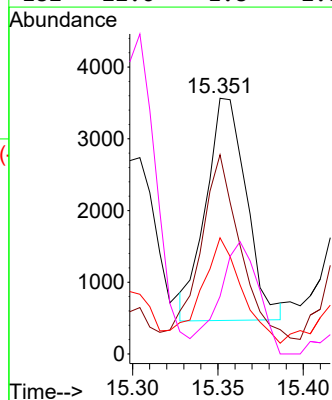
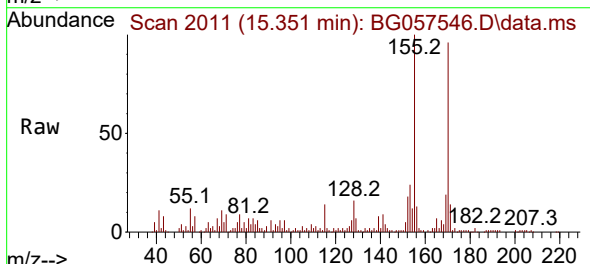
Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523

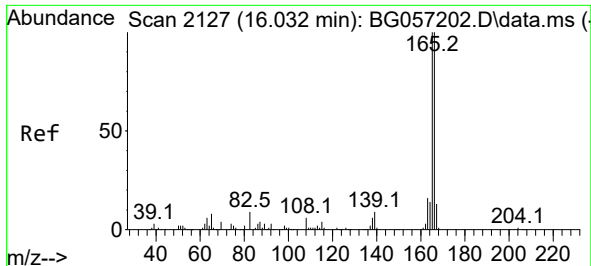
Tgt Ion:139 Resp: 7779
Ion Ratio Lower Upper
139 100
109 61.1 86.6 126.6#
65 33.7 102.6 142.6#



#57
2,4-Dinitrotoluene
Concen: 3.629 ng
RT: 15.351 min Scan# 2011
Delta R.T. 0.013 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

Tgt Ion:165 Resp: 5119
Ion Ratio Lower Upper
165 100
63 77.9 37.5 56.3#
89 45.4 60.2 90.4#
182 22.6 1.8 2.8#

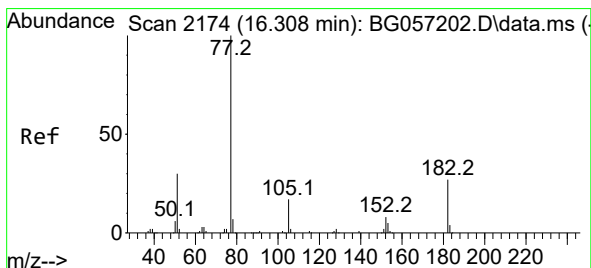
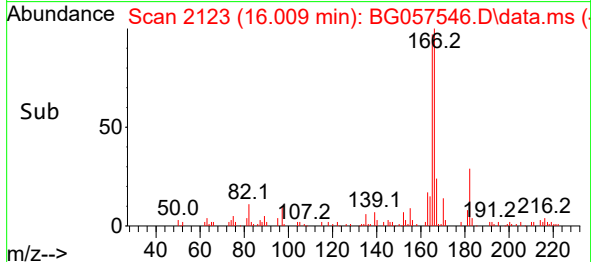
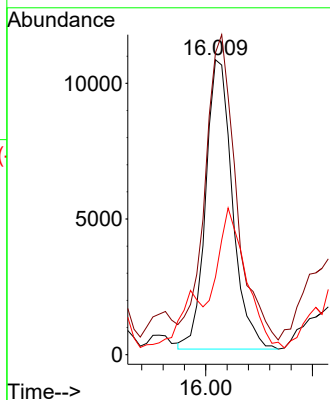
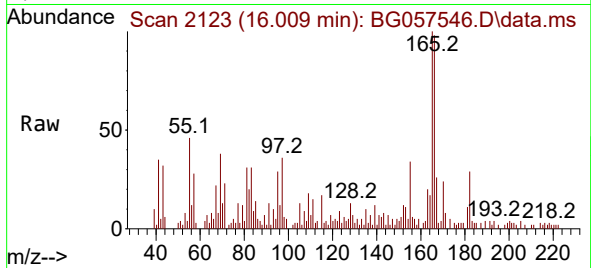




#58
 Fluorene
 Concen: 4.080 ng
 RT: 16.009 min Scan# 2123
 Delta R.T. -0.011 min
 Lab File: BG057546.D
 Acq: 24 May 2023 23:02

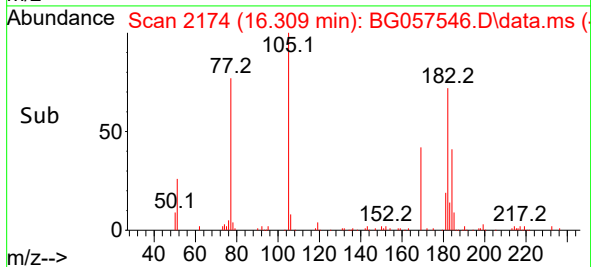
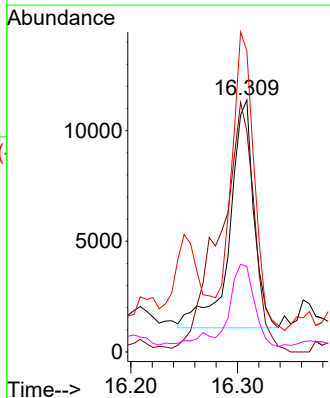
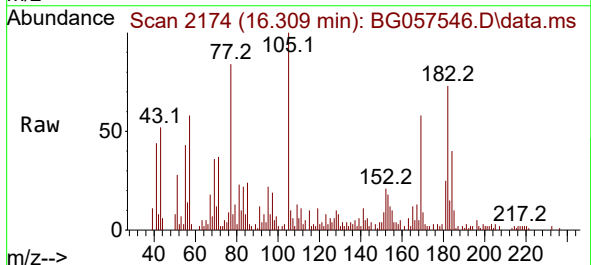
Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOLIDS-0523

