

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110424\
 Data File : BG063157.D
 Acq On : 4 Nov 2024 16:17
 Operator : RC/JU
 Sample : P4368-02
 Misc : LOQ-SOIL-10 PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Nov 04 15:50:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 01 05:13:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							11/05/2024
1) 1,4-Dichlorobenzene-d4	7.842	152	97133	20.000	ng	# 0.00	Supervised By :mohammad
21) Naphthalene-d8	10.627	136	390749	20.000	ng	# 0.00	Unmed
39) Acenaphthene-d10	14.476	164	301715	20.000	ng	0.00	
64) Phenanthrene-d10	17.226	188	789709	20.000	ng	0.00	
76) Chrysene-d12	21.479	240	1073711	20.000	ng	0.00	
86) Perylene-d12	24.517	264	1157175	20.000	ng	0.00	11/06/2024
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	524586	83.745	ng	-0.01	
7) Phenol-d6	7.014	99	762363	92.873	ng	-0.01	
23) Nitrobenzene-d5	8.994	82	573227	63.804	ng	-0.01	
42) 2,4,6-Tribromophenol	15.968	330	467008	91.123	ng	0.00	
45) 2-Fluorobiphenyl	13.095	172	1347782	66.162	ng	0.00	
79) Terphenyl-d14	19.858	244	3204720	61.421	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.342	88	21076	8.563	ng		95
3) Pyridine	3.736	79	49013	8.249	ng		90
4) n-Nitrosodimethylamine	3.653	42	29881	8.096	ng	#	84
6) Aniline	7.167	93	83207	11.271	ng	#	89
8) 2-Chlorophenol	7.408	128	54377	9.347	ng		98
9) Benzaldehyde	6.979	77	61987m	12.153	ng		
10) Phenol	7.038	94	81848	9.307	ng		93
11) bis(2-Chloroethyl)ether	7.261	93	54174	9.134	ng		93
12) 1,3-Dichlorobenzene	7.731	146	60380	8.555	ng		91
13) 1,4-Dichlorobenzene	7.872	146	61735	8.580	ng		97
14) 1,2-Dichlorobenzene	8.195	146	62476	9.008	ng		94
15) Benzyl Alcohol	8.072	79	61211	9.280	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.354	45	100871	9.376	ng		98
17) 2-Methylphenol	8.277	107	45412	8.118	ng		96
18) Hexachloroethane	8.912	117	22775	8.845	ng	#	85
19) n-Nitroso-di-n-propyla...	8.642	70	52156	9.123	ng	#	89
20) 3+4-Methylphenols	8.606	107	64820	8.688	ng		89
22) Acetophenone	8.653	105	92688	8.852	ng	#	98
24) Nitrobenzene	9.035	77	80528	8.289	ng		92
25) Isophorone	9.552	82	137131	8.824	ng	#	96
26) 2-Nitrophenol	9.746	139	31798	8.900	ng	#	85
27) 2,4-Dimethylphenol	9.811	122	29666	6.754	ng	#	73
28) bis(2-Chloroethoxy)met...	10.040	93	75015	9.206	ng		96
29) 2,4-Dichlorophenol	10.287	162	55568	8.376	ng		86
30) 1,2,4-Trichlorobenzene	10.492	180	67500	8.272	ng		86
31) Naphthalene	10.680	128	183550	8.905	ng	#	93
32) Benzoic acid	9.928	122	28771m	7.516	ng		
33) 4-Chloroaniline	10.792	127	68671	9.872	ng	#	94
34) Hexachlorobutadiene	10.974	225	53212	7.924	ng		91
35) Caprolactam	11.532	113	20329	9.595	ng		93
36) 4-Chloro-3-methylphenol	11.920	107	64729	8.469	ng	#	95
37) 2-Methylnaphthalene	12.290	142	127406	8.713	ng		98
38) 1-Methylnaphthalene	12.508	142	120254	8.355	ng		93
40) 1,2,4,5-Tetrachloroben...	12.666	216	98688	9.103	ng		98
41) Hexachlorocyclopentadiene	12.649	237	21459	6.092	ng		84
43) 2,4,6-Trichlorophenol	12.907	196	55722	8.584	ng		90

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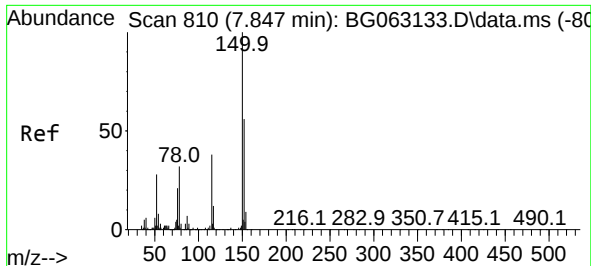
Manual Integrations
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Reviewed By :Jagrut
 Upadhyay

Quant Time: Nov 04 15:50:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 01 05:13:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.983	196	63182	8.853	ng	#	86
46) 1,1'-Biphenyl	13.307	154	182900	8.931	ng		98
47) 2-Chloronaphthalene	13.348	162	149253	8.703	ng		97
48) 2-Nitroaniline	13.553	65	53375	8.867	ng		97
49) Acenaphthylene	14.194	152	231203	9.549	ng		99
50) Dimethylphthalate	13.929	163	189409	8.808	ng	#	96
51) 2,6-Dinitrotoluene	14.053	165	38887	8.470	ng		89
52) Acenaphthene	14.546	154	126456	8.436	ng		99
53) 3-Nitroaniline	14.382	138	38903	8.925	ng		96
54) 2,4-Dinitrophenol	14.593	184	34241	12.229	ng		89
55) Dibenzofuran	14.875	168	245642	9.294	ng		99
56) 4-Nitrophenol	14.699	139	28328	8.584	ng	#	85
57) 2,4-Dinitrotoluene	14.840	165	58801	8.955	ng	#	96
58) Fluorene	15.528	166	179051	8.549	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.105	232	56607	8.265	ng	#	97
60) Diethylphthalate	15.298	149	186394	8.442	ng		95
61) 4-Chlorophenyl-phenyle...	15.522	204	113061	8.685	ng		99
62) 4-Nitroaniline	15.545	138	44932	9.343	ng		90
63) Azobenzene	15.815	77	208357	9.124	ng		97
65) 4,6-Dinitro-2-methylph...	15.610	198	37986	7.482	ng		94
66) n-Nitrosodiphenylamine	15.739	169	175903	8.929	ng		96
67) 4-Bromophenyl-phenylether	16.415	248	84771	8.759	ng		94
68) Hexachlorobenzene	16.538	284	91934	8.200	ng		98
69) Atrazine	16.685	200	80543	8.893	ng		97
70) Pentachlorophenol	16.885	266	31347	5.620	ng		87
71) Phenanthrene	17.273	178	339671	8.873	ng		98
72) Anthracene	17.361	178	333693	8.881	ng		96
73) Carbazole	17.631	167	313829	8.872	ng		100
74) Di-n-butylphthalate	18.195	149	354513	8.827	ng		99
75) Fluoranthene	19.288	202	491966	9.079	ng		97
77) Benzidine	19.470	184	151111	9.134	ng		97
78) Pyrene	19.652	202	521377	8.191	ng		98
80) Butylbenzylphthalate	20.551	149	176766	8.620	ng		98
81) Benzo(a)anthracene	21.462	228	615882	9.109	ng		94
82) 3,3'-Dichlorobenzidine	21.380	252	228139	9.100	ng		94
83) Chrysene	21.521	228	576670	9.079	ng		99
84) Bis(2-ethylhexyl)phtha...	21.380	149	261196	8.780	ng		98
85) Di-n-octyl phthalate	22.519	149	434665	8.733	ng		100
87) Indeno(1,2,3-cd)pyrene	27.931	276	711919	9.166	ng	#	96
88) Benzo(b)fluoranthene	23.553	252	597652	8.859	ng		98
89) Benzo(k)fluoranthene	23.618	252	597430	9.282	ng		99
90) Benzo(a)pyrene	24.370	252	560669	9.521	ng		98
91) Dibenzo(a,h)anthracene	27.984	278	583329	8.998	ng	#	95
92) Benzo(g,h,i)perylene	28.994	276	548169	8.555	ng		92

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



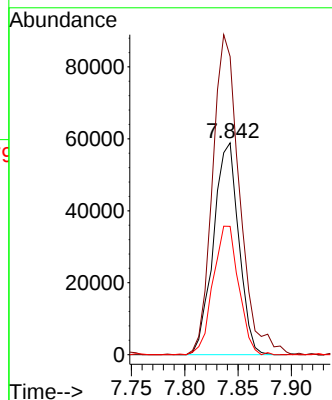
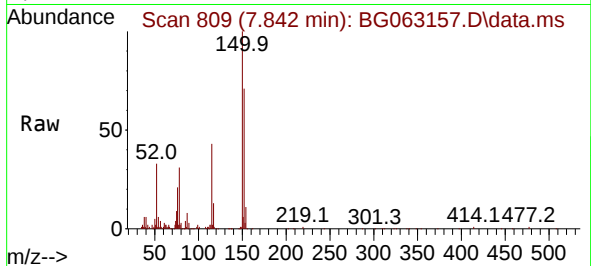
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.842 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:152 Resp: 9713
Ion Ratio Lower Upper
152 100
150 140.7 143.1 214.7
115 60.6 55.0 82.4

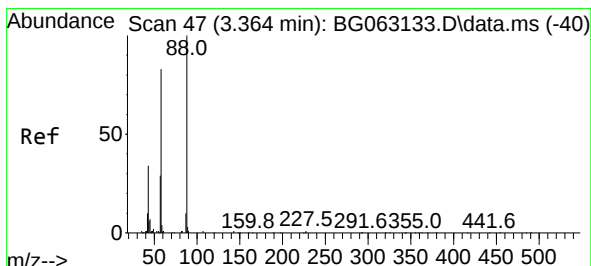
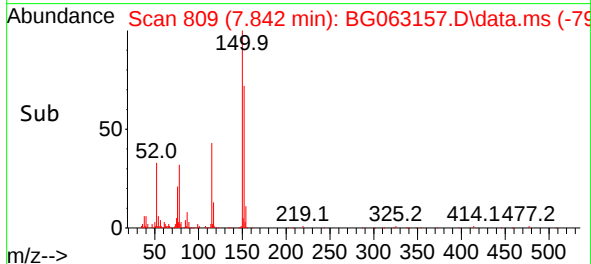
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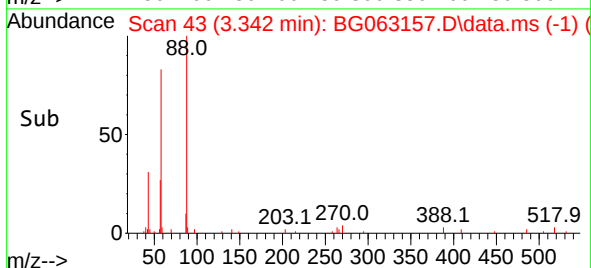
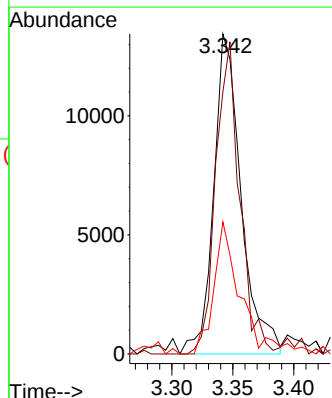
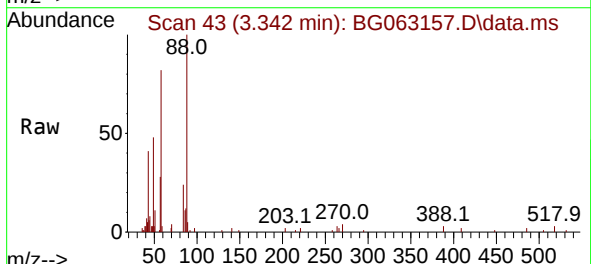
11/05/2024
Supervised By :mohammad
ahmed

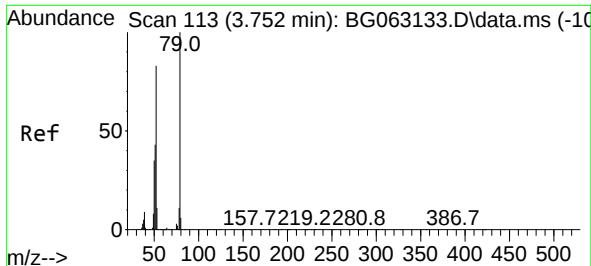
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#2
1,4-Dioxane
Concen: 8.563 ng
RT: 3.342 min Scan# 43
Delta R.T. -0.022 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

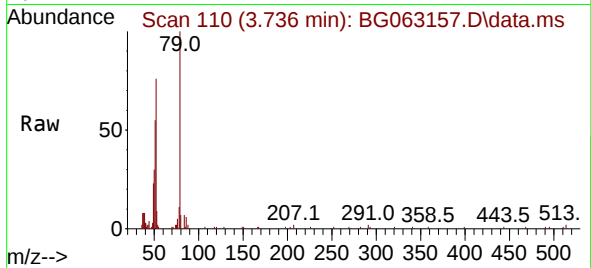
Tgt Ion: 88 Resp: 21076
Ion Ratio Lower Upper
88 100
58 85.1 73.8 110.6
43 40.6 32.0 48.0





#3
Pyridine
Concen: 8.249 ng
RT: 3.736 min Scan# 113
Delta R.T. -0.016 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

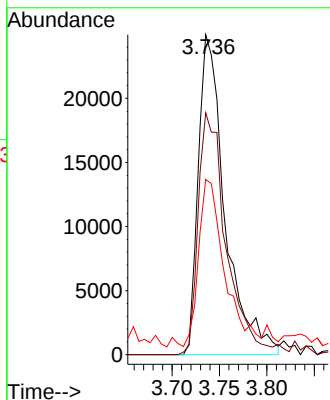
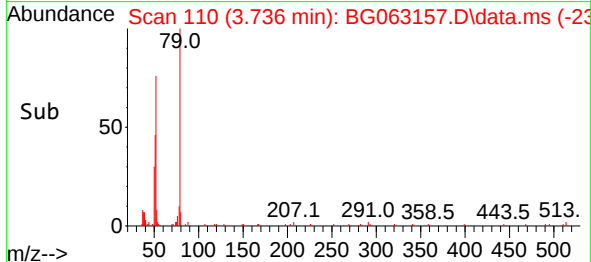
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion: 79 Resp: 4901
Ion Ratio Lower Upper
79 100
52 75.6 66.1 99.1
51 54.7 36.6 54.8

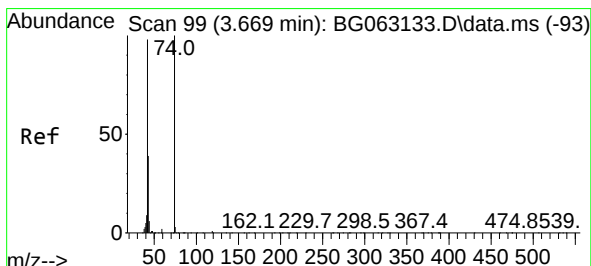
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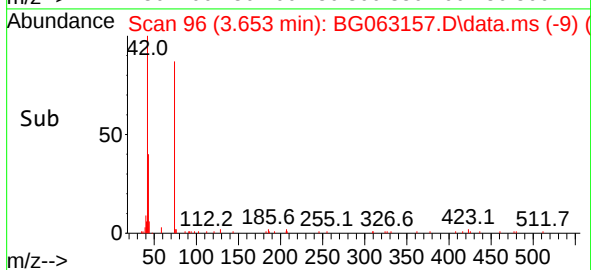
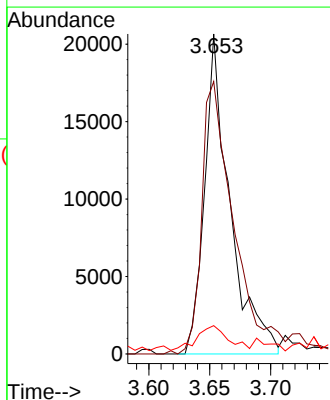
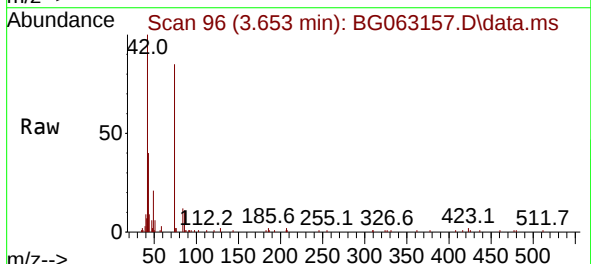
11/05/2024
Supervised By :mohammad
ahmed

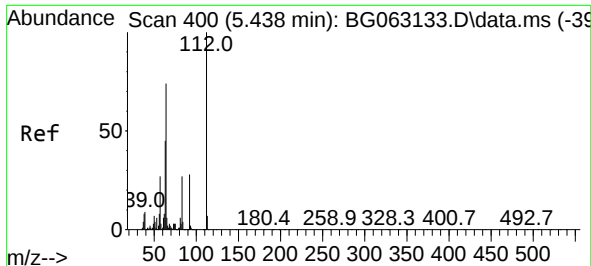
11/06/2024



#4
n-Nitrosodimethylamine
Concen: 8.096 ng
RT: 3.653 min Scan# 96
Delta R.T. -0.016 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

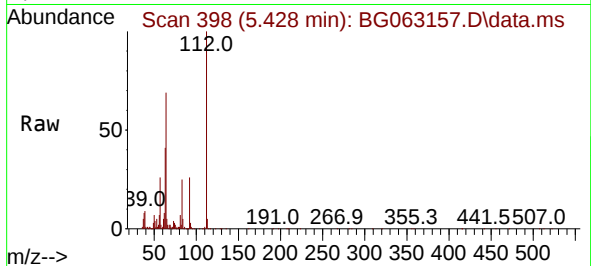
Tgt Ion: 42 Resp: 29881
Ion Ratio Lower Upper
42 100
74 85.1 81.9 122.9
44 8.8 5.8 8.8





#5
2-Fluorophenol
Concen: 83.745 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

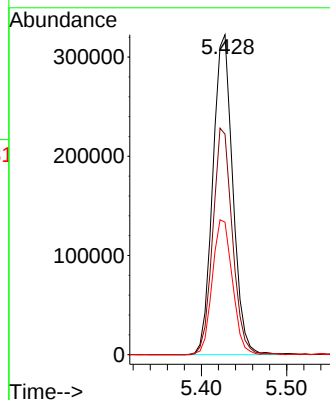
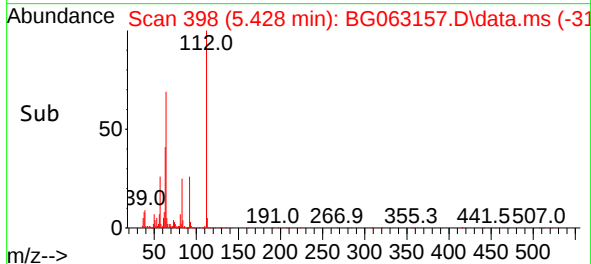
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion: 112 Resp: 524580
Ion Ratio Lower Upper
112 100
64 68.9 59.4 89.0
63 41.4 35.8 53.6

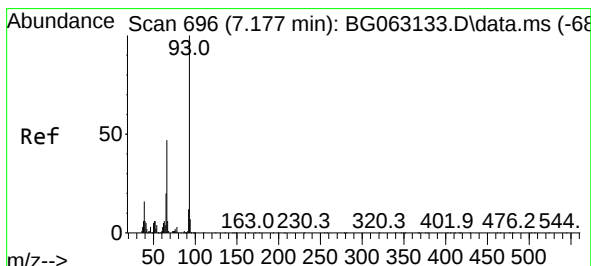
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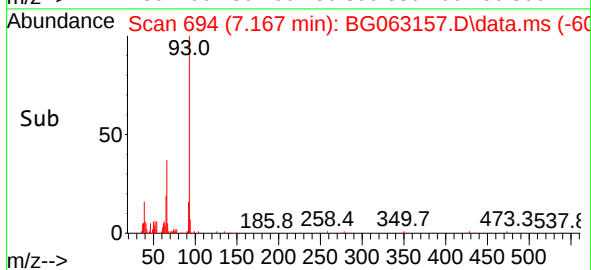
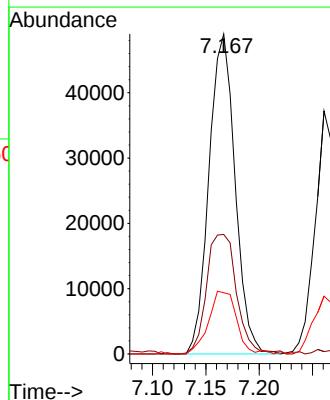
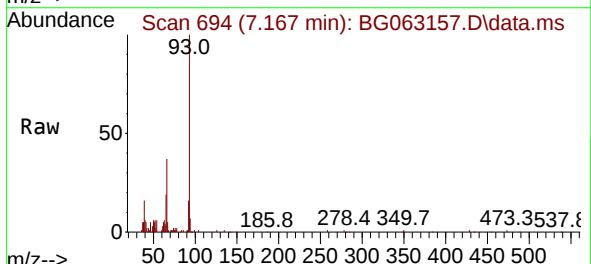
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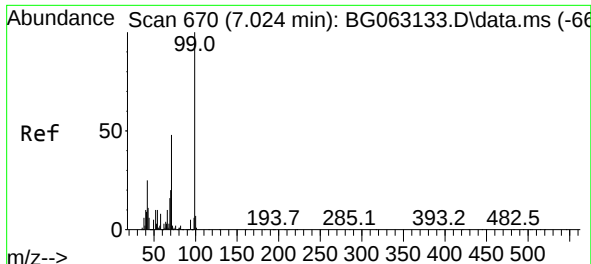
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#6
Aniline
Concen: 11.271 ng
RT: 7.167 min Scan# 694
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

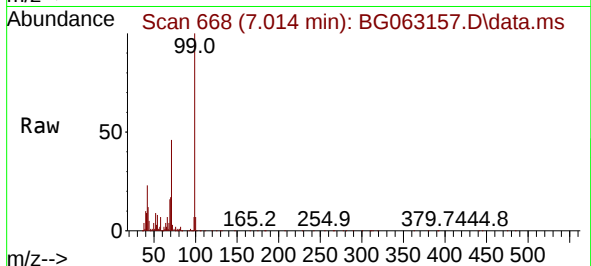
Tgt Ion: 93 Resp: 83207
Ion Ratio Lower Upper
93 100
66 37.4 37.8 56.8#
65 19.1 16.1 24.1





#7
Phenol-d6
Concen: 92.873 ng
RT: 7.014 min Scan# 60
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

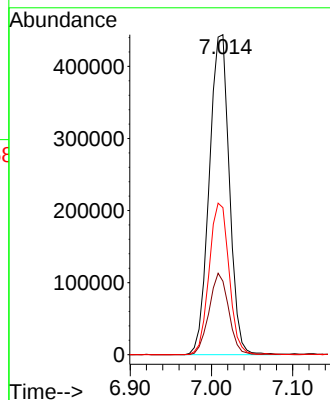
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion: 99 Resp: 76236
Ion Ratio Lower Upper
99 100
42 22.9 20.0 30.0
71 46.0 38.2 57.4

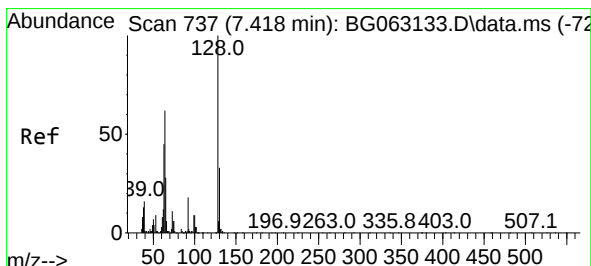
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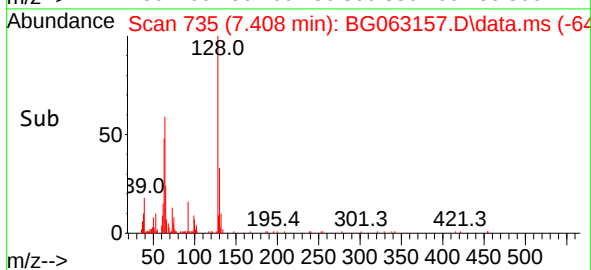
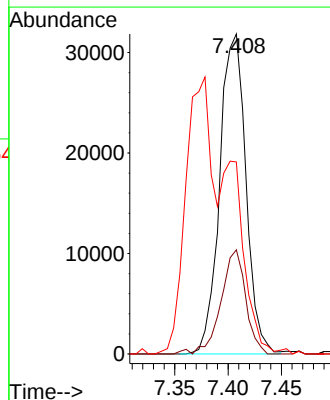
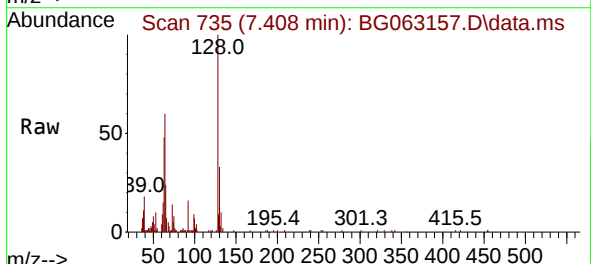
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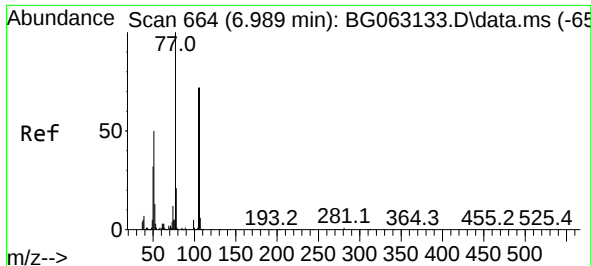
11/06/2024



#8
2-Chlorophenol
Concen: 9.347 ng
RT: 7.408 min Scan# 735
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

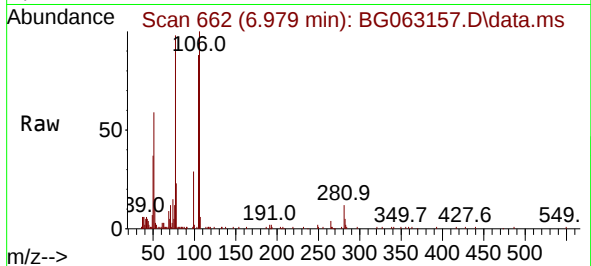
Tgt Ion:128 Resp: 54377
Ion Ratio Lower Upper
128 100
130 32.5 13.3 53.3
64 60.0 41.8 81.8





#9
Benzaldehyde
Concen: 12.153 ng m
RT: 6.979 min Scan# 6198
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

