

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
 Data File : BG062621.D
 Acq On : 3 Sep 2024 11:49
 Operator : MA/JU
 Sample : P3390-02
 Misc : LOQ--SOIL-5ng
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
 Supervised By :mohammad ahmed 09/06/2024

Quant Time: Sep 04 04:52:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	60800	20.000	ng	0.00
21) Naphthalene-d8	10.714	136	269921	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	224407	20.000	ng	0.00
64) Phenanthrene-d10	17.295	188	618166	20.000	ng	0.00
76) Chrysene-d12	21.537	240	635204	20.000	ng	0.00
86) Perylene-d12	24.610	264	697700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	326513	92.827	ng	0.00
7) Phenol-d6	7.089	99	479798	94.422	ng	0.00
23) Nitrobenzene-d5	9.075	82	378602	75.541	ng	0.00
42) 2,4,6-Tribromophenol	16.037	330	328355	103.972	ng	0.00
45) 2-Fluorobiphenyl	13.170	172	1046122	75.510	ng	0.00
79) Terphenyl-d14	19.909	244	2263713	70.663	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	7570	5.166	ng	94
3) Pyridine	3.810	79	16798	3.979	ng	98
4) n-Nitrosodimethylamine	3.716	42	9645	4.699	ng	# 69
6) Aniline	7.248	93	23885	5.031	ng	98
8) 2-Chlorophenol	7.488	128	15942	4.222	ng	93
9) Benzaldehyde	7.060	77	16824	5.692	ng	91
10) Phenol	7.112	94	21579	4.195	ng	89
11) bis(2-Chloroethyl)ether	7.342	93	16773	4.259	ng	99
12) 1,3-Dichlorobenzene	7.817	146	18127	4.374	ng	96
13) 1,4-Dichlorobenzene	7.958	146	17943	4.207	ng	96
14) 1,2-Dichlorobenzene	8.276	146	17514	4.178	ng	91
15) Benzyl Alcohol	8.158	79	15735	4.185	ng	# 89
16) 2,2'-oxybis(1-Chloropr...	8.440	45	32634	4.348	ng	98
17) 2-Methylphenol	8.364	107	13593	3.791	ng	# 89
18) Hexachloroethane	8.998	117	6241	3.903	ng	95
19) n-Nitroso-di-n-propyla...	8.716	70	16212	4.049	ng	# 91
20) 3+4-Methylphenols	8.687	107	18531	3.503	ng	92
22) Acetophenone	8.740	105	30843	4.236	ng	# 97
24) Nitrobenzene	9.116	77	23584	4.426	ng	96
25) Isophorone	9.633	82	47617	4.328	ng	# 96
26) 2-Nitrophenol	9.827	139	7652	3.800	ng	97
27) 2,4-Dimethylphenol	9.892	122	14537m	4.927	ng	
28) bis(2-Chloroethoxy)met...	10.121	93	25585	4.344	ng	# 96
29) 2,4-Dichlorophenol	10.362	162	17027	4.128	ng	93
30) 1,2,4-Trichlorobenzene	10.579	180	20480	4.188	ng	100
31) Naphthalene	10.767	128	57803	4.321	ng	99
32) Benzoic acid	9.950	122	7775m	2.450	ng	
33) 4-Chloroaniline	10.873	127	23319	4.429	ng	# 92
34) Hexachlorobutadiene	11.055	225	14801	4.334	ng	# 84
35) Caprolactam	11.607	113	6913	4.347	ng	96
36) 4-Chloro-3-methylphenol	11.995	107	20051	4.030	ng	94
37) 2-Methylnaphthalene	12.371	142	43896	4.230	ng	94
38) 1-Methylnaphthalene	12.588	142	42975m	4.124	ng	
40) 1,2,4,5-Tetrachloroben...	12.741	216	30790	4.562	ng	99
41) Hexachlorocyclopentadiene	12.723	237	5213	2.707	ng	95
43) 2,4,6-Trichlorophenol	12.982	196	17960	4.198	ng	94

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 Misc : LOQ--SOIL-5ng
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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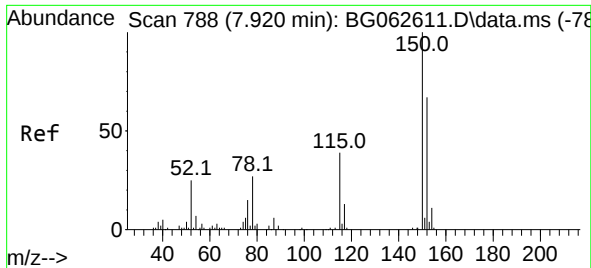
Quant Time: Sep 04 04:52:46 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.053	196	20033	4.135	ng	# 95
46) 1,1'-Biphenyl	13.382	154	70265	4.693	ng	99
47) 2-Chloronaphthalene	13.423	162	52210	4.303	ng	96
48) 2-Nitroaniline	13.622	65	12493	3.915	ng	89
49) Acenaphthylene	14.269	152	83834	4.666	ng	97
50) Dimethylphthalate	13.998	163	72814	4.437	ng	98
51) 2,6-Dinitrotoluene	14.116	165	11701	3.770	ng	94
52) Acenaphthene	14.610	154	50039	4.455	ng	95
53) 3-Nitroaniline	14.445	138	11894	3.960	ng	88
54) 2,4-Dinitrophenol	14.657	184	3671	2.108	ng	# 89
55) Dibenzofuran	14.944	168	89762	4.660	ng	98
56) 4-Nitrophenol	14.756	139	9555	3.754	ng	89
57) 2,4-Dinitrotoluene	14.903	165	15570	3.677	ng	95
58) Fluorene	15.597	166	69638	4.606	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.174	232	19931	4.343	ng	# 97
60) Diethylphthalate	15.362	149	71520	4.397	ng	98
61) 4-Chlorophenyl-phenyle...	15.591	204	41007	4.725	ng	95
62) 4-Nitroaniline	15.602	138	12690	3.832	ng	95
63) Azobenzene	15.879	77	66771	4.372	ng	99
65) 4,6-Dinitro-2-methylph...	15.667	198	8123	2.945	ng	83
66) n-Nitrosodiphenylamine	15.802	169	63451	4.269	ng	99
67) 4-Bromophenyl-phenylether	16.484	248	27465	4.305	ng	95
68) Hexachlorobenzene	16.601	284	33013	4.369	ng	# 92
69) Atrazine	16.748	200	27632	5.474	ng	99
70) Pentachlorophenol	16.942	266	13460	2.781	ng	96
71) Phenanthrene	17.330	178	131053	4.542	ng	97
72) Anthracene	17.424	178	124892	4.402	ng	100
73) Carbazole	17.688	167	114570	4.393	ng	98
74) Di-n-butylphthalate	18.258	149	121002	4.114	ng	98
75) Fluoranthene	19.345	202	165578	4.537	ng	97
77) Benzidine	19.527	184	34570	3.020	ng	97
78) Pyrene	19.704	202	176339	4.367	ng	98
80) Butylbenzylphthalate	20.602	149	42549	3.588	ng	97
81) Benzo(a)anthracene	21.519	228	177970	4.442	ng	98
82) 3,3'-Dichlorobenzidine	21.437	252	58661	4.495	ng	96
83) Chrysene	21.578	228	169507	4.417	ng	98
84) Bis(2-ethylhexyl)phtha...	21.437	149	70004	3.885	ng	# 99
85) Di-n-octyl phthalate	22.600	149	114809	3.639	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.070	276	193695	4.330	ng	# 93
88) Benzo(b)fluoranthene	23.634	252	163587	4.245	ng	97
89) Benzo(k)fluoranthene	23.699	252	167816	4.452	ng	98
90) Benzo(a)pyrene	24.463	252	149092	4.379	ng	99
91) Dibenzo(a,h)anthracene	28.123	278	160291	4.349	ng	99
92) Benzo(g,h,i)perylene	29.145	276	152536	4.105	ng	97

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



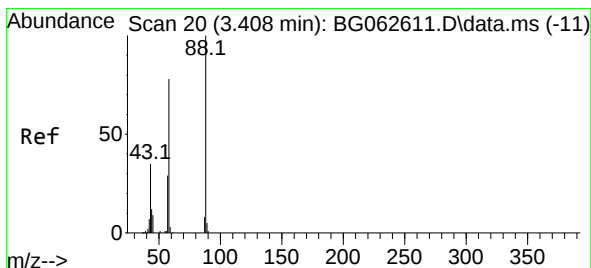
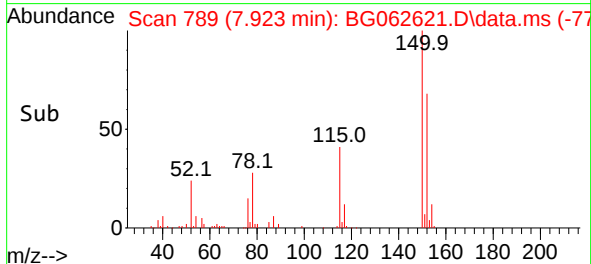
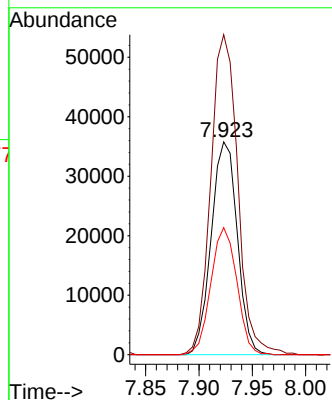
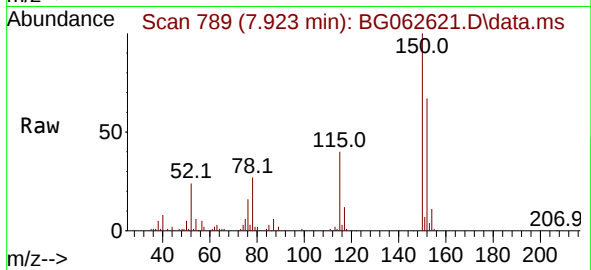
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 7
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Tgt Ion:152 Resp: 60800
Ion Ratio Lower Upper
152 100
150 150.3 119.9 179.9
115 59.7 46.6 69.8

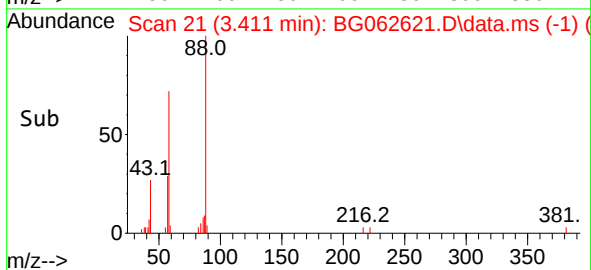
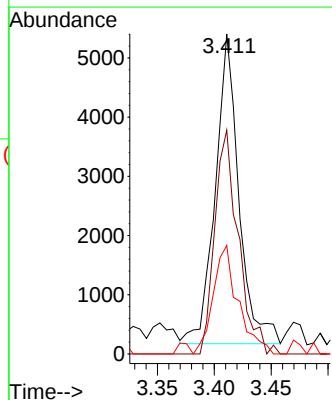
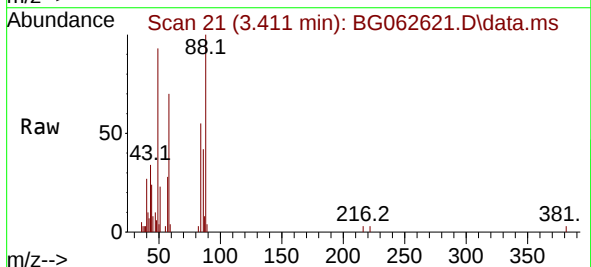
Manual Integrations
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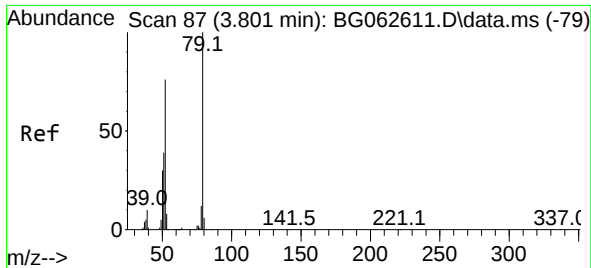
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#2
1,4-Dioxane
Concen: 5.166 ng
RT: 3.411 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

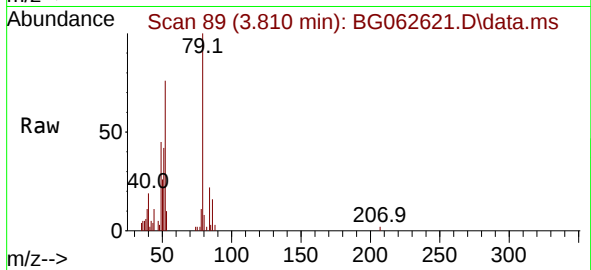
Tgt Ion: 88 Resp: 7570
Ion Ratio Lower Upper
88 100
58 71.9 62.3 93.5
43 37.0 27.5 41.3





#3
 Pyridine
 Concen: 3.979 ng
 RT: 3.810 min Scan# 89
 Delta R.T. 0.009 min
 Lab File: BG062621.D
 Acq: 3 Sep 2024 11:49

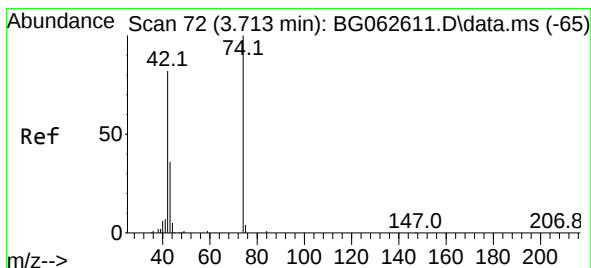
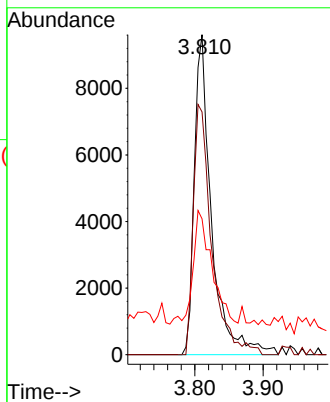
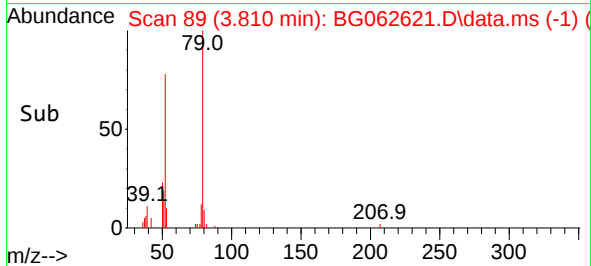
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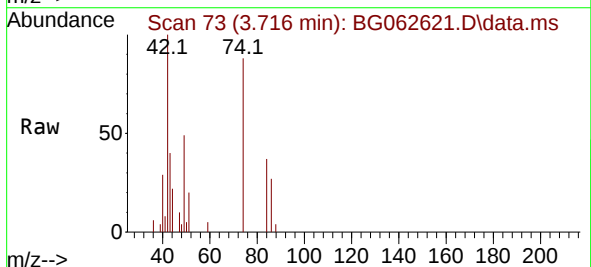
Tgt Ion: 79 Resp: 16798
 Ion Ratio Lower Upper
 79 100
 52 75.9 60.9 91.3
 51 42.5 31.5 47.3

Manual Integrations
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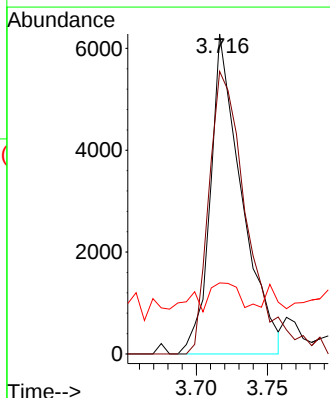
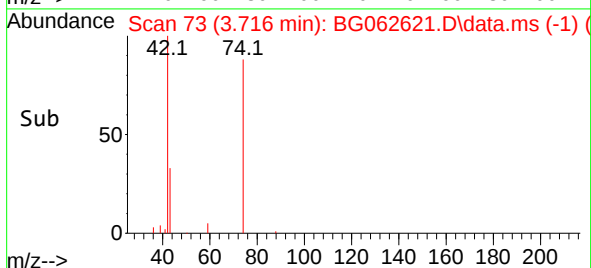
Reviewed By :Jagrut Upadhyay 09/04/2024
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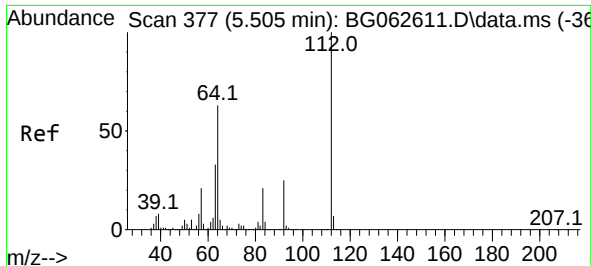


#4
 n-Nitrosodimethylamine
 Concen: 4.699 ng
 RT: 3.716 min Scan# 73
 Delta R.T. 0.003 min
 Lab File: BG062621.D
 Acq: 3 Sep 2024 11:49



Tgt Ion: 42 Resp: 9645
 Ion Ratio Lower Upper
 42 100
 74 88.3 98.0 147.0#
 44 22.2 7.4 11.2#





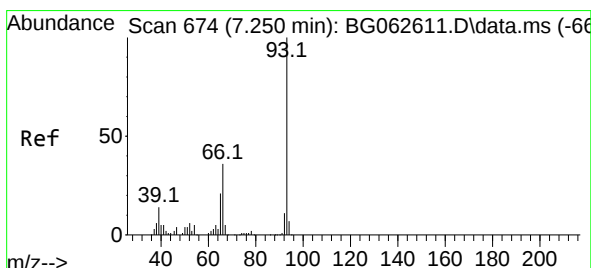
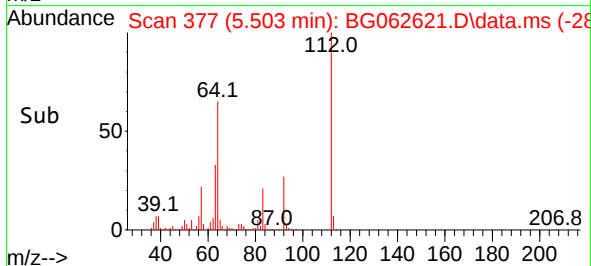
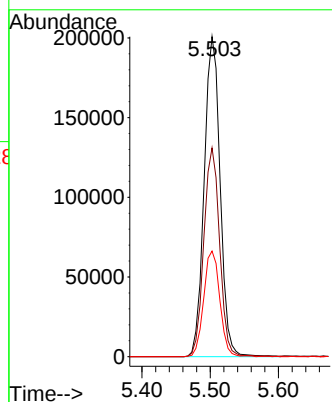
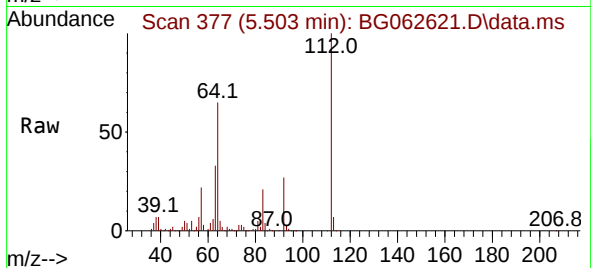
#5
2-Fluorophenol
Concen: 92.827 ng
RT: 5.503 min Scan# 377
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Tgt Ion: 112 Resp: 32651
Ion Ratio Lower Upper
112 100
64 65.2 50.2 75.2
63 33.0 26.6 39.8

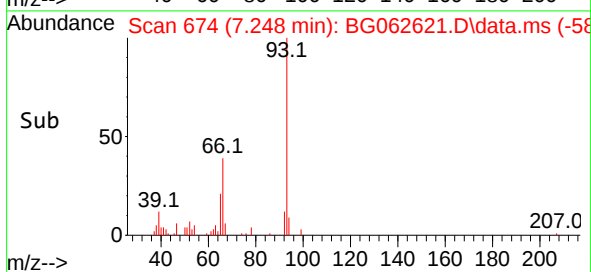
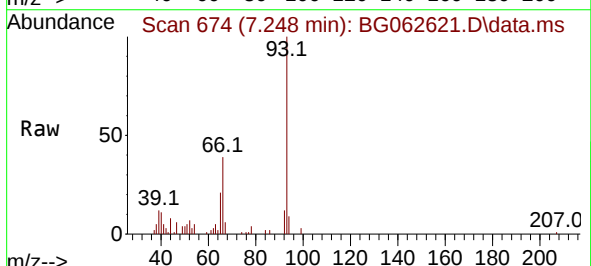
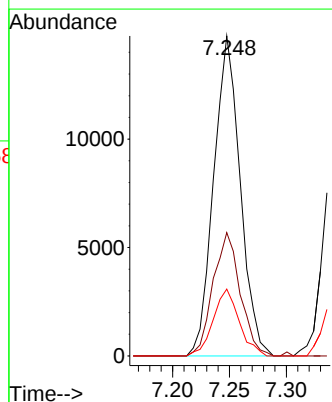
Manual Integrations
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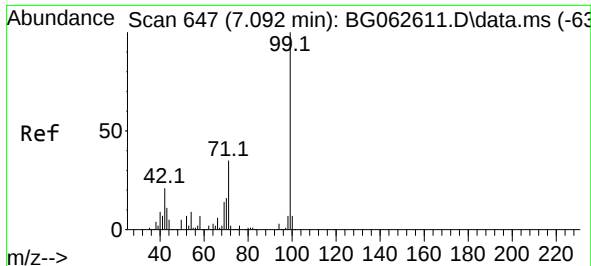
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#6
Aniline
Concen: 5.031 ng
RT: 7.248 min Scan# 674
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

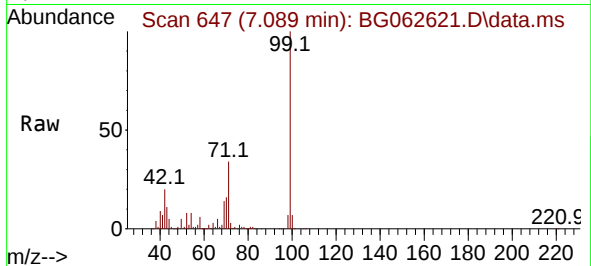
Tgt Ion: 93 Resp: 23885
Ion Ratio Lower Upper
93 100
66 38.6 29.1 43.7
65 20.9 16.6 25.0





#7
Phenol-d6
Concen: 94.422 ng
RT: 7.089 min Scan# 647
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

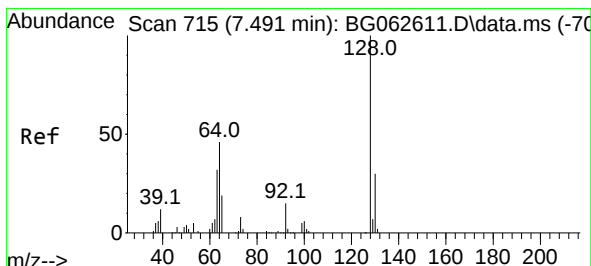
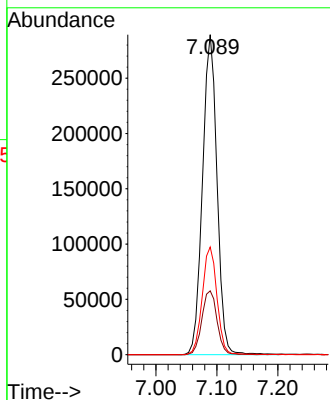
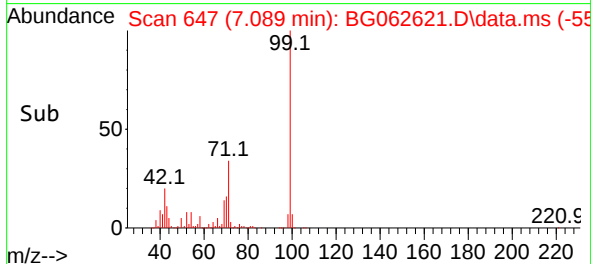
Instrument :
BNA_G
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LOQ-SOIL-02-QT3-2024



Tgt Ion: 99 Resp: 479798
Ion Ratio Lower Upper
99 100
42 19.9 16.9 25.3
71 33.6 27.9 41.9

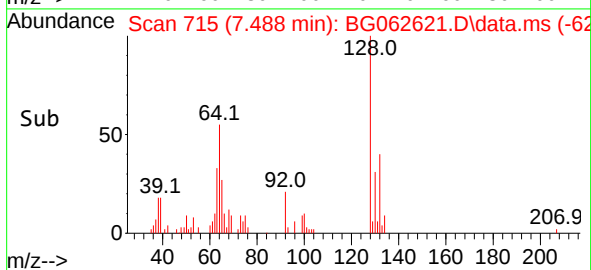
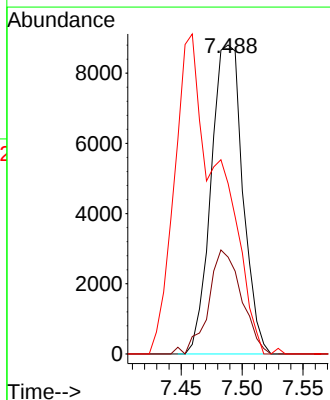
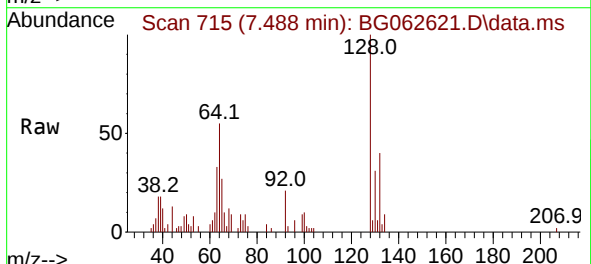
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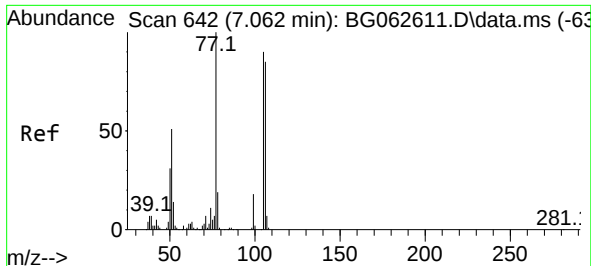
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#8
2-Chlorophenol
Concen: 4.222 ng
RT: 7.488 min Scan# 715
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

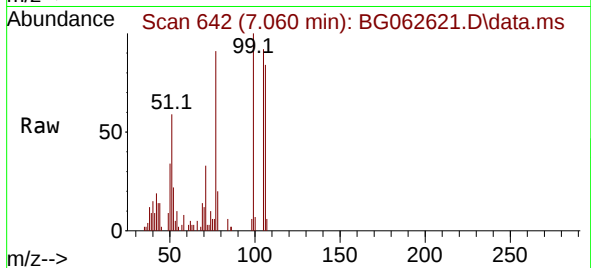
Tgt Ion:128 Resp: 15942
Ion Ratio Lower Upper
128 100
130 31.3 10.0 50.0
64 55.2 28.8 68.8





#9
Benzaldehyde
Concen: 5.692 ng
RT: 7.060 min Scan# 642
Delta R.T. -0.002 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