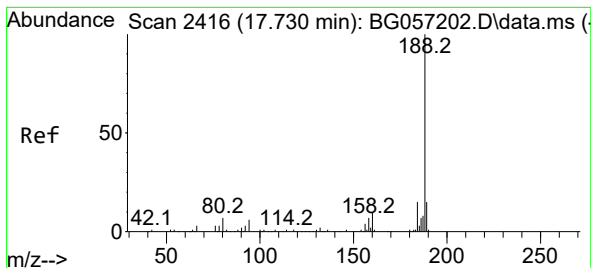
Tgt Ion:166 Resp: 18610
 Ion Ratio Lower Upper
 166 100
 165 102.4 80.1 120.1
 167 26.3 10.2 15.2#



#63
 Azobenzene
 Concen: 3.420 ng
 RT: 16.309 min Scan# 2174
 Delta R.T. 0.018 min
 Lab File: BG057546.D
 Acq: 24 May 2023 23:02

Tgt Ion: 77 Resp: 16202
 Ion Ratio Lower Upper
 77 100
 182 87.7 7.4 47.4#
 105 119.5 0.0 37.2#
 51 33.9 10.1 50.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.713 min Scan# 2416

Delta R.T. -0.011 min

Lab File: BG057546.D

Acq: 24 May 2023 23:02

Instrument :

BNA_G

ClientSampleId :

OILY-SOLIDS-0523

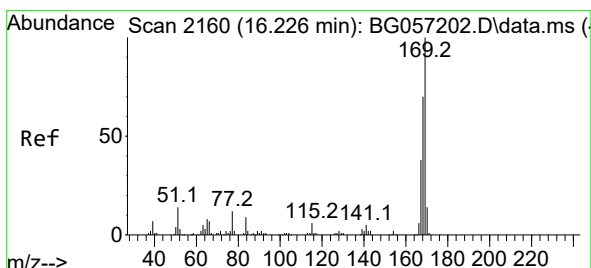
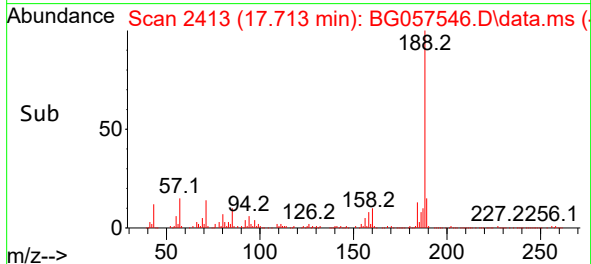
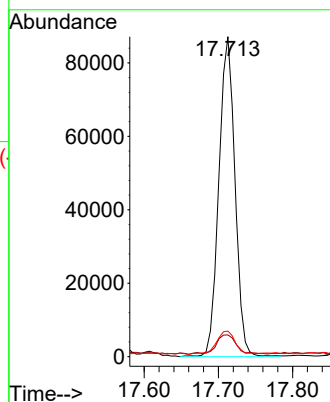
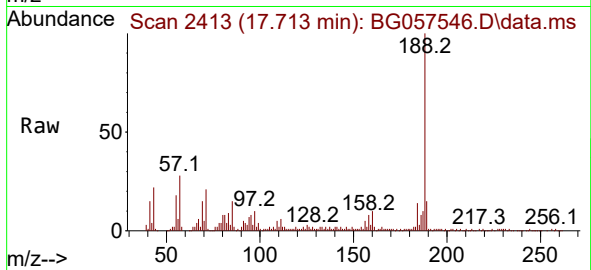
Tgt Ion:188 Resp: 131675

Ion Ratio Lower Upper

188 100

94 6.8 5.1 7.7

80 8.0 5.7 8.5



#66

n-Nitrosodiphenylamine

Concen: 4.232 ng

RT: 16.203 min Scan# 2156

Delta R.T. -0.011 min

Lab File: BG057546.D

Acq: 24 May 2023 23:02

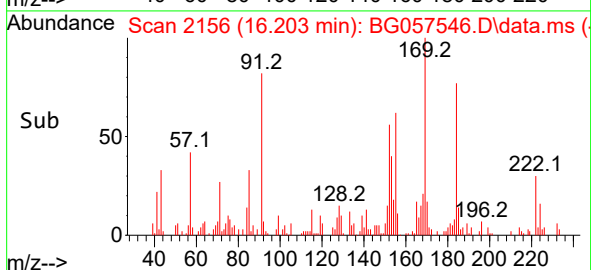
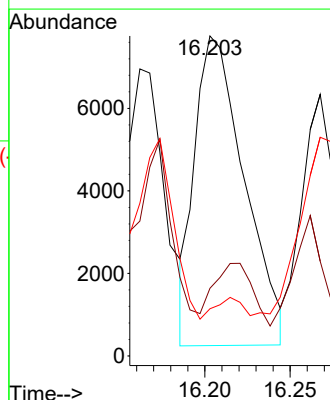
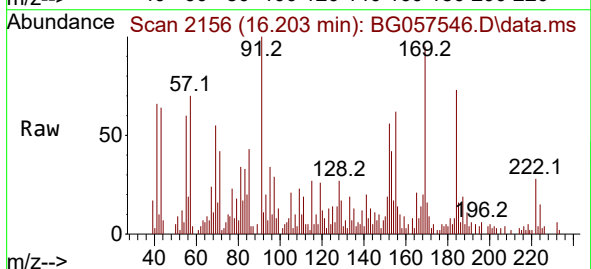
Tgt Ion:169 Resp: 15135

