

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
 Data File : BG057574.D
 Acq On : 26 May 2023 2:05
 Operator : CG/JU
 Sample : 02897-01DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOLIDS-0523DL

Quant Time: May 26 03:03:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 02:58:05 2023
 Response via : Initial Calibration

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

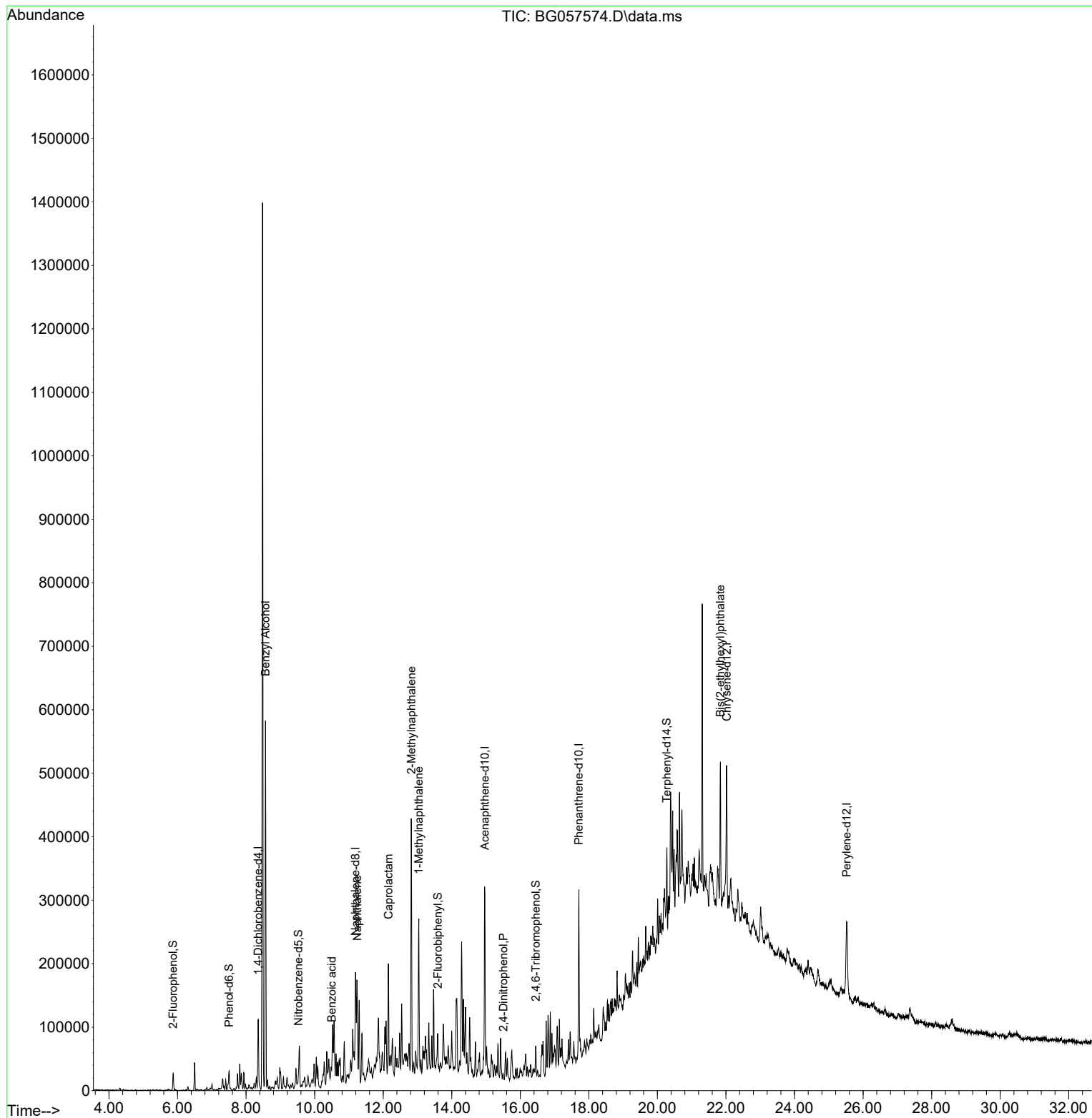
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.350	152	26480	20.000	ng	0.00
21) Naphthalene-d8	11.187	136	99815	20.000	ng	0.00
39) Acenaphthene-d10	14.965	164	67901	20.000	ng	0.00
64) Phenanthrene-d10	17.708	188	158366	20.000	ng	0.00
76) Chrysene-d12	22.020	240	141643	20.000	ng	0.00
86) Perylene-d12	25.521	264	158795	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.871	112	13218	8.539	ng	0.00
7) Phenol-d6	7.498	99	19325	8.221	ng	0.00
23) Nitrobenzene-d5	9.531	82	12928	5.436	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	8025	8.329	ng	0.00
45) 2-Fluorobiphenyl	13.590	172	28835	5.719	ng	0.00
79) Terphenyl-d14	20.275	244	50274	5.792	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.463	77	72	Below Cal	#	11
15) Benzyl Alcohol	8.567	79	32068	16.376	ng	59
31) Naphthalene	11.240	128	88346	16.556	ng	98
32) Benzoic acid	10.500	122	199	4.910	ng	1
35) Caprolactam	12.151	113	6059	10.395	ng	22
37) 2-Methylnaphthalene	12.820	142	193989	46.237	ng	95
38) 1-Methylnaphthalene	13.038	142	110598	27.967	ng	96
54) 2,4-Dinitrophenol	15.505	184	121	5.077	ng	18
84) Bis(2-ethylhexyl)phtha...	21.838	149	87455	18.099	ng	98

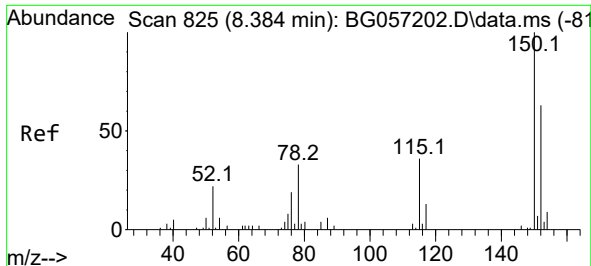
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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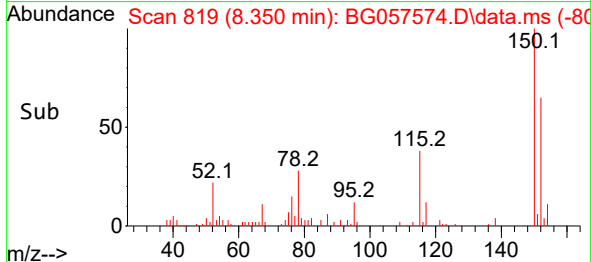
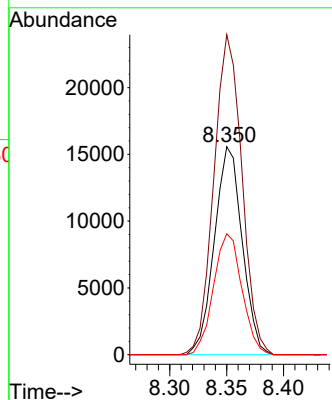
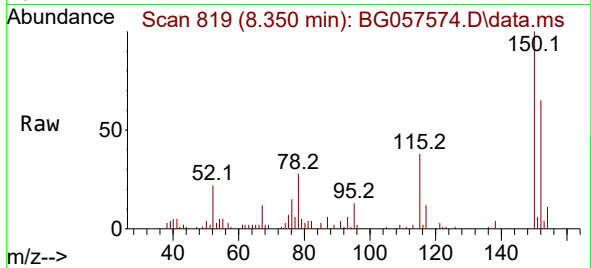