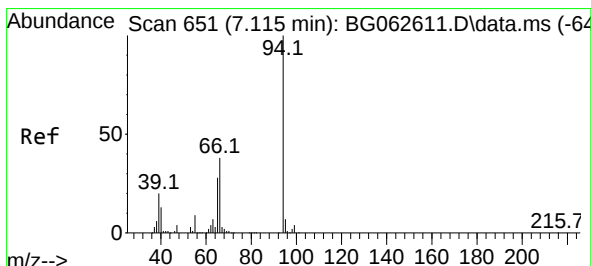
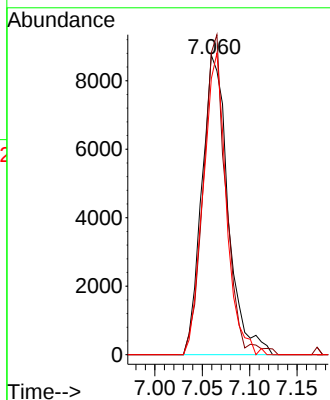
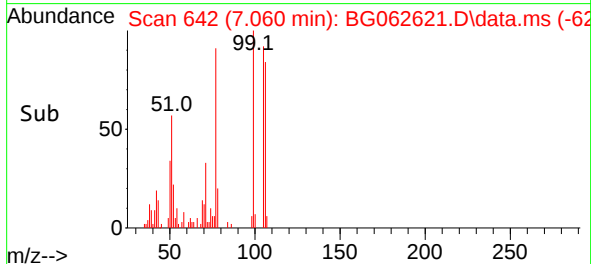
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 77 Resp: 16824
Ion Ratio Lower Upper
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105 100.8 70.2 110.2
106 92.1 65.4 105.4

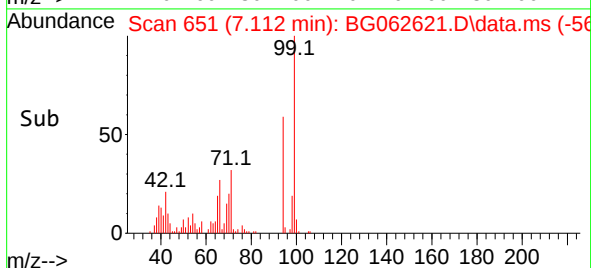
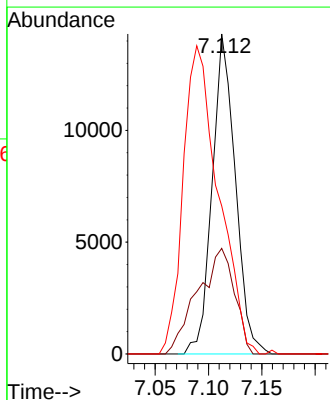
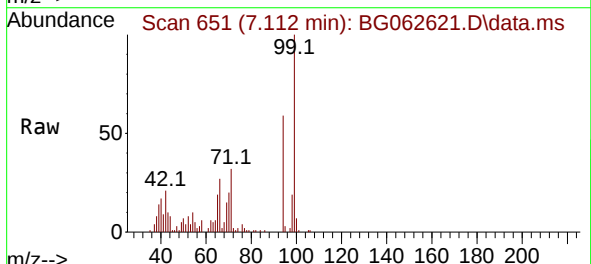
Manual Integrations
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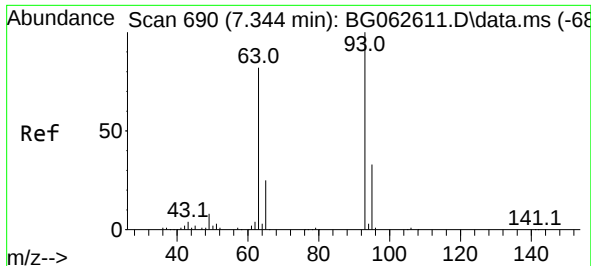
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Supervised By :mohammad ahmed 09/06/2024



#10
Phenol
Concen: 4.195 ng
RT: 7.112 min Scan# 651
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

Tgt Ion: 94 Resp: 21579
Ion Ratio Lower Upper
94 100
65 33.0 8.6 48.6
66 46.3 18.2 58.2





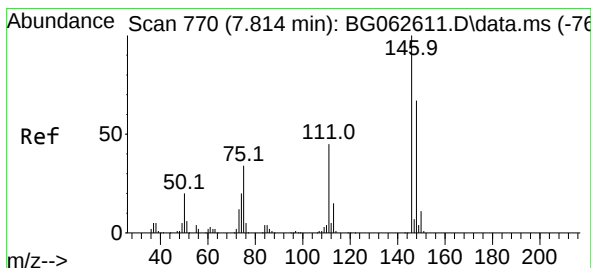
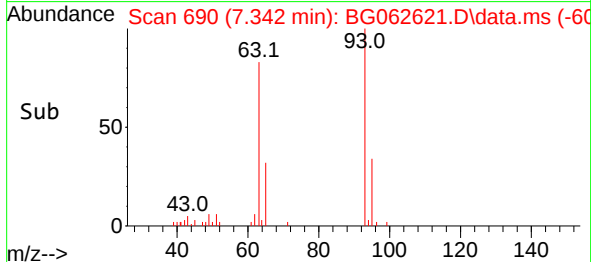
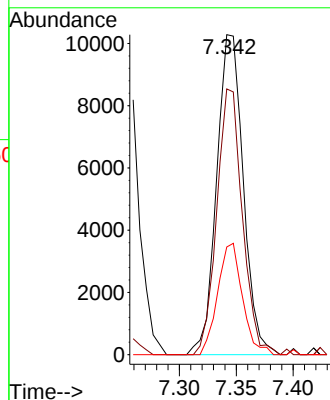
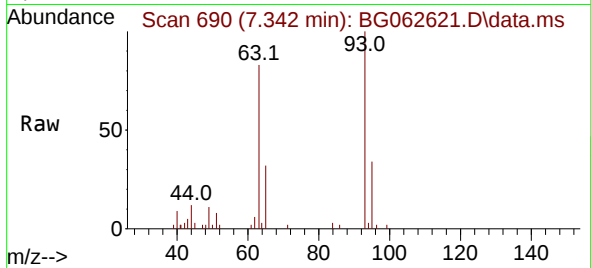
#11
bis(2-Chloroethyl)ether
Concen: 4.259 ng
RT: 7.342 min Scan# 690
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Tgt Ion: 93 Resp: 1677
Ion Ratio Lower Upper
93 100
63 83.0 61.9 101.9
95 33.7 12.9 52.9

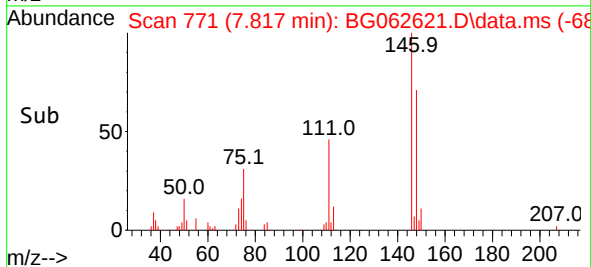
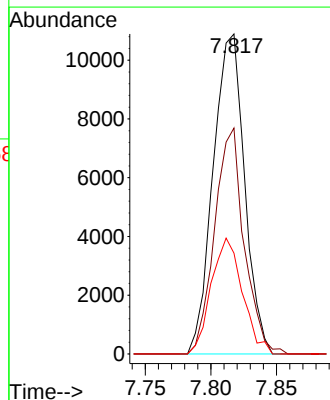
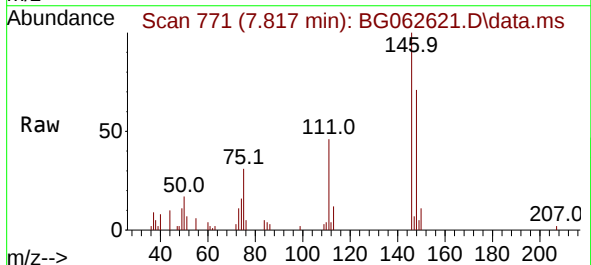
Manual Integrations
APPROVED

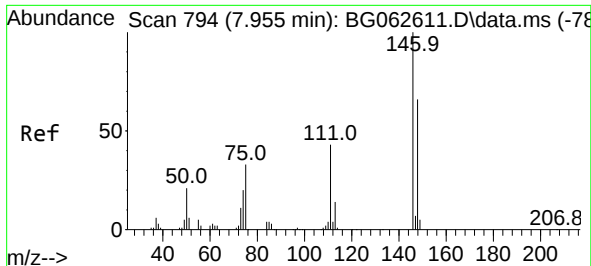
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#12
1,3-Dichlorobenzene
Concen: 4.374 ng
RT: 7.817 min Scan# 771
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

Tgt Ion:146 Resp: 18127
Ion Ratio Lower Upper
146 100
148 70.6 53.9 80.9
75 31.5 27.0 40.4





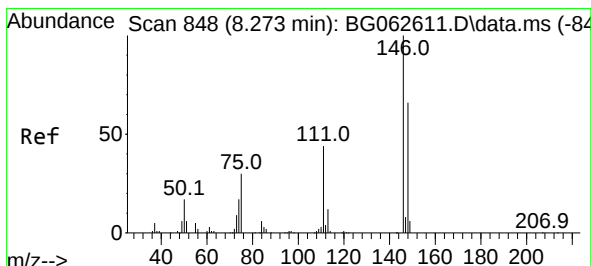
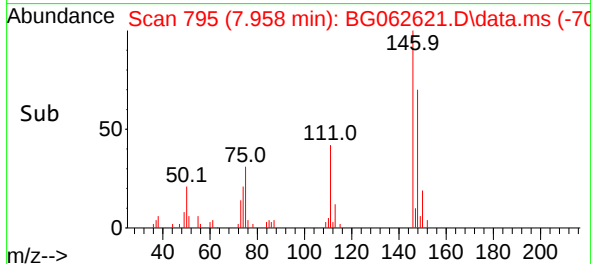
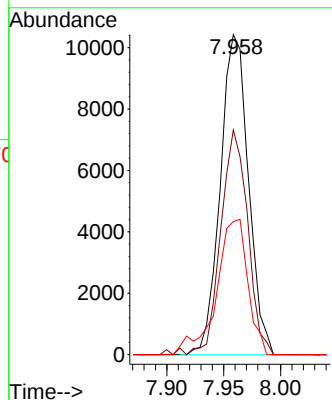
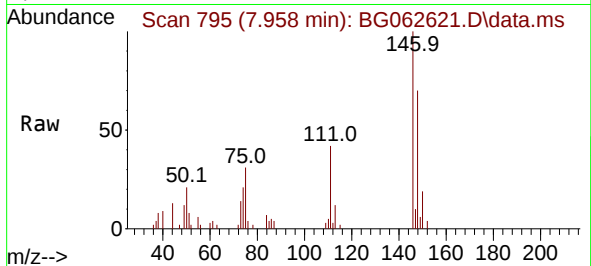
#13
1,4-Dichlorobenzene
Concen: 4.207 ng
RT: 7.958 min Scan# 794
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Tgt Ion:146 Resp: 1794
Ion Ratio Lower Upper
146 100
148 70.2 53.0 79.6
111 41.6 34.9 52.3

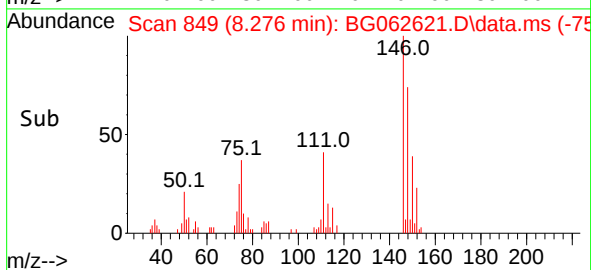
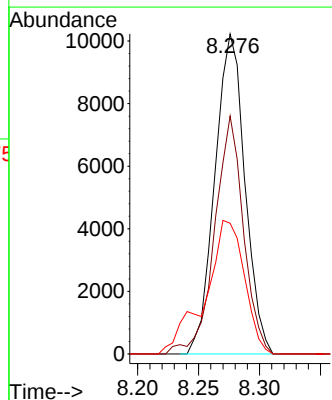
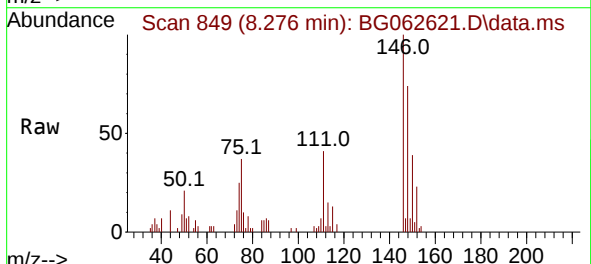
Manual Integrations
APPROVED

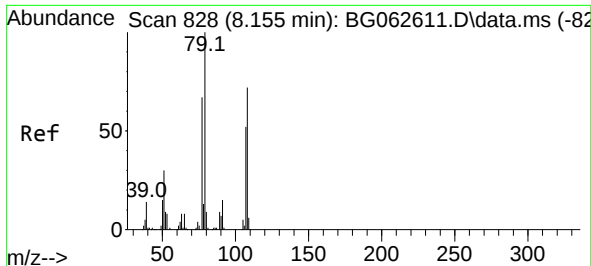
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#14
1,2-Dichlorobenzene
Concen: 4.178 ng
RT: 8.276 min Scan# 849
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

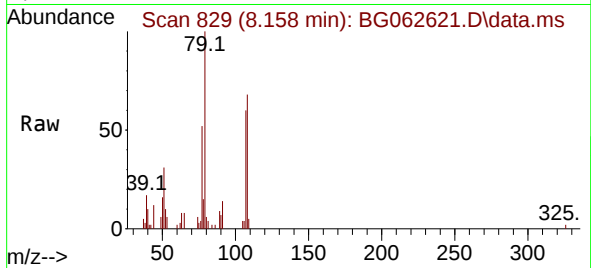
Tgt Ion:146 Resp: 17514
Ion Ratio Lower Upper
146 100
148 74.4 52.5 78.7
111 40.9 35.5 53.3





#15
Benzyl Alcohol
Concen: 4.185 ng
RT: 8.158 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

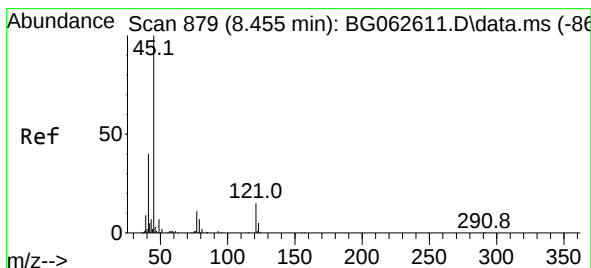
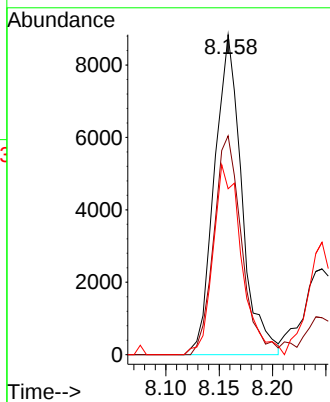
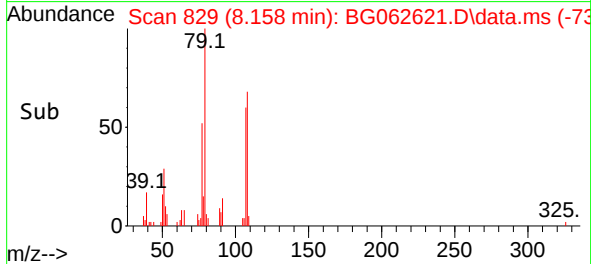
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 79 Resp: 1573
Ion Ratio Lower Upper
79 100
108 68.4 57.9 86.9
77 51.8 53.4 80.2

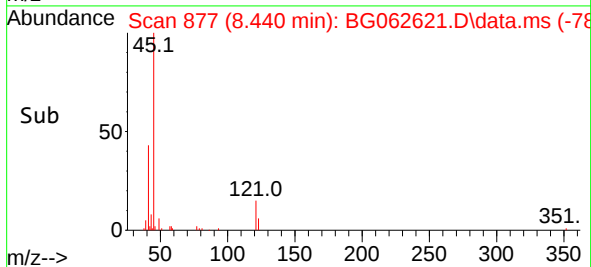
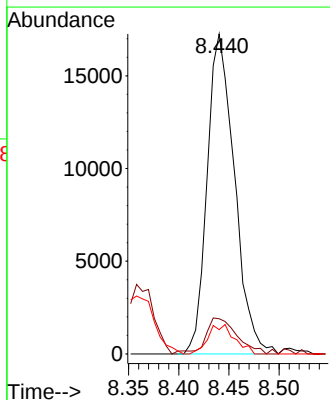
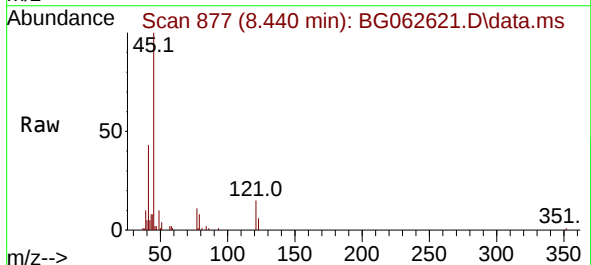
Manual Integrations
APPROVED

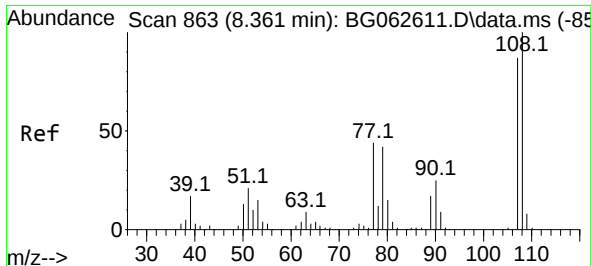
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.348 ng
RT: 8.440 min Scan# 877
Delta R.T. -0.014 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

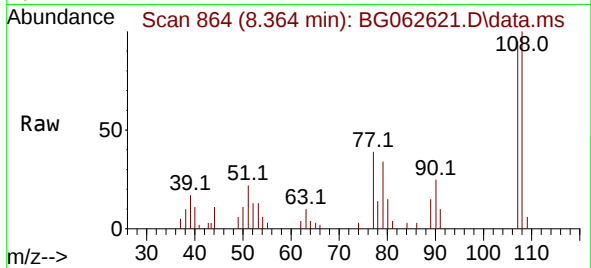
Tgt Ion: 45 Resp: 32634
Ion Ratio Lower Upper
45 100
77 11.0 0.0 31.7
79 7.6 0.0 28.3





#17
2-Methylphenol
Concen: 3.791 ng
RT: 8.364 min Scan# 864
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

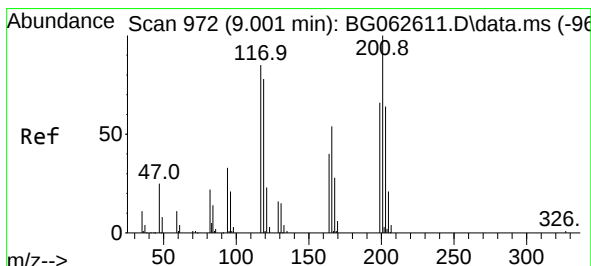
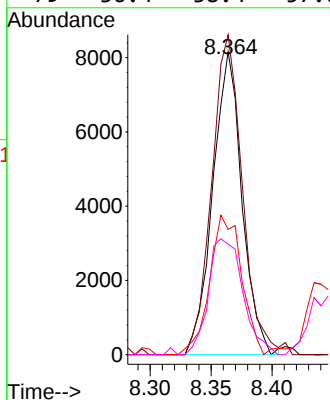
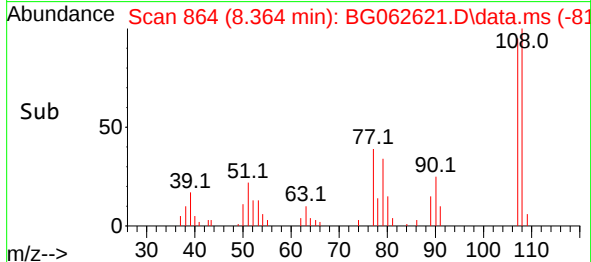
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:107 Resp: 1359
Ion Ratio Lower Upper
107 100
108 105.6 91.5 137.3
77 41.4 40.0 60.0
79 36.4 38.4 57.6#

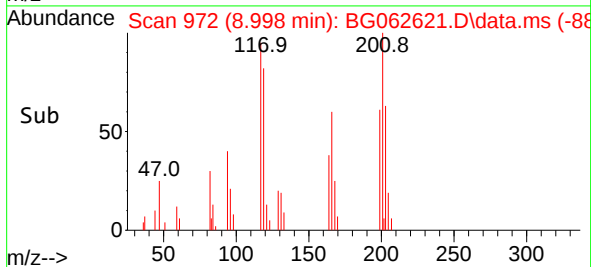
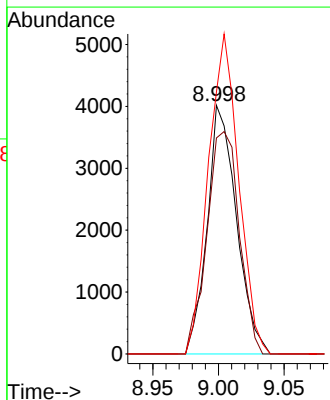
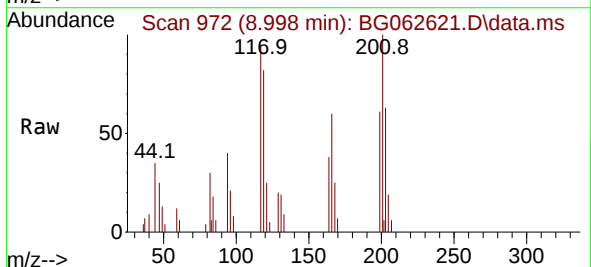
Manual Integrations
APPROVED

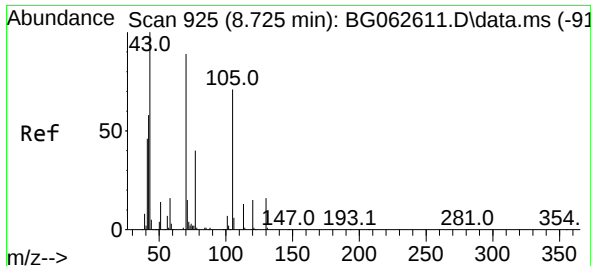
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#18
Hexachloroethane
Concen: 3.903 ng
RT: 8.998 min Scan# 972
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

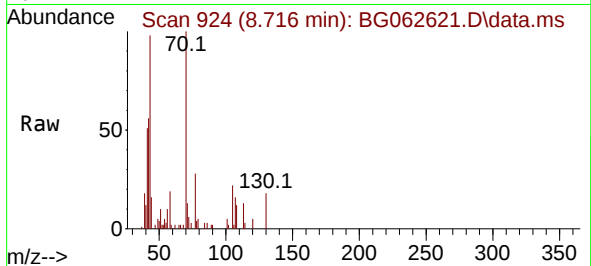
Tgt Ion:117 Resp: 6241
Ion Ratio Lower Upper
117 100
119 86.9 73.4 110.0
201 111.7 93.9 140.9





#19
n-Nitroso-di-n-propylamine
Concen: 4.049 ng
RT: 8.716 min Scan# 919
Delta R.T. -0.009 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

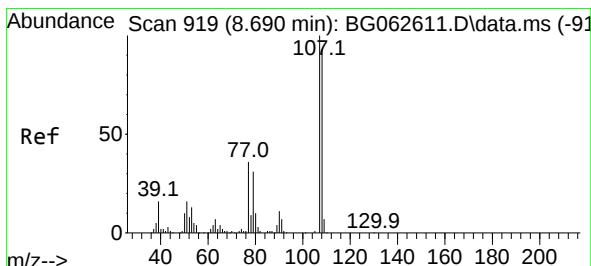
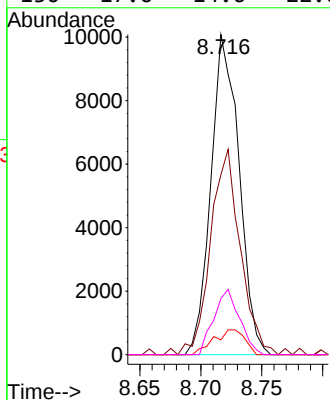
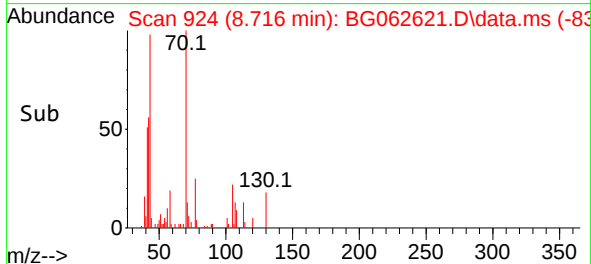
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



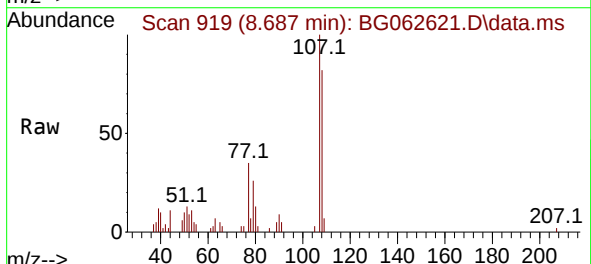
Tgt Ion: 70 Resp: 1621
Ion Ratio Lower Upper
70 100
42 56.3 52.3 78.5
101 4.7 6.6 9.8
130 17.6 14.6 22.0

Manual Integrations
APPROVED

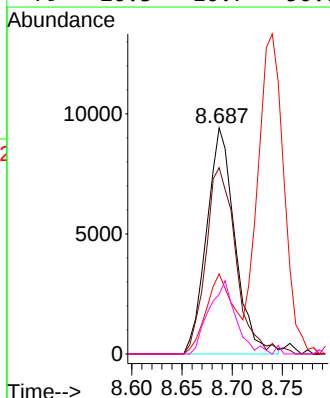
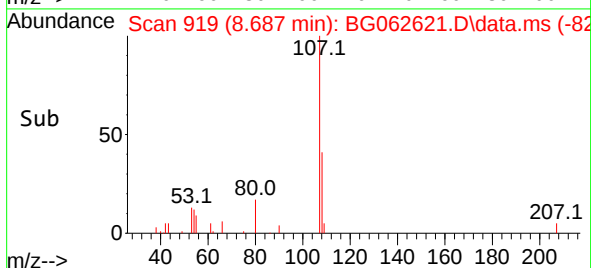
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

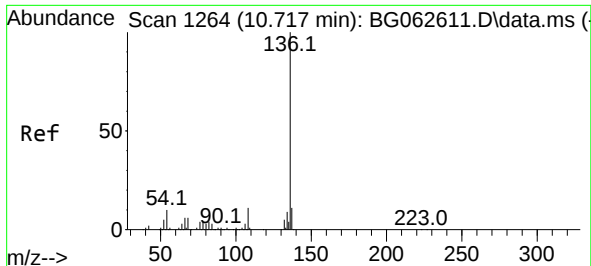


#20
3+4-Methylphenols
Concen: 3.503 ng
RT: 8.687 min Scan# 919
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49



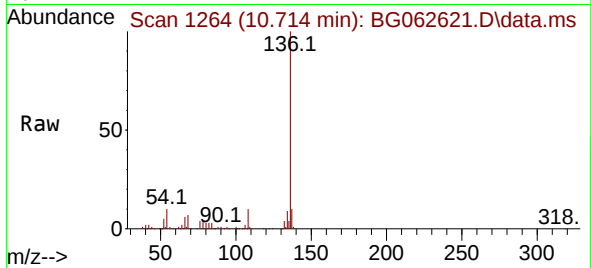
Tgt Ion:107 Resp: 18531
Ion Ratio Lower Upper
107 100
108 82.3 72.7 112.7
77 35.4 16.5 56.5
79 26.3 10.7 50.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.714 min Scan# 1264
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