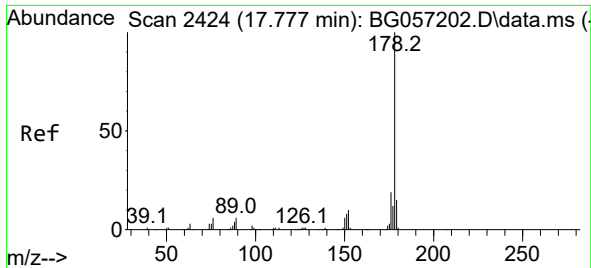
Ion Ratio Lower Upper

169 100

168 21.1 56.2 84.4#

167 14.7 30.2 45.4#

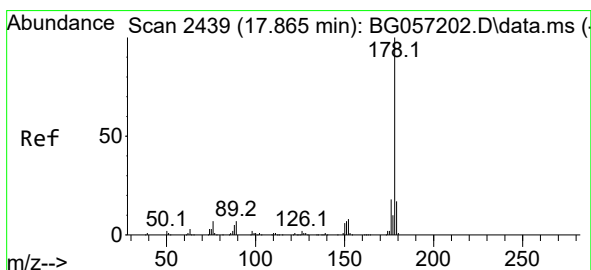
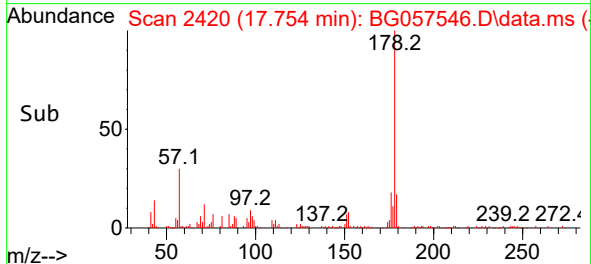
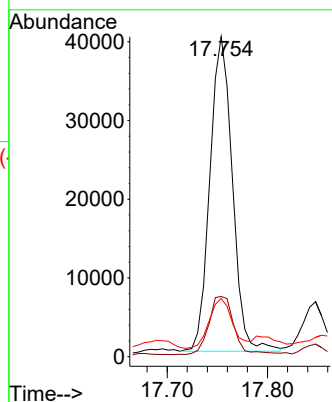
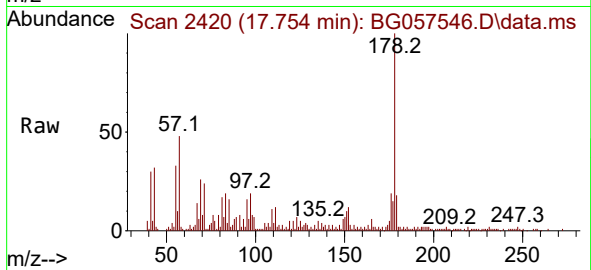




#71
Phenanthrene
Concen: 9.247 ng
RT: 17.754 min Scan# 2420
Delta R.T. -0.011 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

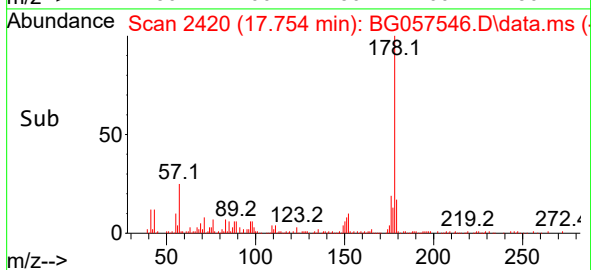
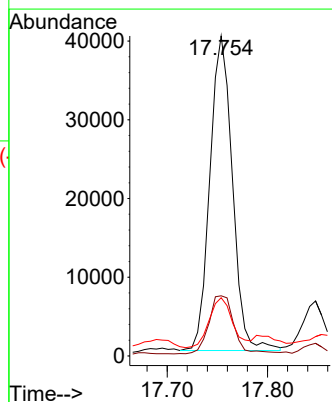
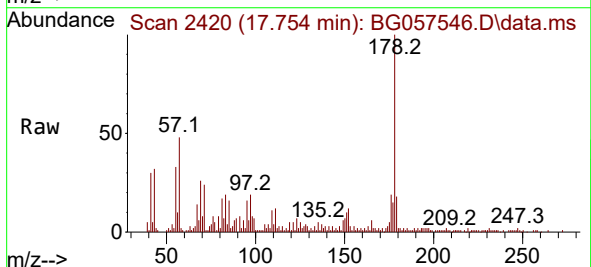
Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523

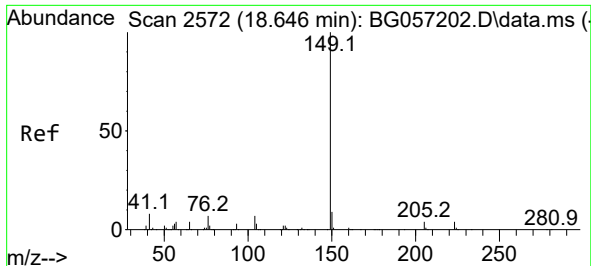
Tgt Ion:178	Resp:	62391
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.4 23.2
179	18.2	12.3 18.5



#72
Anthracene
Concen: 9.012 ng
RT: 17.754 min Scan# 2420
Delta R.T. -0.099 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

Tgt Ion:178	Resp:	62391
Ion Ratio	Lower	Upper
178	100	
176	18.8	14.7 22.1
179	18.2	13.2 19.8

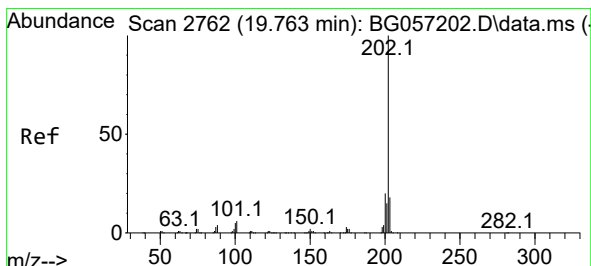
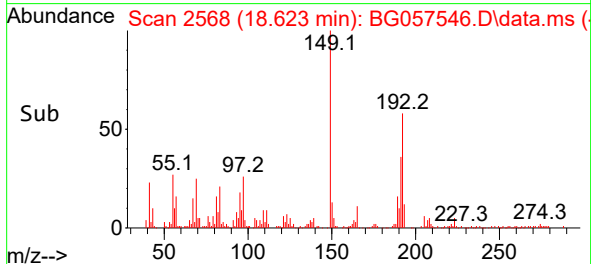
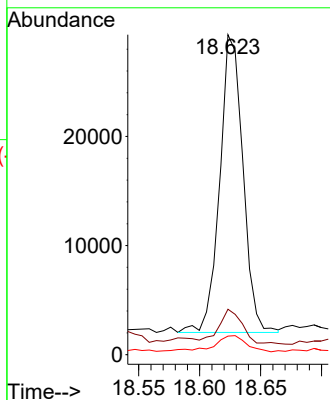
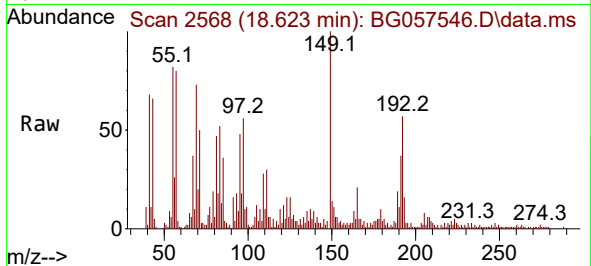




