

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010523\
 Data File : BG056212.D
 Acq On : 5 Jan 2023 13:37
 Operator : CG/JU
 Sample : N5388-03
 Misc : SFAM-MDL-S-01-4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT4-2022-07

Quant Time: Jan 05 14:16:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 01:03:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
 Supervised By :mohammad ahmed 01/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.332	152	48693	20.000	ng/u1	0.00
20) Naphthalene-d8	11.164	136	198848	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.948	164	171440	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.686	188	452184	20.000	ng/u1	0.00
79) Chrysene-d12	21.981	240	430654	20.000	ng/u1	0.00
88) Perylene-d12	25.441	264	436807	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.632	96	4408	4.100	ng/uL	0.00
4) Pyridine-d5	4.066	84	41917	12.205	ng/u1	0.00
7) Phenol-d5	7.462	99	70093	16.317	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.639	67	30381	17.247	ng/u1	0.00
11) 2-Chlorophenol-d4	7.856	132	47829	16.640	ng/u1	0.00
15) 4-Methylphenol-d8	9.019	113	55643	16.256	ng/u1	0.00
21) Nitrobenzene-d5	9.507	128	26171	16.667	ng/u1	0.00
24) 2-Nitrophenol-d4	10.236	143	33225	16.180	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.770	165	64840	15.840	ng/u1	0.00
31) 4-Chloroaniline-d4	11.293	131	72203	15.674	ng/u1	0.00
46) Dimethylphthalate-d6	14.331	166	225785	16.598	ng/u1	0.00
49) Acenaphthylene-d8	14.642	160	246338	16.485	ng/u1	0.00
54) 4-Nitrophenol-d4	15.106	143	34898	16.251	ng/u1	0.00
60) Fluorene-d10	15.929	176	210082	16.534	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.035	200	44721	14.076	ng/u1	0.00
73) Anthracene-d10	17.780	188	340020	16.360	ng/u1	0.00
81) Pyrene-d10	20.042	212	405952	16.111	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.200	264	374638	16.725	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.667	88	1342m	1.120	ng/uL	
5) Pyridine	4.090	79	11115	3.306	ng/u1	95
6) Benzaldehyde	7.457	77	7350	4.877	ng/u1	98
8) Phenol	7.486	94	18896	4.454	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.733	93	13026	4.435	ng/u1	97
12) 2-Chlorophenol	7.885	128	13027	4.609	ng/u1	93
13) 2-Methylphenol	8.761	108	13109	4.022	ng/u1#	72
14) 2,2'-oxybis(1-Chloropr...	8.861	45	2032m	3.806	ng/u1	
16) Acetophenone	9.155	105	23696	4.499	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.131	70	10809	4.633	ng/u1	95
18) 4-Methylphenol	9.084	108	15577	4.400	ng/u1	88
19) Hexachloroethane	9.431	117	4973	4.521	ng/u1#	81
22) Nitrobenzene	9.548	77	15962	4.477	ng/u1#	85
23) Isophorone	10.065	82	32905	4.378	ng/u1#	97
25) 2-Nitrophenol	10.271	139	8382	4.230	ng/u1	95
26) 2,4-Dimethylphenol	10.306	107	16404	4.042	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.541	93	18736	4.450	ng/u1#	97
29) 2,4-Dichlorophenol	10.800	162	16077	4.166	ng/u1	96
30) Naphthalene	11.217	128	43710	4.200	ng/u1	98
32) 4-Chloroaniline	11.311	127	19442	4.131	ng/u1	92
33) Hexachlorobutadiene	11.493	225	15377	4.645	ng/u1	95
34) Caprolactam	12.057	113	5688m	4.696	ng/u1	
35) 4-Chloro-3-methylphenol	12.404	107	16136	4.262	ng/u1	88
36) 2-Methylnaphthalene	12.797	142	33845	4.257	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.015	142	27130	3.318	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.156	216	28344	4.271	ng/ul#	91
40) Hexachlorocyclopentadiene	13.132	237	14691	3.256	ng/ul	95
41) 2,4,6-Trichlorophenol	13.385	196	18061	4.286	ng/ul	95
42) 2,4,5-Trichlorophenol	13.455	196	19533	4.262	ng/ul	95
43) 1,1'-Biphenyl	13.784	154	52801	4.279	ng/ul#	95
44) 2-Chloronaphthalene	13.831	162	44519	4.399	ng/ul	98
45) 2-Nitroaniline	14.025	65	7892	4.086	ng/ul#	77
47) Dimethylphthalate	14.378	163	58675	4.364	ng/ul#	96
48) 2,6-Dinitrotoluene	14.507	165	12029	4.261	ng/ul	97
50) Acenaphthylene	14.672	152	63969	4.226	ng/ul	100
51) 3-Nitroaniline	14.836	138	10515	4.918	ng/ul	92
52) Acenaphthene	15.006	153	44316	4.231	ng/ul	97
53) 2,4-Dinitrophenol	15.042	184	10604	5.253	ng/ul	94
55) 4-Nitrophenol	15.124	109	8130	4.047	ng/ul	93
56) Dibenzofuran	15.341	168	72348	4.468	ng/ul	100
57) 2,4-Dinitrotoluene	15.289	165	16534	4.110	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.553	232	17626	3.972	ng/ul	94
59) Diethylphthalate	15.729	149	54568	4.365	ng/ul	98
61) Fluorene	15.982	166	55697	4.271	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.964	204	36373	4.461	ng/ul	97
63) 4-Nitroaniline	15.988	138	9624	4.920	ng/ul	98
66) 4,6-Dinitro-2-methylph...	16.046	198	13592	4.482	ng/ul#	93
67) N-Nitrosodiphenylamine	16.176	169	51226	4.245	ng/ul	96
68) 4-Bromophenyl-phenylether	16.857	248	23942	4.128	ng/ul	95
69) Hexachlorobenzene	16.987	284	25000	4.353	ng/ul	97
70) Atrazine	17.110	200	34102	6.200	ng/ul	97
71) Pentachlorophenol	17.321	266	15425	4.211	ng/ul	91
72) Phenanthrene	17.727	178	98672	4.280	ng/ul	98
74) Anthracene	17.815	178	99095	4.234	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.755	216	23103	3.390	ng/uL	92
76) Pentachlorobenzene	15.259	250	23594	3.384	ng/uL	95
77) Carbazole	18.073	167	83119	4.326	ng/ul	98
78) Di-n-butylphthalate	18.608	149	84143	4.150	ng/ul	97
80) Fluoranthene	19.713	202	127906	4.292	ng/ul	97
82) Pyrene	20.071	202	124347	4.173	ng/ul	99
83) Butylbenzylphthalate	20.935	149	35181	4.025	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.857	252	55644	5.464	ng/ul#	95
85) Benzo(a)anthracene	21.957	228	126243	4.251	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.828	149	51112	4.044	ng/ul	93
87) Chrysene	22.028	228	117687	4.262	ng/ul	99
89) Di-n-octyl phthalate	23.115	149	87799	4.378	ng/ul	100
90) Benzo(b)fluoranthene	24.325	252	129838	4.452	ng/ul	98
91) Benzo(k)fluoranthene	24.401	252	125348	4.393	ng/ul	96
93) Benzo(a)pyrene	25.271	252	112086	4.390	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.407	276	151892	4.522	ng/ul	94
95) Dibenzo(a,h)anthracene	29.478	278	131771	4.694	ng/ul	98
96) Benzo(g,h,i)perylene	30.670	276	127820	4.707	ng/ul#	95

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

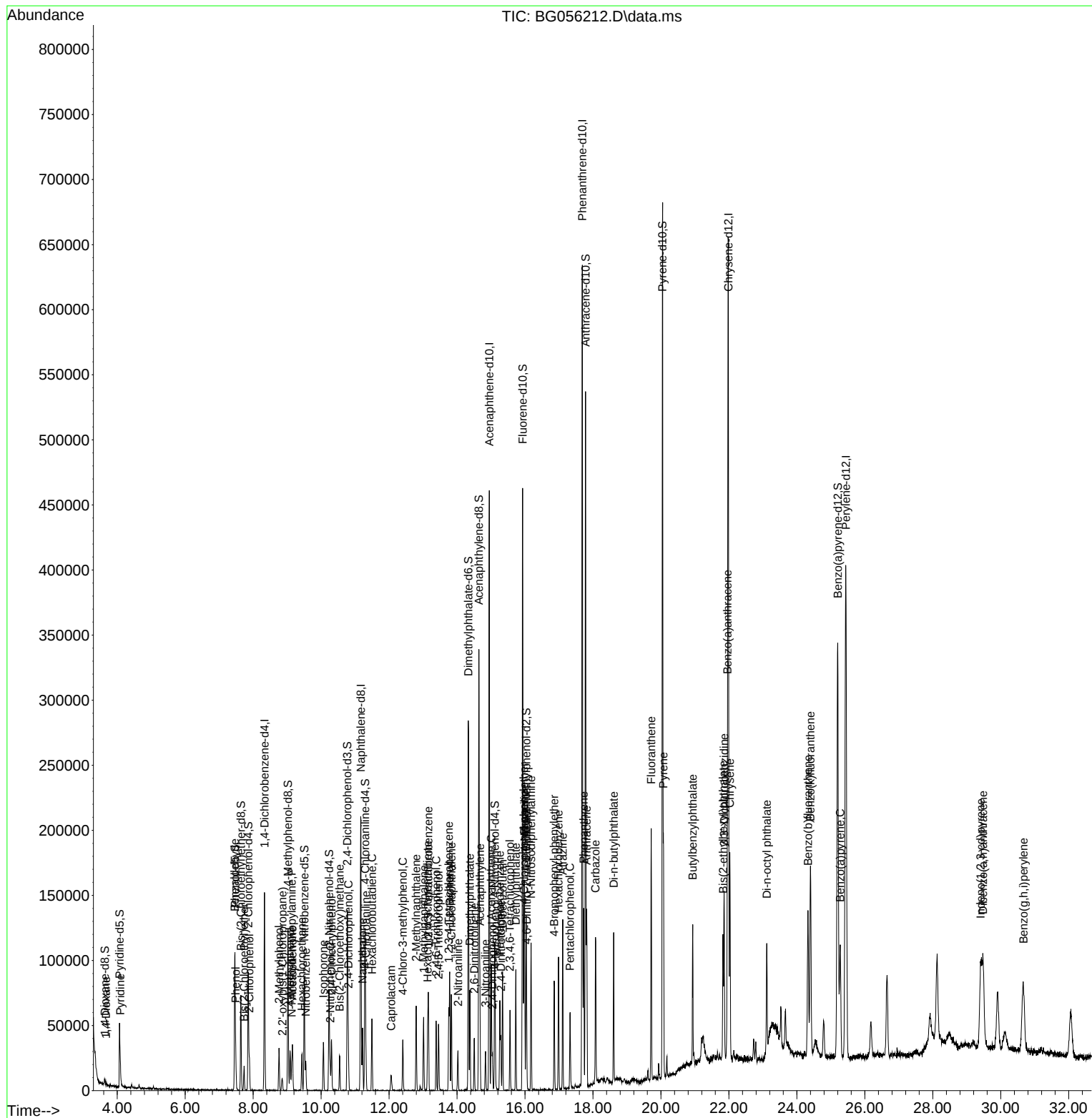
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 ALS Vial : 6 Sample Multiplier: 1

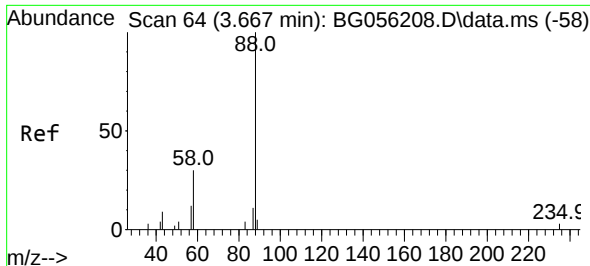
Instrument :
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 ClientSampleId :
 MDL-SOIL-QT4-2022-07

Quant Time: Jan 05 14:16:52 2023
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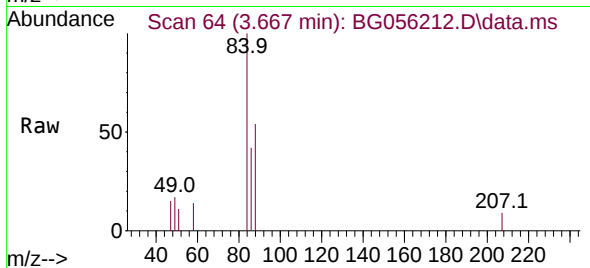
Reviewed By :Jagrut Upadhyay 01/06/2023
 Supervised By :mohammad ahmed 01/06/2023





#2
1,4-Dioxane
Concen: 1.120 ng/uL m
RT: 3.667 min Scan# 64
Delta R.T. -0.008 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

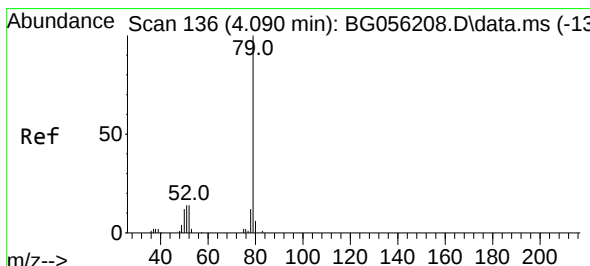
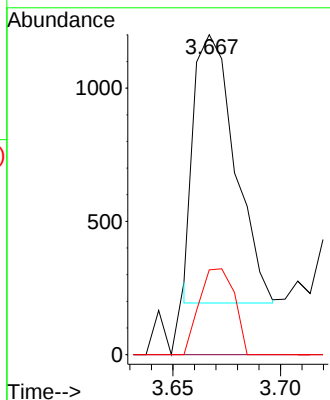
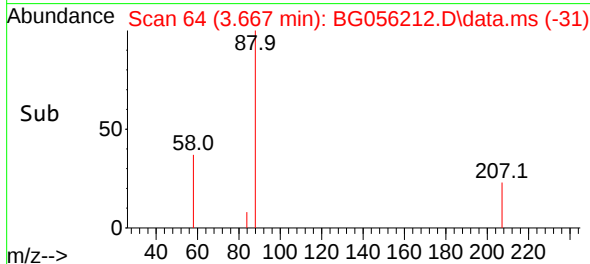
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion: 88 Resp: 1342
Ion Ratio Lower Upper
88 100
43 0.0 6.8 10.2
58 26.5 20.0 30.0

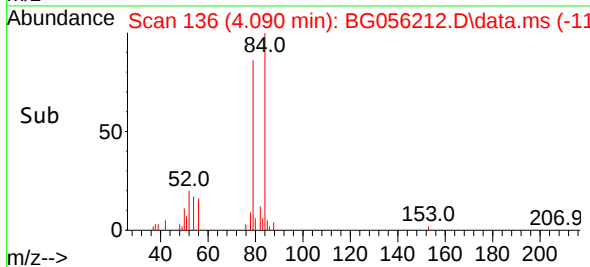
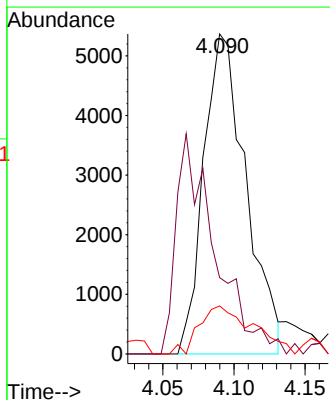
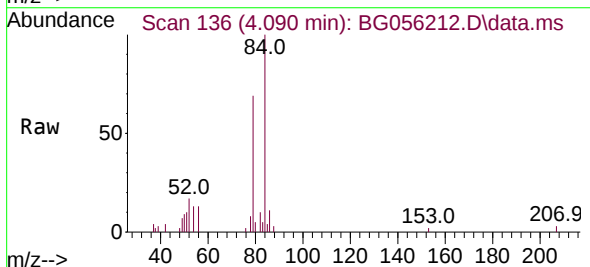
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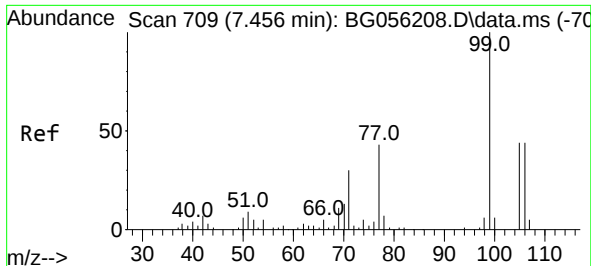
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#5
Pyridine
Concen: 3.306 ng/uL
RT: 4.090 min Scan# 136
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

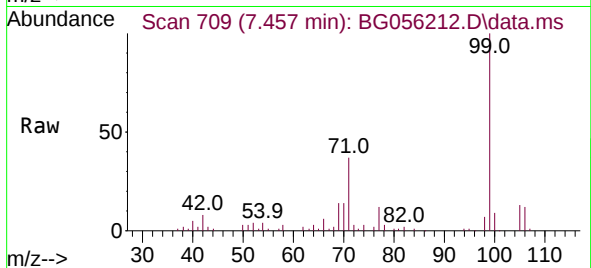
Tgt Ion: 79 Resp: 11115
Ion Ratio Lower Upper
79 100
52 23.8 16.6 25.0
51 15.0 13.4 20.2





#6
Benzaldehyde
Concen: 4.877 ng/ul
RT: 7.457 min Scan# 709
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

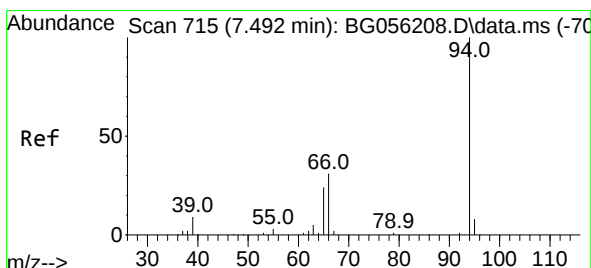
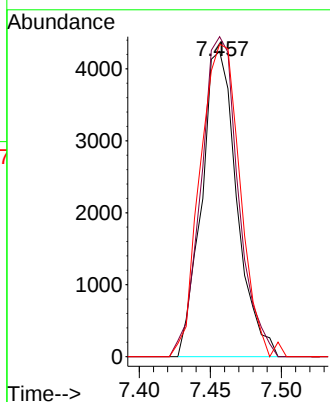
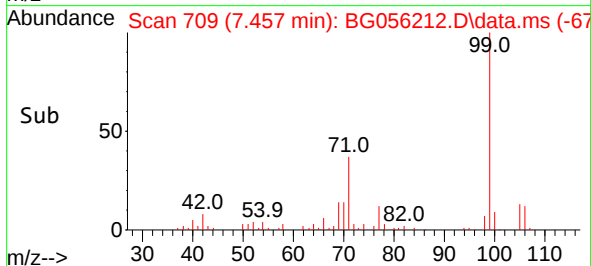
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-07



Tgt Ion: 77 Resp: 7350
Ion Ratio Lower Upper
77 100
105 104.8 86.5 129.7
106 102.4 80.8 121.2

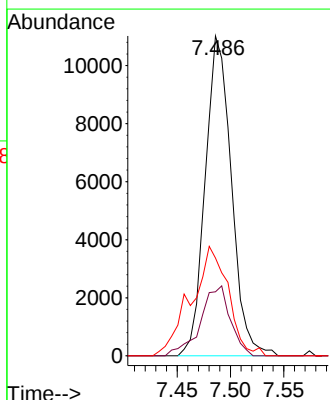
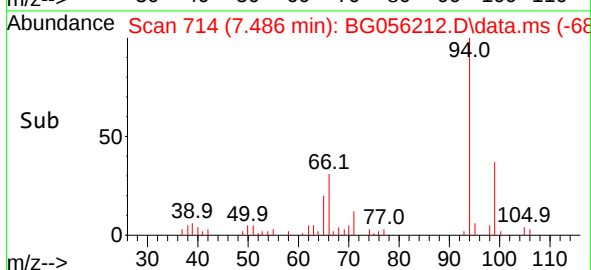
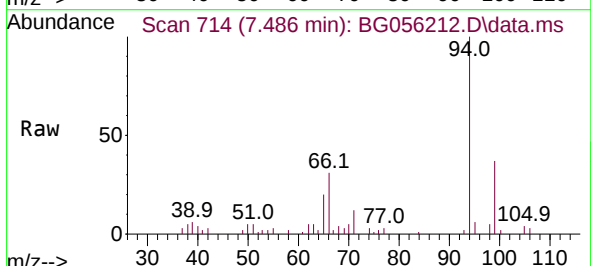
Manual Integrations
APPROVED

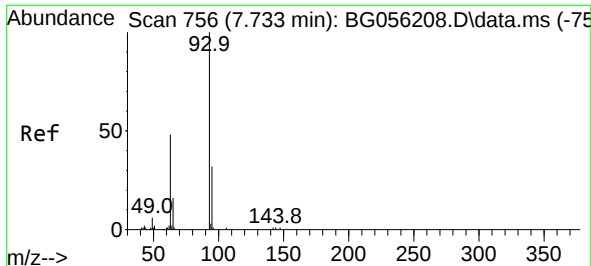
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#8
Phenol
Concen: 4.454 ng/ul
RT: 7.486 min Scan# 714
Delta R.T. -0.008 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

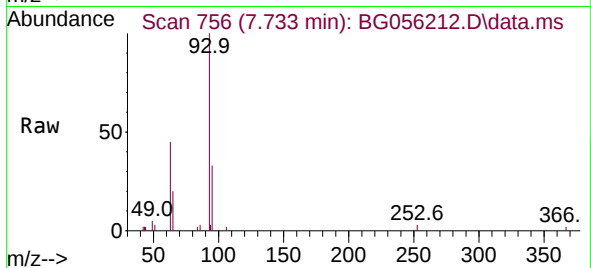
Tgt Ion: 94 Resp: 18896
Ion Ratio Lower Upper
94 100
65 20.0 15.9 23.9
66 30.6 24.6 37.0





#10
Bis(2-Chloroethyl)ether
Concen: 4.435 ng/ul
RT: 7.733 min Scan# 756
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