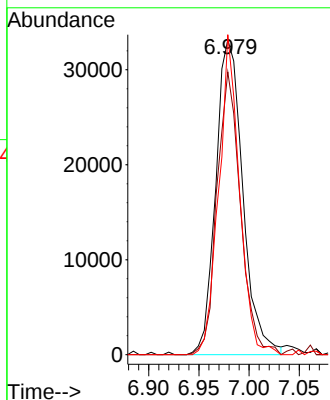
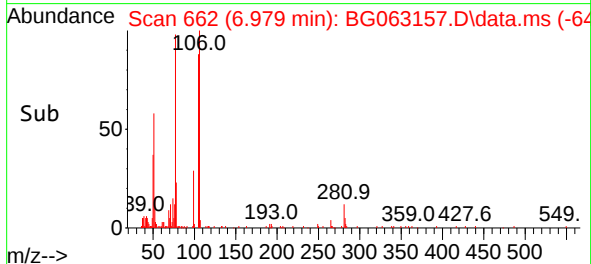
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion: 77 Resp: 6198
Ion Ratio Lower Upper
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105 89.8 52.2 92.2
106 101.6 52.2 92.2

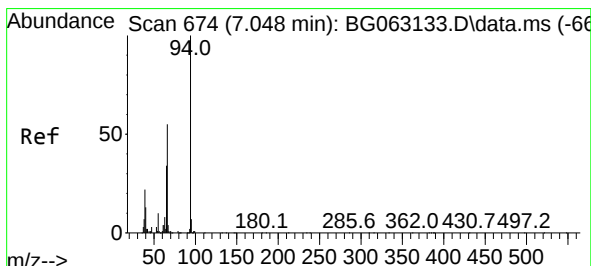
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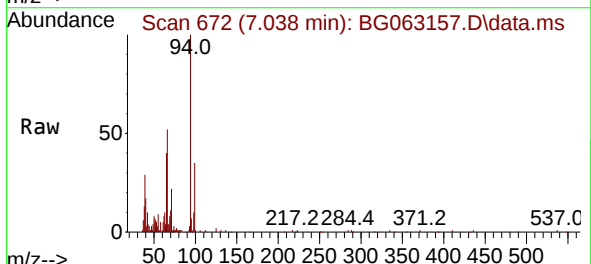


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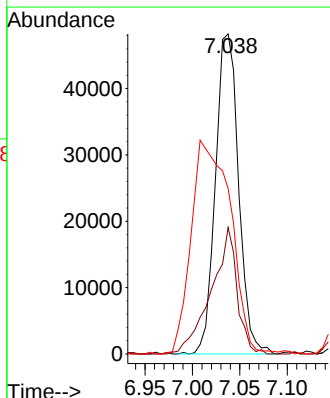
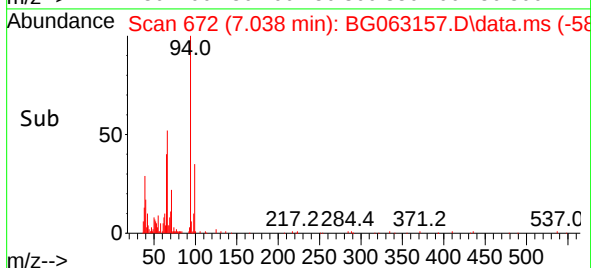
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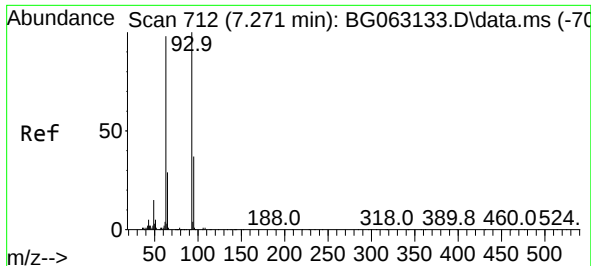


#10
Phenol
Concen: 9.307 ng
RT: 7.038 min Scan# 672
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17



Tgt Ion: 94 Resp: 81848
Ion Ratio Lower Upper
94 100
65 39.5 14.2 54.2
66 51.7 36.2 76.2





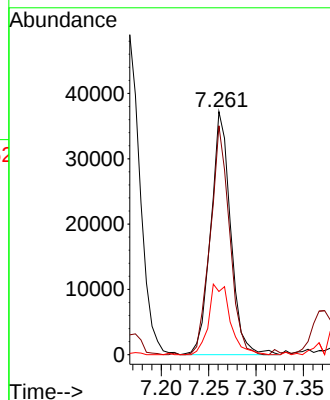
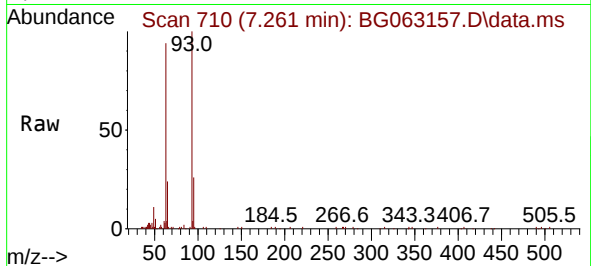
#11
bis(2-Chloroethyl)ether
Concen: 9.134 ng
RT: 7.261 min Scan# 712
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion: 93 Resp: 54174
Ion Ratio Lower Upper
93 100
63 94.2 77.5 117.5
95 26.0 16.5 56.5

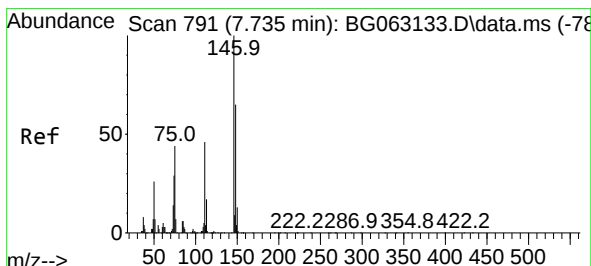
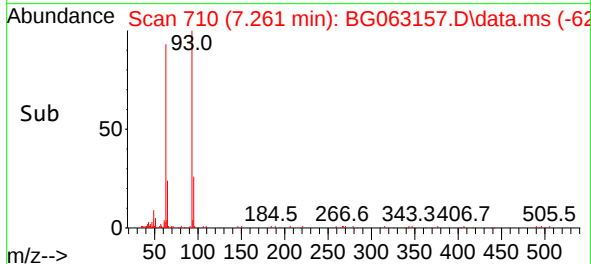
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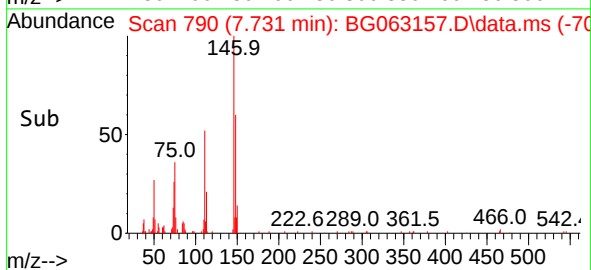
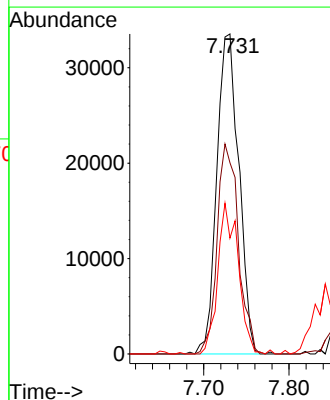
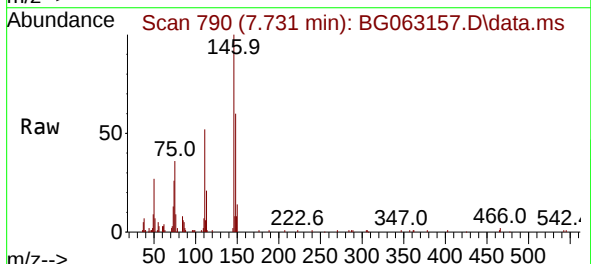
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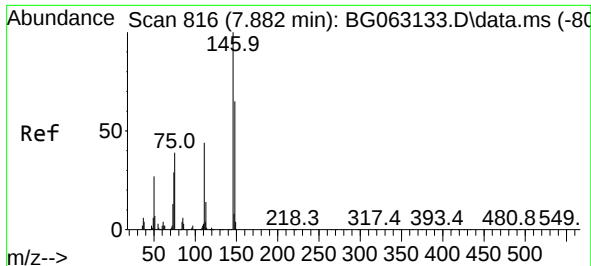
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#12
1,3-Dichlorobenzene
Concen: 8.555 ng
RT: 7.731 min Scan# 790
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Tgt Ion:146 Resp: 60380
Ion Ratio Lower Upper
146 100
148 59.8 51.7 77.5
75 36.2 35.7 53.5





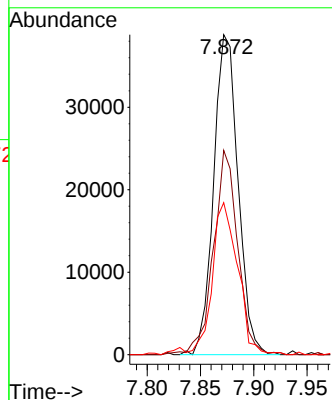
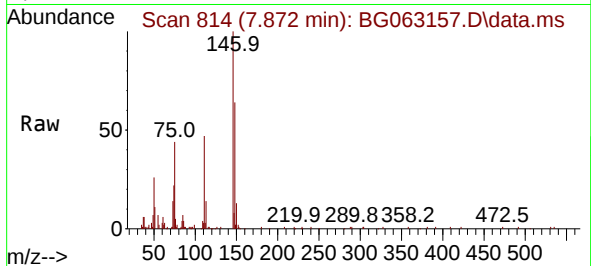
#13
1,4-Dichlorobenzene
Concen: 8.580 ng
RT: 7.872 min Scan# 816
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:146 Resp: 61735
Ion Ratio Lower Upper
146 100
148 63.9 52.3 78.5
111 47.5 35.8 53.6

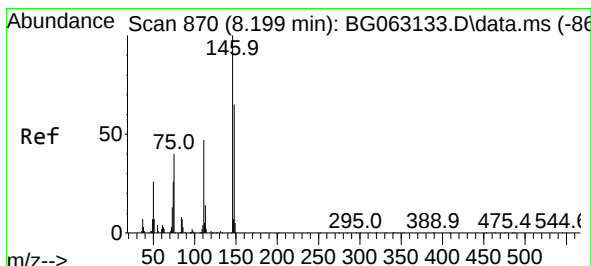
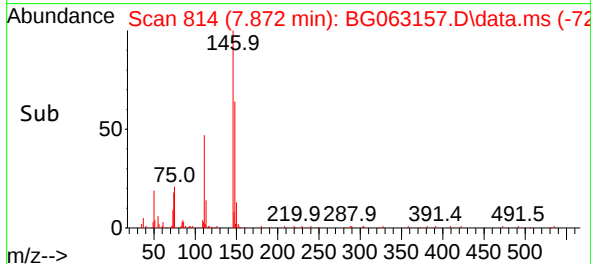
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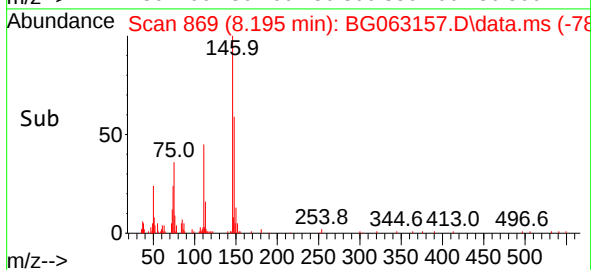
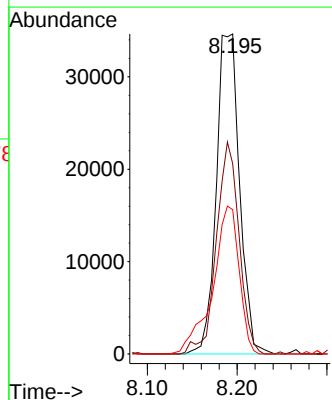
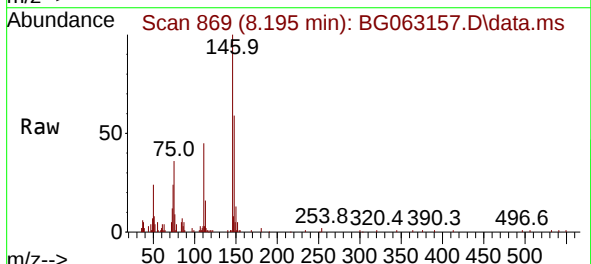
11/05/2024
Supervised By :mohammad
ahmed

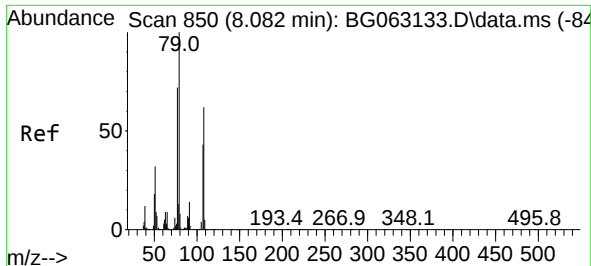
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#14
1,2-Dichlorobenzene
Concen: 9.008 ng
RT: 8.195 min Scan# 869
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

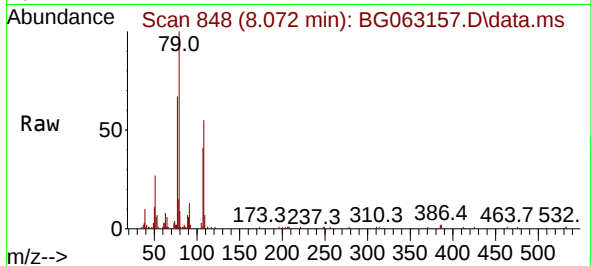
Tgt Ion:146 Resp: 62476
Ion Ratio Lower Upper
146 100
148 59.5 52.3 78.5
111 45.1 38.5 57.7





#15
Benzyl Alcohol
Concen: 9.280 ng
RT: 8.072 min Scan# 84
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

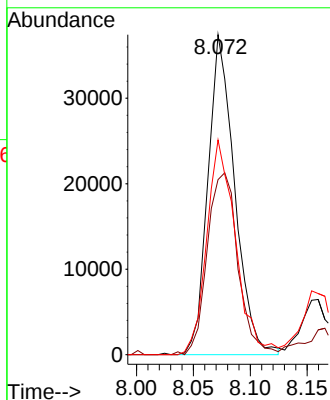
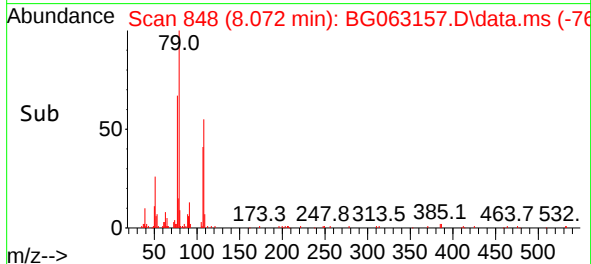
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion: 79 Resp: 6121
Ion Ratio Lower Upper
79 100
108 54.7 49.5 74.3
77 67.1 57.6 86.4

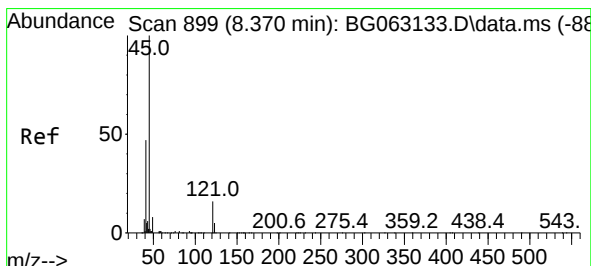
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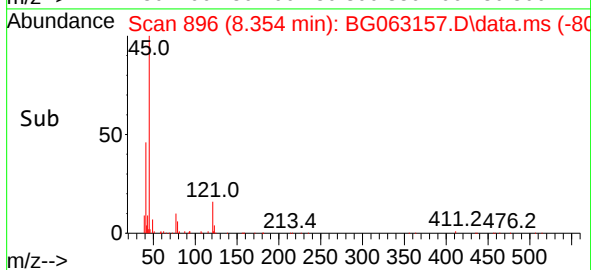
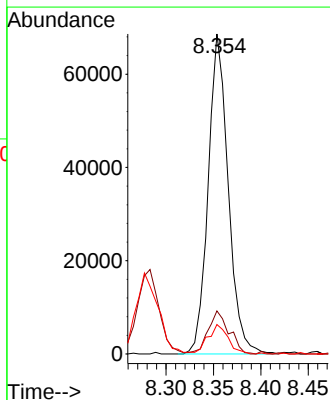
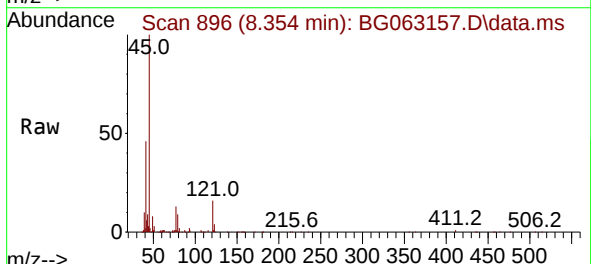
11/05/2024
Supervised By :mohammad
ahmed

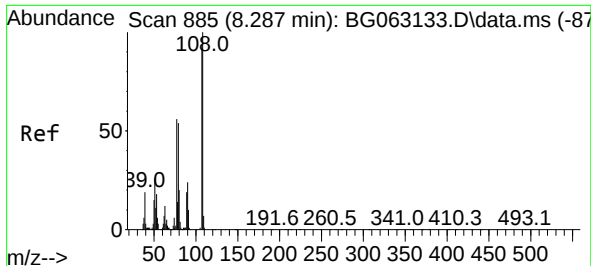
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.376 ng
RT: 8.354 min Scan# 896
Delta R.T. -0.016 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Tgt Ion: 45 Resp: 100871
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.4
79 9.2 0.0 29.7





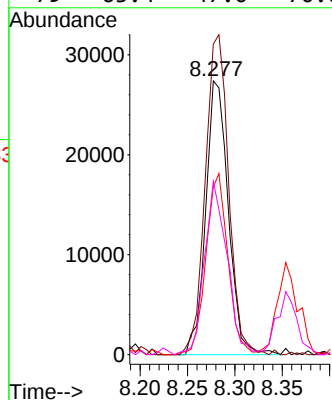
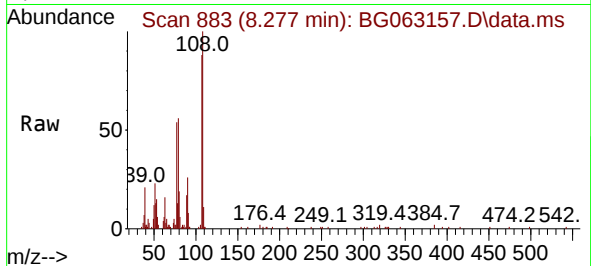
#17
2-Methylphenol
Concen: 8.118 ng
RT: 8.277 min Scan# 885
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2024

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.5	87.1	130.7
77	61.3	48.9	73.3
79	63.4	47.0	70.6

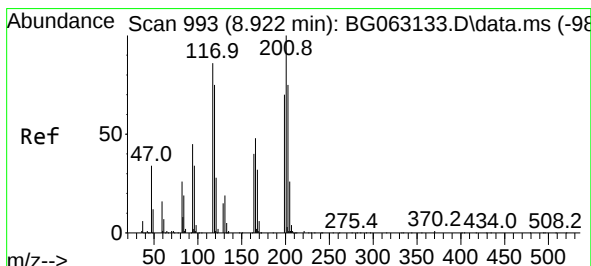
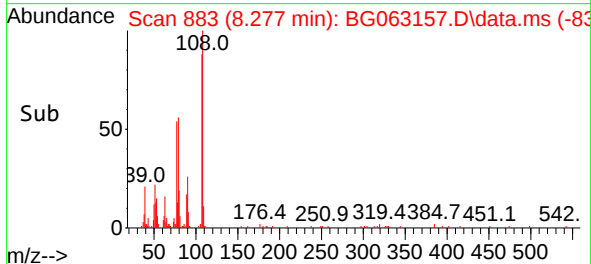
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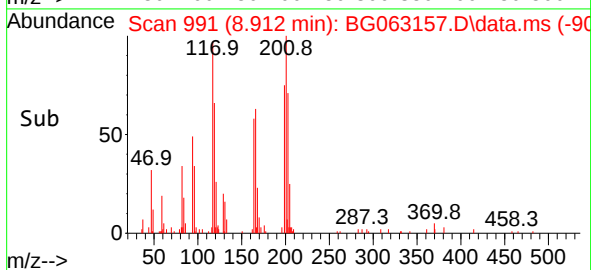
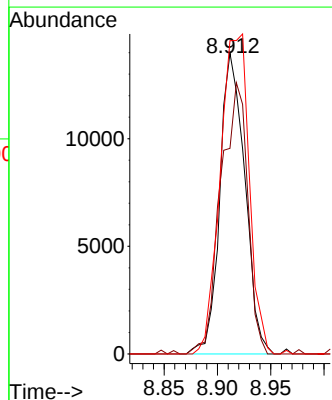
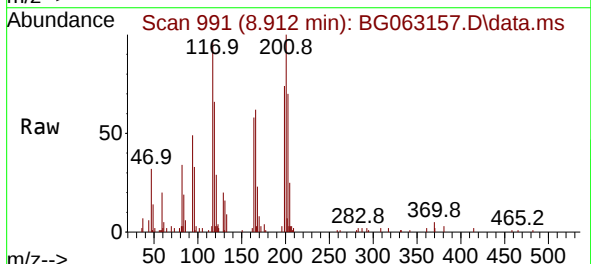
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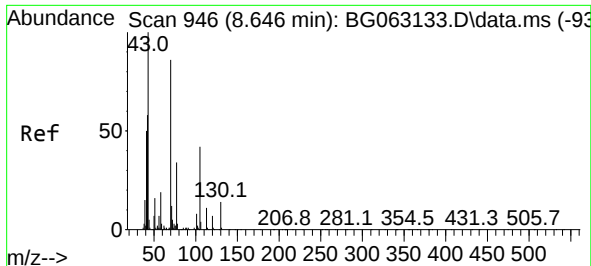
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#18
Hexachloroethane
Concen: 8.845 ng
RT: 8.912 min Scan# 991
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

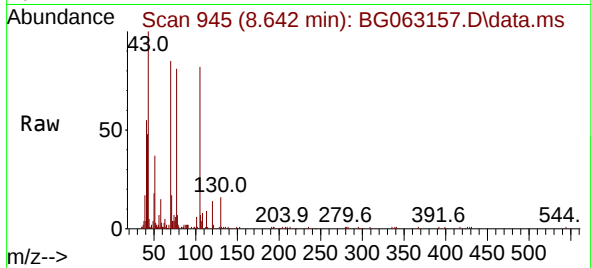
Tgt Ion	Ratio	Lower	Upper
117	100		
119	68.3	69.7	104.5#
201	104.1	92.6	138.8





#19
n-Nitroso-di-n-propylamine
Concen: 9.123 ng
RT: 8.642 min Scan# 946
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

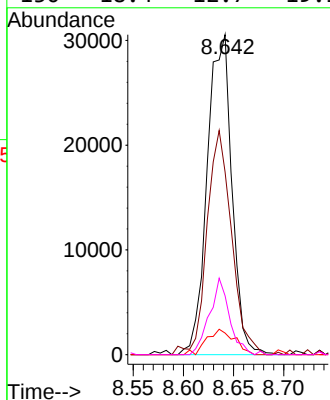
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion: 70 Resp: 52150
Ion Ratio Lower Upper
70 100
42 57.1 54.2 81.2
101 6.7 7.7 11.5
130 18.4 12.7 19.1

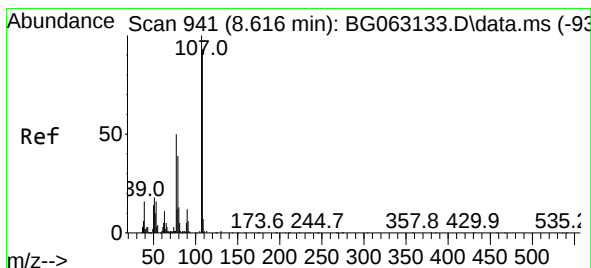
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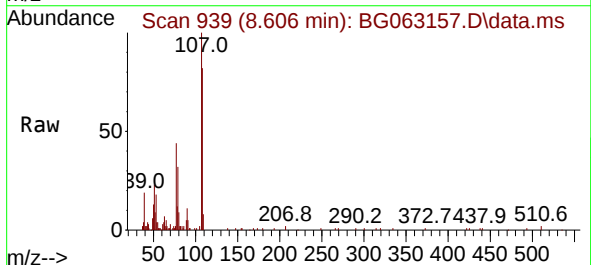


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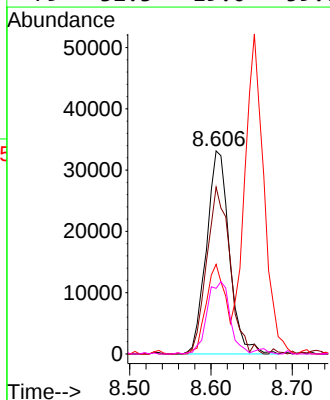
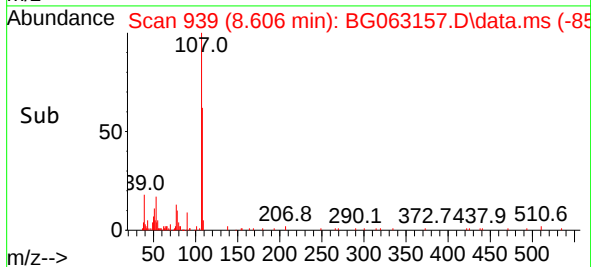
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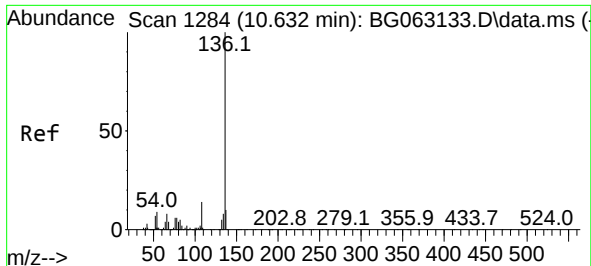


#20
3+4-Methylphenols
Concen: 8.688 ng
RT: 8.606 min Scan# 939
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17



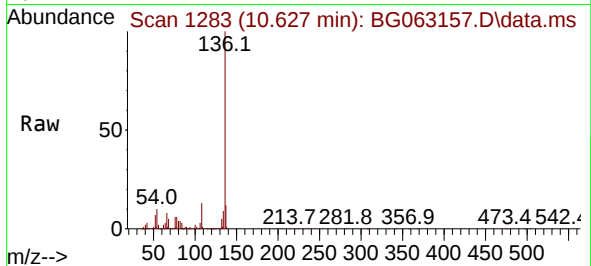
Tgt Ion:107 Resp: 64820
Ion Ratio Lower Upper
107 100
108 82.2 73.1 113.1
77 44.1 30.2 70.2
79 32.3 19.0 59.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.627 min Scan# 1283
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

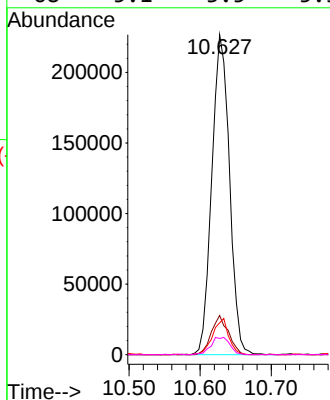
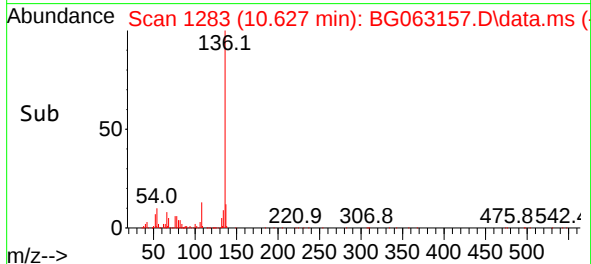
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2024



