

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
 Data File : BG062623.D
 Acq On : 3 Sep 2024 13:09
 Operator : MA/JU
 Sample : P3390-02
 Misc : LOQ--SOIL-10ng
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 04 04:54:23 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	62112	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	276546	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	229026	20.000	ng	0.00
64) Phenanthrene-d10	17.290	188	617606	20.000	ng	0.00
76) Chrysene-d12	21.538	240	634372	20.000	ng	0.00
86) Perylene-d12	24.610	264	686367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	418497	116.465	ng	0.00
7) Phenol-d6	7.090	99	610915	117.686	ng	0.00
23) Nitrobenzene-d5	9.076	82	428829	83.513	ng	0.00
42) 2,4,6-Tribromophenol	16.038	330	419439	130.135	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	1148090	81.199	ng	0.00
79) Terphenyl-d14	19.910	244	2406049	75.205	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	17394	11.620	ng	94
3) Pyridine	3.805	79	39872	9.244	ng	93
4) n-Nitrosodimethylamine	3.717	42	21131	10.078	ng	# 94
6) Aniline	7.248	93	55815	11.508	ng	96
8) 2-Chlorophenol	7.489	128	38088	9.873	ng	92
9) Benzaldehyde	7.060	77	39040	12.929	ng	94
10) Phenol	7.113	94	50709	9.649	ng	94
11) bis(2-Chloroethyl)ether	7.342	93	40479	10.061	ng	93
12) 1,3-Dichlorobenzene	7.812	146	41974	9.915	ng	98
13) 1,4-Dichlorobenzene	7.959	146	43060	9.883	ng	99
14) 1,2-Dichlorobenzene	8.277	146	39760	9.284	ng	99
15) Benzyl Alcohol	8.153	79	38377	9.992	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.441	45	74199	9.676	ng	99
17) 2-Methylphenol	8.359	107	32181	8.785	ng	96
18) Hexachloroethane	9.005	117	15017	9.192	ng	93
19) n-Nitroso-di-n-propyla...	8.717	70	38735	9.470	ng	94
20) 3+4-Methylphenols	8.688	107	47022	8.701	ng	95
22) Acetophenone	8.741	105	71755	9.618	ng	# 94
24) Nitrobenzene	9.117	77	53237	9.751	ng	97
25) Isophorone	9.640	82	111690	9.909	ng	98
26) 2-Nitrophenol	9.828	139	19758	9.578	ng	96
27) 2,4-Dimethylphenol	9.892	122	13625	4.508	ng	94
28) bis(2-Chloroethoxy)met...	10.121	93	58214	9.648	ng	100
29) 2,4-Dichlorophenol	10.362	162	41241	9.758	ng	97
30) 1,2,4-Trichlorobenzene	10.580	180	48815	9.743	ng	96
31) Naphthalene	10.768	128	134292	9.797	ng	99
32) Benzoic acid	9.963	122	23233m	7.147	ng	
33) 4-Chloroaniline	10.874	127	56126	10.405	ng	97
34) Hexachlorobutadiene	11.056	225	33310	9.519	ng	92
35) Caprolactam	11.620	113	15875	9.744	ng	93
36) 4-Chloro-3-methylphenol	11.996	107	48116	9.439	ng	97
37) 2-Methylnaphthalene	12.372	142	103094	9.697	ng	99
38) 1-Methylnaphthalene	12.595	142	100980	9.459	ng	97
40) 1,2,4,5-Tetrachloroben...	12.742	216	71202	10.338	ng	98
41) Hexachlorocyclopentadiene	12.724	237	18264	9.294	ng	94
43) 2,4,6-Trichlorophenol	12.983	196	43358	9.930	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.053	196	46562	9.417	ng	98
46) 1,1'-Biphenyl	13.382	154	156519	10.244	ng	99
47) 2-Chloronaphthalene	13.423	162	124294	10.037	ng	97
48) 2-Nitroaniline	13.623	65	31129	9.558	ng	96
49) Acenaphthylene	14.270	152	200100	10.912	ng	98
50) Dimethylphthalate	13.999	163	169426	10.117	ng	99
51) 2,6-Dinitrotoluene	14.117	165	28585	9.024	ng	97
52) Acenaphthene	14.610	154	113436	9.895	ng	100
53) 3-Nitroaniline	14.446	138	30388	9.914	ng	98
54) 2,4-Dinitrophenol	14.651	184	13577	7.638	ng	# 91
55) Dibenzofuran	14.945	168	207234	10.541	ng	94
56) 4-Nitrophenol	14.757	139	26389	10.159	ng	94
57) 2,4-Dinitrotoluene	14.904	165	38294	8.860	ng	99
58) Fluorene	15.592	166	160007	10.371	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.174	232	47235	10.084	ng	# 98
60) Diethylphthalate	15.362	149	164888	9.934	ng	98
61) 4-Chlorophenyl-phenyle...	15.592	204	90512	10.219	ng	95
62) 4-Nitroaniline	15.603	138	33459	9.900	ng	98
63) Azobenzene	15.879	77	155889	10.002	ng	98
65) 4,6-Dinitro-2-methylph...	15.668	198	22388	8.123	ng	94
66) n-Nitrosodiphenylamine	15.803	169	144520	9.733	ng	97
67) 4-Bromophenyl-phenylether	16.485	248	63696	9.993	ng	91
68) Hexachlorobenzene	16.602	284	74810	9.910	ng	97
69) Atrazine	16.749	200	64250	12.739	ng	98
70) Pentachlorophenol	16.943	266	37275	7.710	ng	94
71) Phenanthrene	17.337	178	296583	10.288	ng	99
72) Anthracene	17.425	178	285028	10.056	ng	98
73) Carbazole	17.689	167	258436	9.918	ng	99
74) Di-n-butylphthalate	18.259	149	290927	9.901	ng	99
75) Fluoranthene	19.346	202	375735	10.306	ng	99
77) Benzidine	19.528	184	85412	7.470	ng	99
78) Pyrene	19.704	202	397284	9.852	ng	99
80) Butylbenzylphthalate	20.603	149	104387	8.813	ng	98
81) Benzo(a)anthracene	21.520	228	401218	10.028	ng	99
82) 3,3'-Dichlorobenzidine	21.438	252	135372	10.386	ng	97
83) Chrysene	21.579	228	382388	9.977	ng	98
84) Bis(2-ethylhexyl)phtha...	21.438	149	166474	9.252	ng	# 97
85) Di-n-octyl phthalate	22.601	149	278430	8.837	ng	97
87) Indeno(1,2,3-cd)pyrene	28.071	276	444708	10.104	ng	99
88) Benzo(b)fluoranthene	23.635	252	386375	10.192	ng	97
89) Benzo(k)fluoranthene	23.700	252	379186	10.225	ng	99
90) Benzo(a)pyrene	24.463	252	346379	10.342	ng	99
91) Dibenzo(a,h)anthracene	28.136	278	368811	10.172	ng	# 97
92) Benzo(g,h,i)perylene	29.152	276	353891	9.680	ng	96

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

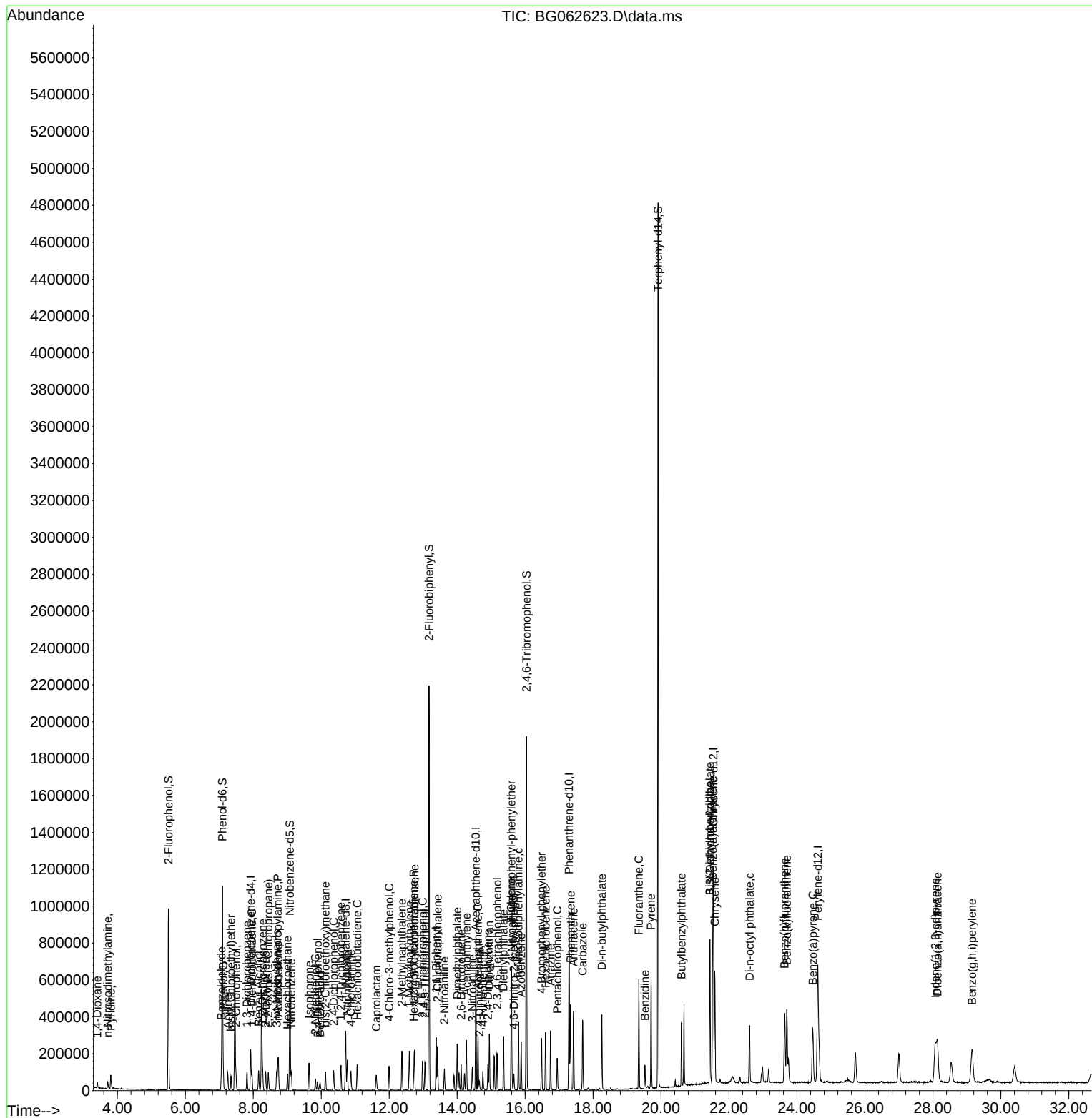
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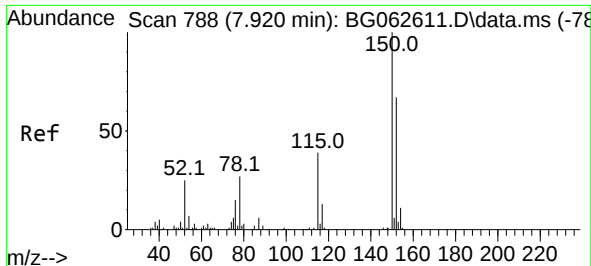
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024

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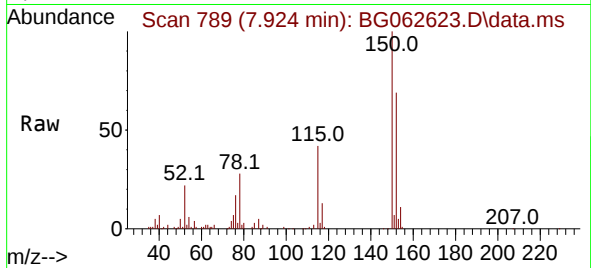
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

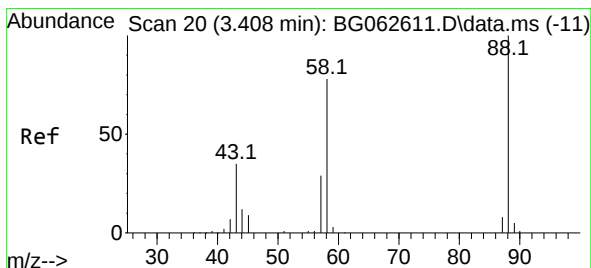
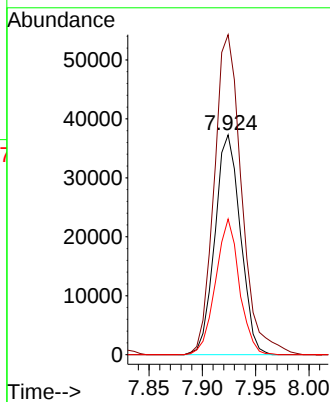
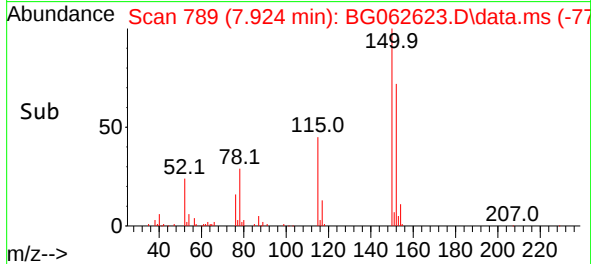
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:152 Resp: 6211
Ion Ratio Lower Upper
152 100
150 145.5 119.9 179.9
115 61.7 46.6 69.8

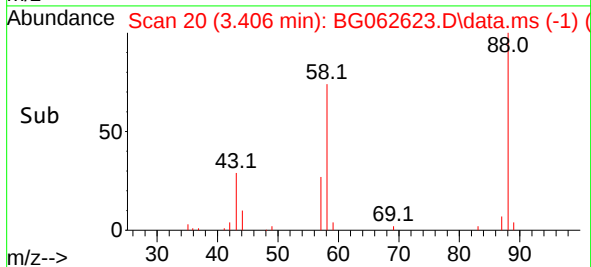
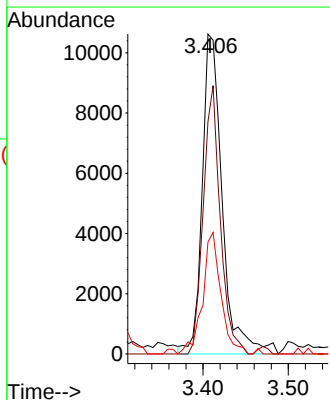
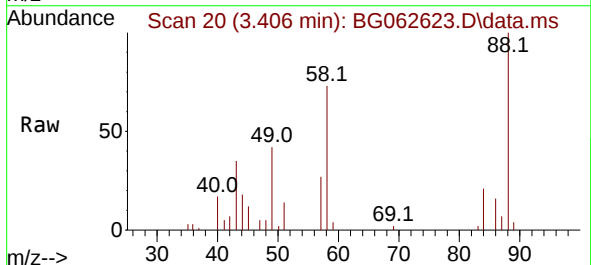
Manual Integrations
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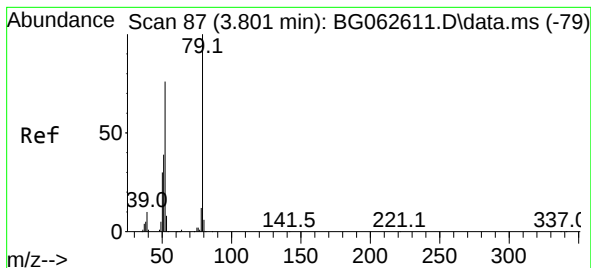
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#2
1,4-Dioxane
Concen: 11.620 ng
RT: 3.406 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

Tgt Ion: 88 Resp: 17394
Ion Ratio Lower Upper
88 100
58 71.0 62.3 93.5
43 35.2 27.5 41.3





#3

Pyridine

Concen: 9.244 ng

RT: 3.805 min Scan# 81

Delta R.T. 0.004 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

Instrument :

BNA_G

ClientSampleId :

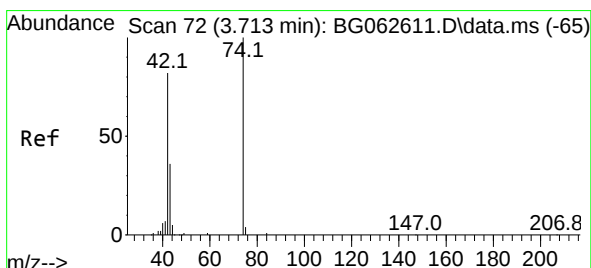
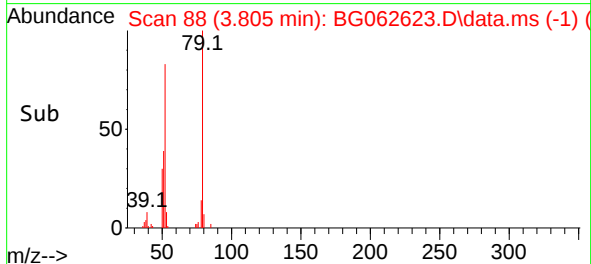
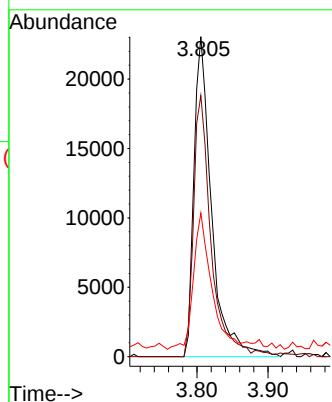
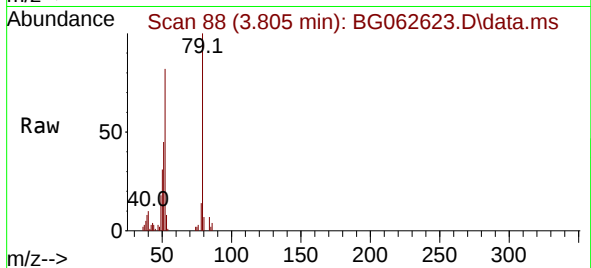
LOQ-SOIL-02-QT3-2024

Tgt Ion: 79	Resp: 3987
Ion Ratio	Lower Upper
79	100
52	81.6 60.9 91.3
51	44.9 31.5 47.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 10.078 ng

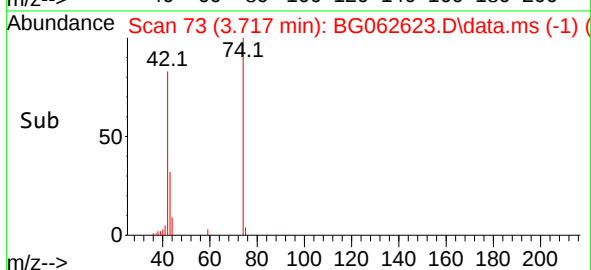
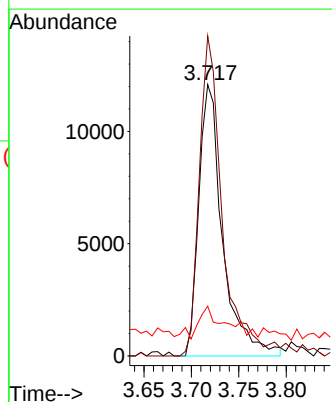
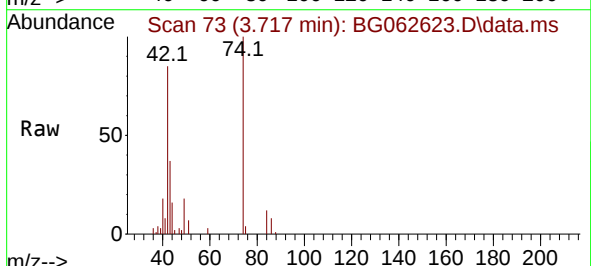
RT: 3.717 min Scan# 73

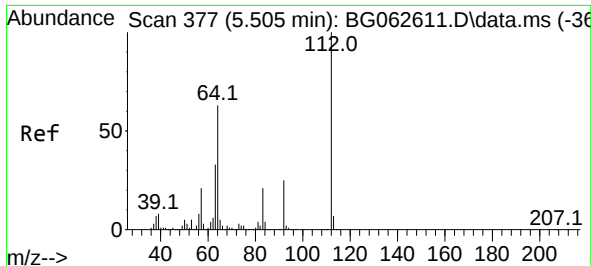
Delta R.T. 0.004 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

Tgt Ion: 42	Resp: 21131
Ion Ratio	Lower Upper
42	100
74	117.9 98.0 147.0
44	18.3 7.4 11.2





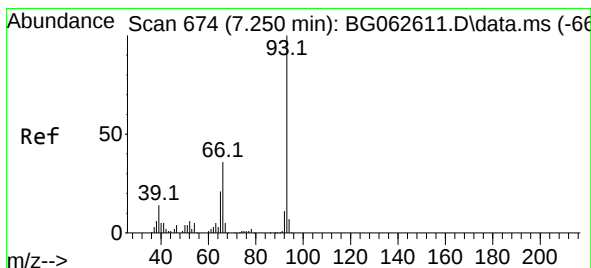
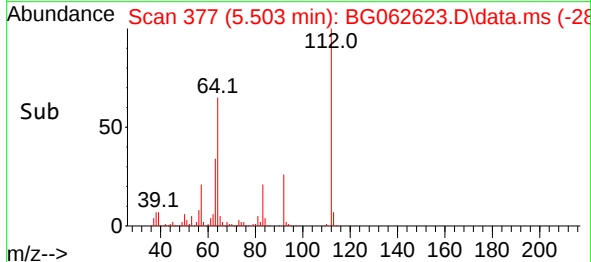
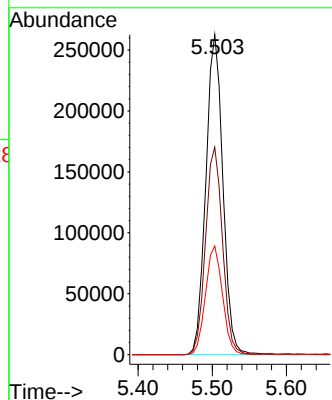
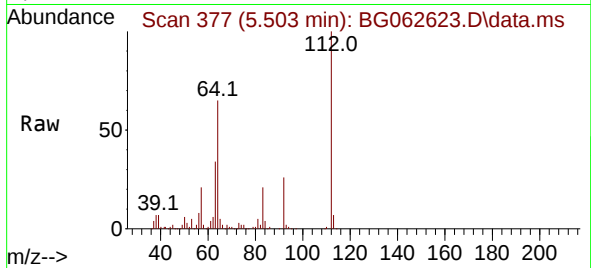
#5
2-Fluorophenol
Concen: 116.465 ng
RT: 5.503 min Scan# 377
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