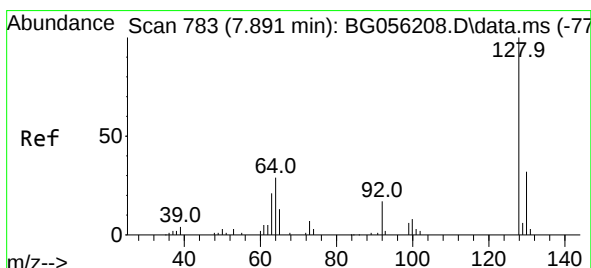
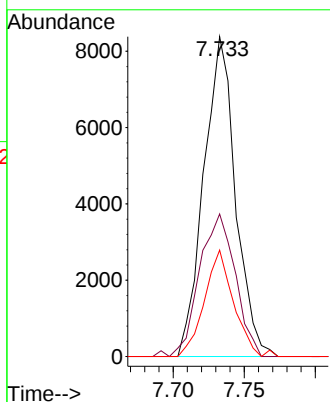
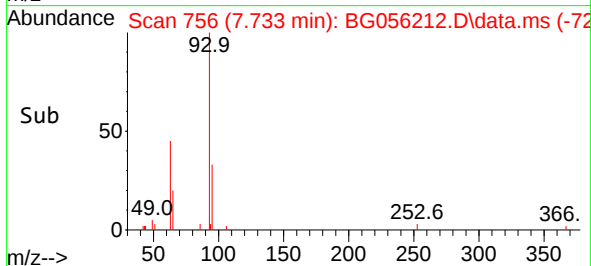
Instrument :
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ClientSampleId :
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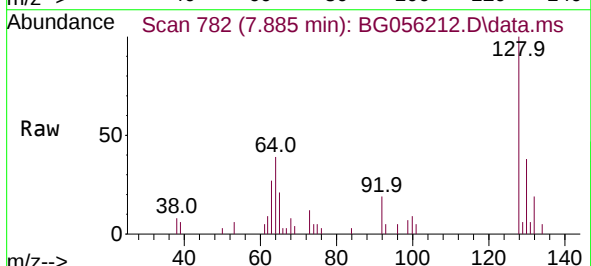
Tgt Ion: 93 Resp: 13026
Ion Ratio Lower Upper
93 100
63 44.6 37.4 56.2
95 33.2 28.1 42.1

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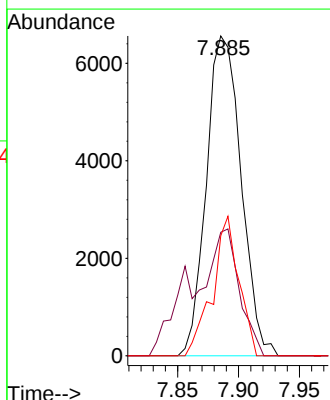
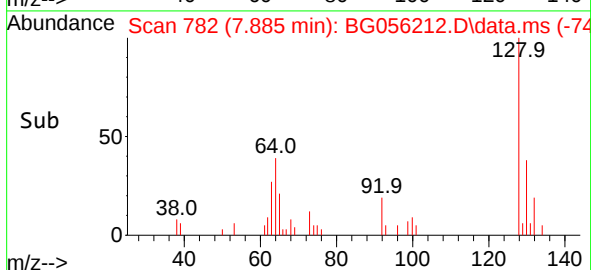
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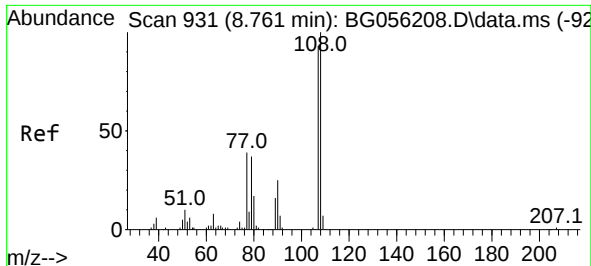


#12
2-Chlorophenol
Concen: 4.609 ng/ul
RT: 7.885 min Scan# 782
Delta R.T. -0.008 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37



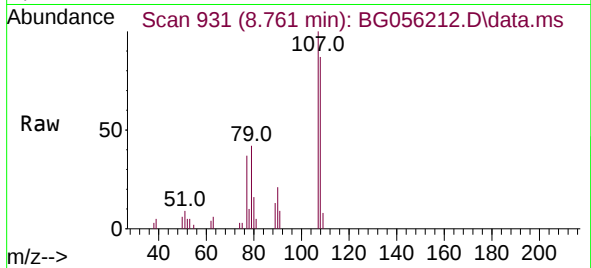
Tgt Ion:128 Resp: 13027
Ion Ratio Lower Upper
128 100
64 38.6 29.0 43.6
130 37.5 25.3 37.9





#13
2-Methylphenol
Concen: 4.022 ng/ul
RT: 8.761 min Scan# 931
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

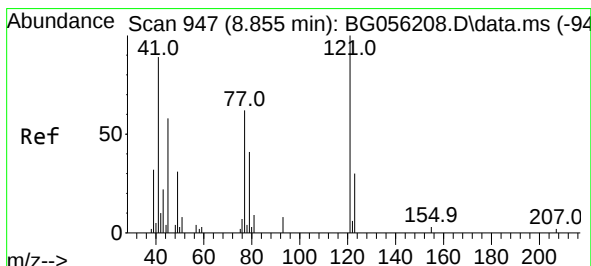
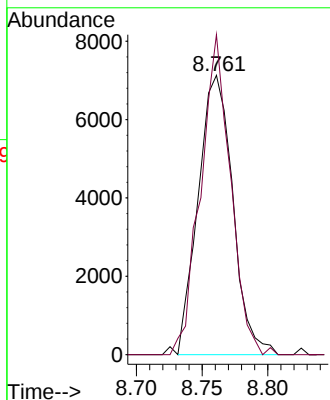
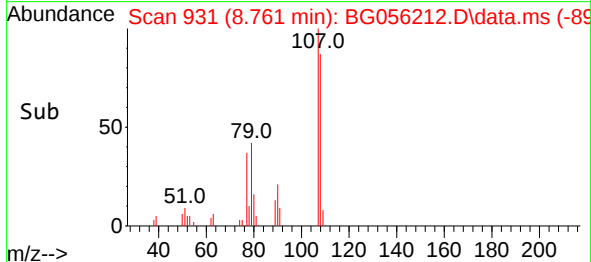
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:108 Resp: 13109
Ion Ratio Lower Upper
108 100
107 114.6 70.5 105.7

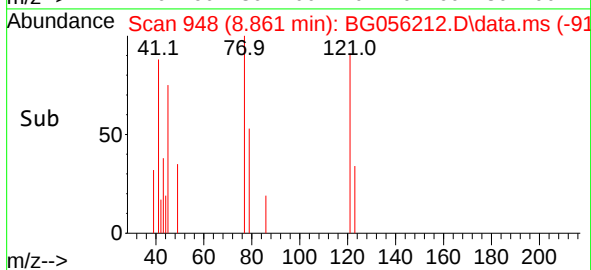
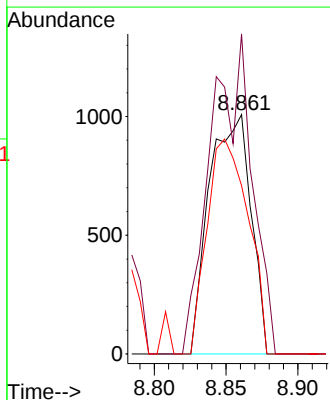
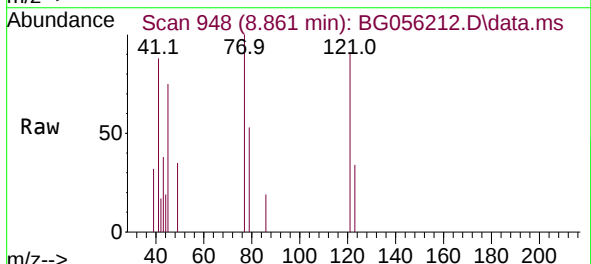
Manual Integrations
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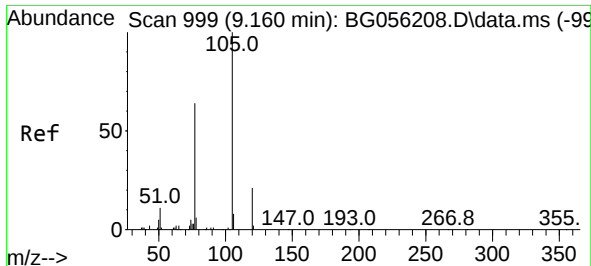
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.806 ng/ul m
RT: 8.861 min Scan# 948
Delta R.T. 0.004 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

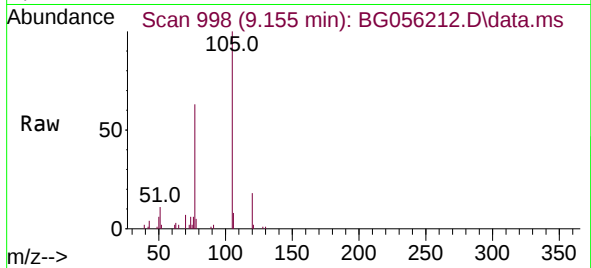
Tgt Ion: 45 Resp: 2032
Ion Ratio Lower Upper
45 100
77 133.7 90.5 135.7
79 70.3 75.8 113.6





#16
Acetophenone
Concen: 4.499 ng/ul
RT: 9.155 min Scan# 999
Delta R.T. -0.008 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

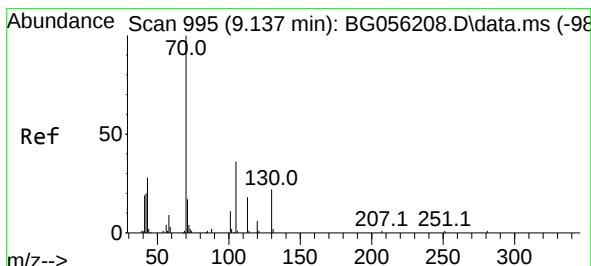
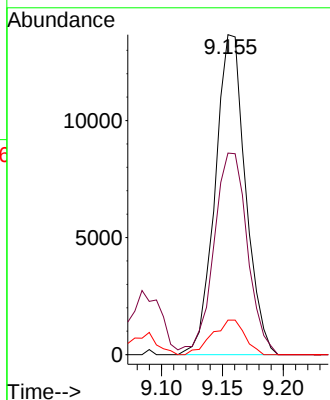
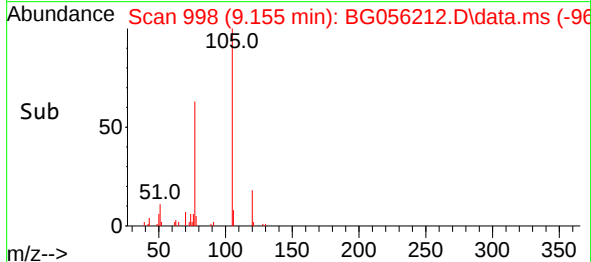
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion: 105 Resp: 23696
Ion Ratio Lower Upper
105 100
77 63.0 52.8 79.2
51 10.8 10.1 15.1

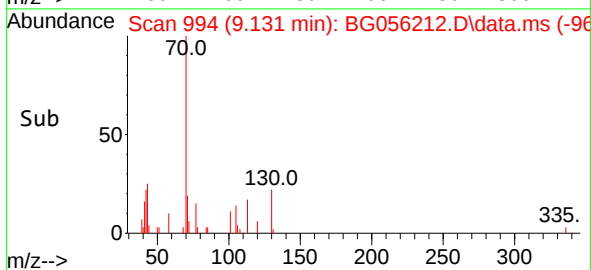
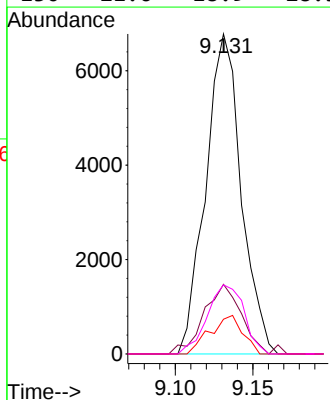
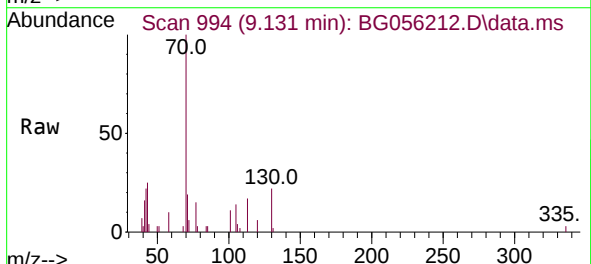
Manual Integrations
APPROVED

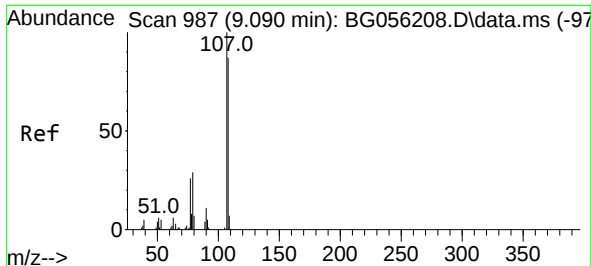
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.633 ng/ul
RT: 9.131 min Scan# 994
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

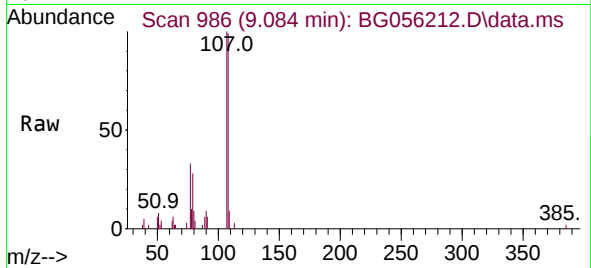
Tgt Ion: 70 Resp: 10809
Ion Ratio Lower Upper
70 100
42 21.7 19.9 29.9
101 10.8 9.8 14.6
130 21.6 18.9 28.3





#18
4-Methylphenol
Concen: 4.400 ng/ul
RT: 9.084 min Scan# 987
Delta R.T. -0.008 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

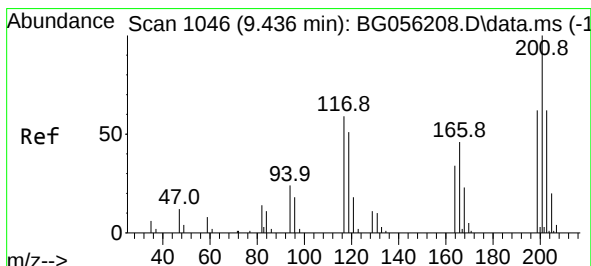
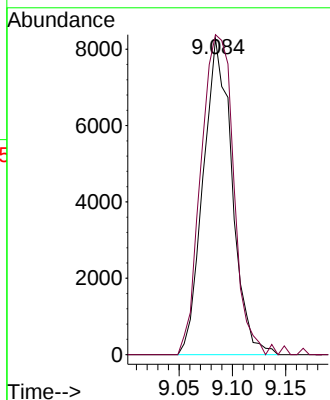
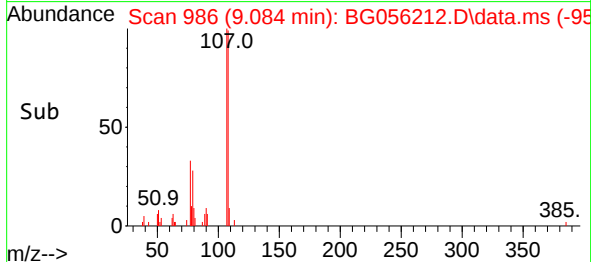
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



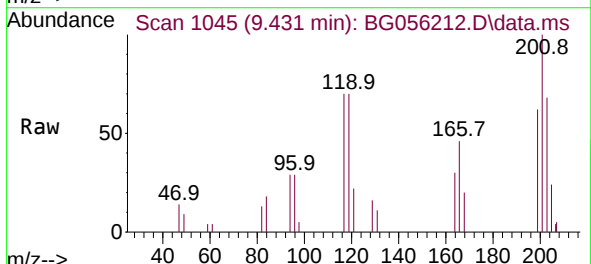
Tgt Ion:108 Resp: 1557
Ion Ratio Lower Upper
108 100
107 101.3 91.5 137.3

Manual Integrations
APPROVED

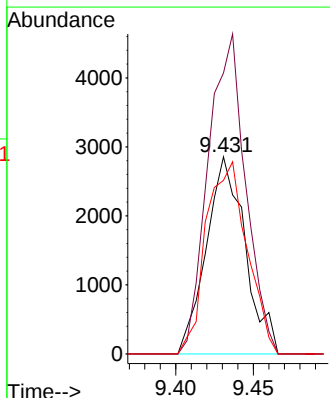
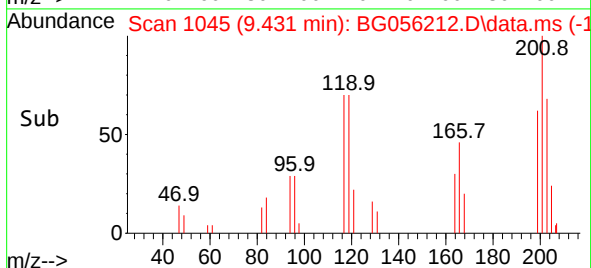
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

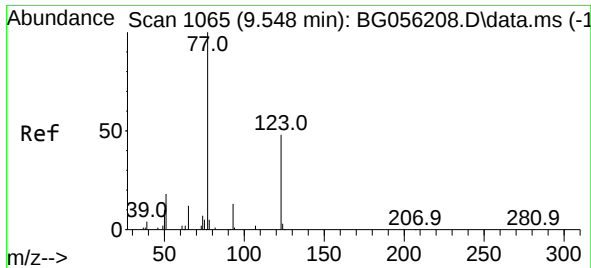


#19
Hexachloroethane
Concen: 4.521 ng/ul
RT: 9.431 min Scan# 1045
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37



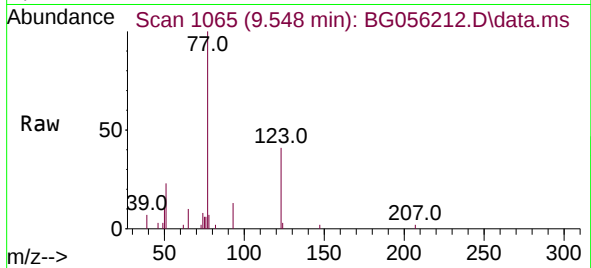
Tgt Ion:117 Resp: 4973
Ion Ratio Lower Upper
117 100
201 142.6 132.0 198.0
199 88.1 89.4 134.0#





#22
Nitrobenzene
Concen: 4.477 ng/ul
RT: 9.548 min Scan# 1065
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

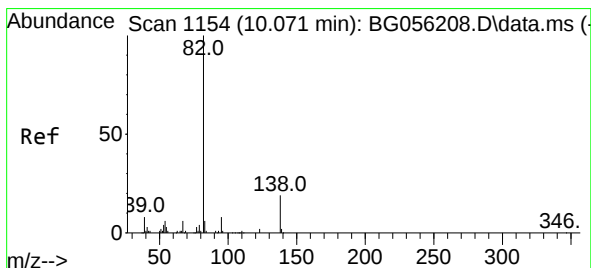
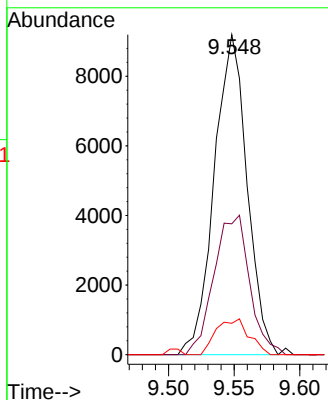
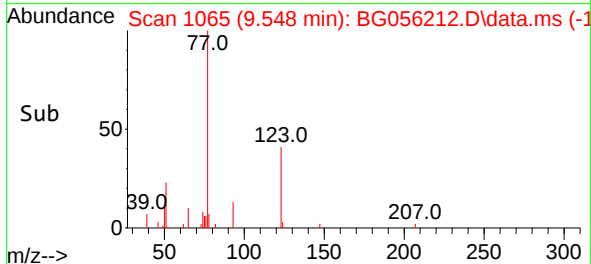
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion: 77 Resp: 15962
Ion Ratio Lower Upper
77 100
123 40.9 42.2 63.2
65 9.8 10.5 15.7

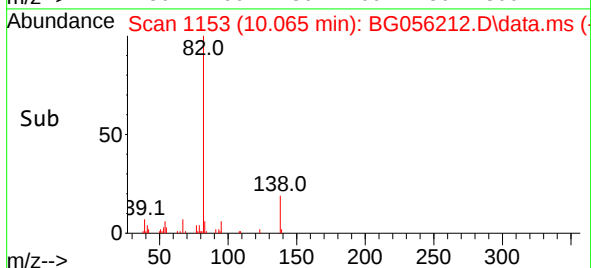
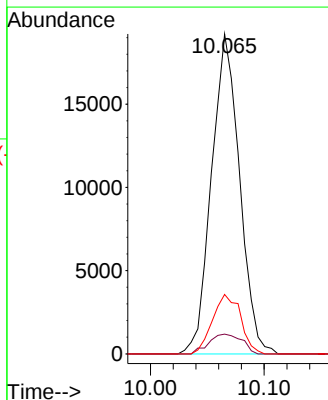
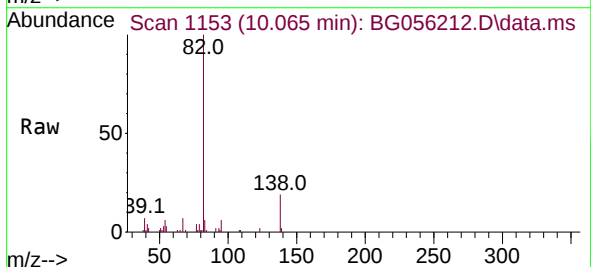
Manual Integrations
APPROVED

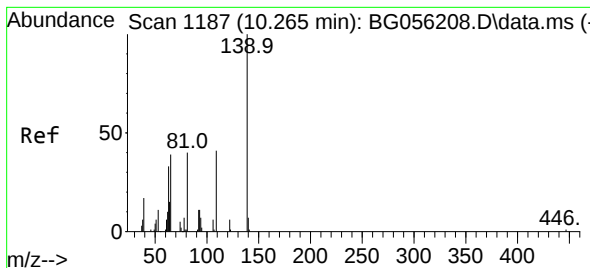
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#23
Isophorone
Concen: 4.378 ng/ul
RT: 10.065 min Scan# 1153
Delta R.T. -0.008 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

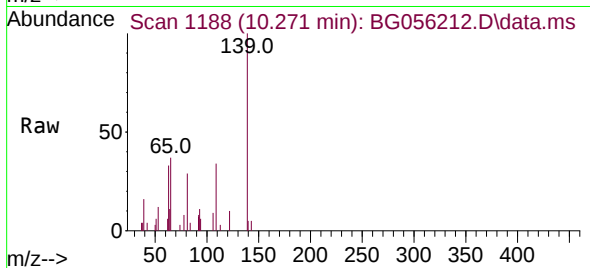
Tgt Ion: 82 Resp: 32905
Ion Ratio Lower Upper
82 100
95 6.2 6.9 10.3
138 18.6 15.4 23.2