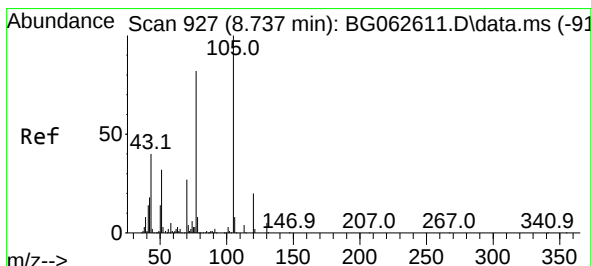
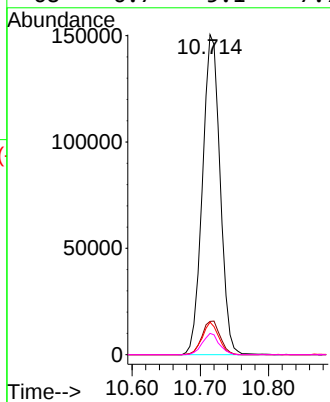
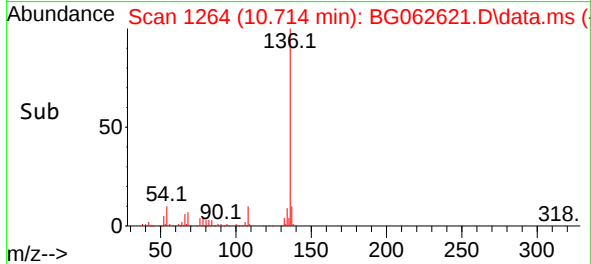
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion:136 Resp: 26992
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 10.1 7.8 11.6
68 6.7 5.1 7.7

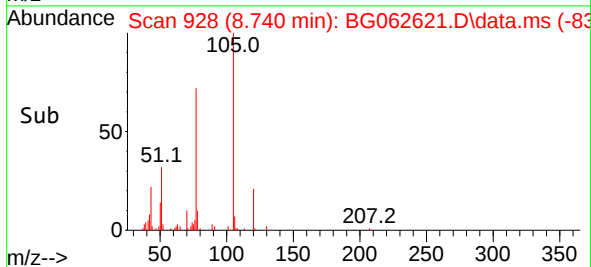
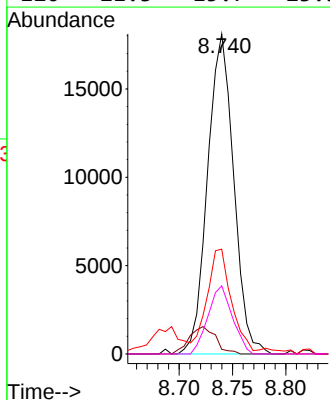
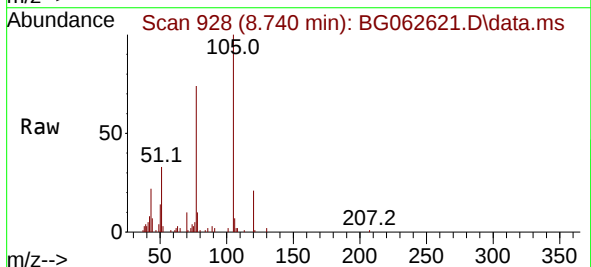
Manual Integrations
APPROVED

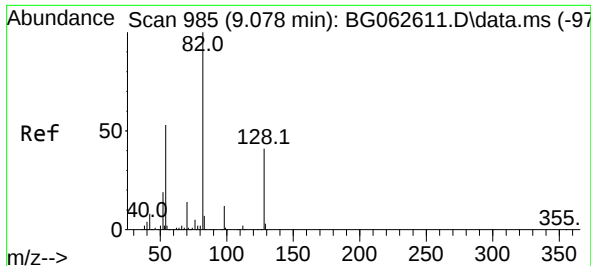
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#22
Acetophenone
Concen: 4.236 ng
RT: 8.740 min Scan# 928
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

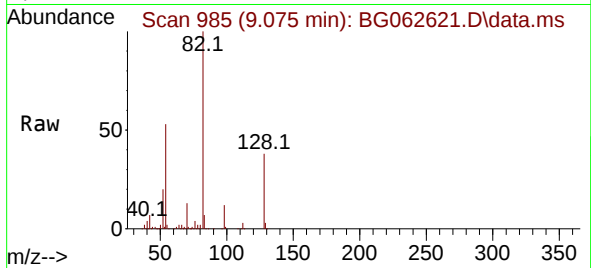
Tgt Ion:105 Resp: 30843
Ion Ratio Lower Upper
105 100
71 1.5 3.5 5.3#
51 32.8 25.7 38.5
120 21.3 15.7 23.5





#23
Nitrobenzene-d5
Concen: 75.541 ng
RT: 9.075 min Scan# 985
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

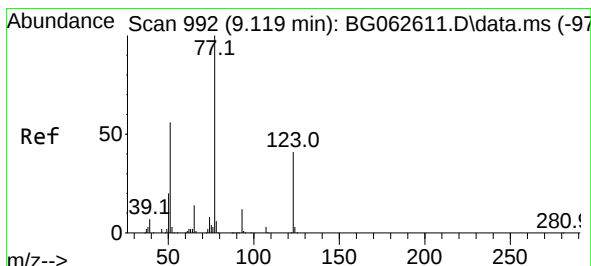
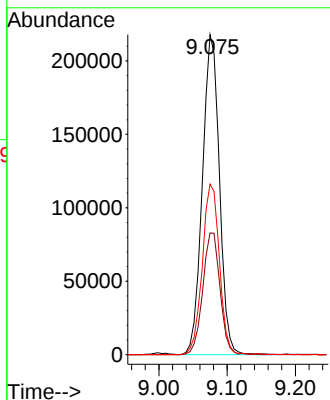
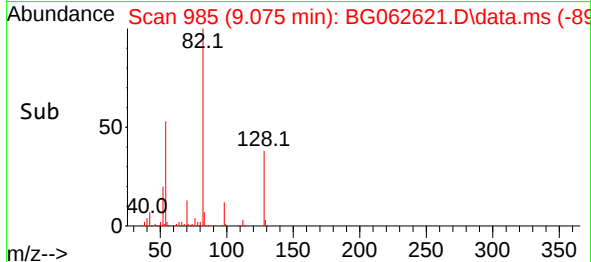
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



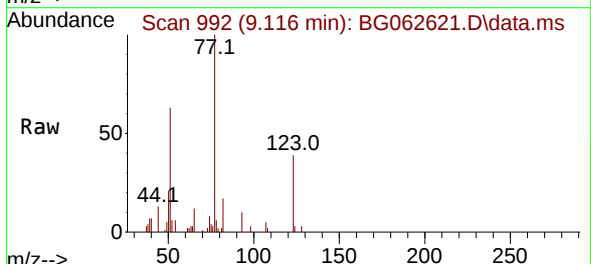
Tgt Ion: 82 Resp: 37860
Ion Ratio Lower Upper
82 100
128 38.1 32.5 48.7
54 53.3 42.5 63.7

Manual Integrations
APPROVED

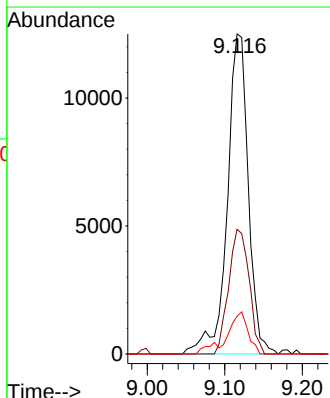
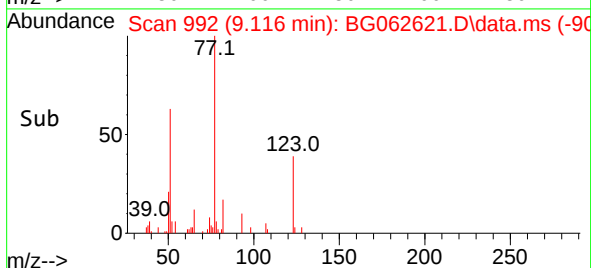
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

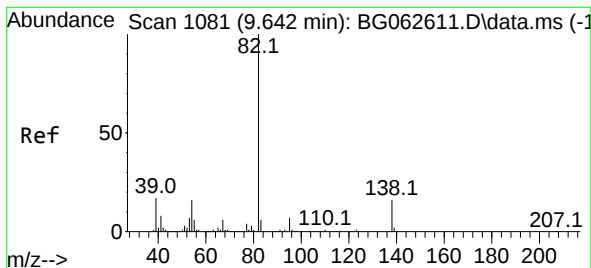


#24
Nitrobenzene
Concen: 4.426 ng
RT: 9.116 min Scan# 992
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49



Tgt Ion: 77 Resp: 23584
Ion Ratio Lower Upper
77 100
123 38.9 33.1 49.7
65 11.8 11.0 16.4





#25

Isophorone

Concen: 4.328 ng

RT: 9.633 min Scan# 1080

Delta R.T. -0.009 min

Lab File: BG062621.D

Acq: 3 Sep 2024 11:49

Instrument :

BNA_G

ClientSampleId :

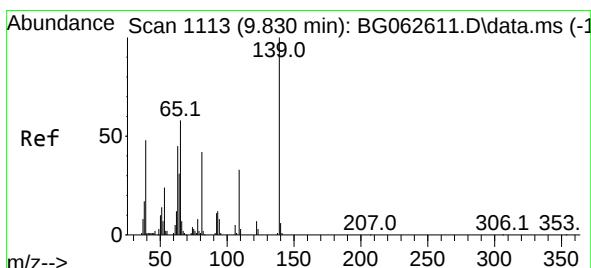
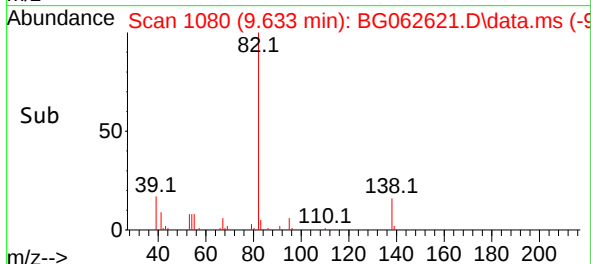
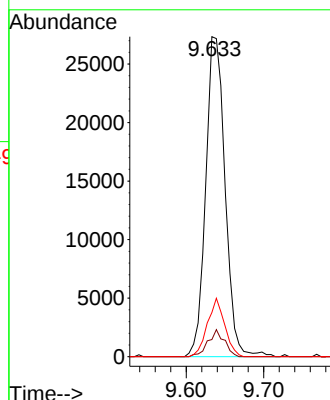
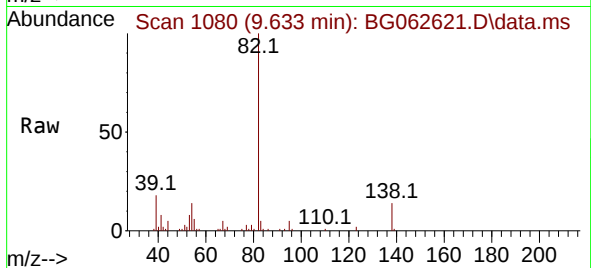
LOQ-SOIL-02-QT3-2024

Tgt Ion:	82	Resp:	4761
Ion Ratio	Lower	Upper	
82	100		
95	5.3	5.4	8.0
138	13.8	12.6	18.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#26

2-Nitrophenol

Concen: 3.800 ng

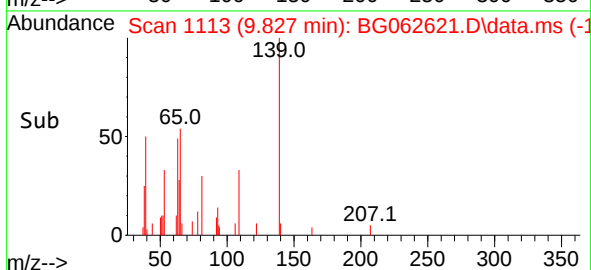
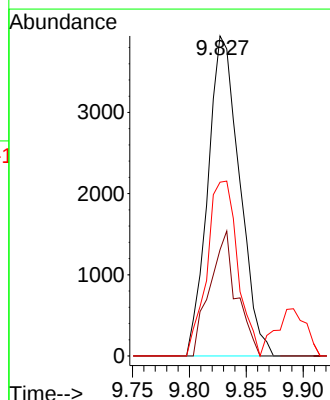
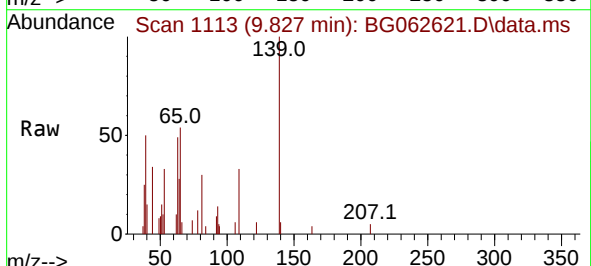
RT: 9.827 min Scan# 1113

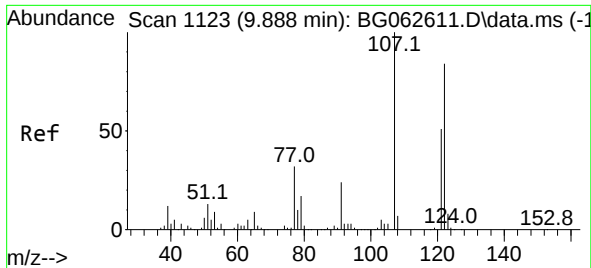
Delta R.T. -0.003 min

Lab File: BG062621.D

Acq: 3 Sep 2024 11:49

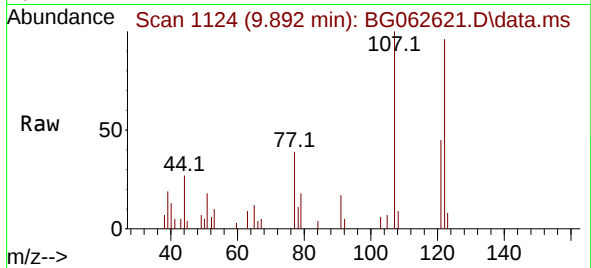
Tgt Ion:	139	Resp:	7652
Ion Ratio	Lower	Upper	
139	100		
109	33.2	26.6	39.8
65	54.3	46.5	69.7





#27
2,4-Dimethylphenol
Concen: 4.927 ng m
RT: 9.892 min Scan# 1123
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

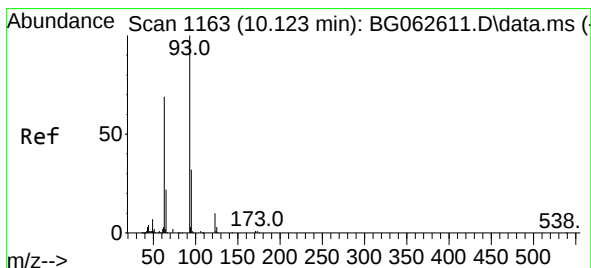
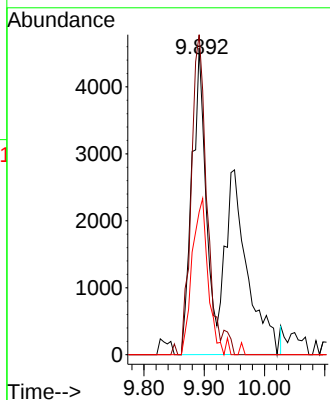
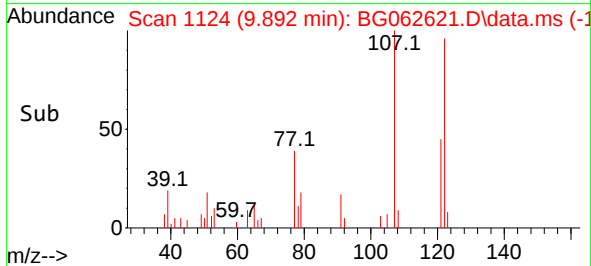
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:122 Resp: 1453
Ion Ratio Lower Upper
122 100
107 104.3 95.8 143.6
121 46.5 48.6 72.8

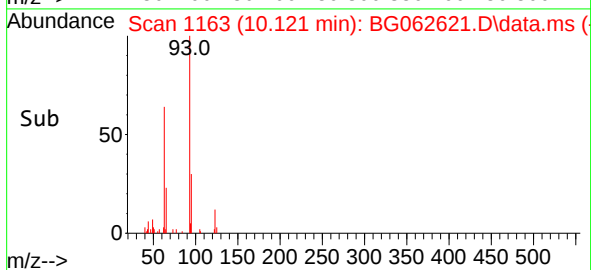
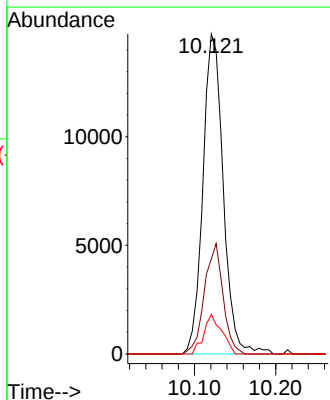
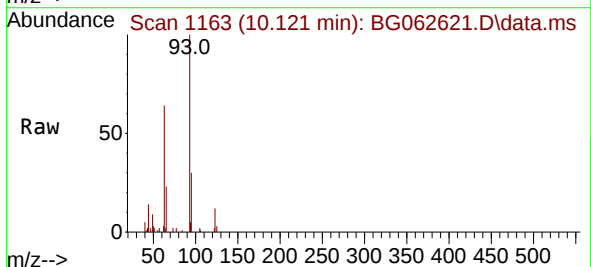
Manual Integrations
APPROVED

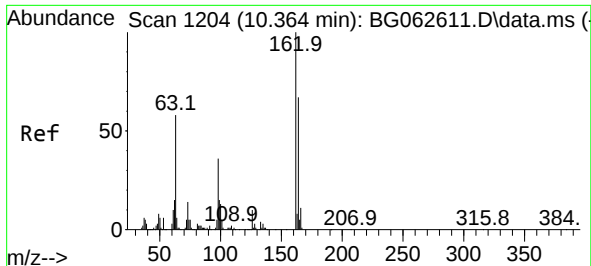
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#28
bis(2-Chloroethoxy)methane
Concen: 4.344 ng
RT: 10.121 min Scan# 1163
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

Tgt Ion: 93 Resp: 25585
Ion Ratio Lower Upper
93 100
95 29.7 25.4 38.0
123 12.4 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 4.128 ng

RT: 10.362 min Scan# 1204

Delta R.T. -0.003 min

Lab File: BG062621.D

Acq: 3 Sep 2024 11:49

Instrument :

BNA_G

ClientSampleId :

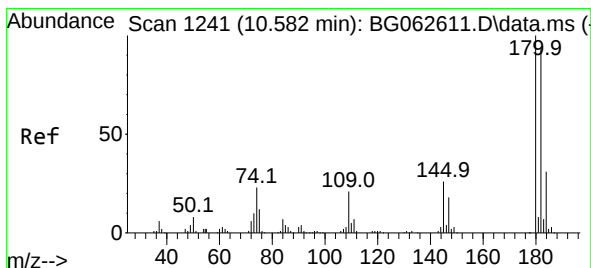
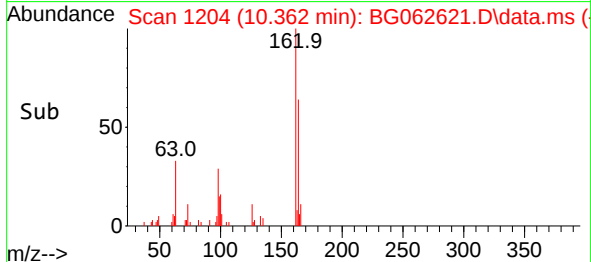
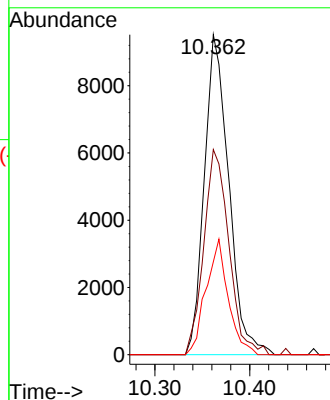
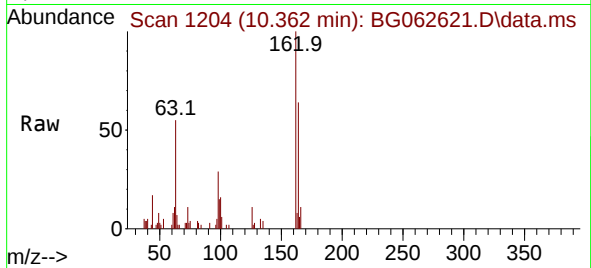
LOQ-SOIL-02-QT3-2024

Tgt Ion:162	Resp:	1702
Ion Ratio	Lower	Upper
162	100	
164	64.1	46.8 86.8
98	29.0	16.4 56.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#30

1,2,4-Trichlorobenzene

Concen: 4.188 ng

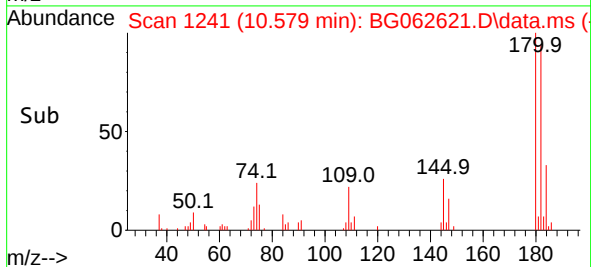
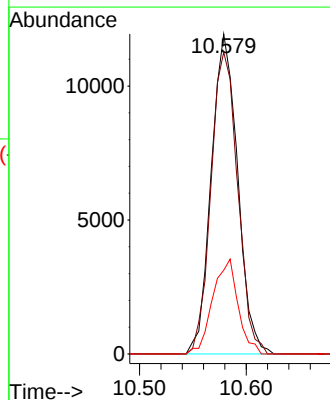
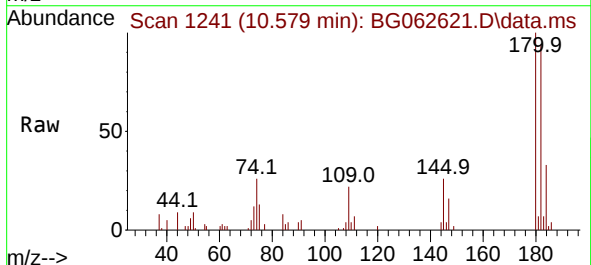
RT: 10.579 min Scan# 1241

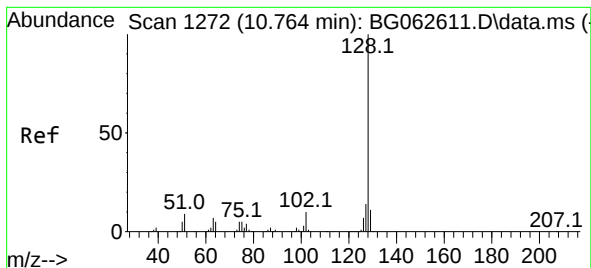
Delta R.T. -0.003 min

Lab File: BG062621.D

Acq: 3 Sep 2024 11:49

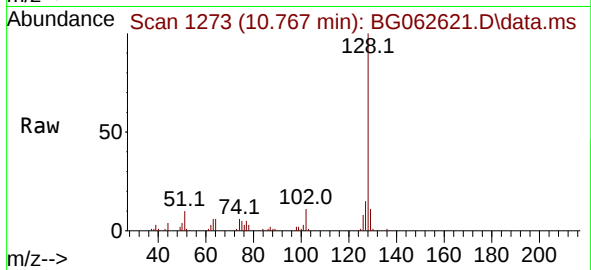
Tgt Ion:180	Resp:	20480
Ion Ratio	Lower	Upper
180	100	
182	94.3	75.1 112.7
145	26.2	20.8 31.2





#31
Naphthalene
Concen: 4.321 ng
RT: 10.767 min Scan# 1134
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

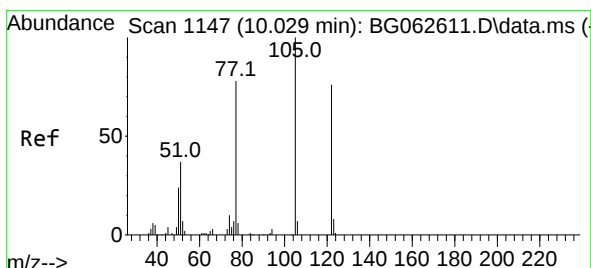
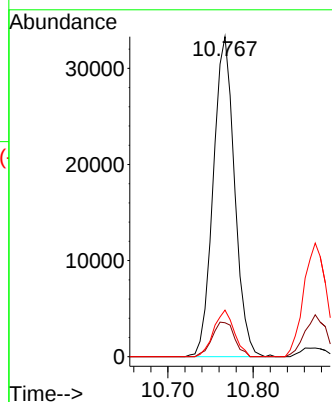
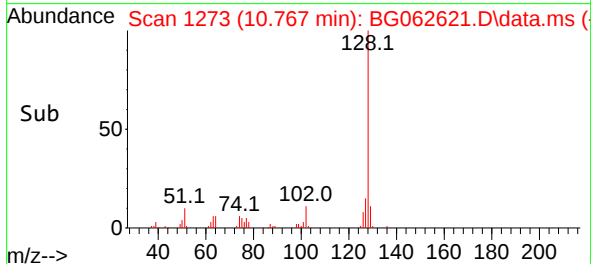
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:128 Resp: 5780
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 14.5 11.3 16.9

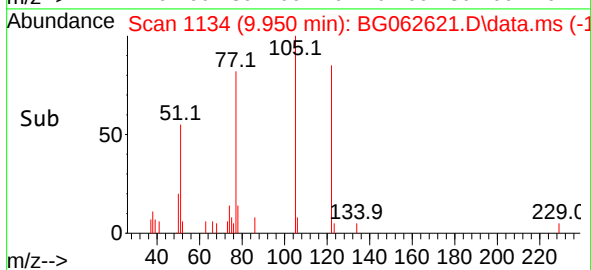
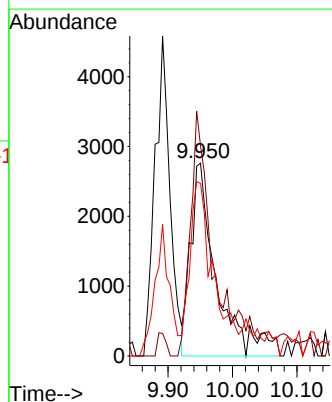
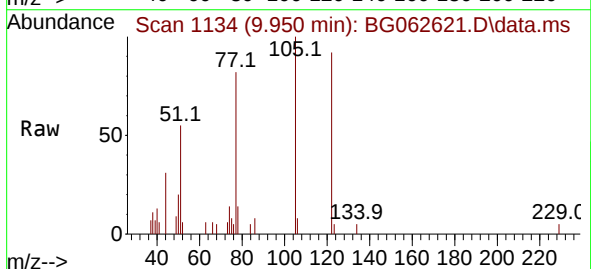
Manual Integrations
APPROVED

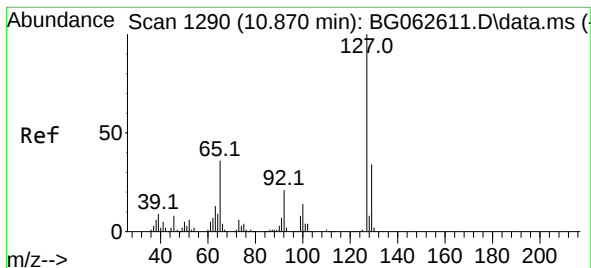
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#32
Benzoic acid
Concen: 2.450 ng m
RT: 9.950 min Scan# 1134
Delta R.T. -0.079 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