#74
Di-n-butylphthalate
Concen: 5.389 ng
RT: 18.623 min Scan# 217
Delta R.T. -0.011 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

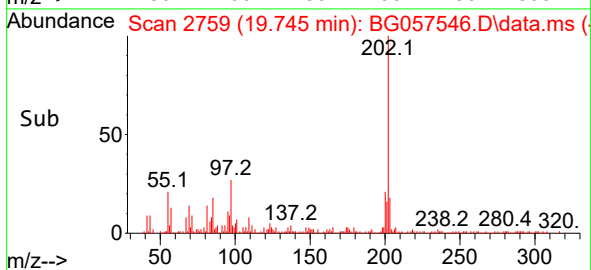
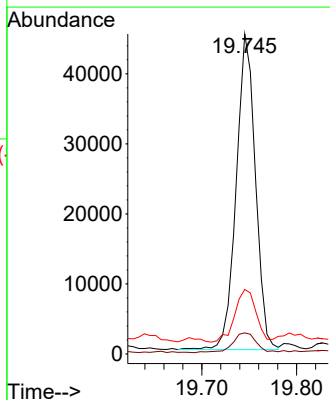
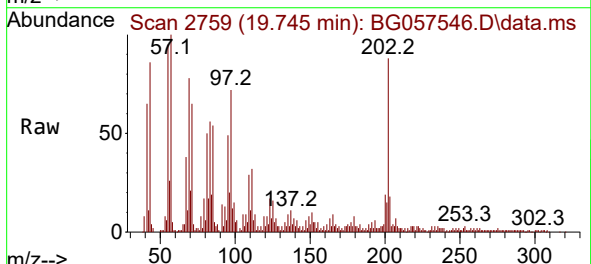
Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523

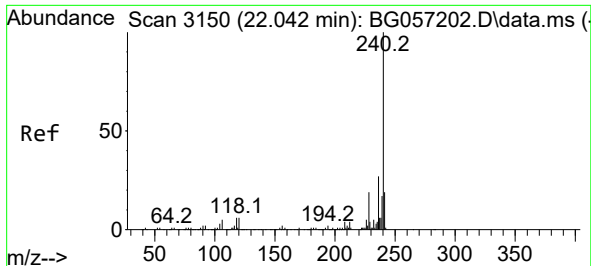
Tgt Ion:149 Resp: 36140
Ion Ratio Lower Upper
149 100
150 14.2 7.3 10.9#
104 5.8 5.4 8.2



#75
Fluoranthene
Concen: 7.568 ng
RT: 19.745 min Scan# 2759
Delta R.T. -0.005 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

Tgt Ion:202 Resp: 63513
Ion Ratio Lower Upper
202 100
101 6.6 0.0 26.2
203 20.2 0.0 37.9

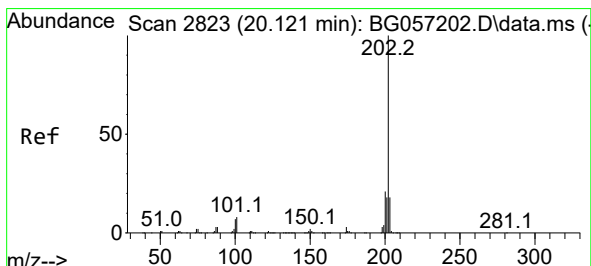
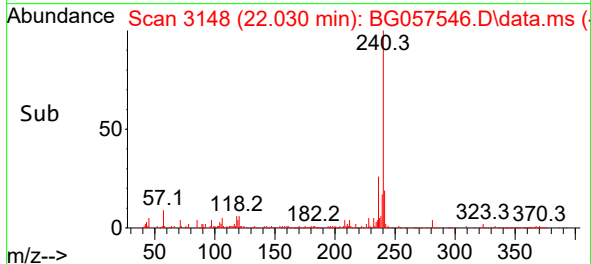
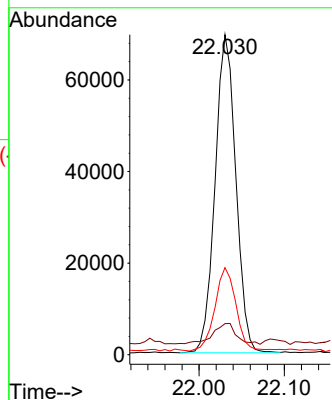
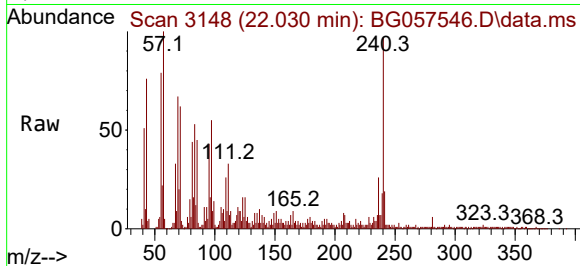




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.030 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