Tgt Ion:136 Resp: 390749
Ion Ratio Lower Upper
136 100
137 12.2 7.8 11.6
54 10.0 7.3 10.9
68 5.1 3.5 5.3

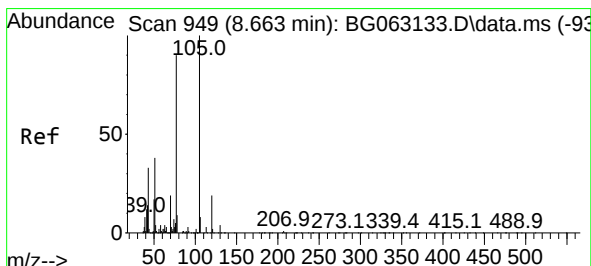
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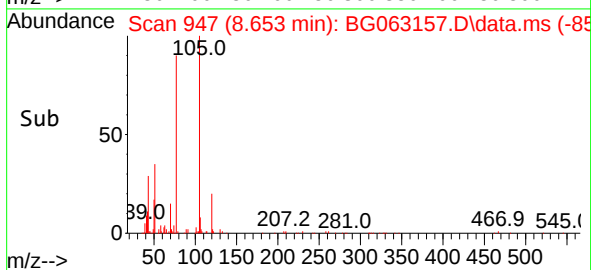
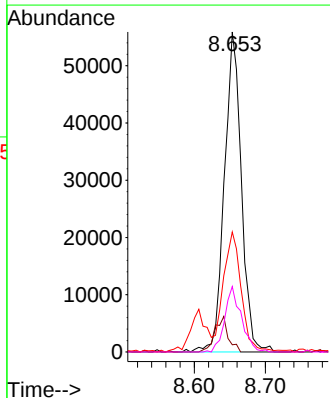
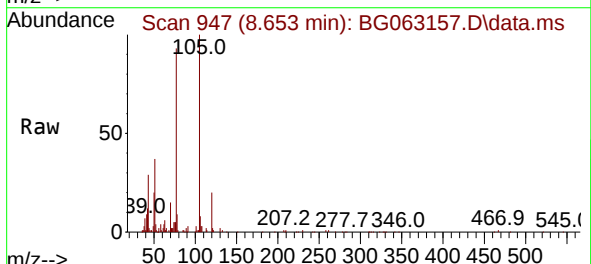
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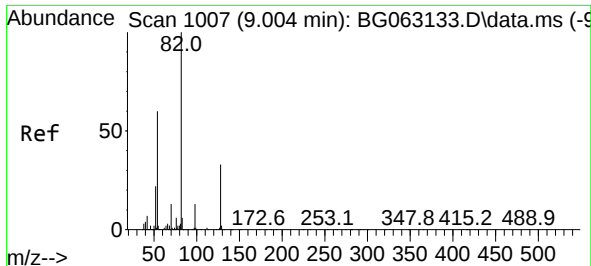
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#22
Acetophenone
Concen: 8.852 ng
RT: 8.653 min Scan# 947
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Tgt Ion:105 Resp: 92688
Ion Ratio Lower Upper
105 100
71 2.2 2.3 3.5
51 37.5 30.5 45.7
120 20.5 15.4 23.2





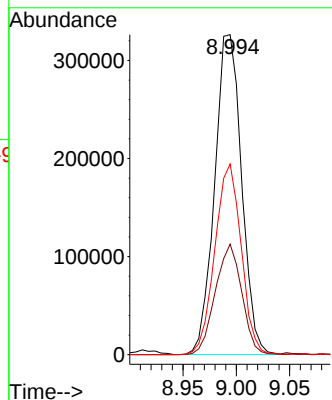
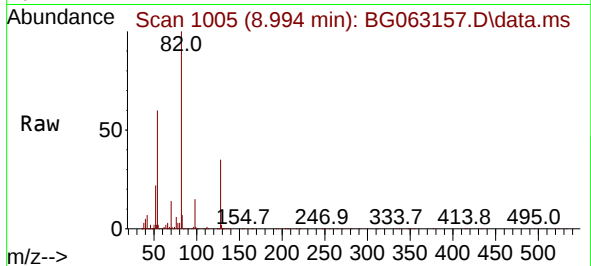
#23
Nitrobenzene-d5
Concen: 63.804 ng
RT: 8.994 min Scan# 1005
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion: 82 Resp: 57322
Ion Ratio Lower Upper
82 100
128 34.5 26.6 39.8
54 59.6 47.8 71.8

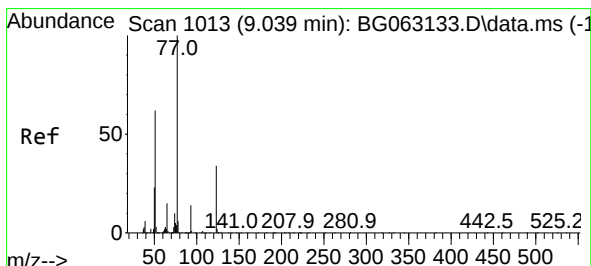
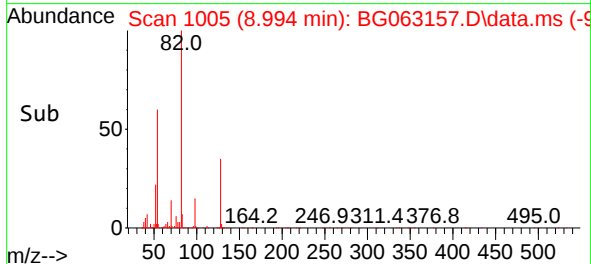
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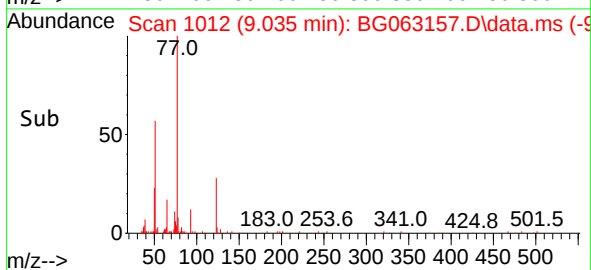
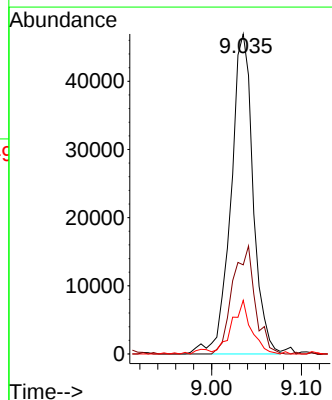
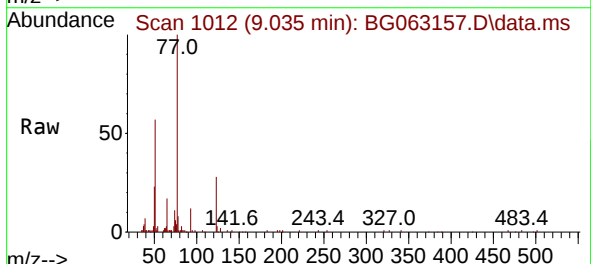
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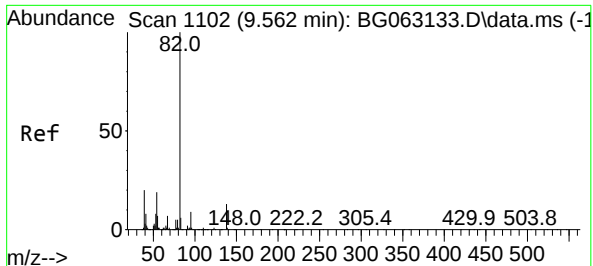
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#24
Nitrobenzene
Concen: 8.289 ng
RT: 9.035 min Scan# 1012
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

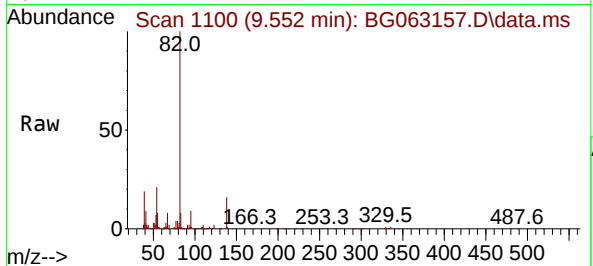
Tgt Ion: 77 Resp: 80528
Ion Ratio Lower Upper
77 100
123 27.9 26.9 40.3
65 16.7 12.3 18.5





#25
Isophorone
Concen: 8.824 ng
RT: 9.552 min Scan# 1100
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

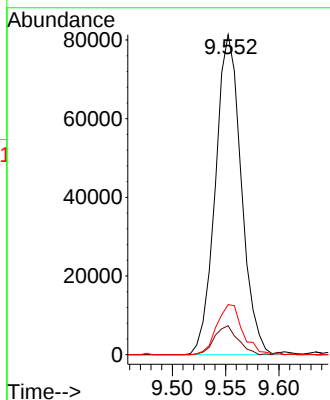
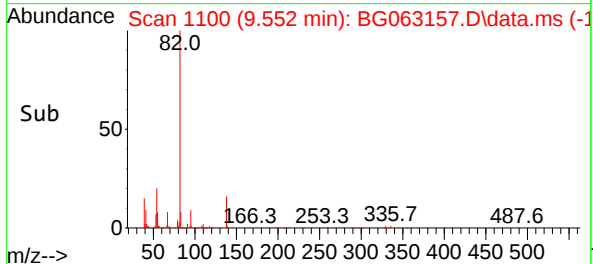
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion: 82 Resp: 13713
Ion Ratio Lower Upper
82 100
95 9.1 7.4 11.0
138 15.7 10.3 15.5

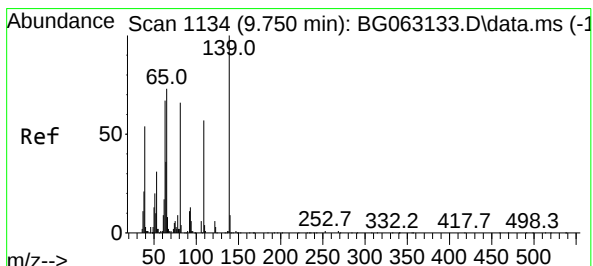
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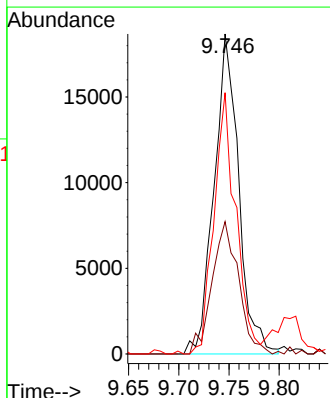
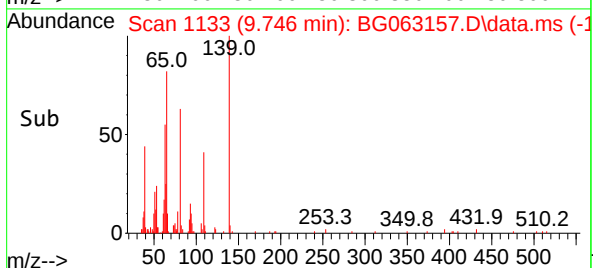
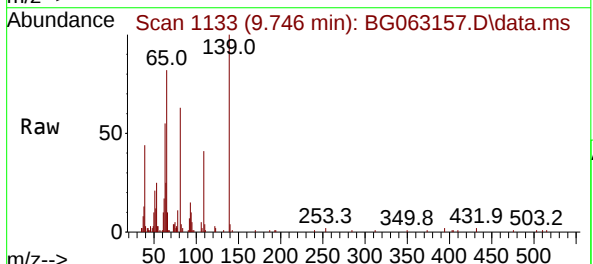
11/05/2024
Supervised By :mohammad
ahmed

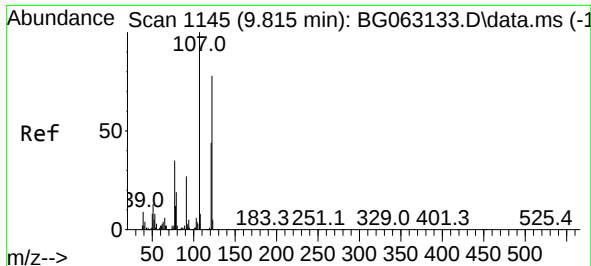
11/06/2024



#26
2-Nitrophenol
Concen: 8.900 ng
RT: 9.746 min Scan# 1133
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

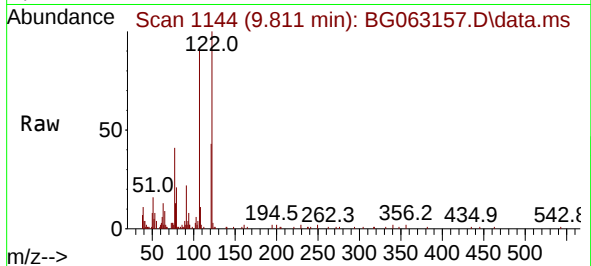
Tgt Ion:139 Resp: 31798
Ion Ratio Lower Upper
139 100
109 41.4 45.4 68.0#
65 81.6 58.4 87.6





#27
2,4-Dimethylphenol
Concen: 6.754 ng
RT: 9.811 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

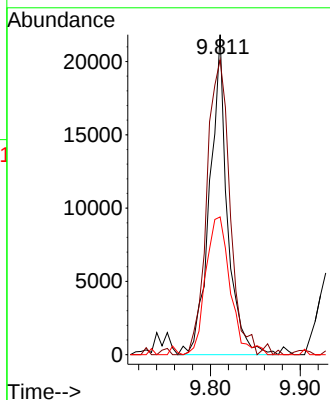
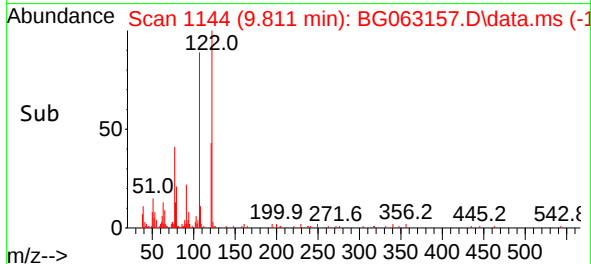
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2024



Tgt Ion: 122 Resp: 2966
Ion Ratio Lower Upper
122 100
107 92.2 101.8 152.6
121 43.0 45.2 67.8

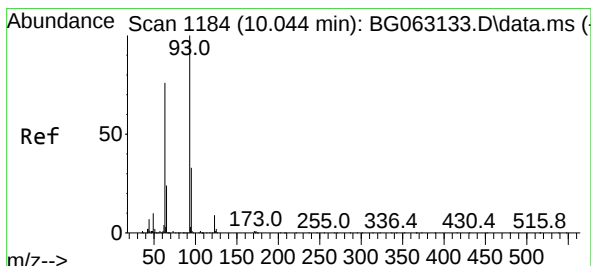
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Upadhyay



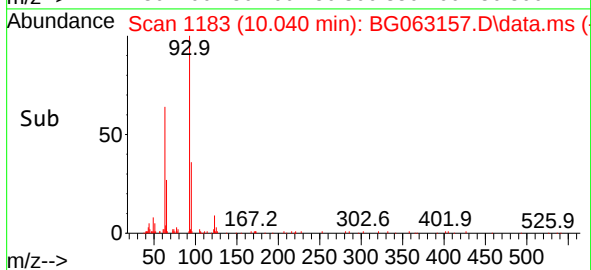
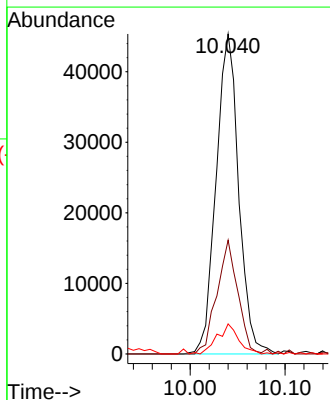
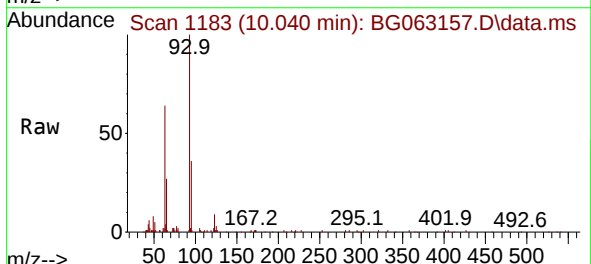
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ahmed

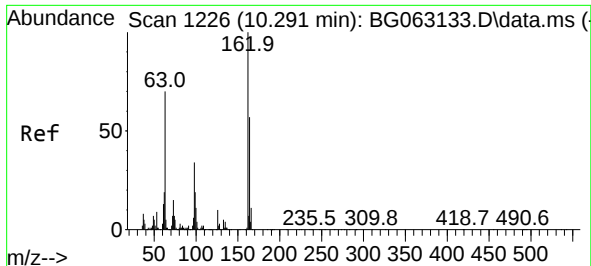
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#28
bis(2-Chloroethoxy)methane
Concen: 9.206 ng
RT: 10.040 min Scan# 1183
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Tgt Ion: 93 Resp: 75015
Ion Ratio Lower Upper
93 100
95 35.6 26.1 39.1
123 9.4 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 8.376 ng

RT: 10.287 min Scan# 1225

Delta R.T. -0.004 min

Lab File: BG063157.D

Acq: 4 Nov 2024 16:17

Instrument :

BNA_G

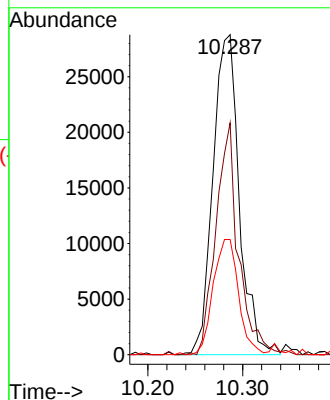
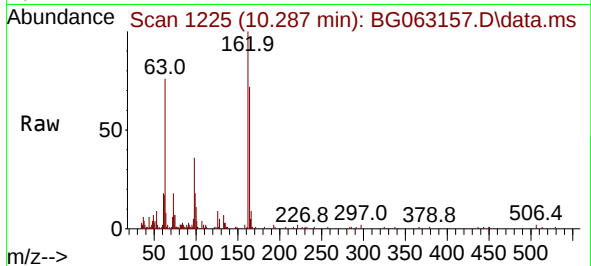
ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:	162	Resp:	5556
Ion Ratio	Lower	Upper	
162	100		
164	72.4	37.2	77.2
98	36.0	14.0	54.0

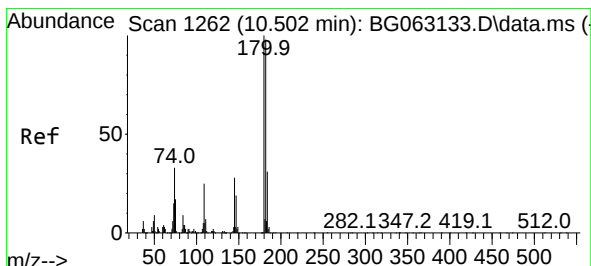
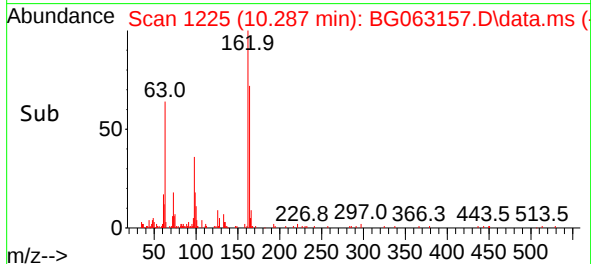
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#30

1,2,4-Trichlorobenzene

Concen: 8.272 ng

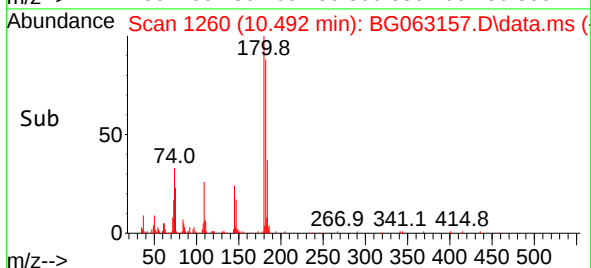
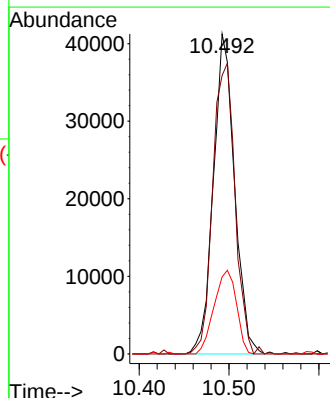
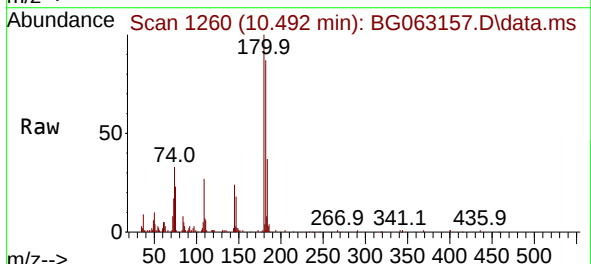
RT: 10.492 min Scan# 1260

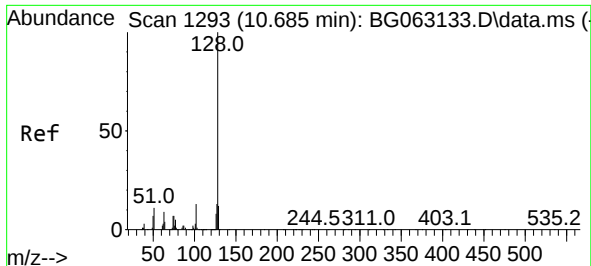
Delta R.T. -0.010 min

Lab File: BG063157.D

Acq: 4 Nov 2024 16:17

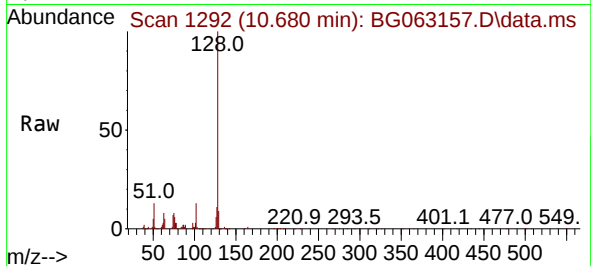
Tgt Ion:	180	Resp:	67500
Ion Ratio	Lower	Upper	
180	100		
182	83.6	78.5	117.7
145	23.2	22.6	34.0





#31
Naphthalene
Concen: 8.905 ng
RT: 10.680 min Scan# 1164
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

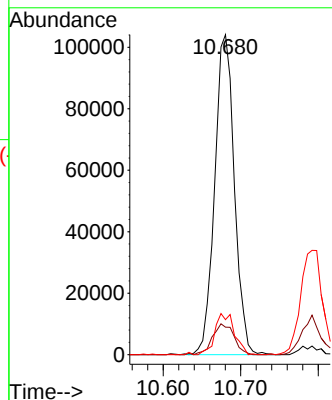
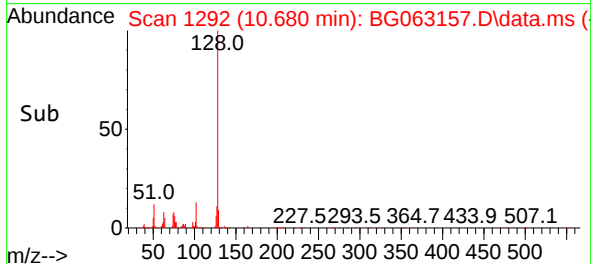
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:128 Resp: 183550
Ion Ratio Lower Upper
128 100
129 8.6 9.5 14.3
127 11.0 10.7 16.1

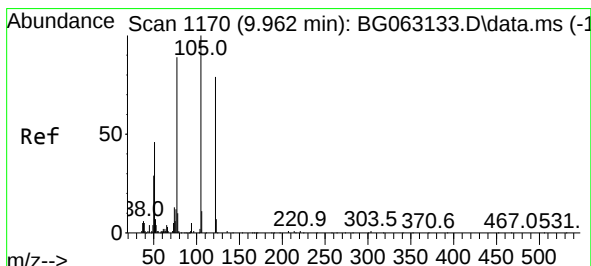
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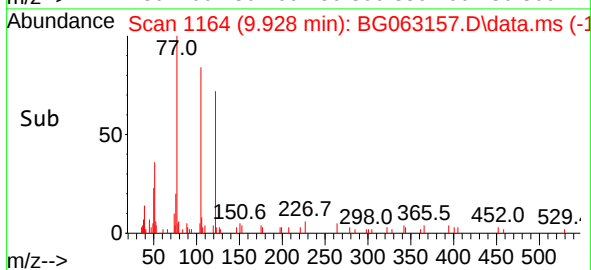
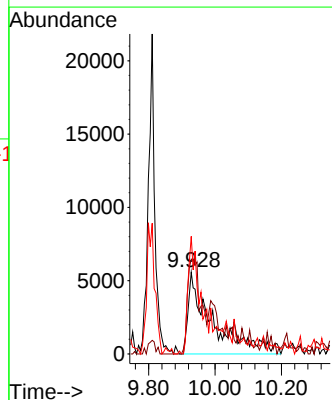
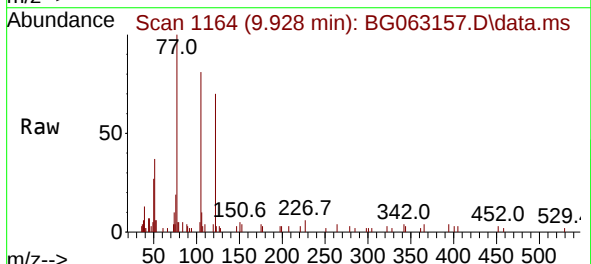
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ahmed

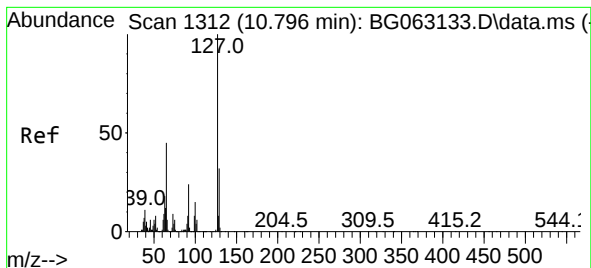
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#32
Benzoic acid
Concen: 7.516 ng m
RT: 9.928 min Scan# 1164
Delta R.T. -0.034 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

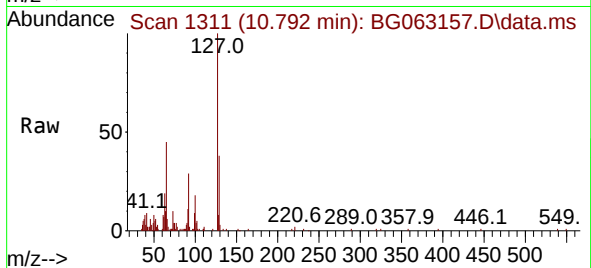
Tgt Ion:122 Resp: 28771
Ion Ratio Lower Upper
122 100
105 115.9 105.2 145.2
77 143.8 93.0 133.0#