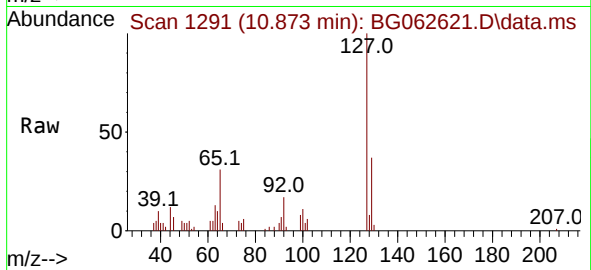
Tgt Ion:122 Resp: 7775
Ion Ratio Lower Upper
122 100
105 109.0 105.7 145.7
77 89.5 79.9 119.9





#33
4-Chloroaniline
Concen: 4.429 ng
RT: 10.873 min Scan# 1290
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

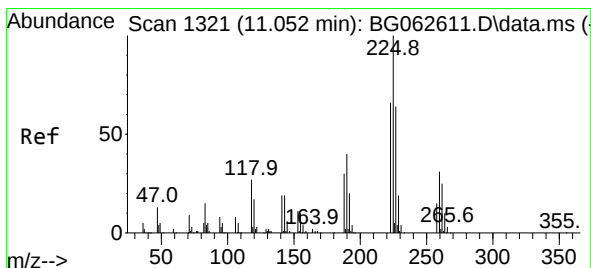
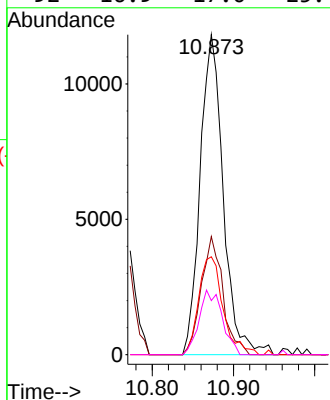
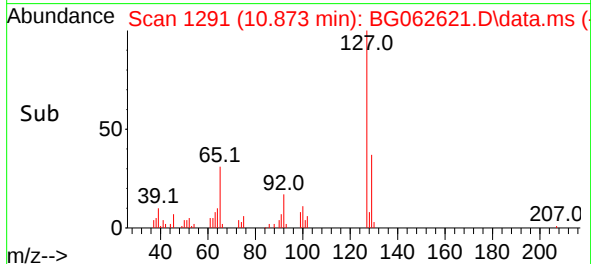
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:127 Resp: 23319
Ion Ratio Lower Upper
127 100
129 36.9 27.3 40.9
65 30.6 29.0 43.4
92 16.9 17.0 25.4#

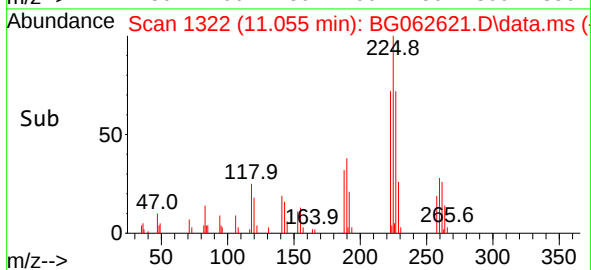
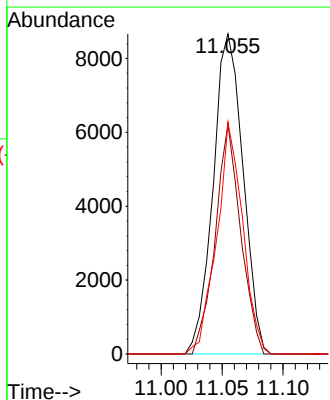
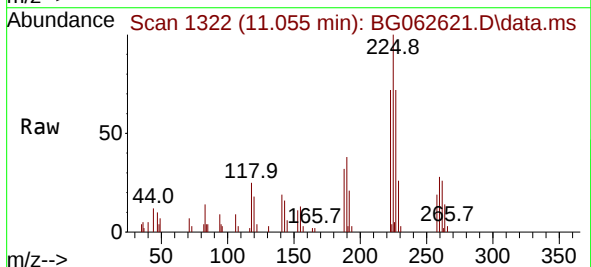
Manual Integrations
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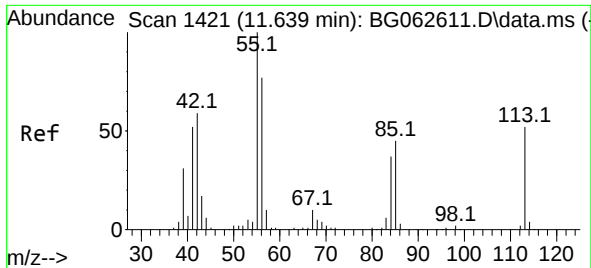
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#34
Hexachlorobutadiene
Concen: 4.334 ng
RT: 11.055 min Scan# 1322
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

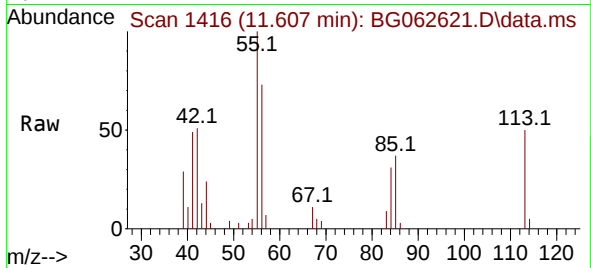
Tgt Ion:225 Resp: 14801
Ion Ratio Lower Upper
225 100
223 75.9 50.1 75.1#
227 72.4 48.9 73.3





#35
Caprolactam
Concen: 4.347 ng
RT: 11.607 min Scan# 1416
Delta R.T. -0.032 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

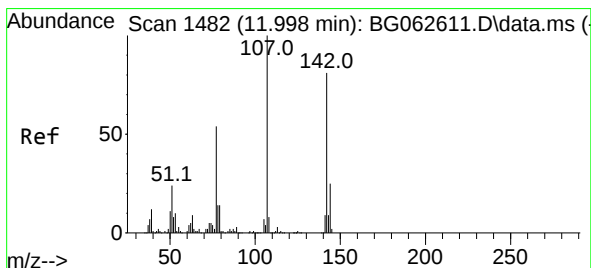
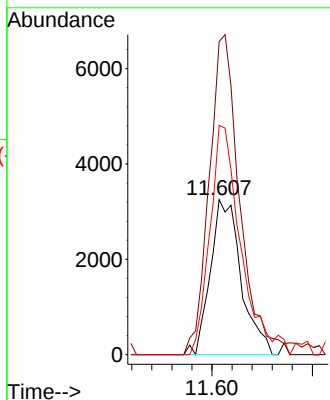
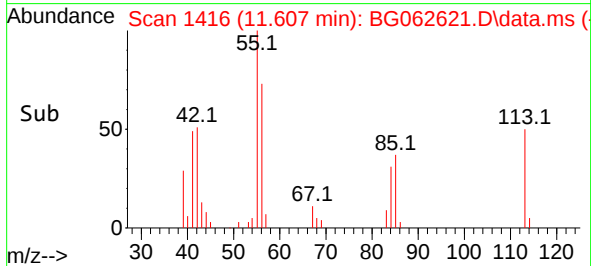
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:113 Resp: 691
Ion Ratio Lower Upper
113 100
55 202.0 174.1 214.1
56 147.9 129.8 169.8

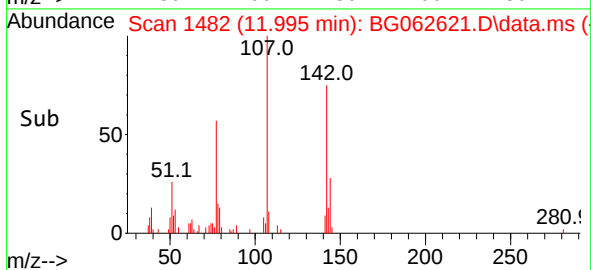
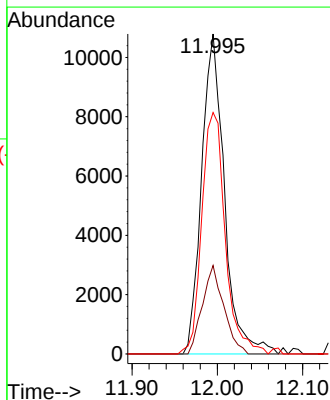
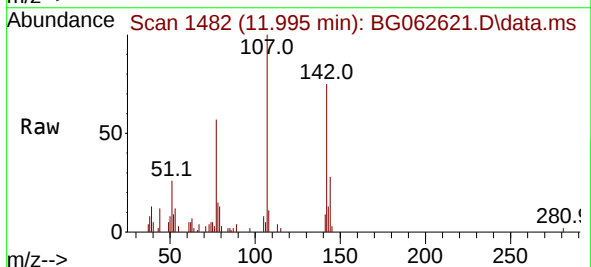
Manual Integrations
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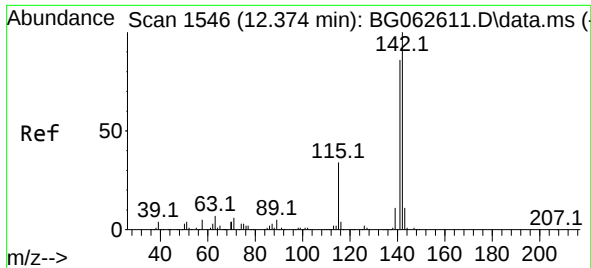
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#36
4-Chloro-3-methylphenol
Concen: 4.030 ng
RT: 11.995 min Scan# 1482
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

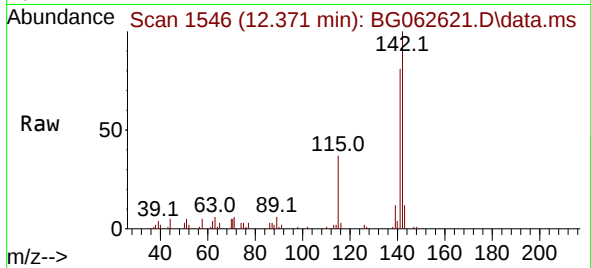
Tgt Ion:107 Resp: 20051
Ion Ratio Lower Upper
107 100
144 27.7 19.8 29.8
142 75.5 64.7 97.1





#37
2-Methylnaphthalene
Concen: 4.230 ng
RT: 12.371 min Scan# 1546
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

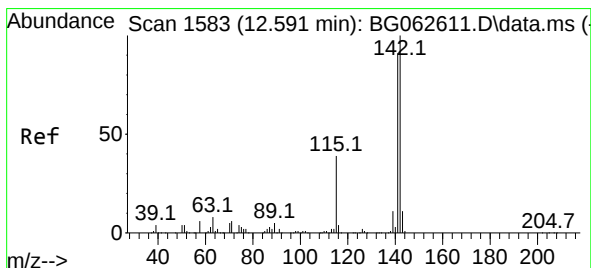
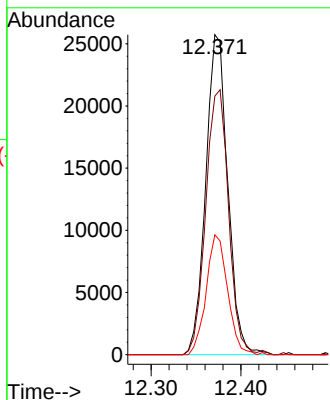
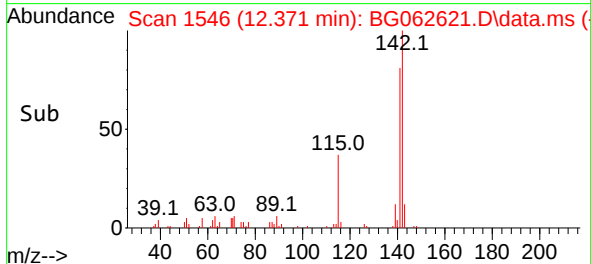
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:142 Resp: 43890
Ion Ratio Lower Upper
142 100
141 80.8 68.9 103.3
115 37.5 27.5 41.3

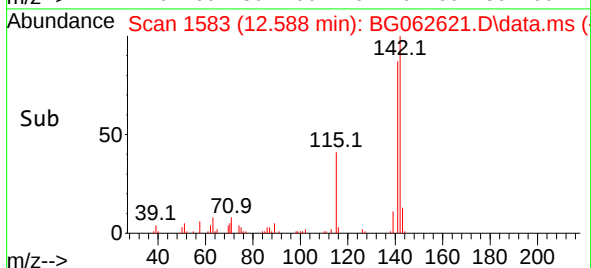
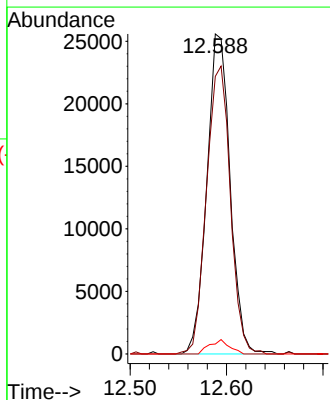
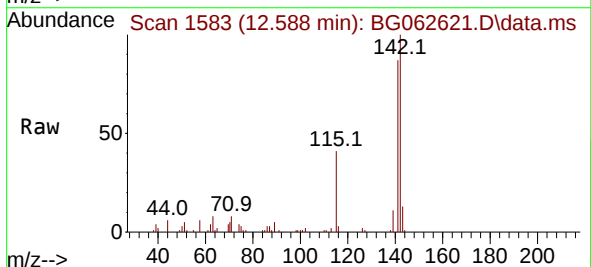
Manual Integrations
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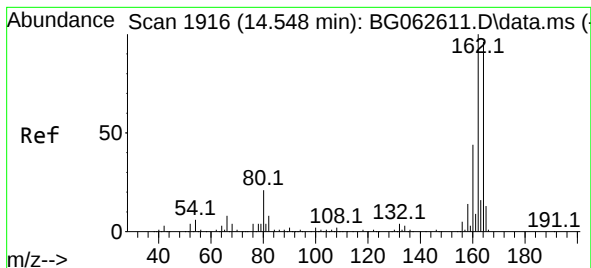
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#38
1-Methylnaphthalene
Concen: 4.124 ng m
RT: 12.588 min Scan# 1583
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

Tgt Ion:142 Resp: 42975
Ion Ratio Lower Upper
142 100
141 86.7 73.0 109.4
116 3.1 3.2 4.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1916

Delta R.T. 0.003 min

Lab File: BG062621.D

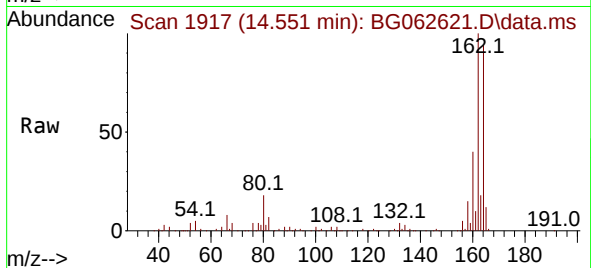
Acq: 3 Sep 2024 11:49

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2024



Tgt Ion:164 Resp: 22440

Ion Ratio Lower Upper

164 100

162 106.4 83.1 124.7

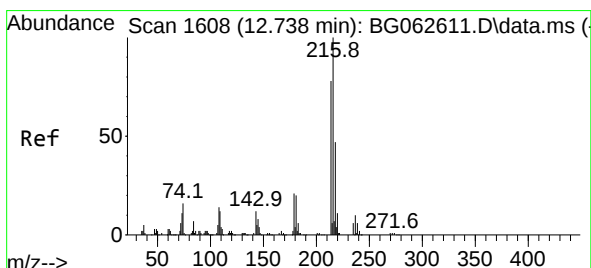
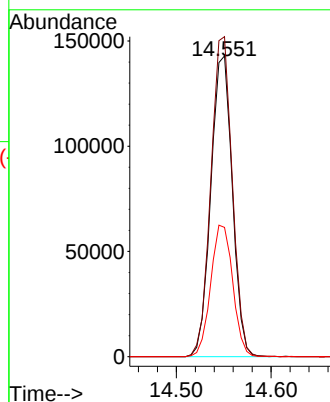
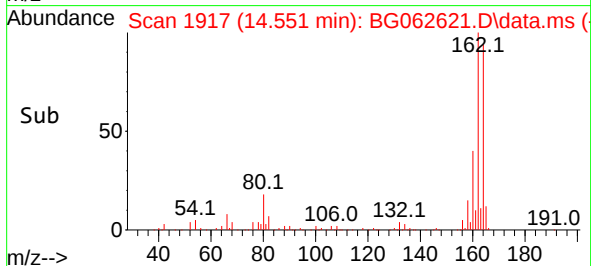
160 43.0 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024

Supervised By :mohammad ahmed 09/06/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.562 ng

RT: 12.741 min Scan# 1609

Delta R.T. 0.003 min

Lab File: BG062621.D

Acq: 3 Sep 2024 11:49

Tgt Ion:216 Resp: 30790

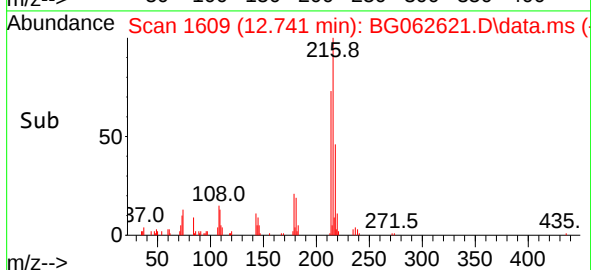
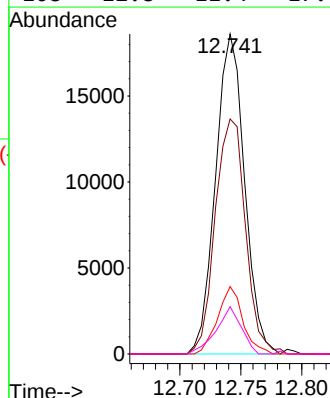
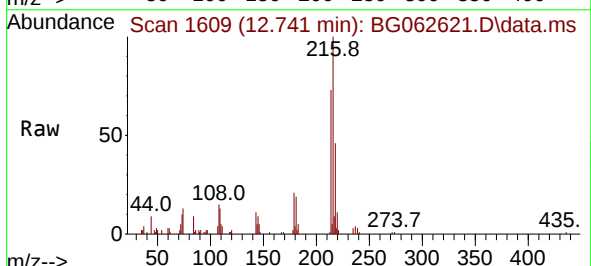
Ion Ratio Lower Upper

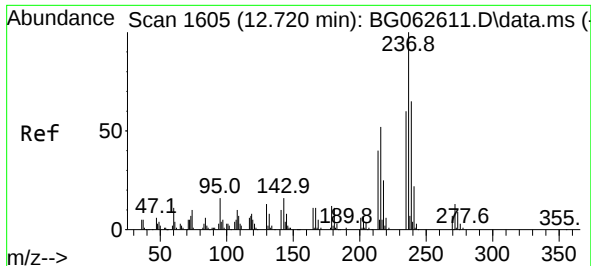
216 100

214 76.6 61.6 92.4

179 18.4 15.9 23.9

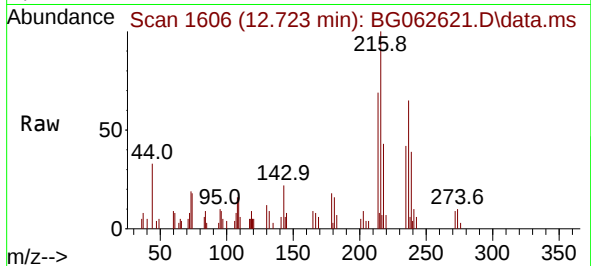
108 12.8 11.4 17.0





#41
Hexachlorocyclopentadiene
Concen: 2.707 ng
RT: 12.723 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

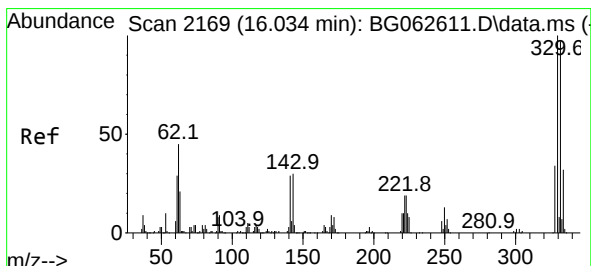
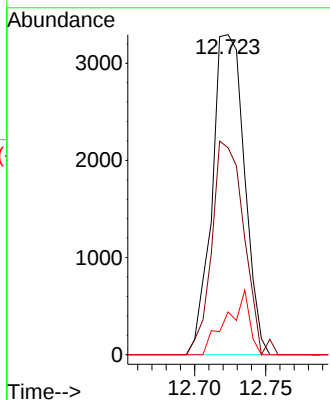
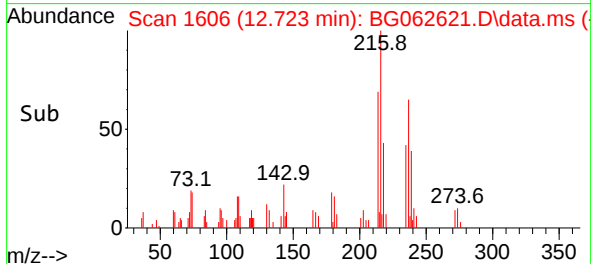
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



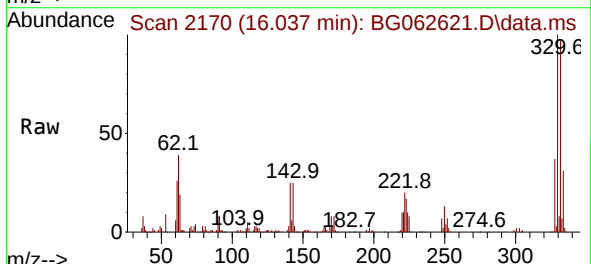
Tgt Ion:237 Resp: 521
Ion Ratio Lower Upper
237 100
235 64.7 40.4 80.4
272 13.3 0.0 32.7

Manual Integrations
APPROVED

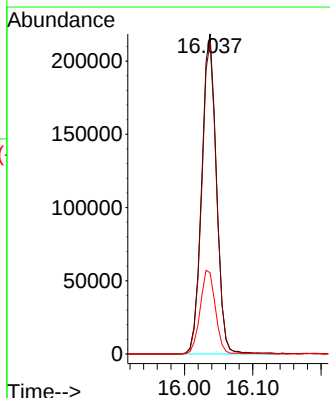
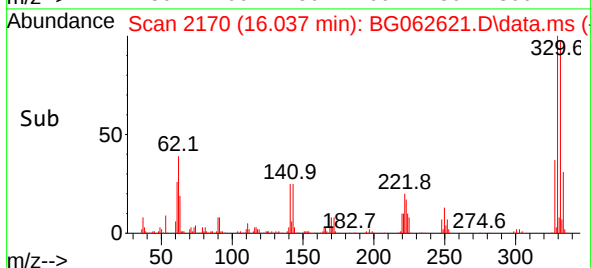
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

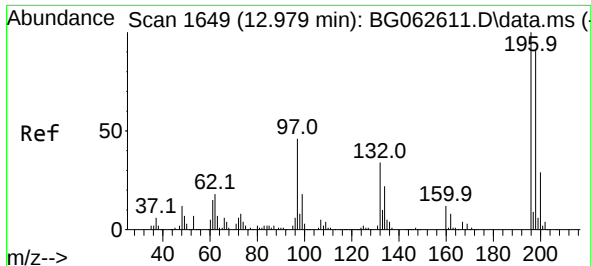


#42
2,4,6-Tribromophenol
Concen: 103.972 ng
RT: 16.037 min Scan# 2170
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49



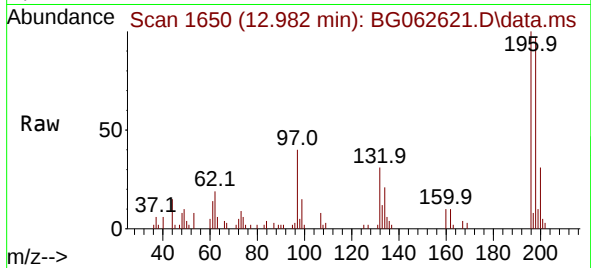
Tgt Ion:330 Resp: 328355
Ion Ratio Lower Upper
330 100
332 97.0 77.2 115.8
141 26.8 22.2 33.4





#43
2,4,6-Trichlorophenol
Concen: 4.198 ng
RT: 12.982 min Scan# 1649
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

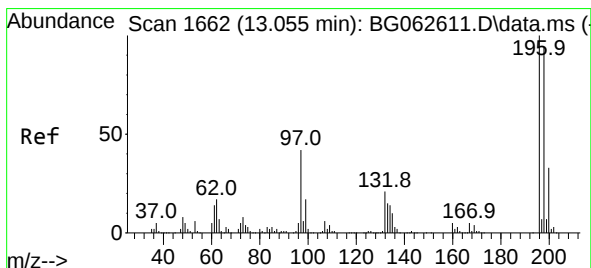
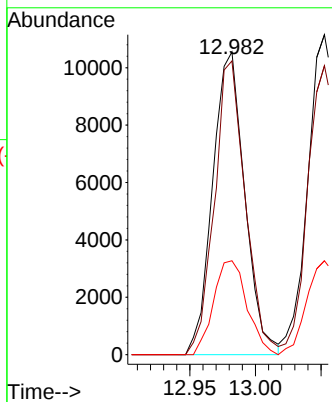
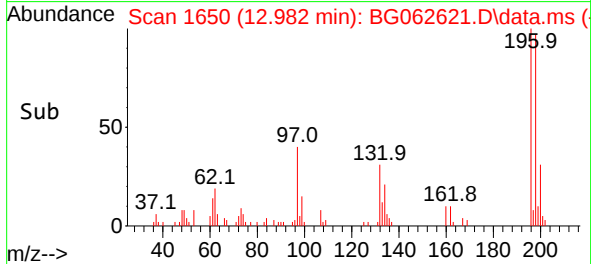
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:196 Resp: 17960
Ion Ratio Lower Upper
196 100
198 97.0 72.8 109.2
200 31.0 23.5 35.3

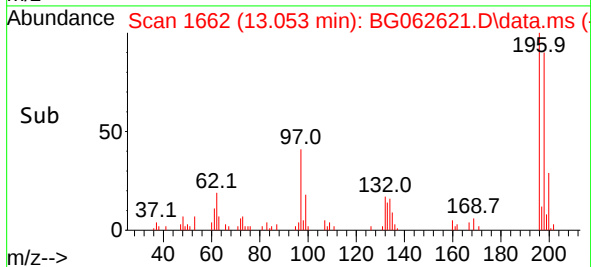
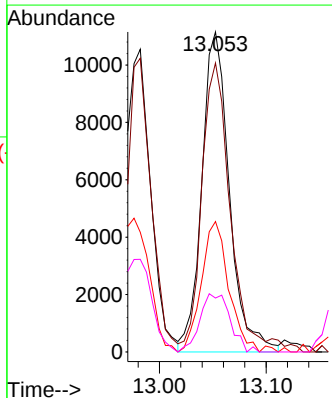
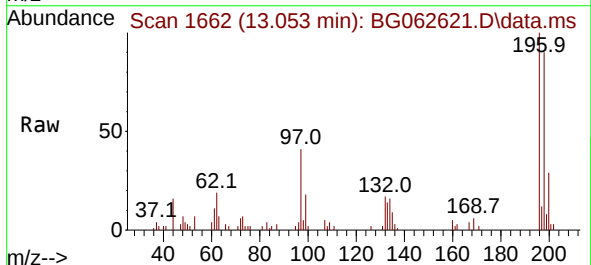
Manual Integrations
APPROVED