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

Tgt Ion:112 Resp: 41849
Ion Ratio Lower Upper
112 100
64 64.9 50.2 75.2
63 34.0 26.6 39.8

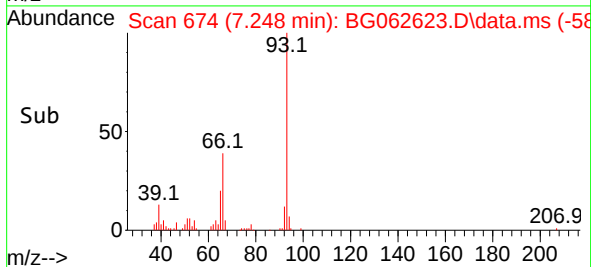
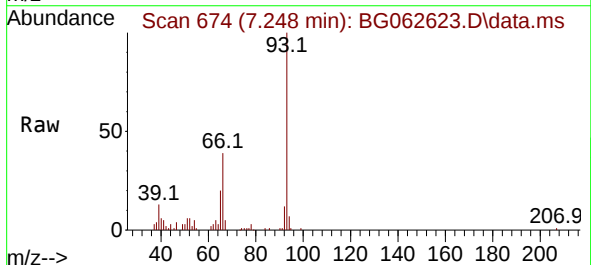
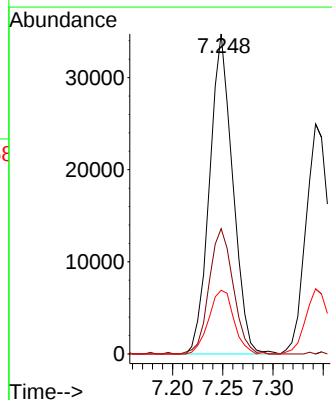
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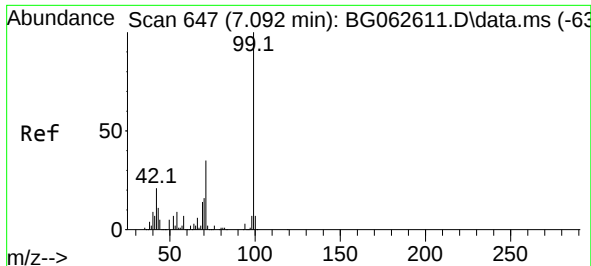
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#6
Aniline
Concen: 11.508 ng
RT: 7.248 min Scan# 674
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

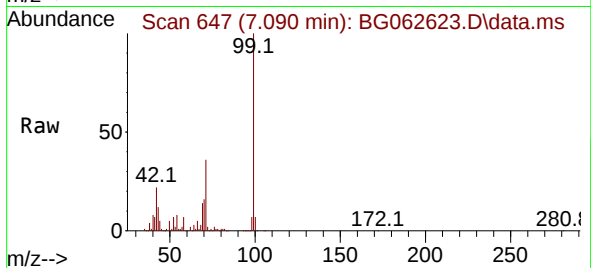
Tgt Ion: 93 Resp: 55815
Ion Ratio Lower Upper
93 100
66 39.2 29.1 43.7
65 19.9 16.6 25.0





#7
Phenol-d6
Concen: 117.686 ng
RT: 7.090 min Scan# 647
Delta R.T. -0.002 min
Lab File: BG062623.D
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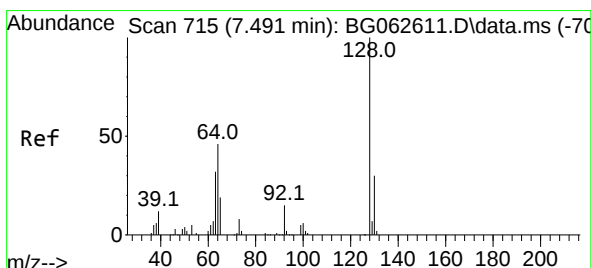
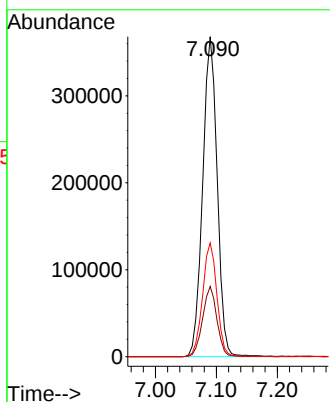
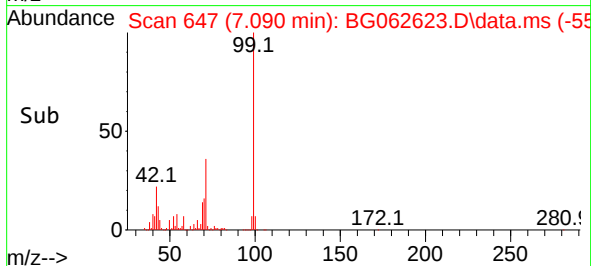
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 99 Resp: 610915
Ion Ratio Lower Upper
99 100
42 22.0 16.9 25.3
71 35.5 27.9 41.9

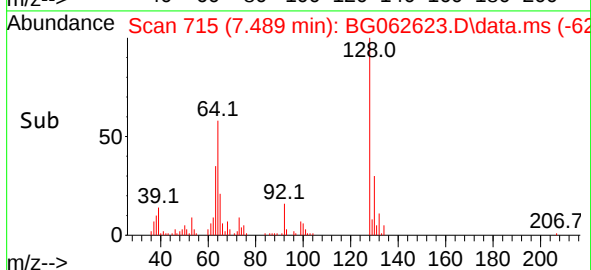
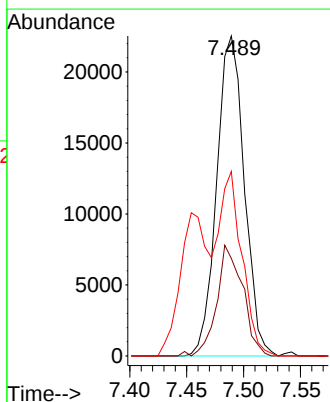
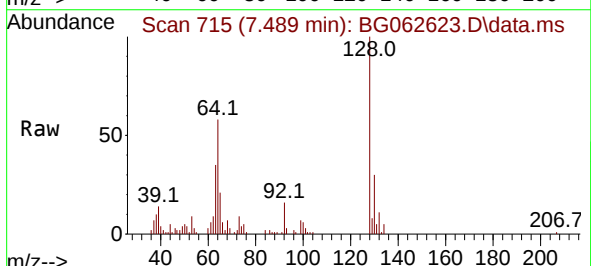
Manual Integrations
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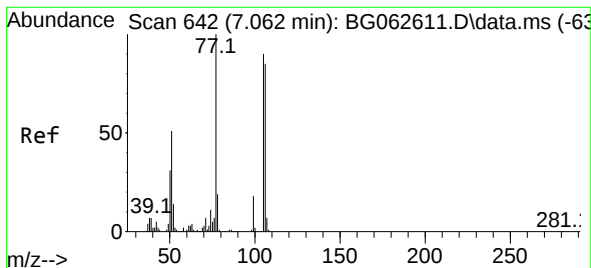
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#8
2-Chlorophenol
Concen: 9.873 ng
RT: 7.489 min Scan# 715
Delta R.T. -0.002 min
Lab File: BG062623.D
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Tgt Ion:128 Resp: 38088
Ion Ratio Lower Upper
128 100
130 30.5 10.0 50.0
64 57.7 28.8 68.8





#9

Benzaldehyde

Concen: 12.929 ng

RT: 7.060 min Scan# 642

Delta R.T. -0.002 min

Lab File: BG062623.D

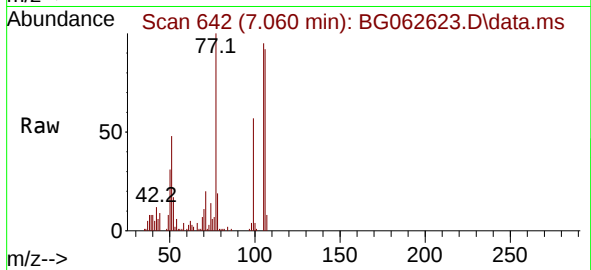
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Instrument :

BNA_G

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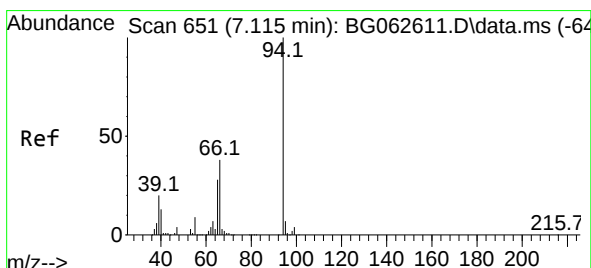
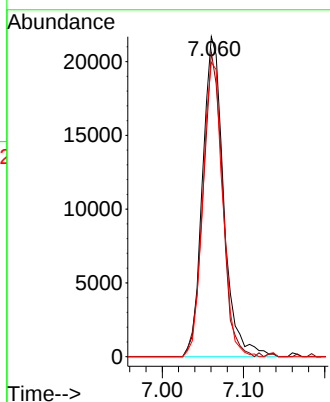
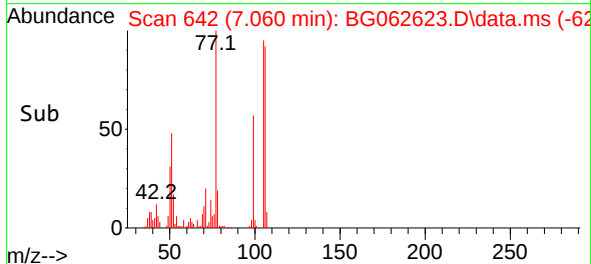


Tgt Ion: 77	Resp: 39040
Ion Ratio	Lower Upper
77 100	
105 95.2	70.2 110.2
106 92.0	65.4 105.4

Manual Integrations

APPROVED

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



#10

Phenol

Concen: 9.649 ng

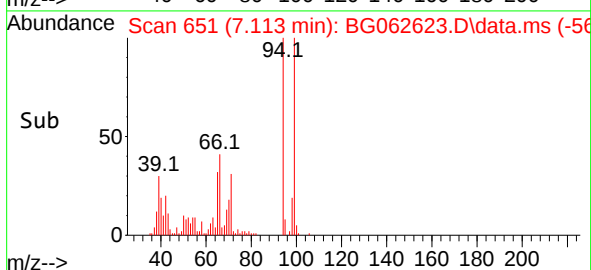
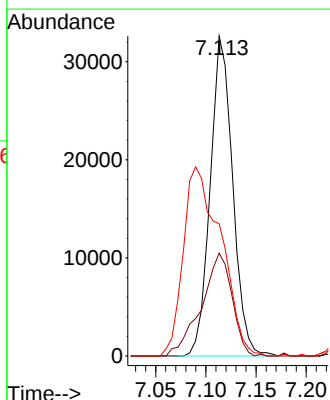
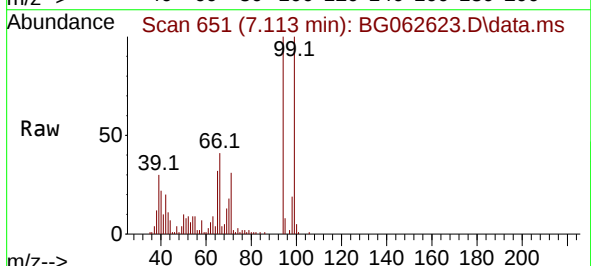
RT: 7.113 min Scan# 651

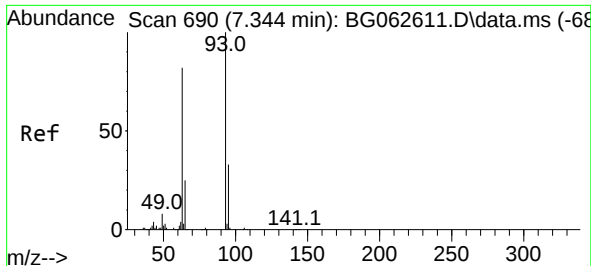
Delta R.T. -0.002 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

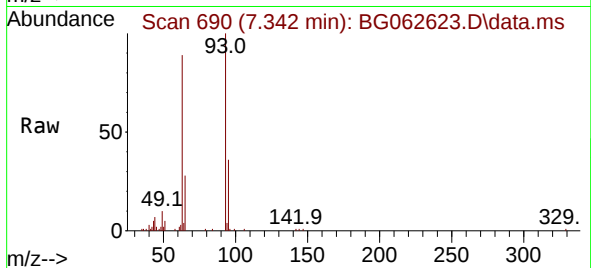
Tgt Ion: 94	Resp: 50709
Ion Ratio	Lower Upper
94 100	
65 32.1	8.6 48.6
66 41.4	18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 10.061 ng
RT: 7.342 min Scan# 690
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

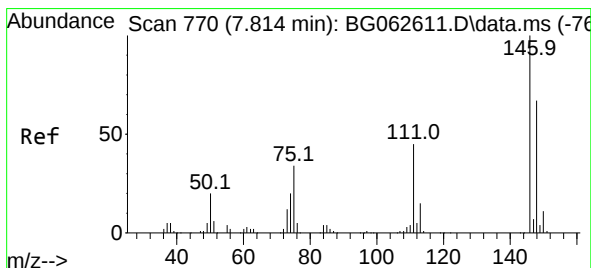
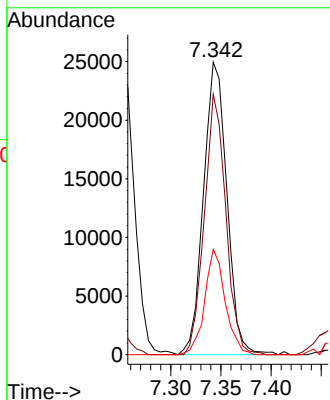
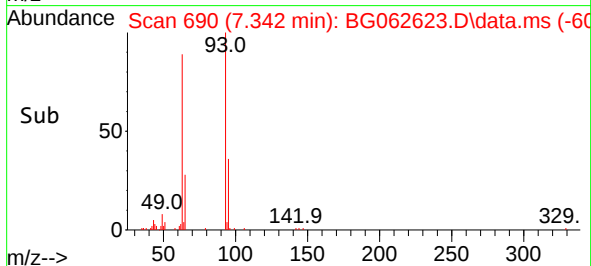
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 93 Resp: 40479
Ion Ratio Lower Upper
93 100
63 89.0 61.9 101.9
95 36.0 12.9 52.9

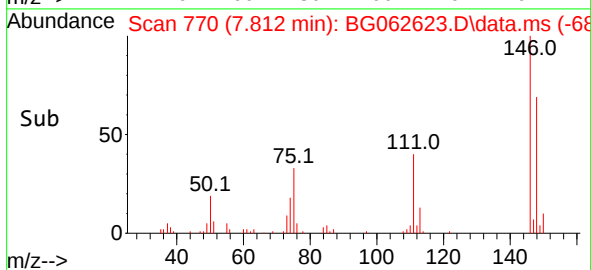
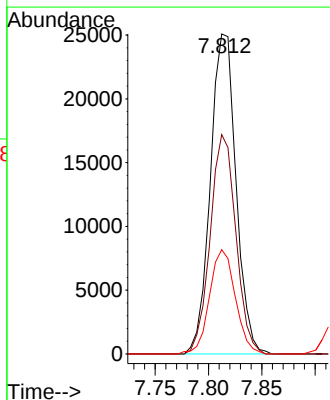
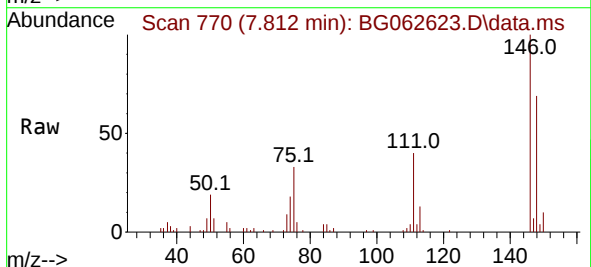
Manual Integrations
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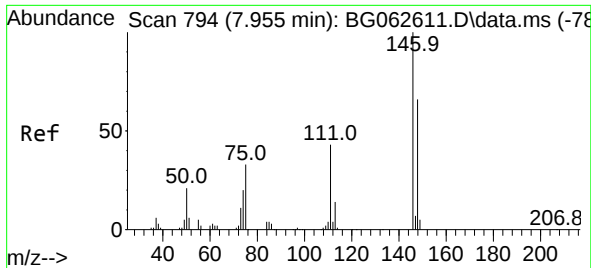
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#12
1,3-Dichlorobenzene
Concen: 9.915 ng
RT: 7.812 min Scan# 770
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

Tgt Ion:146 Resp: 41974
Ion Ratio Lower Upper
146 100
148 68.6 53.9 80.9
75 32.6 27.0 40.4





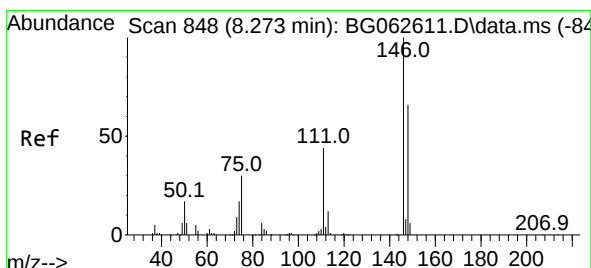
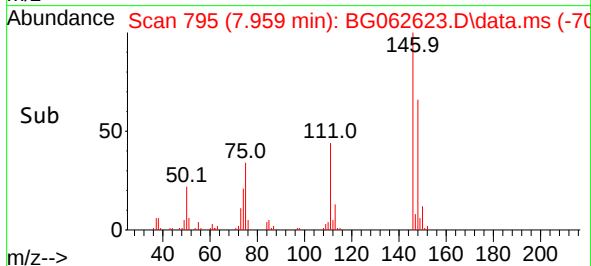
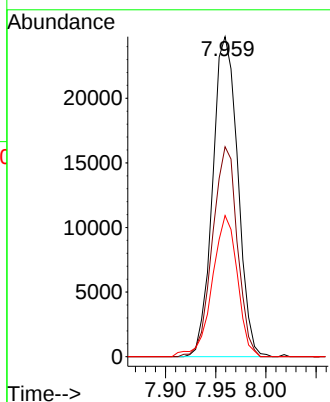
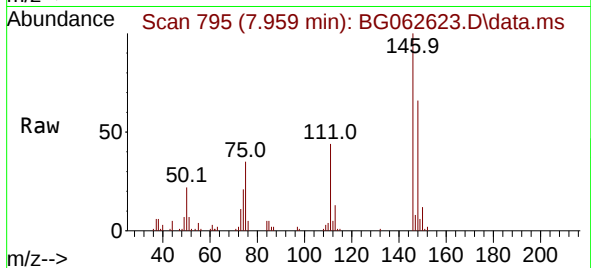
#13
1,4-Dichlorobenzene
Concen: 9.883 ng
RT: 7.959 min Scan# 795
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

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

Tgt Ion:146 Resp: 43060
Ion Ratio Lower Upper
146 100
148 65.6 53.0 79.6
111 44.1 34.9 52.3

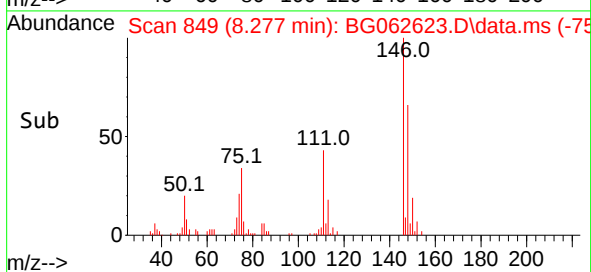
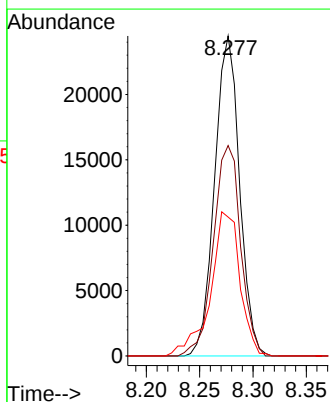
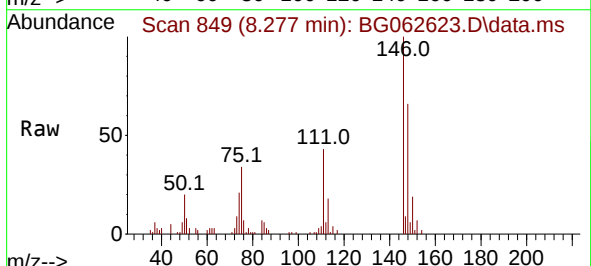
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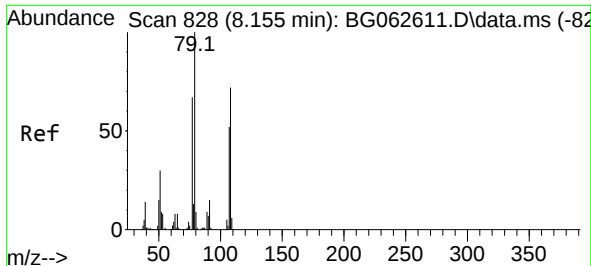
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#14
1,2-Dichlorobenzene
Concen: 9.284 ng
RT: 8.277 min Scan# 849
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

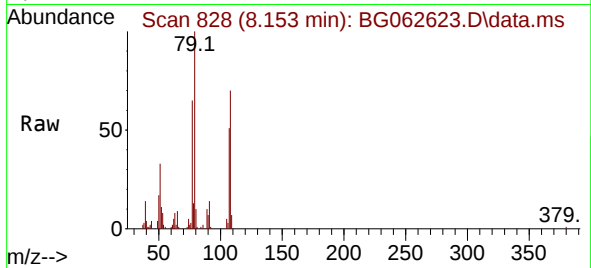
Tgt Ion:146 Resp: 39760
Ion Ratio Lower Upper
146 100
148 65.8 52.5 78.7
111 43.4 35.5 53.3





#15
Benzyl Alcohol
Concen: 9.992 ng
RT: 8.153 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