#33
4-Chloroaniline
Concen: 9.872 ng
RT: 10.792 min Scan# 1312
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

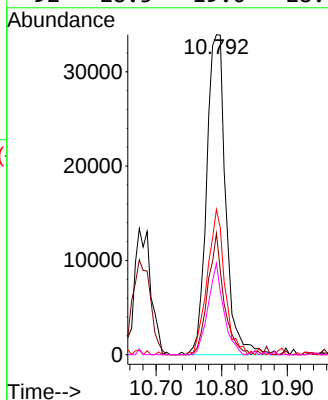
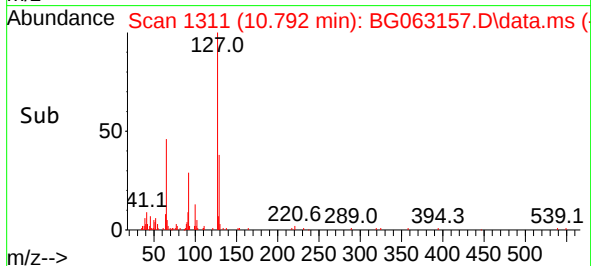
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:127 Resp: 6867
Ion Ratio Lower Upper
127 100
129 38.0 25.6 38.4
65 45.4 36.4 54.6
92 28.5 19.0 28.4#

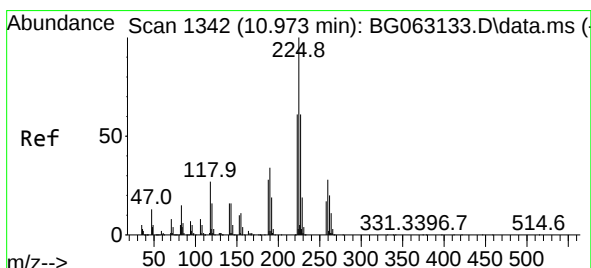
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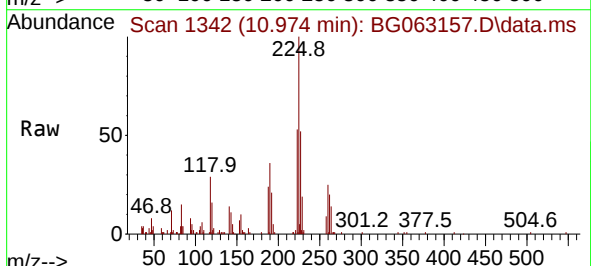


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Supervised By :mohammad
ahmed

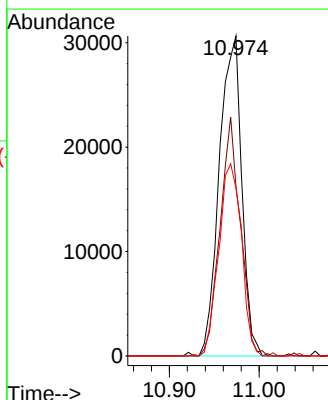
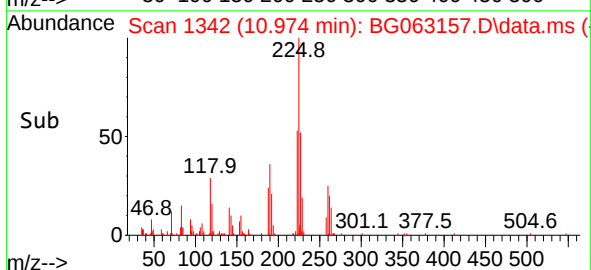
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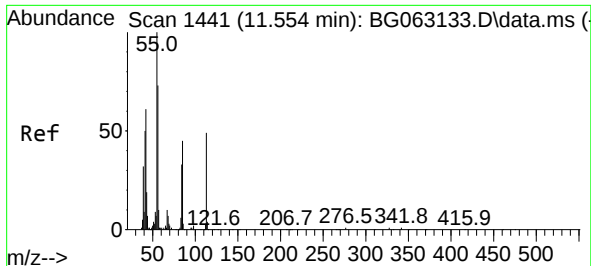


#34
Hexachlorobutadiene
Concen: 7.924 ng
RT: 10.974 min Scan# 1342
Delta R.T. 0.002 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17



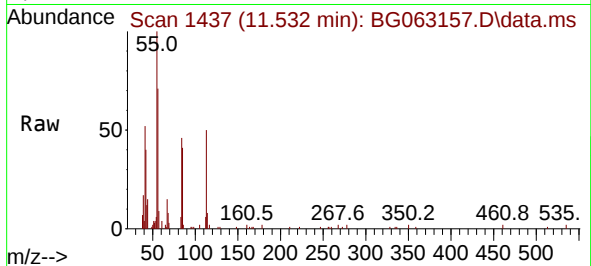
Tgt Ion:225 Resp: 53212
Ion Ratio Lower Upper
225 100
223 52.1 46.2 69.4
227 50.1 46.2 69.4





#35
Caprolactam
Concen: 9.595 ng
RT: 11.532 min Scan# 1441
Delta R.T. -0.022 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

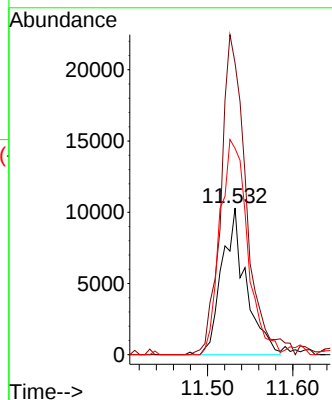
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:113 Resp: 20329
Ion Ratio Lower Upper
113 100
55 198.7 187.0 227.0
56 140.6 130.9 170.9

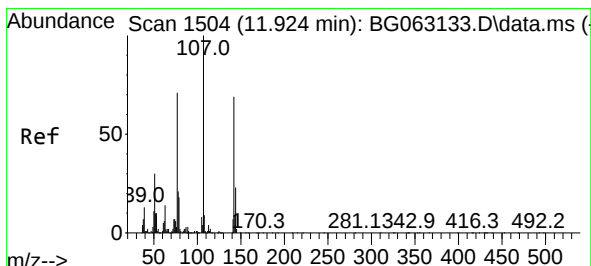
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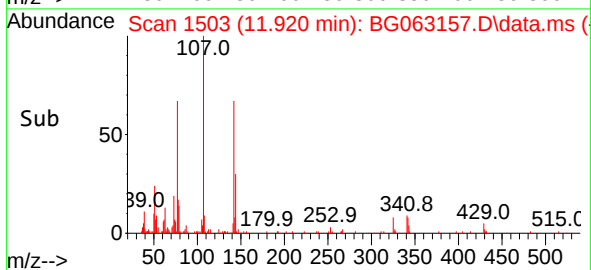
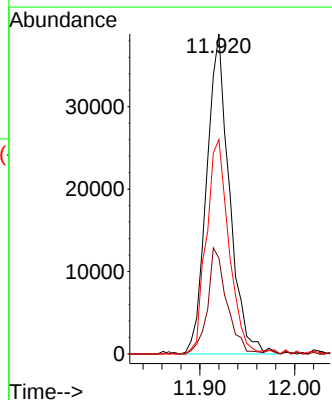
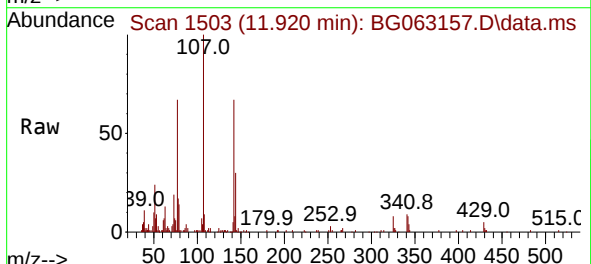
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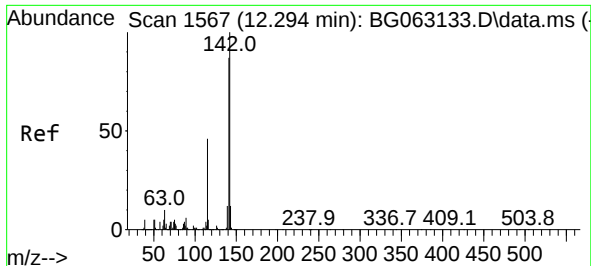
11/06/2024



#36
4-Chloro-3-methylphenol
Concen: 8.469 ng
RT: 11.920 min Scan# 1503
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

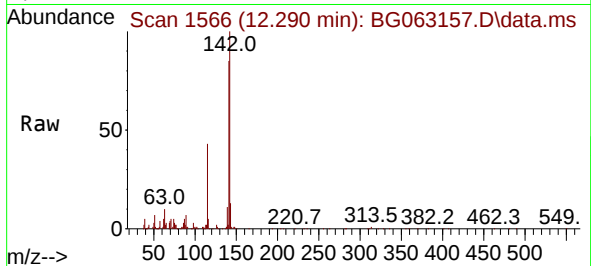
Tgt Ion:107 Resp: 64729
Ion Ratio Lower Upper
107 100
144 29.9 18.5 27.7#
142 67.0 55.0 82.4





#37
2-Methylnaphthalene
Concen: 8.713 ng
RT: 12.290 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

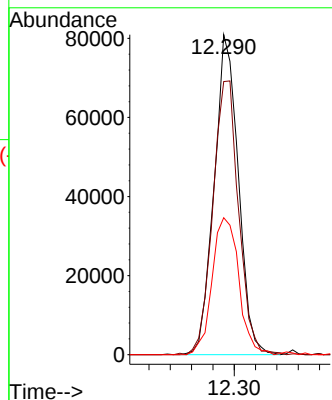
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:142 Resp: 127400
Ion Ratio Lower Upper
142 100
141 85.3 69.2 103.8
115 42.8 36.6 54.8

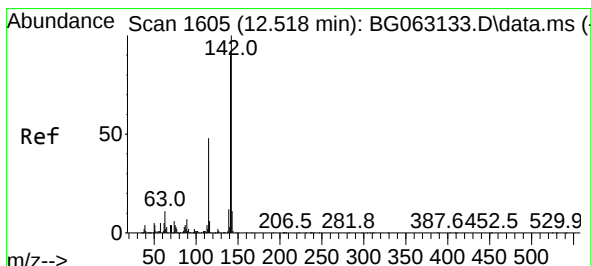
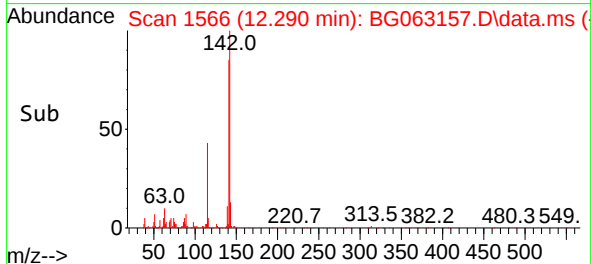
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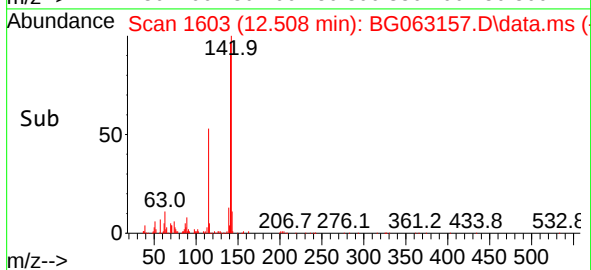
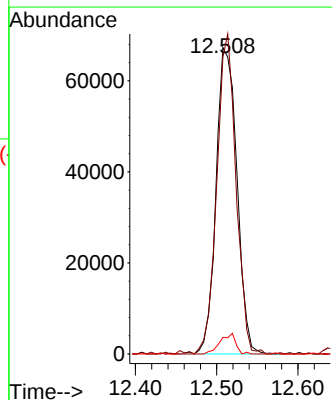
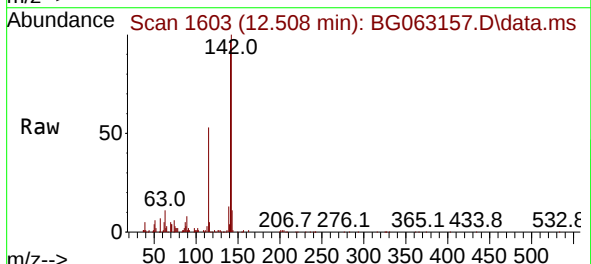
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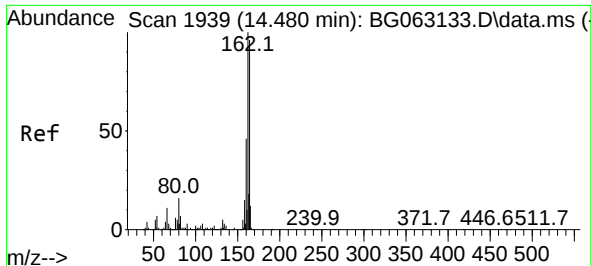
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#38
1-Methylnaphthalene
Concen: 8.355 ng
RT: 12.508 min Scan# 1603
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

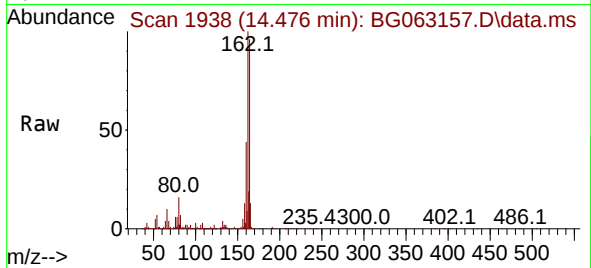
Tgt Ion:142 Resp: 120254
Ion Ratio Lower Upper
142 100
141 96.9 72.2 108.4
116 5.4 4.5 6.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.476 min Scan# 1939
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

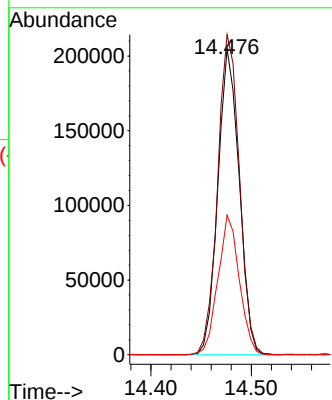
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:164 Resp: 301715
Ion Ratio Lower Upper
164 100
162 104.5 83.4 125.0
160 45.6 38.0 57.0

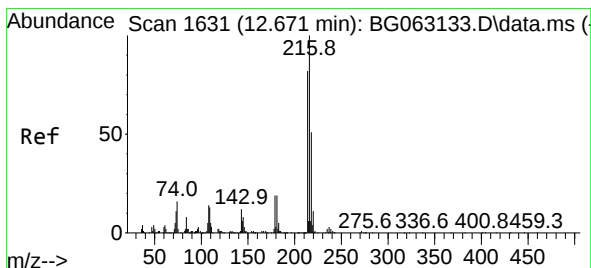
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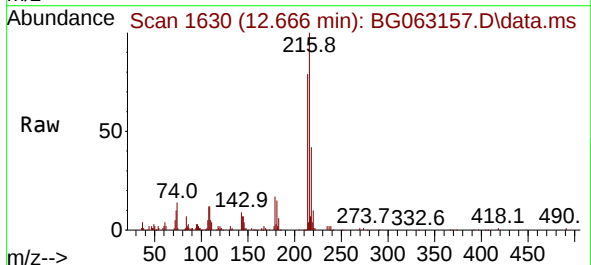


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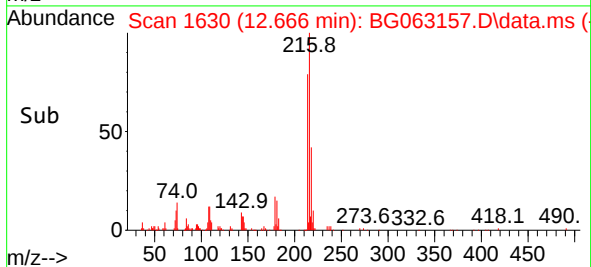
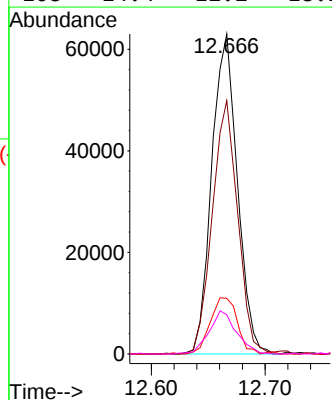
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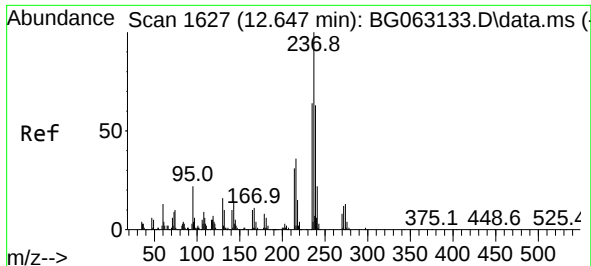


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.103 ng
RT: 12.666 min Scan# 1630
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17



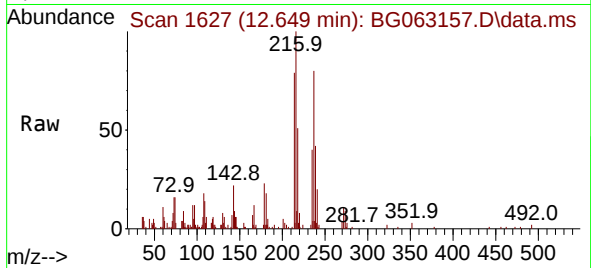
Tgt Ion:216 Resp: 98688
Ion Ratio Lower Upper
216 100
214 78.5 63.8 95.6
179 18.7 15.7 23.5
108 14.4 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 6.092 ng
RT: 12.649 min Scan# 10
Delta R.T. 0.002 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

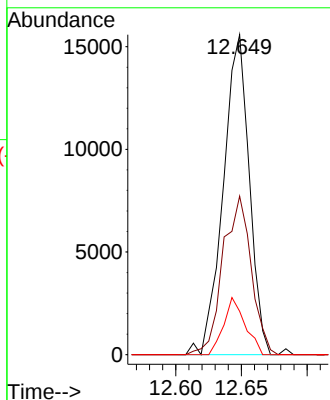
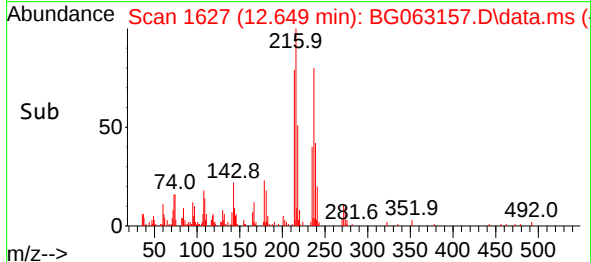
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:237 Resp: 21459
Ion Ratio Lower Upper
237 100
235 49.5 43.8 83.8
272 13.6 0.0 32.4

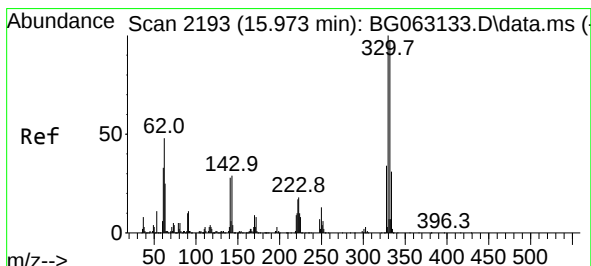
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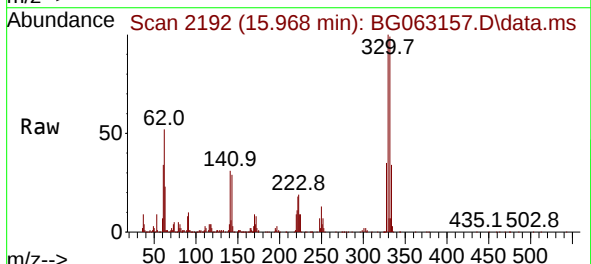


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ahmed

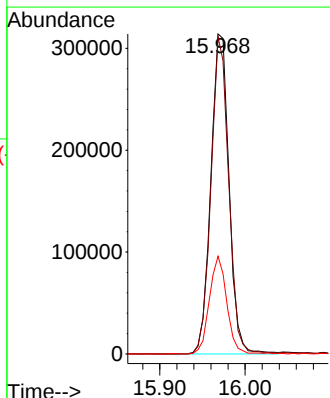
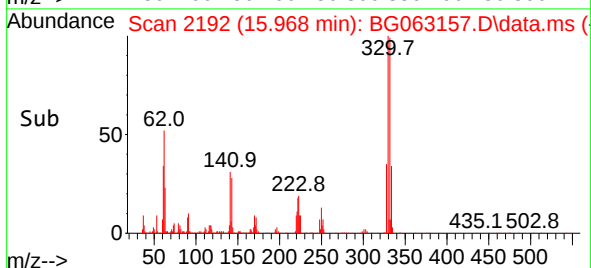
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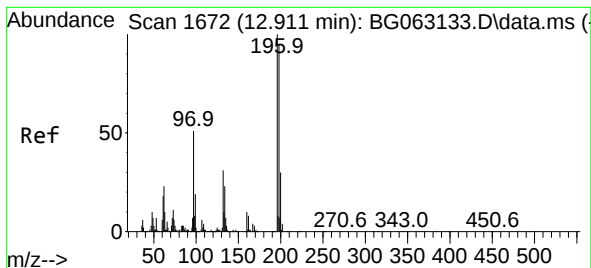


#42
2,4,6-Tribromophenol
Concen: 91.123 ng
RT: 15.968 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17



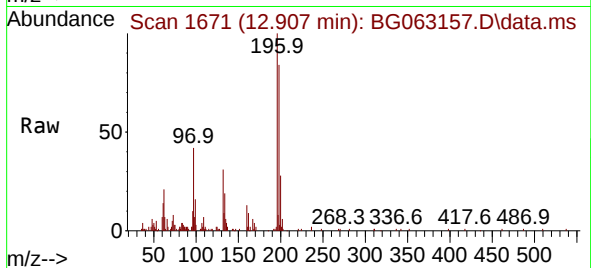
Tgt Ion:330 Resp: 467008
Ion Ratio Lower Upper
330 100
332 96.3 78.6 117.8
141 29.3 22.6 34.0





#43
2,4,6-Trichlorophenol
Concen: 8.584 ng
RT: 12.907 min Scan# 1671
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

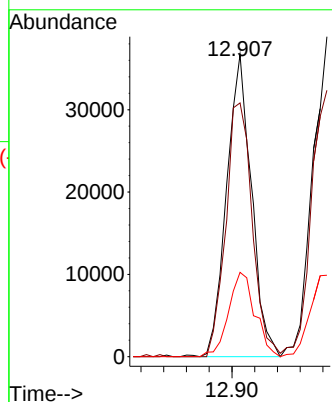
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:196 Resp: 5572
Ion Ratio Lower Upper
196 100
198 83.9 76.2 114.2
200 27.9 23.8 35.8

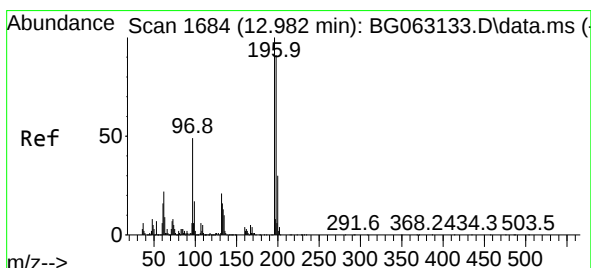
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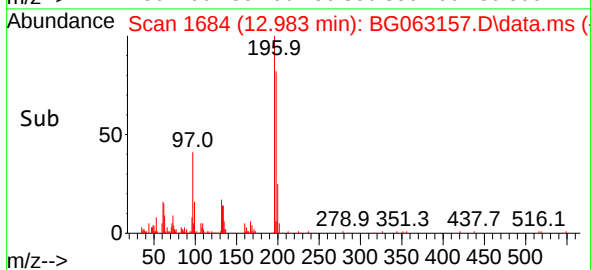
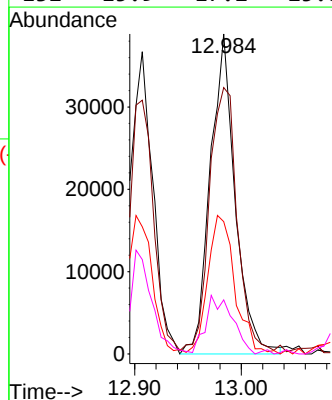
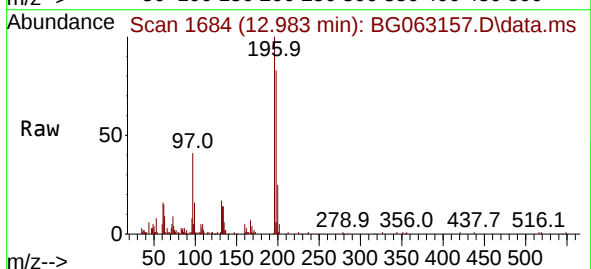
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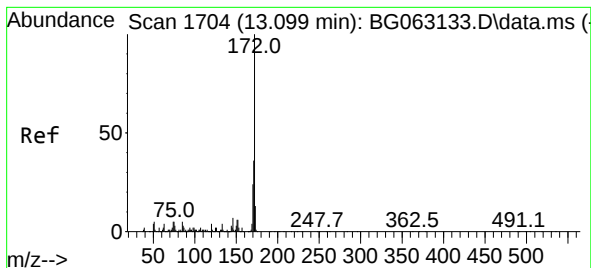
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#44
2,4,5-Trichlorophenol
Concen: 8.853 ng
RT: 12.983 min Scan# 1684
Delta R.T. 0.002 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

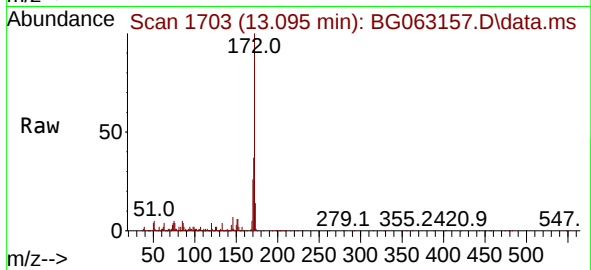
Tgt Ion:196 Resp: 63182
Ion Ratio Lower Upper
196 100
198 78.5 73.2 109.8
97 39.0 39.1 58.7#
132 15.9 17.2 25.8#





#45
2-Fluorobiphenyl
Concen: 66.162 ng
RT: 13.095 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