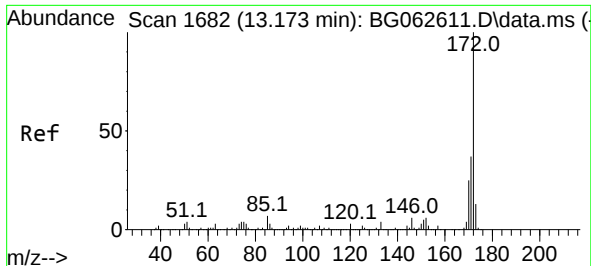
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#44
2,4,5-Trichlorophenol
Concen: 4.135 ng
RT: 13.053 min Scan# 1662
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

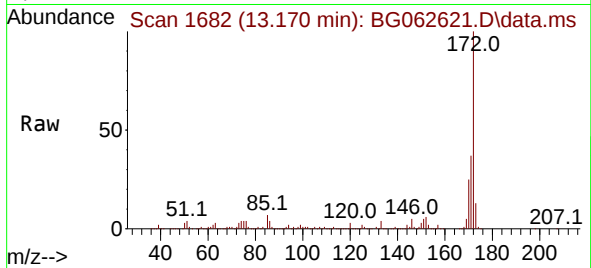
Tgt Ion:196 Resp: 20033
Ion Ratio Lower Upper
196 100
198 90.3 75.5 113.3
97 40.7 34.1 51.1
132 16.9 17.4 26.0#





#45
2-Fluorobiphenyl
Concen: 75.510 ng
RT: 13.170 min Scan# 1682
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

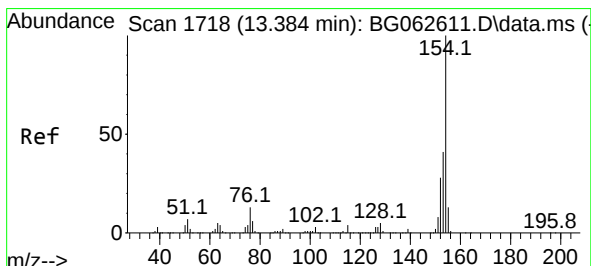
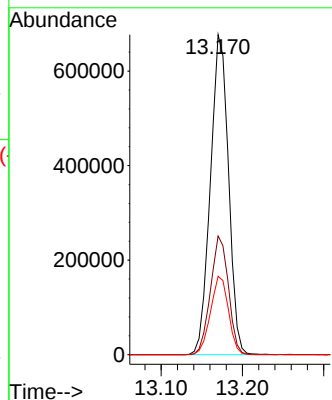
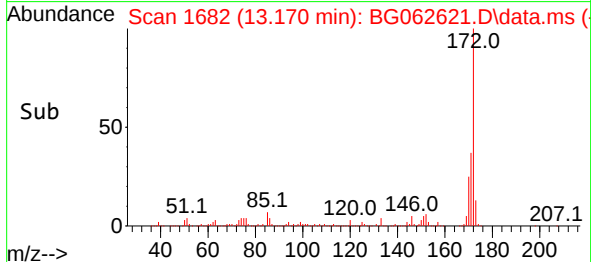
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:172 Resp: 104612
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.5 20.0 30.0

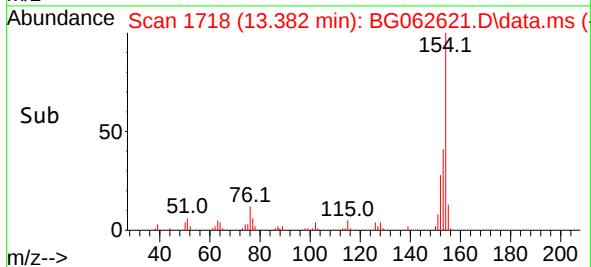
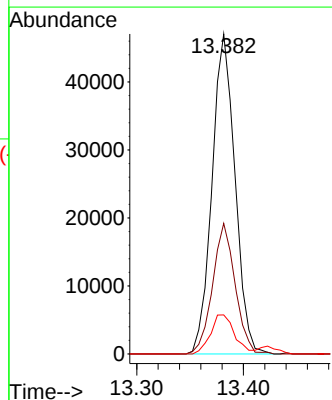
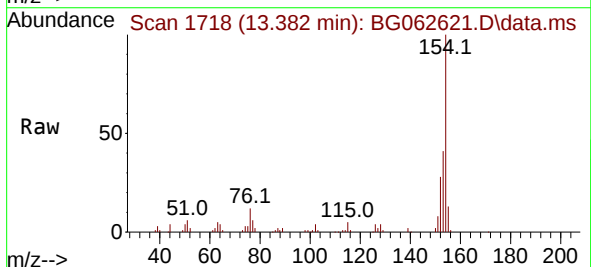
Manual Integrations
APPROVED

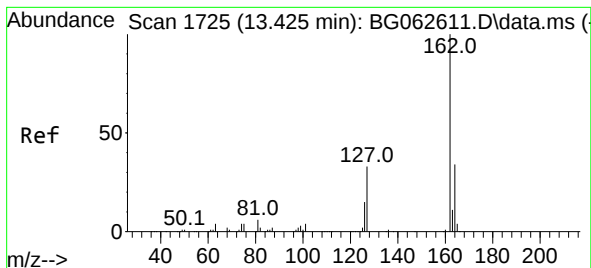
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#46
1,1'-Biphenyl
Concen: 4.693 ng
RT: 13.382 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

Tgt Ion:154 Resp: 70265
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 12.2 0.0 33.4





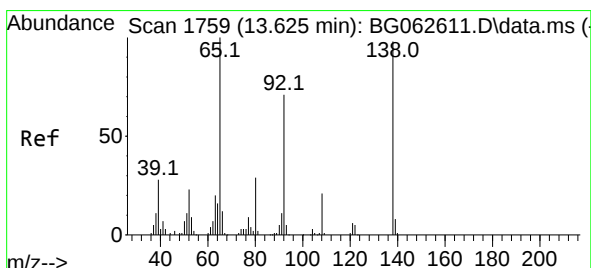
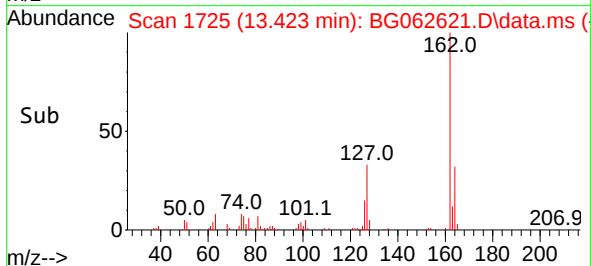
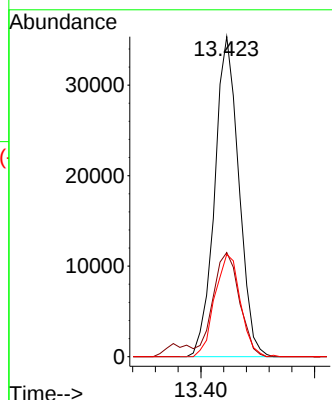
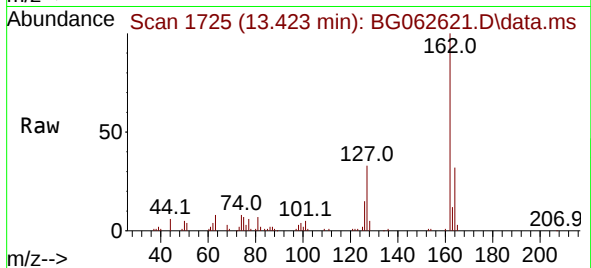
#47
2-Chloronaphthalene
Concen: 4.303 ng
RT: 13.423 min Scan# 1725
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT3-2024

Tgt Ion:162 Resp: 52210
Ion Ratio Lower Upper
162 100
127 32.6 28.7 43.1
164 31.9 26.9 40.3

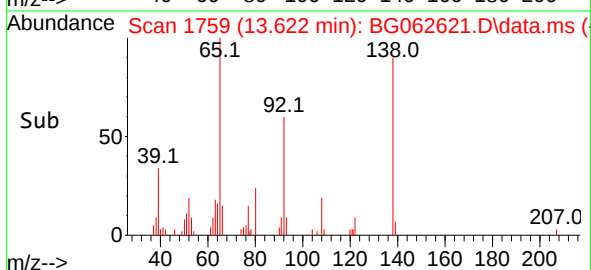
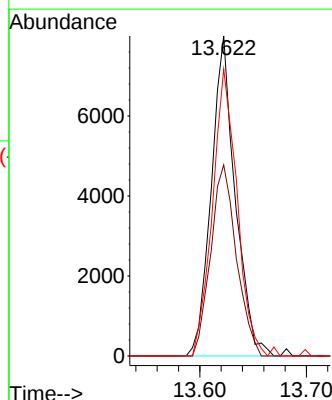
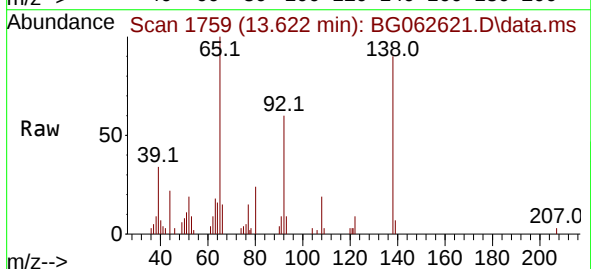
Manual Integrations
APPROVED

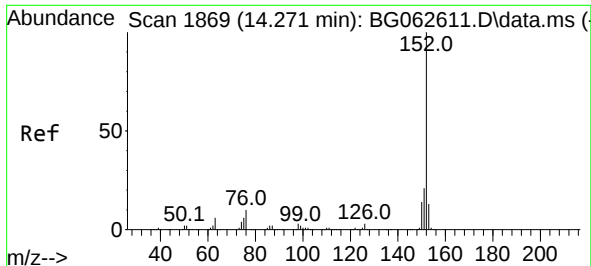
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#48
2-Nitroaniline
Concen: 3.915 ng
RT: 13.622 min Scan# 1759
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

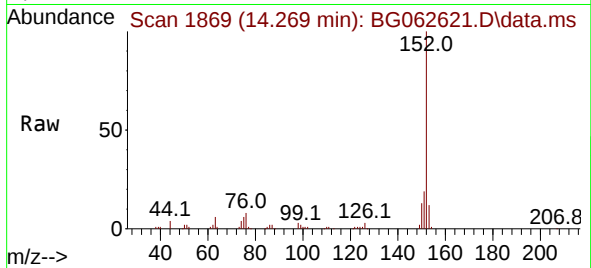
Tgt Ion: 65 Resp: 12493
Ion Ratio Lower Upper
65 100
92 59.7 56.6 84.8
138 89.6 78.7 118.1





#49
Acenaphthylene
Concen: 4.666 ng
RT: 14.269 min Scan# 1869
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

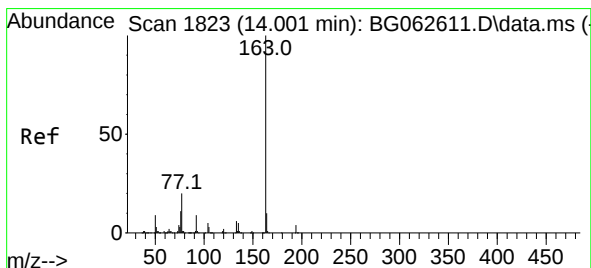
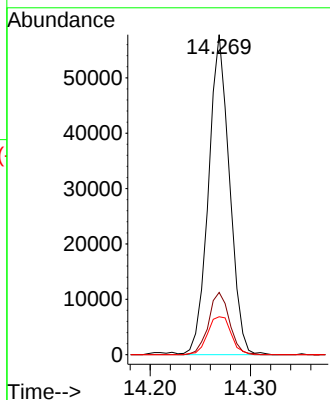
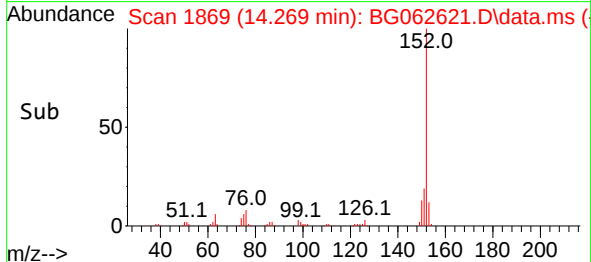
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:152 Resp: 83834
Ion Ratio Lower Upper
152 100
151 19.5 16.6 24.8
153 11.8 10.2 15.4

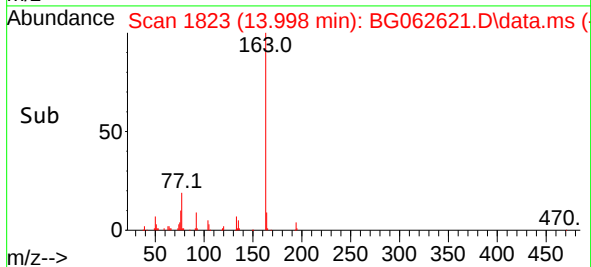
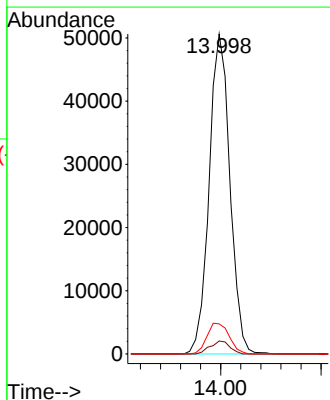
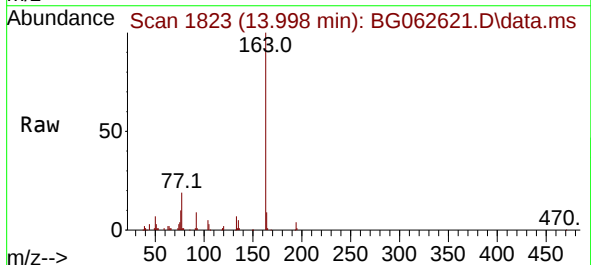
Manual Integrations
APPROVED

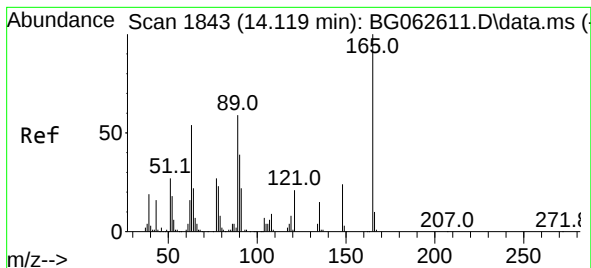
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#50
Dimethylphthalate
Concen: 4.437 ng
RT: 13.998 min Scan# 1823
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

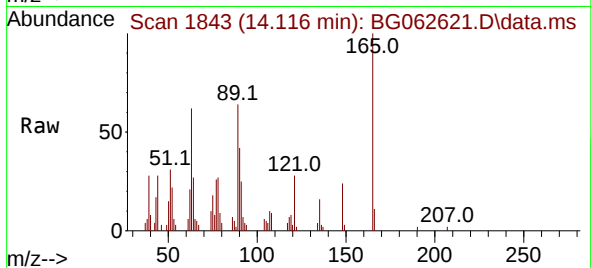
Tgt Ion:163 Resp: 72814
Ion Ratio Lower Upper
163 100
194 4.0 2.9 4.3
164 9.4 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 3.770 ng
RT: 14.116 min Scan# 1843
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

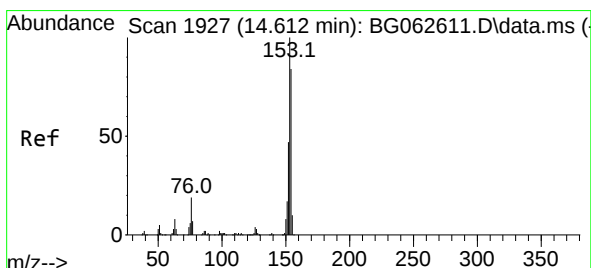
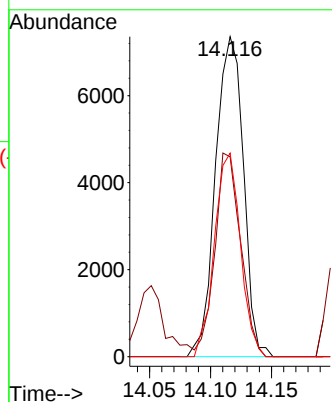
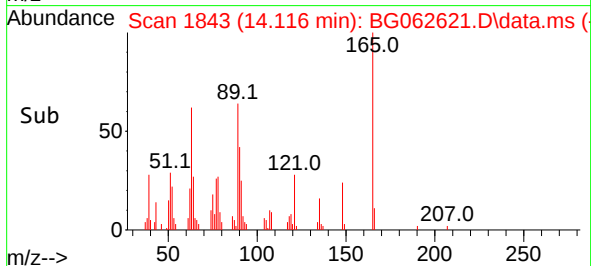
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:165 Resp: 1170
Ion Ratio Lower Upper
165 100
63 62.4 46.6 69.8
89 63.6 47.2 70.8

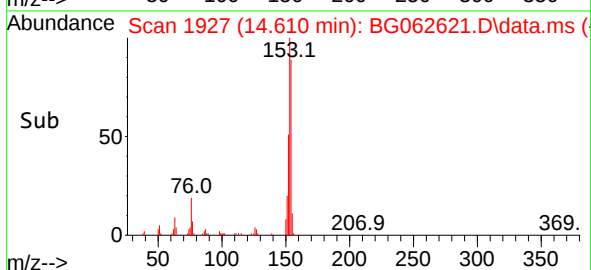
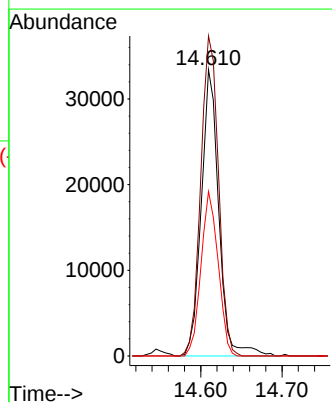
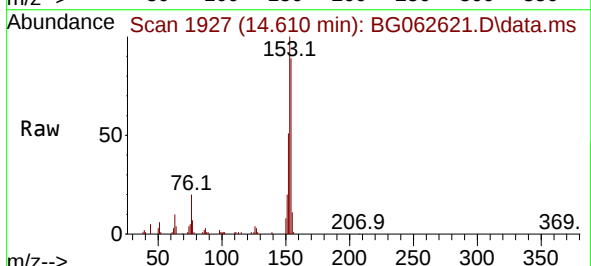
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#52
Acenaphthene
Concen: 4.455 ng
RT: 14.610 min Scan# 1927
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

Tgt Ion:154 Resp: 50039
Ion Ratio Lower Upper
154 100
153 111.8 95.0 142.4
152 57.5 45.0 67.6





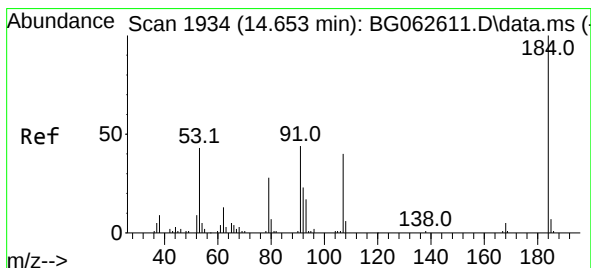
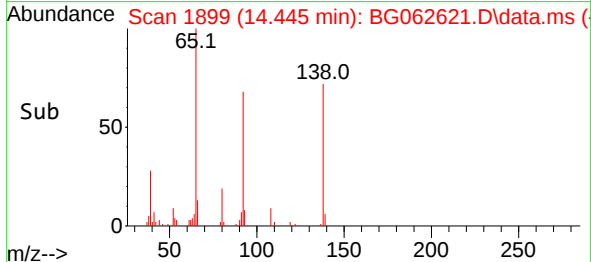
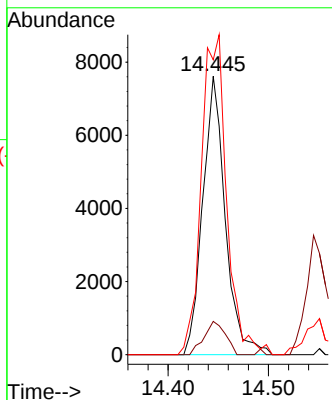
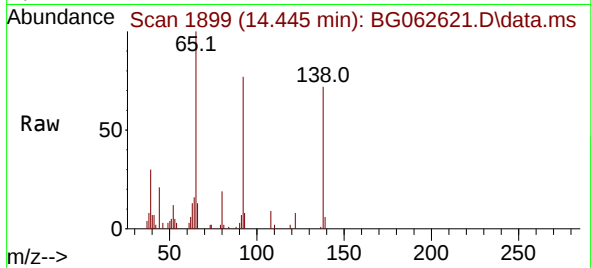
#53
3-Nitroaniline
Concen: 3.960 ng
RT: 14.445 min Scan# 1189
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Tgt Ion:138 Resp: 1189
Ion Ratio Lower Upper
138 100
108 11.9 8.6 13.0
92 105.9 95.7 143.5

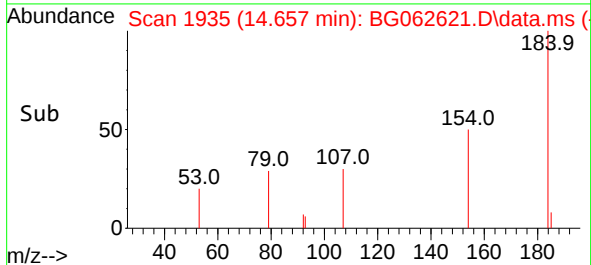
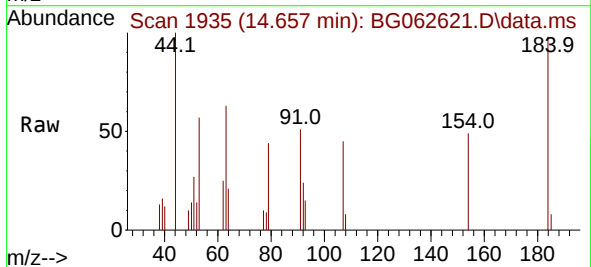
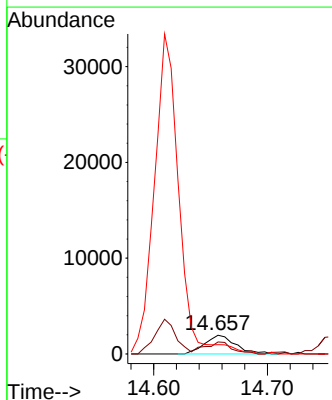
Manual Integrations
APPROVED

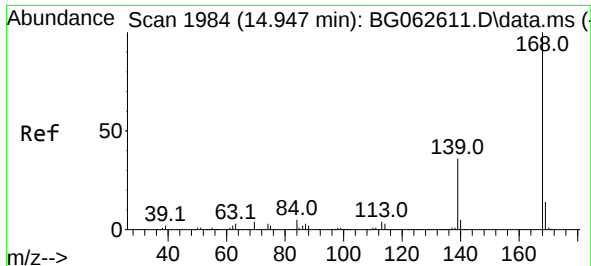
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#54
2,4-Dinitrophenol
Concen: 2.108 ng
RT: 14.657 min Scan# 1935
Delta R.T. 0.004 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

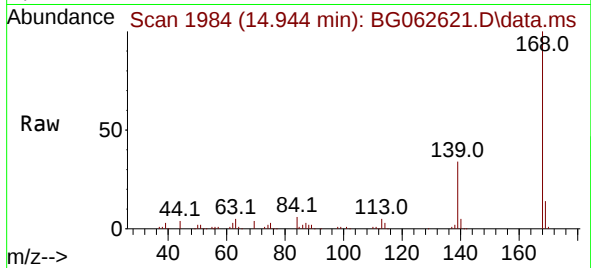
Tgt Ion:184 Resp: 3671
Ion Ratio Lower Upper
184 100
63 64.5 49.0 73.4
154 49.9 50.5 75.7#





#55
Dibenzofuran
Concen: 4.660 ng
RT: 14.944 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

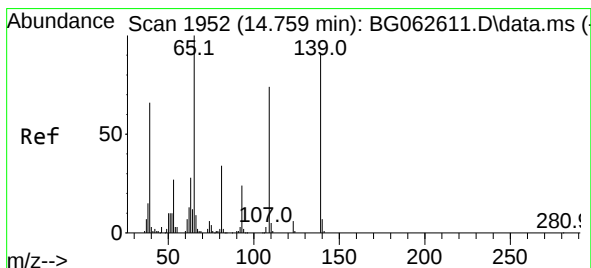
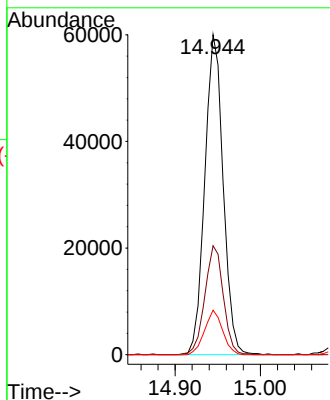
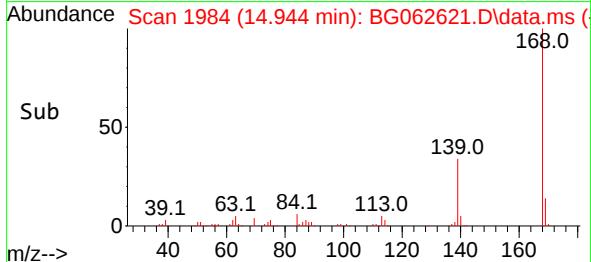
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



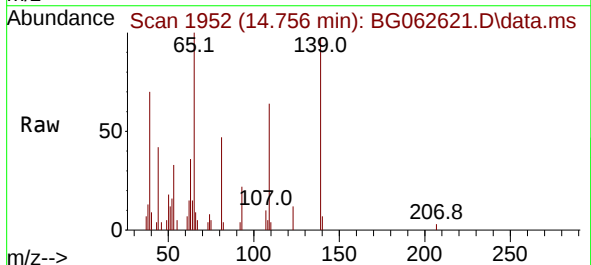
Tgt Ion:168 Resp: 89762
Ion Ratio Lower Upper
168 100
139 34.0 28.6 42.8
169 13.9 11.0 16.6

Manual Integrations
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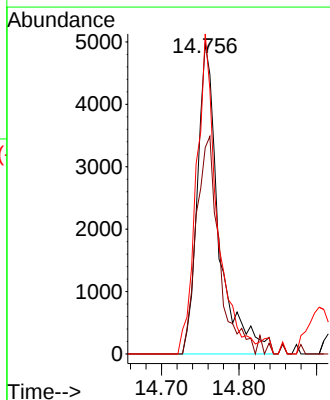
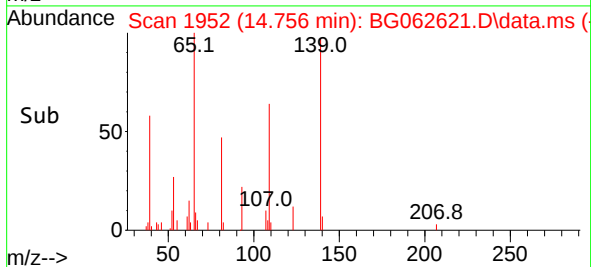
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

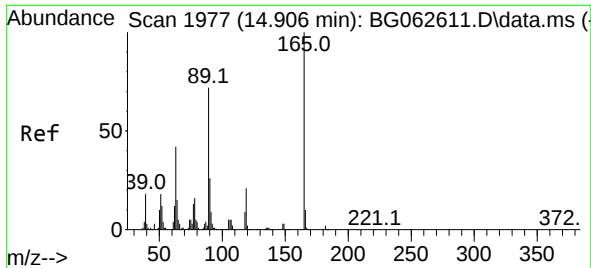


#56
4-Nitrophenol
Concen: 3.754 ng
RT: 14.756 min Scan# 1952
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49