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.350 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057574.D
Acq: 26 May 2023 2:05

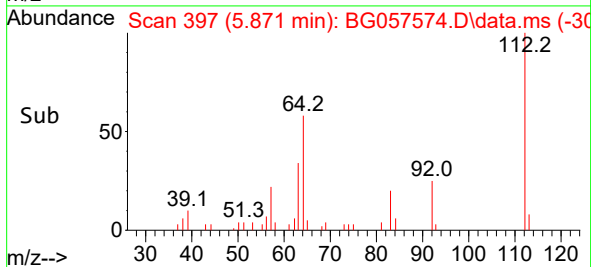
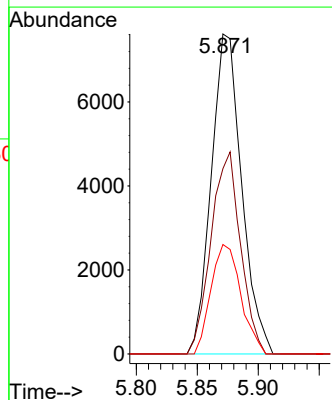
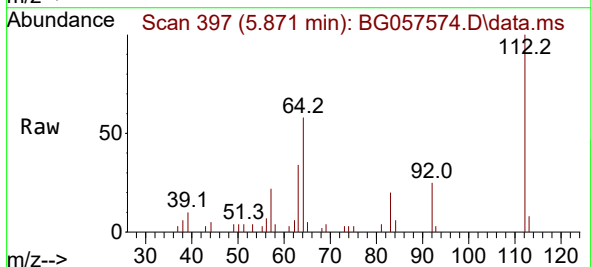
Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523DL

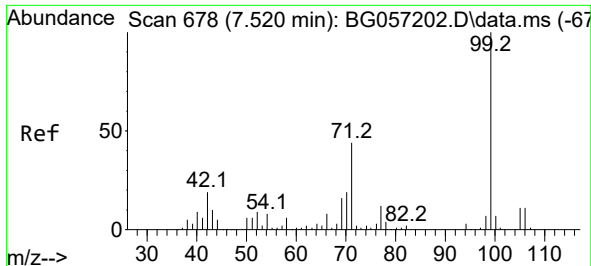
Tgt Ion:152 Resp: 26480
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.4
115 58.2 45.0 67.4



#5
2-Fluorophenol
Concen: 8.539 ng
RT: 5.871 min Scan# 397
Delta R.T. -0.001 min
Lab File: BG057574.D
Acq: 26 May 2023 2:05

Tgt Ion:112 Resp: 13218
Ion Ratio Lower Upper
112 100
64 57.9 49.4 74.2
63 34.2 31.6 47.4

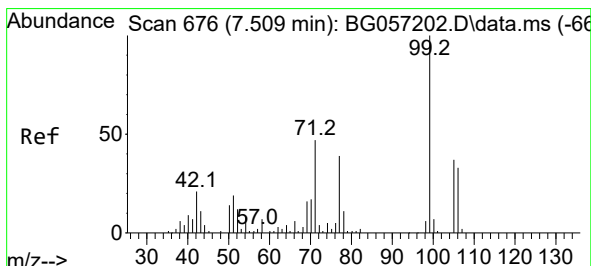
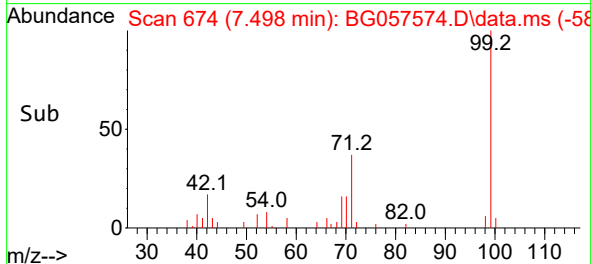
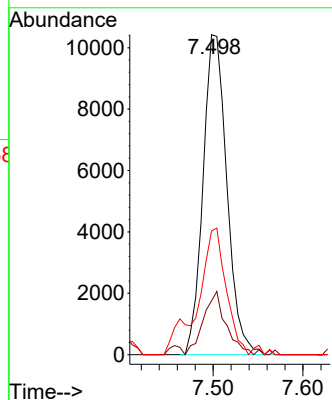
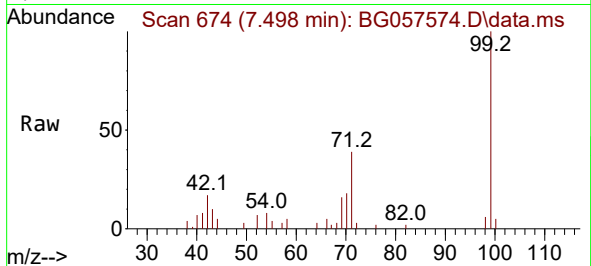




#7
Phenol-d6
Concen: 8.221 ng
RT: 7.498 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057574.D
Acq: 26 May 2023 2:05

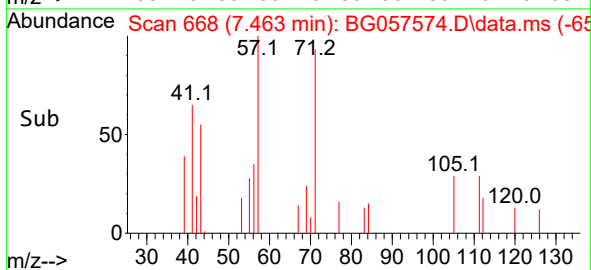
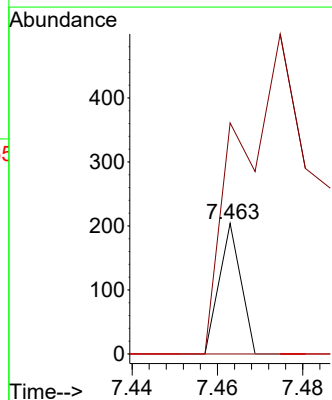
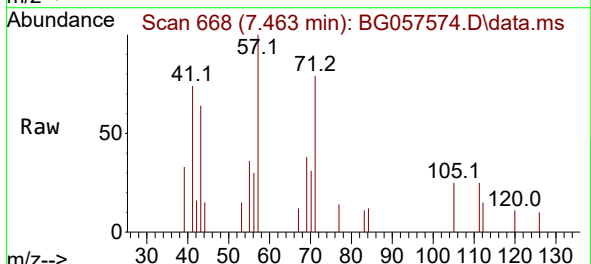
Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523DL