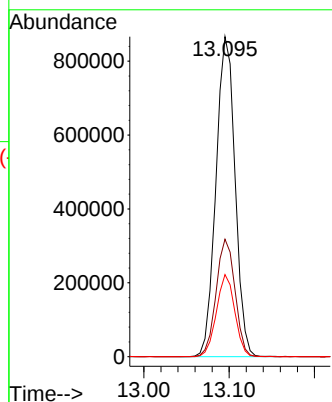
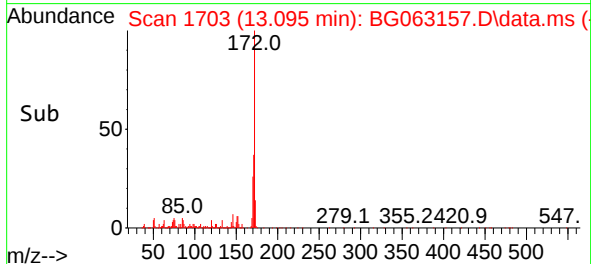
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:172 Resp: 134778
Ion Ratio Lower Upper
172 100
171 36.7 28.6 42.8
170 25.7 19.4 29.2

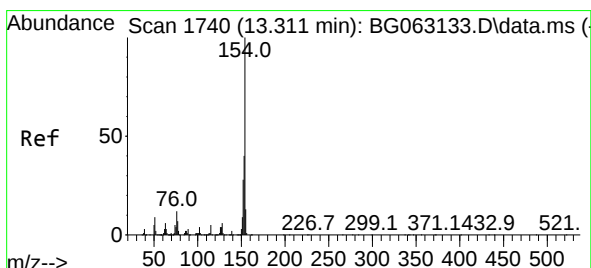
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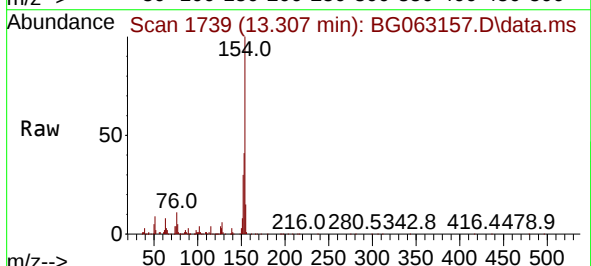


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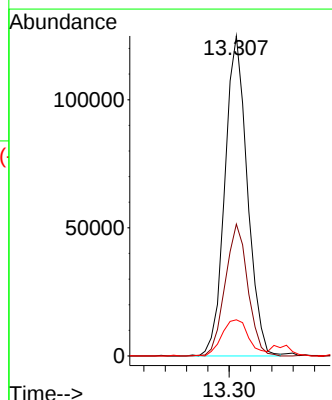
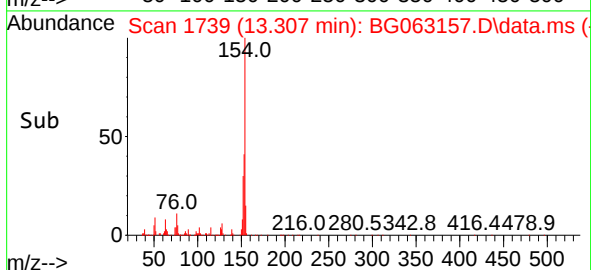
11/06/2024

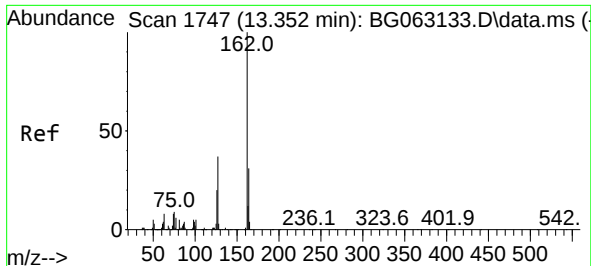


#46
1,1'-Biphenyl
Concen: 8.931 ng
RT: 13.307 min Scan# 1739
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17



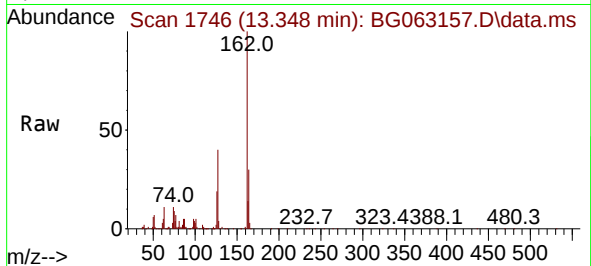
Tgt Ion:154 Resp: 182900
Ion Ratio Lower Upper
154 100
153 41.2 20.3 60.3
76 11.3 0.0 32.5





#47
2-Chloronaphthalene
Concen: 8.703 ng
RT: 13.348 min Scan# 1746
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

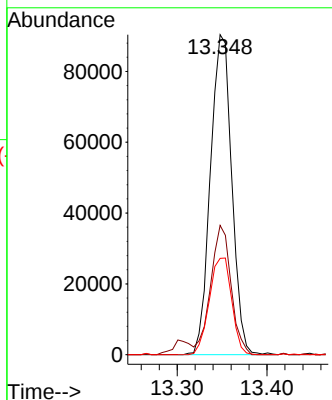
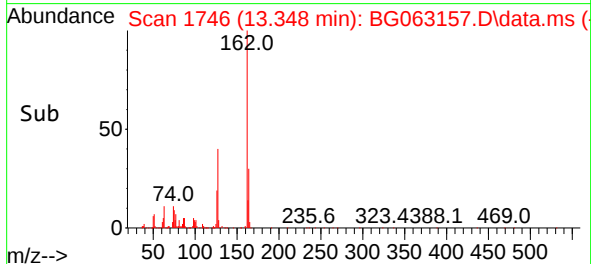
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:162 Resp: 14925
Ion Ratio Lower Upper
162 100
127 40.4 30.3 45.5
164 30.1 24.6 36.8

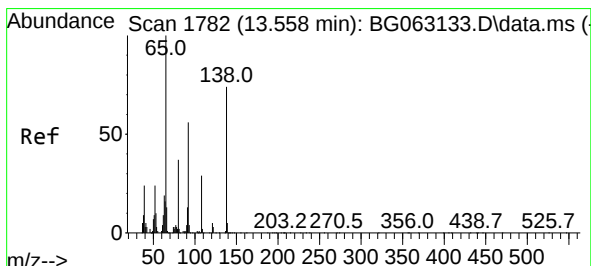
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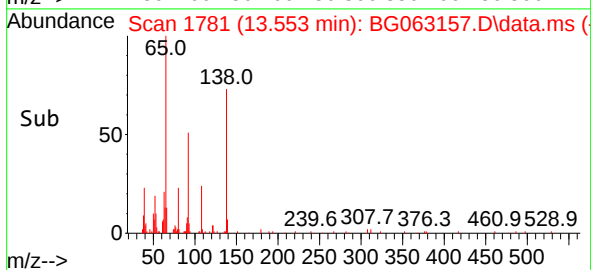
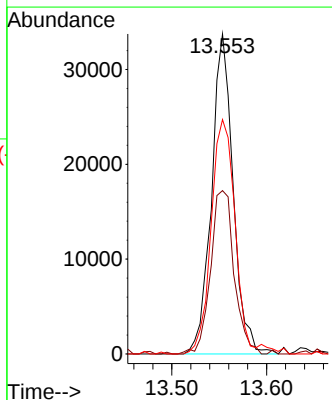
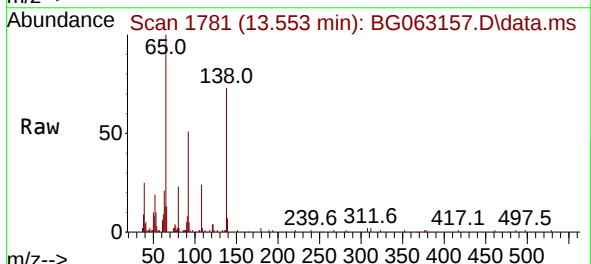
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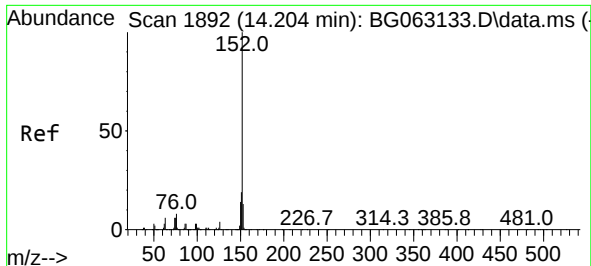
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#48
2-Nitroaniline
Concen: 8.867 ng
RT: 13.553 min Scan# 1781
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

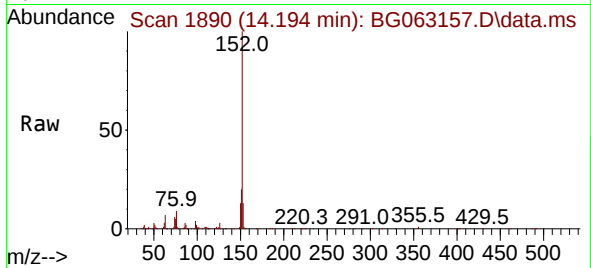
Tgt Ion: 65 Resp: 53375
Ion Ratio Lower Upper
65 100
92 51.0 44.6 66.8
138 73.3 59.0 88.4





#49
Acenaphthylene
Concen: 9.549 ng
RT: 14.194 min Scan# 1890
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

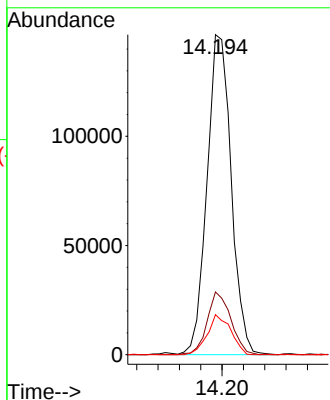
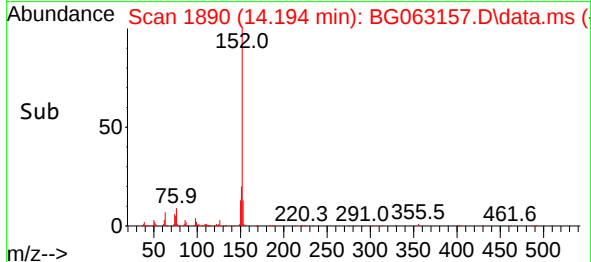
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:152 Resp: 23120
Ion Ratio Lower Upper
152 100
151 19.6 15.0 22.4
153 12.5 10.1 15.1

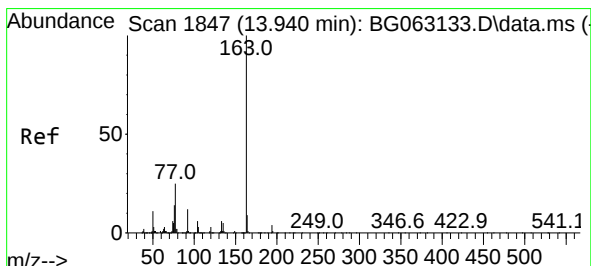
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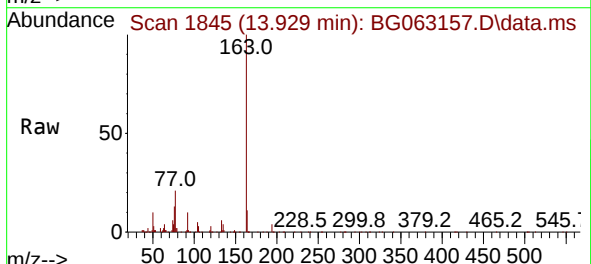


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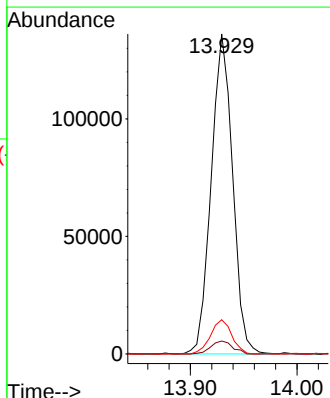
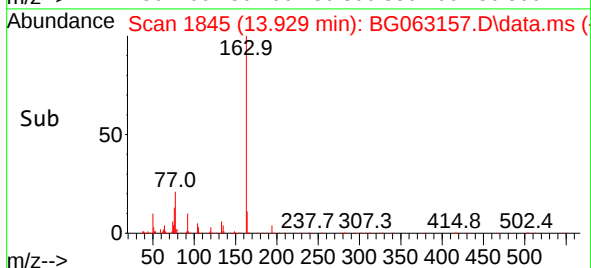
11/06/2024

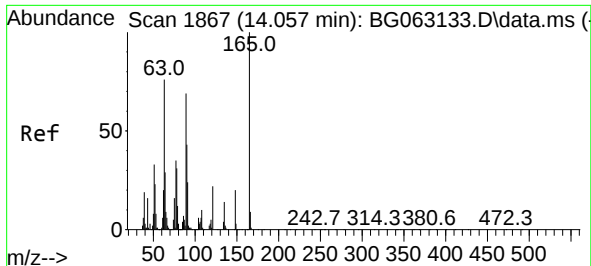


#50
Dimethylphthalate
Concen: 8.808 ng
RT: 13.929 min Scan# 1845
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17



Tgt Ion:163 Resp: 189409
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 11.0 7.0 10.6#





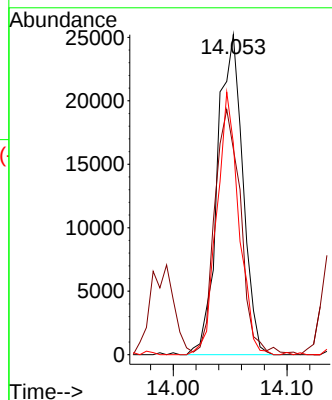
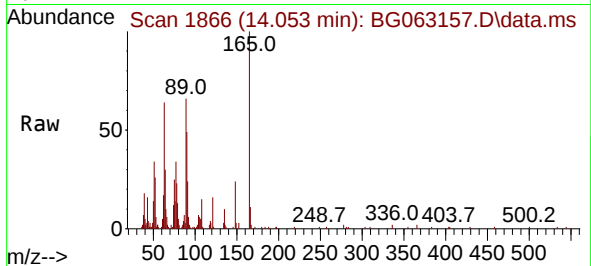
#51
2,6-Dinitrotoluene
Concen: 8.470 ng
RT: 14.053 min Scan# 1866
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:165 Resp: 3888
Ion Ratio Lower Upper
165 100
63 64.3 63.8 95.8
89 66.1 55.1 82.7

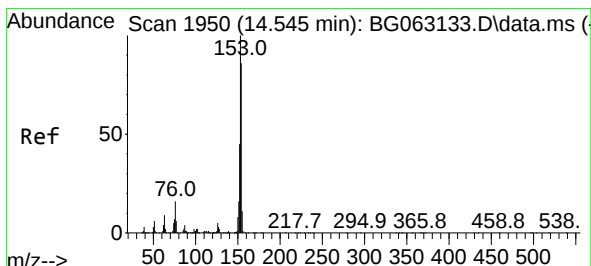
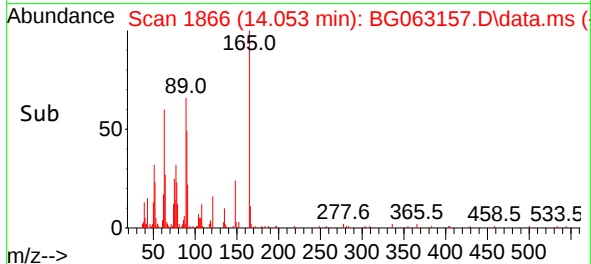
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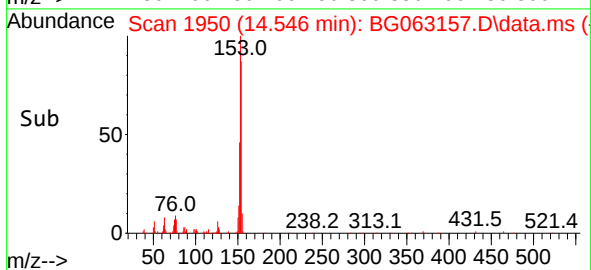
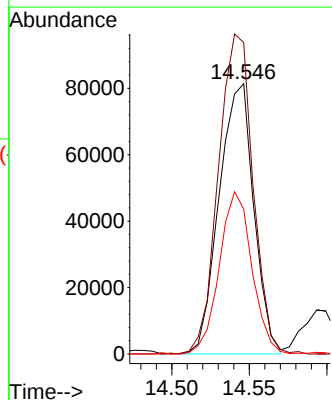
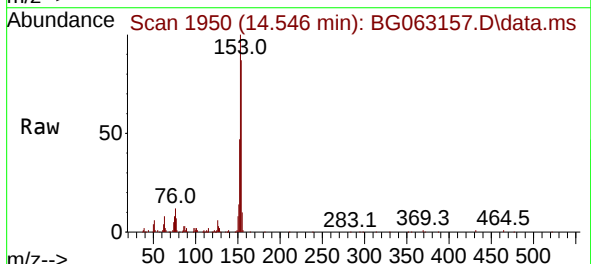
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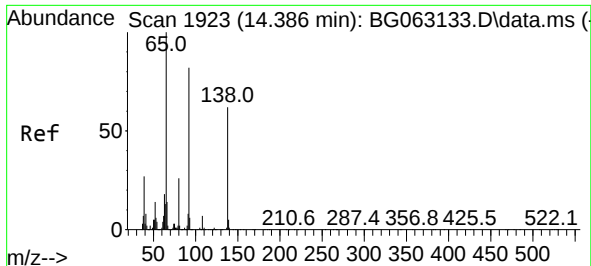
11/06/2024



#52
Acenaphthene
Concen: 8.436 ng
RT: 14.546 min Scan# 1950
Delta R.T. 0.002 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Tgt Ion:154 Resp: 126456
Ion Ratio Lower Upper
154 100
153 115.2 93.1 139.7
152 53.6 42.2 63.2





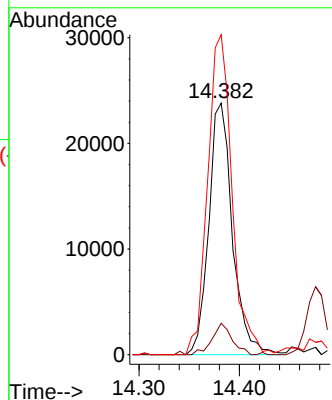
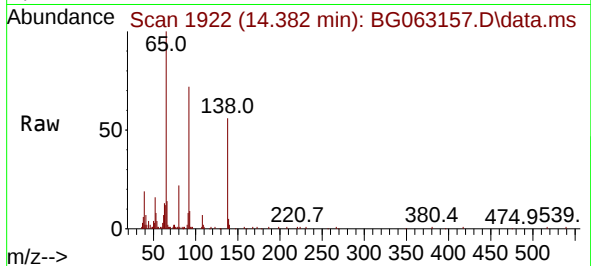
#53
3-Nitroaniline
Concen: 8.925 ng
RT: 14.382 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:138 Resp: 3890
Ion Ratio Lower Upper
138 100
108 12.5 9.4 14.0
92 127.2 106.2 159.2

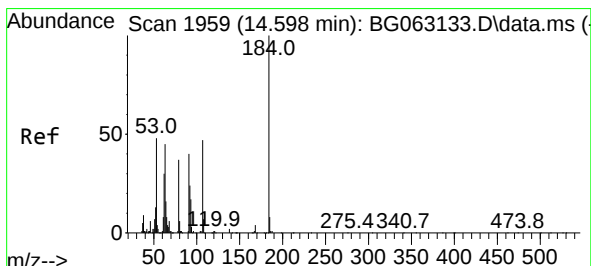
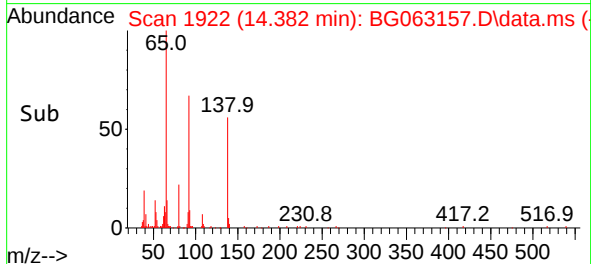
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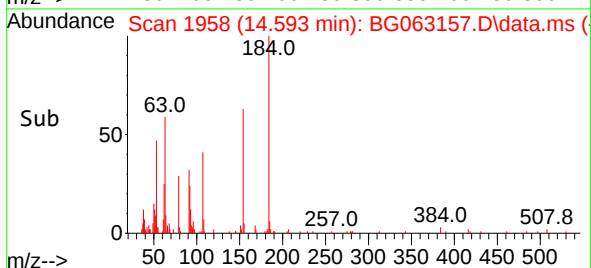
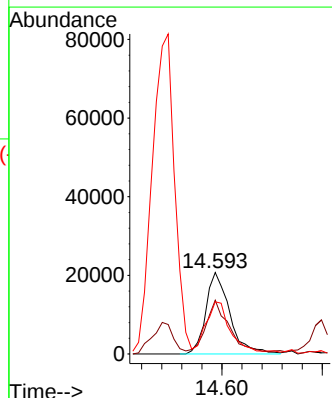
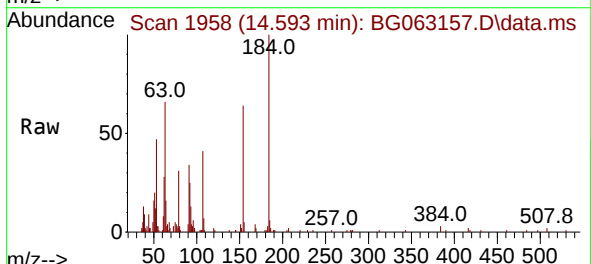
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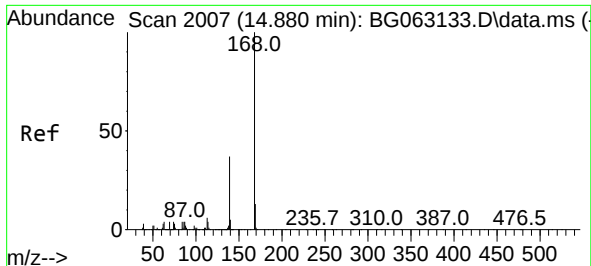
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#54
2,4-Dinitrophenol
Concen: 12.229 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.005 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

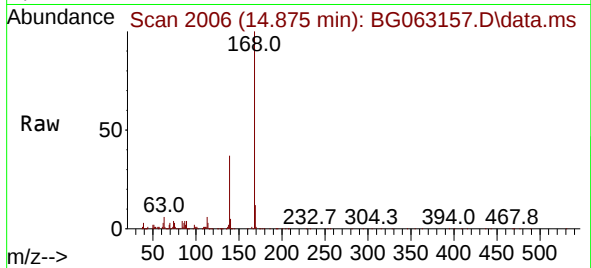
Tgt Ion:184 Resp: 34241
Ion Ratio Lower Upper
184 100
63 66.1 58.5 87.7
154 63.9 60.6 90.8





#55
Dibenzenofuran
Concen: 9.294 ng
RT: 14.875 min Scan# 20
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

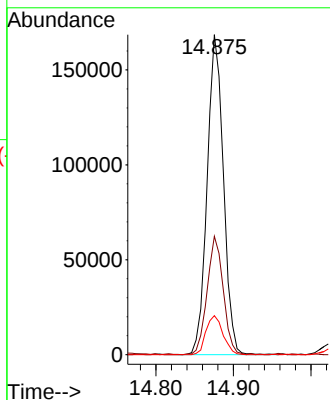
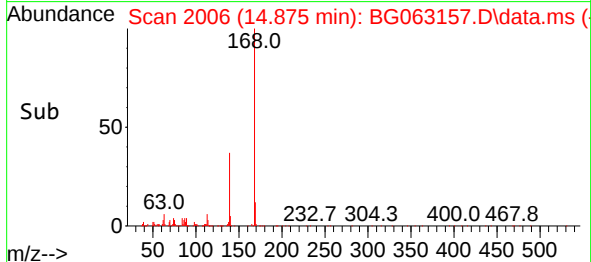
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:168 Resp: 24564
Ion Ratio Lower Upper
168 100
139 37.0 29.9 44.9
169 12.2 10.4 15.6

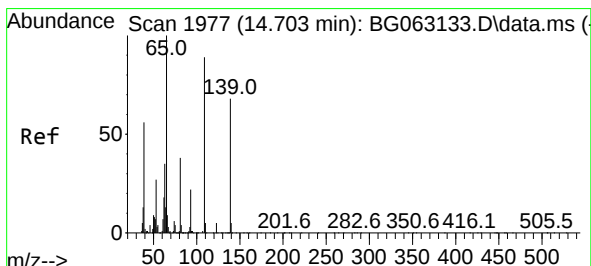
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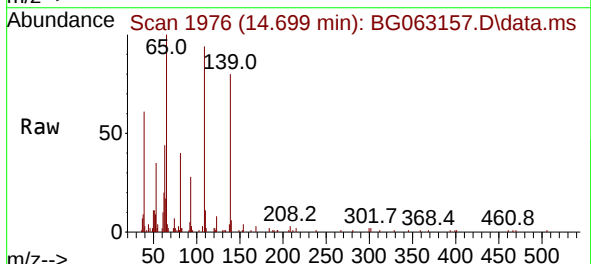


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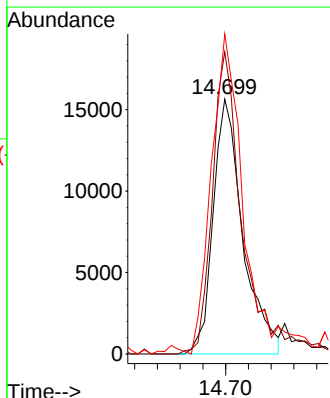
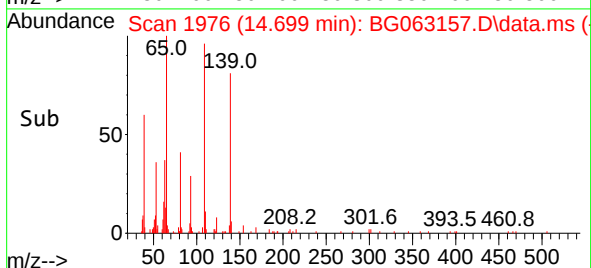
11/06/2024

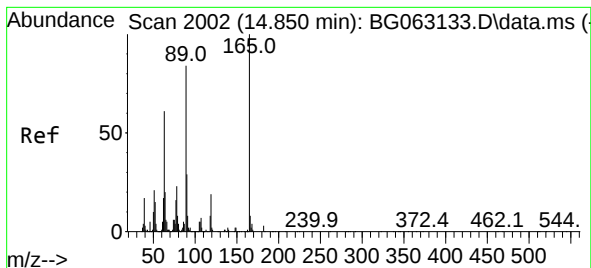


#56
4-Nitrophenol
Concen: 8.584 ng
RT: 14.699 min Scan# 1976
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17



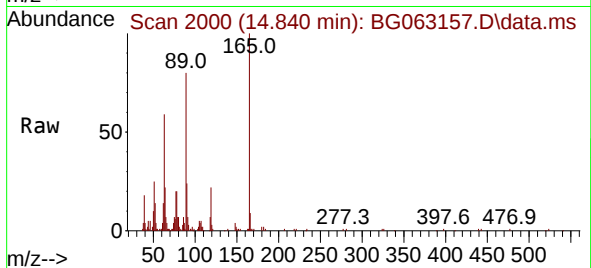
Tgt Ion:139 Resp: 28328
Ion Ratio Lower Upper
139 100
109 118.6 112.0 152.0
65 125.6 127.6 167.6#





#57
2,4-Dinitrotoluene
Concen: 8.955 ng
RT: 14.840 min Scan# 2002
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