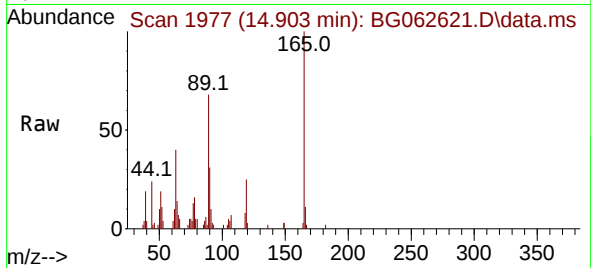
Tgt Ion:139 Resp: 9555
Ion Ratio Lower Upper
139 100
109 66.5 61.2 101.2
65 103.1 90.2 130.2





#57
2,4-Dinitrotoluene
Concen: 3.677 ng
RT: 14.903 min Scan# 1977
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

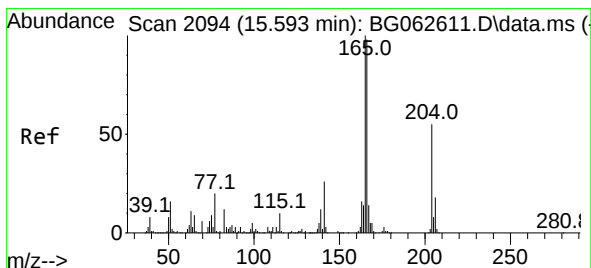
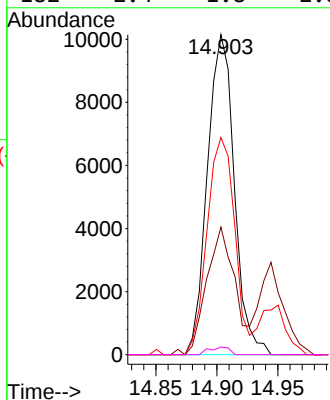
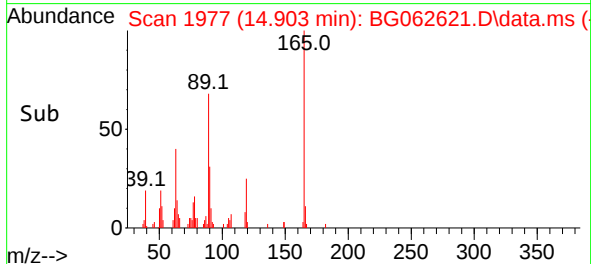
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



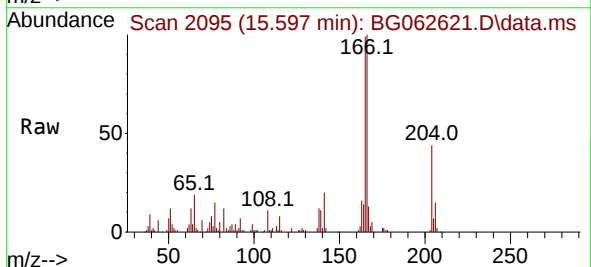
Tgt Ion:165 Resp: 15570
Ion Ratio Lower Upper
165 100
63 39.9 33.8 50.6
89 67.9 57.9 86.9
182 2.4 1.8 2.8

Manual Integrations
APPROVED

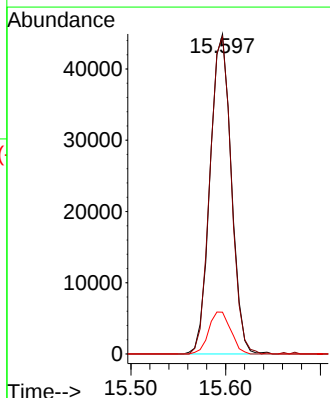
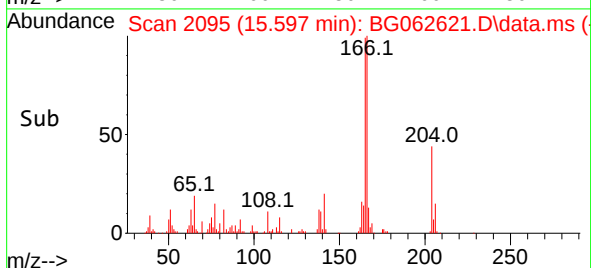
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

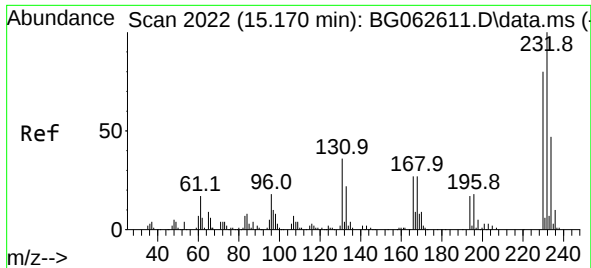


#58
Fluorene
Concen: 4.606 ng
RT: 15.597 min Scan# 2095
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49



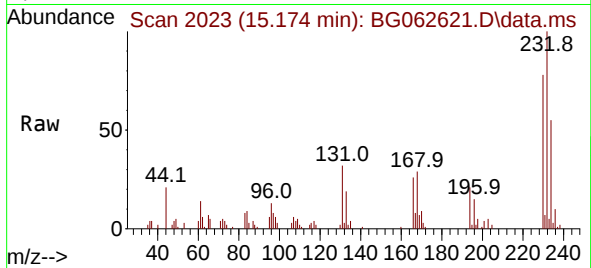
Tgt Ion:166 Resp: 69638
Ion Ratio Lower Upper
166 100
165 99.2 82.0 123.0
167 13.1 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.343 ng
RT: 15.174 min Scan# 2022
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

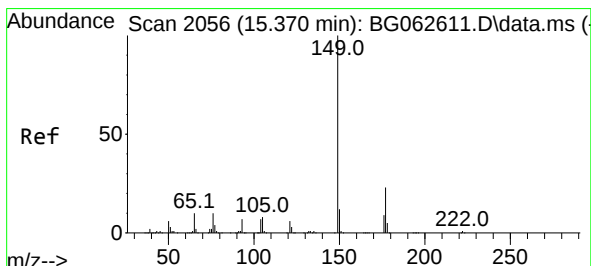
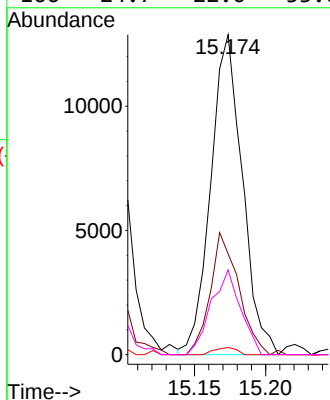
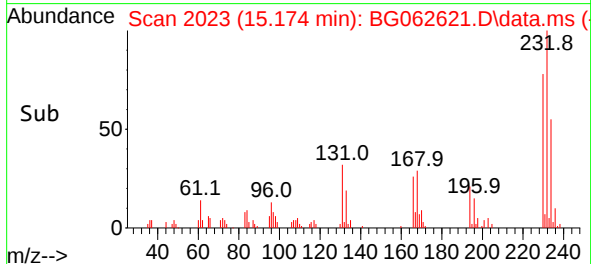
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:232 Resp: 1993
Ion Ratio Lower Upper
232 100
131 34.6 28.3 42.5
130 1.6 1.7 2.5
166 24.7 22.0 33.0

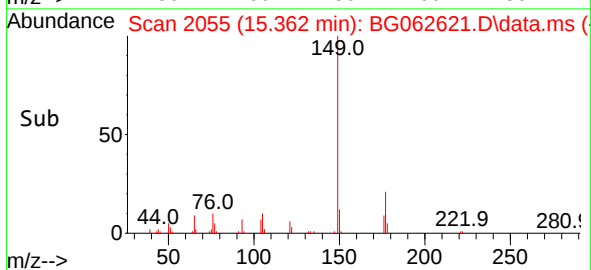
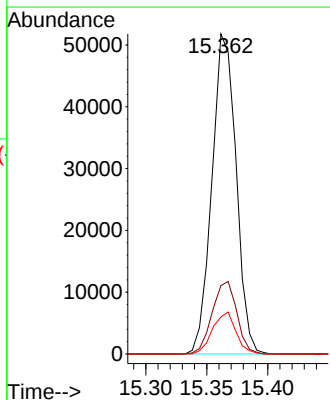
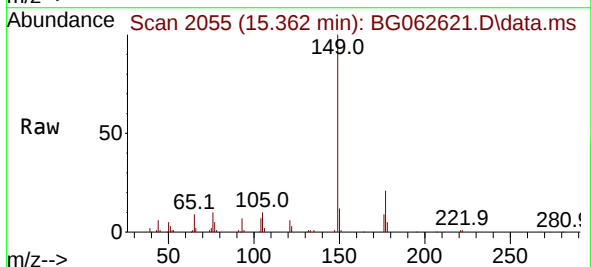
Manual Integrations
APPROVED

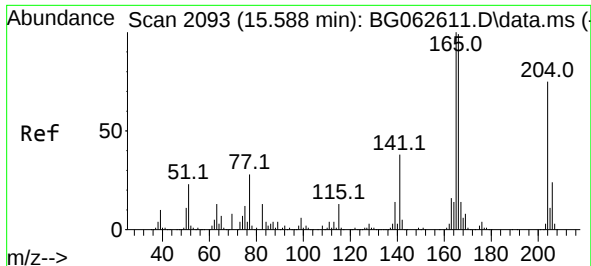
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#60
Diethylphthalate
Concen: 4.397 ng
RT: 15.362 min Scan# 2055
Delta R.T. -0.009 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

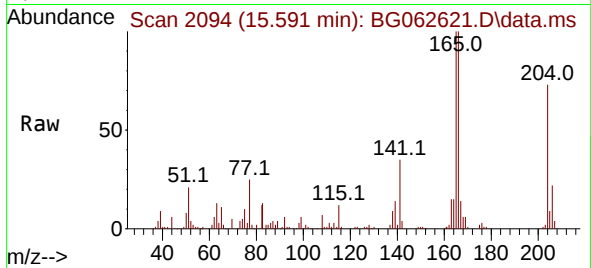
Tgt Ion:149 Resp: 71520
Ion Ratio Lower Upper
149 100
177 21.4 18.0 27.0
150 11.5 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 4.725 ng
RT: 15.591 min Scan# 2094
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

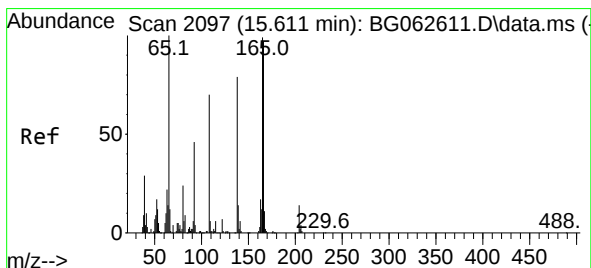
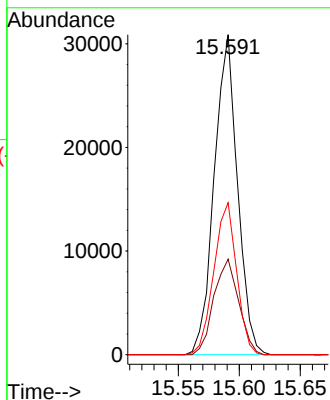
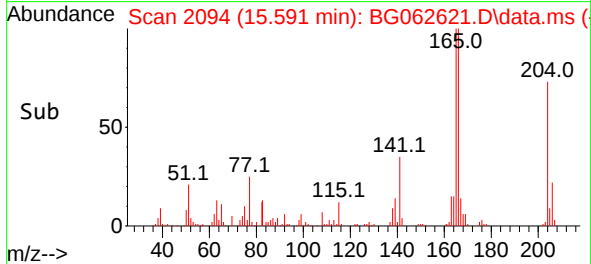
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



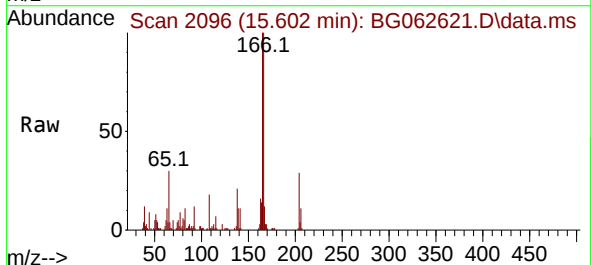
Tgt Ion:204 Resp: 4100
Ion Ratio Lower Upper
204 100
206 29.9 25.9 38.9
141 47.5 41.0 61.6

Manual Integrations
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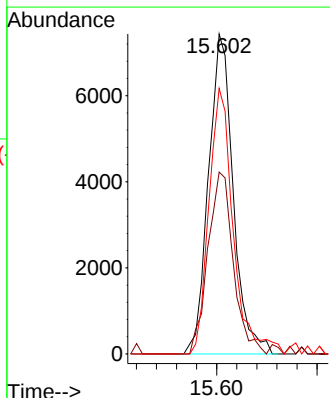
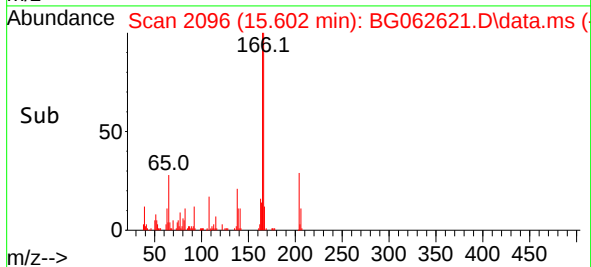
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

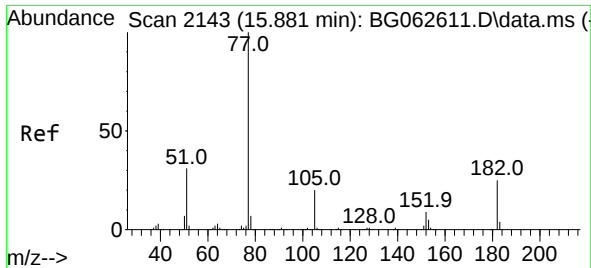


#62
4-Nitroaniline
Concen: 3.832 ng
RT: 15.602 min Scan# 2096
Delta R.T. -0.009 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49



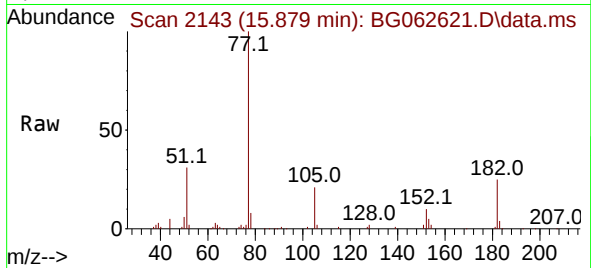
Tgt Ion:138 Resp: 12690
Ion Ratio Lower Upper
138 100
92 56.9 38.4 78.4
108 83.0 69.0 109.0





#63
 Azobenzene
 Concen: 4.372 ng
 RT: 15.879 min Scan# 2143
 Delta R.T. -0.003 min
 Lab File: BG062621.D
 Acq: 3 Sep 2024 11:49

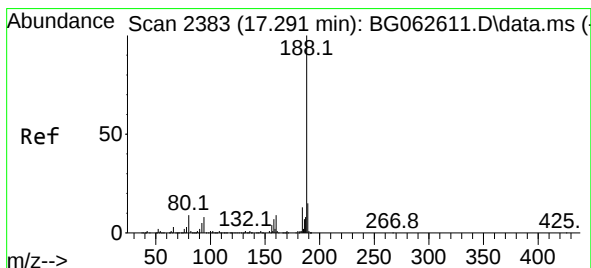
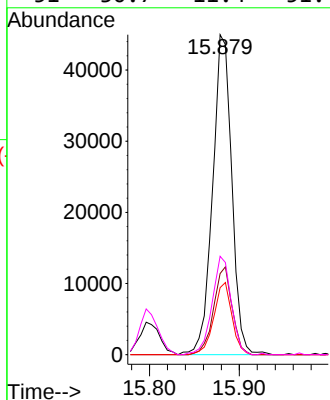
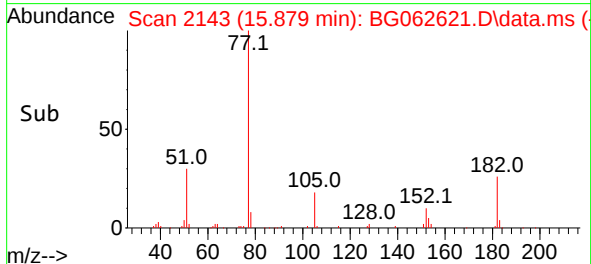
Instrument : BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024



Tgt Ion: 77	Resp: 6677
Ion Ratio	Lower Upper
77 100	
182 25.4	5.0 45.0
105 20.9	0.5 40.5
51 30.7	11.4 51.4

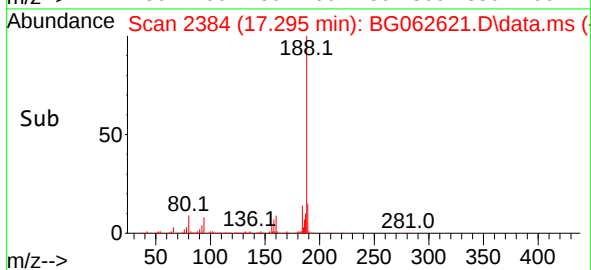
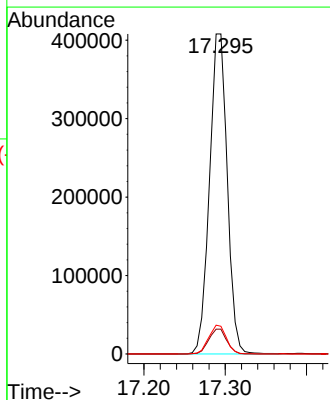
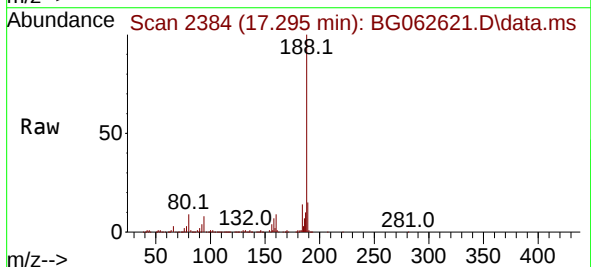
Manual Integrations
 APPROVED

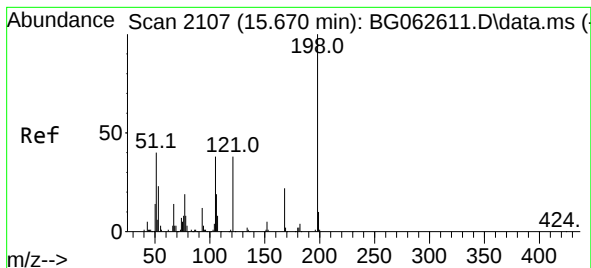
Reviewed By :Jagrut Upadhyay 09/04/2024
 Supervised By :mohammad ahmed 09/06/2024



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.295 min Scan# 2384
 Delta R.T. 0.003 min
 Lab File: BG062621.D
 Acq: 3 Sep 2024 11:49

Tgt Ion:188	Resp: 618166
Ion Ratio	Lower Upper
188 100	
94 7.7	6.3 9.5
80 8.7	7.0 10.4





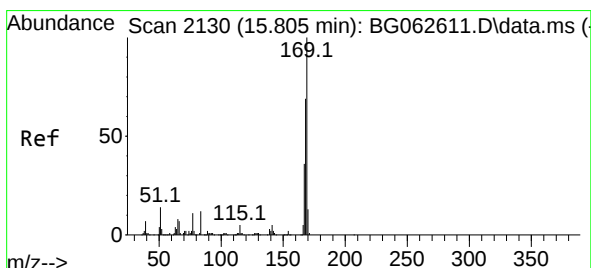
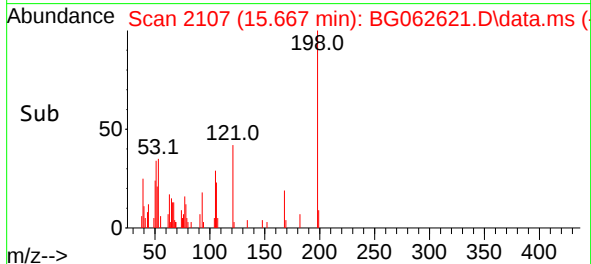
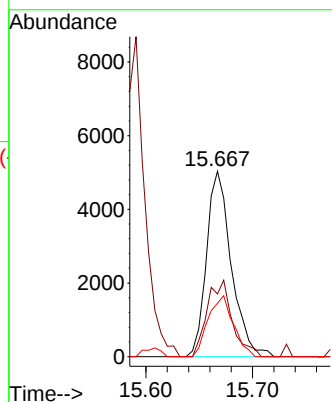
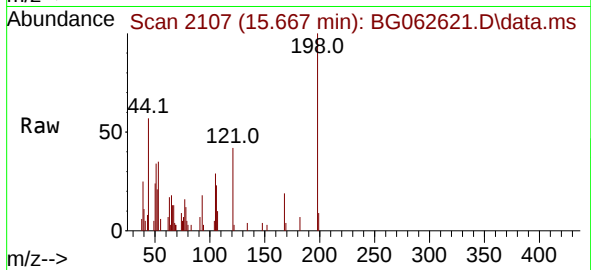
#65
4,6-Dinitro-2-methylphenol
Concen: 2.945 ng
RT: 15.667 min Scan# 2107
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Tgt Ion:198 Resp: 812
Ion Ratio Lower Upper
198 100
51 33.8 25.1 65.1
105 28.8 18.3 58.3

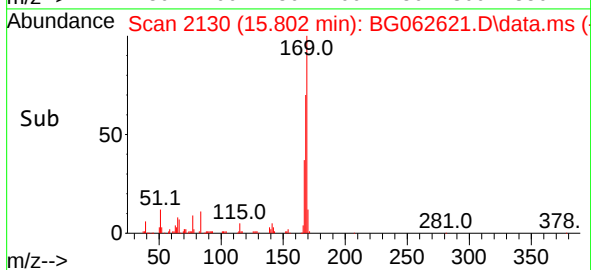
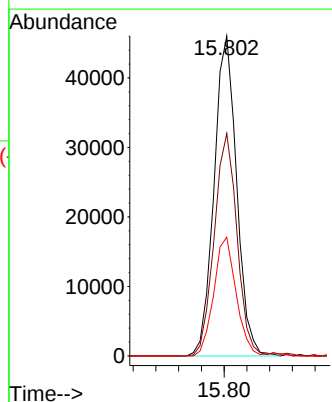
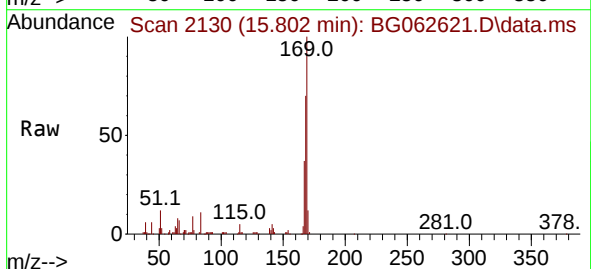
Manual Integrations
APPROVED

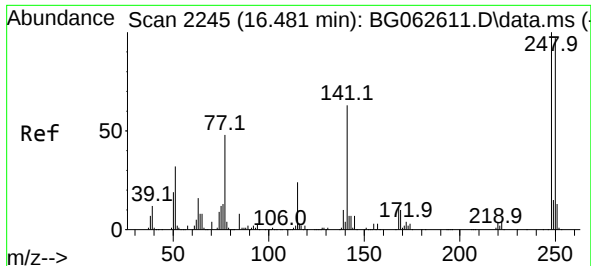
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#66
n-Nitrosodiphenylamine
Concen: 4.269 ng
RT: 15.802 min Scan# 2130
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

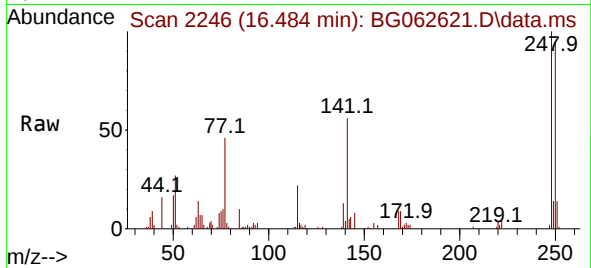
Tgt Ion:169 Resp: 63451
Ion Ratio Lower Upper
169 100
168 69.5 55.4 83.2
167 37.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 4.305 ng
RT: 16.484 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

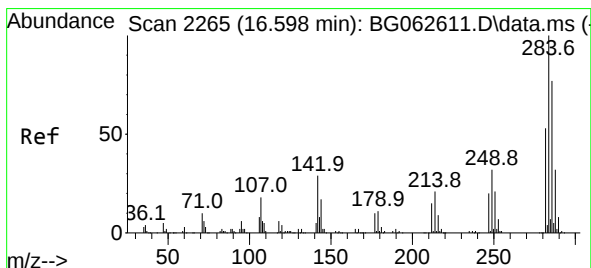
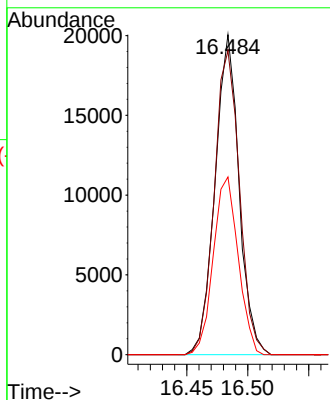
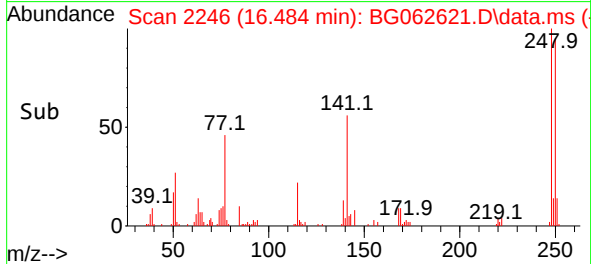
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



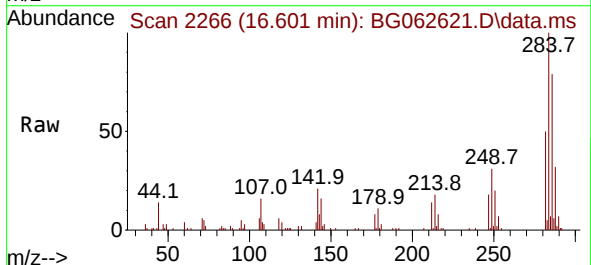
Tgt Ion:248 Resp: 2746
Ion Ratio Lower Upper
248 100
250 95.0 77.9 116.9
141 55.6 50.2 75.2

Manual Integrations
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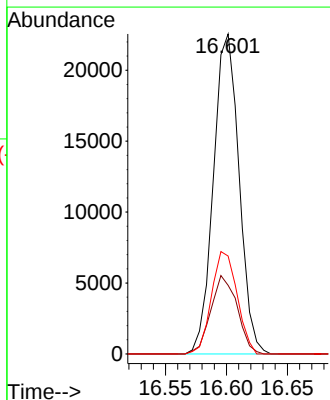
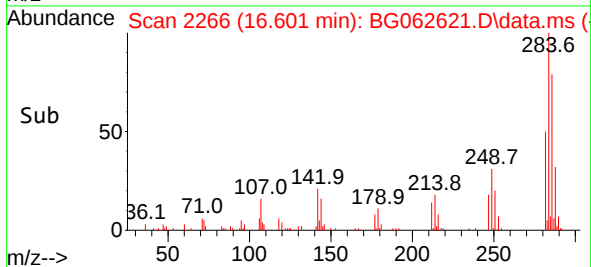
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