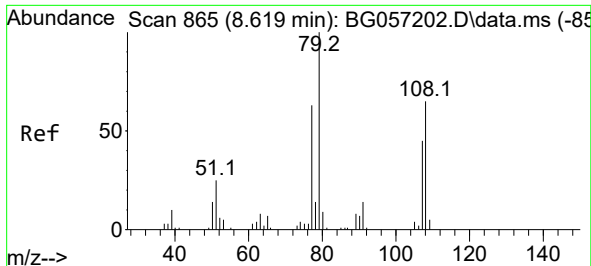
Tgt Ion: 99 Resp: 19325
Ion Ratio Lower Upper
99 100
42 16.8 15.1 22.7
71 38.7 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.463 min Scan# 668
Delta R.T. -0.019 min
Lab File: BG057574.D
Acq: 26 May 2023 2:05

Tgt Ion: 77 Resp: 72
Ion Ratio Lower Upper
77 100
105 177.0 74.6 114.6#
106 0.0 66.3 106.3#

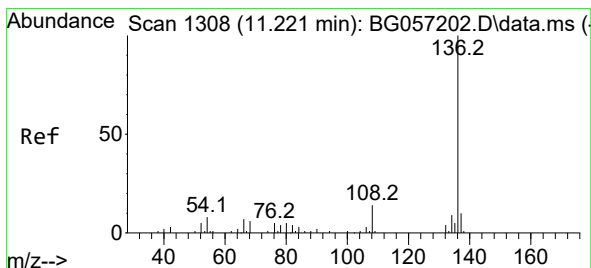
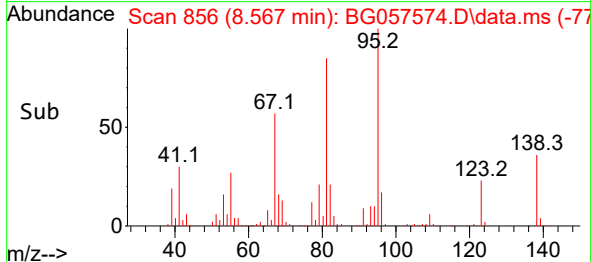
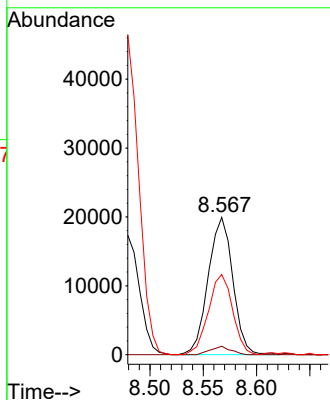
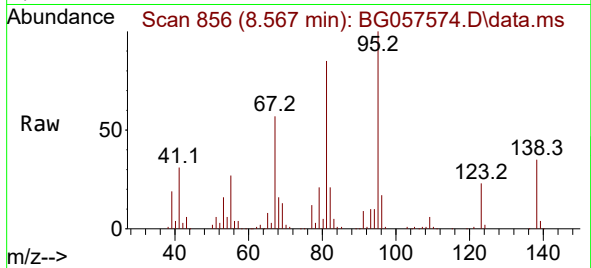




#15
Benzyl Alcohol
Concen: 16.376 ng
RT: 8.567 min Scan# 81
Delta R.T. -0.025 min
Lab File: BG057574.D
Acq: 26 May 2023 2:05

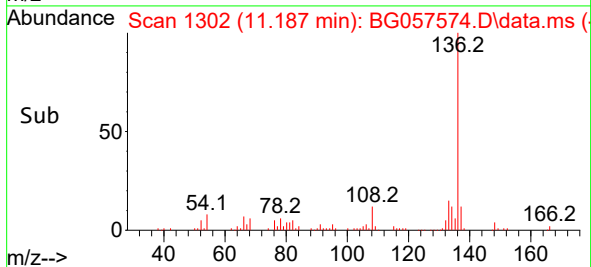
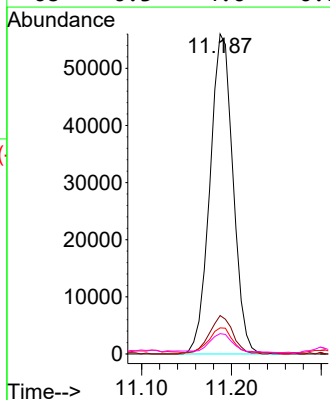
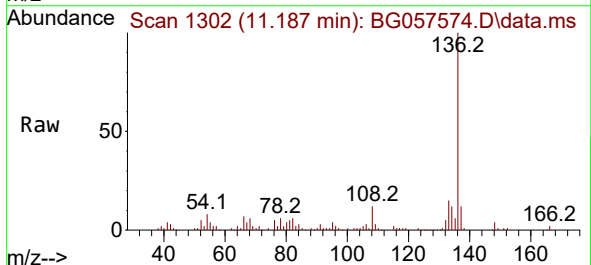
Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523DL

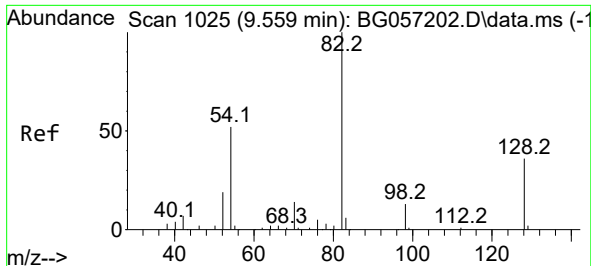
Tgt Ion: 79 Resp: 32068
Ion Ratio Lower Upper
79 100
108 6.2 52.2 78.2#
77 58.4 50.1 75.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.187 min Scan# 1302
Delta R.T. -0.007 min
Lab File: BG057574.D
Acq: 26 May 2023 2:05

Tgt Ion:136 Resp: 99815
Ion Ratio Lower Upper
136 100
137 12.0 8.3 12.5
54 8.1 6.7 10.1
68 6.3 4.6 6.8