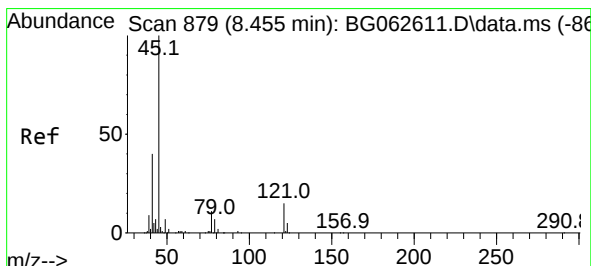
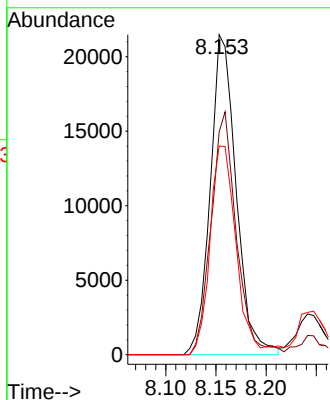
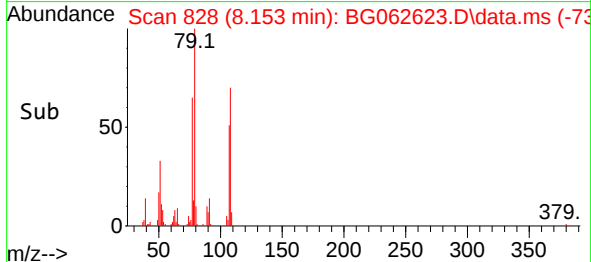
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



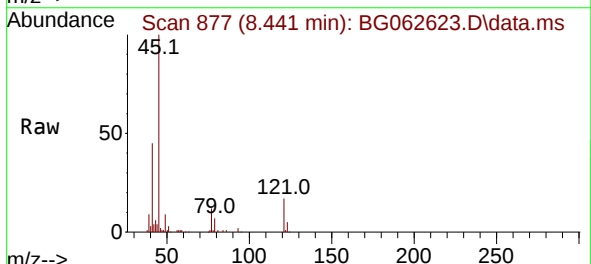
Tgt Ion: 79 Resp: 3837
Ion Ratio Lower Upper
79 100
108 69.6 57.9 86.9
77 65.2 53.4 80.2

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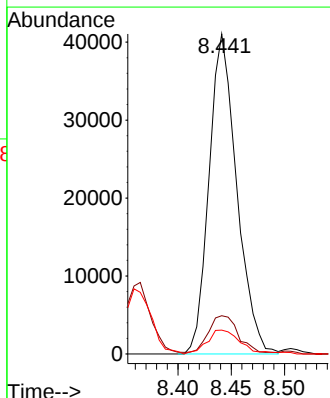
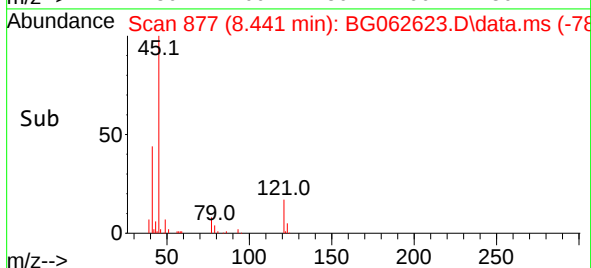
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

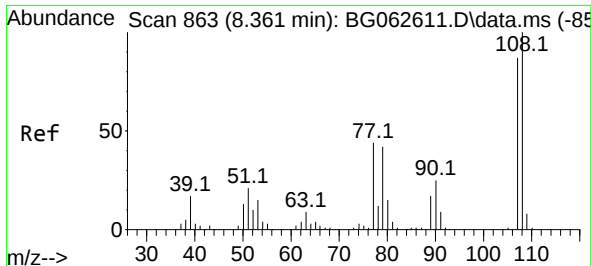


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.676 ng
RT: 8.441 min Scan# 877
Delta R.T. -0.014 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09



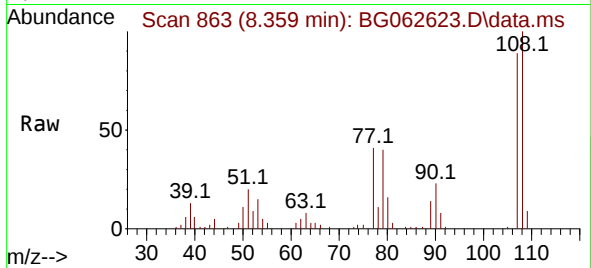
Tgt Ion: 45 Resp: 74199
Ion Ratio Lower Upper
45 100
77 12.0 0.0 31.7
79 7.5 0.0 28.3





#17
2-Methylphenol
Concen: 8.785 ng
RT: 8.359 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

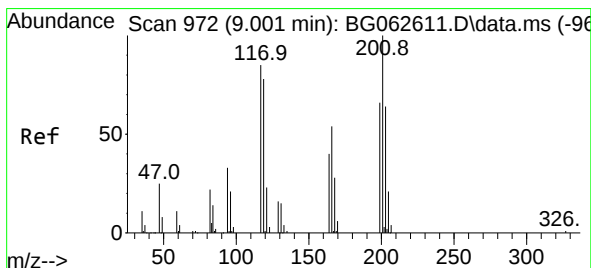
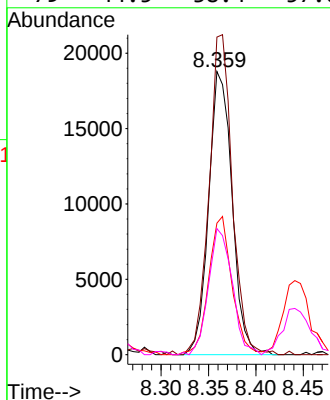
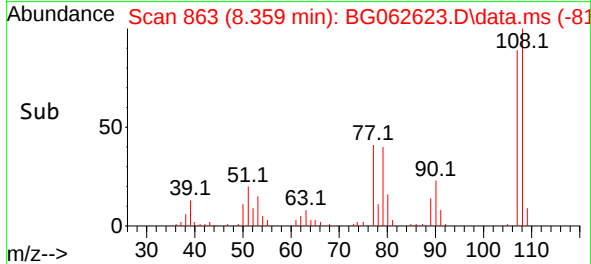
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:	107	Resp:	3218
Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.5	137.3
77	46.4	40.0	60.0
79	44.5	38.4	57.6

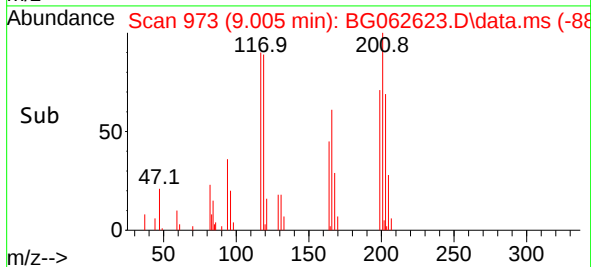
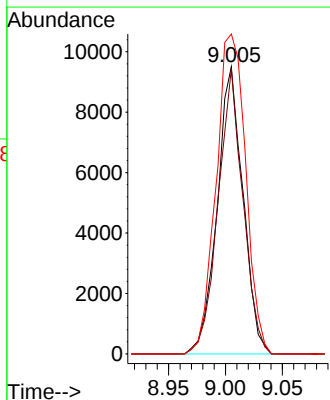
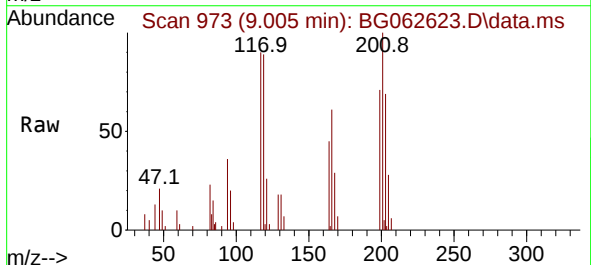
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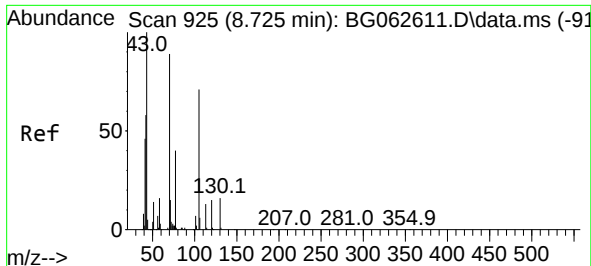
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#18
Hexachloroethane
Concen: 9.192 ng
RT: 9.005 min Scan# 973
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

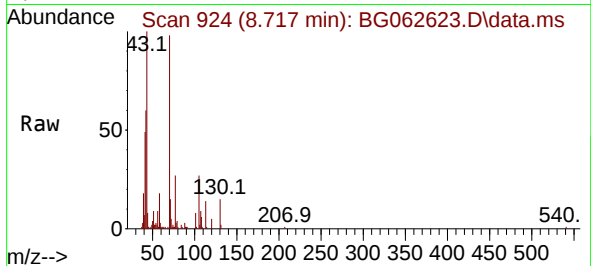
Tgt Ion:	117	Resp:	15017
Ion	Ratio	Lower	Upper
117	100		
119	99.3	73.4	110.0
201	111.4	93.9	140.9





#19
n-Nitroso-di-n-propylamine
Concen: 9.470 ng
RT: 8.717 min Scan# 919
Delta R.T. -0.008 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

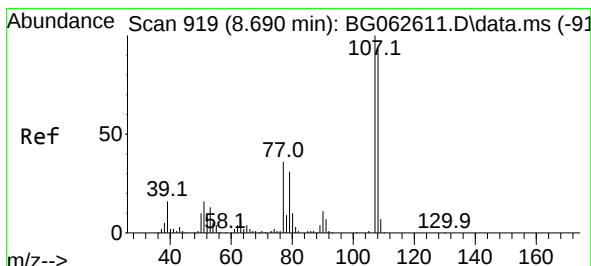
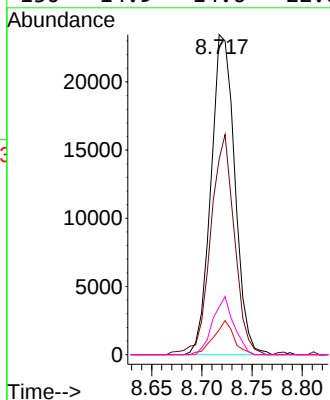
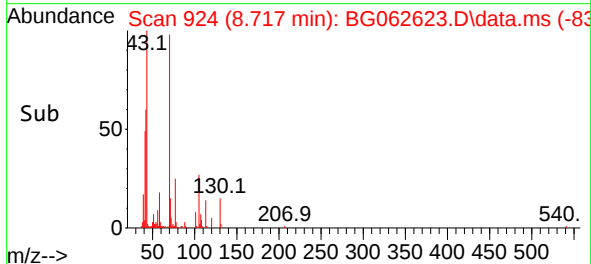
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



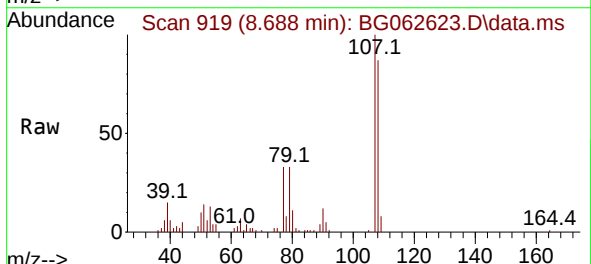
Tgt Ion: 70 Resp: 38735
Ion Ratio Lower Upper
70 100
42 61.1 52.3 78.5
101 7.7 6.6 9.8
130 14.9 14.6 22.0

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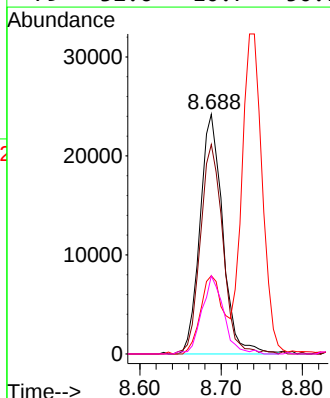
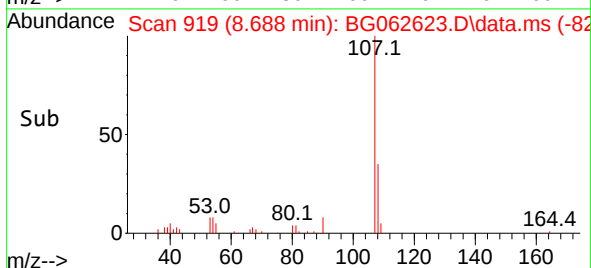
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

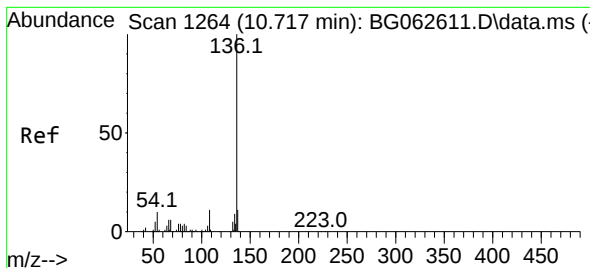


#20
3+4-Methylphenols
Concen: 8.701 ng
RT: 8.688 min Scan# 919
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09



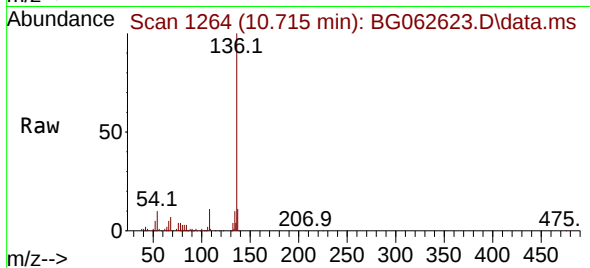
Tgt Ion:107 Resp: 47022
Ion Ratio Lower Upper
107 100
108 87.4 72.7 112.7
77 32.7 16.5 56.5
79 32.6 10.7 50.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1264
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

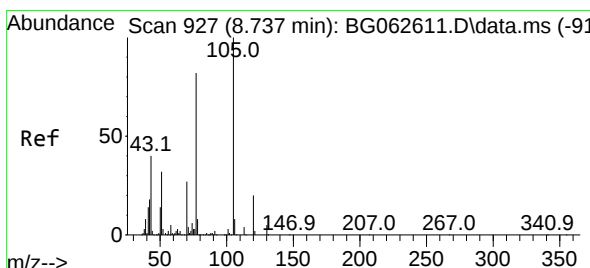
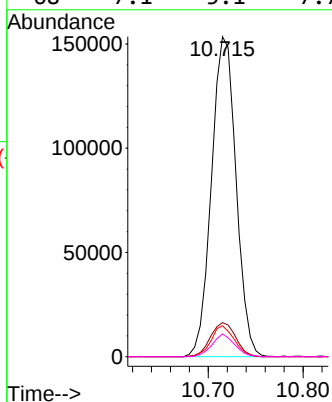
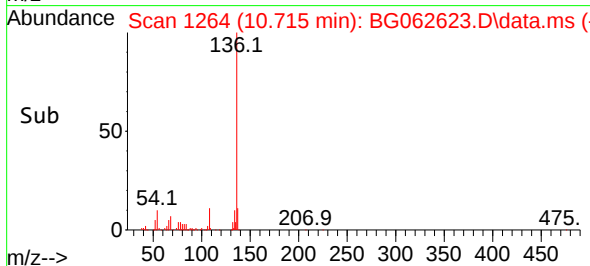
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:136 Resp: 276540
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 9.7 7.8 11.6
68 7.1 5.1 7.7

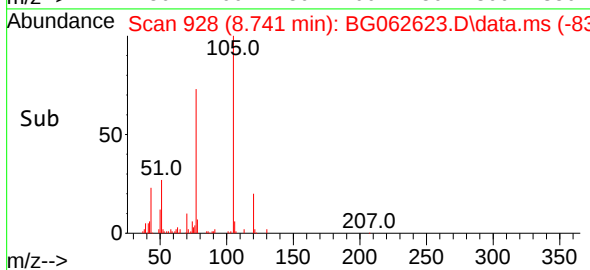
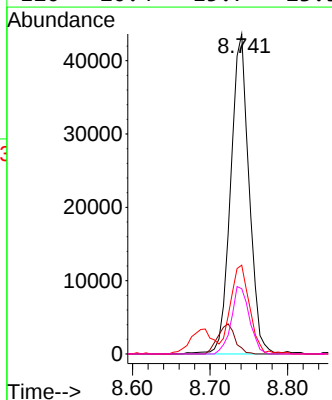
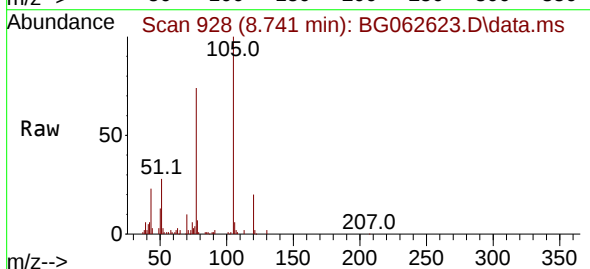
Manual Integrations
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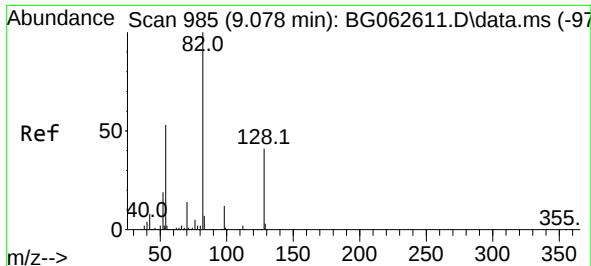
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#22
Acetophenone
Concen: 9.618 ng
RT: 8.741 min Scan# 928
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

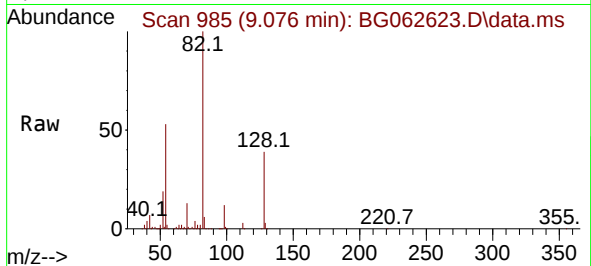
Tgt Ion:105 Resp: 71755
Ion Ratio Lower Upper
105 100
71 1.9 3.5 5.3#
51 27.8 25.7 38.5
120 20.4 15.7 23.5





#23
Nitrobenzene-d5
Concen: 83.513 ng
RT: 9.076 min Scan# 985
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

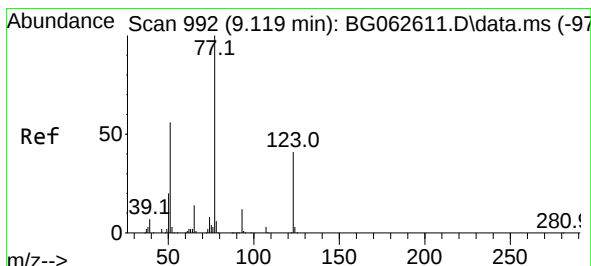
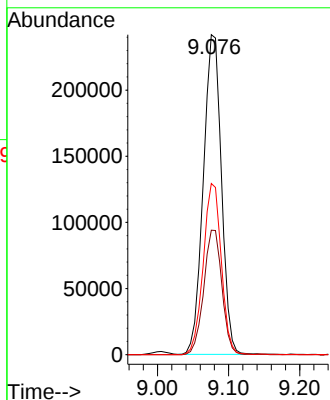
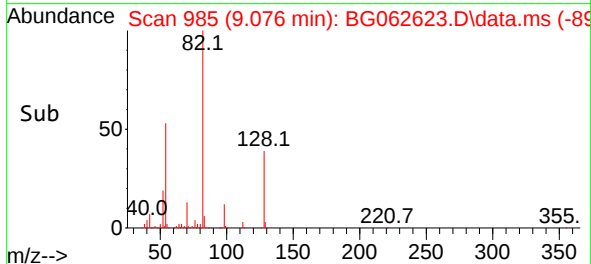
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT3-2024



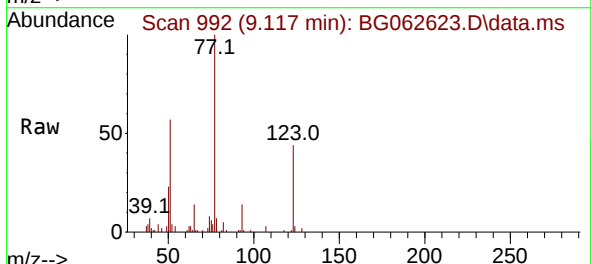
Tgt Ion: 82 Resp: 428829
Ion Ratio Lower Upper
82 100
128 38.9 32.5 48.7
54 53.5 42.5 63.7

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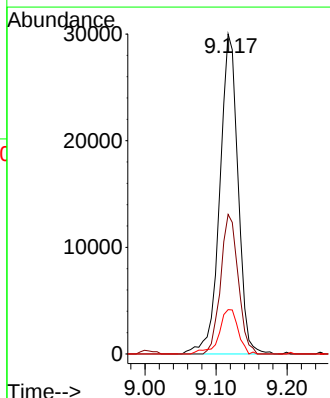
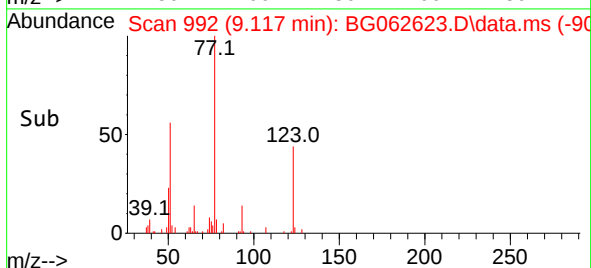
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

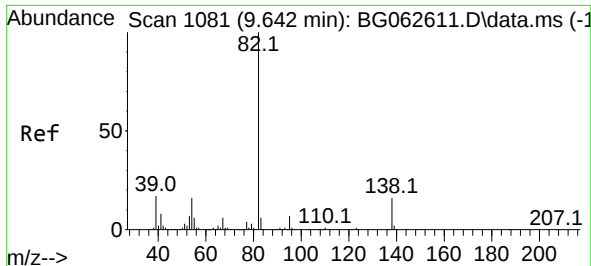


#24
Nitrobenzene
Concen: 9.751 ng
RT: 9.117 min Scan# 992
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09



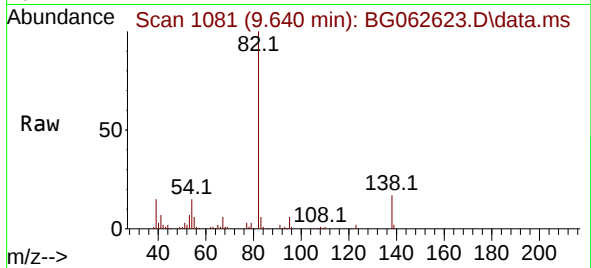
Tgt Ion: 77 Resp: 53237
Ion Ratio Lower Upper
77 100
123 43.6 33.1 49.7
65 13.8 11.0 16.4