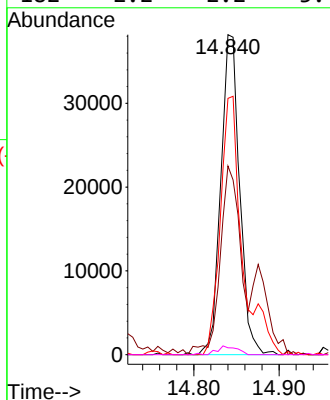
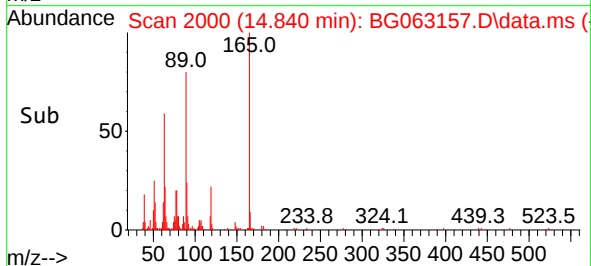
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:165 Resp: 5880
Ion Ratio Lower Upper
165 100
63 58.9 49.0 73.4
89 80.1 67.4 101.0
182 2.2 2.2 3.4#

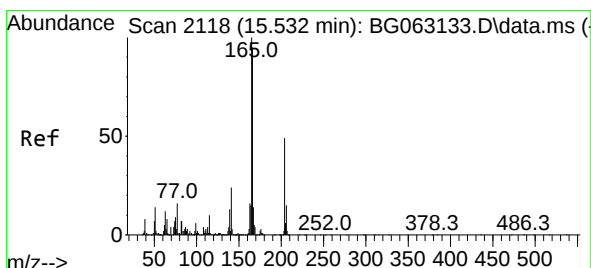
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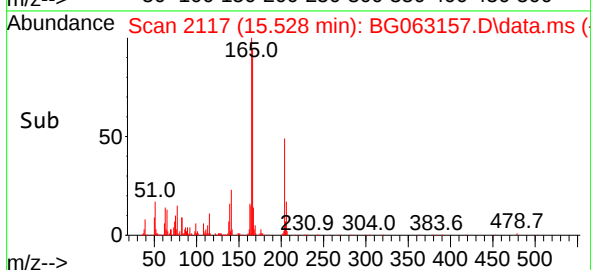
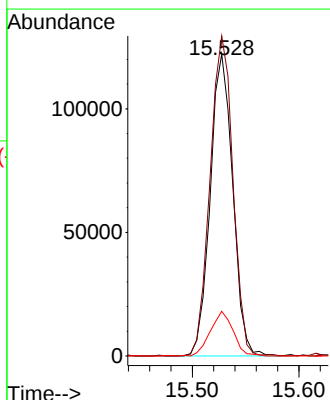
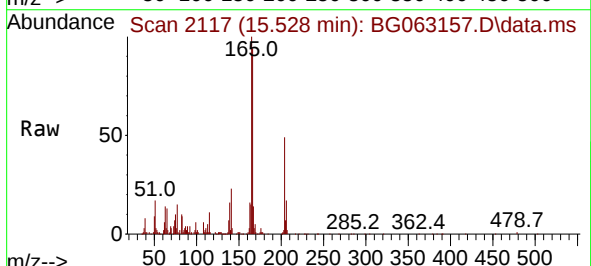
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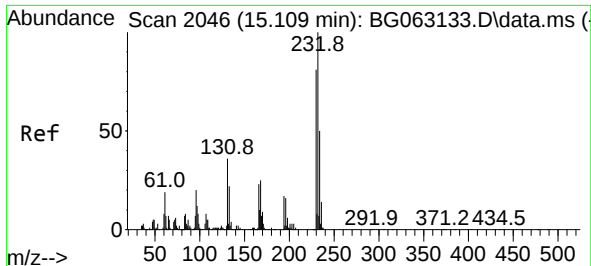
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#58
Fluorene
Concen: 8.549 ng
RT: 15.528 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Tgt Ion:166 Resp: 179051
Ion Ratio Lower Upper
166 100
165 106.0 84.1 126.1
167 14.8 11.6 17.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.265 ng

RT: 15.105 min Scan# 2046

Delta R.T. -0.004 min

Lab File: BG063157.D

Acq: 4 Nov 2024 16:17

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:232 Resp: 5660

Ion Ratio Lower Upper

232 100

131 33.2 26.8 40.2

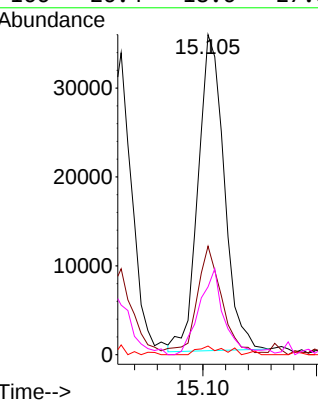
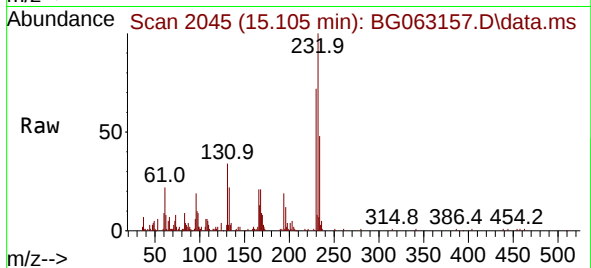
130 2.9 1.8 2.8

166 26.4 18.6 27.8

Manual Integrations

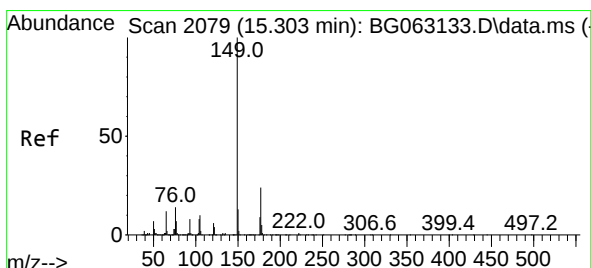
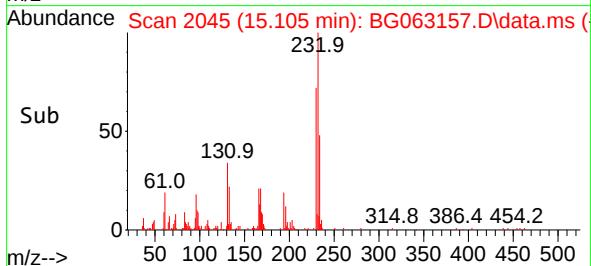
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Reviewed By :Jagrut
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Supervised By :mohammad
ahmed

11/06/2024



#60

Diethylphthalate

Concen: 8.442 ng

RT: 15.298 min Scan# 2078

Delta R.T. -0.004 min

Lab File: BG063157.D

Acq: 4 Nov 2024 16:17

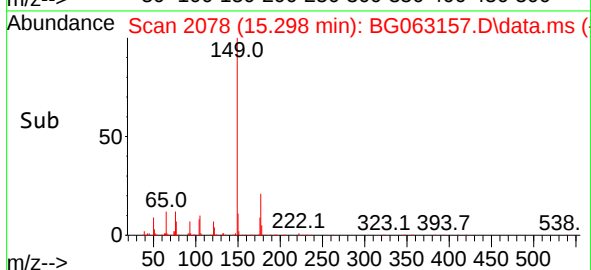
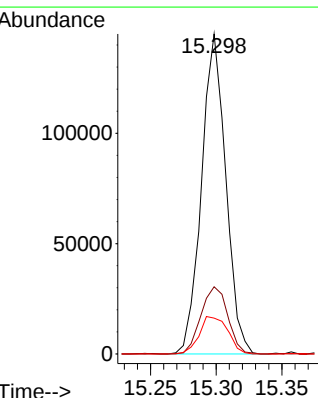
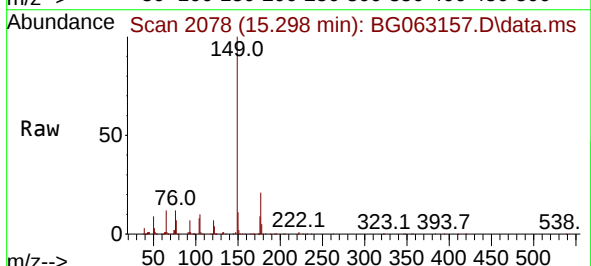
Tgt Ion:149 Resp: 186394

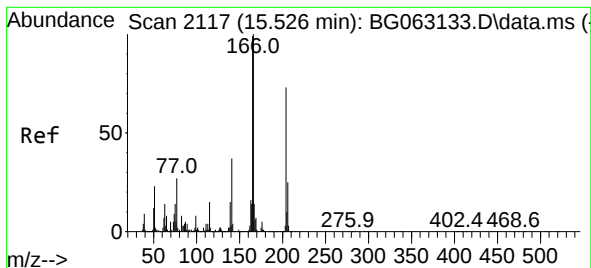
Ion Ratio Lower Upper

149 100

177 21.0 18.8 28.2

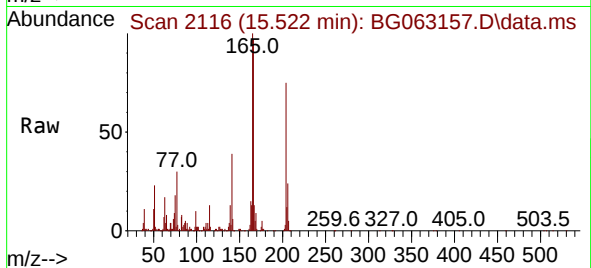
150 11.2 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 8.685 ng
RT: 15.522 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

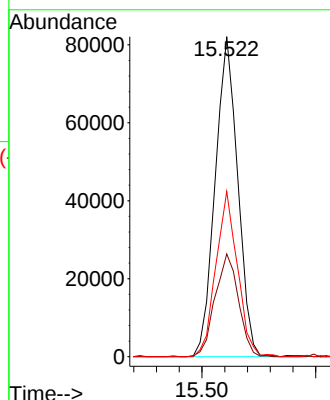
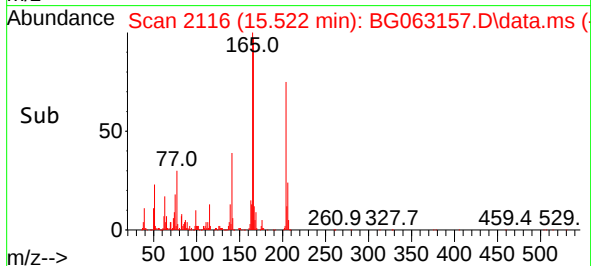
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2024



Tgt Ion:204 Resp: 11306
Ion Ratio Lower Upper
204 100
206 32.1 27.0 40.4
141 51.6 41.0 61.4

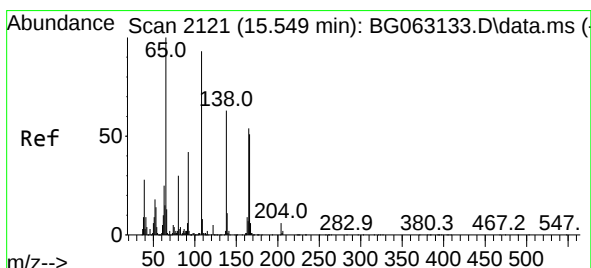
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Upadhyay

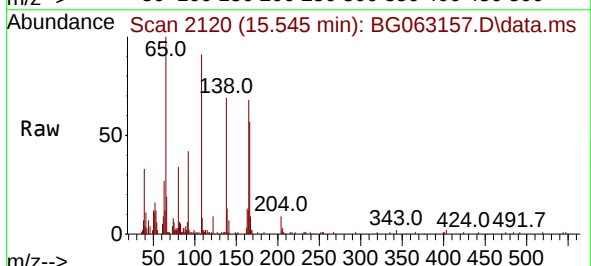


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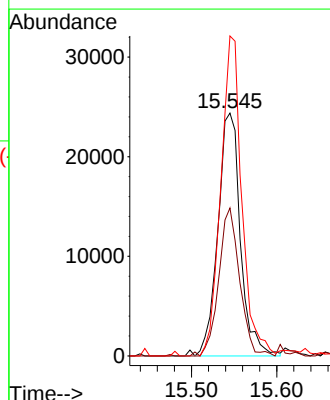
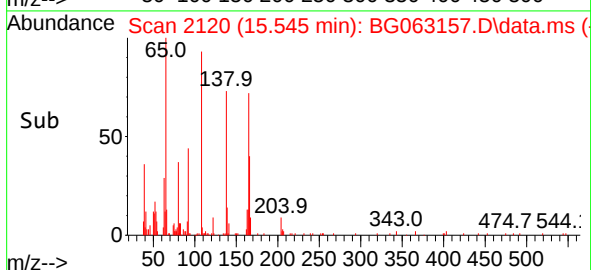
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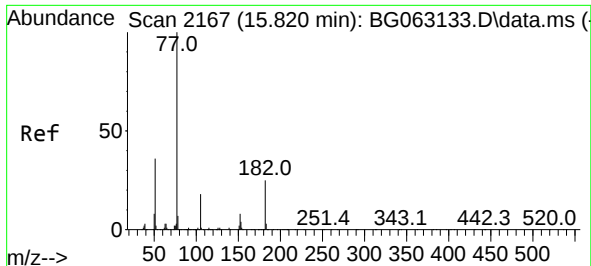


#62
4-Nitroaniline
Concen: 9.343 ng
RT: 15.545 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17



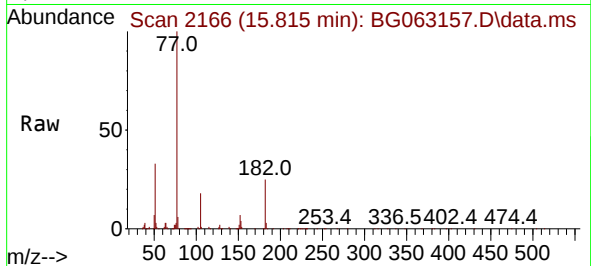
Tgt Ion:138 Resp: 44932
Ion Ratio Lower Upper
138 100
92 60.9 46.2 86.2
108 131.8 126.8 166.8





#63
Azobenzene
Concen: 9.124 ng
RT: 15.815 min Scan# 2167
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

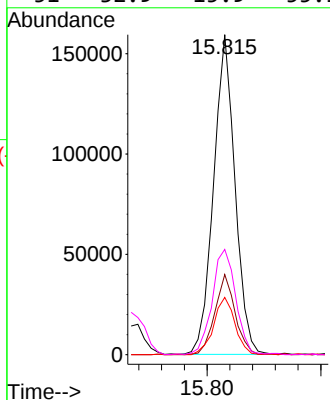
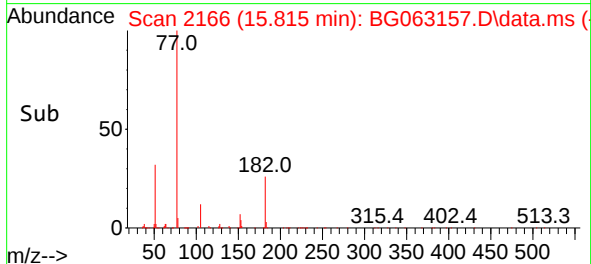
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion: 77 Resp: 20835
Ion Ratio Lower Upper
77 100
182 25.1 5.4 45.4
105 17.9 0.0 37.5
51 32.9 15.9 55.9

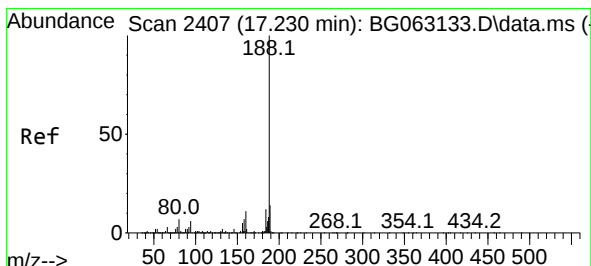
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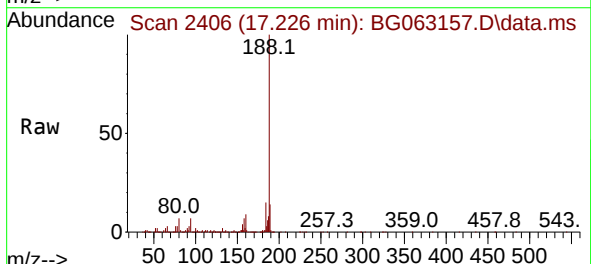


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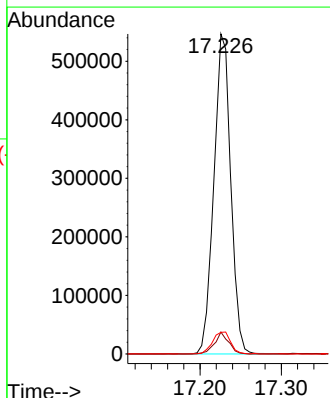
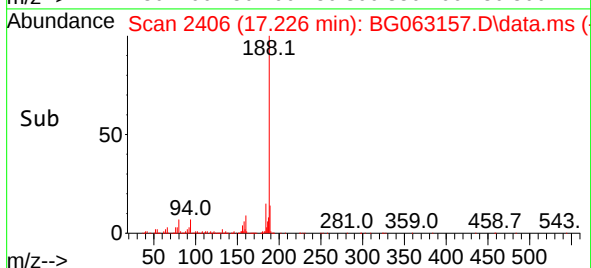
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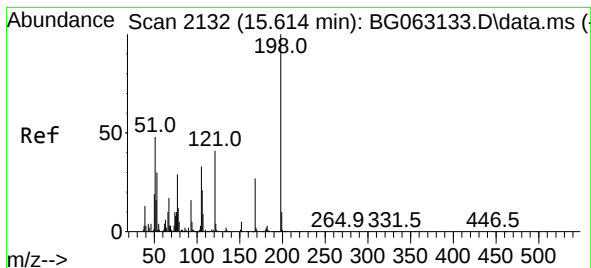


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.226 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17



Tgt Ion:188 Resp: 789709
Ion Ratio Lower Upper
188 100
94 6.8 4.8 7.2
80 6.8 5.9 8.9





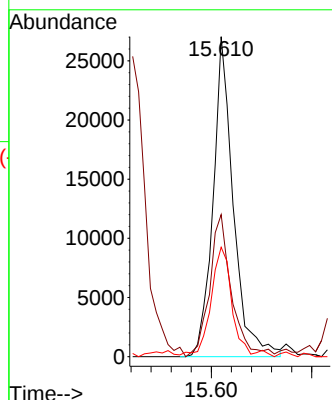
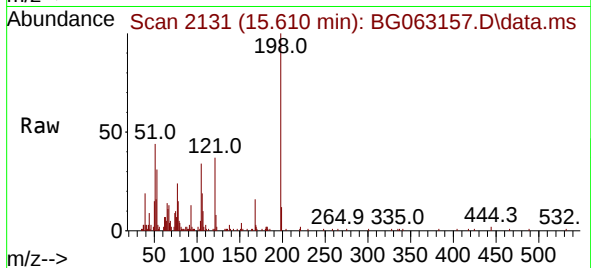
#65
4,6-Dinitro-2-methylphenol
Concen: 7.482 ng
RT: 15.610 min Scan# 2132
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:198 Resp: 37980
Ion Ratio Lower Upper
198 100
51 44.4 30.3 70.3
105 34.2 13.6 53.6

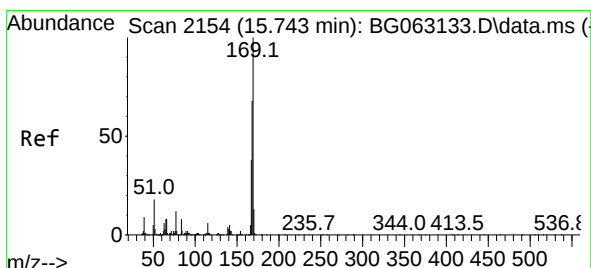
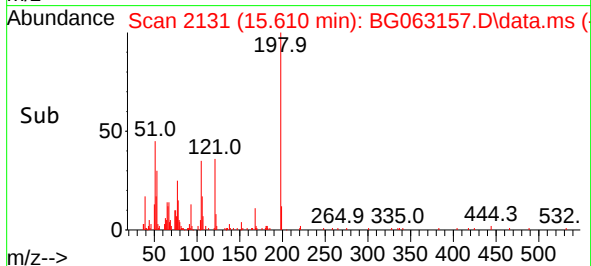
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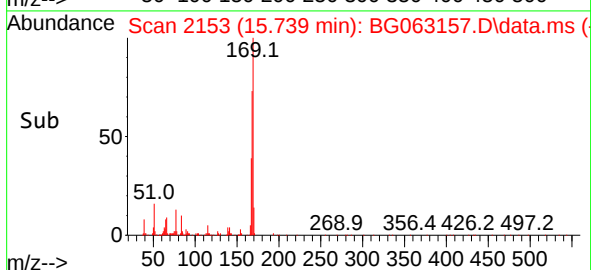
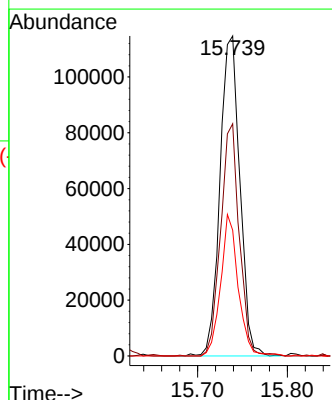
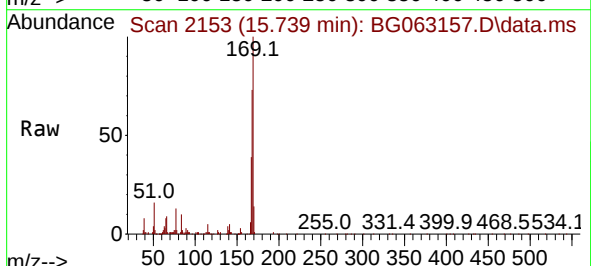
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Supervised By :mohammad
ahmed

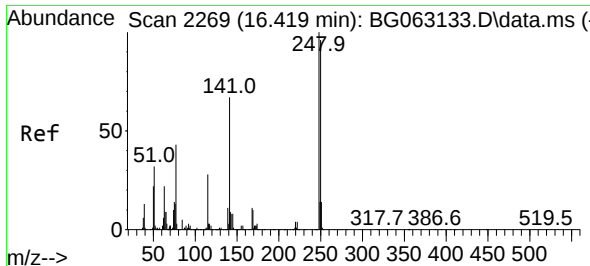
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#66
n-Nitrosodiphenylamine
Concen: 8.929 ng
RT: 15.739 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

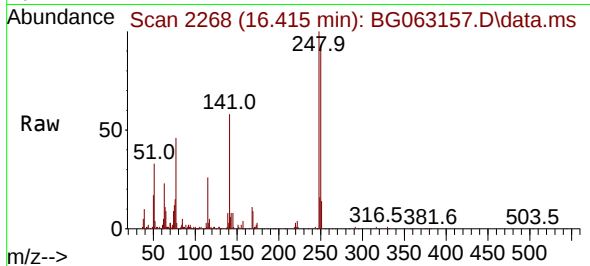
Tgt Ion:169 Resp: 175903
Ion Ratio Lower Upper
169 100
168 72.6 54.8 82.2
167 39.3 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 8.759 ng
RT: 16.415 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

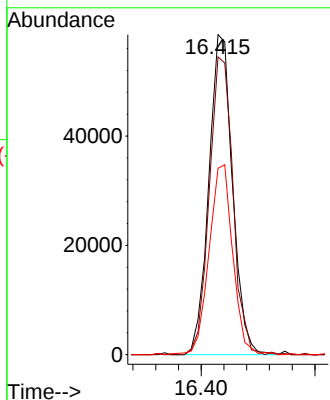
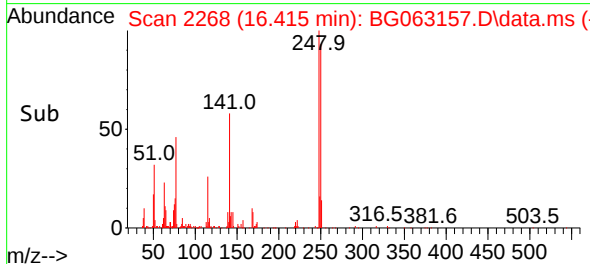
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:248 Resp: 8477
Ion Ratio Lower Upper
248 100
250 93.0 76.6 115.0
141 58.3 53.9 80.9

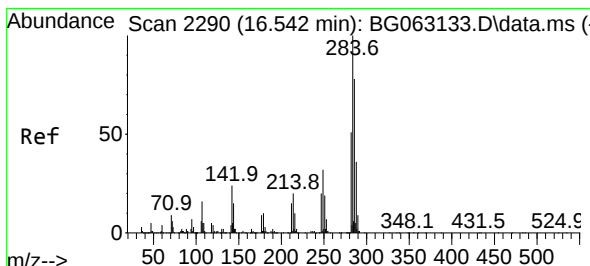
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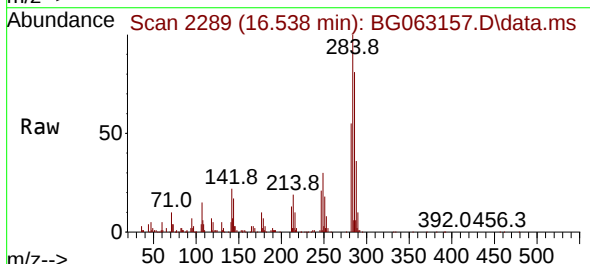


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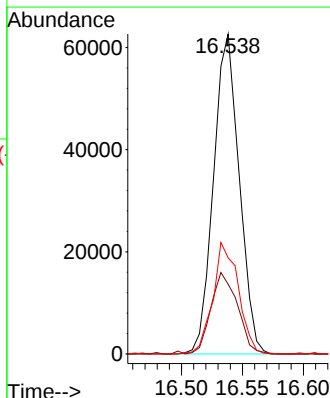
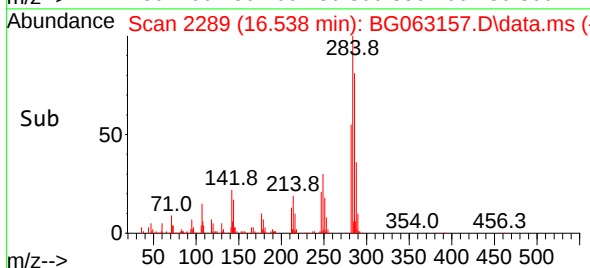
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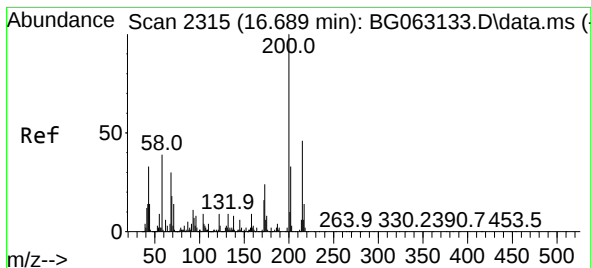


#68
Hexachlorobenzene
Concen: 8.200 ng
RT: 16.538 min Scan# 2289
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17



Tgt Ion:284 Resp: 91934
Ion Ratio Lower Upper
284 100
142 21.8 19.0 28.6
249 32.8 25.8 38.8