#25
2-Nitrophenol
Concen: 4.230 ng/ul
RT: 10.271 min Scan# 1188
Delta R.T. 0.004 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

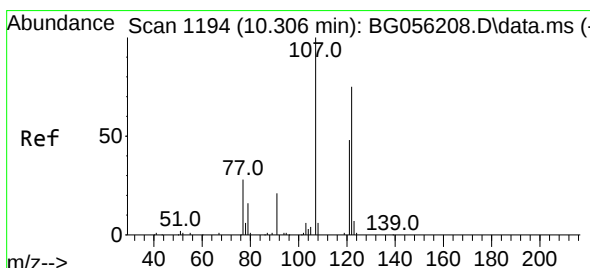
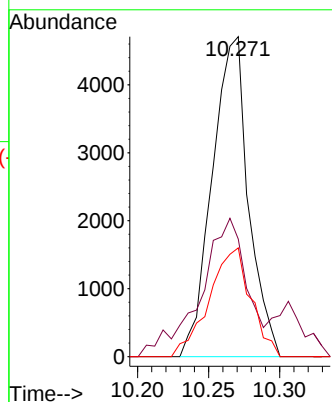
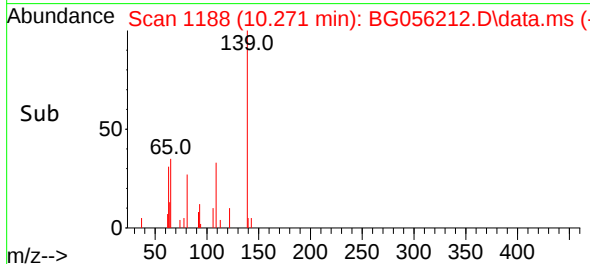
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:139 Resp: 8382
Ion Ratio Lower Upper
139 100
65 36.7 31.2 46.8
109 34.0 30.1 45.1

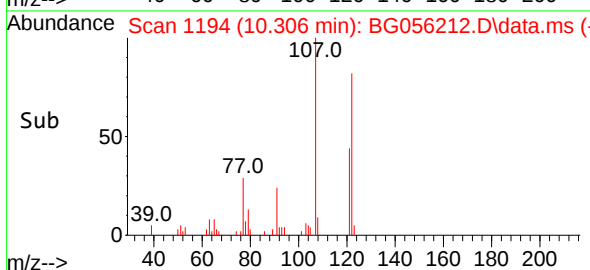
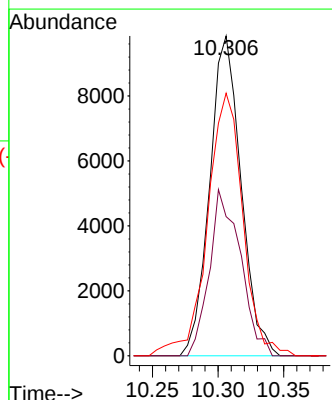
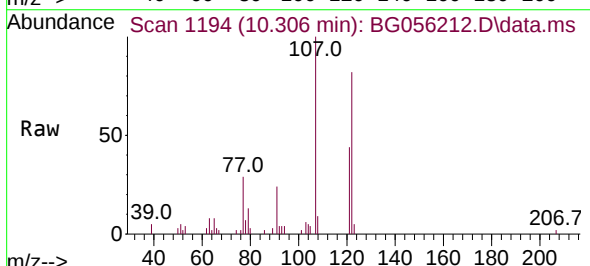
Manual Integrations
APPROVED

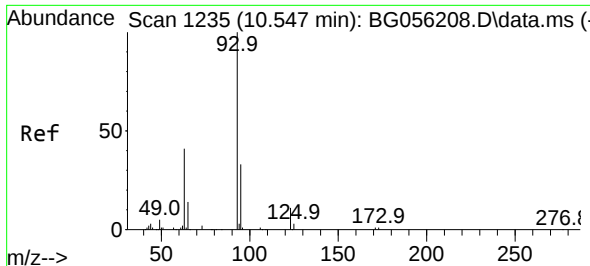
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#26
2,4-Dimethylphenol
Concen: 4.042 ng/ul
RT: 10.306 min Scan# 1194
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

Tgt Ion:107 Resp: 16404
Ion Ratio Lower Upper
107 100
121 43.5 40.5 60.7
122 82.1 66.8 100.2





#27

Bis(2-Chloroethoxy)methane

Concen: 4.450 ng/ul

RT: 10.541 min Scan# 1235

Delta R.T. -0.002 min

Lab File: BG056212.D

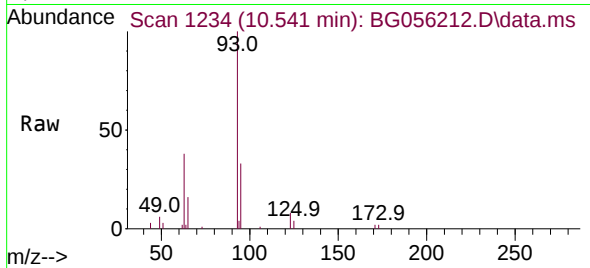
Acq: 5 Jan 2023 13:37

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2022-07

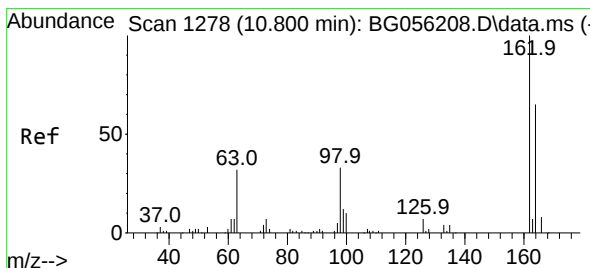
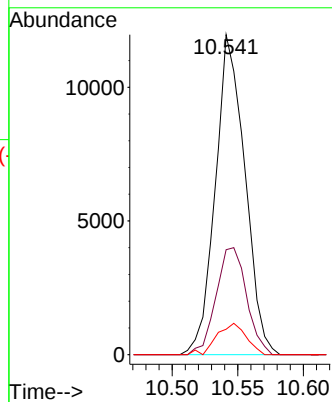
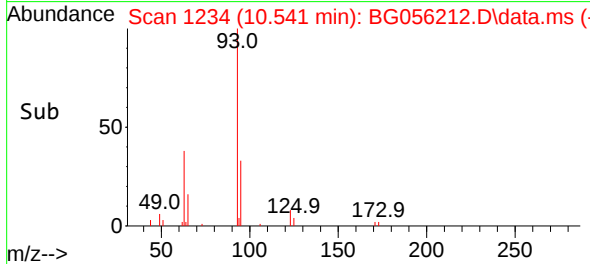


Tgt Ion:	93	Resp:	18736
Ion Ratio	Lower	Upper	
93	100		
95	32.8	25.4	38.0
123	7.9	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#29

2,4-Dichlorophenol

Concen: 4.166 ng/ul

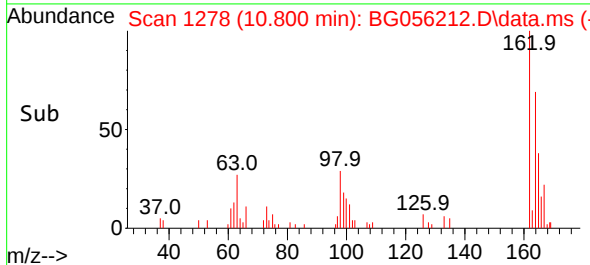
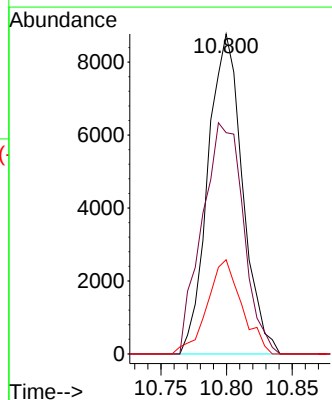
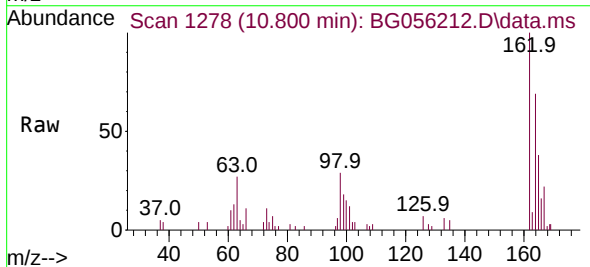
RT: 10.800 min Scan# 1278

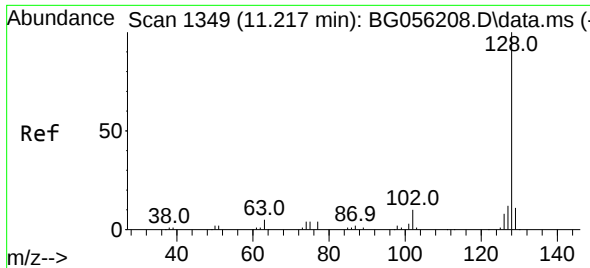
Delta R.T. -0.002 min

Lab File: BG056212.D

Acq: 5 Jan 2023 13:37

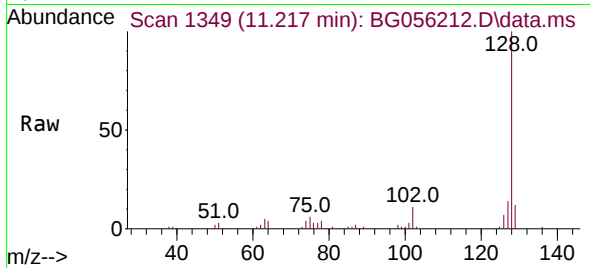
Tgt Ion:	162	Resp:	16077
Ion Ratio	Lower	Upper	
162	100		
164	69.1	52.5	78.7
98	29.4	24.7	37.1





#30
Naphthalene
Concen: 4.200 ng/ul
RT: 11.217 min Scan# 1349
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

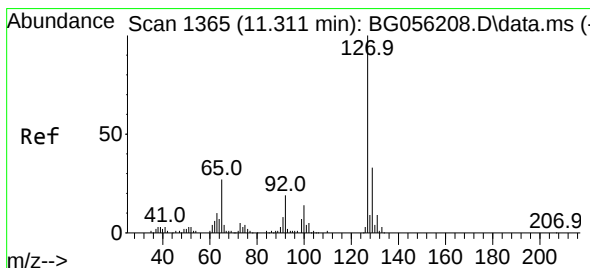
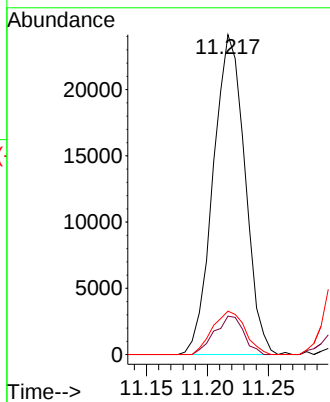
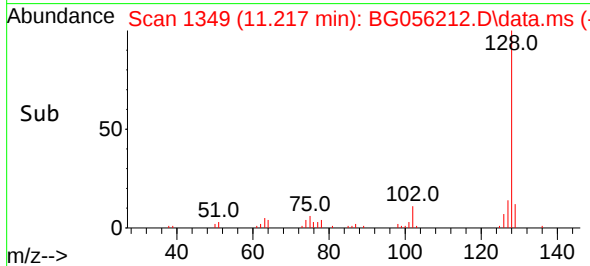
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-07



Tgt Ion:128 Resp: 43710
Ion Ratio Lower Upper
128 100
129 12.0 8.5 12.7
127 13.6 10.9 16.3

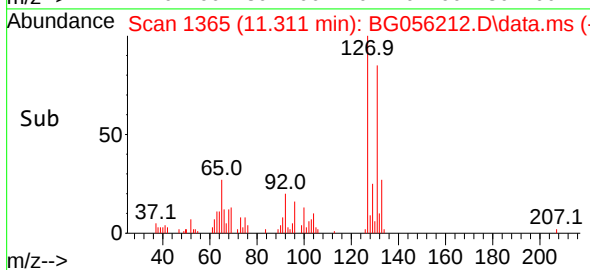
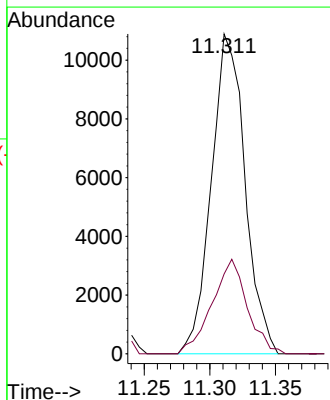
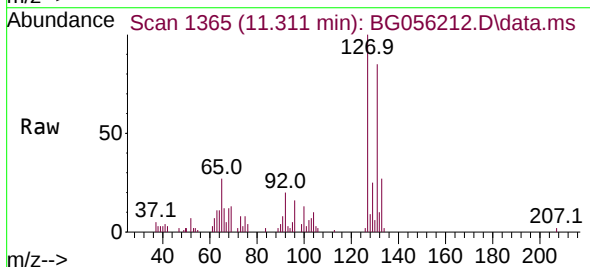
Manual Integrations
APPROVED

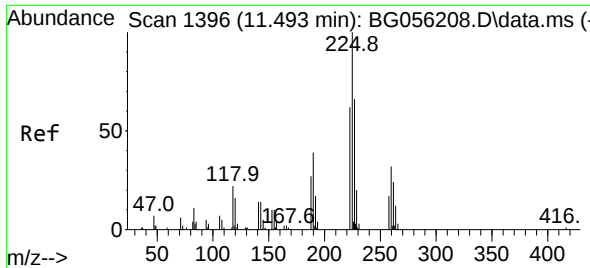
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#32
4-Chloroaniline
Concen: 4.131 ng/ul
RT: 11.311 min Scan# 1365
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

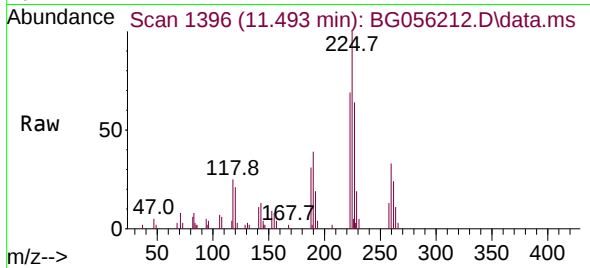
Tgt Ion:127 Resp: 19442
Ion Ratio Lower Upper
127 100
129 25.0 23.5 35.3





#33
Hexachlorobutadiene
Concen: 4.645 ng/ul
RT: 11.493 min Scan# 1396
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

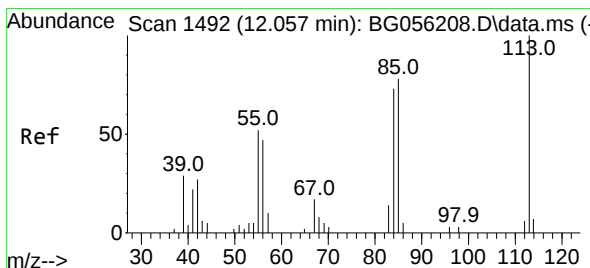
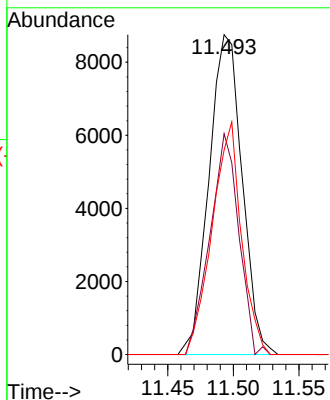
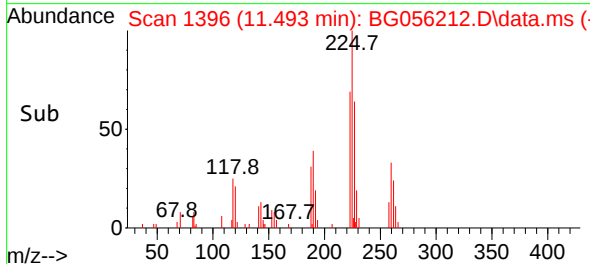
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-07



Tgt Ion:225 Resp: 15372
Ion Ratio Lower Upper
225 100
223 69.0 49.8 74.6
227 63.9 51.8 77.6

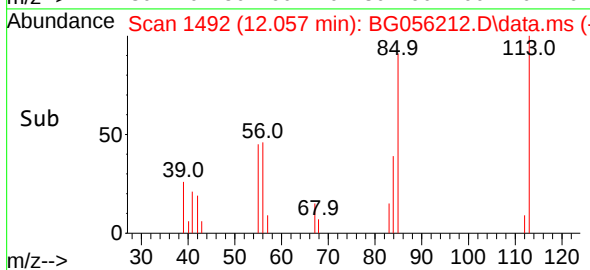
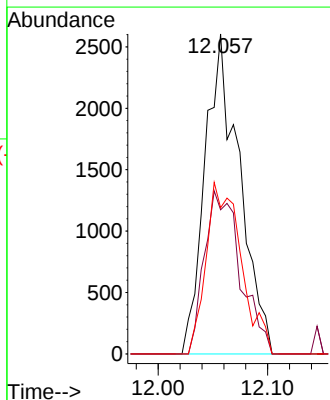
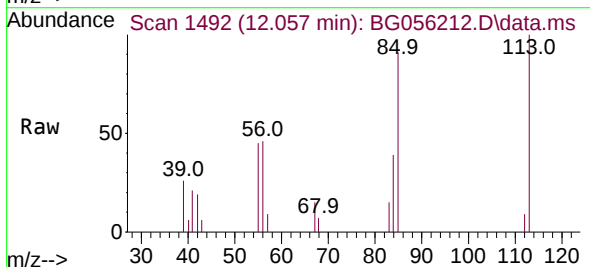
Manual Integrations
APPROVED

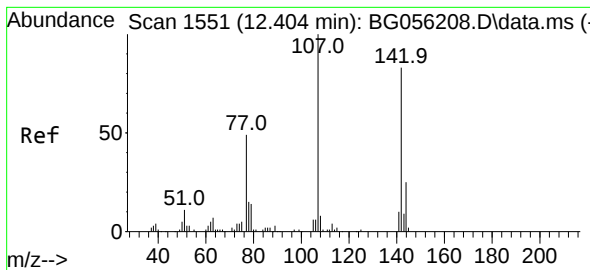
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#34
Caprolactam
Concen: 4.696 ng/ul m
RT: 12.057 min Scan# 1492
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

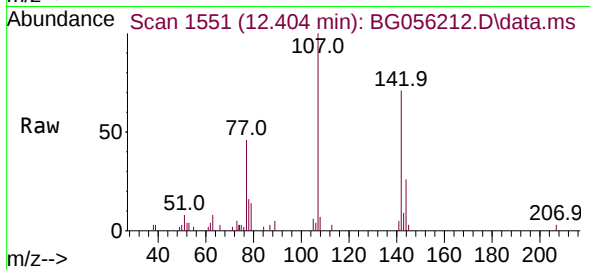
Tgt Ion:113 Resp: 5688
Ion Ratio Lower Upper
113 100
55 45.0 39.3 58.9
56 45.7 39.5 59.3





#35
4-Chloro-3-methylphenol
Concen: 4.262 ng/ul
RT: 12.404 min Scan# 1551
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

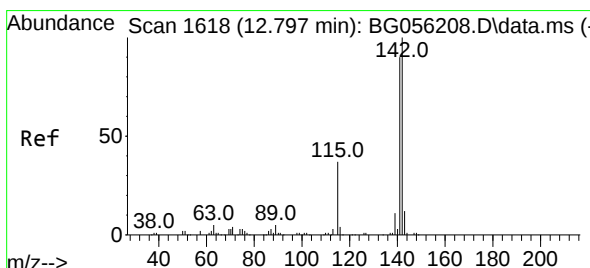
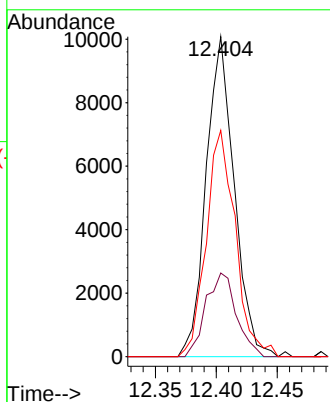
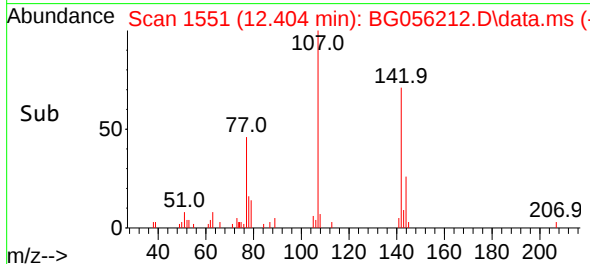
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:107 Resp: 16136
Ion Ratio Lower Upper
107 100
144 26.1 21.0 31.6
142 70.7 67.9 101.9

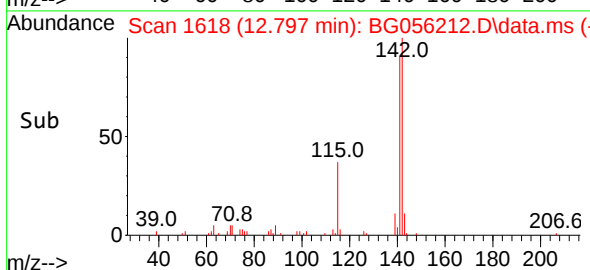
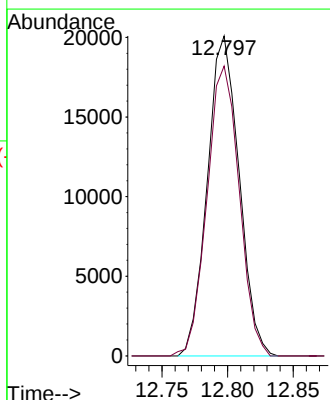
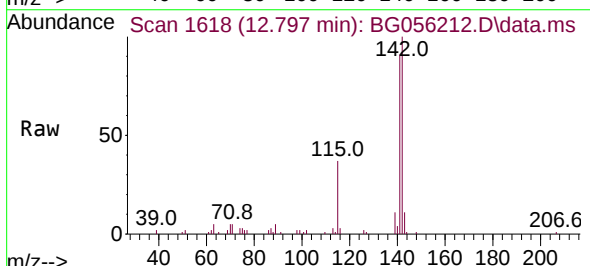
Manual Integrations
APPROVED