#25
Isophorone
Concen: 9.909 ng
RT: 9.640 min Scan# 11081
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

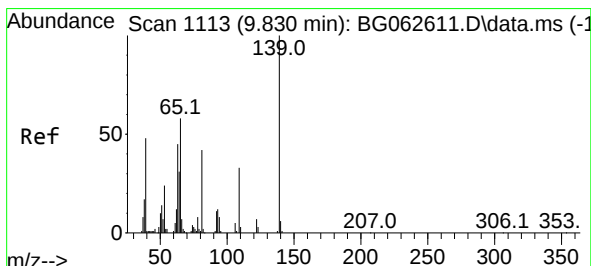
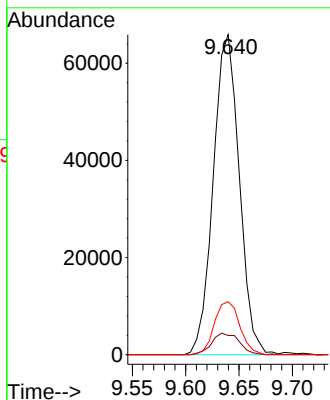
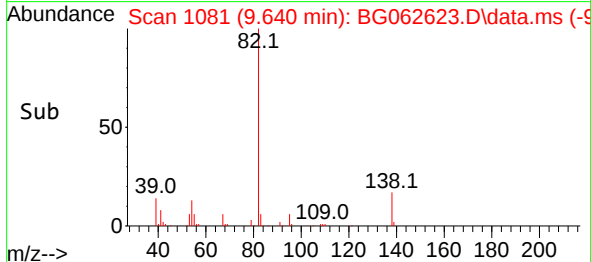
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 82 Resp: 111690
Ion Ratio Lower Upper
82 100
95 6.0 5.4 8.0
138 16.6 12.6 18.8

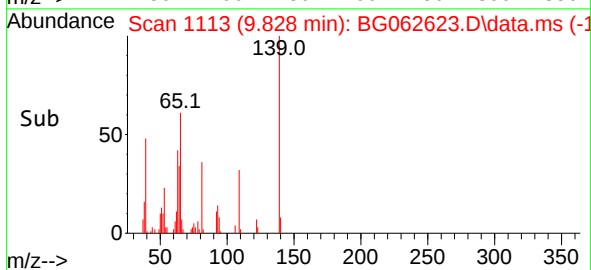
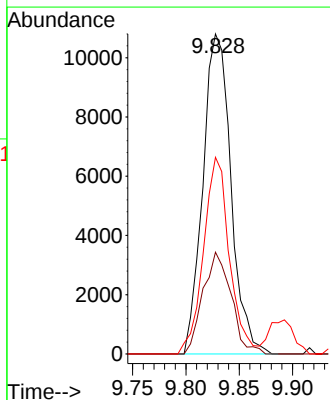
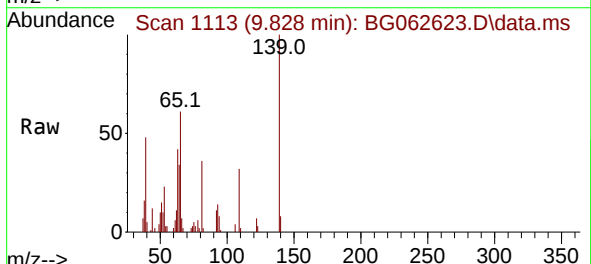
Manual Integrations
APPROVED

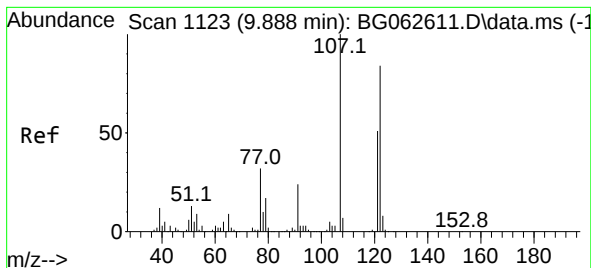
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#26
2-Nitrophenol
Concen: 9.578 ng
RT: 9.828 min Scan# 1113
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

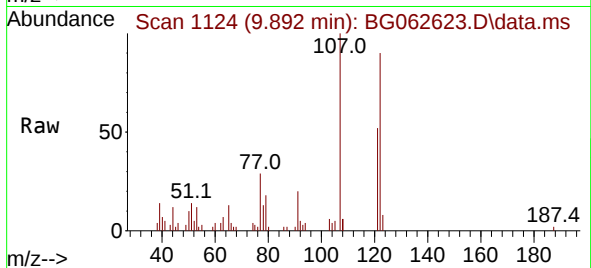
Tgt Ion:139 Resp: 19758
Ion Ratio Lower Upper
139 100
109 31.8 26.6 39.8
65 61.5 46.5 69.7





#27
2,4-Dimethylphenol
Concen: 4.508 ng
RT: 9.892 min Scan# 1123
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

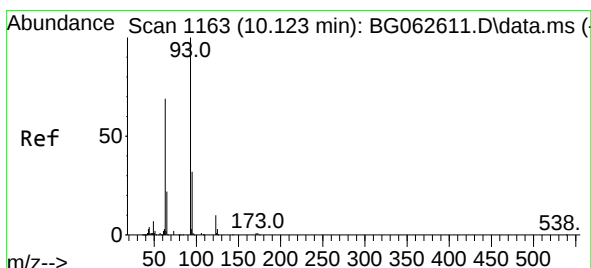
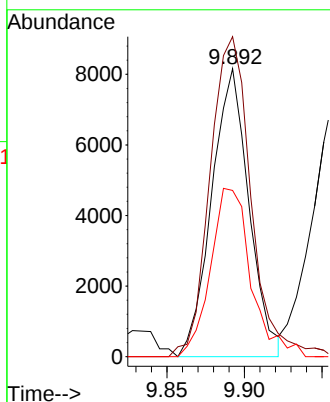
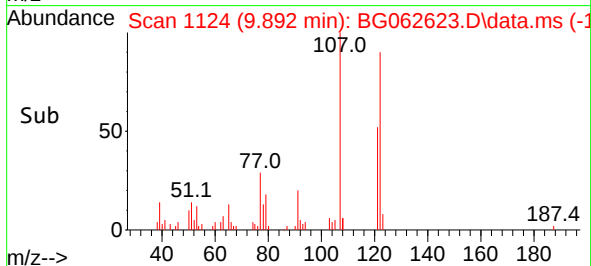
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:122 Resp: 1362
Ion Ratio Lower Upper
122 100
107 111.1 95.8 143.6
121 57.7 48.6 72.8

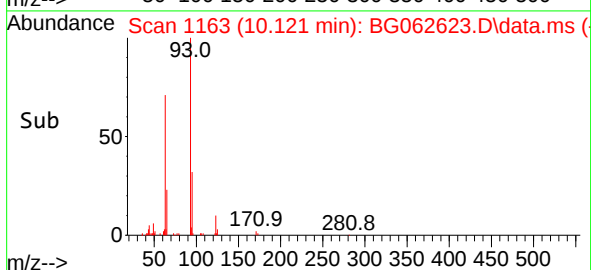
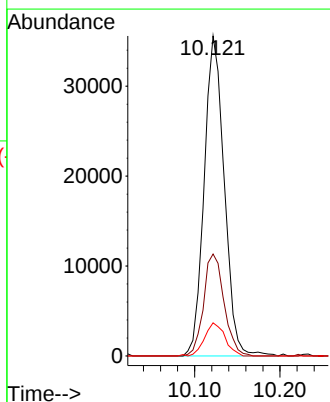
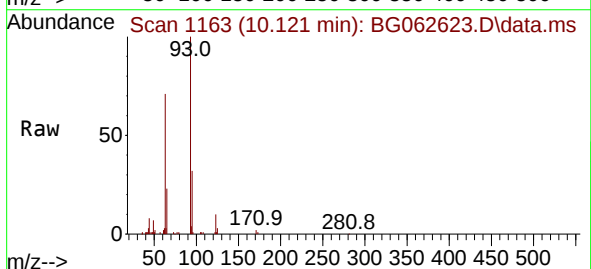
Manual Integrations
APPROVED

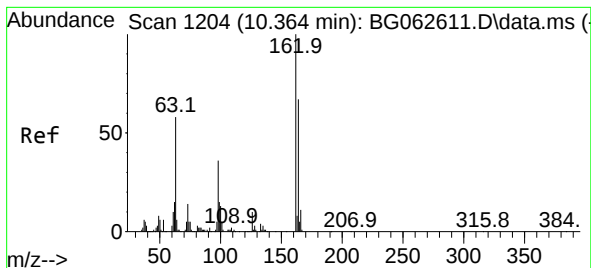
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#28
bis(2-Chloroethoxy)methane
Concen: 9.648 ng
RT: 10.121 min Scan# 1163
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

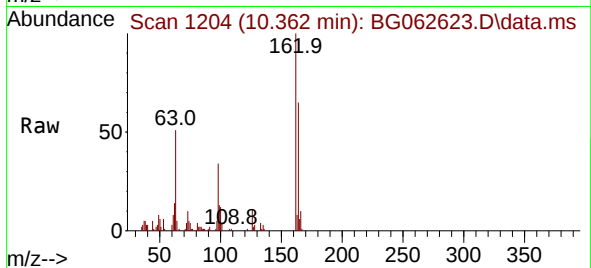
Tgt Ion: 93 Resp: 58214
Ion Ratio Lower Upper
93 100
95 31.8 25.4 38.0
123 10.3 7.9 11.9





#29
2,4-Dichlorophenol
Concen: 9.758 ng
RT: 10.362 min Scan# 1204
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

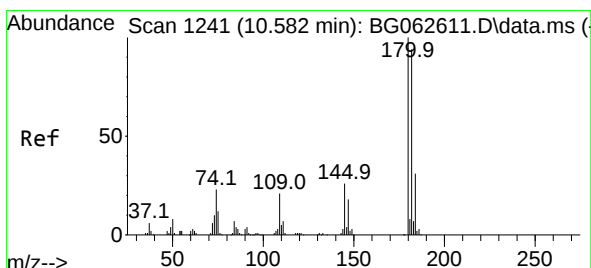
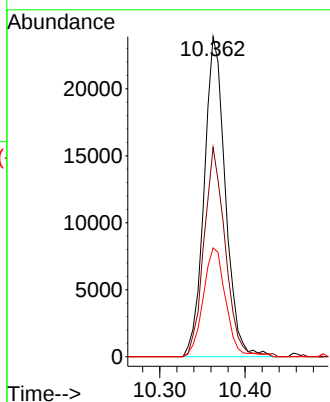
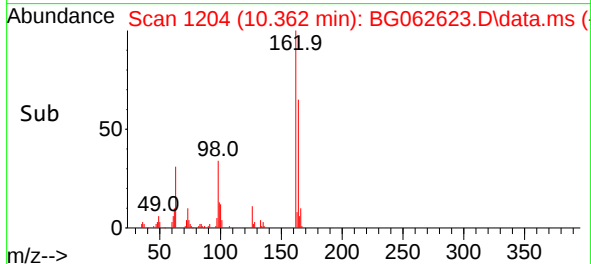
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:162 Resp: 4124
Ion Ratio Lower Upper
162 100
164 65.4 46.8 86.8
98 34.0 16.4 56.4

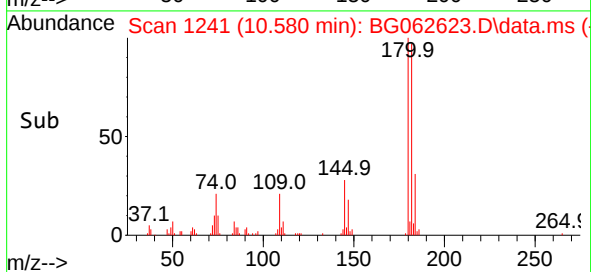
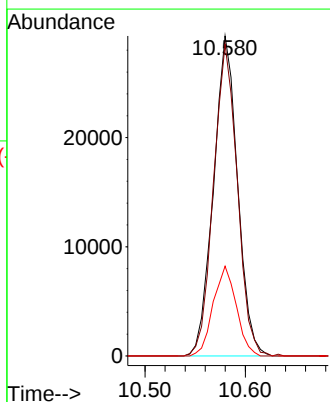
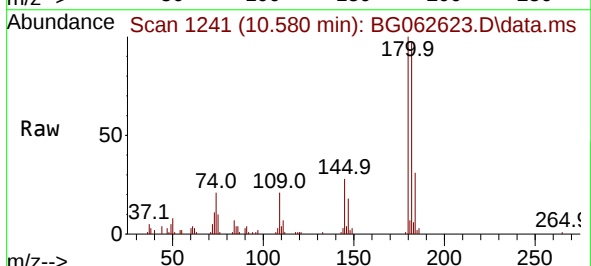
Manual Integrations
APPROVED

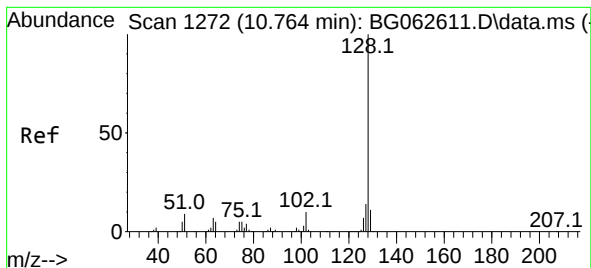
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#30
1,2,4-Trichlorobenzene
Concen: 9.743 ng
RT: 10.580 min Scan# 1241
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

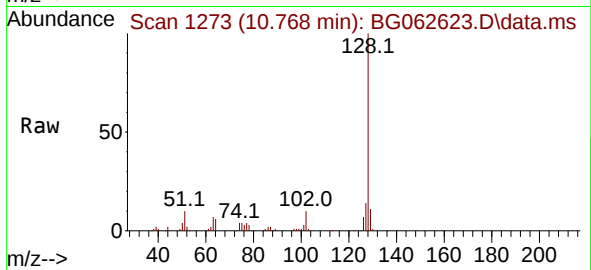
Tgt Ion:180 Resp: 48815
Ion Ratio Lower Upper
180 100
182 97.4 75.1 112.7
145 28.0 20.8 31.2





#31
Naphthalene
Concen: 9.797 ng
RT: 10.768 min Scan# 1136
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

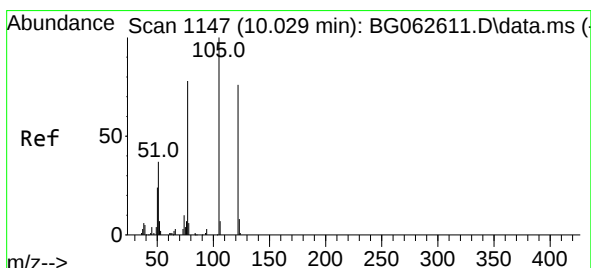
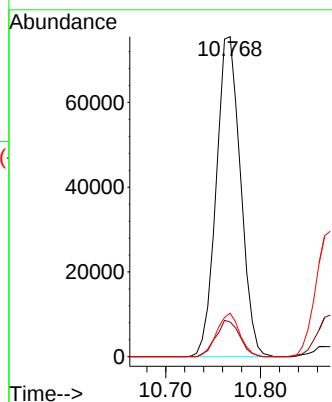
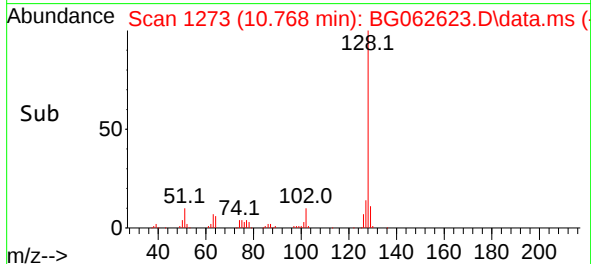
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:128 Resp: 134292
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.6 11.3 16.9

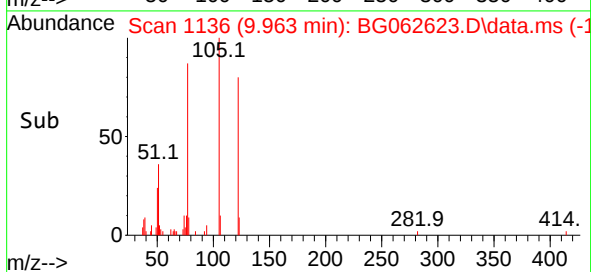
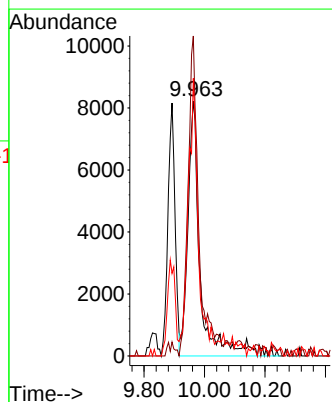
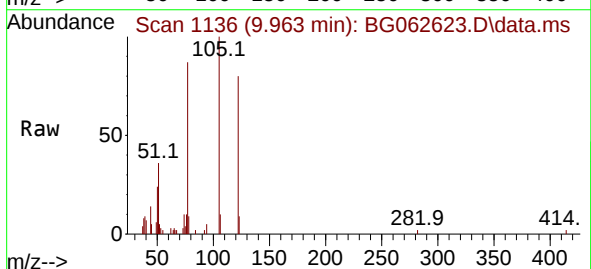
Manual Integrations
APPROVED

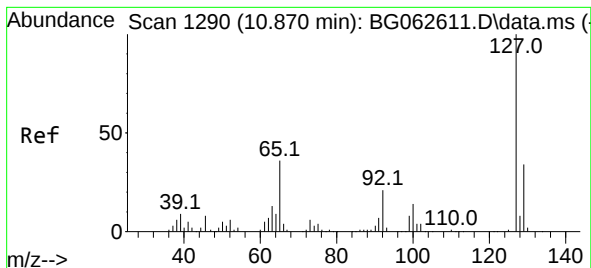
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#32
Benzoic acid
Concen: 7.147 ng m
RT: 9.963 min Scan# 1136
Delta R.T. -0.066 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

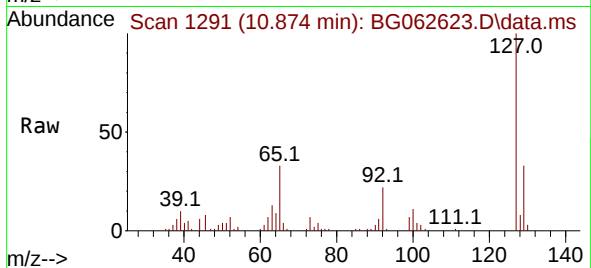
Tgt Ion:122 Resp: 23233
Ion Ratio Lower Upper
122 100
105 125.6 105.7 145.7
77 108.9 79.9 119.9





#33
4-Chloroaniline
Concen: 10.405 ng
RT: 10.874 min Scan# 1291
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

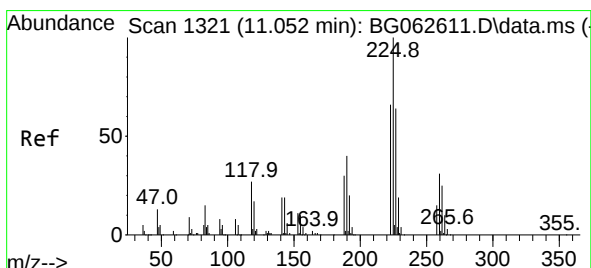
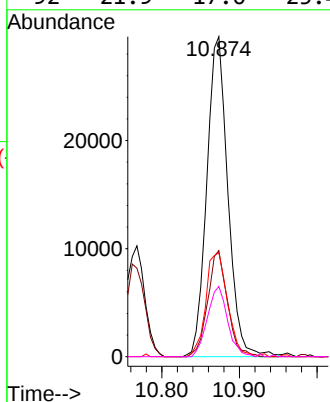
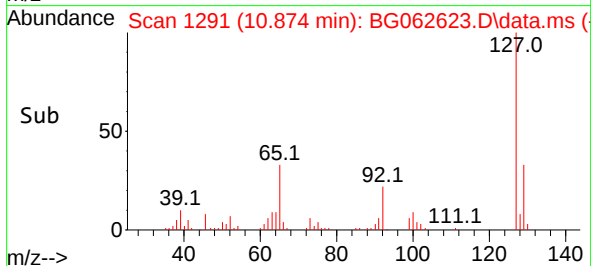
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:127 Resp: 56120
Ion Ratio Lower Upper
127 100
129 33.2 27.3 40.9
65 32.5 29.0 43.4
92 21.9 17.0 25.4

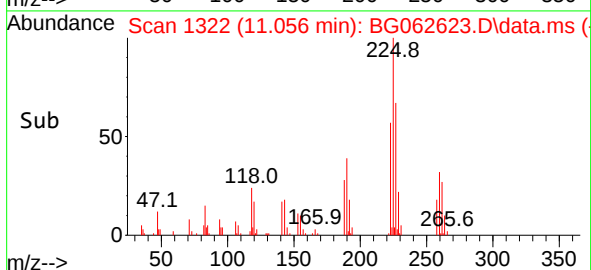
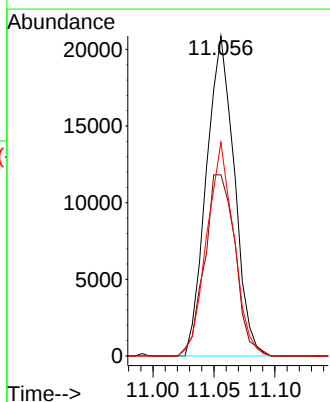
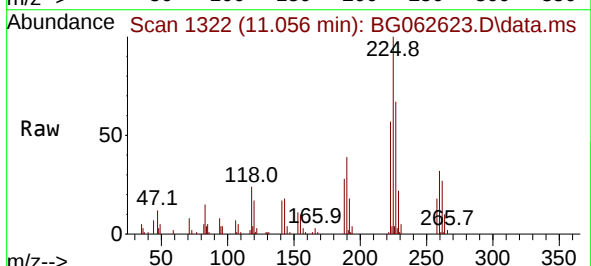
Manual Integrations
APPROVED

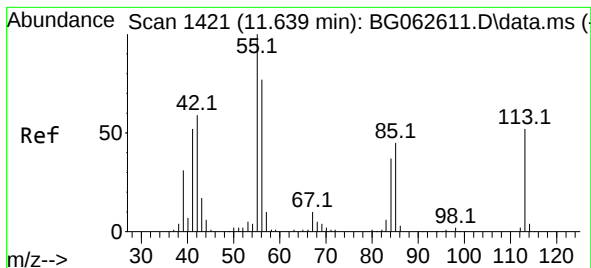
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#34
Hexachlorobutadiene
Concen: 9.519 ng
RT: 11.056 min Scan# 1322
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