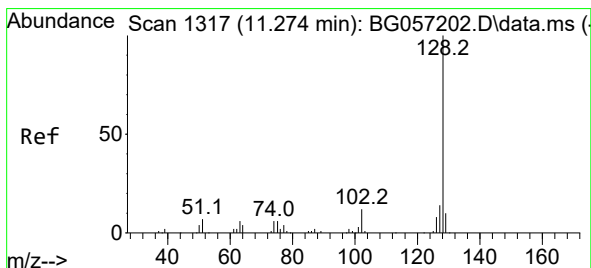
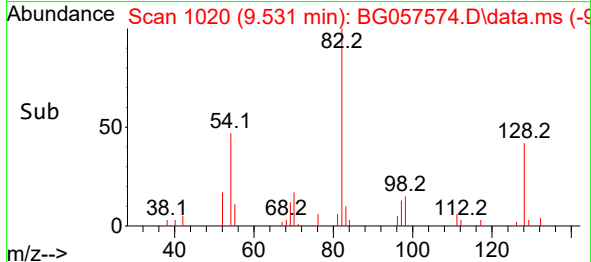
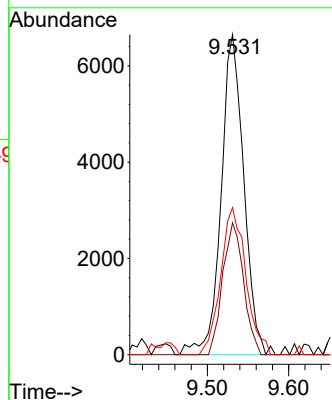
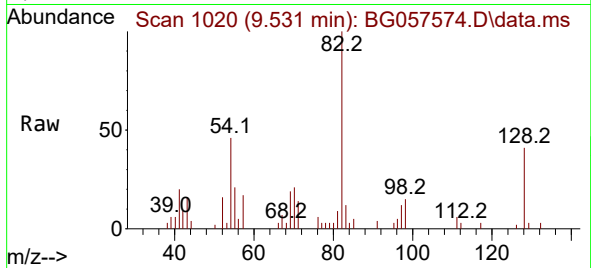




#23
Nitrobenzene-d5
Concen: 5.436 ng
RT: 9.531 min Scan# 1020
Delta R.T. -0.007 min
Lab File: BG057574.D
Acq: 26 May 2023 2:05

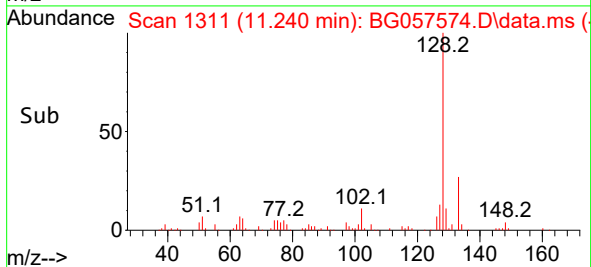
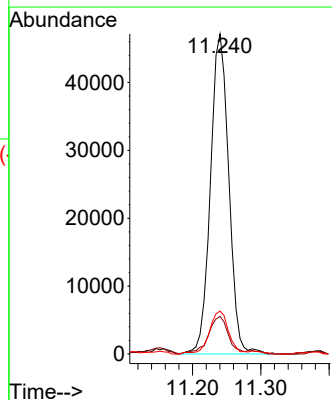
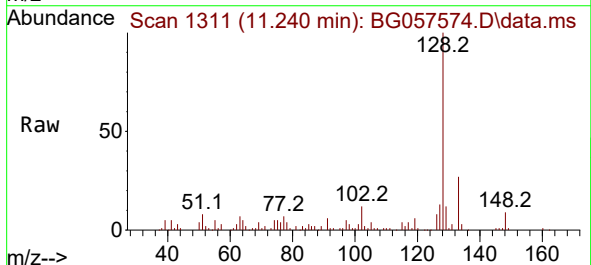
Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523DL

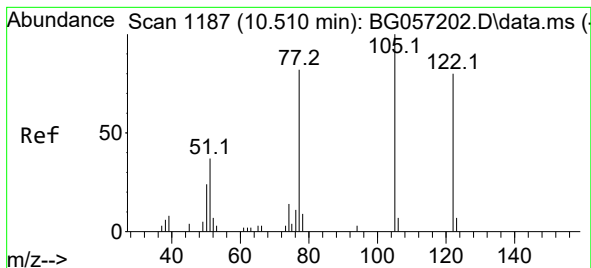
Tgt Ion: 82 Resp: 12928
Ion Ratio Lower Upper
82 100
128 41.2 29.0 43.4
54 45.9 41.4 62.0



#31
Naphthalene
Concen: 16.556 ng
RT: 11.240 min Scan# 1311
Delta R.T. -0.001 min
Lab File: BG057574.D
Acq: 26 May 2023 2:05

Tgt Ion: 128 Resp: 88346
Ion Ratio Lower Upper
128 100
129 11.7 8.3 12.5
127 13.4 11.1 16.7





#32

Benzoic acid

Concen: 4.910 ng

RT: 10.500 min Scan# 1187

Delta R.T. 0.005 min

Lab File: BG057574.D

Acq: 26 May 2023 2:05

Instrument :

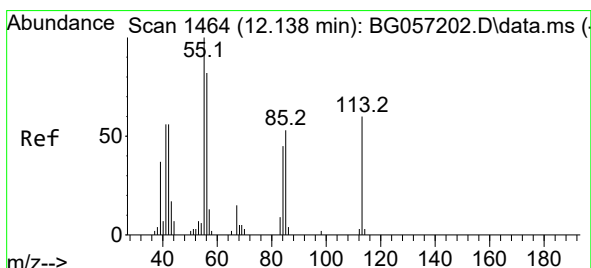
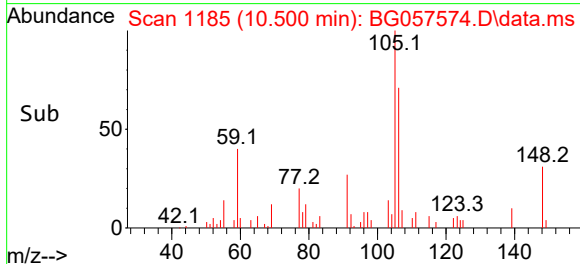
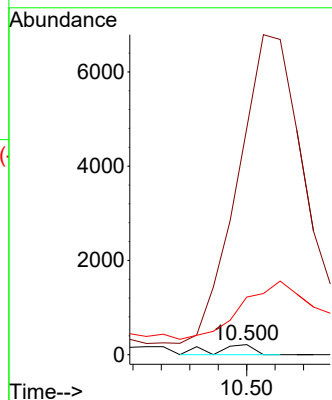
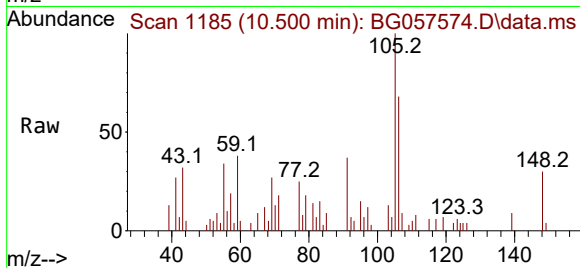
BNA_G

ClientSampleId :