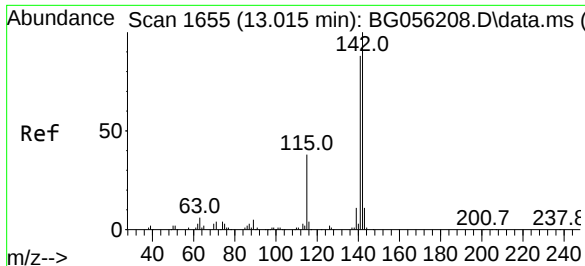
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#36
2-Methylnaphthalene
Concen: 4.257 ng/ul
RT: 12.797 min Scan# 1618
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

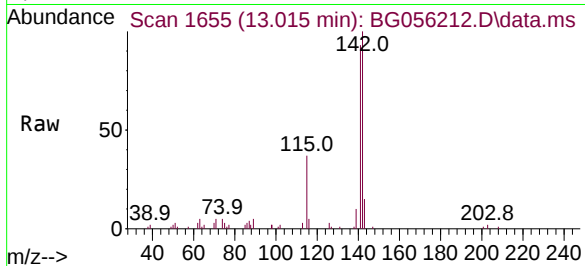
Tgt Ion:142 Resp: 33845
Ion Ratio Lower Upper
142 100
141 90.6 71.6 107.4





#37
1-Methylnaphthalene
Concen: 3.318 ng/ul
RT: 13.015 min Scan# 1655
Delta R.T. 0.004 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

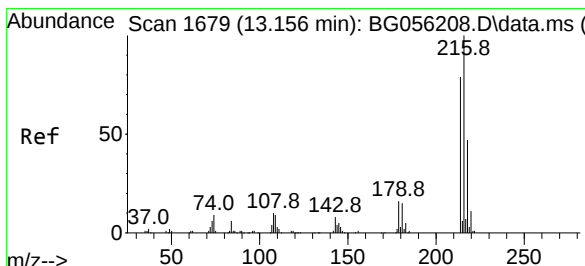
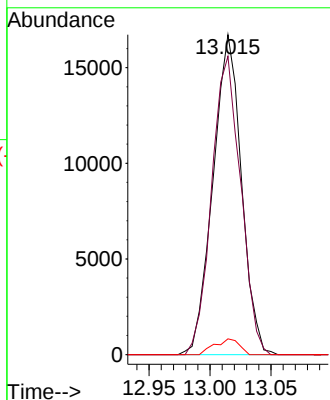
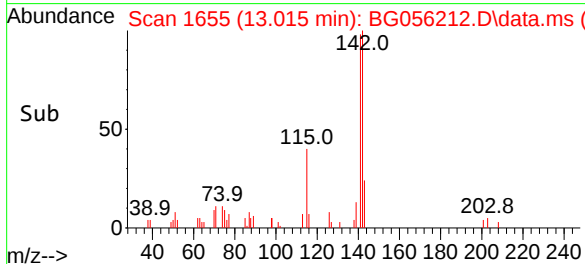
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



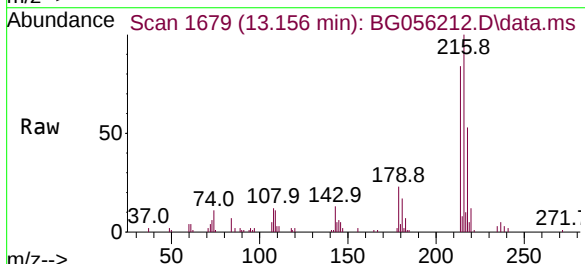
Tgt Ion:142 Resp: 27130
Ion Ratio Lower Upper
142 100
141 93.2 71.7 107.5
116 4.9 3.4 5.0

Manual Integrations
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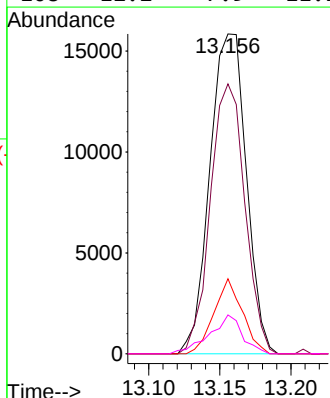
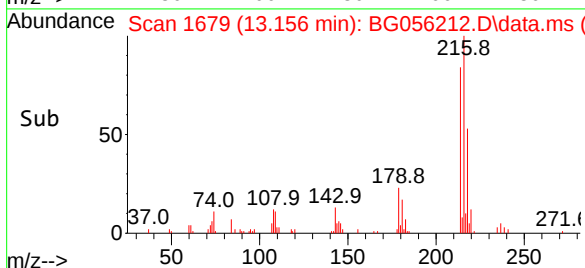
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

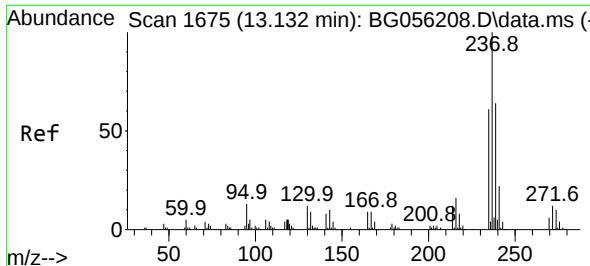


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.271 ng/ul
RT: 13.156 min Scan# 1679
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37



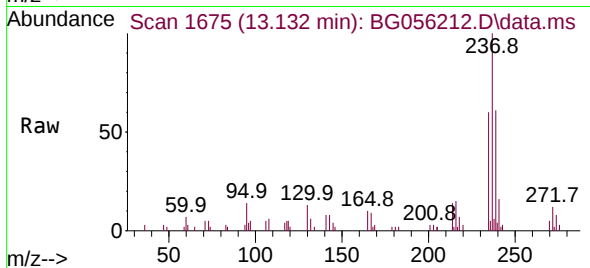
Tgt Ion:216 Resp: 28344
Ion Ratio Lower Upper
216 100
214 84.4 62.0 93.0
179 23.5 13.8 20.8#
108 12.2 7.9 11.9#





#40
Hexachlorocyclopentadiene
Concen: 3.256 ng/ul
RT: 13.132 min Scan# 1675
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

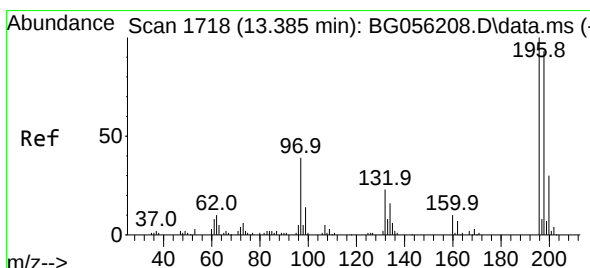
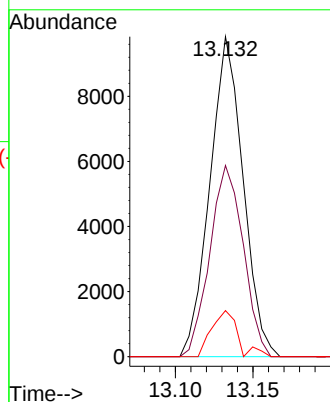
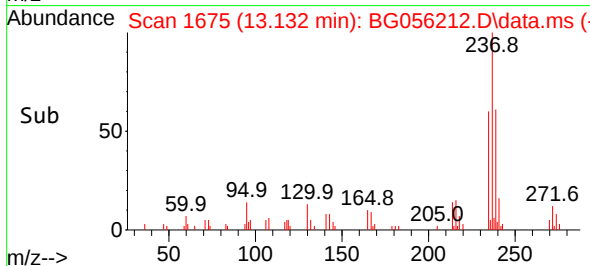
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-07



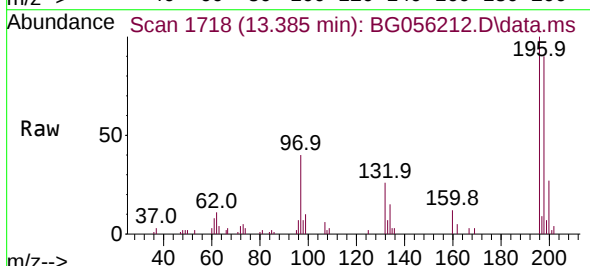
Tgt Ion:237 Resp: 14691
Ion Ratio Lower Upper
237 100
235 65.0 48.6 72.8
272 14.4 10.2 15.4

Manual Integrations
APPROVED

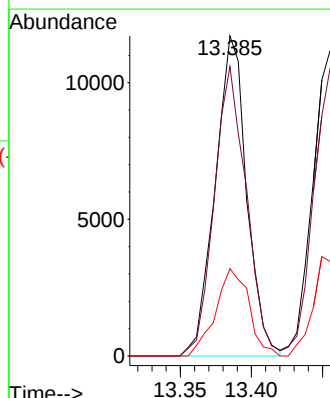
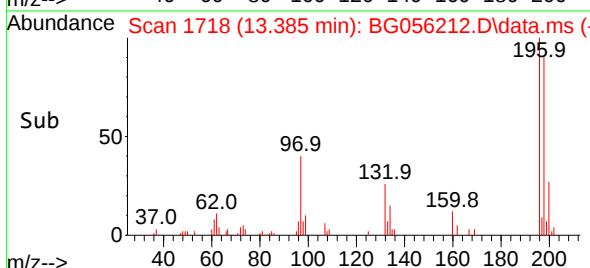
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

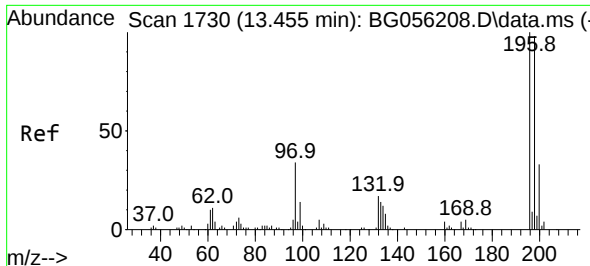


#41
2,4,6-Trichlorophenol
Concen: 4.286 ng/ul
RT: 13.385 min Scan# 1718
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37



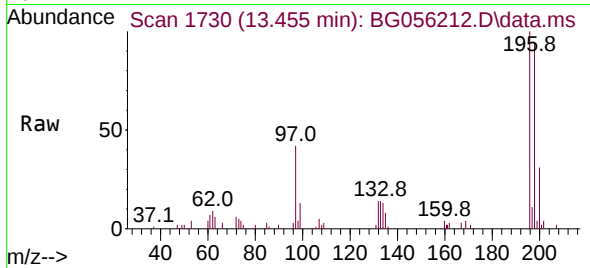
Tgt Ion:196 Resp: 18061
Ion Ratio Lower Upper
196 100
198 90.4 76.2 114.2
200 27.3 25.0 37.4





#42
2,4,5-Trichlorophenol
Concen: 4.262 ng/ul
RT: 13.455 min Scan# 1730
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

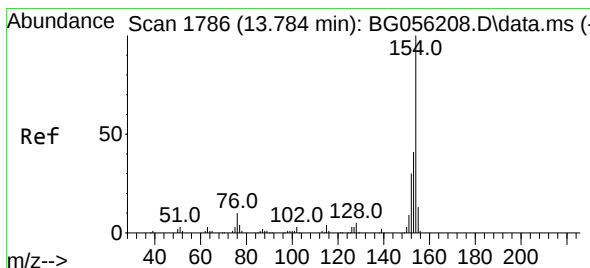
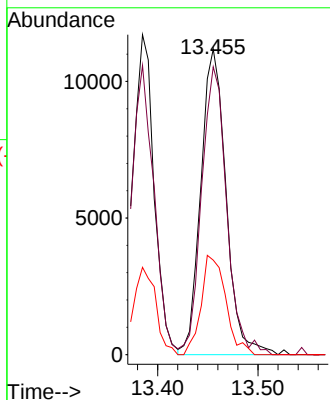
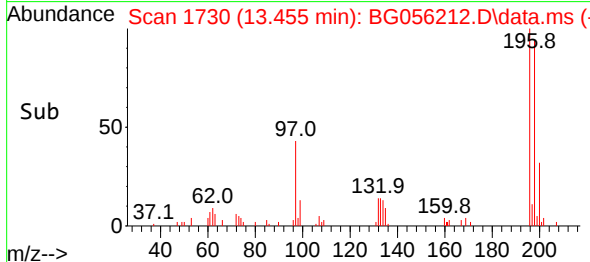
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-07



Tgt Ion:196 Resp: 19533
Ion Ratio Lower Upper
196 100
198 94.2 80.2 120.4
200 30.9 23.6 35.4

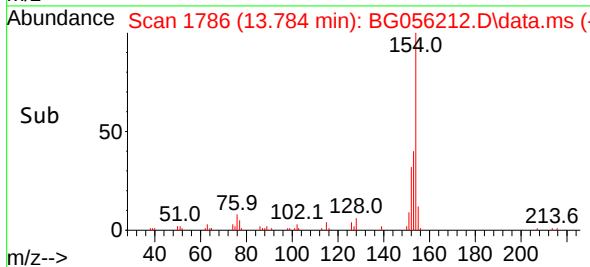
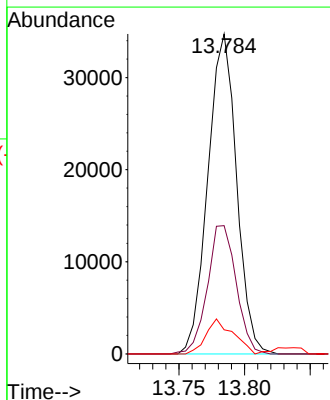
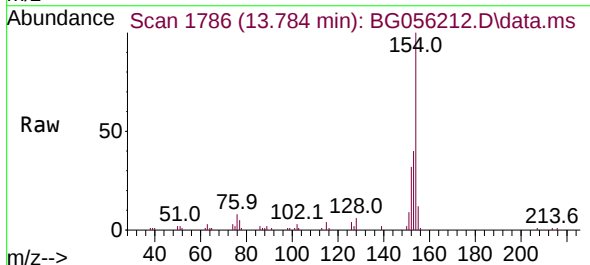
Manual Integrations
APPROVED

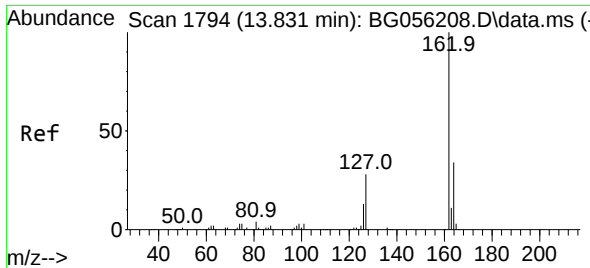
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#43
1,1'-Biphenyl
Concen: 4.279 ng/ul
RT: 13.784 min Scan# 1786
Delta R.T. 0.004 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

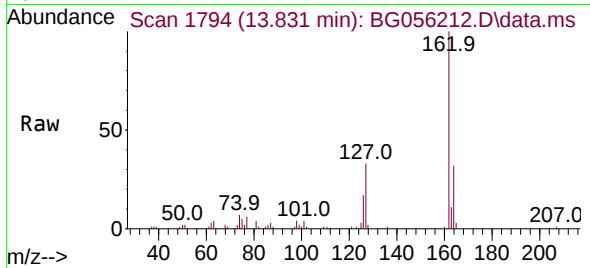
Tgt Ion:154 Resp: 52801
Ion Ratio Lower Upper
154 100
153 40.1 34.0 51.0
76 7.5 8.5 12.7#





#44
2-Chloronaphthalene
Concen: 4.399 ng/ul
RT: 13.831 min Scan# 1794
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

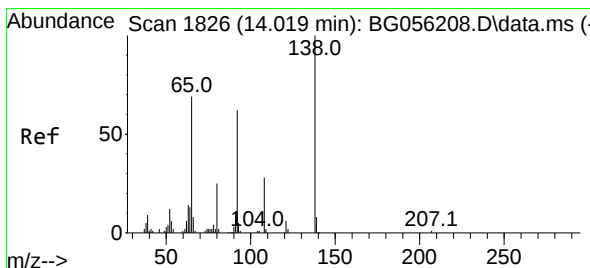
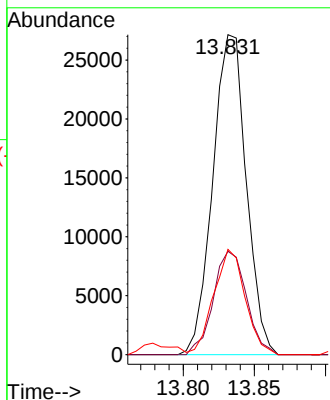
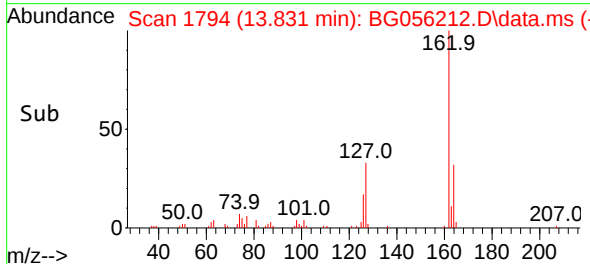
Instrument : BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:162 Resp: 44519
Ion Ratio Lower Upper
162 100
164 32.3 25.9 38.9
127 32.9 24.6 36.8

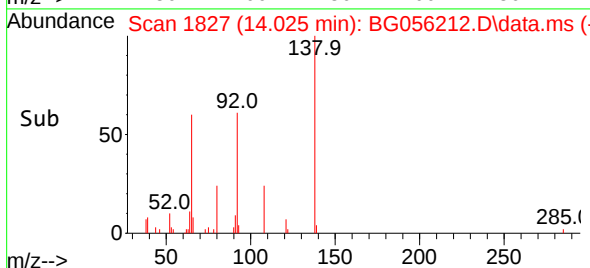
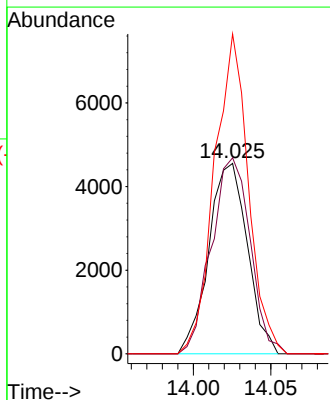
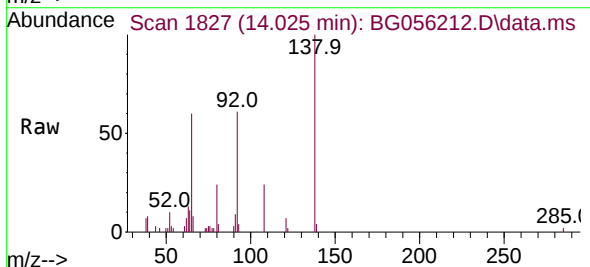
Manual Integrations
APPROVED

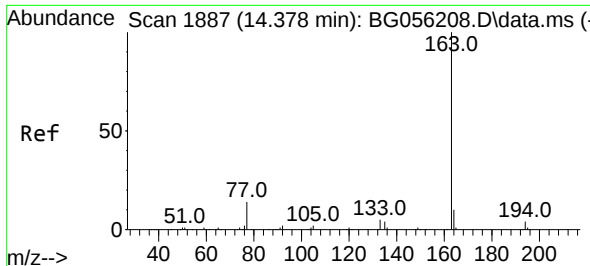
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#45
2-Nitroaniline
Concen: 4.086 ng/ul
RT: 14.025 min Scan# 1827
Delta R.T. 0.004 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

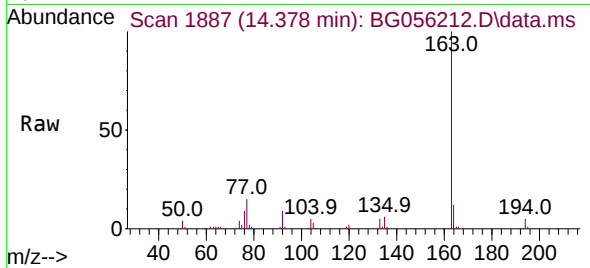
Tgt Ion: 65 Resp: 7892
Ion Ratio Lower Upper
65 100
92 102.9 68.2 102.2#
138 167.9 109.7 164.5#





#47
Dimethylphthalate
Concen: 4.364 ng/ul
RT: 14.378 min Scan# 1887
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

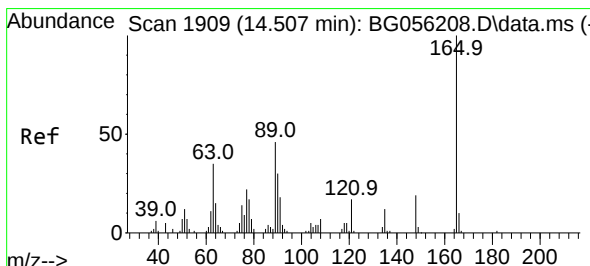
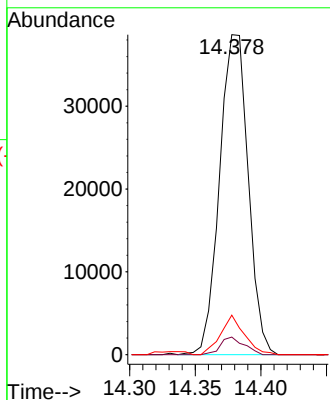
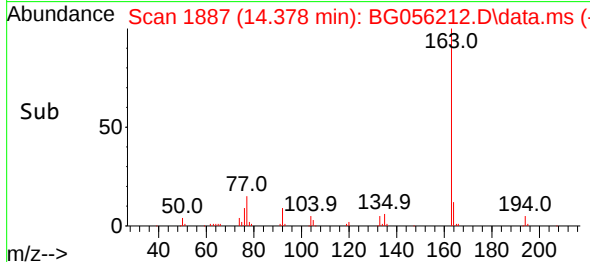
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:163 Resp: 58675
Ion Ratio Lower Upper
163 100
194 5.5 3.5 5.3
164 12.3 8.6 12.8