Tgt Ion:225 Resp: 33310
Ion Ratio Lower Upper
225 100
223 56.6 50.1 75.1
227 66.8 48.9 73.3





#35

Caprolactam

Concen: 9.744 ng

RT: 11.620 min Scan# 1418

Delta R.T. -0.020 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

Instrument :

BNA_G

ClientSampleId :

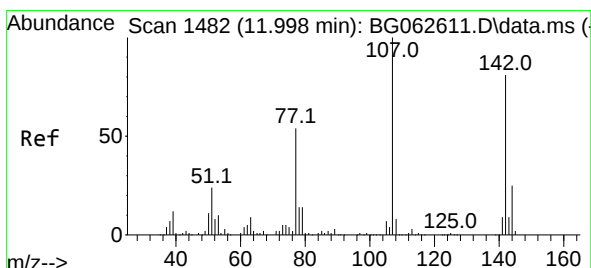
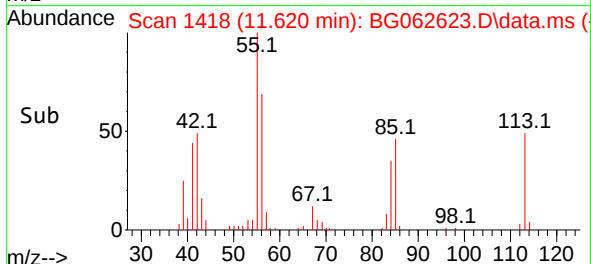
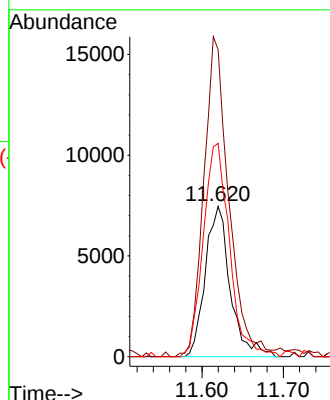
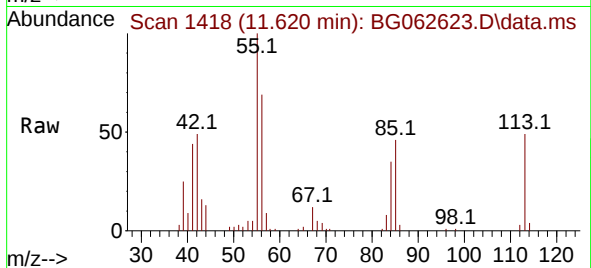
LOQ-SOIL-02-QT3-2024

Tgt Ion:	113	Resp:	1587
Ion Ratio	Lower	Upper	
113	100		
55	204.3	174.1	214.1
56	142.0	129.8	169.8

Manual Integrations

APPROVED

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



#36

4-Chloro-3-methylphenol

Concen: 9.439 ng

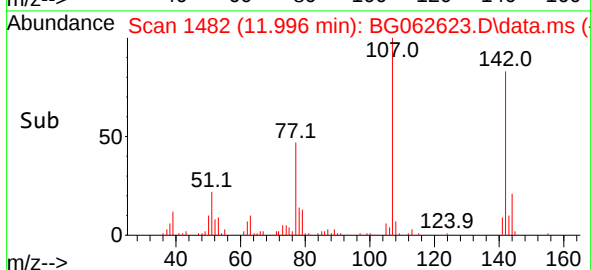
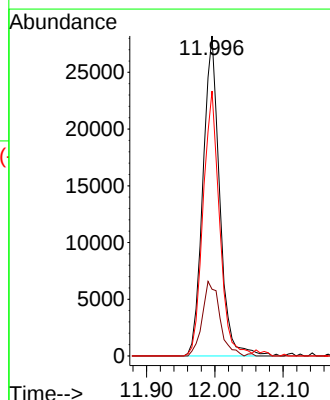
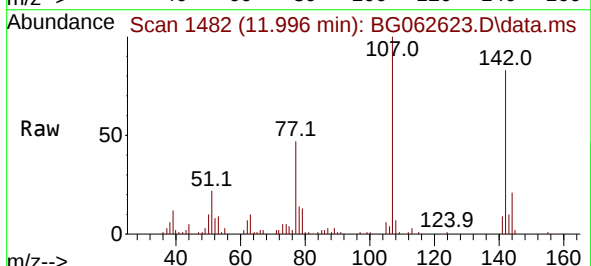
RT: 11.996 min Scan# 1482

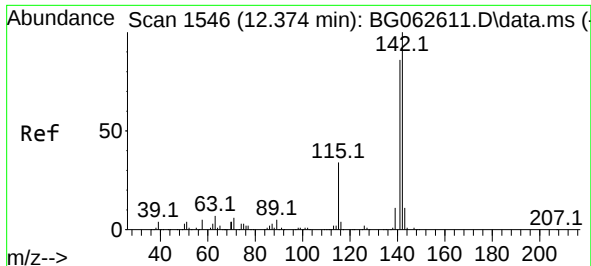
Delta R.T. -0.002 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

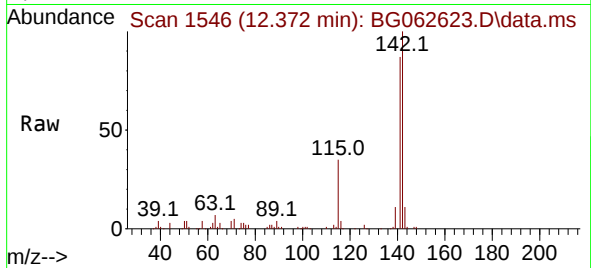
Tgt Ion:	107	Resp:	48116
Ion Ratio	Lower	Upper	
107	100		
144	20.9	19.8	29.8
142	82.8	64.7	97.1





#37
2-Methylnaphthalene
Concen: 9.697 ng
RT: 12.372 min Scan# 1154
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

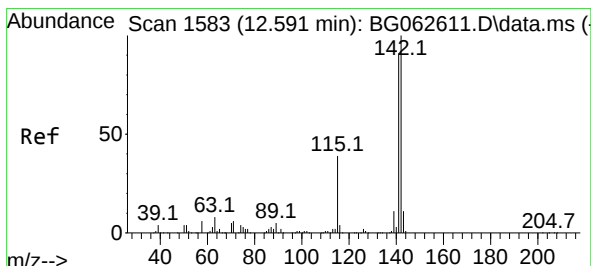
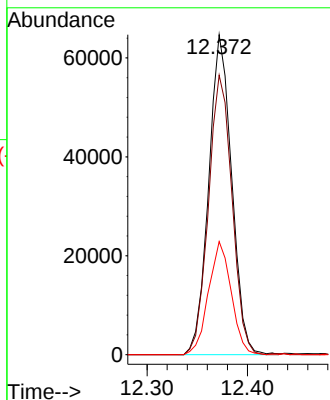
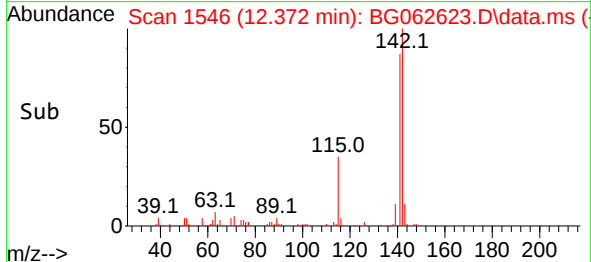
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



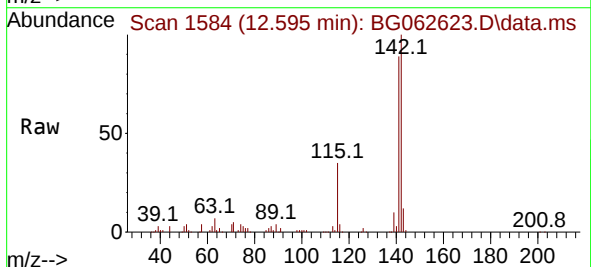
Tgt Ion:142 Resp: 103094
Ion Ratio Lower Upper
142 100
141 87.3 68.9 103.3
115 35.4 27.5 41.3

Manual Integrations
APPROVED

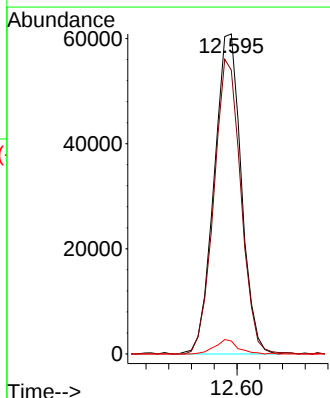
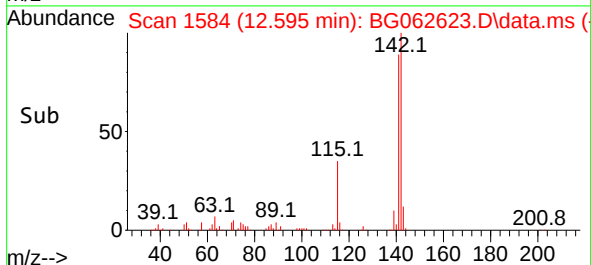
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

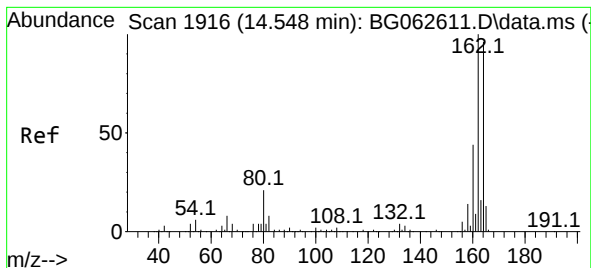


#38
1-Methylnaphthalene
Concen: 9.459 ng
RT: 12.595 min Scan# 1584
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09



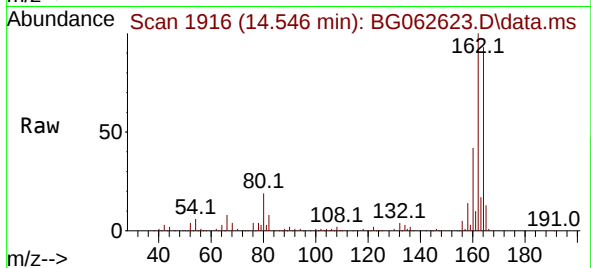
Tgt Ion:142 Resp: 100980
Ion Ratio Lower Upper
142 100
141 88.7 73.0 109.4
116 4.1 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.546 min Scan# 1916
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

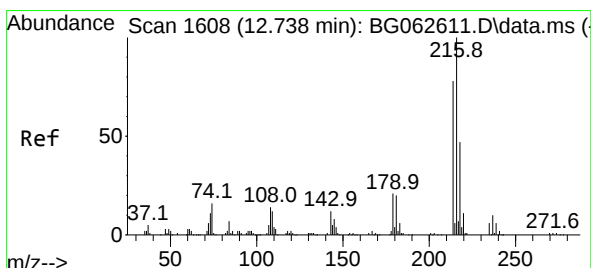
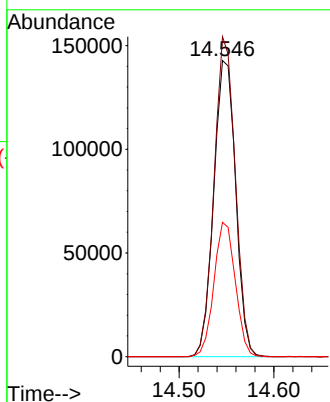
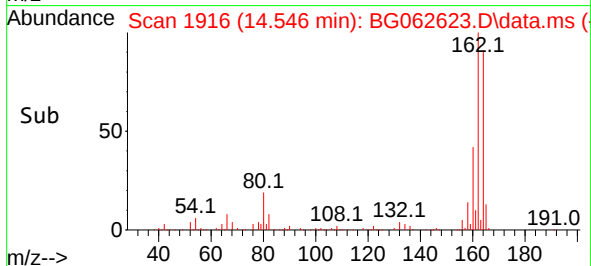
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



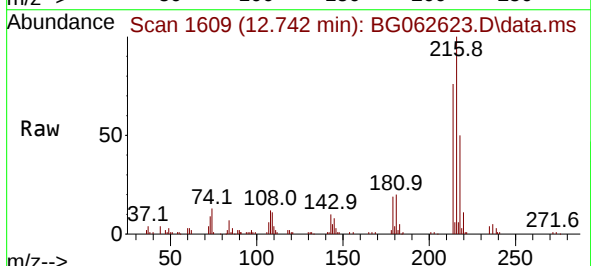
Tgt Ion:164 Resp: 229020
Ion Ratio Lower Upper
164 100
162 108.1 83.1 124.7
160 45.4 36.2 54.4

Manual Integrations
APPROVED

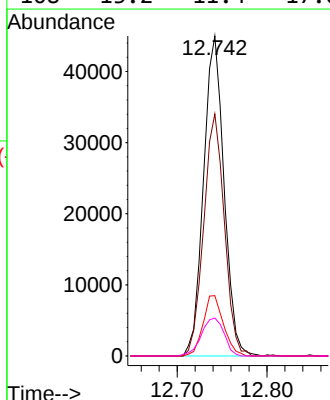
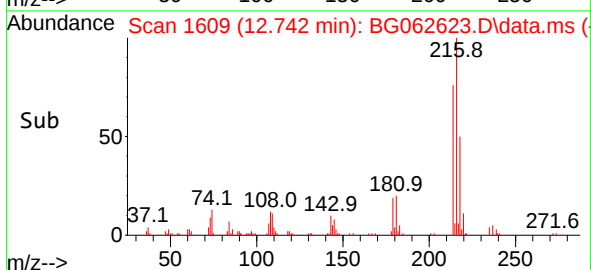
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

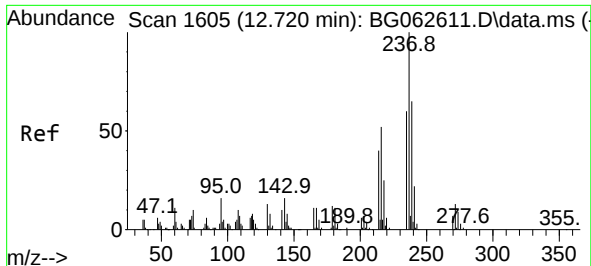


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.338 ng
RT: 12.742 min Scan# 1609
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09



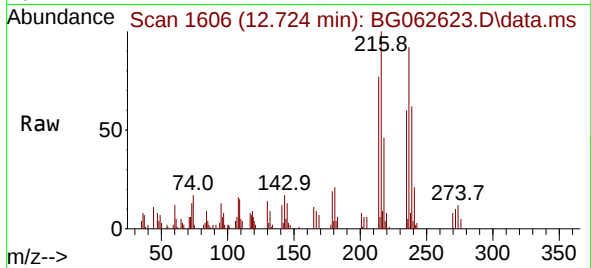
Tgt Ion:216 Resp: 71202
Ion Ratio Lower Upper
216 100
214 76.0 61.6 92.4
179 18.7 15.9 23.9
108 13.2 11.4 17.0





#41
Hexachlorocyclopentadiene
Concen: 9.294 ng
RT: 12.724 min Scan# 10
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

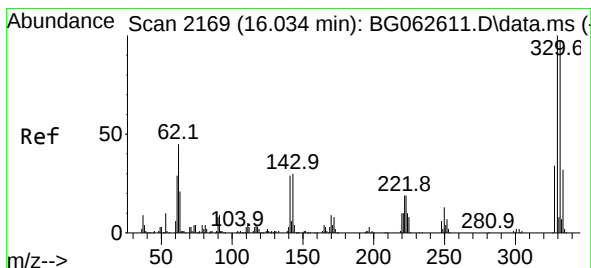
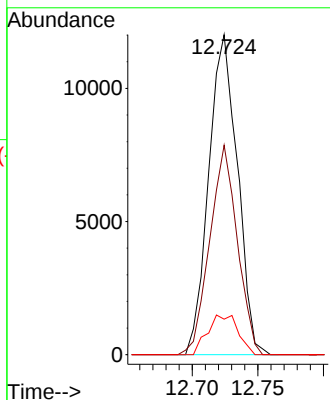
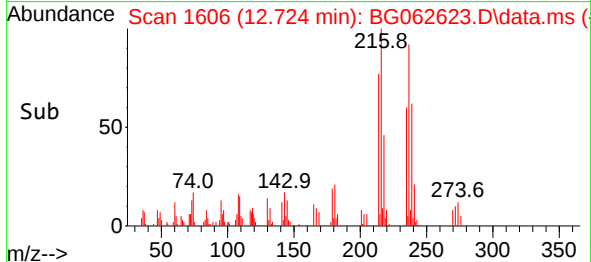
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:237 Resp: 18264
Ion Ratio Lower Upper
237 100
235 65.5 40.4 80.4
272 11.1 0.0 32.7

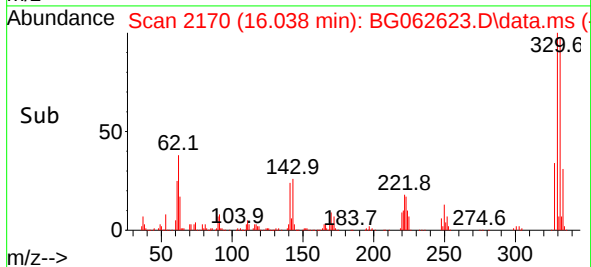
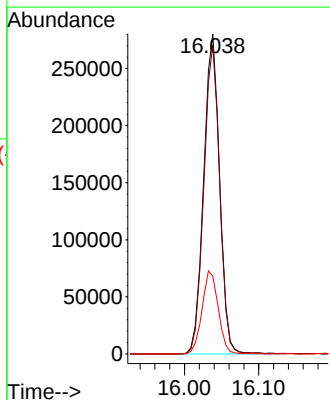
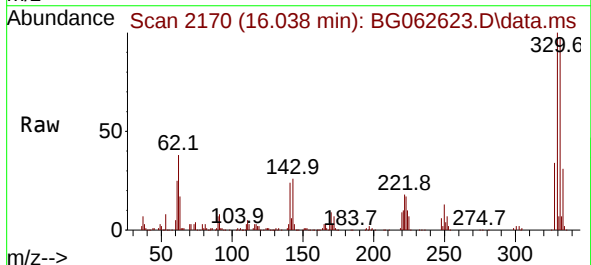
Manual Integrations
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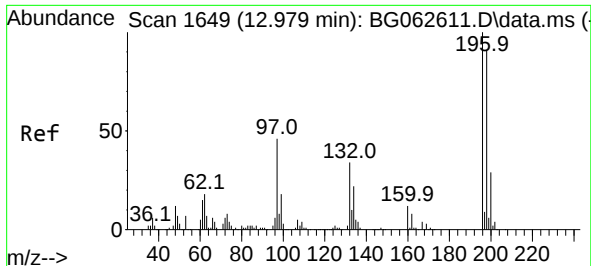
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#42
2,4,6-Tribromophenol
Concen: 130.135 ng
RT: 16.038 min Scan# 2170
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

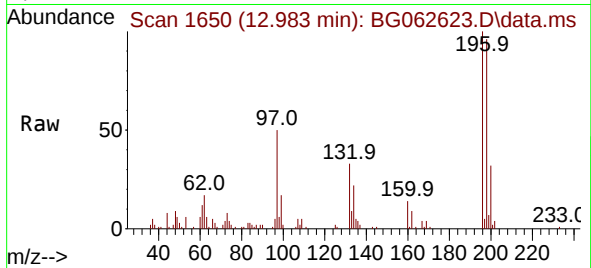
Tgt Ion:330 Resp: 419439
Ion Ratio Lower Upper
330 100
332 95.8 77.2 115.8
141 26.3 22.2 33.4





#43
2,4,6-Trichlorophenol
Concen: 9.930 ng
RT: 12.983 min Scan# 1649
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

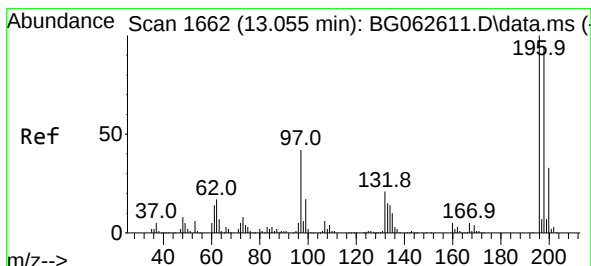
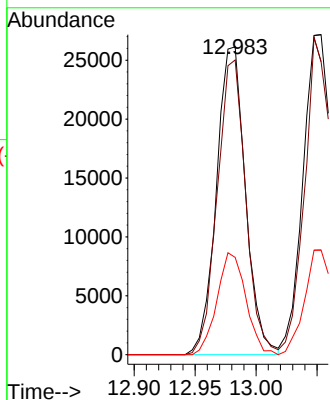
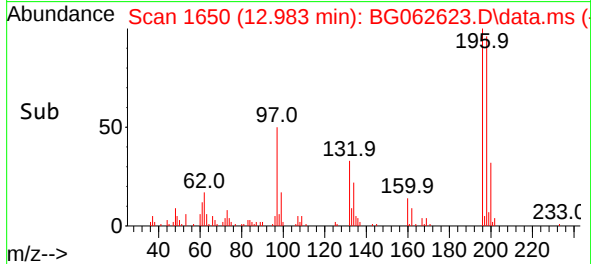
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:196 Resp: 43358
Ion Ratio Lower Upper
196 100
198 95.7 72.8 109.2
200 31.6 23.5 35.3

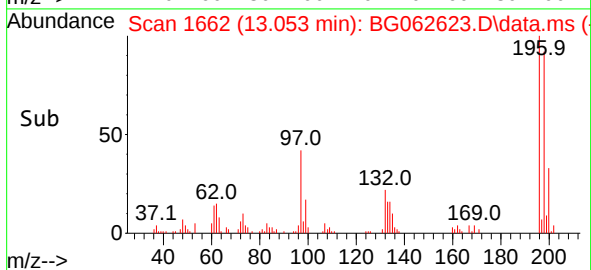
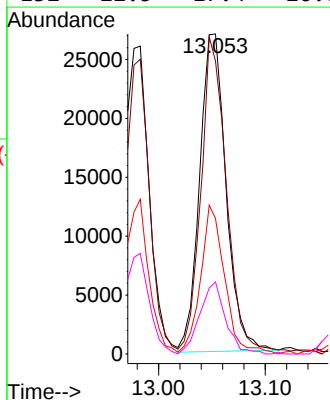
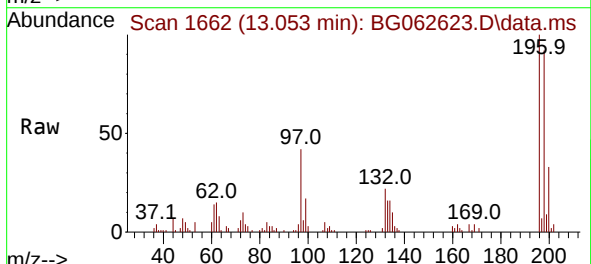
Manual Integrations
APPROVED