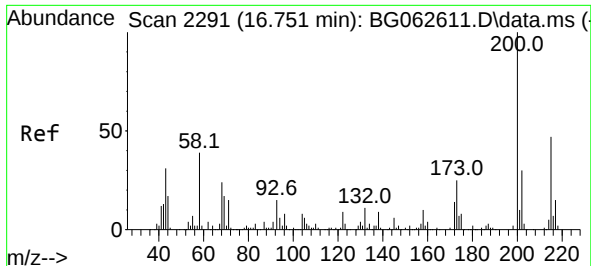


#68
Hexachlorobenzene
Concen: 4.369 ng
RT: 16.601 min Scan# 2266
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49



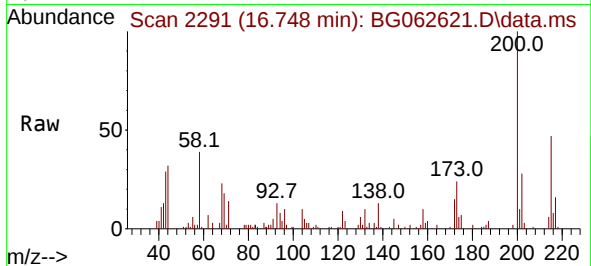
Tgt Ion:284 Resp: 33013
Ion Ratio Lower Upper
284 100
142 21.5 23.5 35.3#
249 33.0 25.4 38.0





#69
Atrazine
Concen: 5.474 ng
RT: 16.748 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

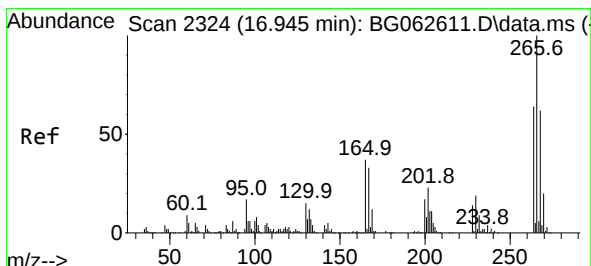
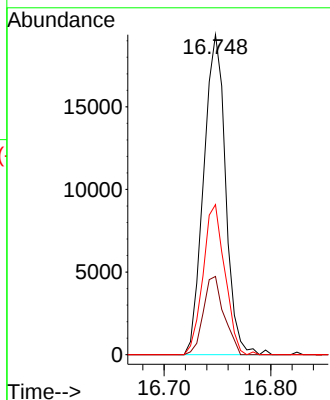
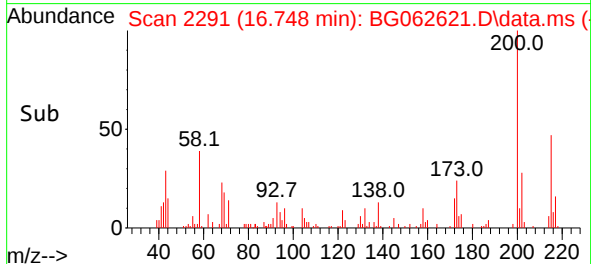
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



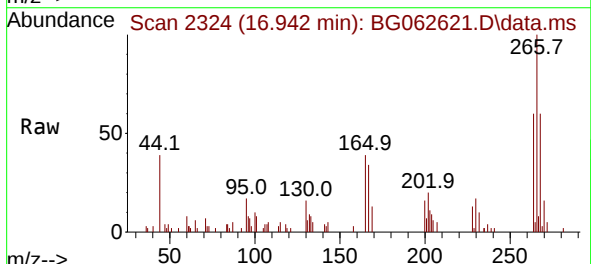
Tgt Ion:200 Resp: 2763
Ion Ratio Lower Upper
200 100
173 24.4 5.2 45.2
215 46.9 27.3 67.3

Manual Integrations
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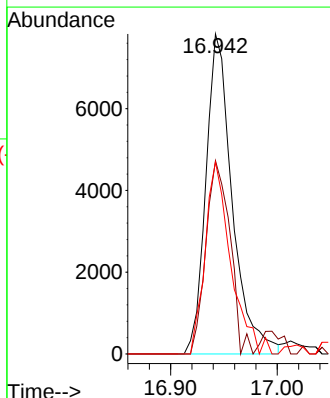
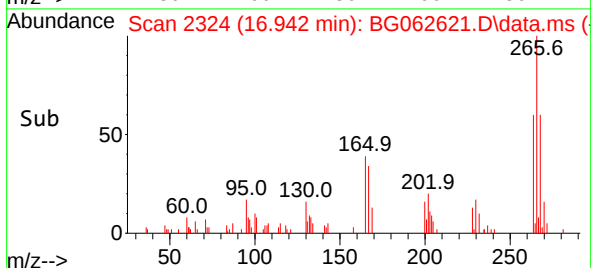
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

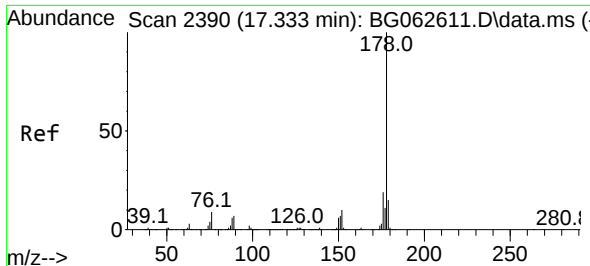


#70
Pentachlorophenol
Concen: 2.781 ng
RT: 16.942 min Scan# 2324
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49



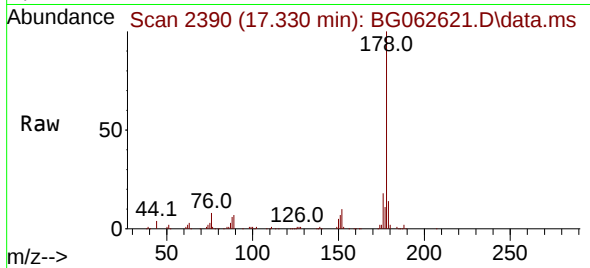
Tgt Ion:266 Resp: 13460
Ion Ratio Lower Upper
266 100
268 60.4 52.6 79.0
264 65.5 51.6 77.4





#71
Phenanthrene
Concen: 4.542 ng
RT: 17.330 min Scan# 2390
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

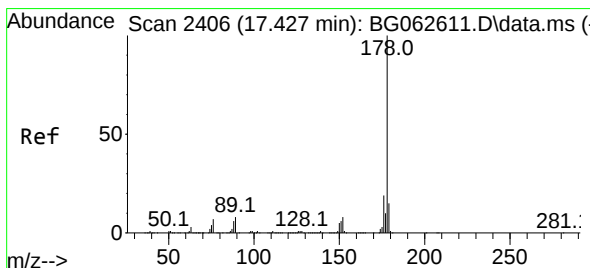
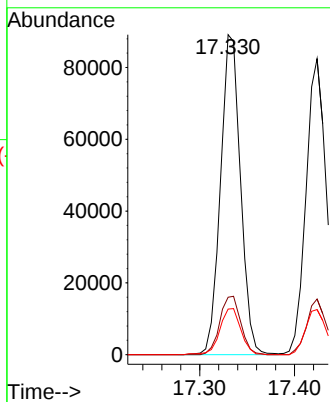
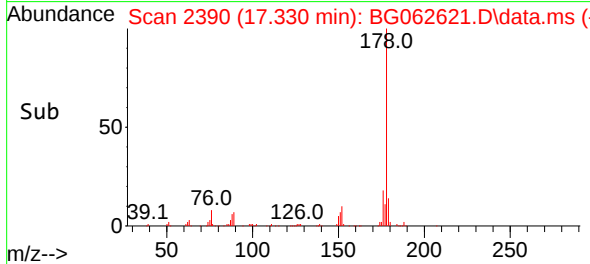
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion:178 Resp: 13105
Ion Ratio Lower Upper
178 100
176 17.9 15.4 23.0
179 14.3 12.2 18.4

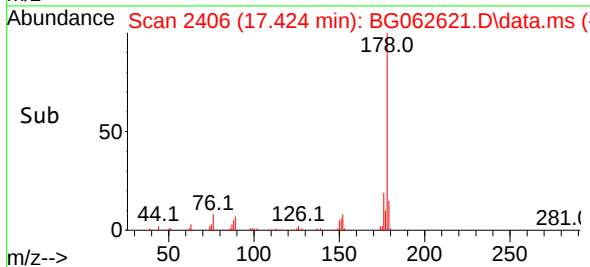
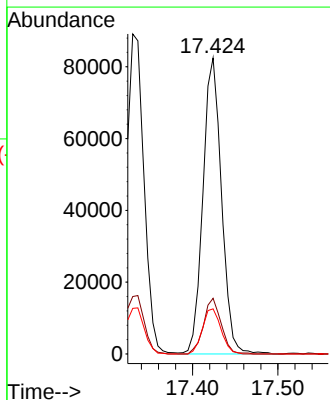
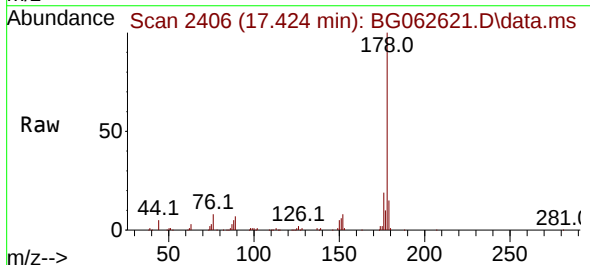
Manual Integrations
APPROVED

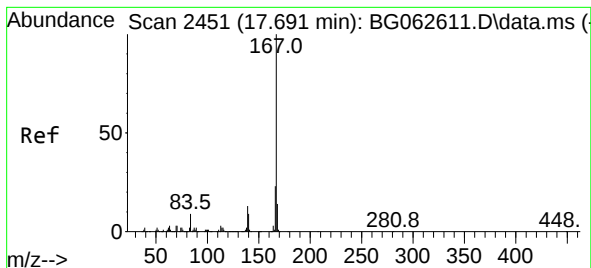
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#72
Anthracene
Concen: 4.402 ng
RT: 17.424 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

Tgt Ion:178 Resp: 124892
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.2 12.0 18.0





#73

Carbazole

Concen: 4.393 ng

RT: 17.688 min Scan# 2451

Delta R.T. -0.003 min

Lab File: BG062621.D

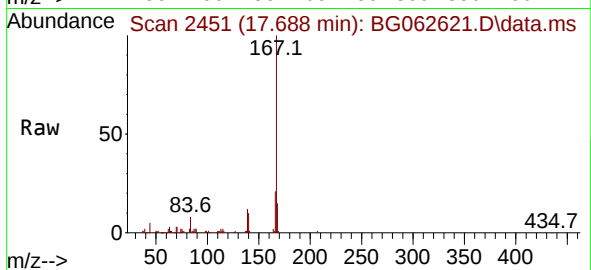
Acq: 3 Sep 2024 11:49

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2024



Tgt Ion:167 Resp: 114570

Ion Ratio Lower Upper

167 100

166 21.2 18.2 27.2

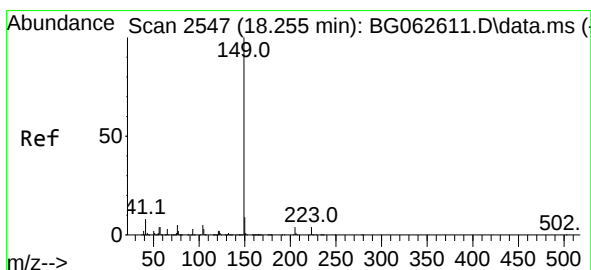
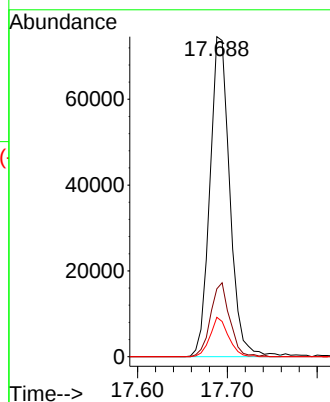
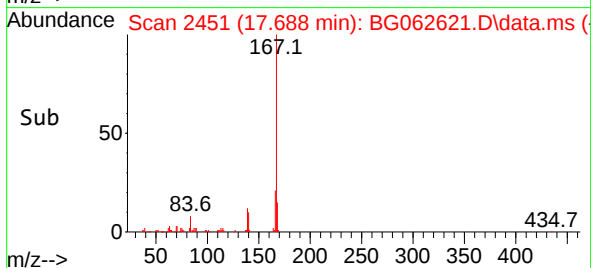
139 12.3 10.1 15.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/04/2024

Supervised By :mohammad ahmed 09/06/2024



#74

Di-n-butylphthalate

Concen: 4.114 ng

RT: 18.258 min Scan# 2548

Delta R.T. 0.003 min

Lab File: BG062621.D

Acq: 3 Sep 2024 11:49

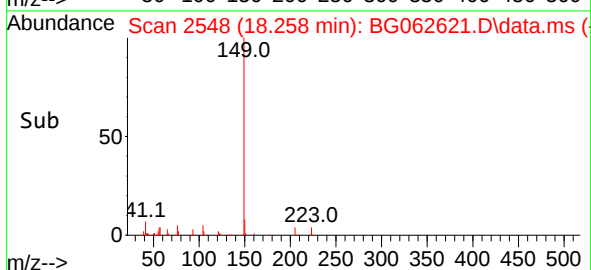
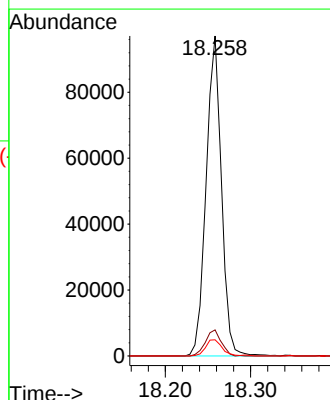
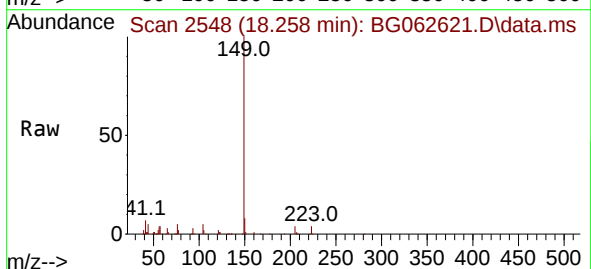
Tgt Ion:149 Resp: 121002

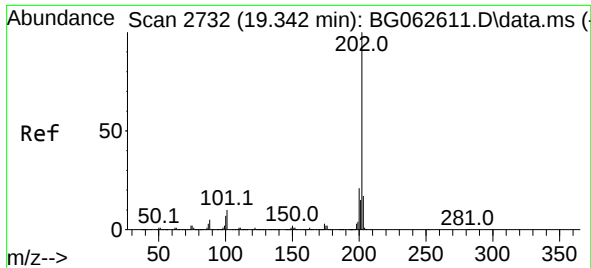
Ion Ratio Lower Upper

149 100

150 8.2 7.3 10.9

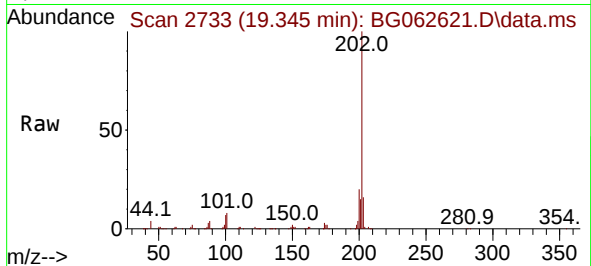
104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 4.537 ng
RT: 19.345 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

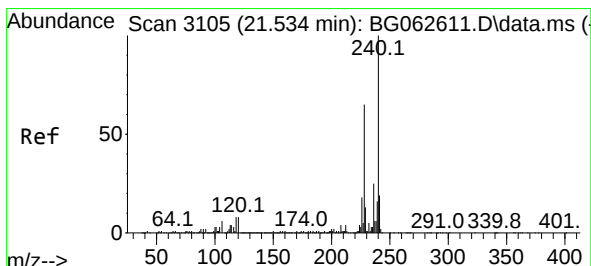
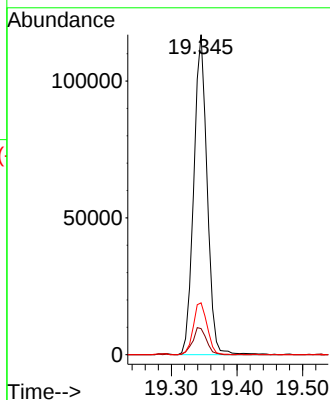
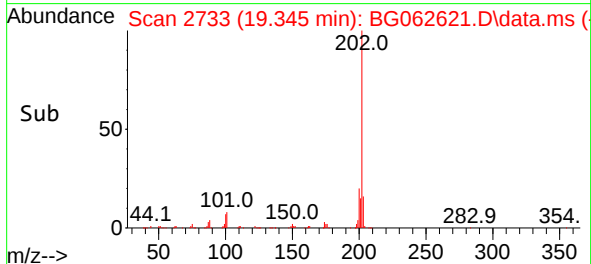
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



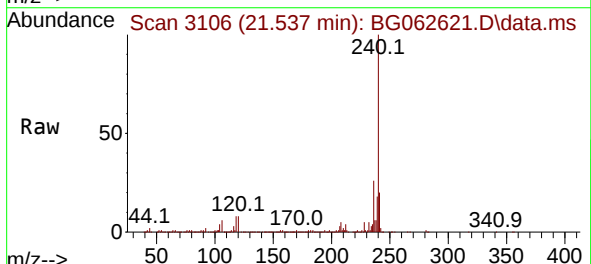
Tgt Ion:202 Resp: 165578
Ion Ratio Lower Upper
202 100
101 8.1 0.0 29.6
203 16.2 0.0 37.4

Manual Integrations
APPROVED

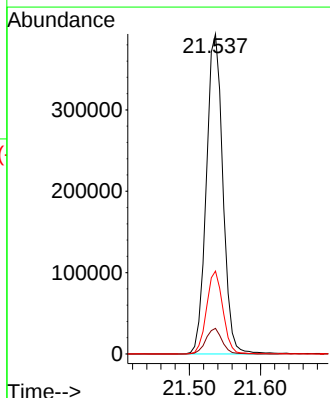
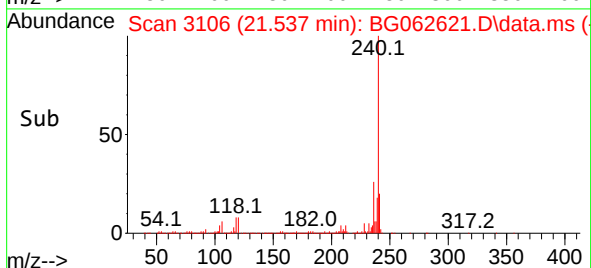
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

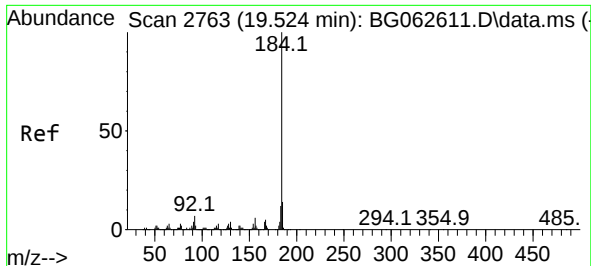


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.537 min Scan# 3106
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49



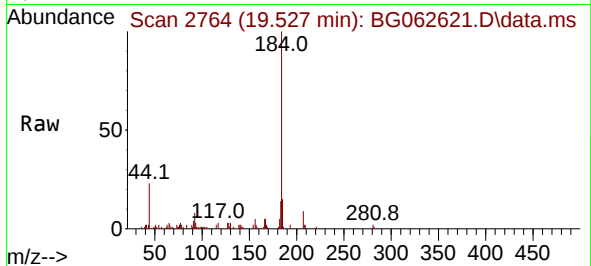
Tgt Ion:240 Resp: 635204
Ion Ratio Lower Upper
240 100
120 8.0 6.6 9.8
236 25.9 20.2 30.4





#77
Benzidine
Concen: 3.020 ng
RT: 19.527 min Scan# 2763
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

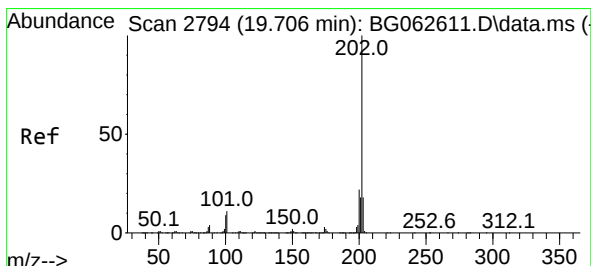
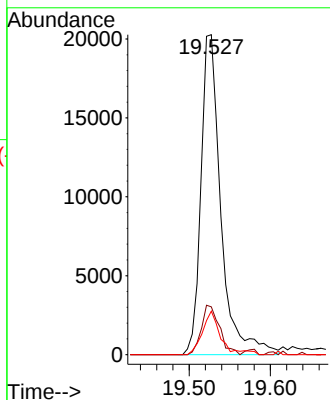
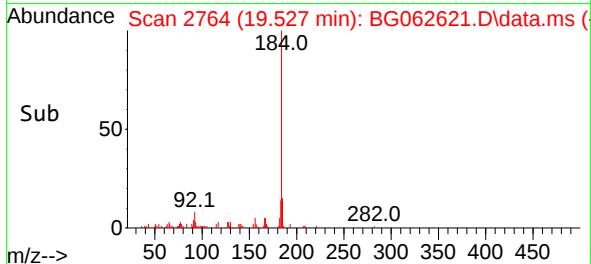
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:184 Resp: 34570
Ion Ratio Lower Upper
184 100
185 15.0 11.0 16.6
183 13.6 9.7 14.5

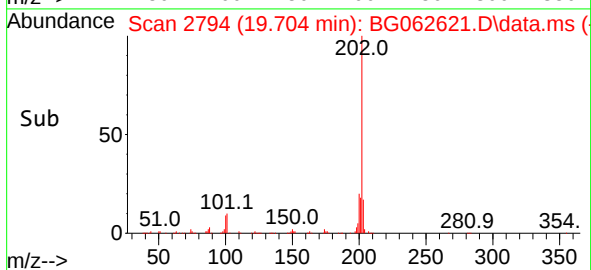
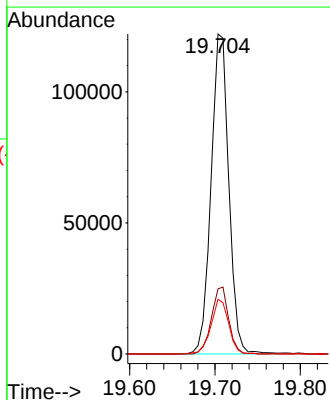
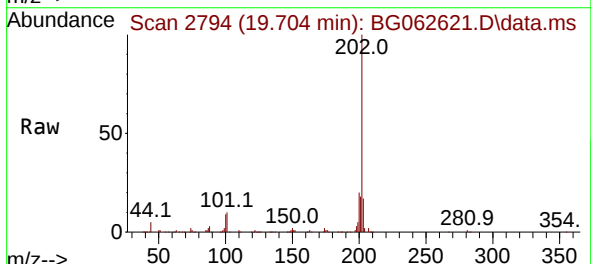
Manual Integrations
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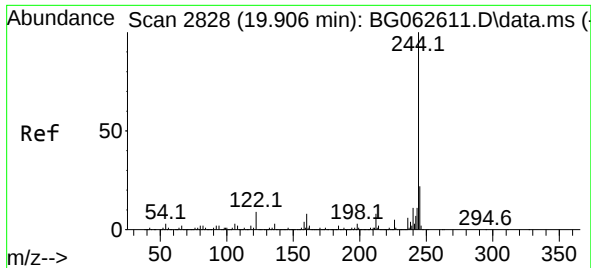
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#78
Pyrene
Concen: 4.367 ng
RT: 19.704 min Scan# 2794
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

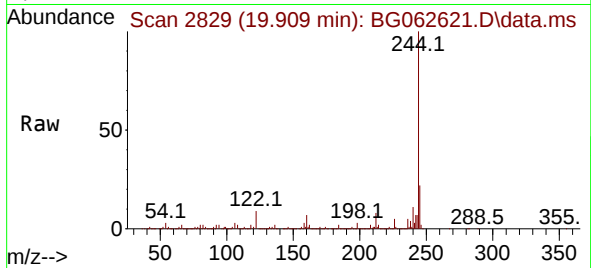
Tgt Ion:202 Resp: 176339
Ion Ratio Lower Upper
202 100
200 20.4 17.4 26.2
203 17.1 14.1 21.1





#79
 Terphenyl-d14
 Concen: 70.663 ng
 RT: 19.909 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG062621.D
 Acq: 3 Sep 2024 11:49

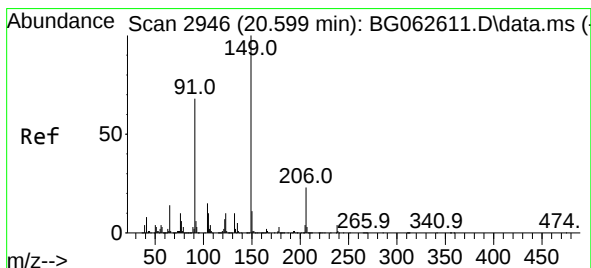
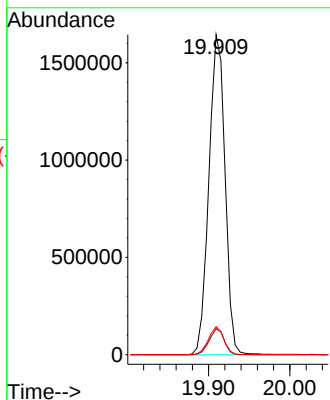
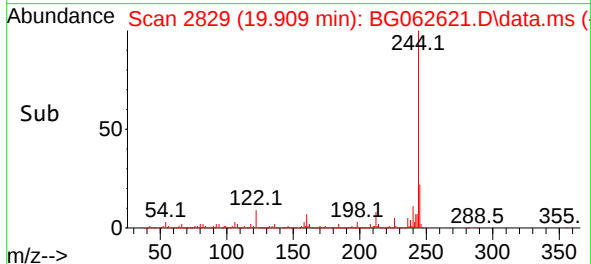
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024



Tgt Ion:244 Resp: 226371
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 10.0
 122 8.8 7.2 10.8

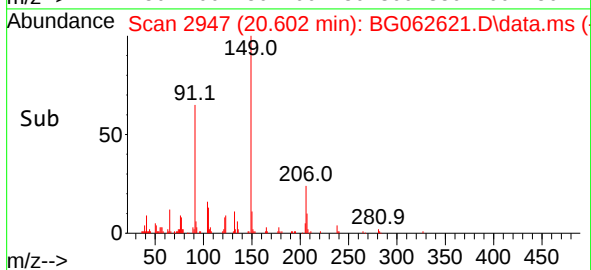
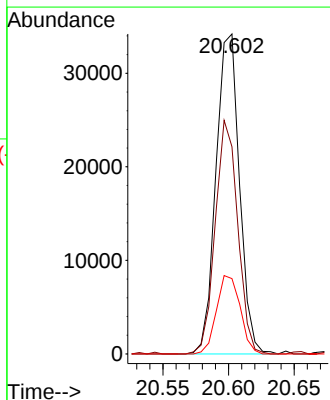
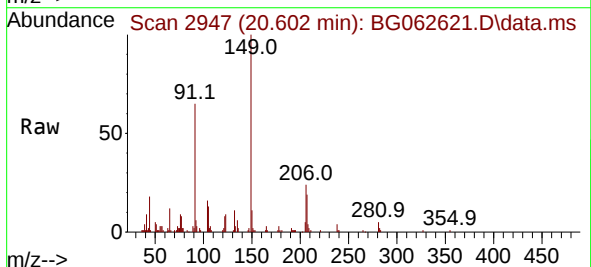
Manual Integrations
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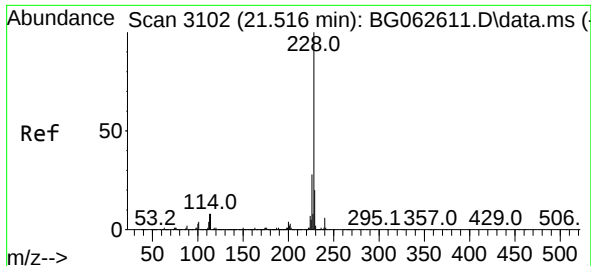
Reviewed By :Jagrut Upadhyay 09/04/2024
 Supervised By :mohammad ahmed 09/06/2024