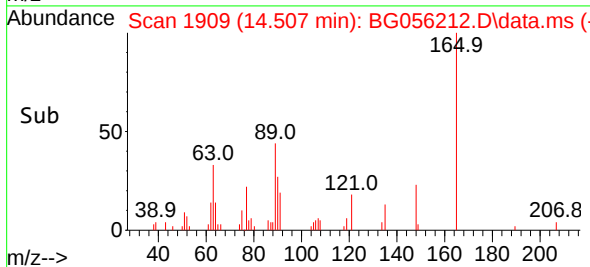
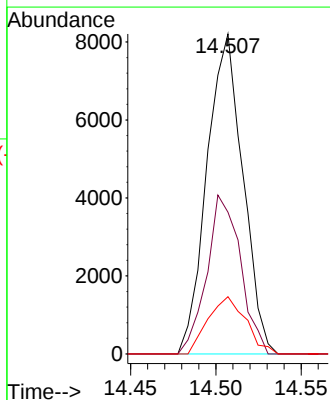
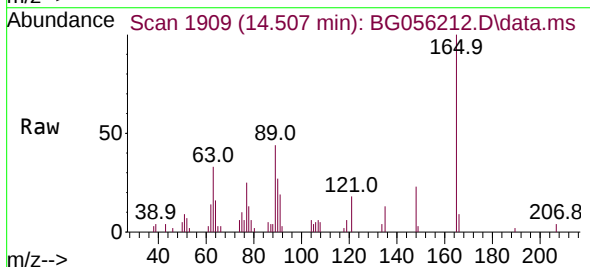
Manual Integrations
APPROVED

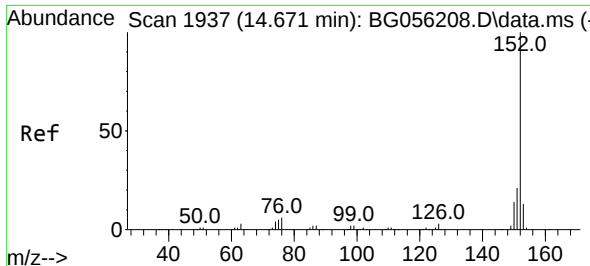
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#48
2,6-Dinitrotoluene
Concen: 4.261 ng/ul
RT: 14.507 min Scan# 1909
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

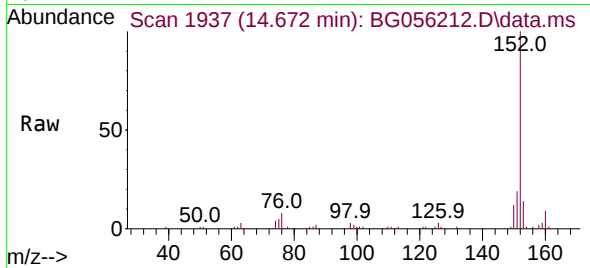
Tgt Ion:165 Resp: 12029
Ion Ratio Lower Upper
165 100
89 44.3 36.2 54.4
121 17.9 12.2 18.4





#50
Acenaphthylene
Concen: 4.226 ng/ul
RT: 14.672 min Scan# 1937
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

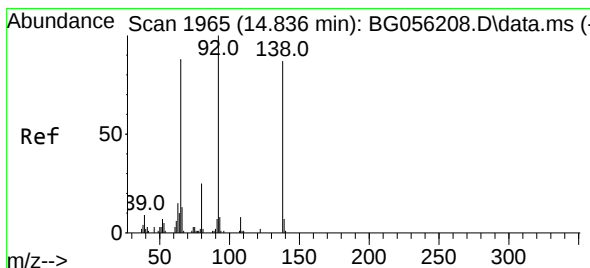
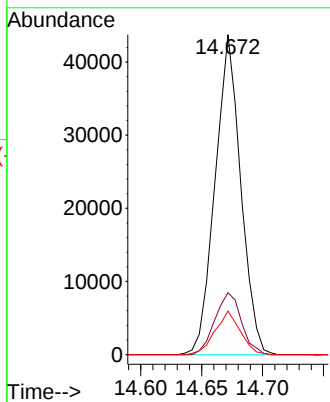
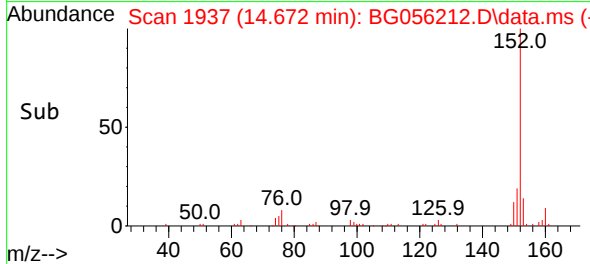
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-07



Tgt Ion:152 Resp: 63969
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 13.6 10.5 15.7

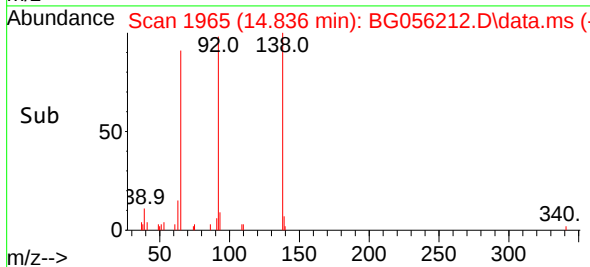
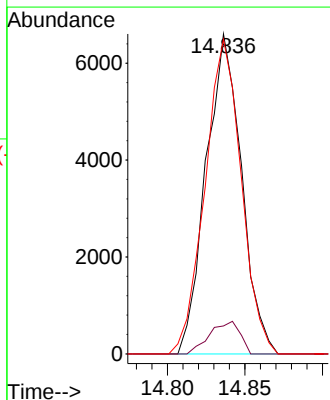
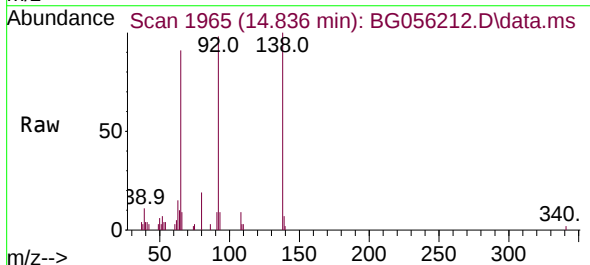
Manual Integrations
APPROVED

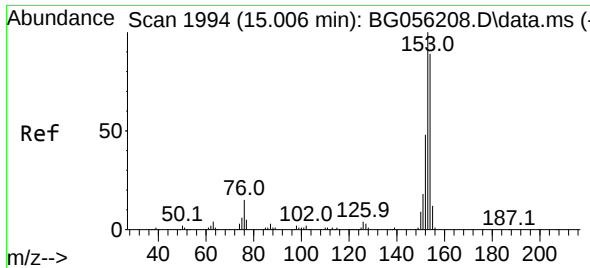
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#51
3-Nitroaniline
Concen: 4.918 ng/ul
RT: 14.836 min Scan# 1965
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

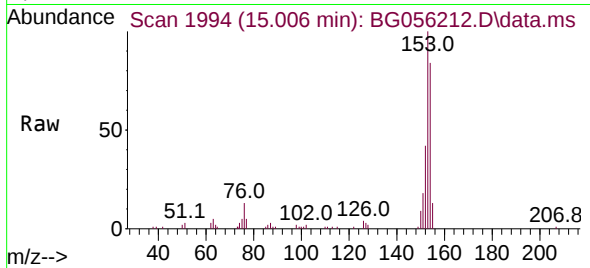
Tgt Ion:138 Resp: 10515
Ion Ratio Lower Upper
138 100
108 8.7 8.3 12.5
92 98.3 85.2 127.8





#52
Acenaphthene
Concen: 4.231 ng/ul
RT: 15.006 min Scan# 1994
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

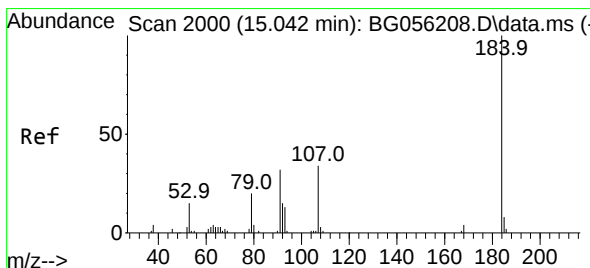
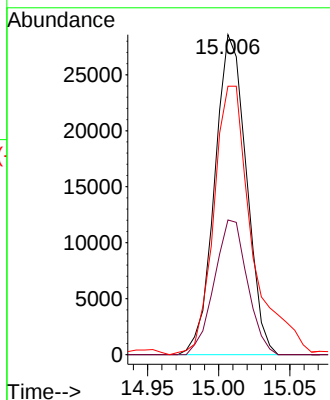
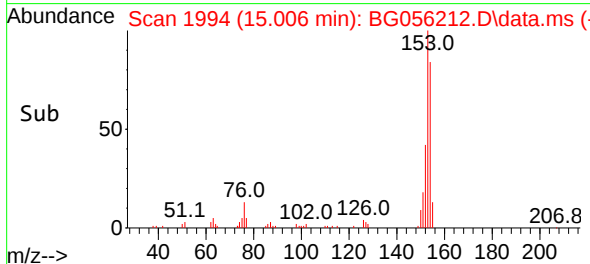
Instrument : BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:153 Resp: 44316
Ion Ratio Lower Upper
153 100
152 42.1 38.0 57.0
154 83.9 67.7 101.5

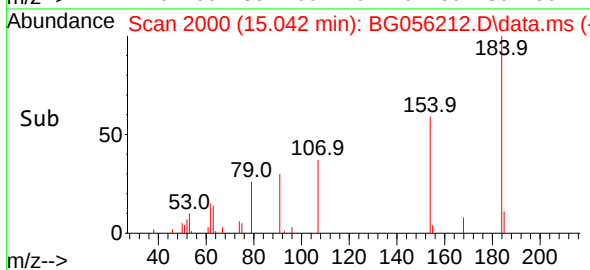
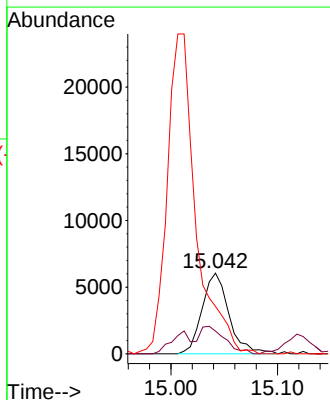
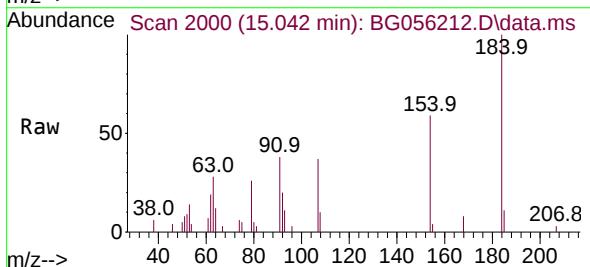
Manual Integrations
APPROVED

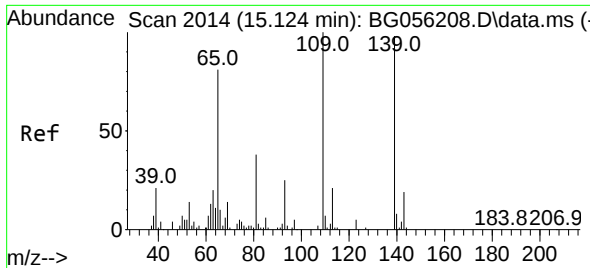
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#53
2,4-Dinitrophenol
Concen: 5.253 ng/ul
RT: 15.042 min Scan# 2000
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

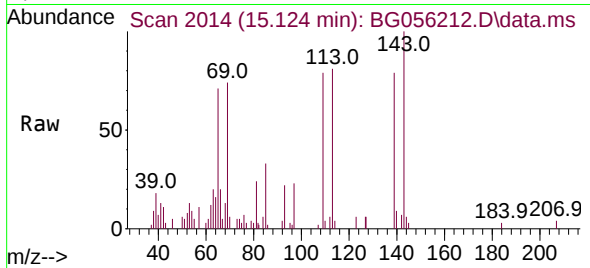
Tgt Ion:184 Resp: 10604
Ion Ratio Lower Upper
184 100
63 28.3 22.4 33.6
154 58.8 42.2 63.4





#55
4-Nitrophenol
Concen: 4.047 ng/ul
RT: 15.124 min Scan# 2014
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

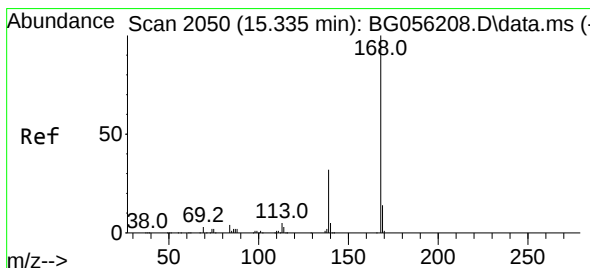
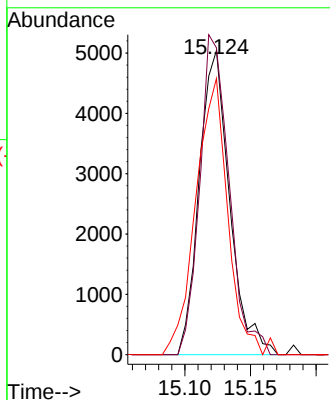
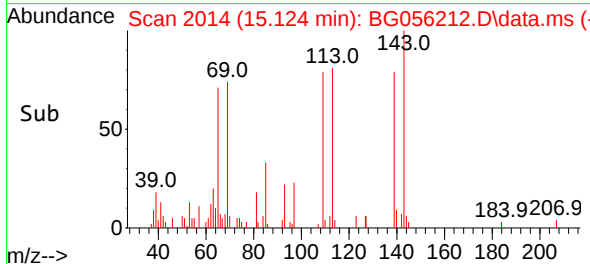
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:109 Resp: 8130
Ion Ratio Lower Upper
109 100
139 100.9 86.7 130.1
65 90.8 67.9 101.9

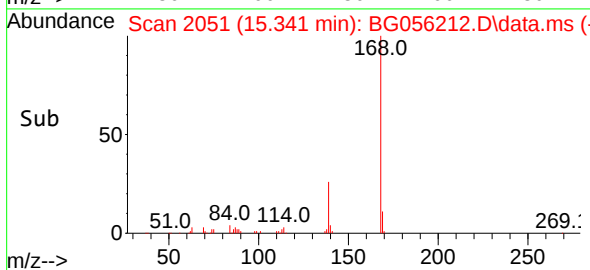
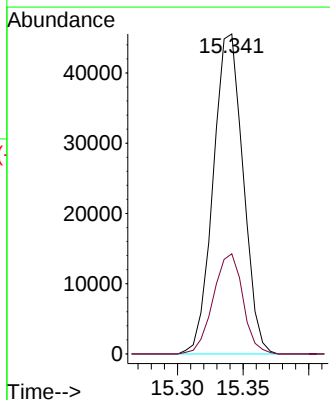
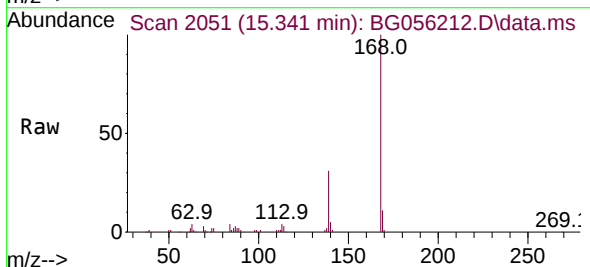
Manual Integrations
APPROVED

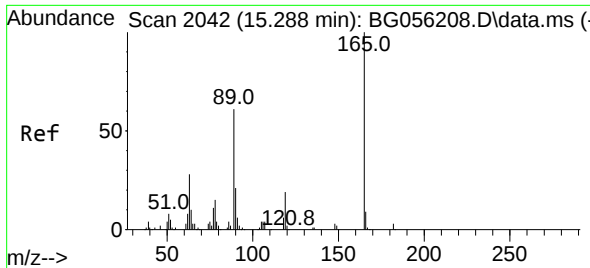
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#56
Dibenzofuran
Concen: 4.468 ng/ul
RT: 15.341 min Scan# 2051
Delta R.T. 0.004 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

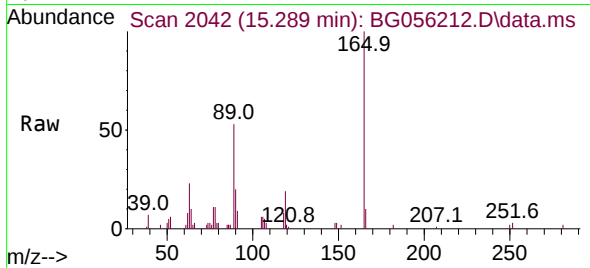
Tgt Ion:168 Resp: 72348
Ion Ratio Lower Upper
168 100
139 31.3 25.0 37.4





#57
2,4-Dinitrotoluene
Concen: 4.110 ng/ul
RT: 15.289 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

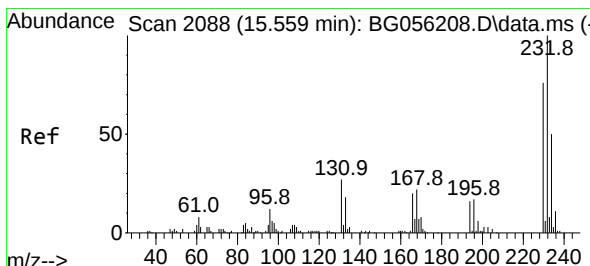
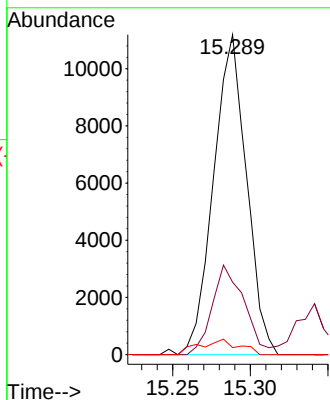
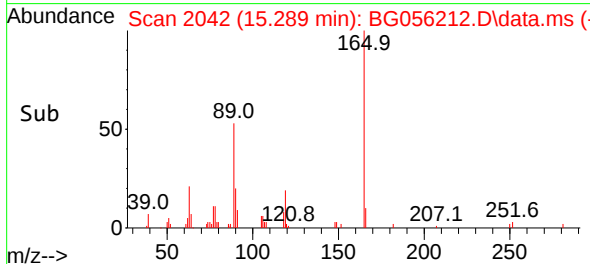
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-07



Tgt Ion:165 Resp: 16534
Ion Ratio Lower Upper
165 100
63 22.6 20.9 31.3
182 2.2 2.7 4.1

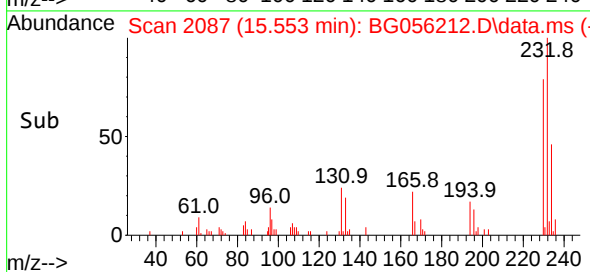
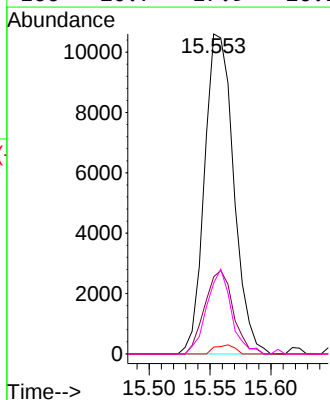
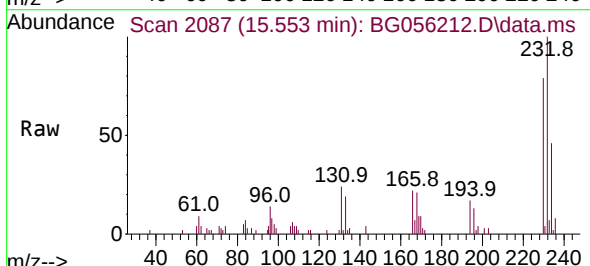
Manual Integrations
APPROVED

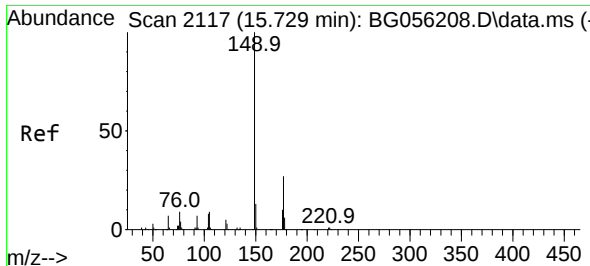
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.972 ng/ul
RT: 15.553 min Scan# 2087
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

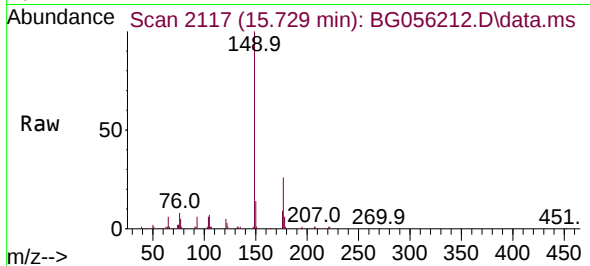
Tgt Ion:232 Resp: 17626
Ion Ratio Lower Upper
232 100
131 24.7 22.9 34.3
130 2.0 1.7 2.5
166 20.7 17.9 26.9





#59
Diethylphthalate
Concen: 4.365 ng/ul
RT: 15.729 min Scan# 2117
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

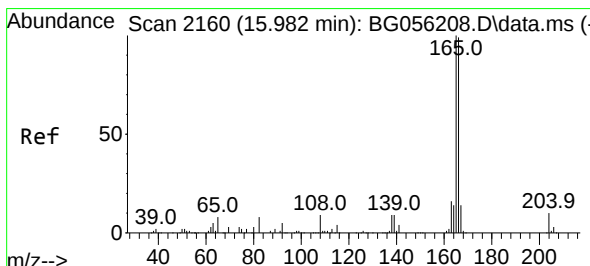
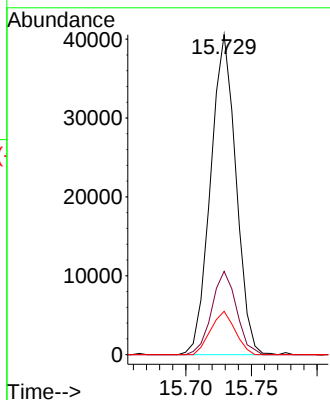
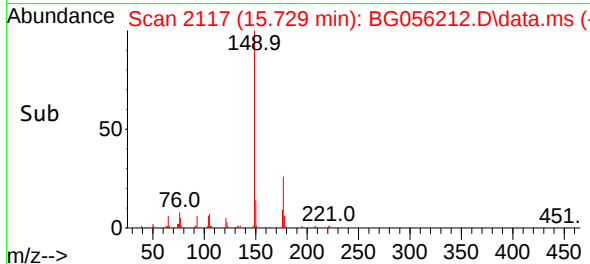
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:149 Resp: 54568
Ion Ratio Lower Upper
149 100
177 26.0 20.2 30.4
150 13.5 9.9 14.9