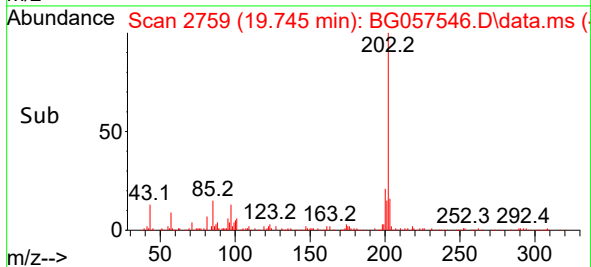
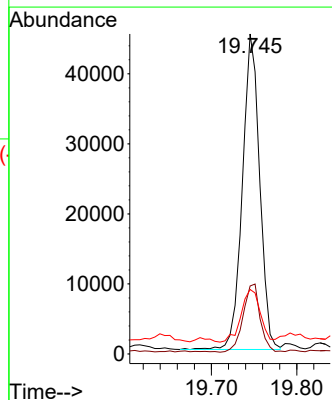
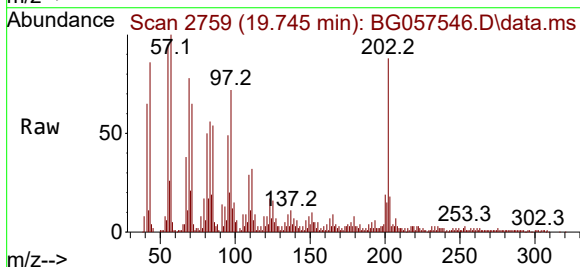
Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523

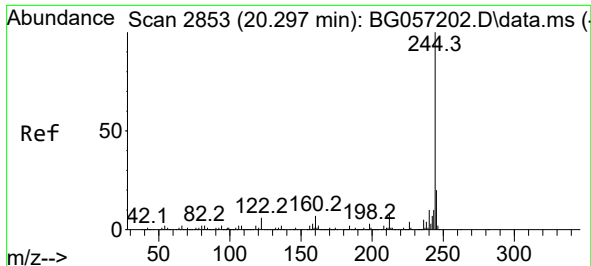
Tgt Ion:240 Resp: 117336
Ion Ratio Lower Upper
240 100
120 9.7 4.9 7.3#
236 27.2 21.4 32.2



#78
Pyrene
Concen: 7.431 ng
RT: 19.745 min Scan# 2759
Delta R.T. -0.369 min
Lab File: BG057546.D
Acq: 24 May 2023 23:02

Tgt Ion:202 Resp: 63360
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 20.2 14.2 21.4

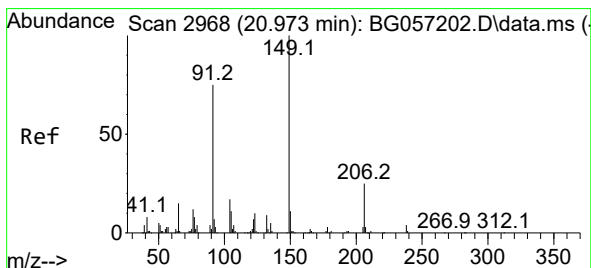
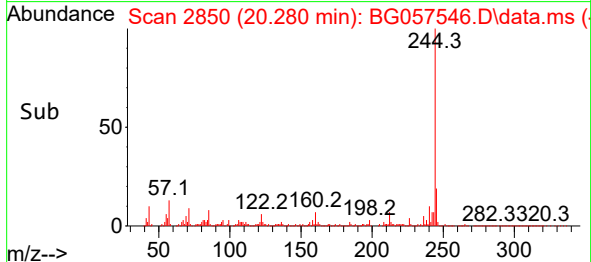
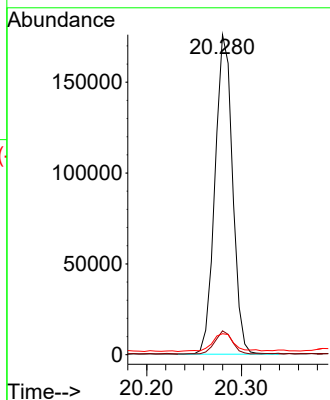
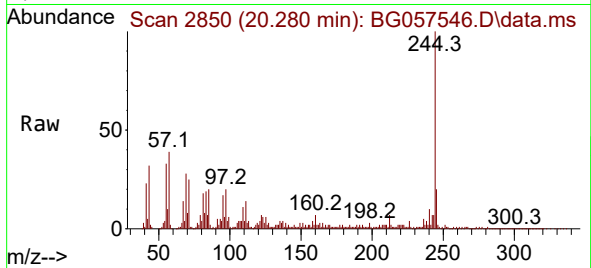




#79
 Terphenyl-d14
 Concen: 31.501 ng
 RT: 20.280 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG057546.D
 Acq: 24 May 2023 23:02

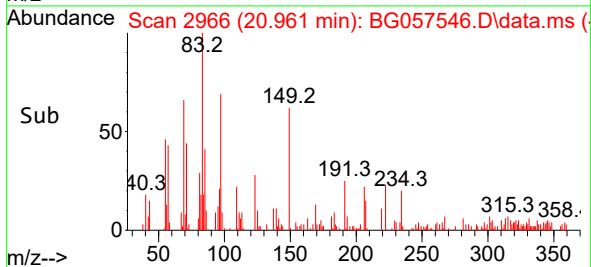
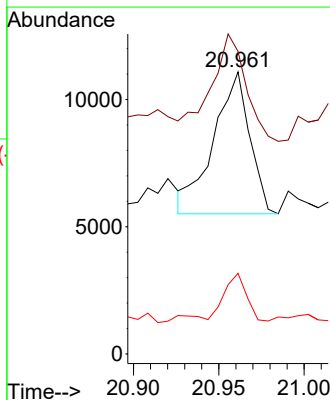
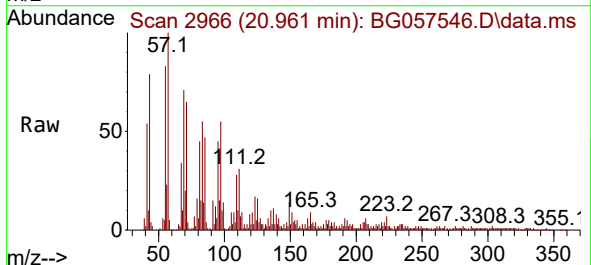
Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOLIDS-0523

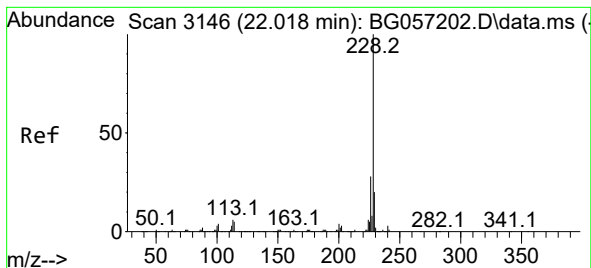
Tgt Ion:244 Resp: 226492
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 6.6 5.1 7.7