OILY-SOLIDS-0523DL

Tgt Ion:122 Resp: 199

Ion	Ratio	Lower	Upper
122	100		
105	2245.3	105.2	145.2#
77	570.6	83.1	123.1#



#35

Caprolactam

Concen: 10.395 ng

RT: 12.151 min Scan# 1466

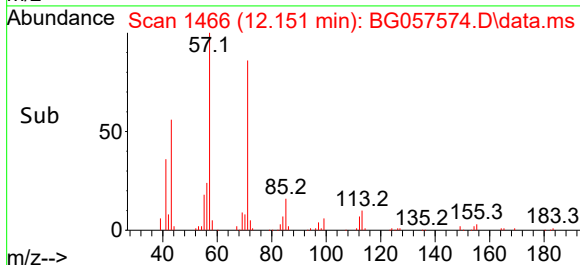
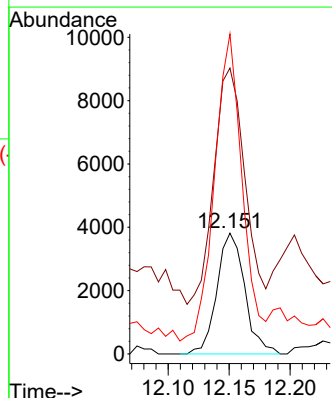
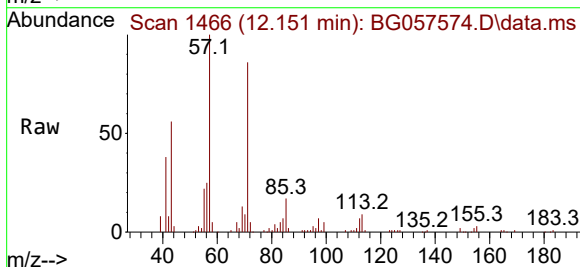
Delta R.T. 0.022 min

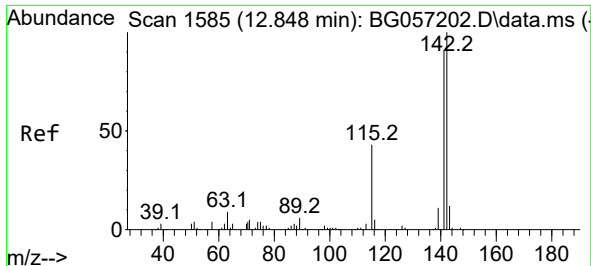
Lab File: BG057574.D

Acq: 26 May 2023 2:05

Tgt Ion:113 Resp: 6059

Ion	Ratio	Lower	Upper
113	100		
55	236.8	145.5	185.5#
56	265.0	115.9	155.9#





#37

2-Methylnaphthalene

Concen: 46.237 ng

RT: 12.820 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG057574.D

Acq: 26 May 2023 2:05

Instrument :

BNA_G

ClientSampleId :

OILY-SOLIDS-0523DL

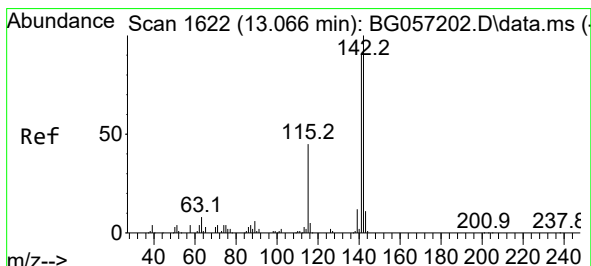
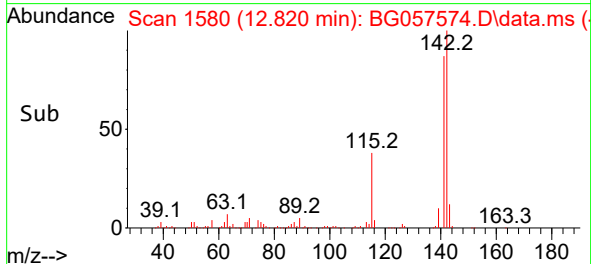
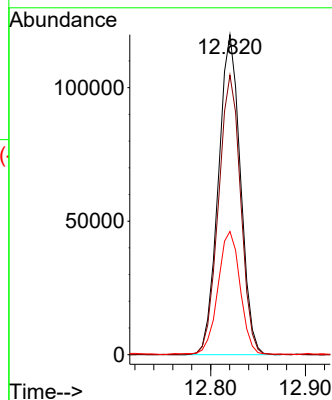
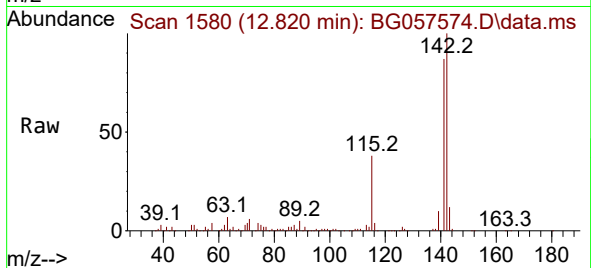
Tgt Ion:142 Resp: 193989

Ion Ratio Lower Upper

142 100

141 87.3 73.1 109.7

115 38.5 34.6 52.0



#38

1-Methylnaphthalene

Concen: 27.967 ng

RT: 13.038 min Scan# 1617

Delta R.T. -0.001 min

Lab File: BG057574.D

Acq: 26 May 2023 2:05

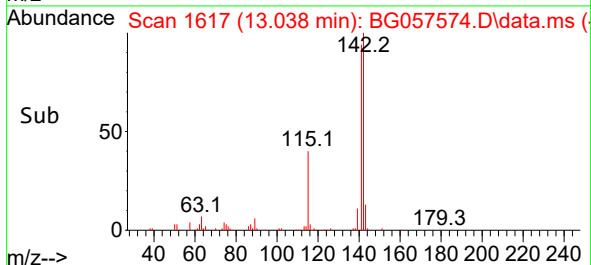
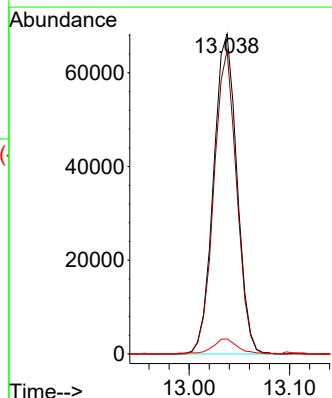
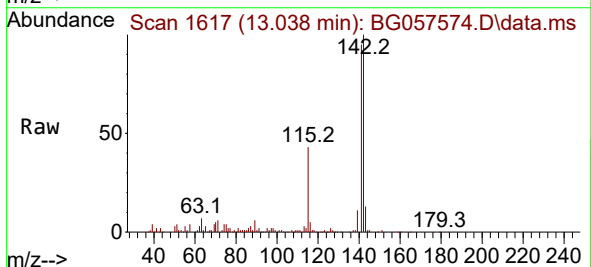
Tgt Ion:142 Resp: 110598