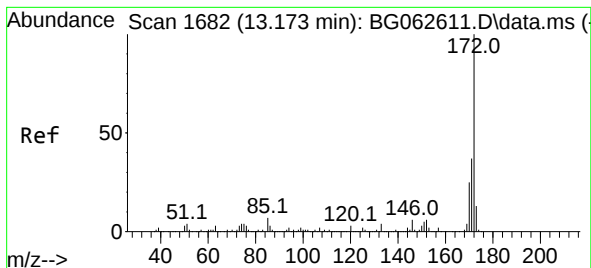
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#44
2,4,5-Trichlorophenol
Concen: 9.417 ng
RT: 13.053 min Scan# 1662
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

Tgt Ion:196 Resp: 46562
Ion Ratio Lower Upper
196 100
198 91.5 75.5 113.3
97 42.3 34.1 51.1
132 22.5 17.4 26.0





#45

2-Fluorobiphenyl

Concen: 81.199 ng

RT: 13.171 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion:172 Resp: 1148090

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

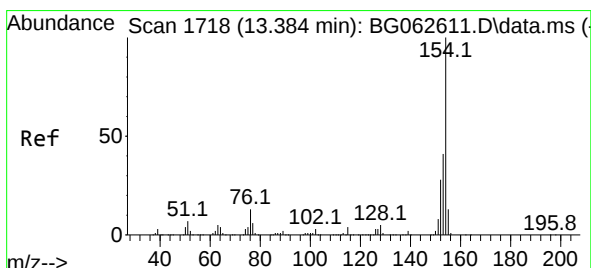
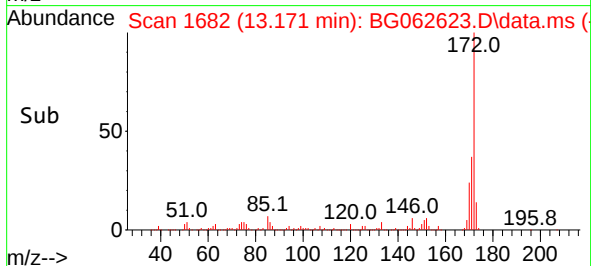
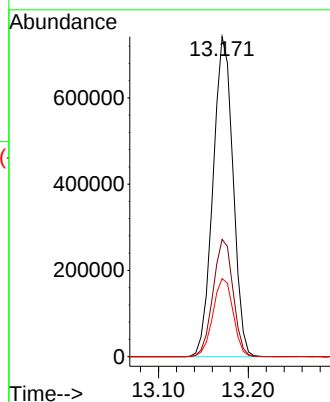
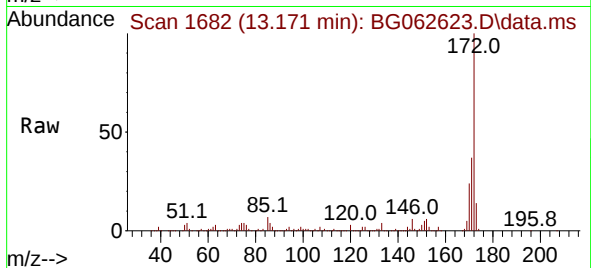
170 24.4 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024

Supervised By :mohammad ahmed 09/06/2024



#46

1,1'-Biphenyl

Concen: 10.244 ng

RT: 13.382 min Scan# 1718

Delta R.T. -0.002 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

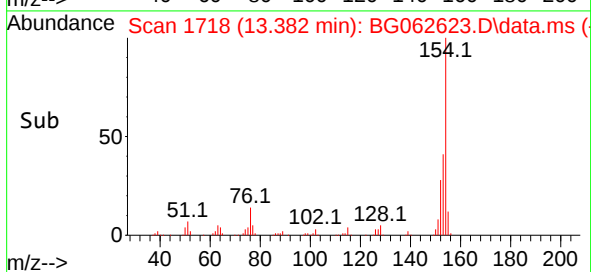
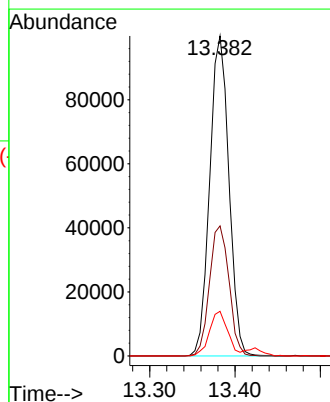
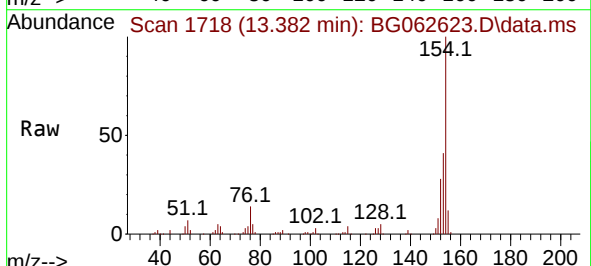
Tgt Ion:154 Resp: 156519

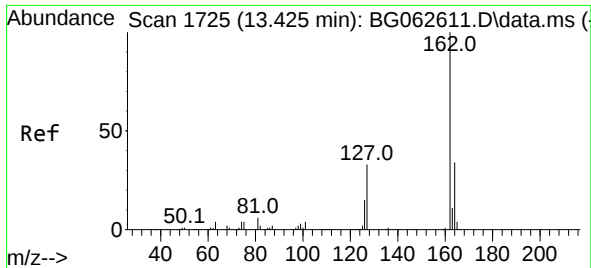
Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

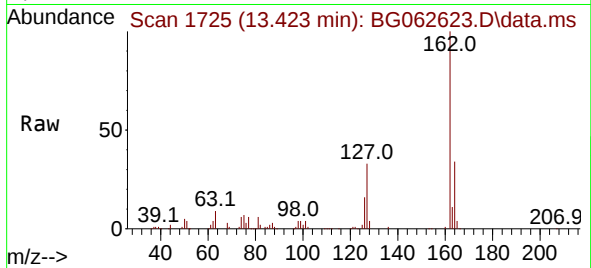
76 14.0 0.0 33.4





#47
2-Chloronaphthalene
Concen: 10.037 ng
RT: 13.423 min Scan# 1725
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

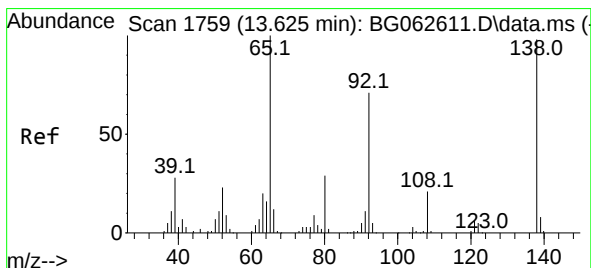
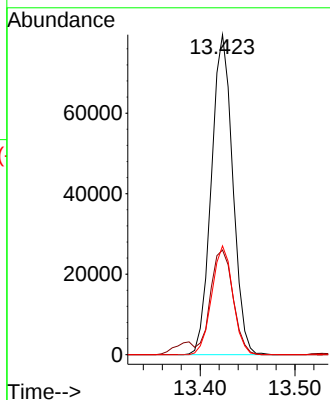
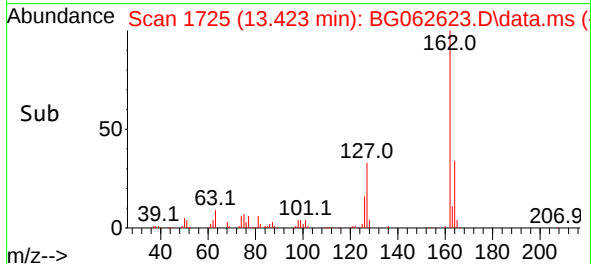
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:162 Resp: 124294
Ion Ratio Lower Upper
162 100
127 32.7 28.7 43.1
164 34.0 26.9 40.3

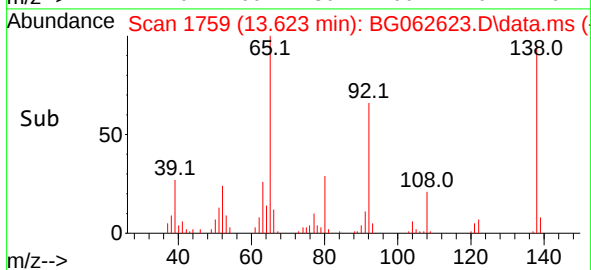
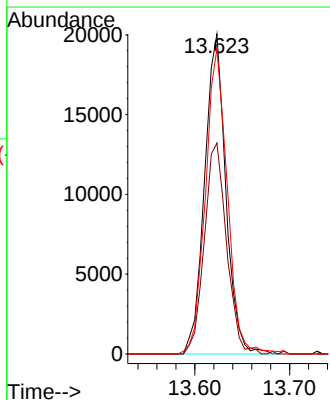
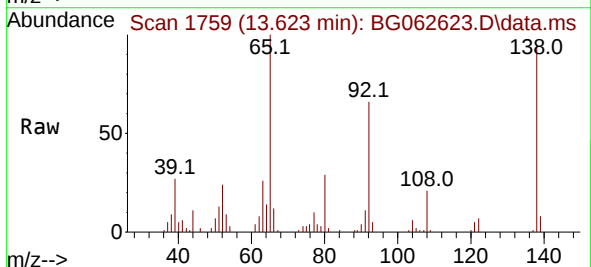
Manual Integrations
APPROVED

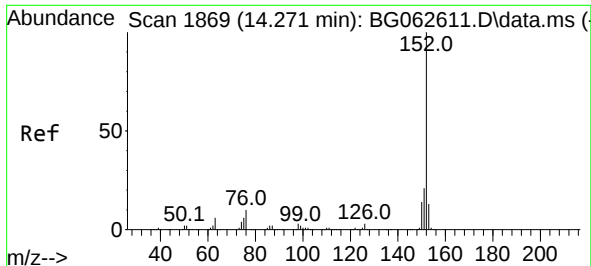
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#48
2-Nitroaniline
Concen: 9.558 ng
RT: 13.623 min Scan# 1759
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

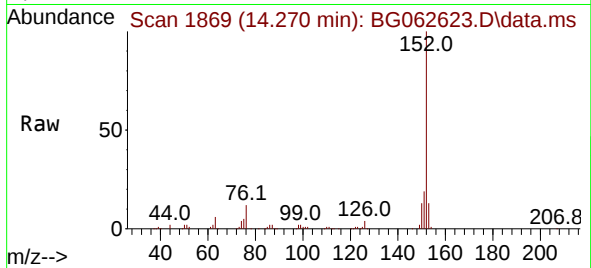
Tgt Ion: 65 Resp: 31129
Ion Ratio Lower Upper
65 100
92 65.9 56.6 84.8
138 95.4 78.7 118.1





#49
Acenaphthylene
Concen: 10.912 ng
RT: 14.270 min Scan# 1869
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

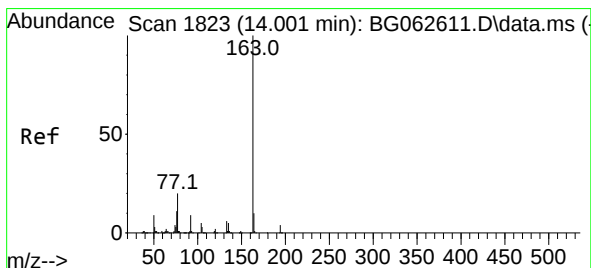
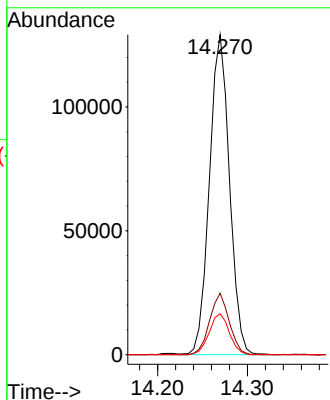
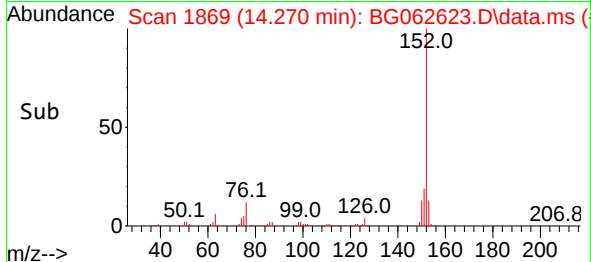
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



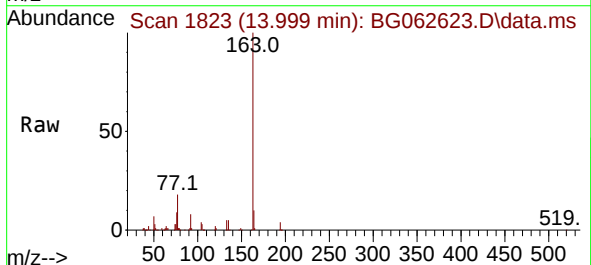
Tgt Ion:152 Resp: 200100
Ion Ratio Lower Upper
152 100
151 19.2 16.6 24.8
153 12.8 10.2 15.4

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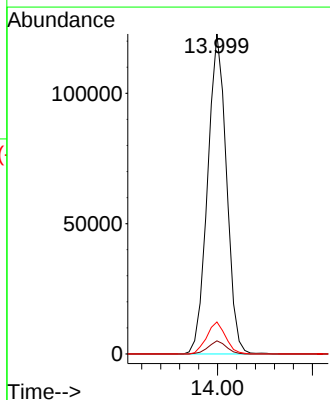
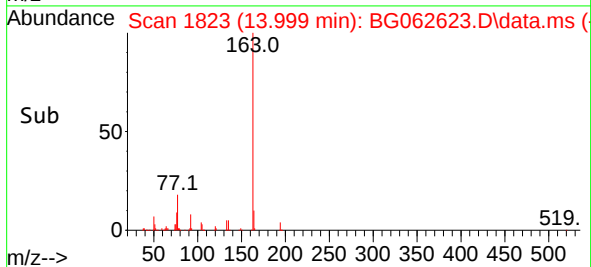
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

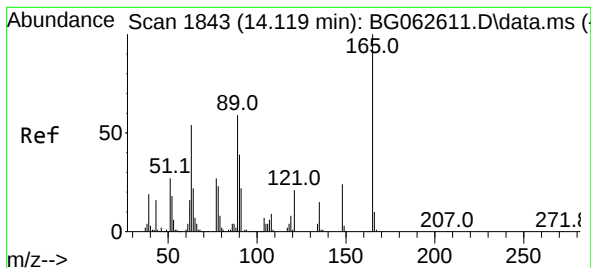


#50
Dimethylphthalate
Concen: 10.117 ng
RT: 13.999 min Scan# 1823
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09



Tgt Ion:163 Resp: 169426
Ion Ratio Lower Upper
163 100
194 4.1 2.9 4.3
164 10.0 8.3 12.5





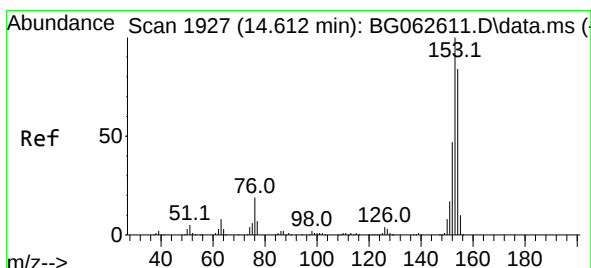
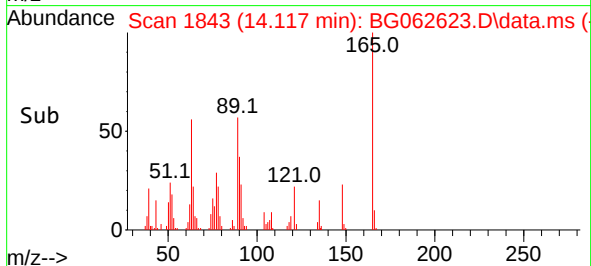
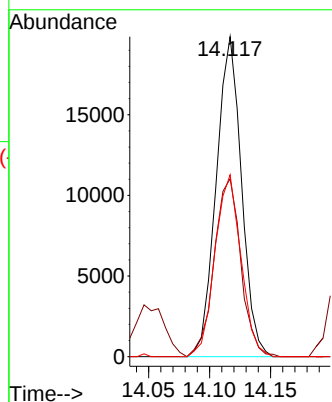
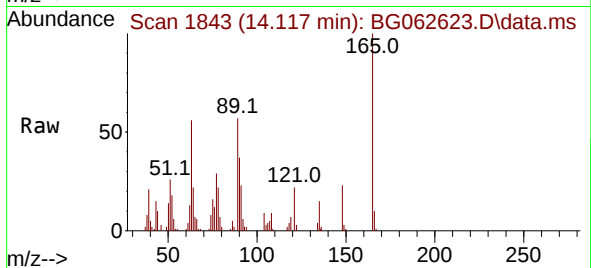
#51
2,6-Dinitrotoluene
Concen: 9.024 ng
RT: 14.117 min Scan# 1843
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

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

Tgt Ion:165 Resp: 2858
Ion Ratio Lower Upper
165 100
63 55.6 46.6 69.8
89 56.8 47.2 70.8

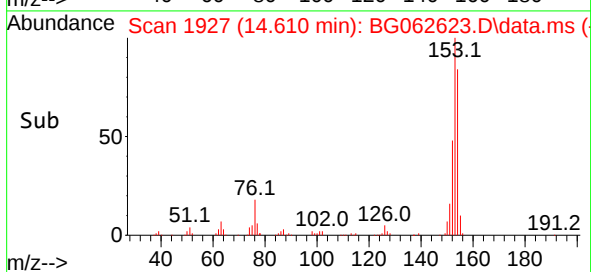
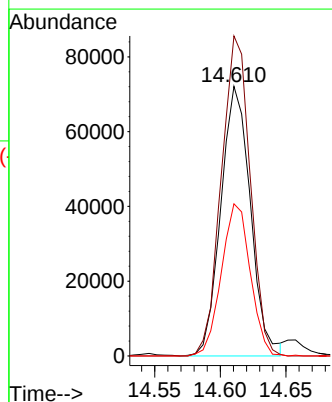
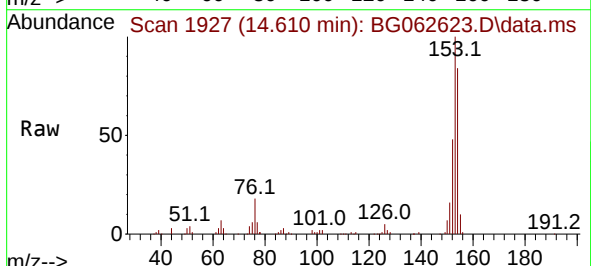
Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#52
Acenaphthene
Concen: 9.895 ng
RT: 14.610 min Scan# 1927
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

Tgt Ion:154 Resp: 113436
Ion Ratio Lower Upper
154 100
153 118.7 95.0 142.4
152 56.5 45.0 67.6





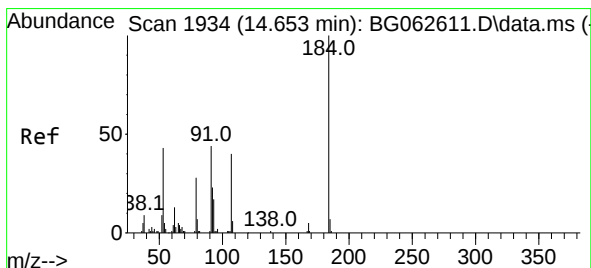
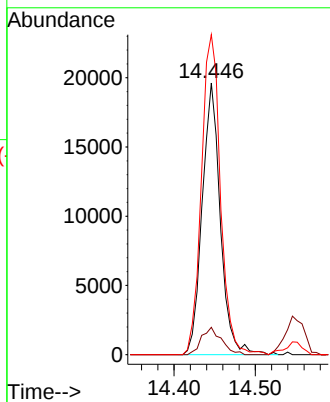
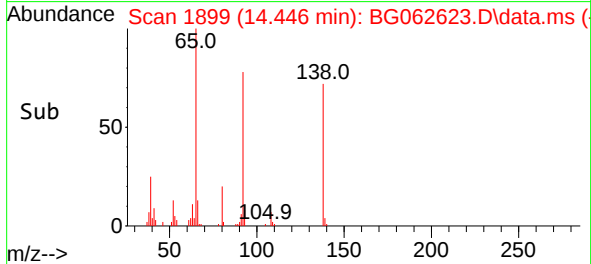
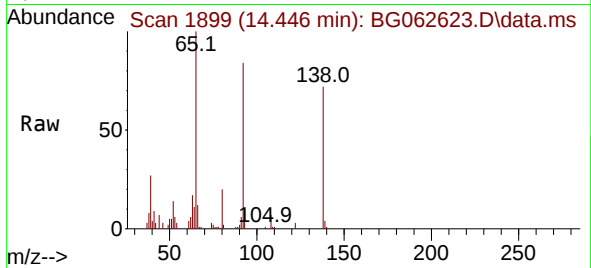
#53
3-Nitroaniline
Concen: 9.914 ng
RT: 14.446 min Scan# 1899
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

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

Tgt Ion:138 Resp: 3038
Ion Ratio Lower Upper
138 100
108 10.1 8.6 13.0
92 117.8 95.7 143.5