#80
 Butylbenzylphthalate
 Concen: 3.044 ng
 RT: 20.961 min Scan# 2966
 Delta R.T. 0.001 min
 Lab File: BG057546.D
 Acq: 24 May 2023 23:02

Tgt Ion:149 Resp: 8234
 Ion Ratio Lower Upper
 149 100
 91 107.3 59.7 89.5#
 206 28.6 19.7 29.5





#81

Benzo(a)anthracene

Concen: 3.019 ng

RT: 22.013 min Scan# 3145

Delta R.T. 0.001 min

Lab File: BG057546.D

Acq: 24 May 2023 23:02

Instrument :

BNA_G

ClientSampleId :

OILY-SOLIDS-0523

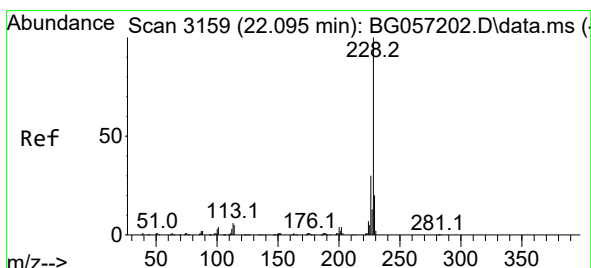
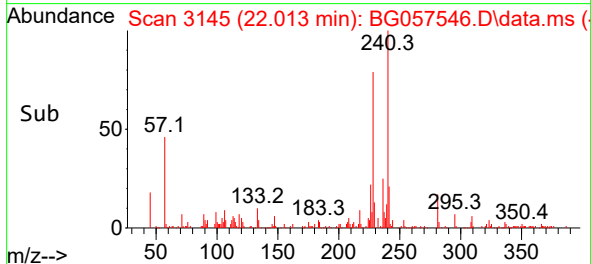
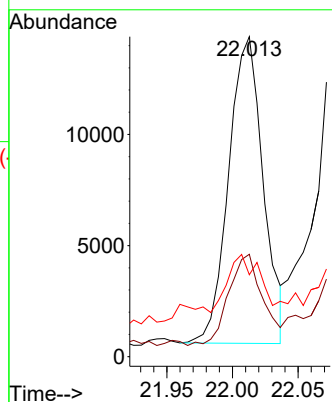
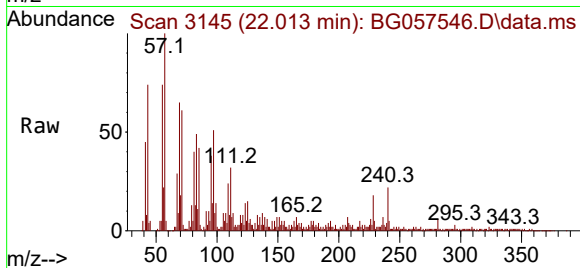
Tgt Ion:228 Resp: 25241

Ion Ratio Lower Upper

228 100

226 32.0 22.0 33.0

229 25.6 15.8 23.8#



#83

Chrysene

Concen: 3.745 ng

RT: 22.083 min Scan# 3157

Delta R.T. 0.001 min

Lab File: BG057546.D

Acq: 24 May 2023 23:02

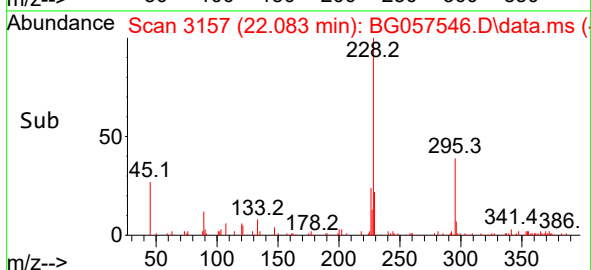
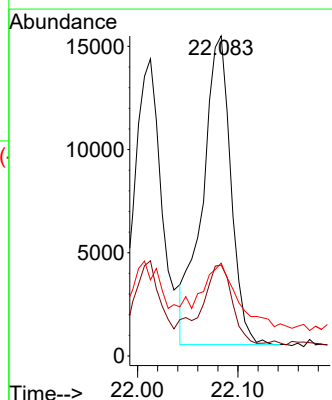
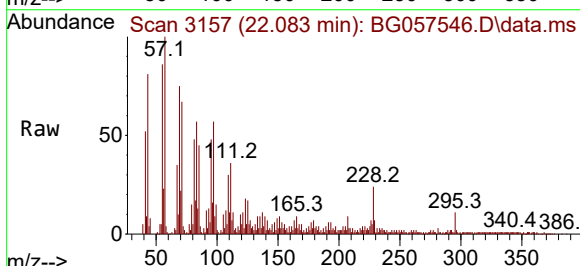
Tgt Ion:228 Resp: 29455

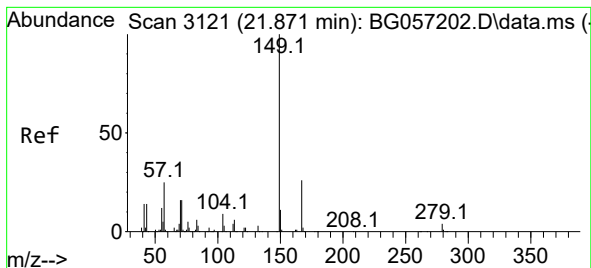
Ion Ratio Lower Upper

228 100

226 28.5 24.3 36.5

229 29.0 15.9 23.9#





#84

Bis(2-ethylhexyl)phthalate

Concen: 96.184 ng

RT: 21.848 min Scan# 3117

Delta R.T. 0.001 min

Lab File: BG057546.D

Acq: 24 May 2023 23:02

Instrument :

BNA_G

ClientSampleId :