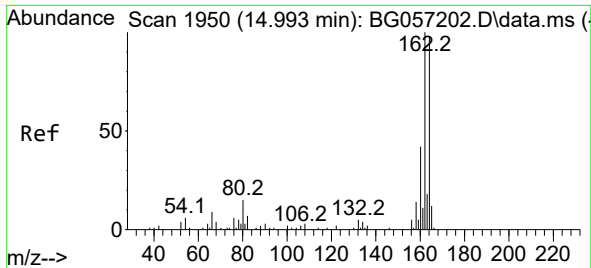
Ion Ratio Lower Upper

142 100

141 94.9 72.5 108.7

116 4.7 3.7 5.5

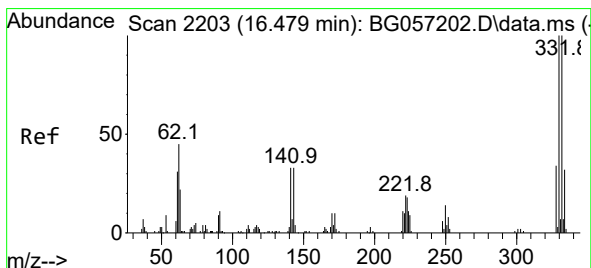
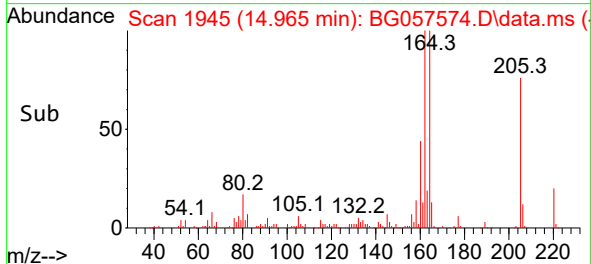
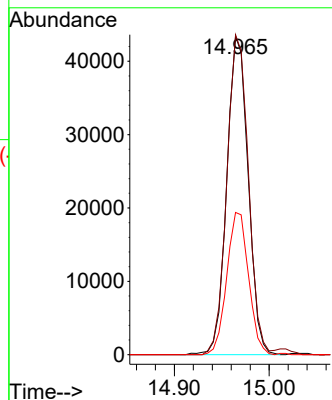
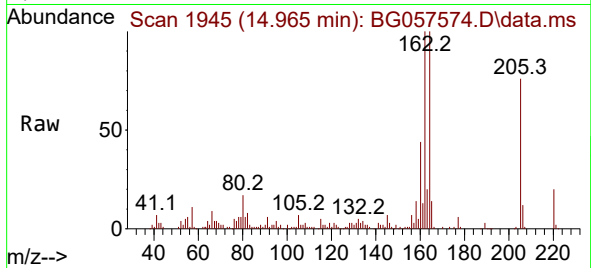




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.965 min Scan# 1950
Delta R.T. -0.007 min
Lab File: BG057574.D
Acq: 26 May 2023 2:05

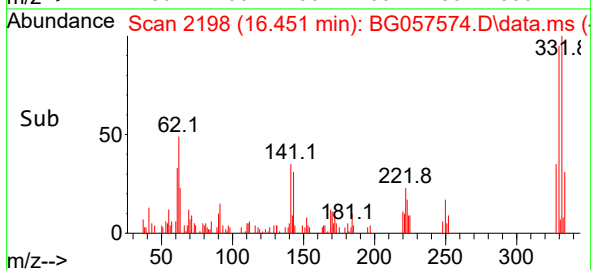
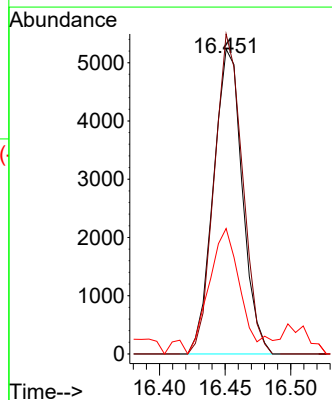
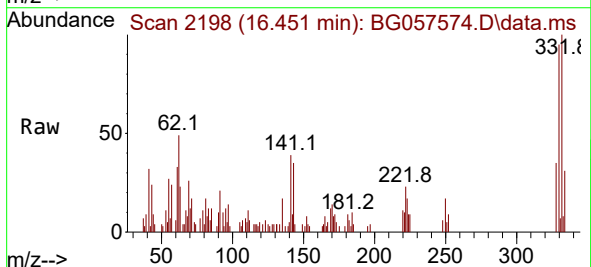
Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523DL

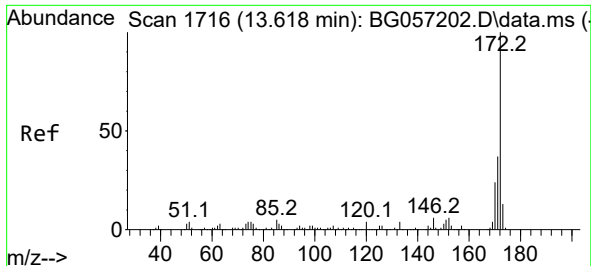
Tgt Ion:164 Resp: 67901
Ion Ratio Lower Upper
164 100
162 100.4 81.8 122.6
160 44.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 8.329 ng
RT: 16.451 min Scan# 2198
Delta R.T. -0.007 min
Lab File: BG057574.D
Acq: 26 May 2023 2:05

Tgt Ion:330 Resp: 8025
Ion Ratio Lower Upper
330 100
332 102.1 78.2 117.2
141 47.1 27.8 41.8#

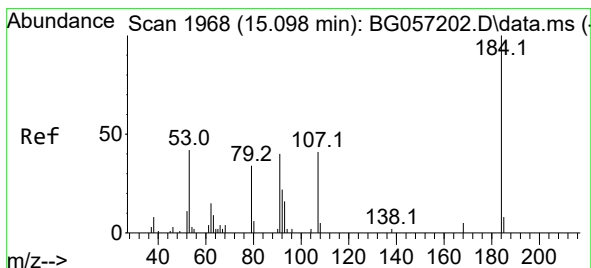
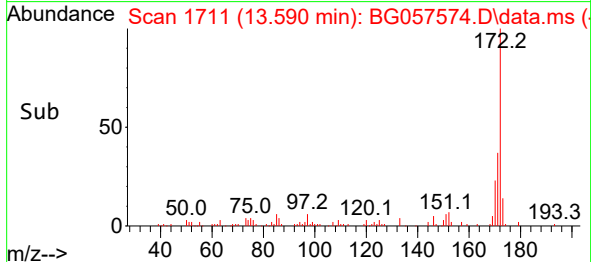
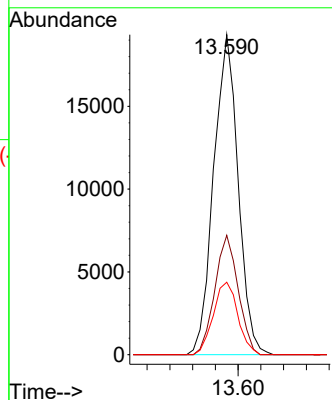
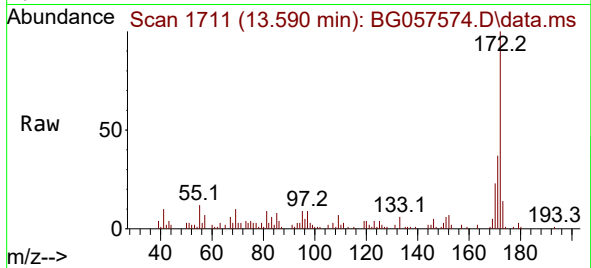