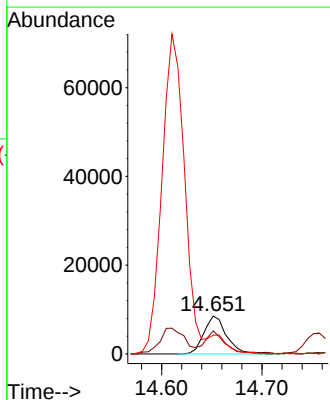
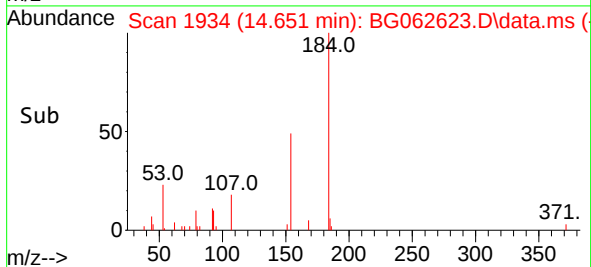
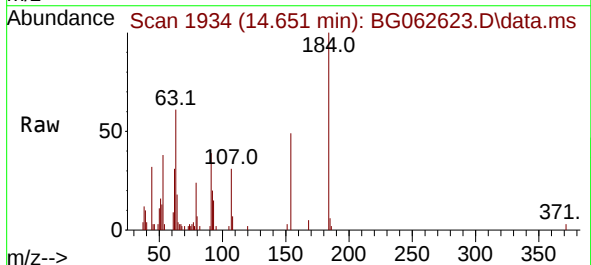
Manual Integrations
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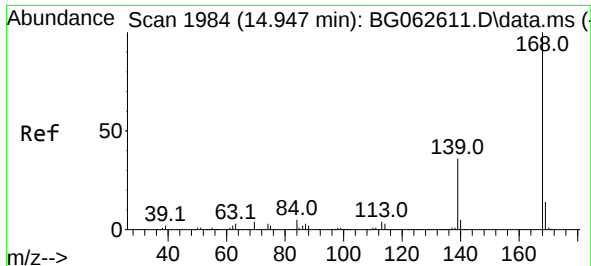
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#54
2,4-Dinitrophenol
Concen: 7.638 ng
RT: 14.651 min Scan# 1934
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

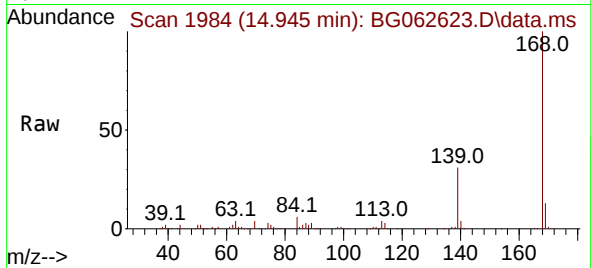
Tgt Ion:184 Resp: 13577
Ion Ratio Lower Upper
184 100
63 60.6 49.0 73.4
154 49.3 50.5 75.7#





#55
Dibenzenofuran
Concen: 10.541 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

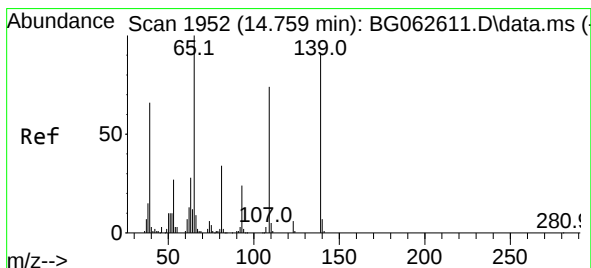
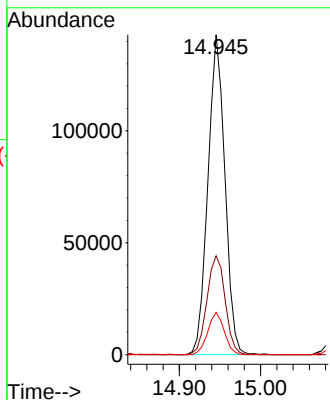
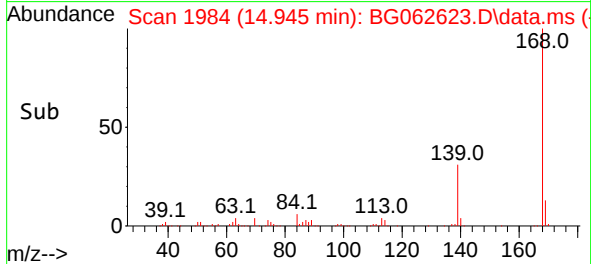
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



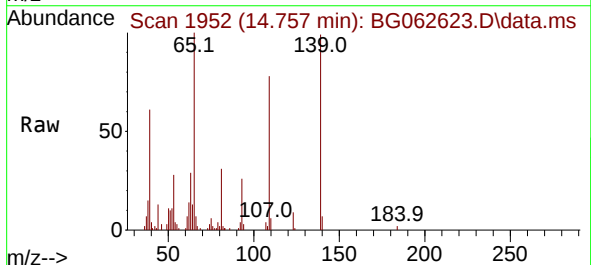
Tgt Ion:168 Resp: 207234
Ion Ratio Lower Upper
168 100
139 30.9 28.6 42.8
169 13.2 11.0 16.6

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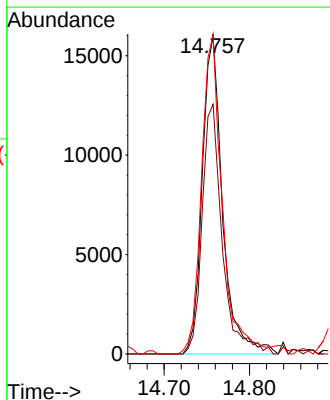
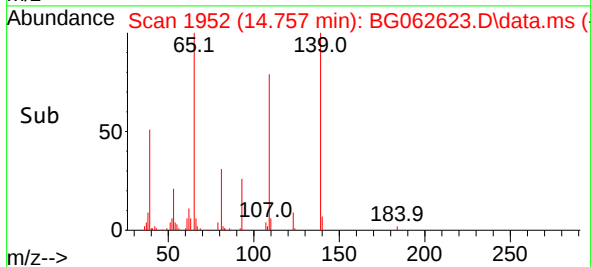
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

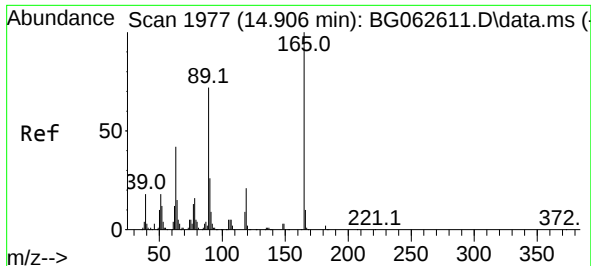


#56
4-Nitrophenol
Concen: 10.159 ng
RT: 14.757 min Scan# 1952
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09



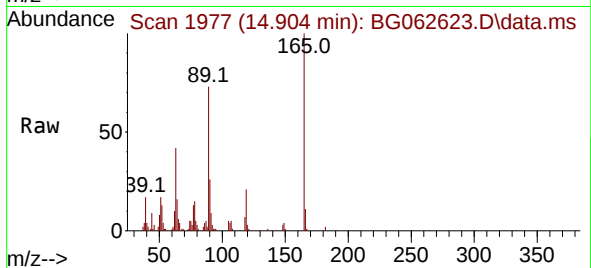
Tgt Ion:139 Resp: 26389
Ion Ratio Lower Upper
139 100
109 78.7 61.2 101.2
65 100.8 90.2 130.2





#57
2,4-Dinitrotoluene
Concen: 8.860 ng
RT: 14.904 min Scan# 1977
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

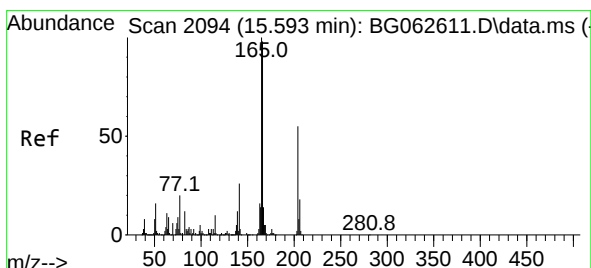
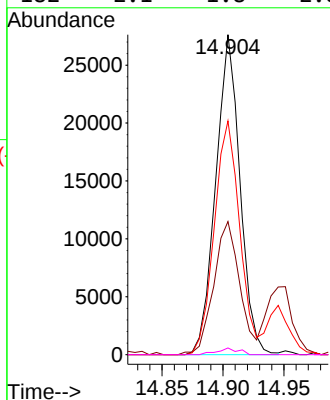
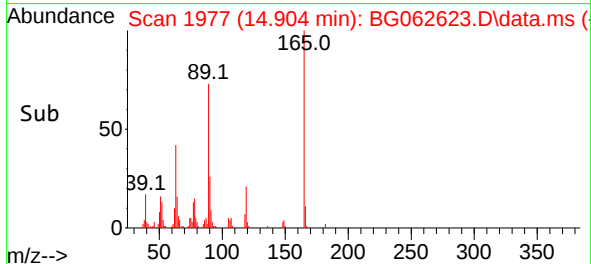
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:	165	Resp:	38294
Ion Ratio	Lower	Upper	
165	100		
63	41.6	33.8	50.6
89	73.1	57.9	86.9
182	2.1	1.8	2.8

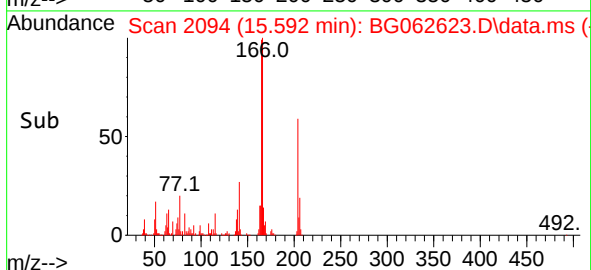
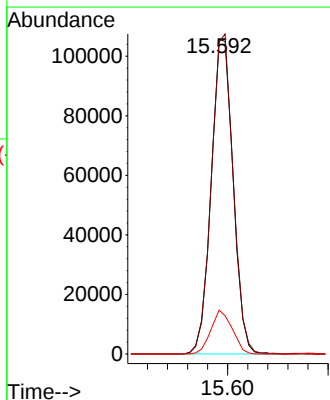
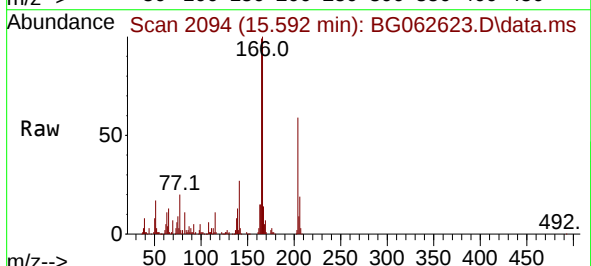
Manual Integrations
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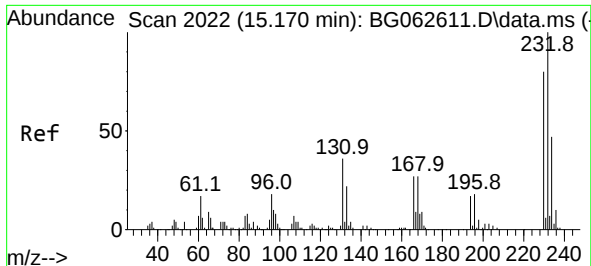
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#58
Fluorene
Concen: 10.371 ng
RT: 15.592 min Scan# 2094
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

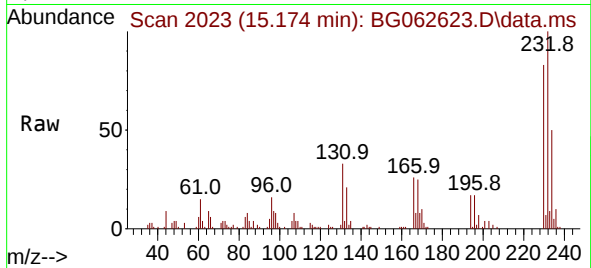
Tgt Ion:	166	Resp:	160007
Ion Ratio	Lower	Upper	
166	100		
165	99.2	82.0	123.0
167	13.9	11.3	16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 10.084 ng
RT: 15.174 min Scan# 2022
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

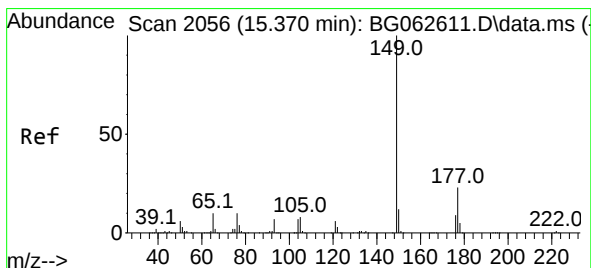
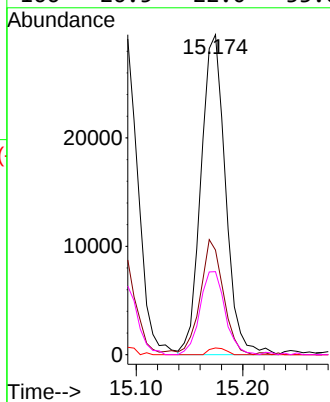
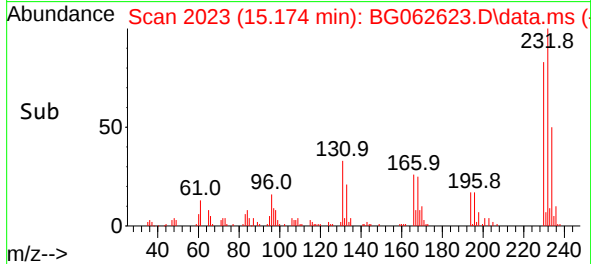
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:232 Resp: 4723
Ion Ratio Lower Upper
232 100
131 34.0 28.3 42.5
130 1.5 1.7 2.5
166 26.5 22.0 33.0

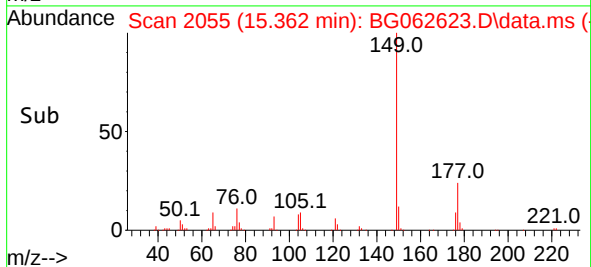
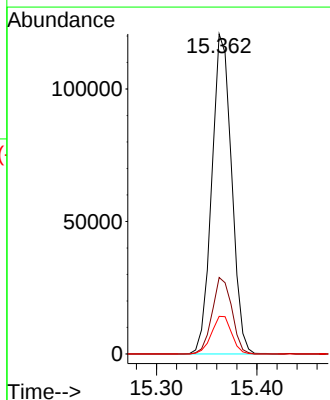
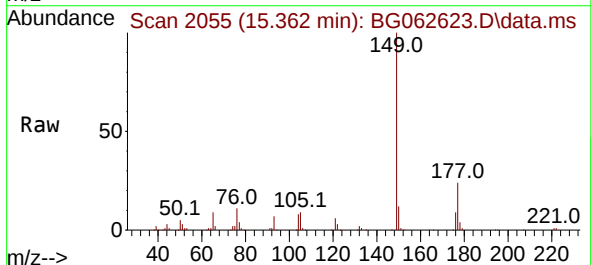
Manual Integrations
APPROVED

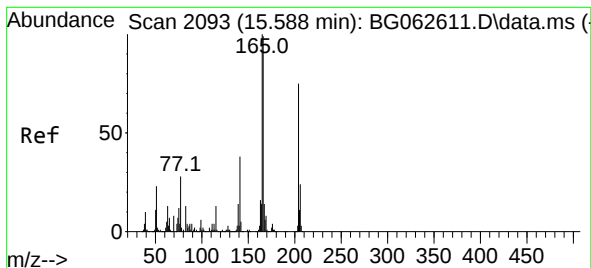
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#60
Diethylphthalate
Concen: 9.934 ng
RT: 15.362 min Scan# 2055
Delta R.T. -0.008 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

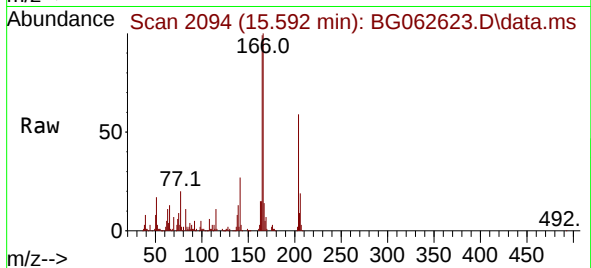
Tgt Ion:149 Resp: 164888
Ion Ratio Lower Upper
149 100
177 23.9 18.0 27.0
150 11.8 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 10.219 ng
RT: 15.592 min Scan# 2094
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

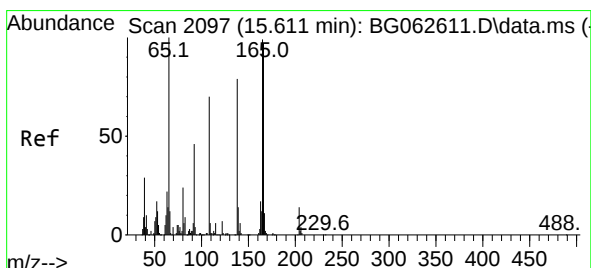
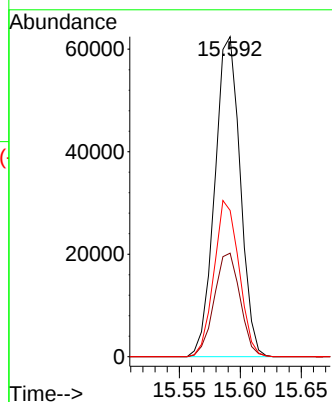
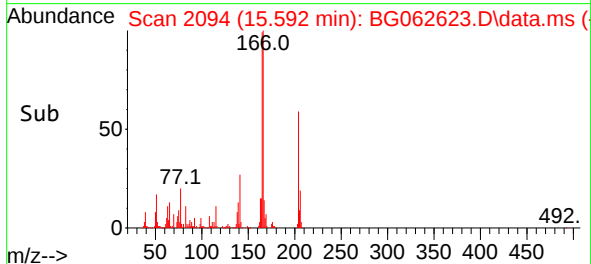
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



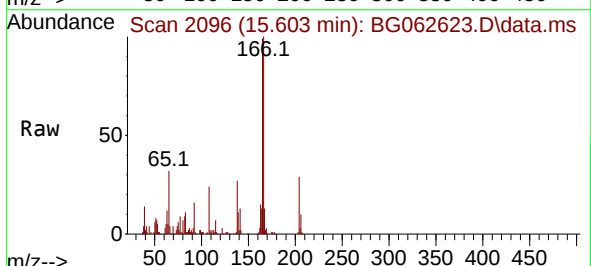
Tgt Ion:204 Resp: 9051
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 45.7 41.0 61.6

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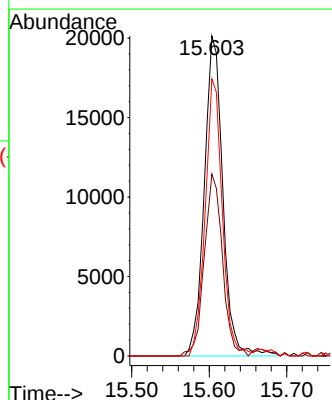
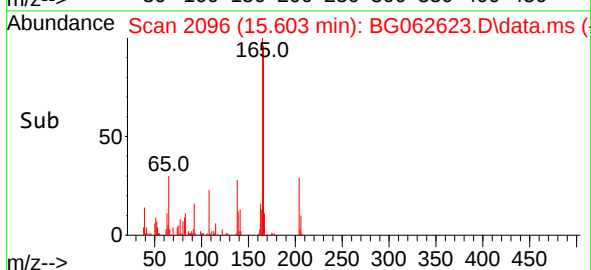
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

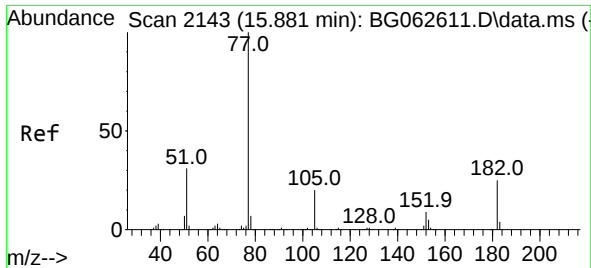


#62
4-Nitroaniline
Concen: 9.900 ng
RT: 15.603 min Scan# 2096
Delta R.T. -0.008 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09



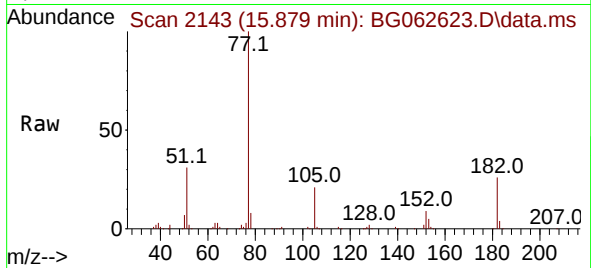
Tgt Ion:138 Resp: 33459
Ion Ratio Lower Upper
138 100
92 56.9 38.4 78.4
108 86.6 69.0 109.0





#63
Azobenzene
Concen: 10.002 ng
RT: 15.879 min Scan# 2143
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

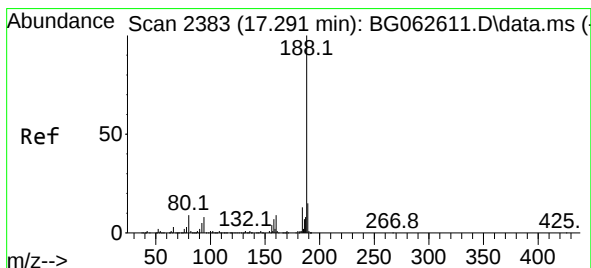
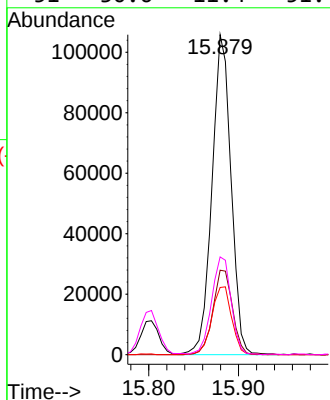
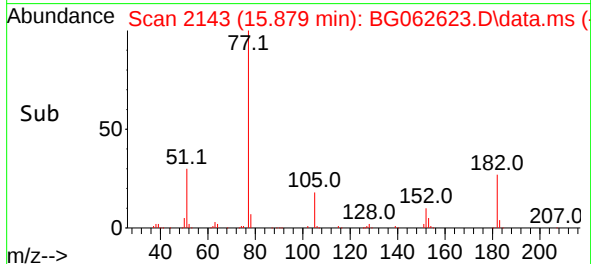
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 77 Resp: 155889
Ion Ratio Lower Upper
77 100
182 26.4 5.0 45.0
105 21.0 0.5 40.5
51 30.6 11.4 51.4