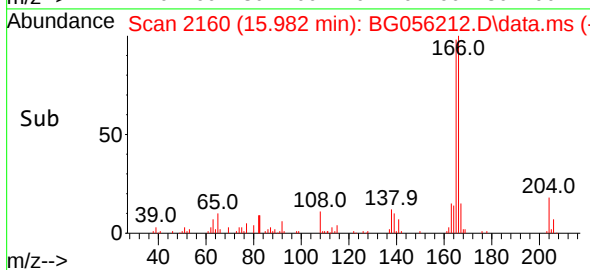
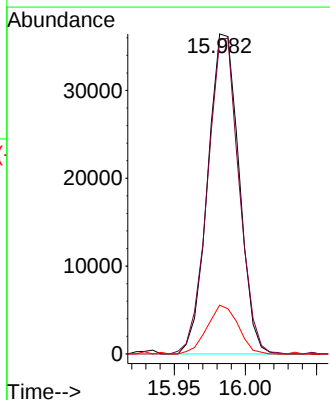
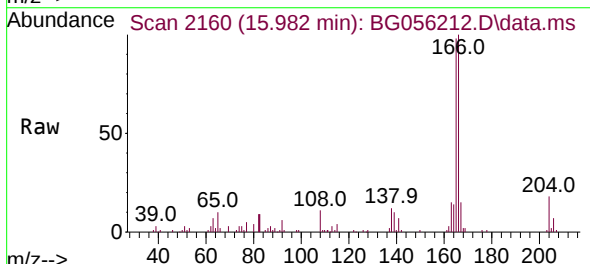
Manual Integrations
APPROVED

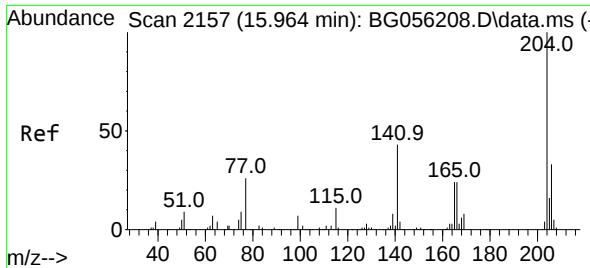
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#61
Fluorene
Concen: 4.271 ng/ul
RT: 15.982 min Scan# 2160
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

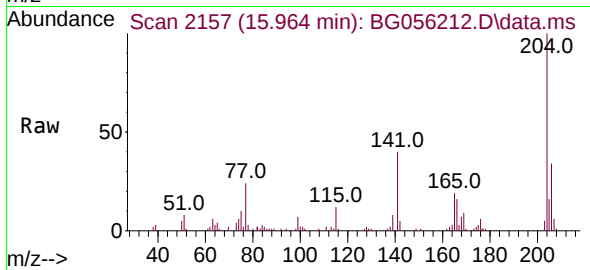
Tgt Ion:166 Resp: 55697
Ion Ratio Lower Upper
166 100
165 98.0 78.5 117.7
167 15.2 10.4 15.6





#62
4-Chlorophenyl-phenylether
Concen: 4.461 ng/ul
RT: 15.964 min Scan# 2157
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

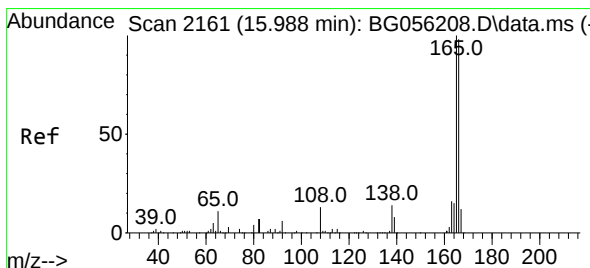
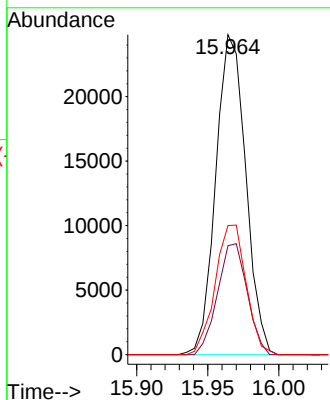
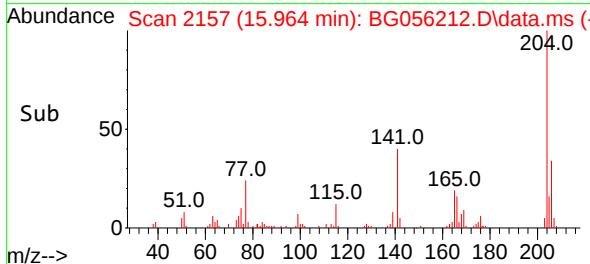
Instrument : BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



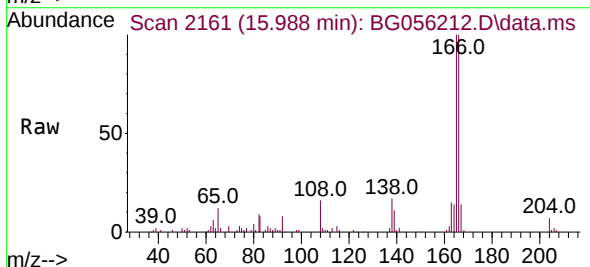
Tgt Ion:204 Resp: 36373
Ion Ratio Lower Upper
204 100
206 34.0 25.0 37.4
141 40.3 31.6 47.4

Manual Integrations
APPROVED

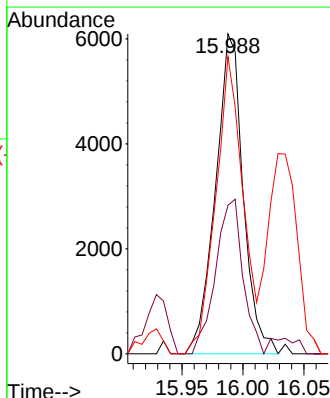
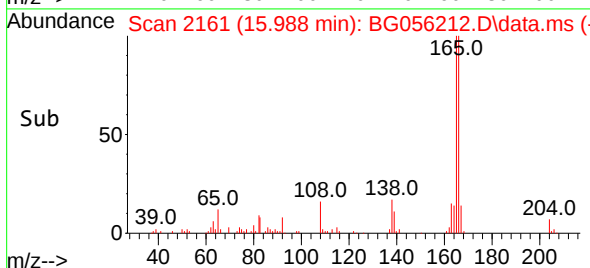
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

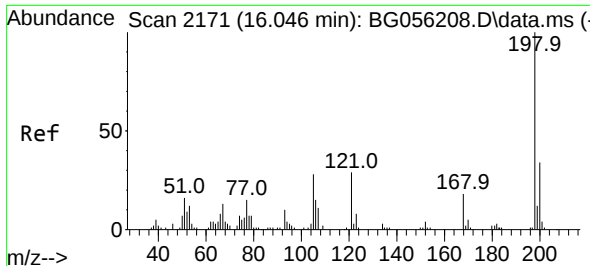


#63
4-Nitroaniline
Concen: 4.920 ng/ul
RT: 15.988 min Scan# 2161
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37



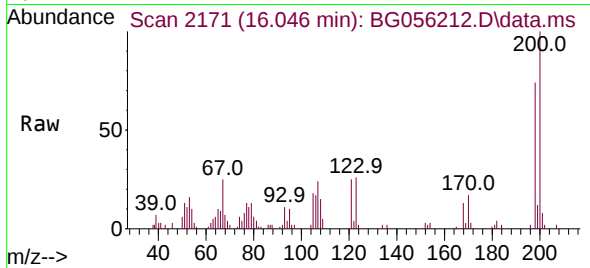
Tgt Ion:138 Resp: 9624
Ion Ratio Lower Upper
138 100
92 46.4 38.8 58.2
108 92.9 75.0 112.4





#66
4,6-Dinitro-2-methylphenol
Concen: 4.482 ng/ul
RT: 16.046 min Scan# 2171
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

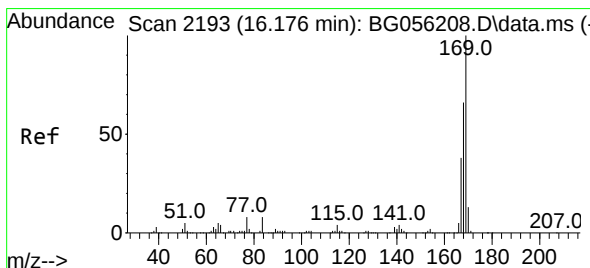
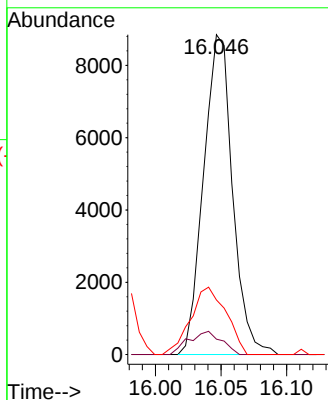
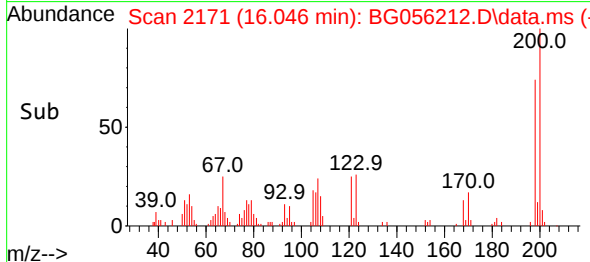
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



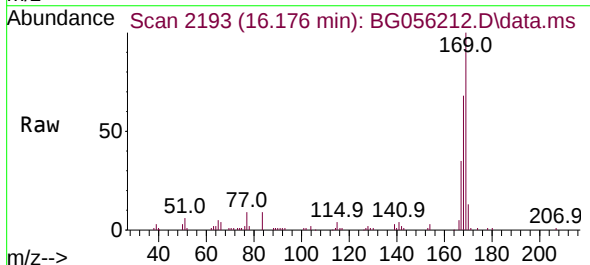
Tgt Ion:198 Resp: 13592
Ion Ratio Lower Upper
198 100
182 4.8 2.2 3.4
77 17.1 11.4 17.2

Manual Integrations
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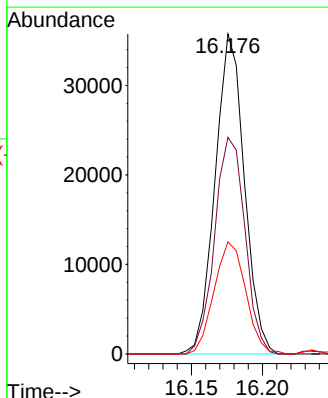
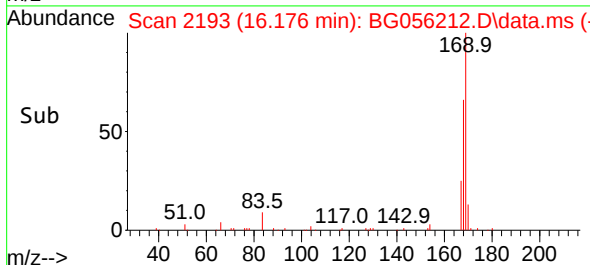
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

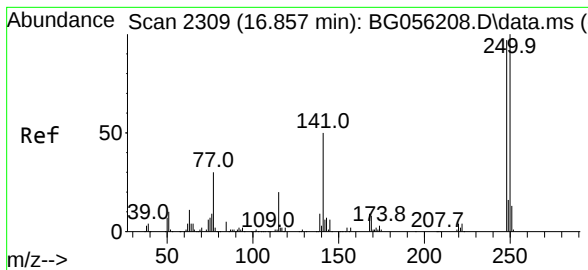


#67
N-Nitrosodiphenylamine
Concen: 4.245 ng/ul
RT: 16.176 min Scan# 2193
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37



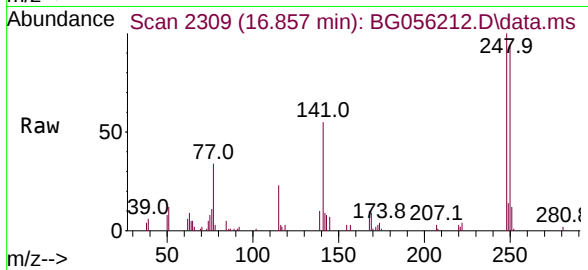
Tgt Ion:169 Resp: 51226
Ion Ratio Lower Upper
169 100
168 67.7 56.1 84.1
167 35.0 30.3 45.5





#68
4-Bromophenyl-phenylether
Concen: 4.128 ng/ul
RT: 16.857 min Scan# 2309
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

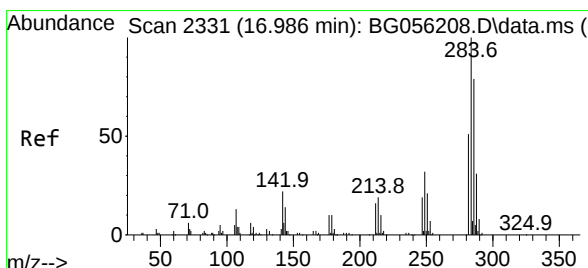
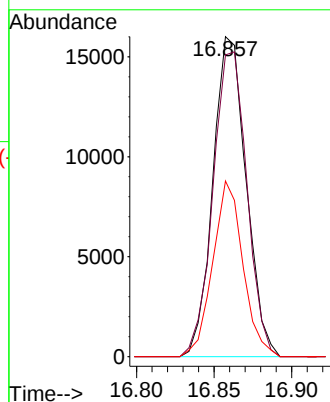
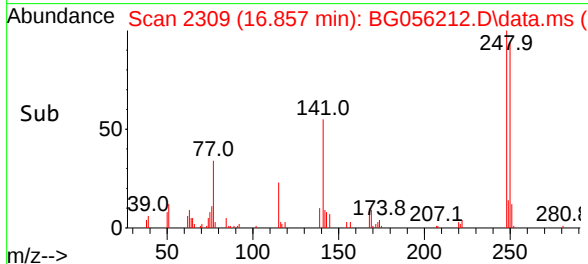
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:248 Resp: 23942
Ion Ratio Lower Upper
248 100
250 94.3 74.8 112.2
141 54.9 37.0 55.4

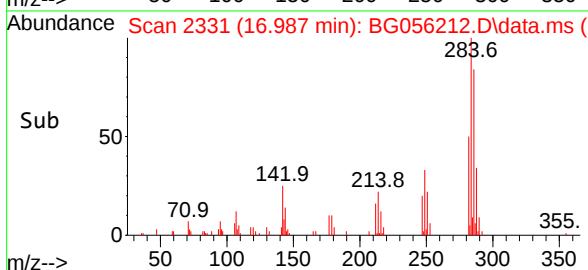
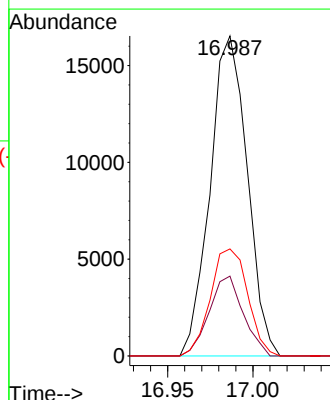
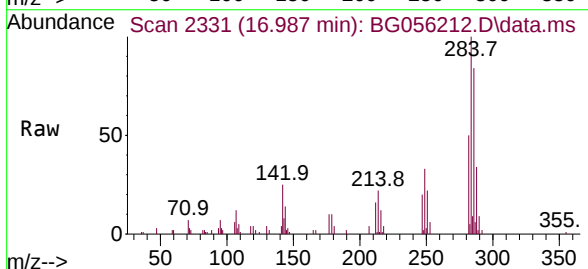
Manual Integrations
APPROVED

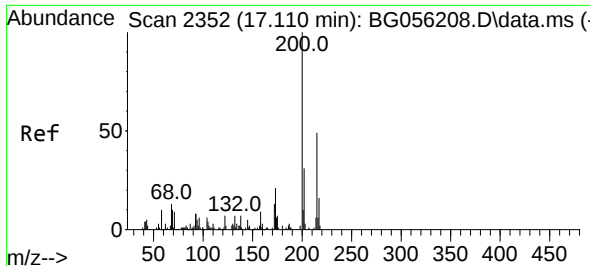
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#69
Hexachlorobenzene
Concen: 4.353 ng/ul
RT: 16.987 min Scan# 2331
Delta R.T. 0.004 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

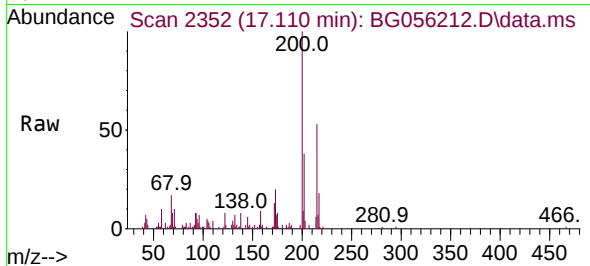
Tgt Ion:284 Resp: 25000
Ion Ratio Lower Upper
284 100
142 23.0 18.9 28.3
249 30.8 26.8 40.2





#70
Atrazine
Concen: 6.200 ng/ul
RT: 17.110 min Scan# 2352
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

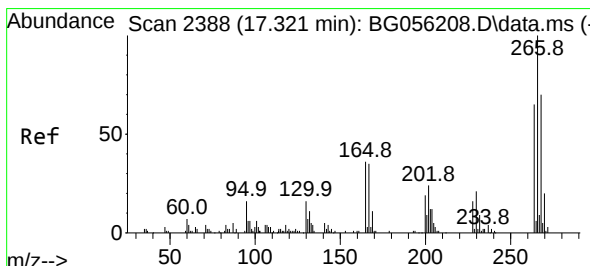
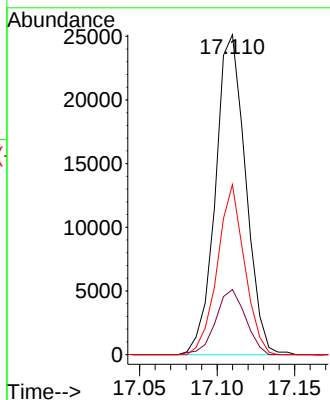
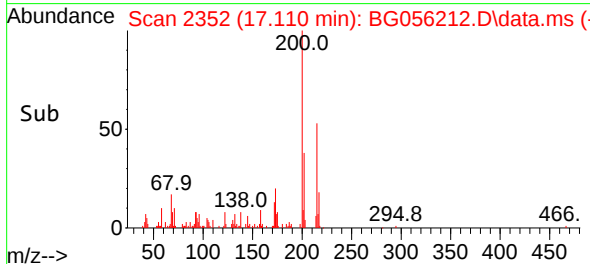
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-07



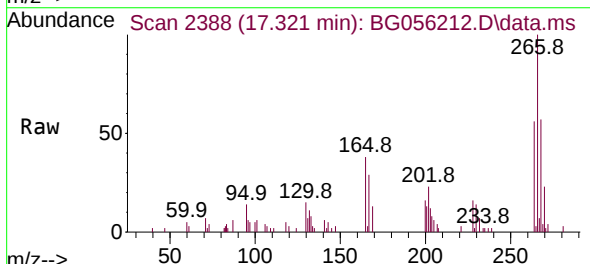
Tgt Ion:200 Resp: 34102
Ion Ratio Lower Upper
200 100
173 20.3 18.0 27.0
215 53.1 40.8 61.2

Manual Integrations
APPROVED

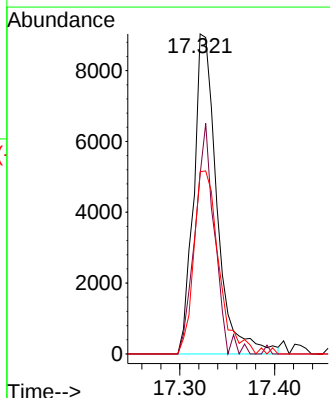
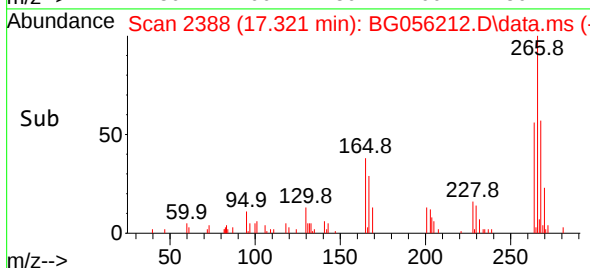
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

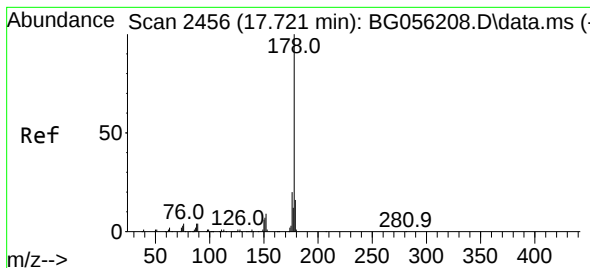


#71
Pentachlorophenol
Concen: 4.211 ng/ul
RT: 17.321 min Scan# 2388
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37



Tgt Ion:266 Resp: 15425
Ion Ratio Lower Upper
266 100
264 56.0 47.7 71.5
268 56.9 54.3 81.5





#72

Phenanthrene

Concen: 4.280 ng/ul

RT: 17.727 min Scan# 2457

Delta R.T. 0.004 min

Lab File: BG056212.D

Acq: 5 Jan 2023 13:37

Instrument :

BNA_G

ClientSampleId :