#45
2-Fluorobiphenyl
Concen: 5.719 ng
RT: 13.590 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057574.D
Acq: 26 May 2023 2:05

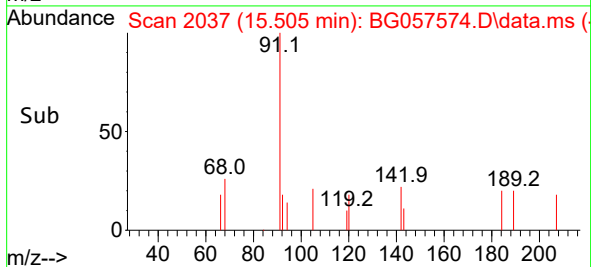
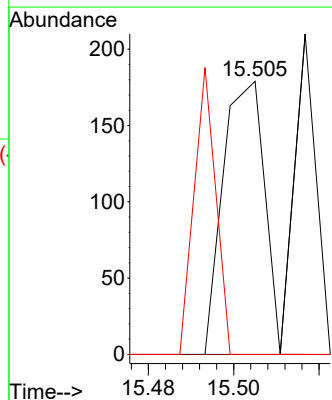
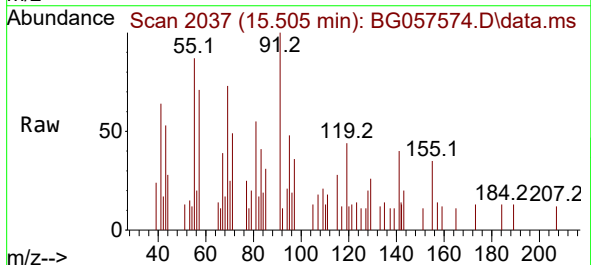
Instrument :
BNA_G
ClientSampleId :
OILY-SOLIDS-0523DL

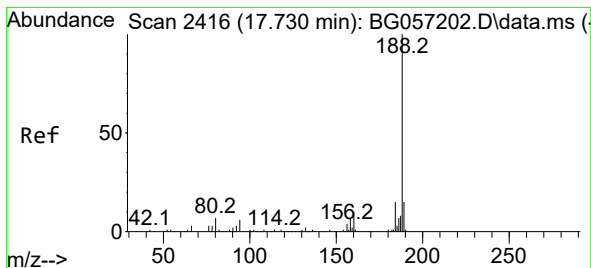
Tgt Ion:172 Resp: 28835
Ion Ratio Lower Upper
172 100
171 37.3 29.4 44.0
170 22.6 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 5.077 ng
RT: 15.505 min Scan# 2037
Delta R.T. 0.410 min
Lab File: BG057574.D
Acq: 26 May 2023 2:05

Tgt Ion:184 Resp: 121
Ion Ratio Lower Upper
184 100
63 0.0 48.2 72.4#
154 0.0 55.4 83.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.708 min Scan# 2416

Delta R.T. -0.001 min

Lab File: BG057574.D

Acq: 26 May 2023 2:05

Instrument :

BNA_G

ClientSampleId :

OILY-SOLIDS-0523DL

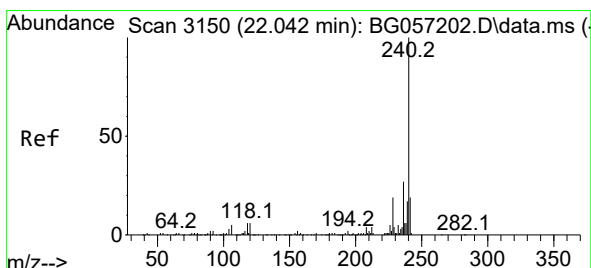
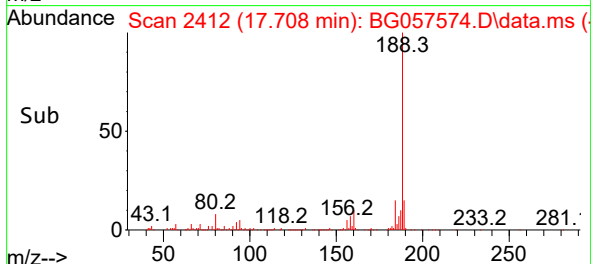
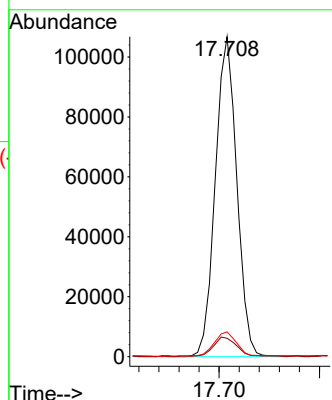
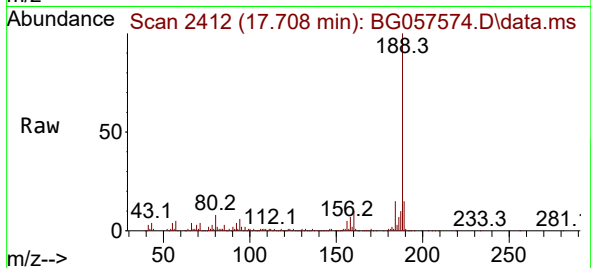
Tgt Ion:188 Resp: 158366

Ion Ratio Lower Upper

188 100

94 5.7 5.1 7.7

80 7.7 5.7 8.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.020 min Scan# 3146

Delta R.T. -0.001 min

Lab File: BG057574.D

Acq: 26 May 2023 2:05

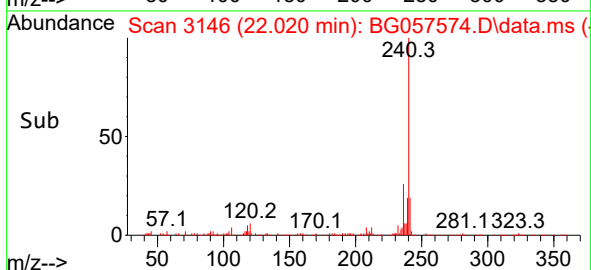
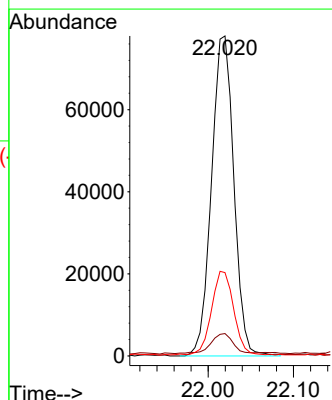
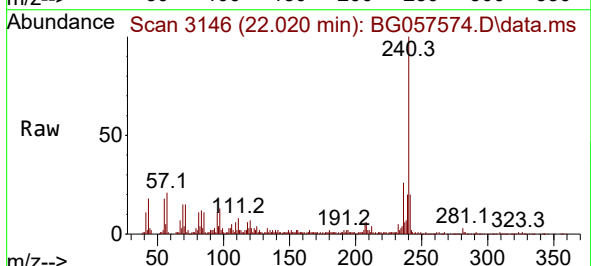
Tgt Ion:240 Resp: 141643