#80
 Butylbenzylphthalate
 Concen: 3.588 ng
 RT: 20.602 min Scan# 2947
 Delta R.T. 0.003 min
 Lab File: BG062621.D
 Acq: 3 Sep 2024 11:49

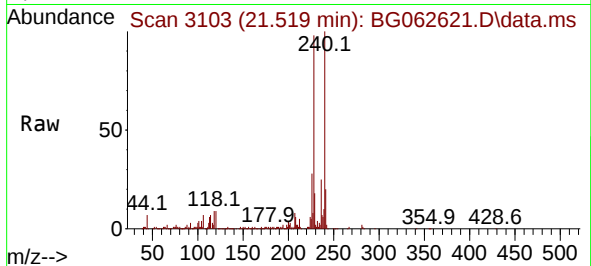
Tgt Ion:149 Resp: 42549
 Ion Ratio Lower Upper
 149 100
 91 64.7 54.6 81.8
 206 23.5 18.4 27.6





#81
Benzo(a)anthracene
Concen: 4.442 ng
RT: 21.519 min Scan# 3102
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

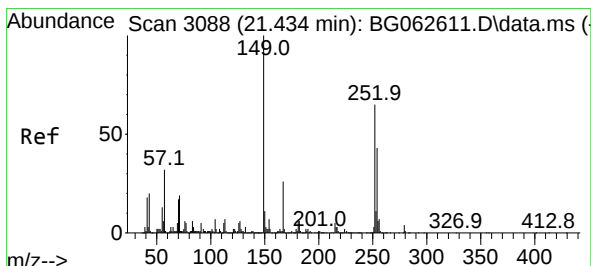
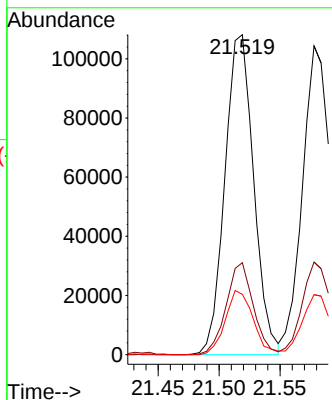
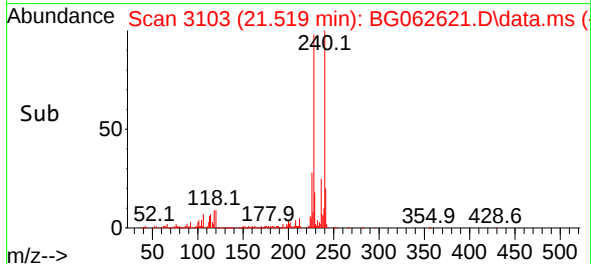
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:228 Resp: 177970
Ion Ratio Lower Upper
228 100
226 28.8 22.3 33.5
229 18.8 16.2 24.2

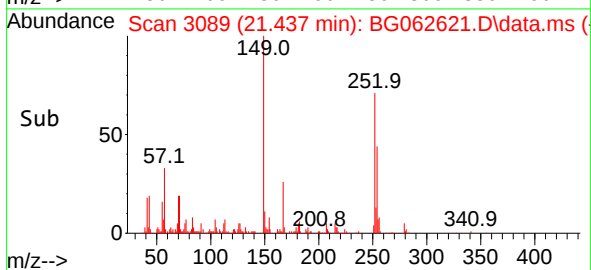
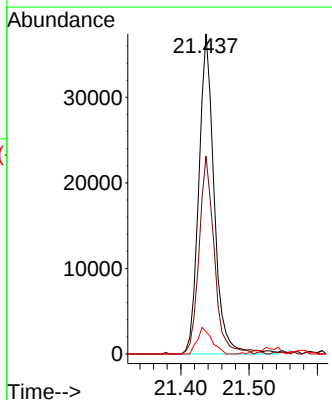
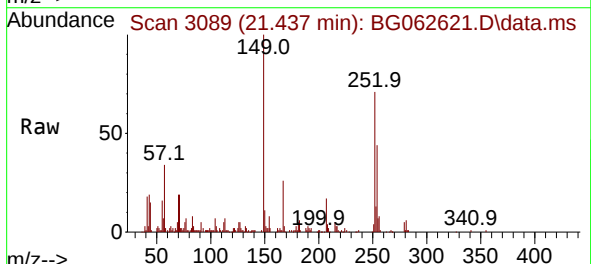
Manual Integrations
APPROVED

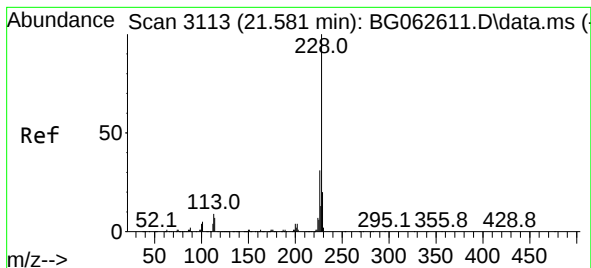
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#82
3,3'-Dichlorobenzidine
Concen: 4.495 ng
RT: 21.437 min Scan# 3089
Delta R.T. 0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

Tgt Ion:252 Resp: 58661
Ion Ratio Lower Upper
252 100
254 61.8 52.2 78.2
126 6.9 6.7 10.1





#83

Chrysene

Concen: 4.417 ng

RT: 21.578 min Scan# 3113

Delta R.T. -0.003 min

Lab File: BG062621.D

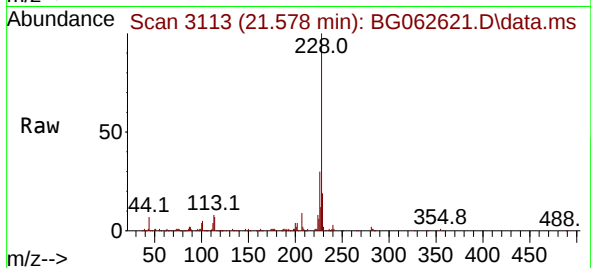
Acq: 3 Sep 2024 11:49

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2024



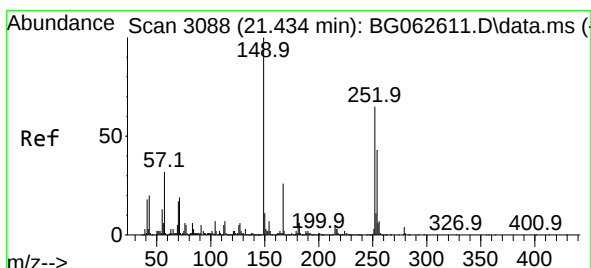
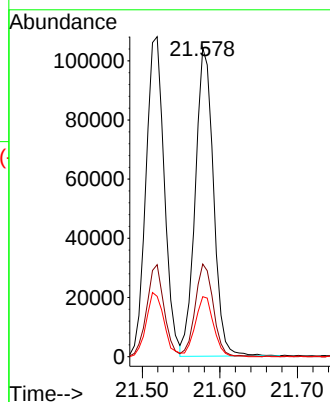
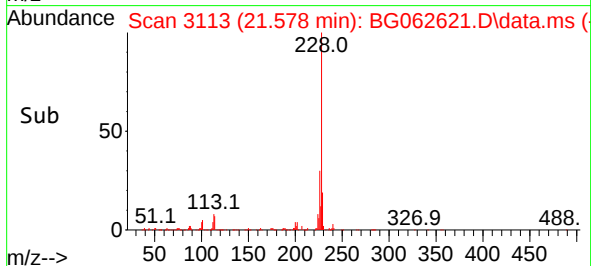
Tgt Ion:228 Resp: 16950

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	19.4	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.885 ng

RT: 21.437 min Scan# 3089

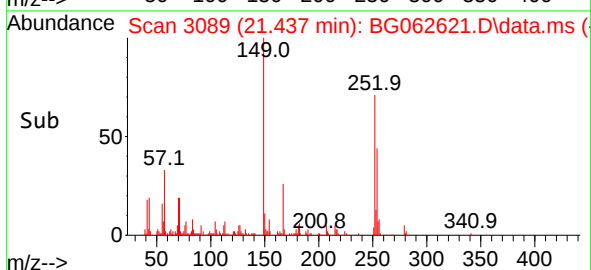
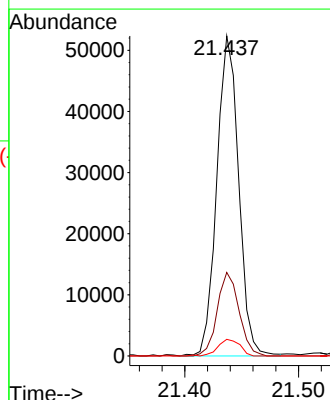
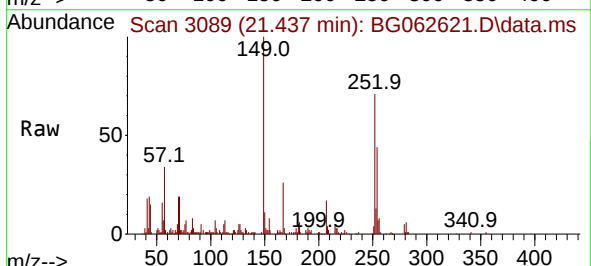
Delta R.T. 0.003 min

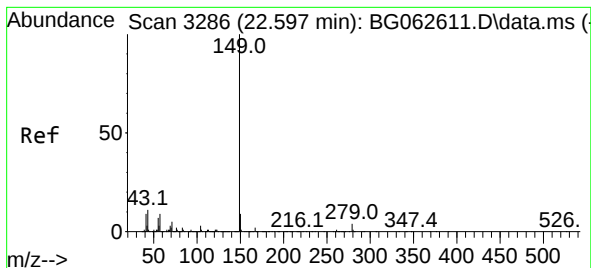
Lab File: BG062621.D

Acq: 3 Sep 2024 11:49

Tgt Ion:149 Resp: 70004

Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.5	30.7
279	5.2	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 3.639 ng

RT: 22.600 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG062621.D

Acq: 3 Sep 2024 11:49

Instrument :

BNA_G

ClientSampleId :

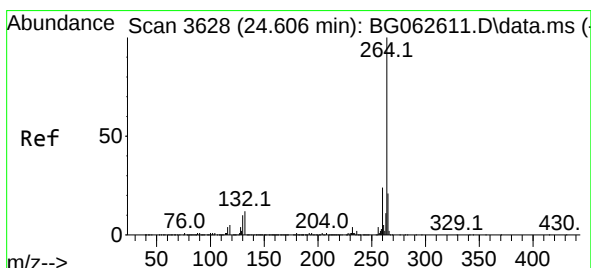
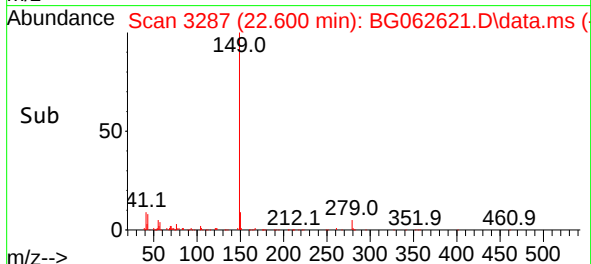
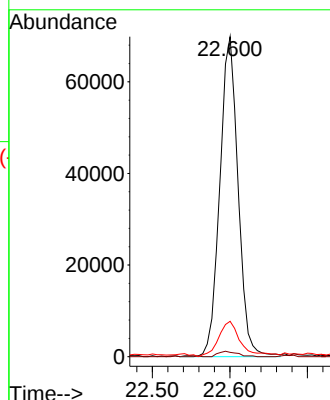
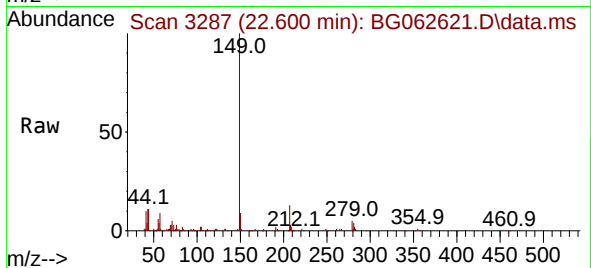
LOQ-SOIL-02-QT3-2024

Tgt Ion:149	Resp: 114809
Ion Ratio	Lower Upper
149 100	
167 1.8	1.4 2.0
43 13.5	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#86

Perylene-d12

Concen: 20.000 ng

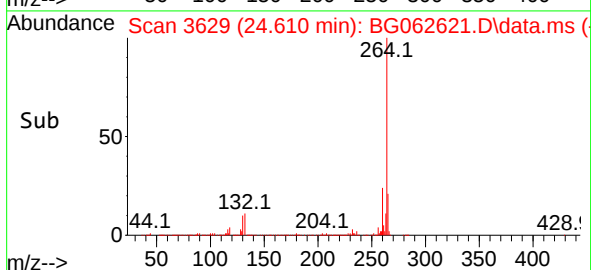
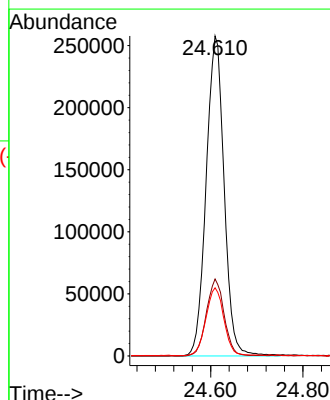
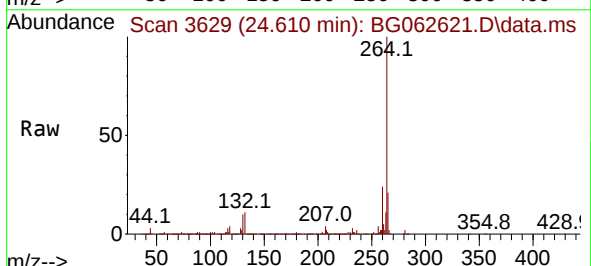
RT: 24.610 min Scan# 3629

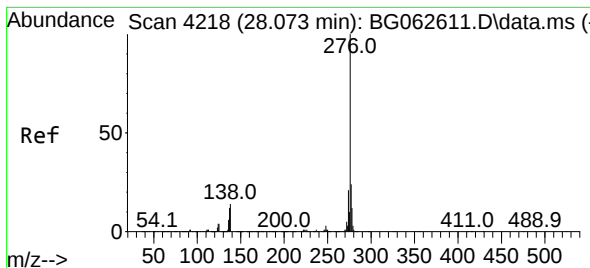
Delta R.T. 0.003 min

Lab File: BG062621.D

Acq: 3 Sep 2024 11:49

Tgt Ion:264	Resp: 697700
Ion Ratio	Lower Upper
264 100	
260 24.0	19.0 28.4
265 21.3	17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.330 ng

RT: 28.070 min Scan# 4218

Delta R.T. -0.003 min

Lab File: BG062621.D

Acq: 3 Sep 2024 11:49

Instrument :

BNA_G

ClientSampleId :

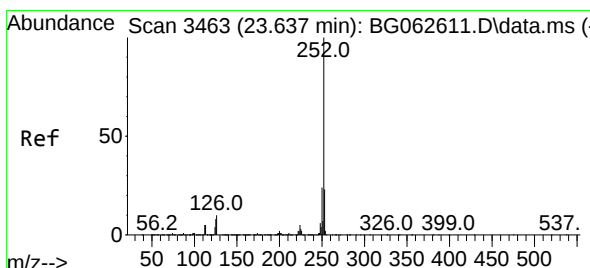
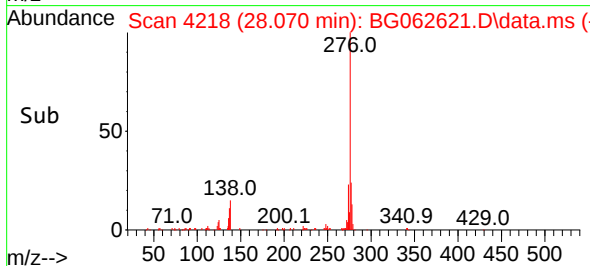
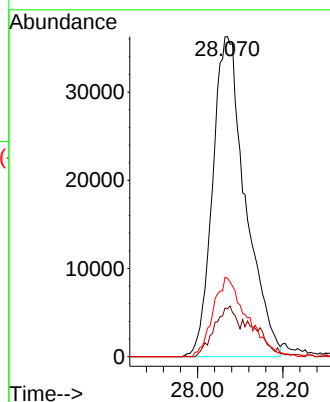
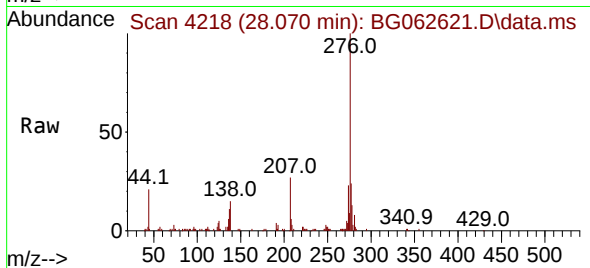
LOQ-SOIL-02-QT3-2024

Tgt Ion:	276	Resp:	19369
Ion Ratio	Lower	Upper	
276	100		
138	11.0	14.9	22.3
277	25.6	20.3	30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#88

Benzo(b)fluoranthene

Concen: 4.245 ng

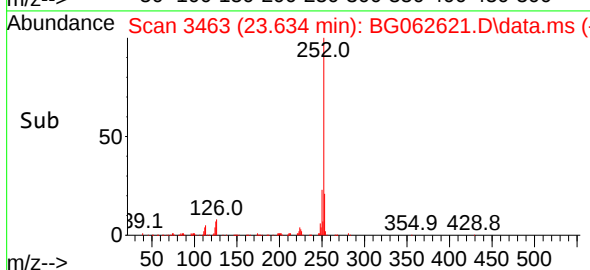
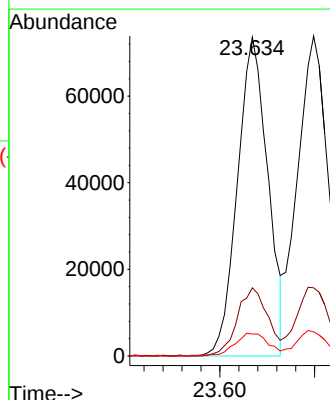
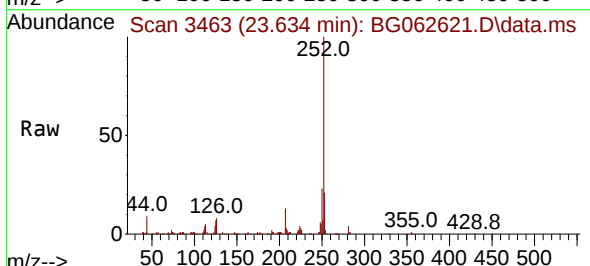
RT: 23.634 min Scan# 3463

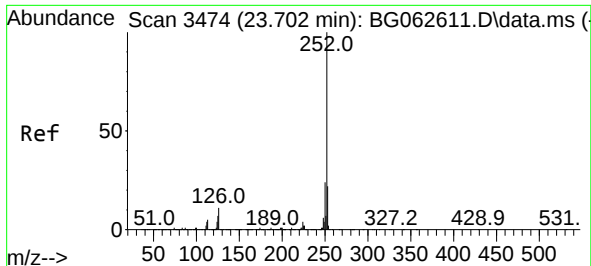
Delta R.T. -0.003 min

Lab File: BG062621.D

Acq: 3 Sep 2024 11:49

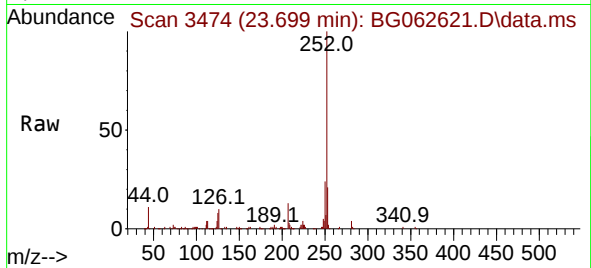
Tgt Ion:	252	Resp:	163587
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.2	27.2
125	6.9	6.2	9.2





#89
Benzo(k)fluoranthene
Concen: 4.452 ng
RT: 23.699 min Scan# 3474
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

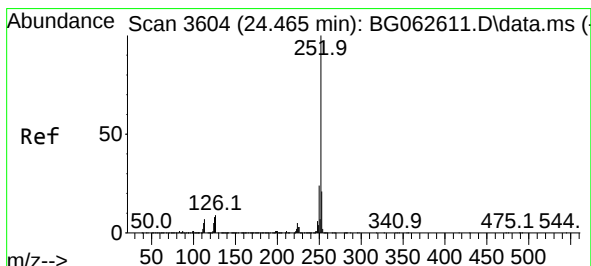
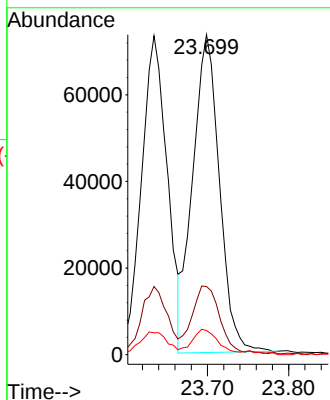
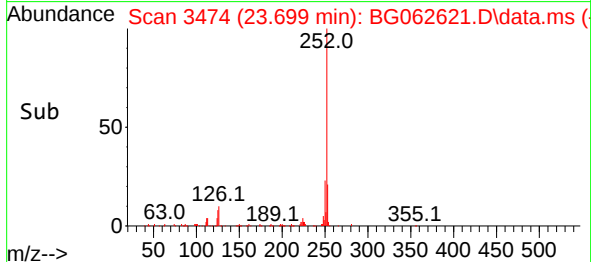
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion:252 Resp: 167810
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 7.5 6.1 9.1

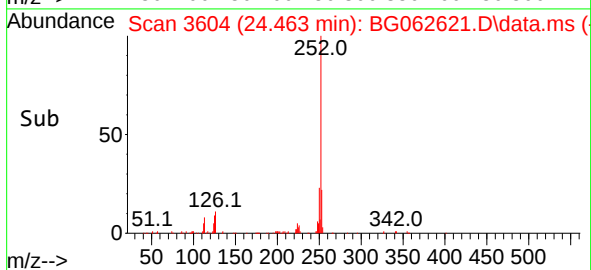
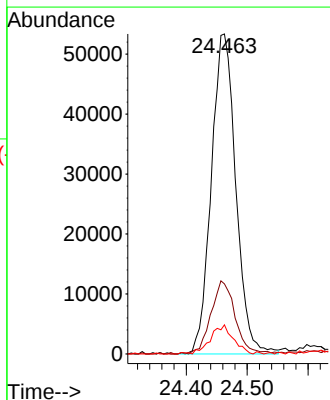
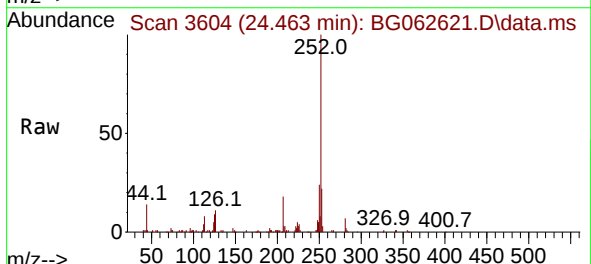
Manual Integrations
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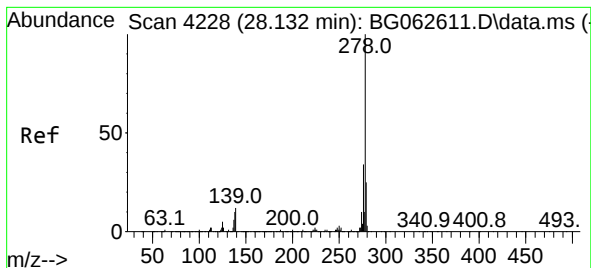
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#90
Benzo(a)pyrene
Concen: 4.379 ng
RT: 24.463 min Scan# 3604
Delta R.T. -0.003 min
Lab File: BG062621.D
Acq: 3 Sep 2024 11:49

Tgt Ion:252 Resp: 149092
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.1 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 4.349 ng

RT: 28.123 min Scan# 41

Delta R.T. -0.009 min

Lab File: BG062621.D

Acq: 3 Sep 2024 11:49

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion:278 Resp: 16029

Ion Ratio Lower Upper

278 100

139 10.4 9.2 13.8

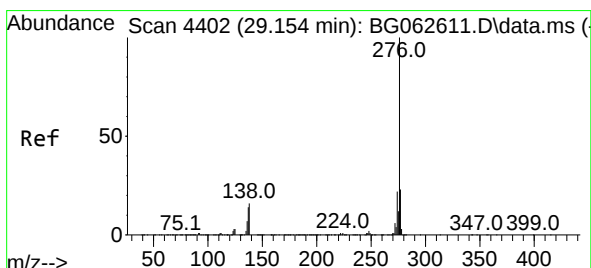
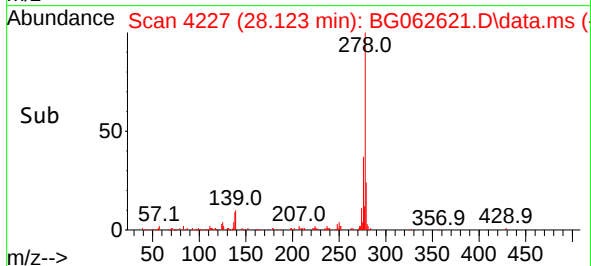
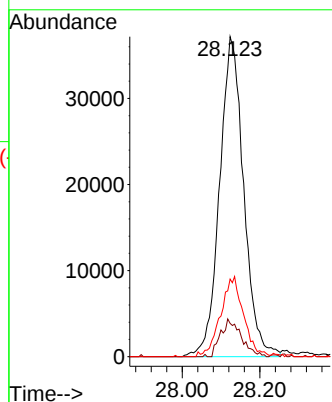
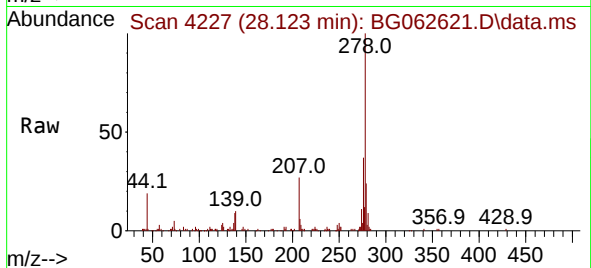
279 24.3 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024

Supervised By :mohammad ahmed 09/06/2024



#92

Benzo(g,h,i)perylene

Concen: 4.105 ng

RT: 29.145 min Scan# 4401

Delta R.T. -0.009 min

Lab File: BG062621.D

Acq: 3 Sep 2024 11:49

Tgt Ion:276 Resp: 152536

Ion Ratio Lower Upper

276 100

277 21.2 18.8 28.2

138 15.9 12.7 19.1