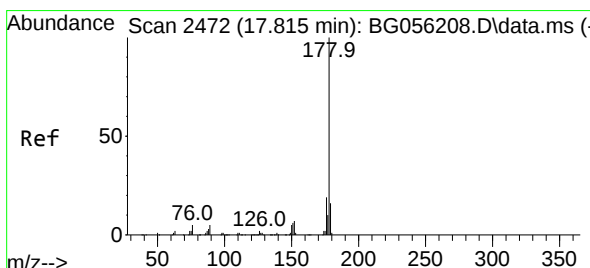
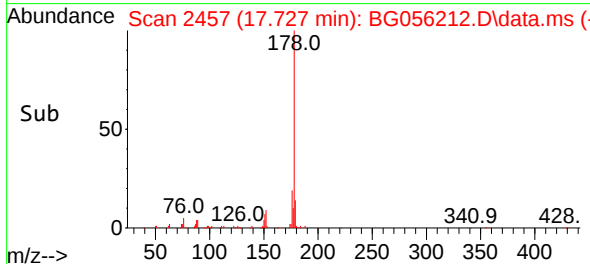
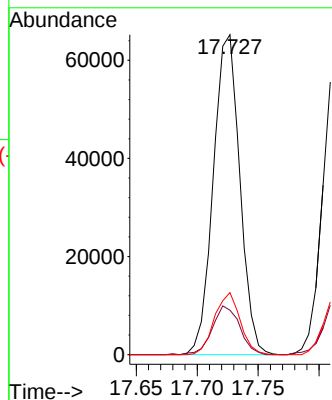
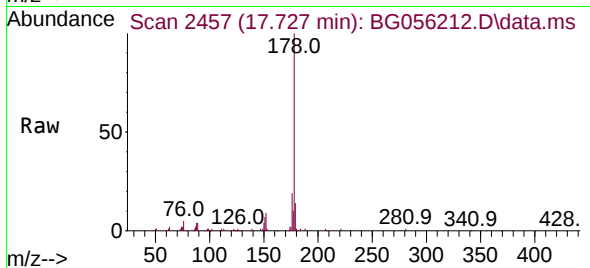
MDL-SOIL-QT4-2022-07

Tgt Ion:	178	Resp:	98672
Ion Ratio	Lower	Upper	
178	100		
179	13.9	12.4	18.6
176	19.4	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#74

Anthracene

Concen: 4.234 ng/ul

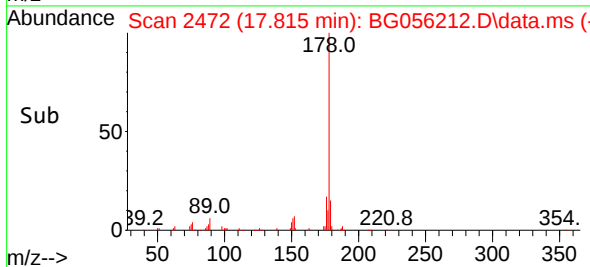
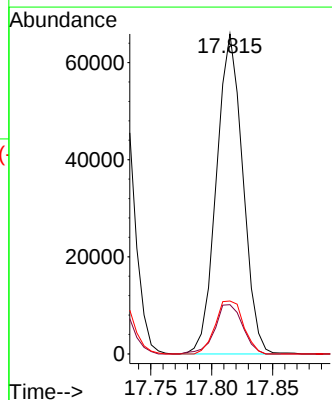
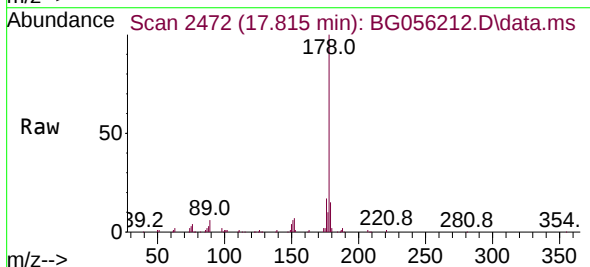
RT: 17.815 min Scan# 2472

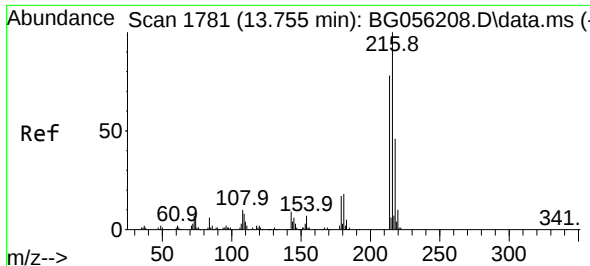
Delta R.T. 0.004 min

Lab File: BG056212.D

Acq: 5 Jan 2023 13:37

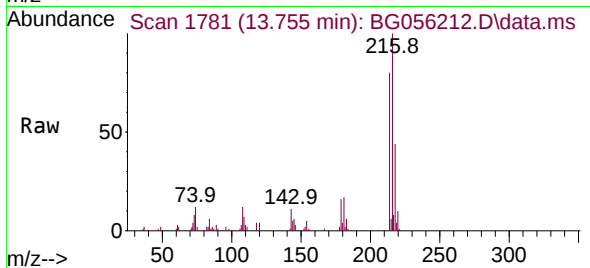
Tgt Ion:	178	Resp:	99095
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.0	19.6
176	16.6	14.2	21.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.390 ng/uL
RT: 13.755 min Scan# 1781
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

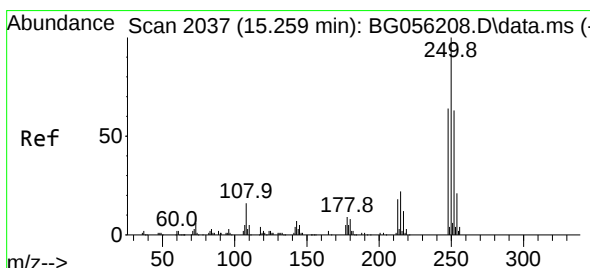
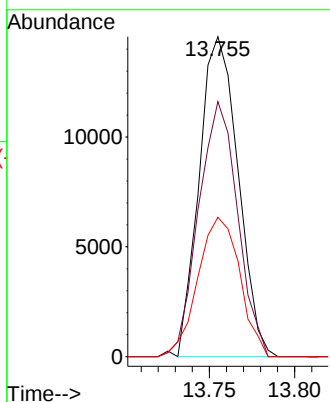
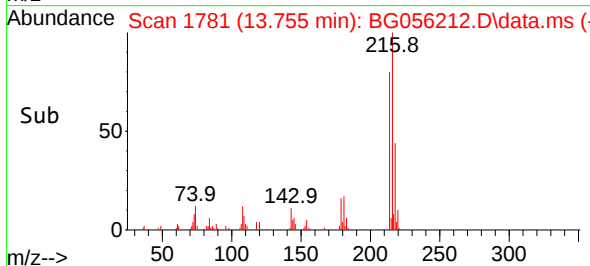
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-07



Tgt Ion:216 Resp: 23103
Ion Ratio Lower Upper
216 100
214 73.7 62.4 93.6
218 40.2 39.4 59.0

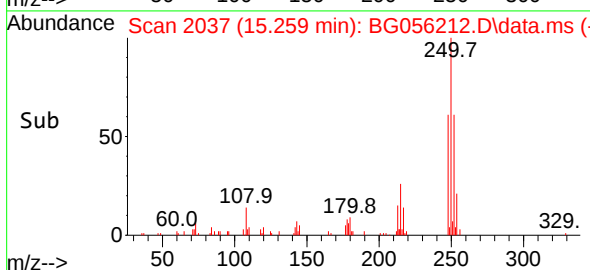
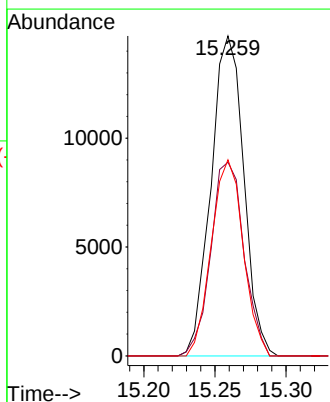
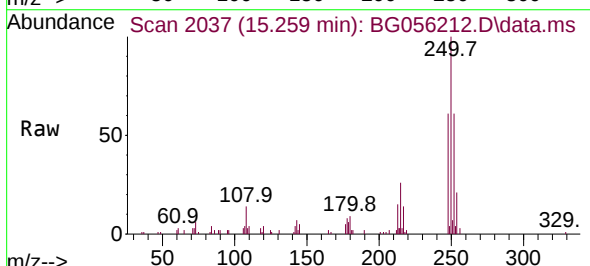
Manual Integrations
APPROVED

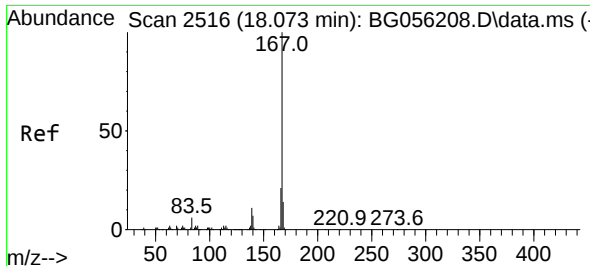
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#76
Pentachlorobenzene
Concen: 3.384 ng/uL
RT: 15.259 min Scan# 2037
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

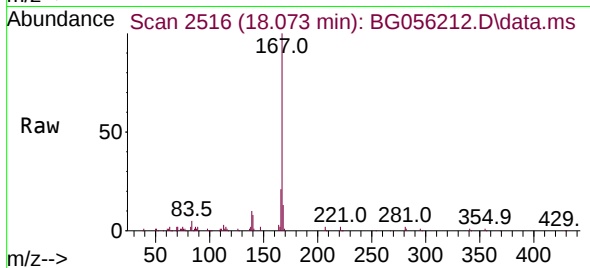
Tgt Ion:250 Resp: 23594
Ion Ratio Lower Upper
250 100
248 64.2 51.6 77.4
252 61.3 55.2 82.8





#77
 Carbazole
 Concen: 4.326 ng/ul
 RT: 18.073 min Scan# 2516
 Delta R.T. -0.002 min
 Lab File: BG056212.D
 Acq: 5 Jan 2023 13:37

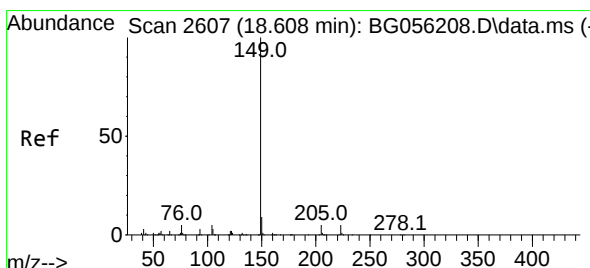
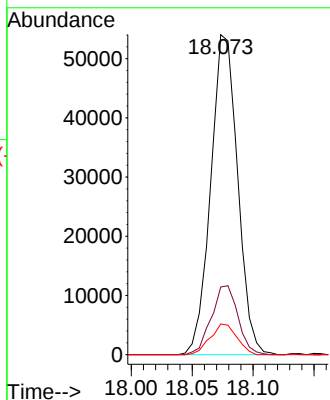
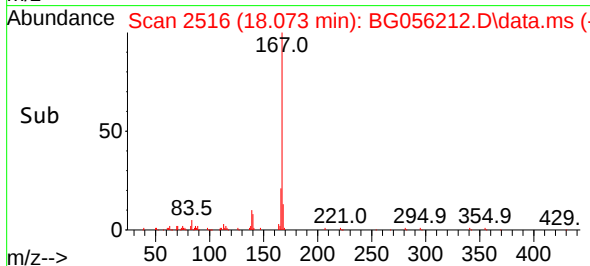
Instrument : BNA_G
 ClientSampleId : MDL-SOIL-QT4-2022-07



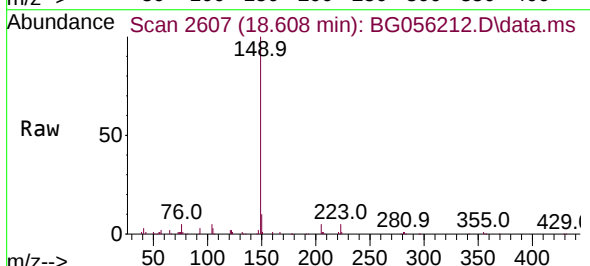
Tgt Ion:167 Resp: 83119
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.4 26.0
 139 9.6 8.6 12.8

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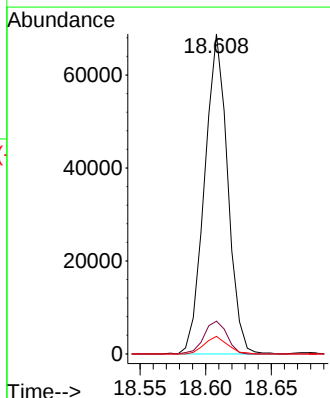
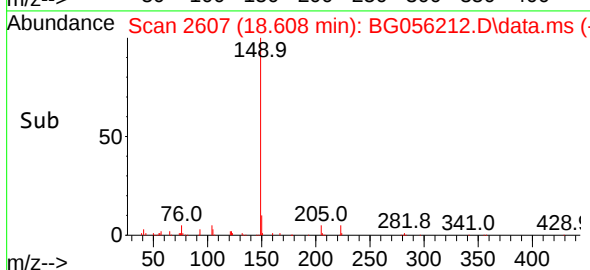
Reviewed By :Jagrut Upadhyay 01/06/2023
 Supervised By :mohammad ahmed 01/06/2023

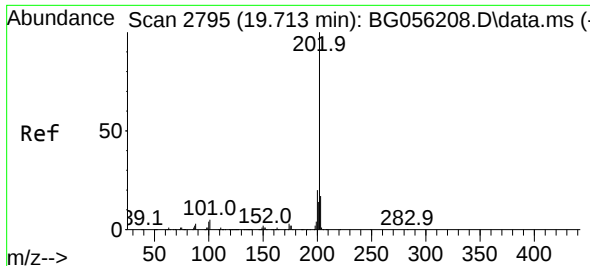


#78
 Di-n-butylphthalate
 Concen: 4.150 ng/ul
 RT: 18.608 min Scan# 2607
 Delta R.T. 0.004 min
 Lab File: BG056212.D
 Acq: 5 Jan 2023 13:37



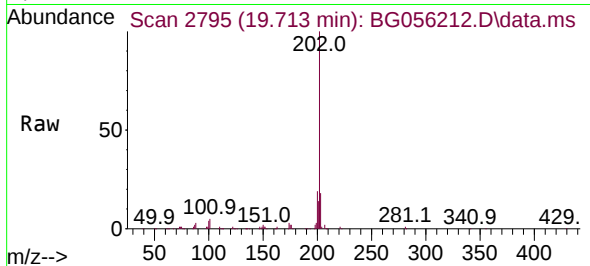
Tgt Ion:149 Resp: 84143
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.1 10.7
 104 5.5 4.2 6.4





#80
Fluoranthene
Concen: 4.292 ng/ul
RT: 19.713 min Scan# 2795
Delta R.T. 0.004 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

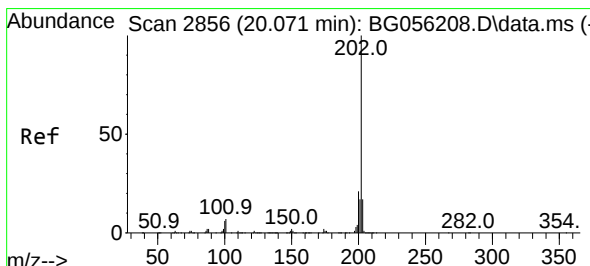
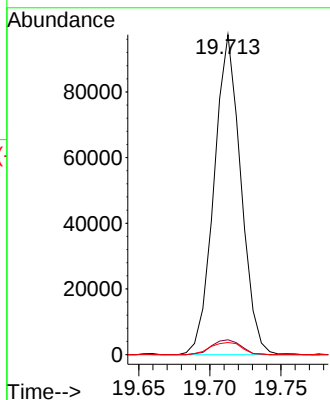
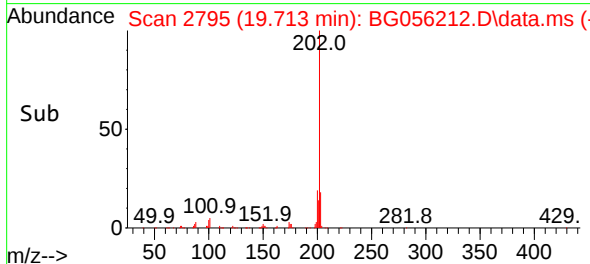
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:202 Resp: 127906
Ion Ratio Lower Upper
202 100
101 4.6 4.4 6.6
100 3.8 3.8 5.6

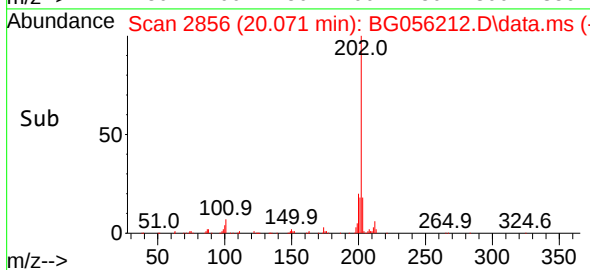
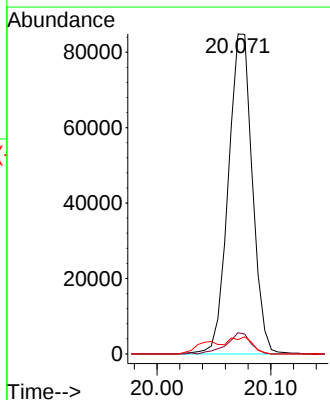
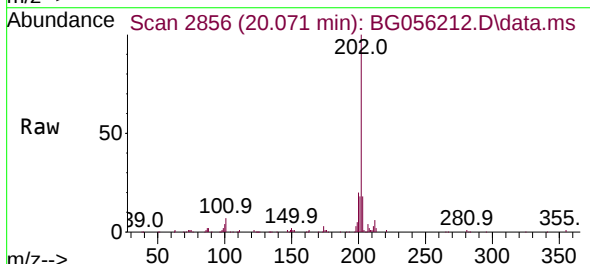
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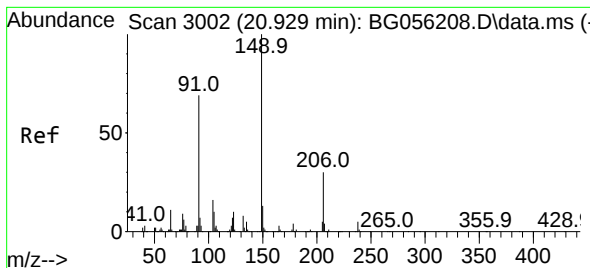
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#82
Pyrene
Concen: 4.173 ng/ul
RT: 20.071 min Scan# 2856
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

Tgt Ion:202 Resp: 124347
Ion Ratio Lower Upper
202 100
101 6.6 5.2 7.8
100 4.5 4.2 6.2





#83

Butylbenzylphthalate

Concen: 4.025 ng/ul

RT: 20.935 min Scan# 3002

Delta R.T. 0.004 min

Lab File: BG056212.D

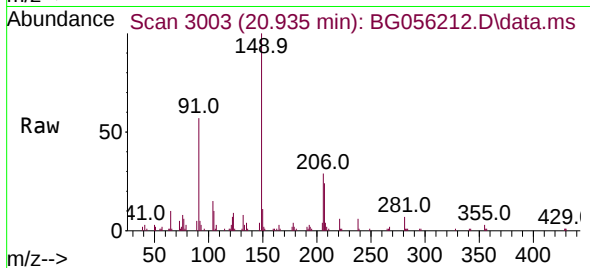
Acq: 5 Jan 2023 13:37

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2022-07

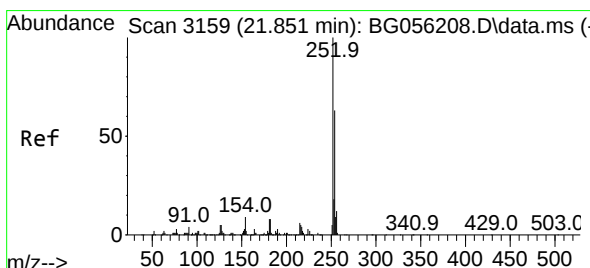
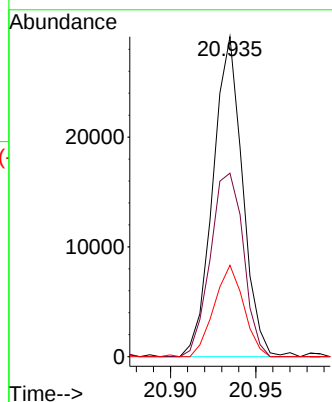
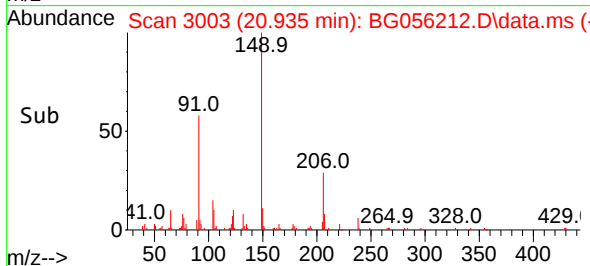


Tgt Ion:	149	Resp:	3518
Ion Ratio	Lower	Upper	
149	100		
91	57.3	50.0	75.0
206	28.5	23.2	34.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#84

3,3'-Dichlorobenzidine

Concen: 5.464 ng/ul

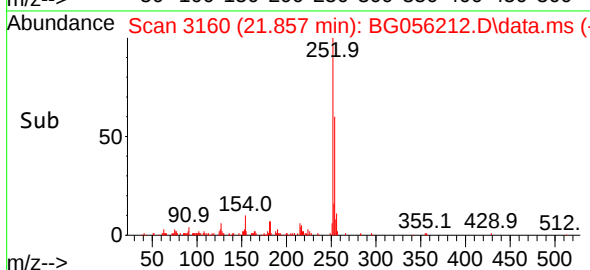
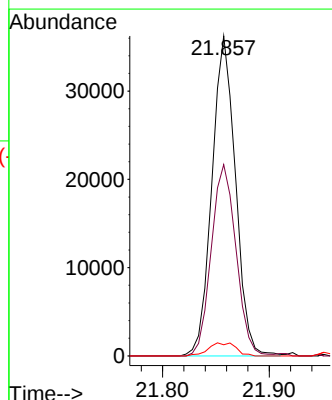
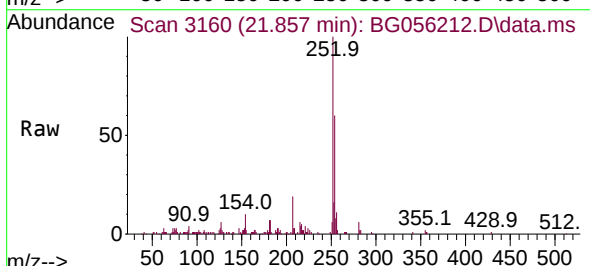
RT: 21.857 min Scan# 3160