#69

Atrazine

Concen: 8.893 ng

RT: 16.685 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG063157.D

Acq: 4 Nov 2024 16:17

Instrument :

BNA_G

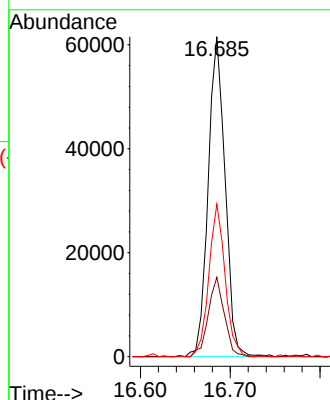
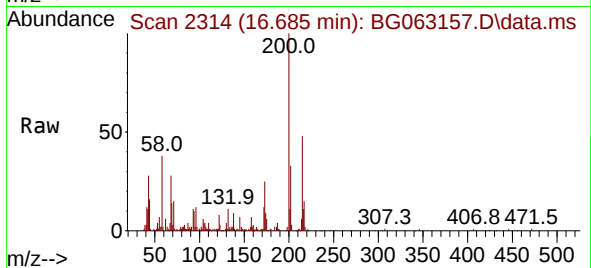
ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:200 Resp: 8054
 Ion Ratio Lower Upper
 200 100
 173 24.8 3.6 43.6
 215 47.7 25.8 65.8

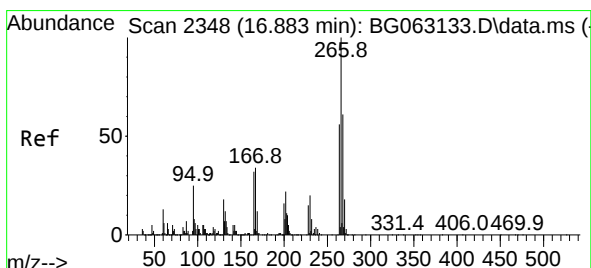
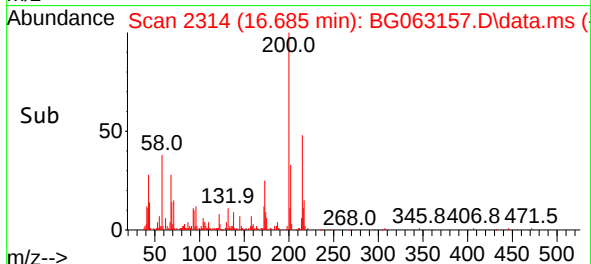
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 Upadhyay



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 ahmed

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#70

Pentachlorophenol

Concen: 5.620 ng

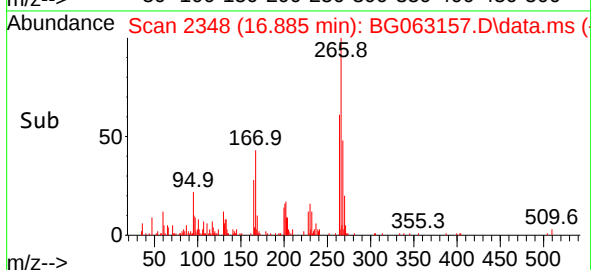
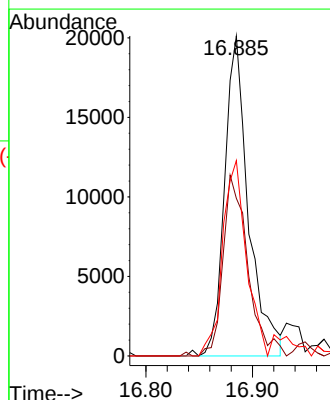
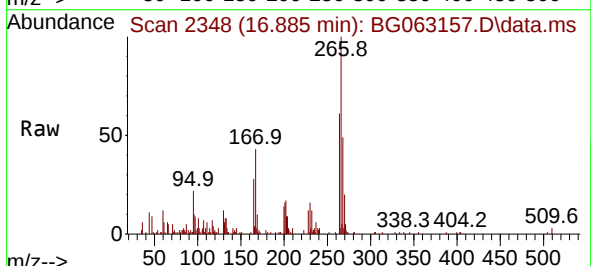
RT: 16.885 min Scan# 2348

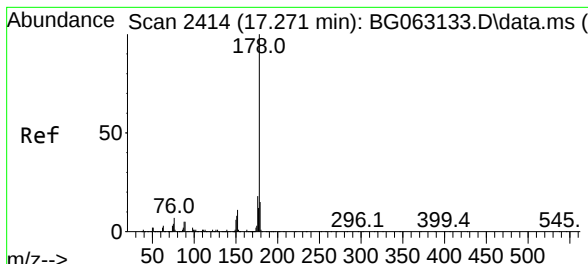
Delta R.T. 0.002 min

Lab File: BG063157.D

Acq: 4 Nov 2024 16:17

Tgt Ion:266 Resp: 31347
 Ion Ratio Lower Upper
 266 100
 268 49.2 48.8 73.2
 264 64.1 45.0 67.4





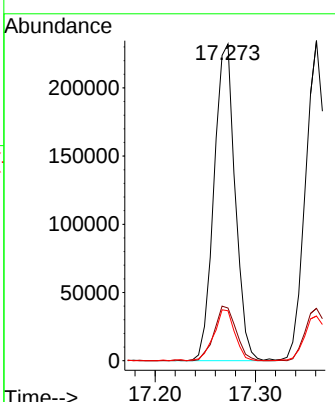
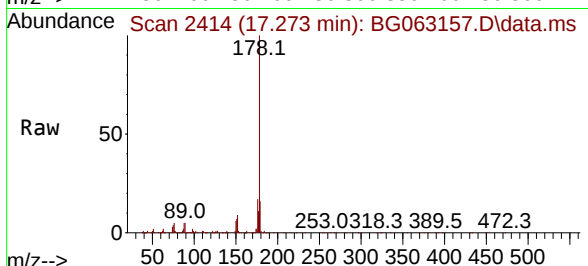
#71
Phenanthrene
Concen: 8.873 ng
RT: 17.273 min Scan# 2414
Delta R.T. 0.002 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2024

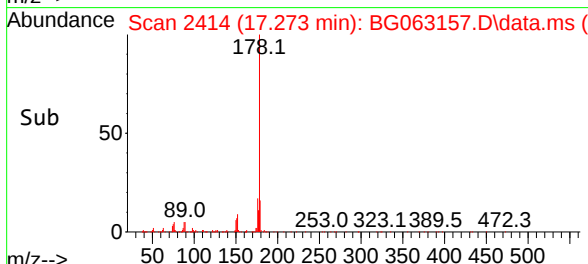
Tgt Ion:178 Resp: 33967

Ion	Ratio	Lower	Upper
178	100		
176	16.6	14.6	22.0
179	15.8	12.3	18.5

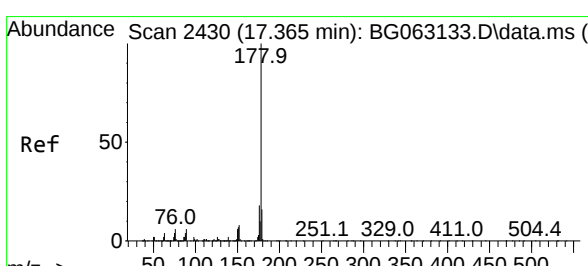
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Supervised By :mohammad ahmed



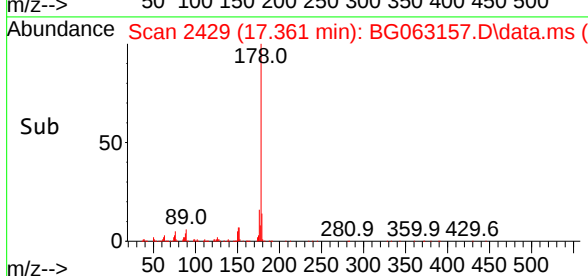
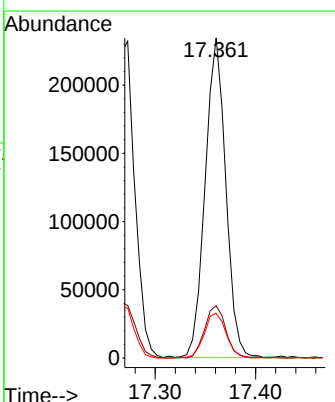
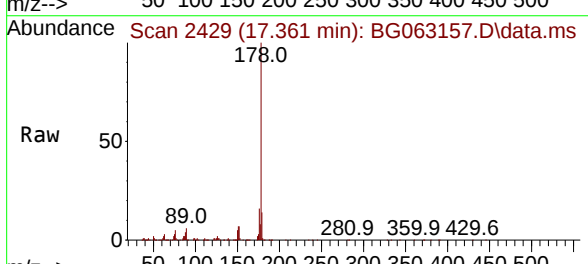
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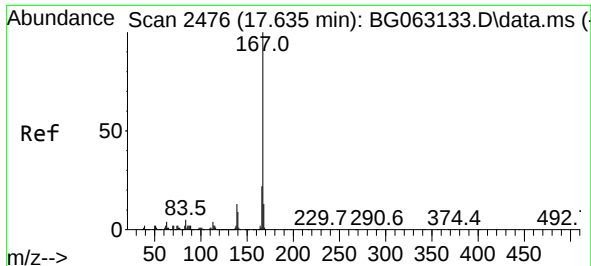


#72
Anthracene
Concen: 8.881 ng
RT: 17.361 min Scan# 2429
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Tgt Ion:178 Resp: 333693

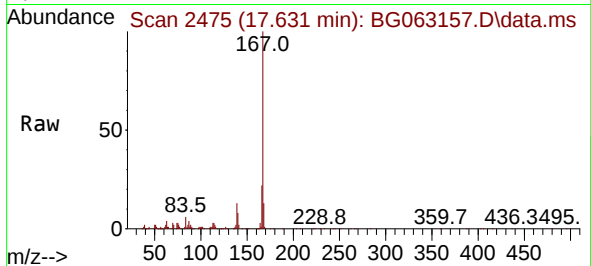
Ion	Ratio	Lower	Upper
178	100		
176	16.3	14.6	22.0
179	14.0	12.4	18.6





#73
 Carbazole
 Concen: 8.872 ng
 RT: 17.631 min Scan# 2476
 Delta R.T. -0.004 min
 Lab File: BG063157.D
 Acq: 4 Nov 2024 16:17

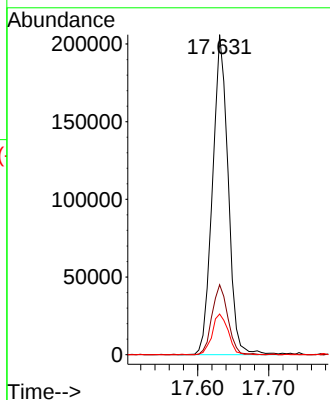
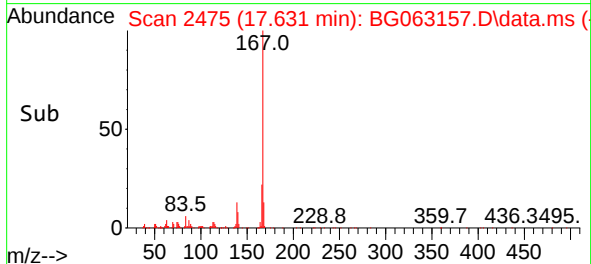
Instrument : BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024



Tgt Ion:167 Resp: 313829
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 12.7 10.3 15.5

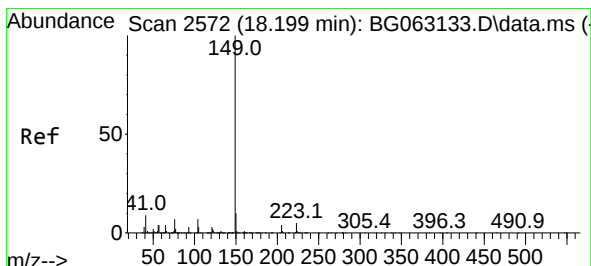
Manual Integrations
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 Upadhyay

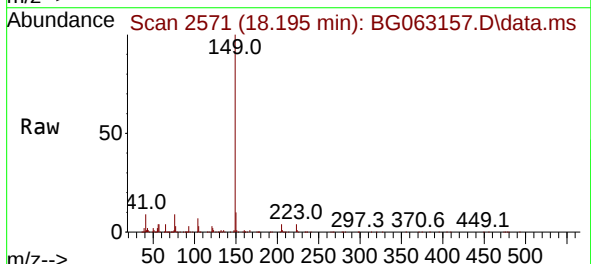


11/05/2024
 Supervised By :mohammad
 ahmed

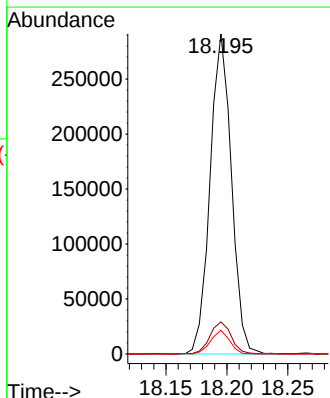
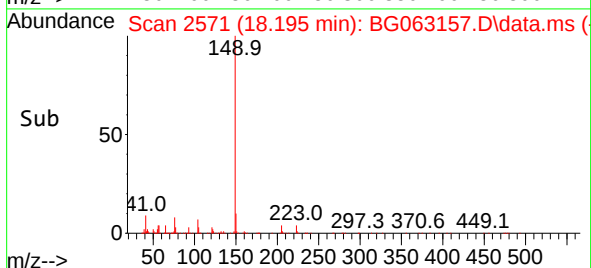
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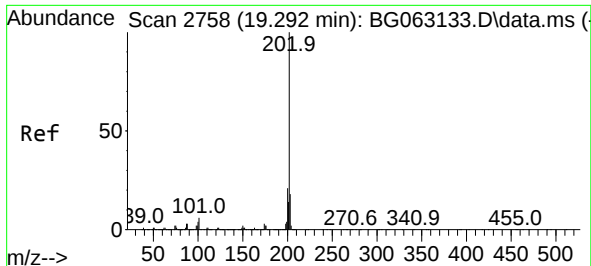


#74
 Di-n-butylphthalate
 Concen: 8.827 ng
 RT: 18.195 min Scan# 2571
 Delta R.T. -0.004 min
 Lab File: BG063157.D
 Acq: 4 Nov 2024 16:17



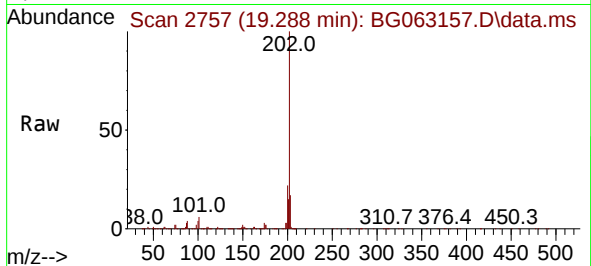
Tgt Ion:149 Resp: 354513
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 7.4 5.4 8.0





#75
Fluoranthene
Concen: 9.079 ng
RT: 19.288 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

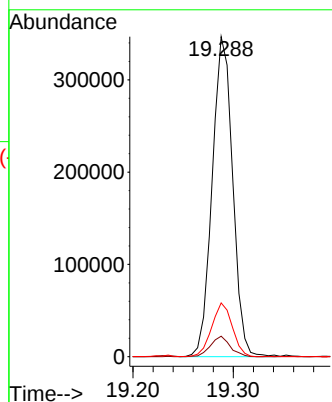
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:202 Resp: 491960
Ion Ratio Lower Upper
202 100
101 6.4 0.0 25.8
203 16.8 0.0 38.1

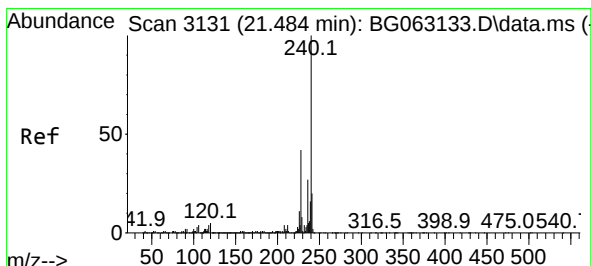
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Upadhyay



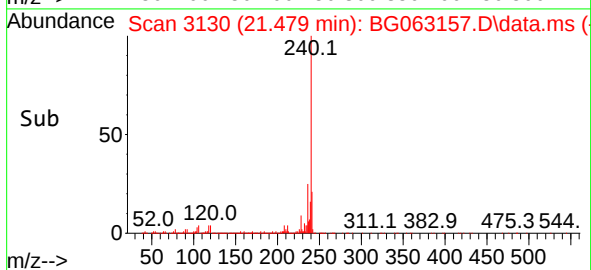
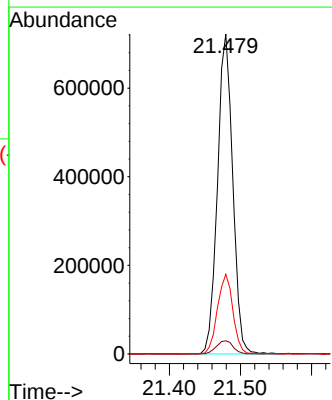
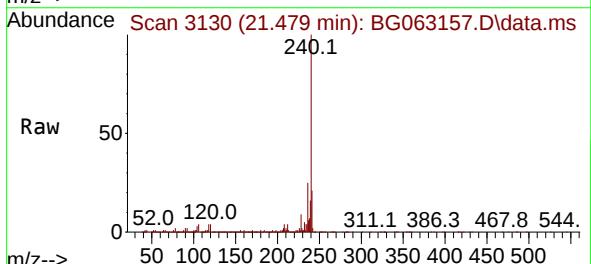
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Supervised By :mohammad
ahmed

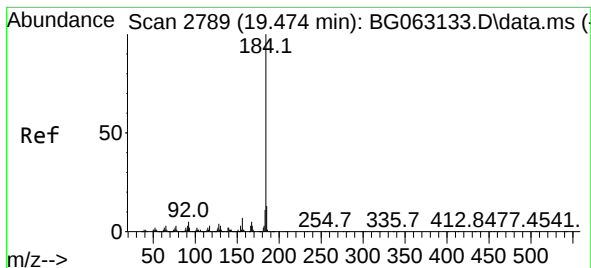
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.479 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Tgt Ion:240 Resp: 1073711
Ion Ratio Lower Upper
240 100
120 4.1 3.9 5.9
236 24.9 21.4 32.2





#77

Benzidine

Concen: 9.134 ng

RT: 19.470 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG063157.D

Acq: 4 Nov 2024 16:17

Instrument :

BNA_G

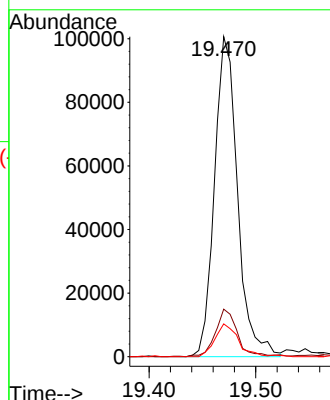
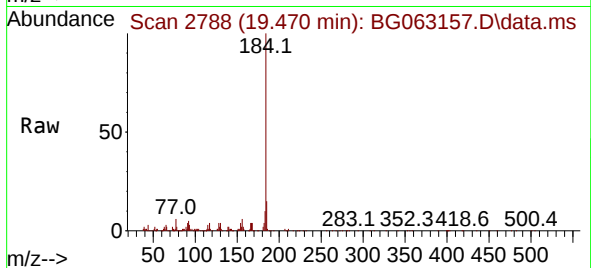
ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:184	Resp: 15111
Ion Ratio	Lower Upper
184 100	
185 14.9	10.6 16.0
183 10.3	8.6 12.8

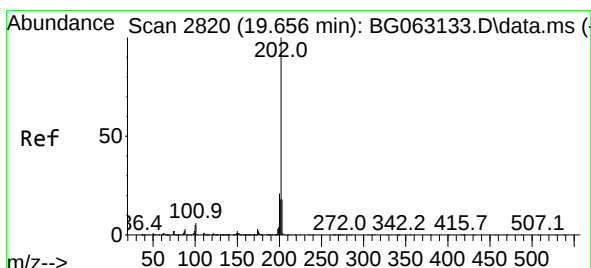
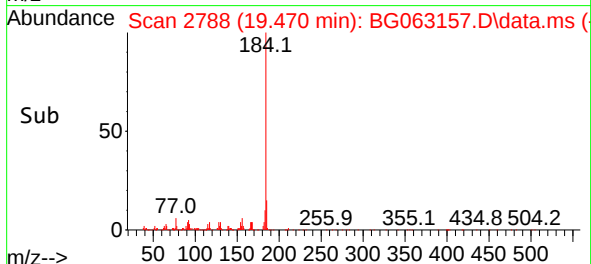
Manual Integrations
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Reviewed By :Jagrut
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#78

Pyrene

Concen: 8.191 ng

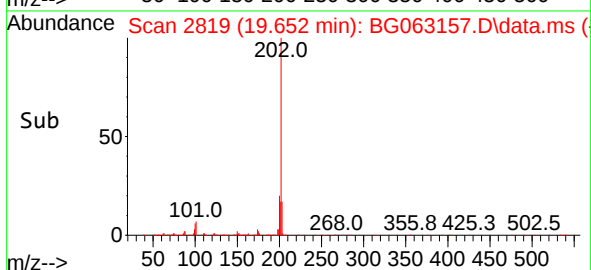
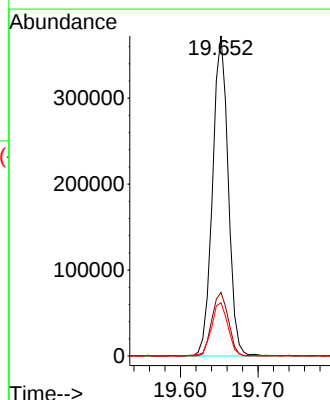
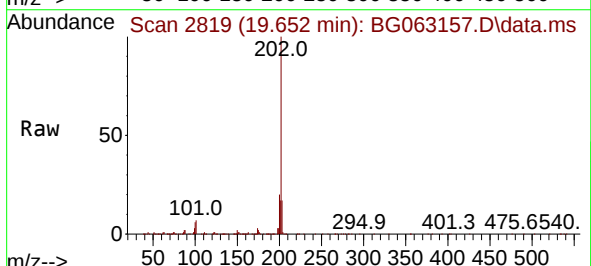
RT: 19.652 min Scan# 2819

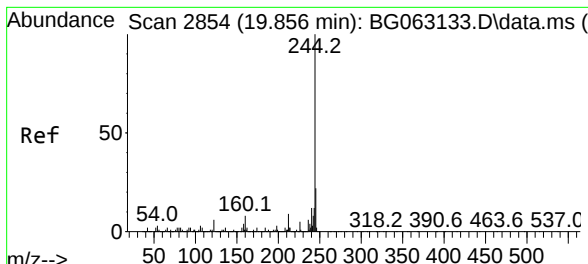
Delta R.T. -0.004 min

Lab File: BG063157.D

Acq: 4 Nov 2024 16:17

Tgt Ion:202	Resp: 521377
Ion Ratio	Lower Upper
202 100	
200 19.9	16.7 25.1
203 16.7	14.2 21.2





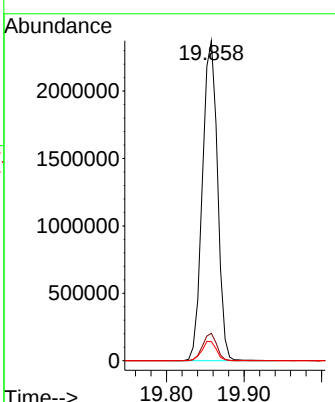
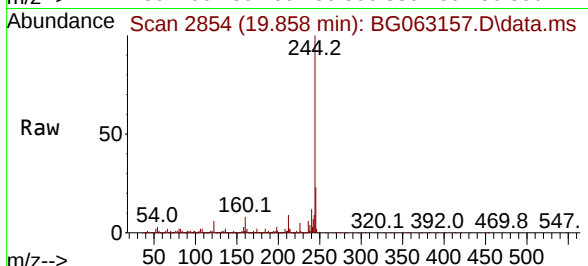
#79
 Terphenyl-d14
 Concen: 61.421 ng
 RT: 19.858 min Scan# 2854
 Delta R.T. 0.002 min
 Lab File: BG063157.D
 Acq: 4 Nov 2024 16:17

Instrument : BNA_G
 ClientSampleId : LOQ-SOIL-02-QT4-2024

Tgt Ion:244 Resp: 3204720

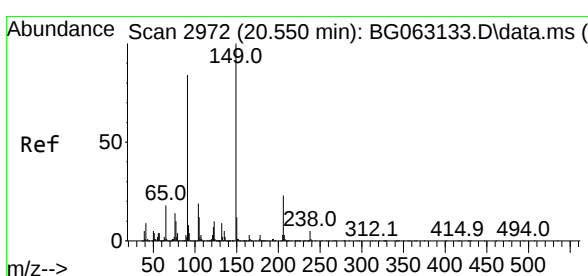
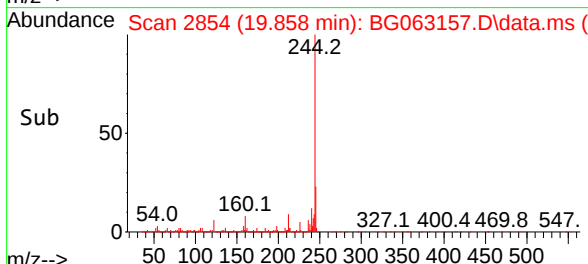
Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.3	10.9
122	6.0	4.8	7.2

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 Supervised By :mohammad ahmed

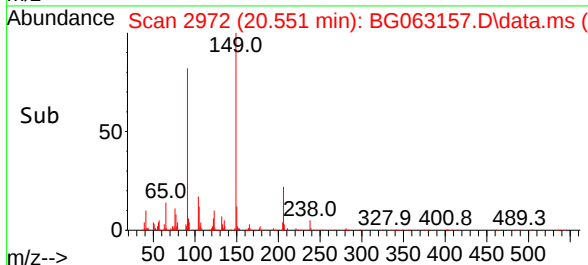
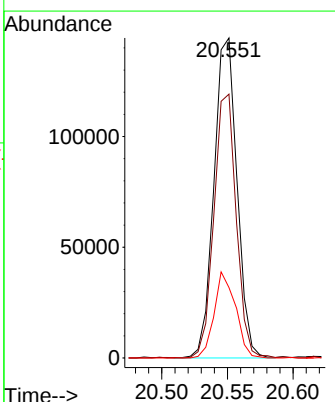
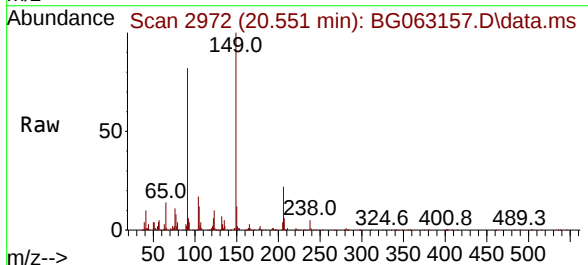
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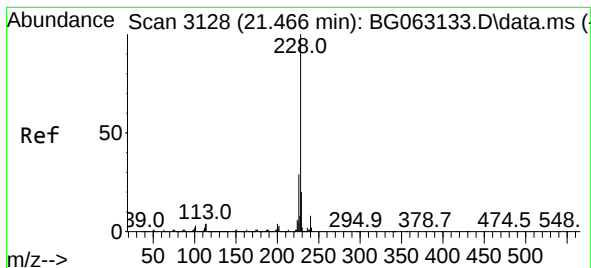