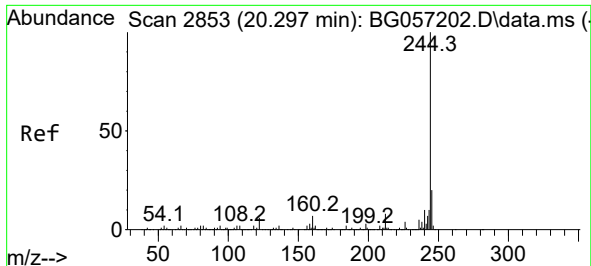
Ion Ratio Lower Upper

240 100

120 7.0 4.9 7.3

236 26.0 21.4 32.2

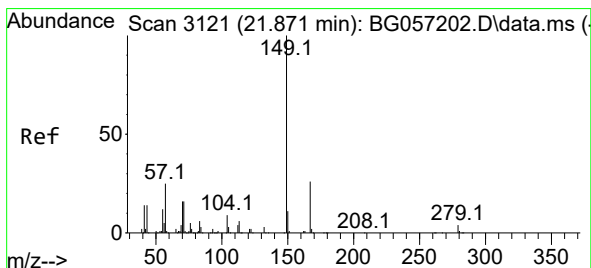
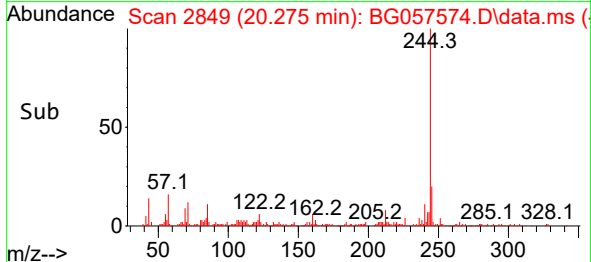
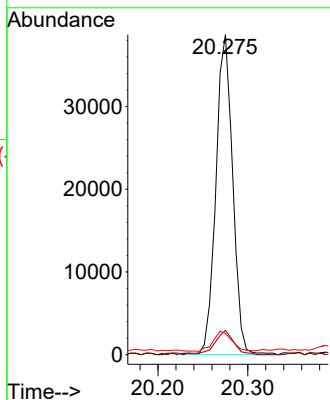
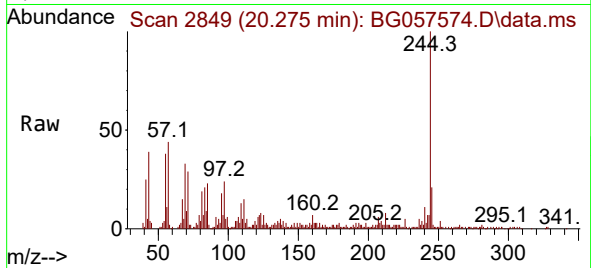




#79
 Terphenyl-d14
 Concen: 5.792 ng
 RT: 20.275 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057574.D
 Acq: 26 May 2023 2:05

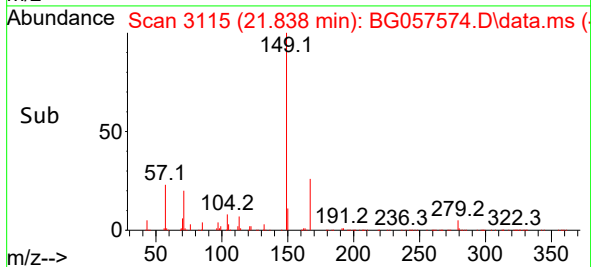
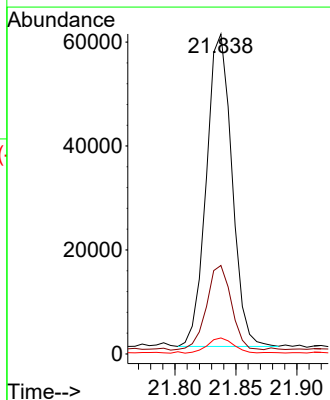
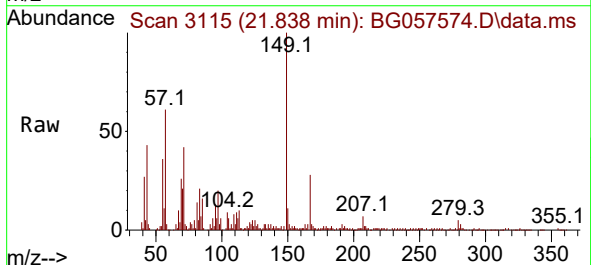
Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOLIDS-0523DL

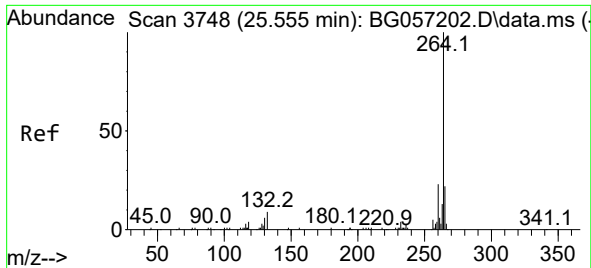
Tgt Ion:244 Resp: 50274
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 6.6 5.1 7.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 18.099 ng
 RT: 21.838 min Scan# 3115
 Delta R.T. -0.001 min
 Lab File: BG057574.D
 Acq: 26 May 2023 2:05

Tgt Ion:149 Resp: 87455
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.2 31.8
 279 5.0 3.5 5.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.521 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG057574.D

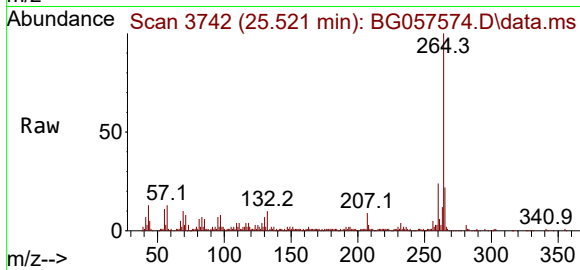
Acq: 26 May 2023 2:05

Instrument :

BNA_G

ClientSampleId :

OILY-SOLIDS-0523DL



Tgt Ion:264 Resp: 158795

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.8 17.9 26.9