OILY-SOLIDS-0523

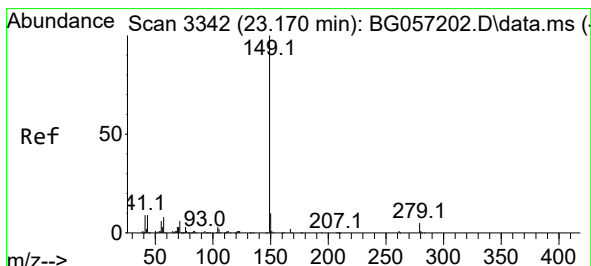
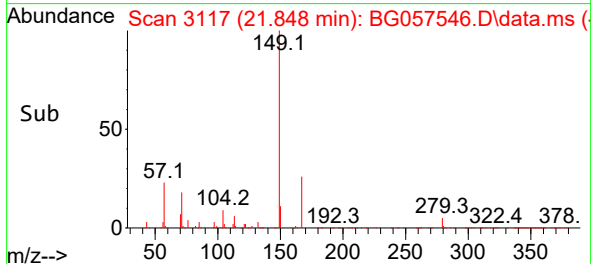
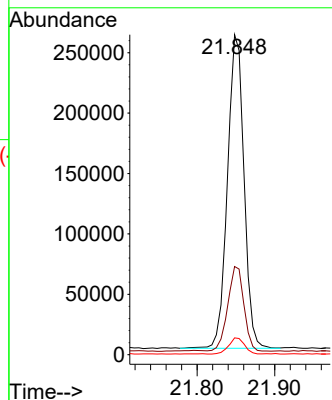
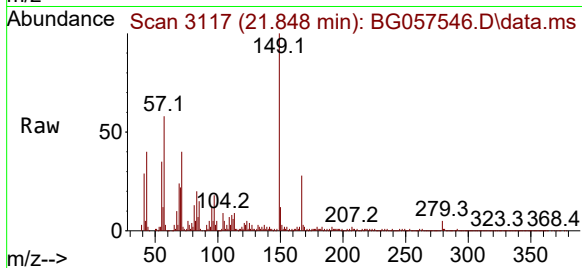
Tgt Ion:149 Resp: 384999

Ion Ratio Lower Upper

149 100

167 27.6 21.2 31.8

279 5.3 3.5 5.3



#85

Di-n-octyl phthalate

Concen: 2.096 ng

RT: 23.147 min Scan# 3338

Delta R.T. 0.001 min

Lab File: BG057546.D

Acq: 24 May 2023 23:02

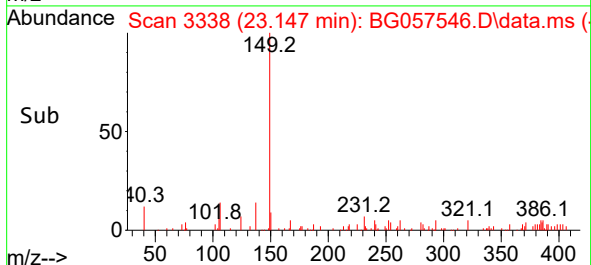
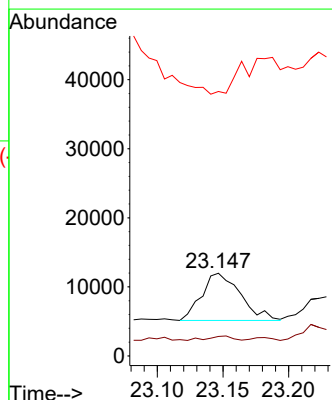
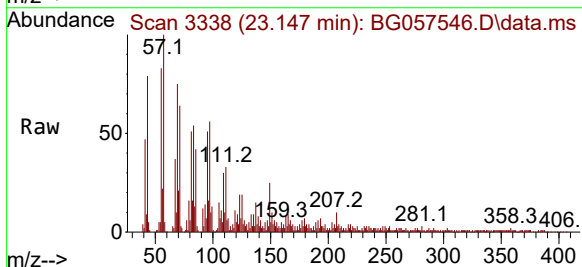
Tgt Ion:149 Resp: 13986

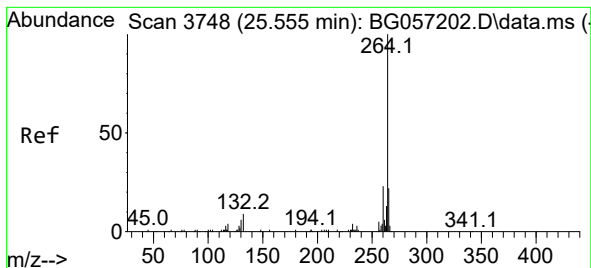
Ion Ratio Lower Upper

149 100

167 5.8 1.3 1.9#

43 0.0 7.8 11.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.543 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG057546.D

Acq: 24 May 2023 23:02

Instrument :

BNA_G

ClientSampleId :

OILY-SOLIDS-0523

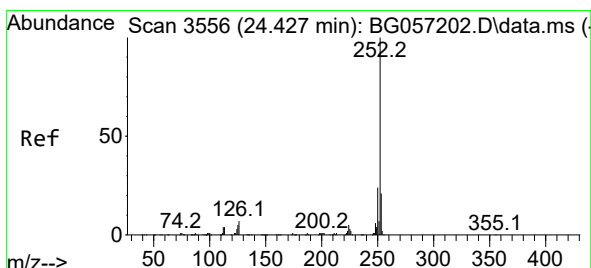
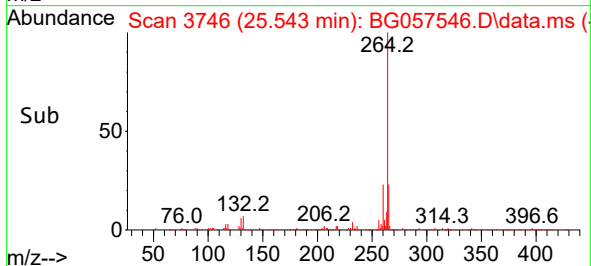
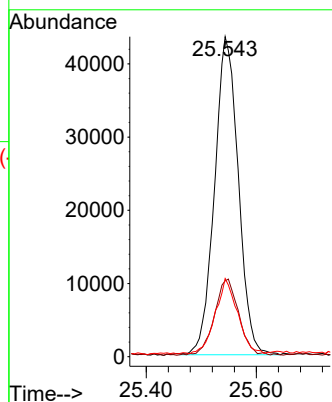
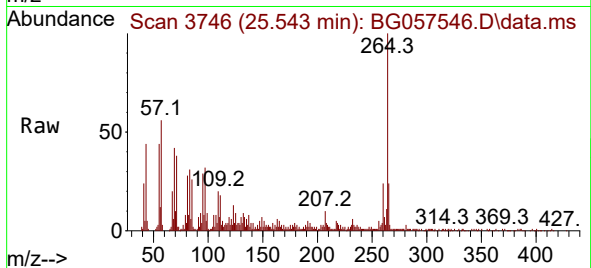
Tgt Ion:264 Resp: 130376