#80
 Butylbenzylphthalate
 Concen: 8.620 ng
 RT: 20.551 min Scan# 2972
 Delta R.T. 0.002 min
 Lab File: BG063157.D
 Acq: 4 Nov 2024 16:17

Tgt Ion:149 Resp: 176766

Ion	Ratio	Lower	Upper
149	100		
91	82.4	67.3	100.9
206	22.0	18.8	28.2





#81

Benzo(a)anthracene

Concen: 9.109 ng

RT: 21.462 min Scan# 3128

Delta R.T. -0.004 min

Lab File: BG063157.D

Acq: 4 Nov 2024 16:17

Instrument :

BNA_G

ClientSampleId :

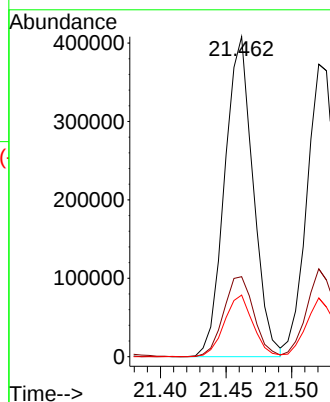
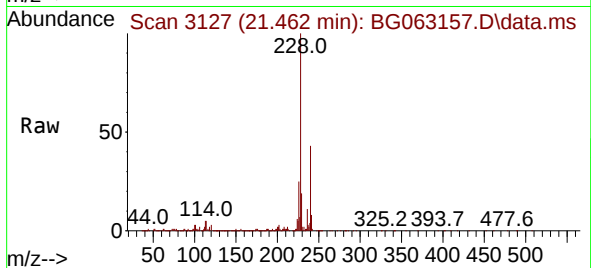
LOQ-SOIL-02-QT4-2024

Tgt Ion:228 Resp: 61588

Ion	Ratio	Lower	Upper
228	100		
226	25.0	23.5	35.3
229	19.3	16.2	24.2

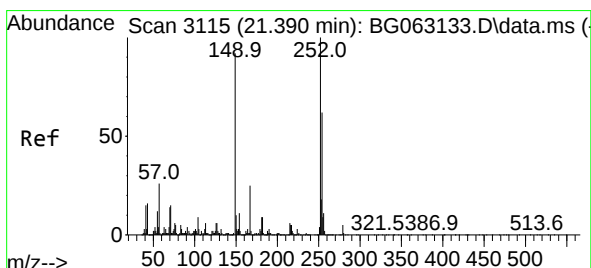
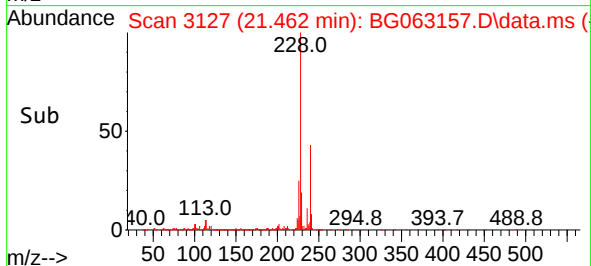
Manual Integrations
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Reviewed By :Jagrut
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ahmed

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#82

3,3'-Dichlorobenzidine

Concen: 9.100 ng

RT: 21.380 min Scan# 3113

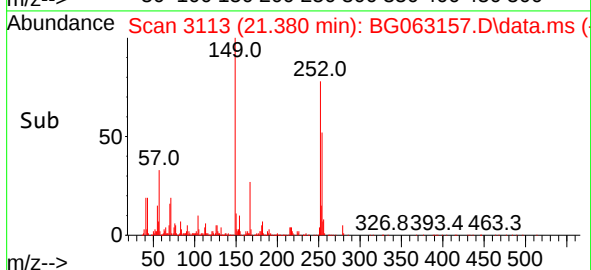
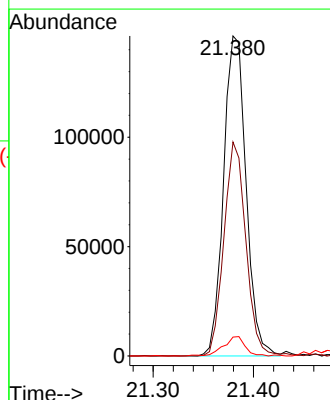
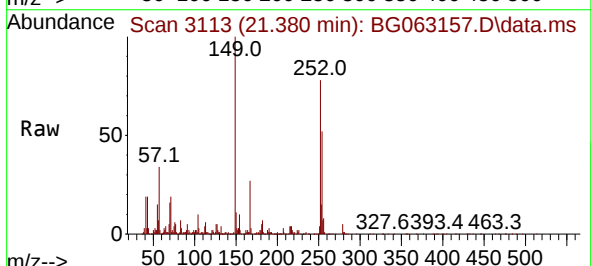
Delta R.T. -0.010 min

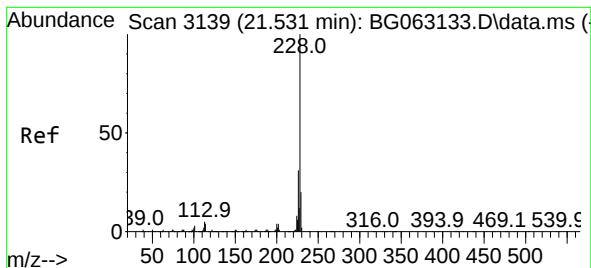
Lab File: BG063157.D

Acq: 4 Nov 2024 16:17

Tgt Ion:252 Resp: 228139

Ion	Ratio	Lower	Upper
252	100		
254	66.9	49.4	74.2
126	5.9	4.8	7.2





#83

Chrysene

Concen: 9.079 ng

RT: 21.521 min Scan# 3139

Delta R.T. -0.010 min

Lab File: BG063157.D

Acq: 4 Nov 2024 16:17

Instrument :

BNA_G

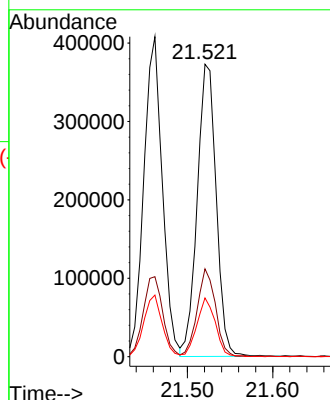
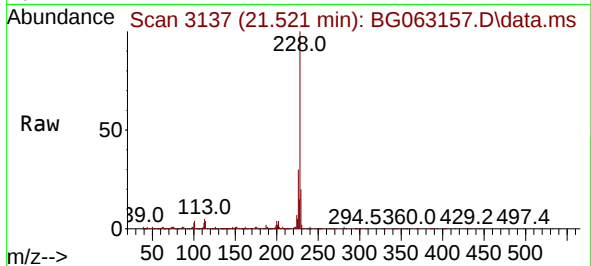
ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:228 Resp: 576670
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.8 37.2
 229 20.1 15.8 23.8

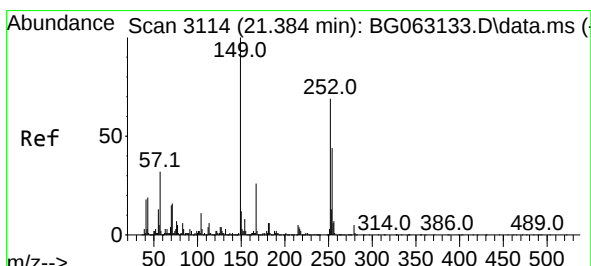
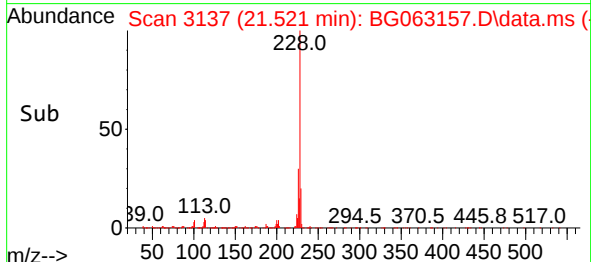
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 ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 8.780 ng

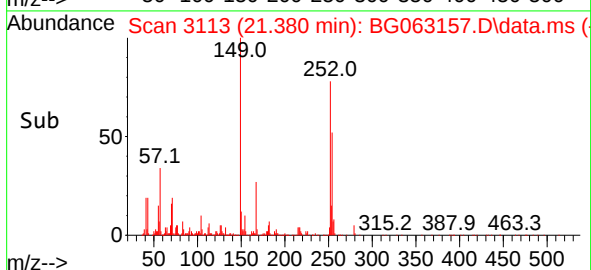
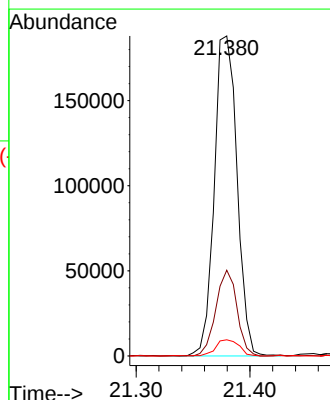
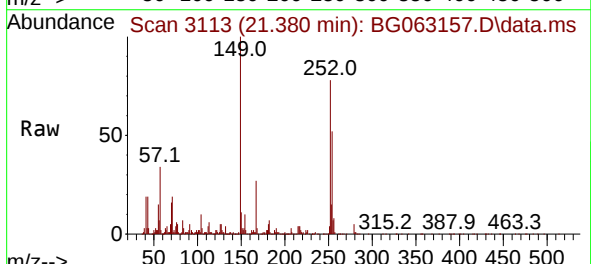
RT: 21.380 min Scan# 3113

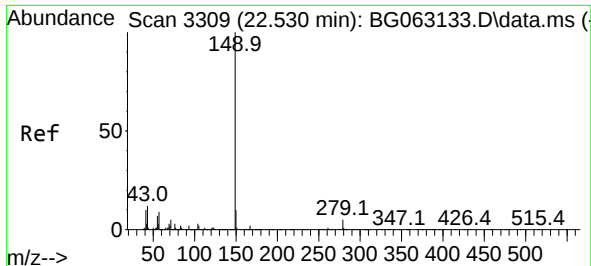
Delta R.T. -0.004 min

Lab File: BG063157.D

Acq: 4 Nov 2024 16:17

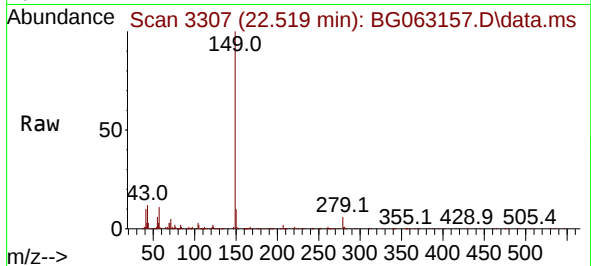
Tgt Ion:149 Resp: 261196
 Ion Ratio Lower Upper
 149 100
 167 26.8 20.6 31.0
 279 5.0 4.3 6.5





#85
Di-n-octyl phthalate
Concen: 8.733 ng
RT: 22.519 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

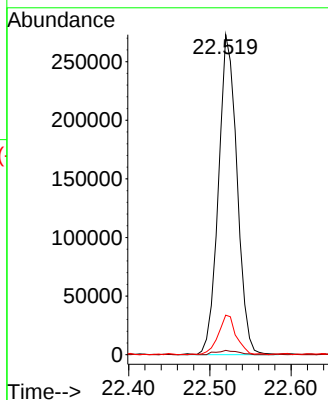
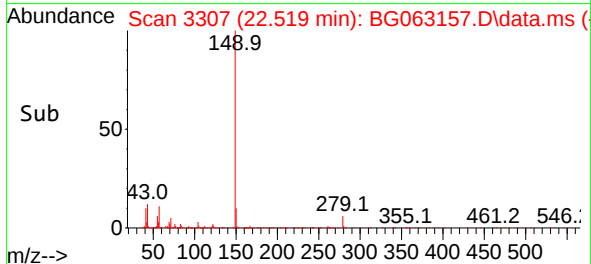
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:149 Resp: 43466
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 12.0 9.8 14.6

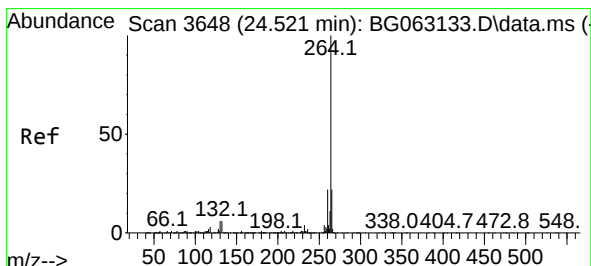
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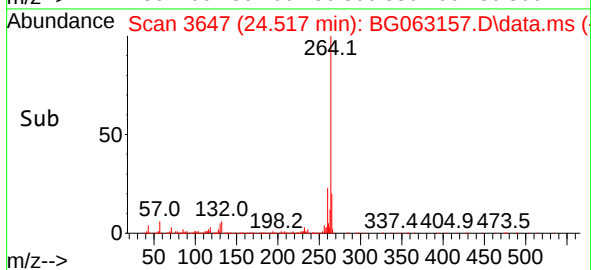
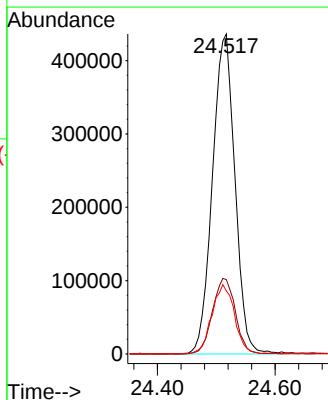
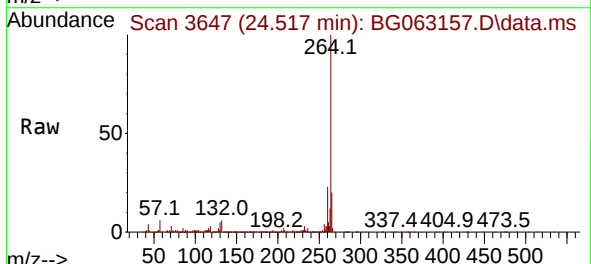
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ahmed

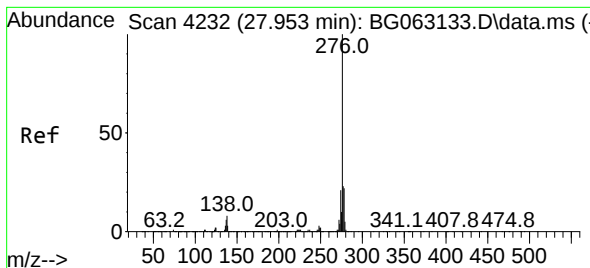
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.517 min Scan# 3647
Delta R.T. -0.004 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Tgt Ion:264 Resp: 1157175
Ion Ratio Lower Upper
264 100
260 23.2 17.4 26.2
265 19.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.166 ng

RT: 27.931 min Scan# 4228

Delta R.T. -0.022 min

Lab File: BG063157.D

Acq: 4 Nov 2024 16:17

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:276 Resp: 711919

Ion Ratio Lower Upper

276 100

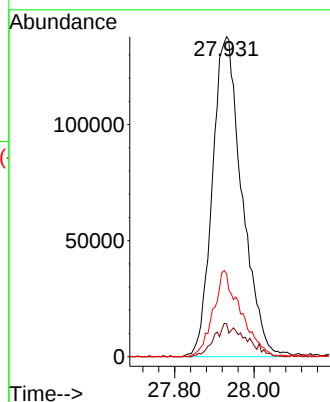
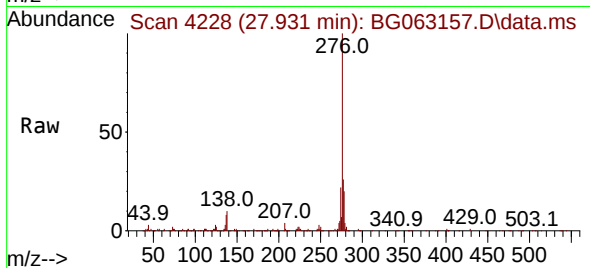
138 5.7 8.3 12.5

277 25.2 19.8 29.8

Manual Integrations

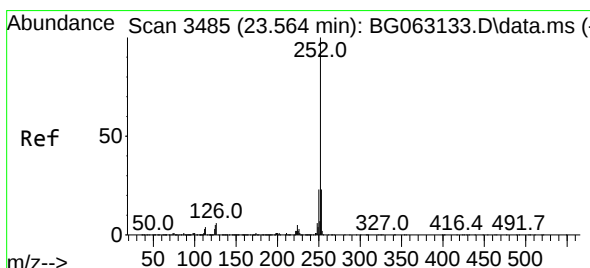
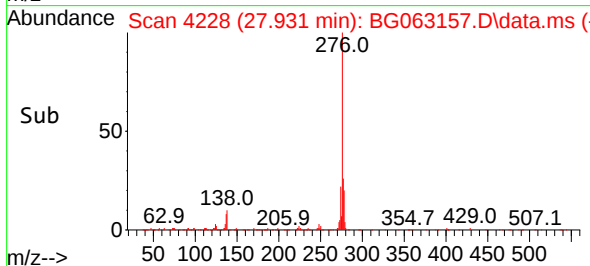
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#88

Benzo(b)fluoranthene

Concen: 8.859 ng

RT: 23.553 min Scan# 3483

Delta R.T. -0.010 min

Lab File: BG063157.D

Acq: 4 Nov 2024 16:17

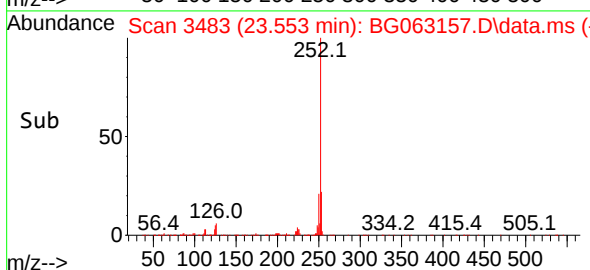
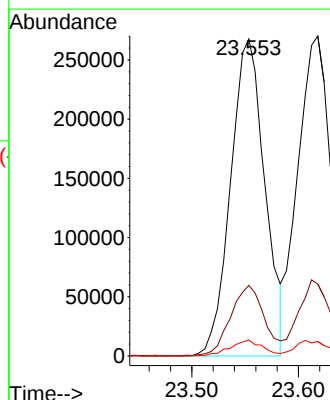
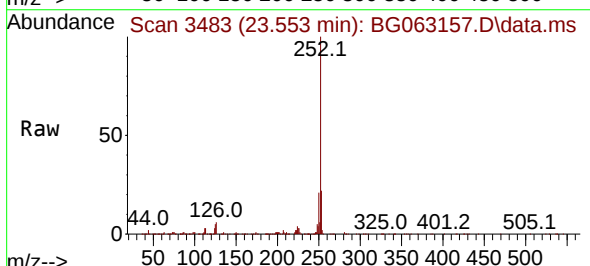
Tgt Ion:252 Resp: 597652

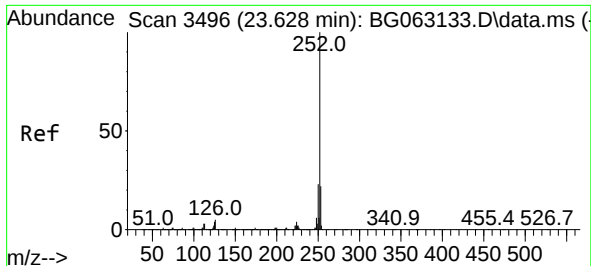
Ion Ratio Lower Upper

252 100

253 22.3 18.7 28.1

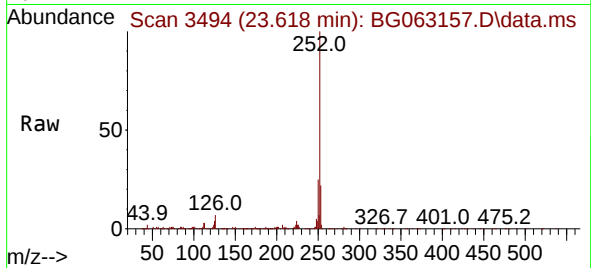
125 5.1 3.6 5.4





#89
Benzo(k)fluoranthene
Concen: 9.282 ng
RT: 23.618 min Scan# 3496
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

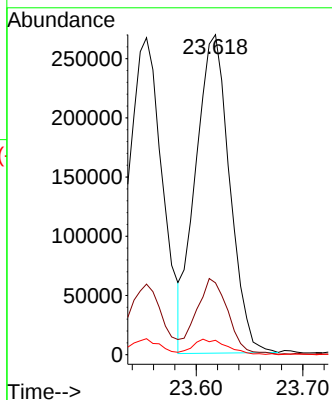
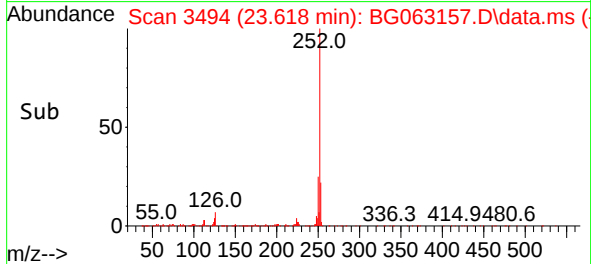
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:252 Resp: 597430
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 4.5 3.0 4.6

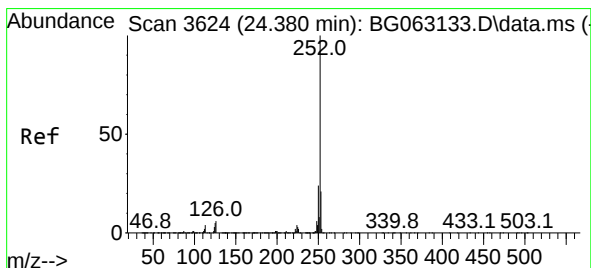
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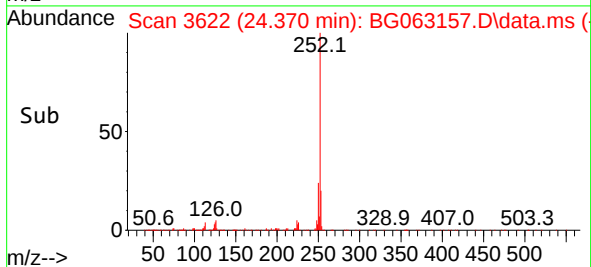
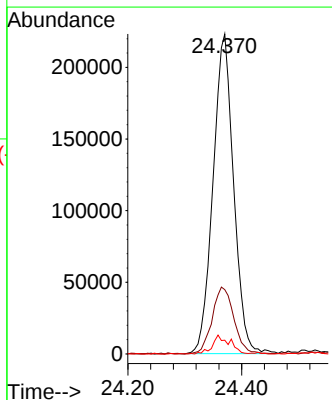
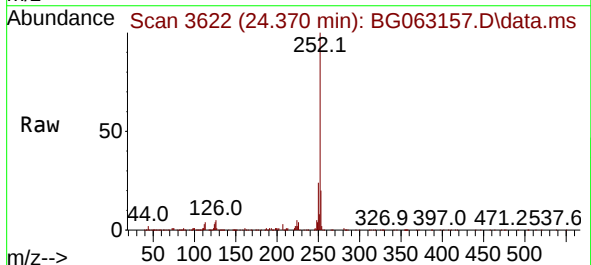
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Supervised By :mohammad
ahmed

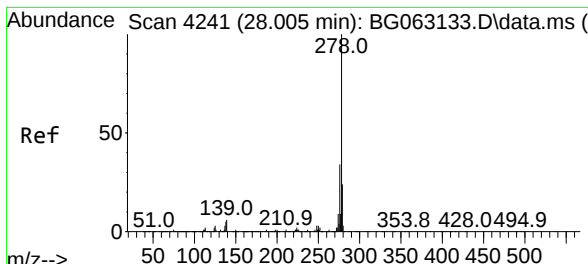
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#90
Benzo(a)pyrene
Concen: 9.521 ng
RT: 24.370 min Scan# 3622
Delta R.T. -0.010 min
Lab File: BG063157.D
Acq: 4 Nov 2024 16:17

Tgt Ion:252 Resp: 560669
Ion Ratio Lower Upper
252 100
253 20.1 16.9 25.3
125 4.3 3.7 5.5





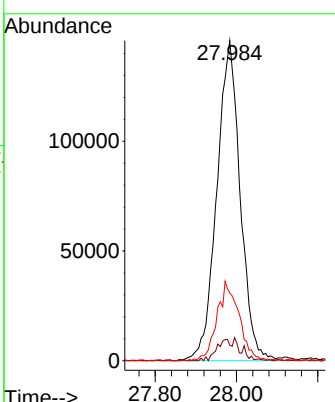
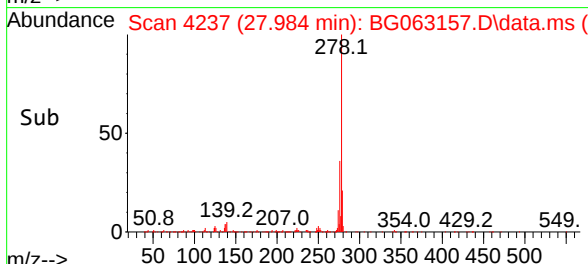
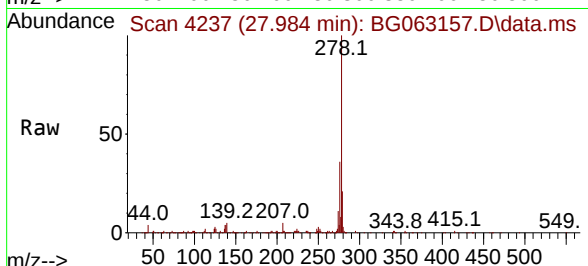
#91
 Dibenzo(a,h)anthracene
 Concen: 8.998 ng
 RT: 27.984 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: BG063157.D
 Acq: 4 Nov 2024 16:17

Instrument : BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Tgt Ion: 278 Resp: 583329

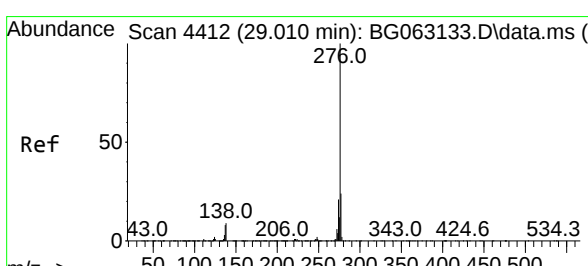
Ion	Ratio	Lower	Upper
278	100		
139	4.9	5.0	7.6
279	21.1	19.2	28.8

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 Supervised By :mohammad ahmed

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#92
 Benzo(g,h,i)perylene
 Concen: 8.555 ng
 RT: 28.994 min Scan# 4409
 Delta R.T. -0.016 min
 Lab File: BG063157.D
 Acq: 4 Nov 2024 16:17

Tgt Ion: 276 Resp: 548169

Ion	Ratio	Lower	Upper
276	100		
277	19.5	19.3	28.9
138	9.9	7.0	10.4