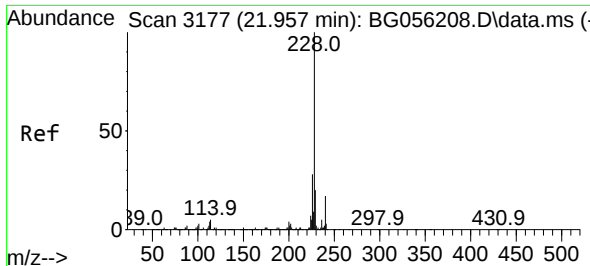
Delta R.T. 0.004 min

Lab File: BG056212.D

Acq: 5 Jan 2023 13:37

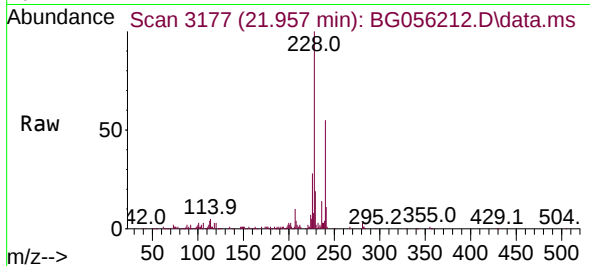
Tgt Ion:	252	Resp:	55644
Ion Ratio	Lower	Upper	
252	100		
254	59.8	51.1	76.7
126	3.5	3.8	5.6





#85
Benzo(a)anthracene
Concen: 4.251 ng/ul
RT: 21.957 min Scan# 3177
Delta R.T. 0.004 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

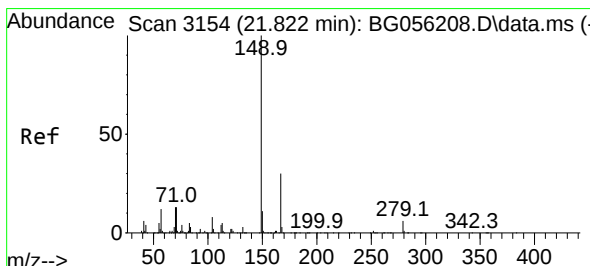
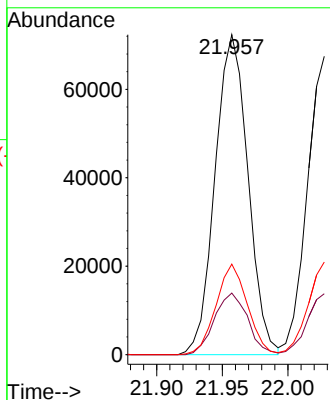
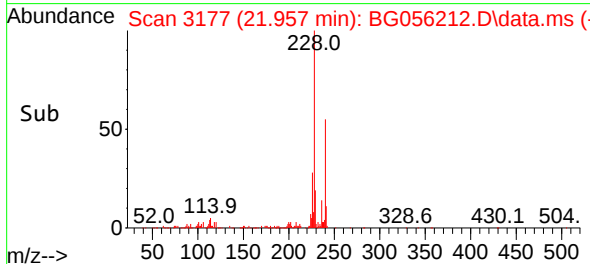
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:228 Resp: 126243
Ion Ratio Lower Upper
228 100
229 19.3 15.9 23.9
226 28.3 22.2 33.2

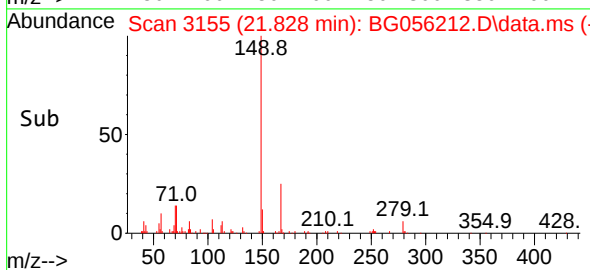
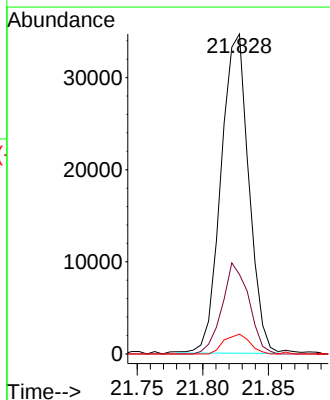
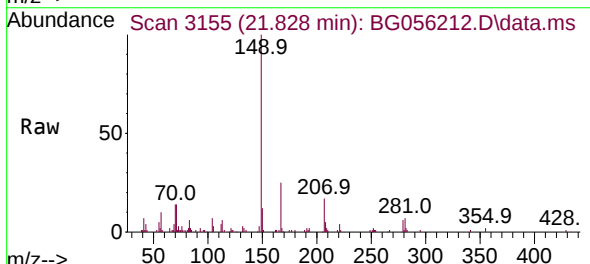
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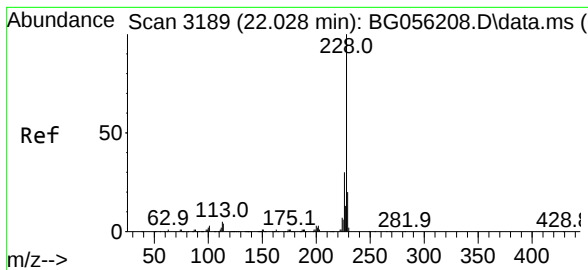
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.044 ng/ul
RT: 21.828 min Scan# 3155
Delta R.T. 0.004 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

Tgt Ion:149 Resp: 51112
Ion Ratio Lower Upper
149 100
167 24.8 23.7 35.5
279 6.2 4.9 7.3





#87

Chrysene

Concen: 4.262 ng/ul

RT: 22.028 min Scan# 3189

Delta R.T. 0.004 min

Lab File: BG056212.D

Acq: 5 Jan 2023 13:37

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2022-07

Tgt Ion:228 Resp: 11768

Ion Ratio Lower Upper

228 100

226 31.0 24.5 36.7

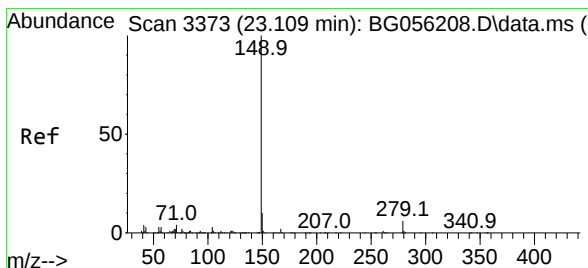
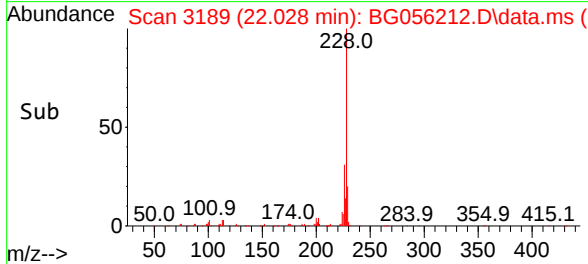
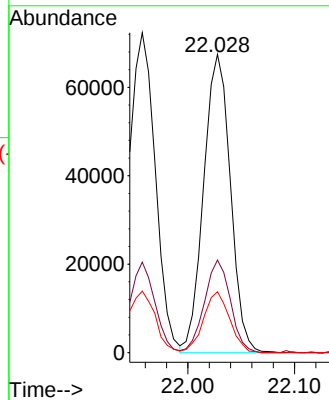
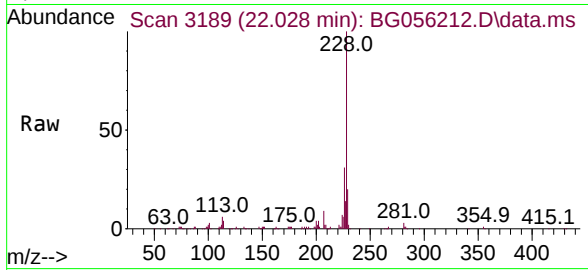
229 20.4 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023

Supervised By :mohammad ahmed 01/06/2023



#89

Di-n-octyl phthalate

Concen: 4.378 ng/ul

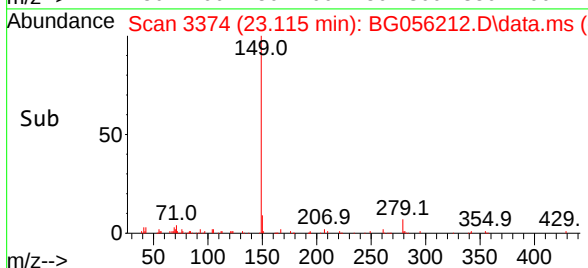
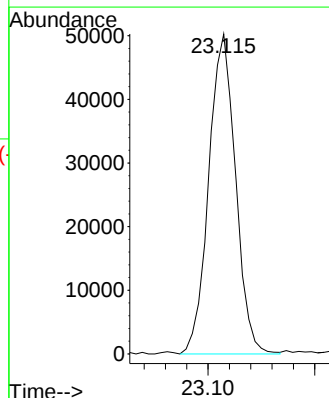
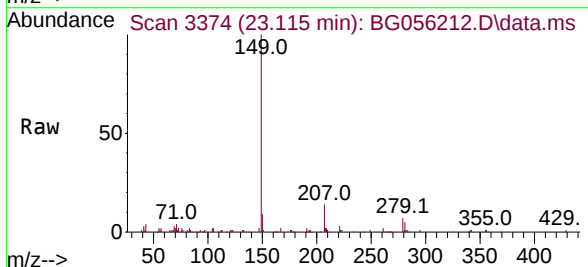
RT: 23.115 min Scan# 3374

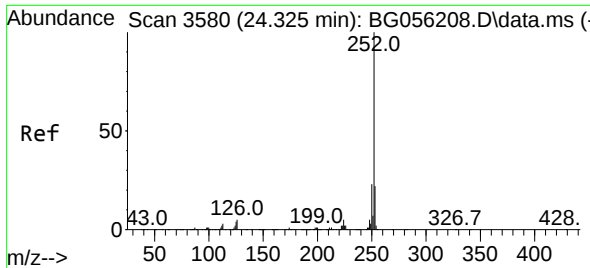
Delta R.T. 0.004 min

Lab File: BG056212.D

Acq: 5 Jan 2023 13:37

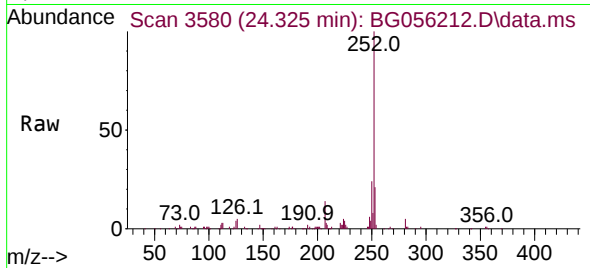
Tgt Ion:149 Resp: 87799





#90
Benzo(b)fluoranthene
Concen: 4.452 ng/ul
RT: 24.325 min Scan# 3580
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

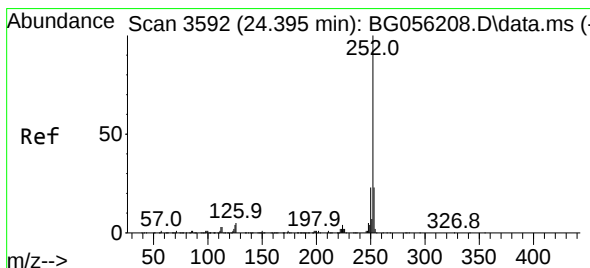
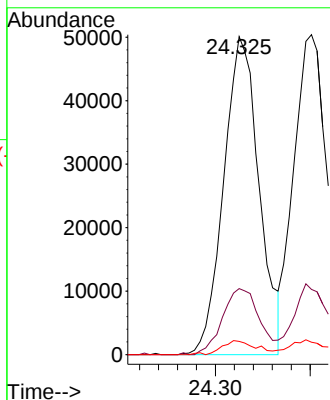
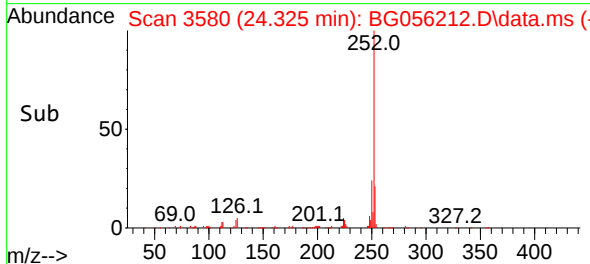
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-07



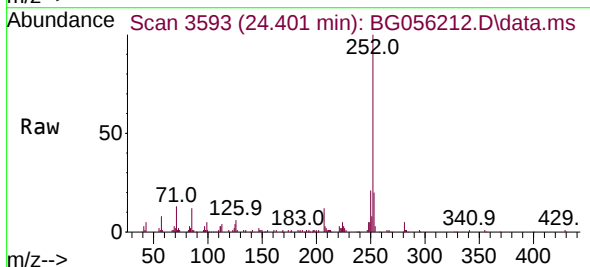
Tgt Ion:252 Resp: 129838
Ion Ratio Lower Upper
252 100
253 20.7 17.4 26.2
125 4.1 3.0 4.4

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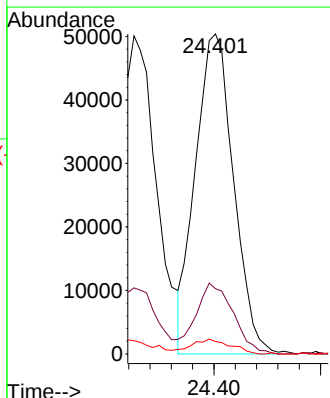
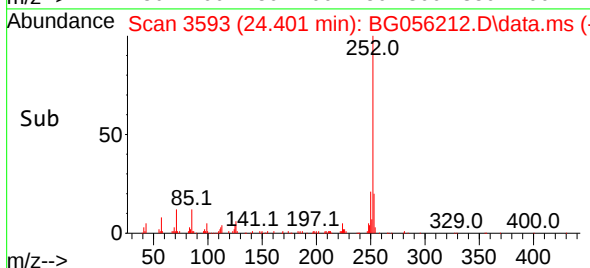
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

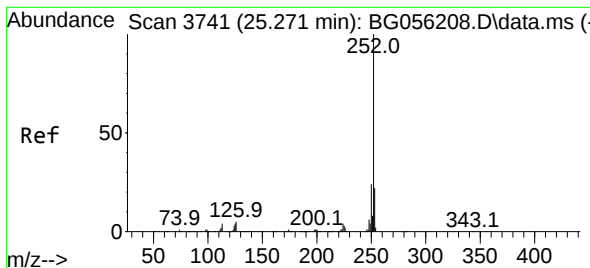


#91
Benzo(k)fluoranthene
Concen: 4.393 ng/ul
RT: 24.401 min Scan# 3593
Delta R.T. -0.002 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37



Tgt Ion:252 Resp: 125348
Ion Ratio Lower Upper
252 100
253 20.4 18.0 27.0
125 3.9 3.1 4.7





#93

Benzo(a)pyrene

Concen: 4.390 ng/ul

RT: 25.271 min Scan# 3741

Delta R.T. -0.002 min

Lab File: BG056212.D

Acq: 5 Jan 2023 13:37

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2022-07

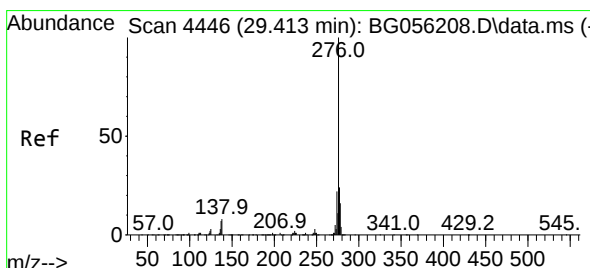
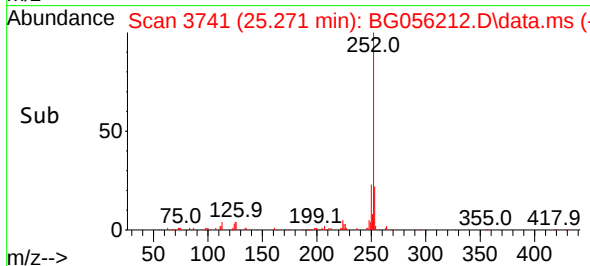
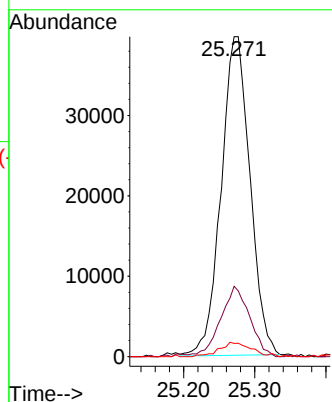
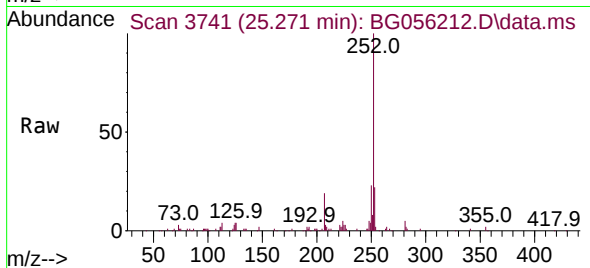
Tgt Ion:252 Resp: 112086

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	4.1	3.2	4.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.522 ng/ul

RT: 29.407 min Scan# 4445

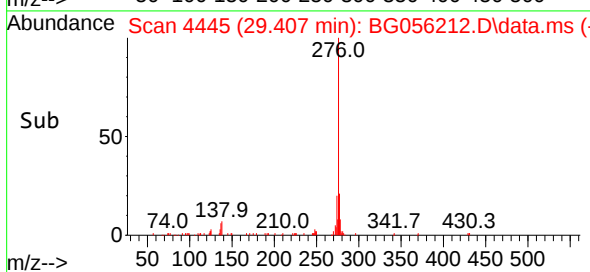
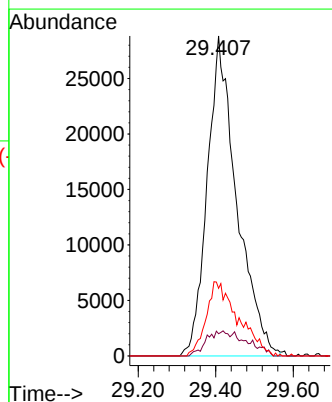
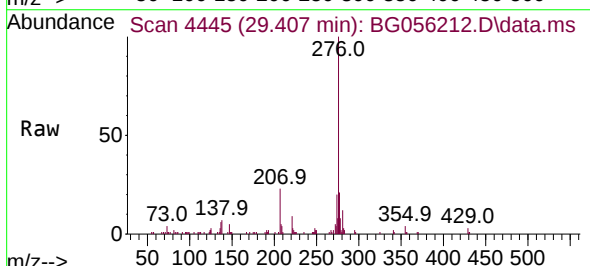
Delta R.T. -0.002 min

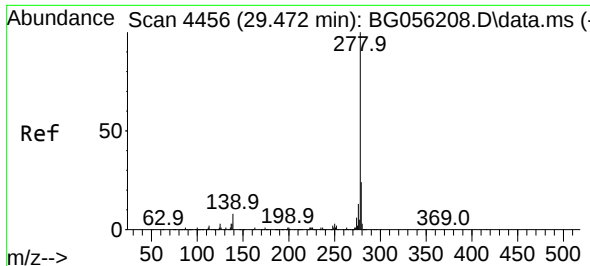
Lab File: BG056212.D

Acq: 5 Jan 2023 13:37

Tgt Ion:276 Resp: 151892

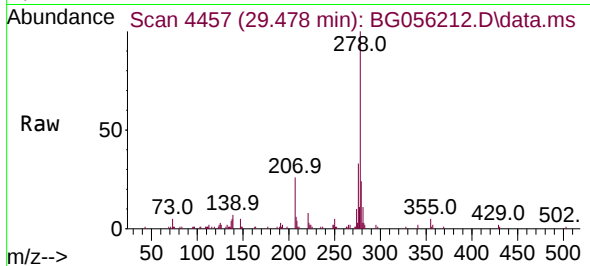
Ion	Ratio	Lower	Upper
276	100		
138	6.9	6.2	9.2
277	21.1	19.8	29.6





#95
Dibenzo(a,h)anthracene
Concen: 4.694 ng/ul
RT: 29.478 min Scan# 4456
Delta R.T. 0.004 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37

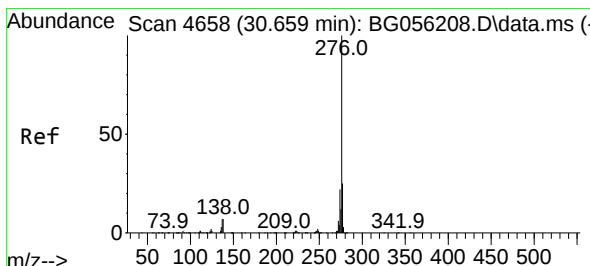
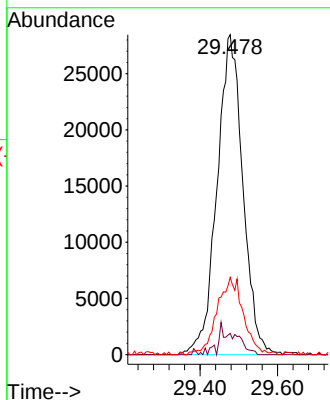
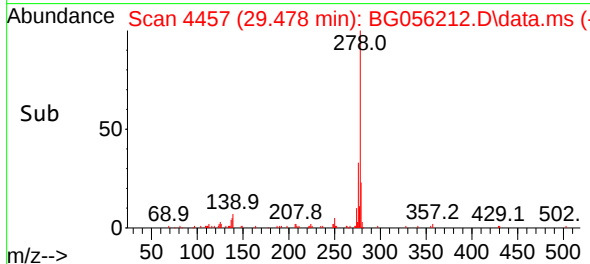
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-07



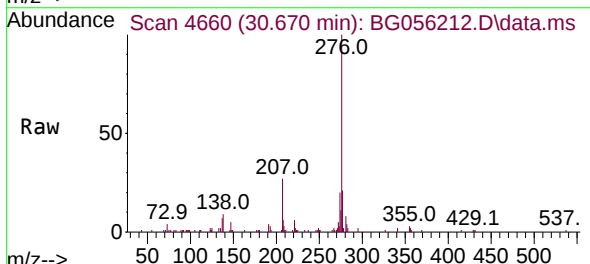
Tgt Ion:278 Resp: 13177
Ion Ratio Lower Upper
278 100
139 6.6 5.0 7.4
279 24.1 18.4 27.6

Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#96
Benzo(g,h,i)perylene
Concen: 4.707 ng/ul
RT: 30.670 min Scan# 4660
Delta R.T. 0.004 min
Lab File: BG056212.D
Acq: 5 Jan 2023 13:37



Tgt Ion:276 Resp: 127820
Ion Ratio Lower Upper
276 100
138 9.4 5.8 8.8#
277 21.4 19.1 28.7