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 24.4 17.9 26.9



#88

Benzo(b)fluoranthene

Concen: 4.224 ng

RT: 24.415 min Scan# 3554

Delta R.T. -0.005 min

Lab File: BG057546.D

Acq: 24 May 2023 23:02

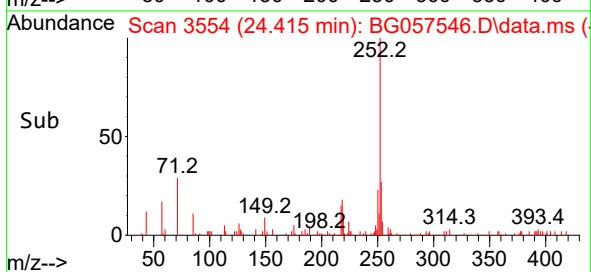
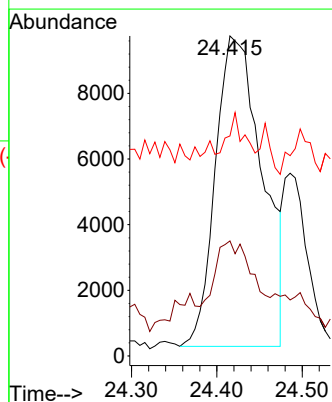
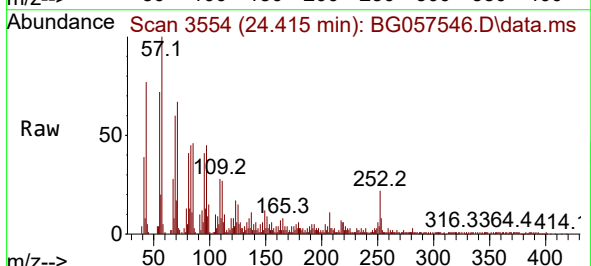
Tgt Ion:252 Resp: 35996

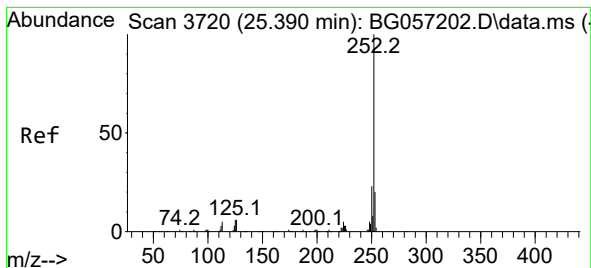
Ion Ratio Lower Upper

252 100

253 35.9 17.0 25.6#

125 68.7 4.2 6.2#





#90

Benzo(a)pyrene

Concen: 2.295 ng

RT: 25.379 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG057546.D

Acq: 24 May 2023 23:02

Instrument :

BNA_G

ClientSampleId :

OILY-SOLIDS-0523

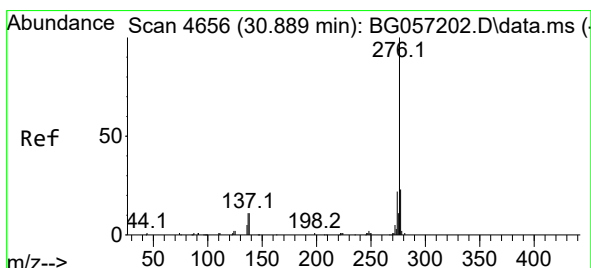
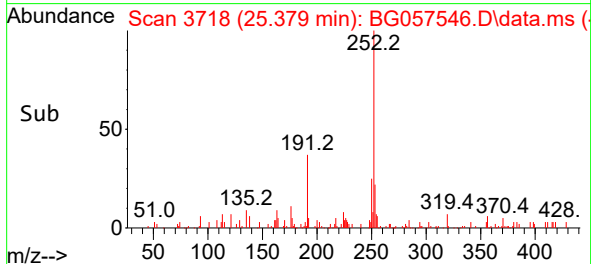
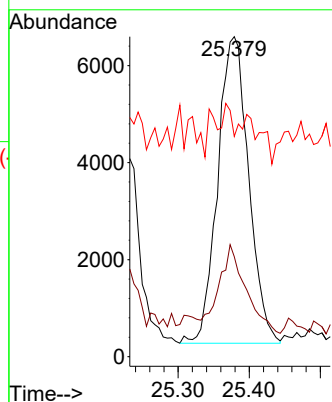
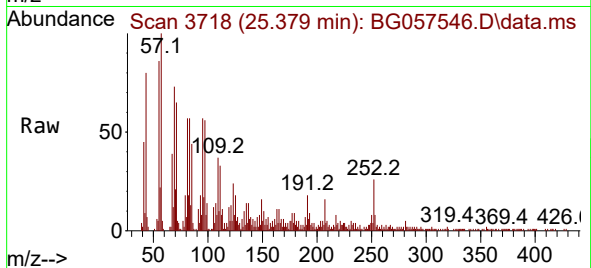
Tgt Ion:252 Resp: 19108

Ion Ratio Lower Upper

252 100

253 31.2 16.3 24.5#

125 68.8 5.0 7.4#



#92

Benzo(g,h,i)perylene

Concen: 2.284 ng

RT: 30.883 min Scan# 4655

Delta R.T. -0.011 min

Lab File: BG057546.D

Acq: 24 May 2023 23:02

Tgt Ion:276 Resp: 17651

Ion Ratio Lower Upper

276 100

277 36.7 18.4 27.6#

138 13.2 9.0 13.4