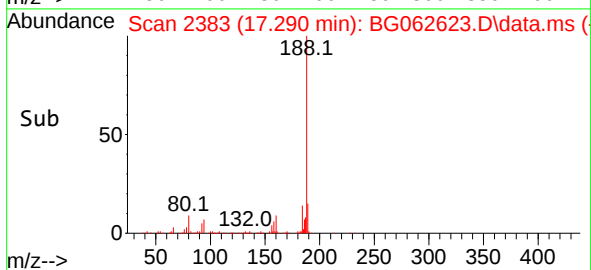
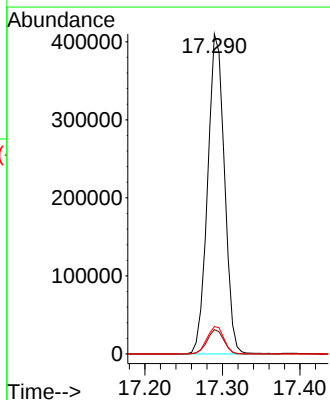
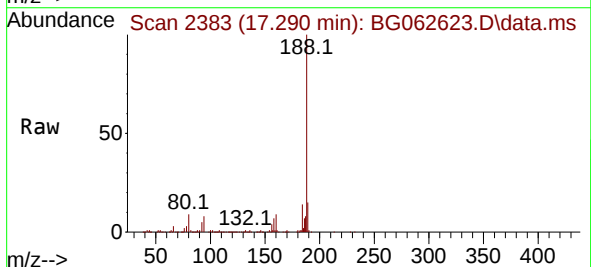
Manual Integrations
APPROVED

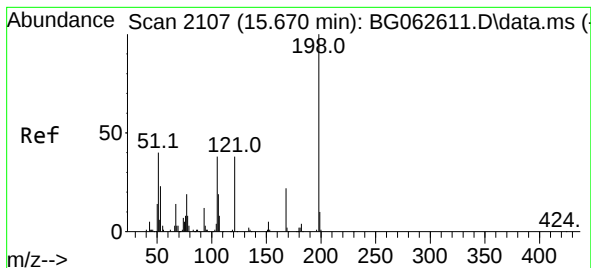
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.290 min Scan# 2383
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

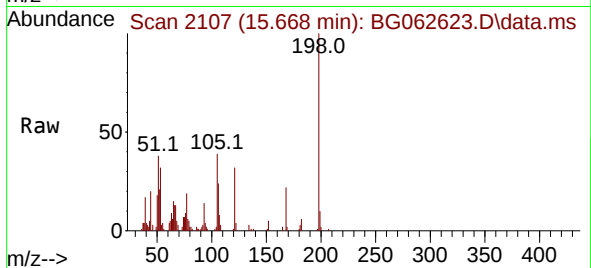
Tgt Ion:188 Resp: 617606
Ion Ratio Lower Upper
188 100
94 7.6 6.3 9.5
80 8.5 7.0 10.4





#65
4,6-Dinitro-2-methylphenol
Concen: 8.123 ng
RT: 15.668 min Scan# 2107
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

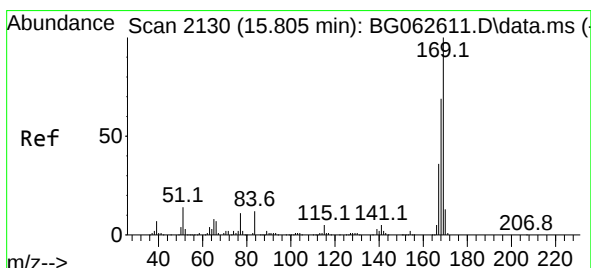
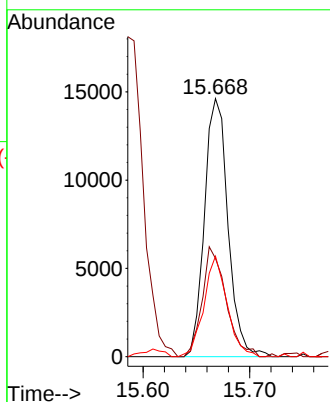
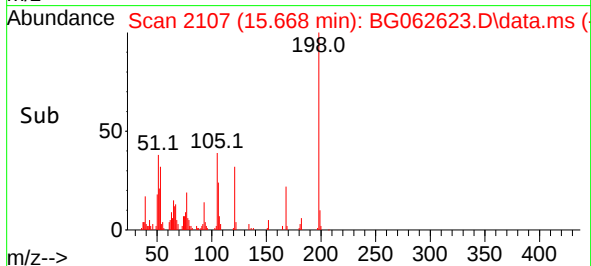
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



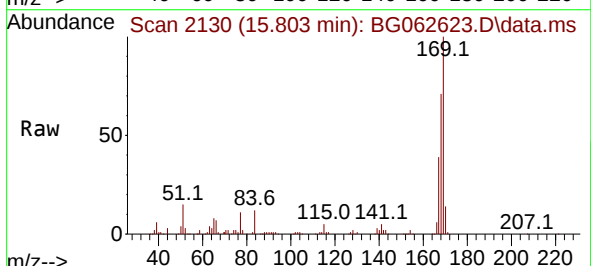
Tgt Ion:198 Resp: 2238
Ion Ratio Lower Upper
198 100
51 38.1 25.1 65.1
105 39.0 18.3 58.3

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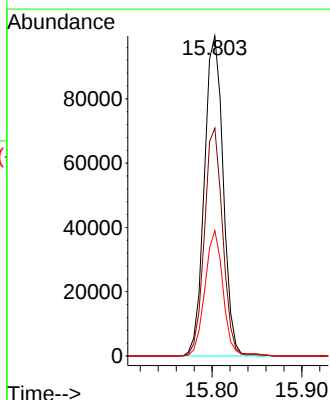
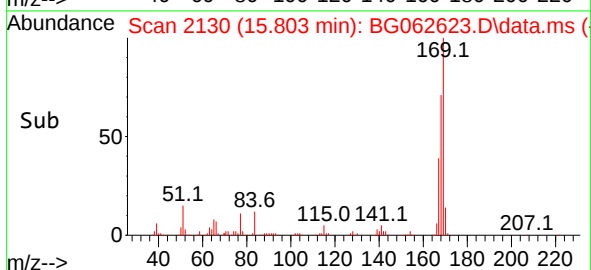
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

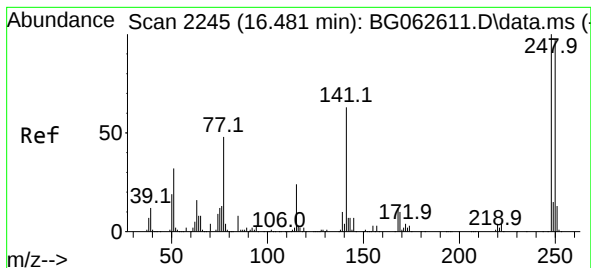


#66
n-Nitrosodiphenylamine
Concen: 9.733 ng
RT: 15.803 min Scan# 2130
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09



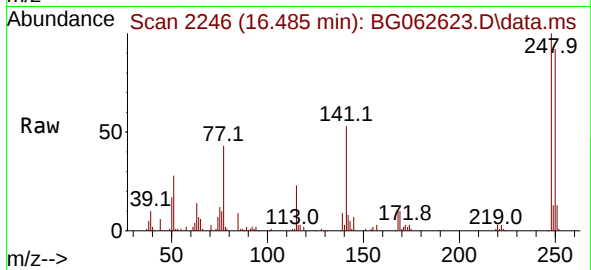
Tgt Ion:169 Resp: 144520
Ion Ratio Lower Upper
169 100
168 71.2 55.4 83.2
167 39.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 9.993 ng
RT: 16.485 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

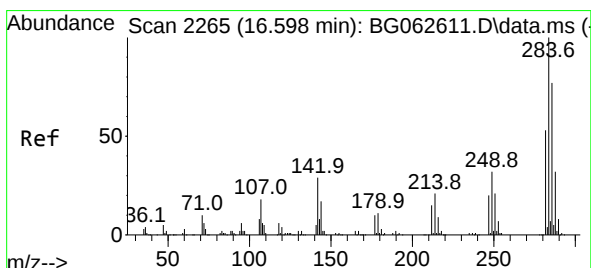
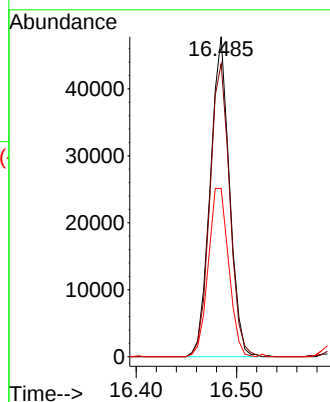
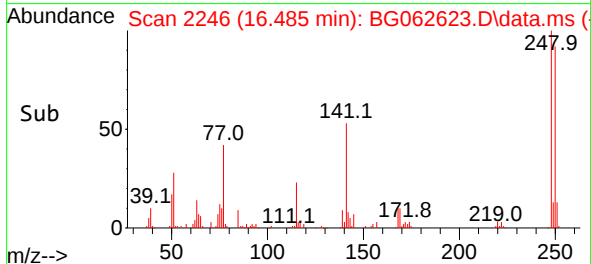
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



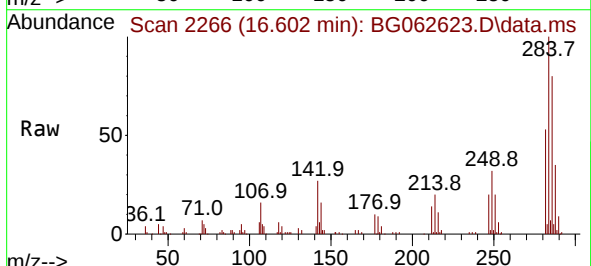
Tgt Ion:248 Resp: 63690
Ion Ratio Lower Upper
248 100
250 91.6 77.9 116.9
141 52.6 50.2 75.2

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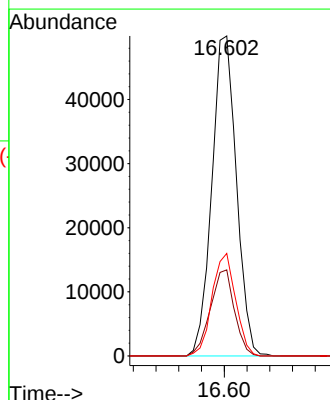
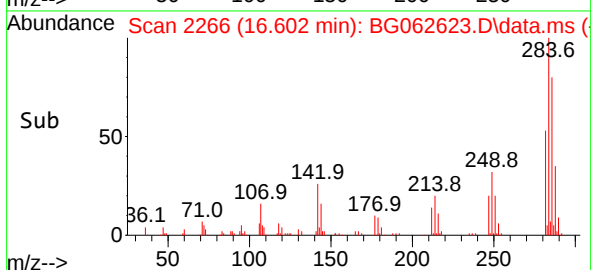
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

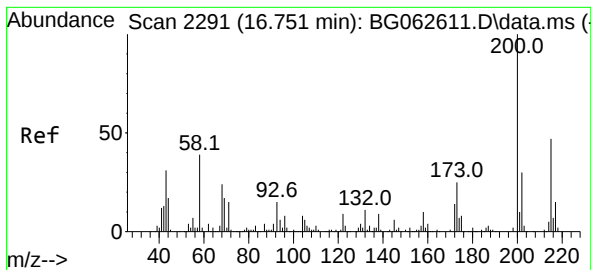


#68
Hexachlorobenzene
Concen: 9.910 ng
RT: 16.602 min Scan# 2266
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09



Tgt Ion:284 Resp: 74810
Ion Ratio Lower Upper
284 100
142 26.9 23.5 35.3
249 32.0 25.4 38.0





#69

Atrazine

Concen: 12.739 ng

RT: 16.749 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

Instrument :

BNA_G

ClientSampleId :

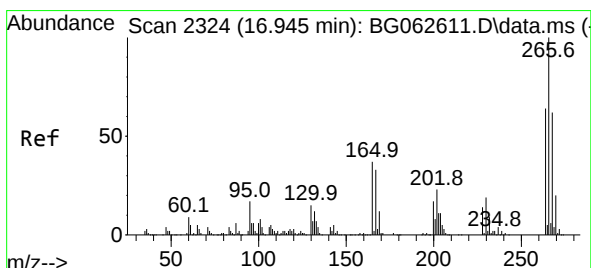
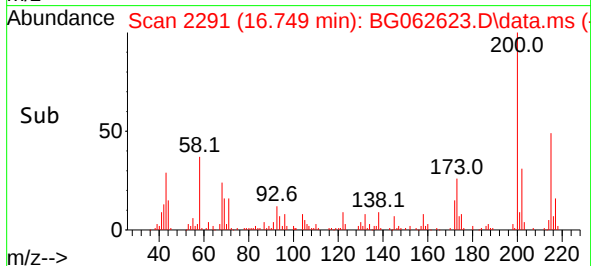
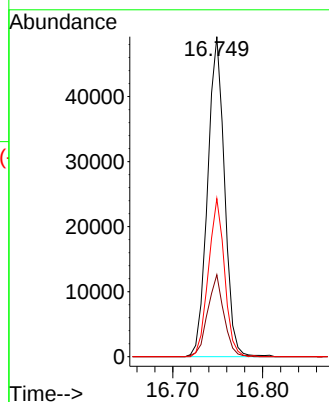
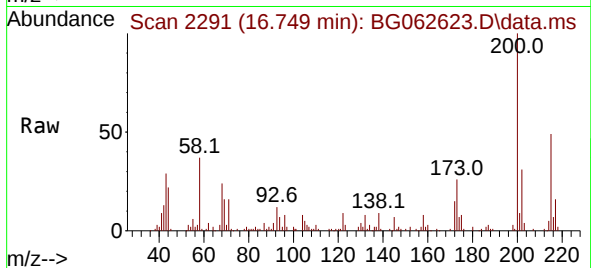
LOQ-SOIL-02-QT3-2024

Tgt Ion:200 Resp: 64250
Ion Ratio Lower Upper
200 100
173 25.6 5.2 45.2
215 49.4 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: 7.710 ng

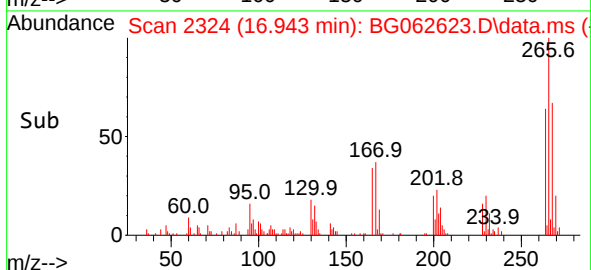
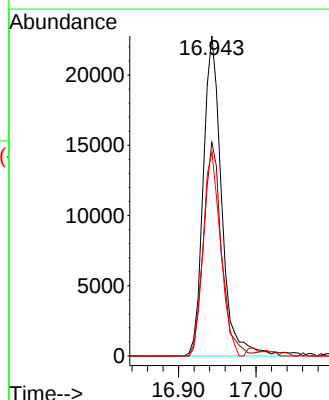
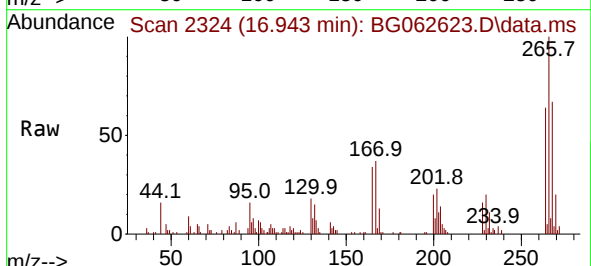
RT: 16.943 min Scan# 2324

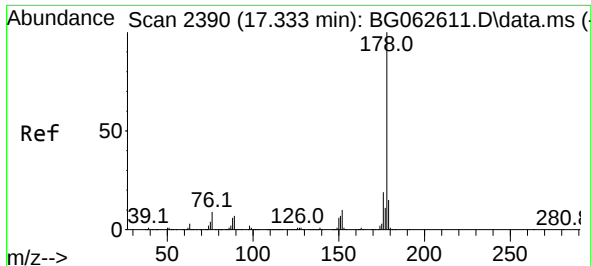
Delta R.T. -0.002 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

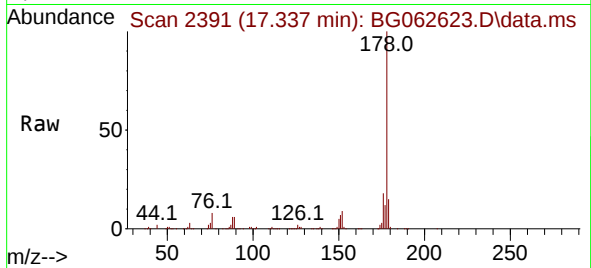
Tgt Ion:266 Resp: 37275
Ion Ratio Lower Upper
266 100
268 71.0 52.6 79.0
264 68.9 51.6 77.4





#71
Phenanthrene
Concen: 10.288 ng
RT: 17.337 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

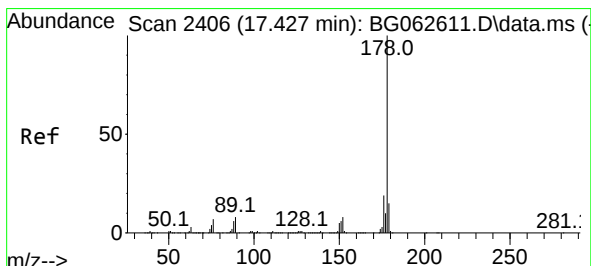
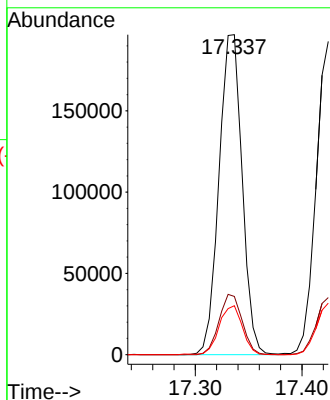
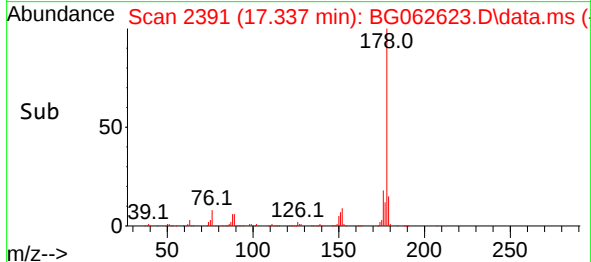
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:178 Resp: 29658
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.0
179 15.3 12.2 18.4

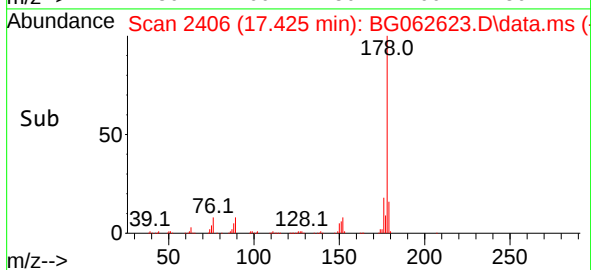
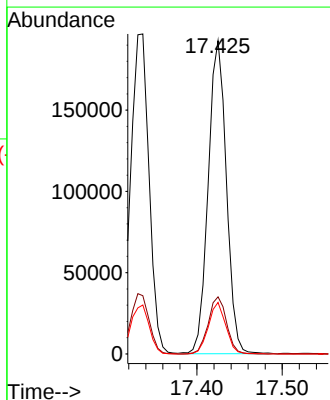
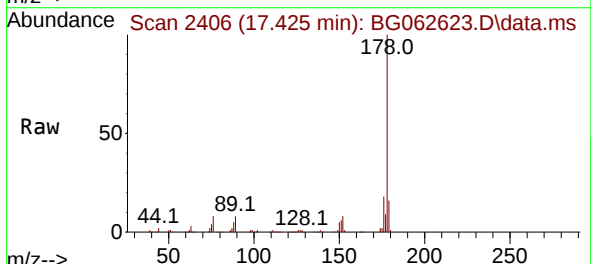
Manual Integrations
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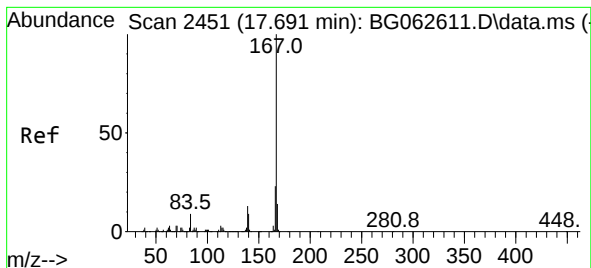
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#72
Anthracene
Concen: 10.056 ng
RT: 17.425 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

Tgt Ion:178 Resp: 285028
Ion Ratio Lower Upper
178 100
176 18.2 15.2 22.8
179 16.4 12.0 18.0





#73

Carbazole

Concen: 9.918 ng

RT: 17.689 min Scan# 2451

Delta R.T. -0.002 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

Instrument :

BNA_G

ClientSampleId :

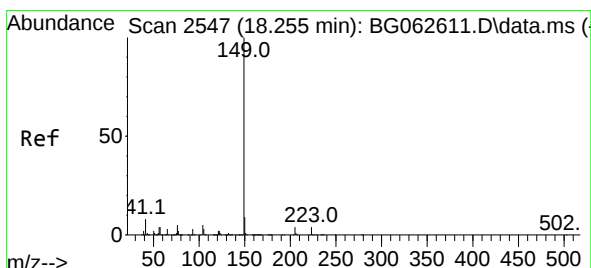
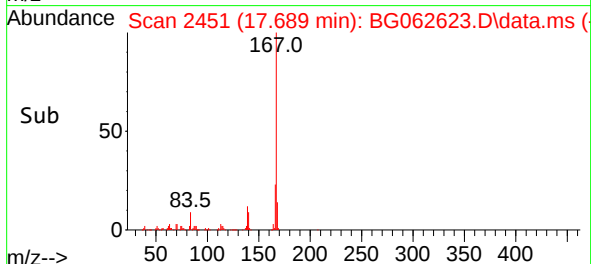
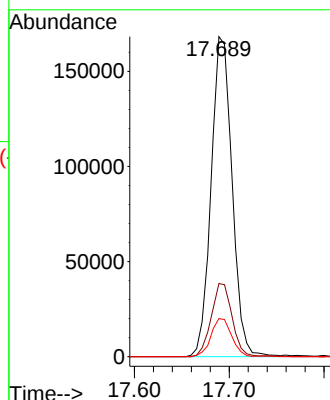
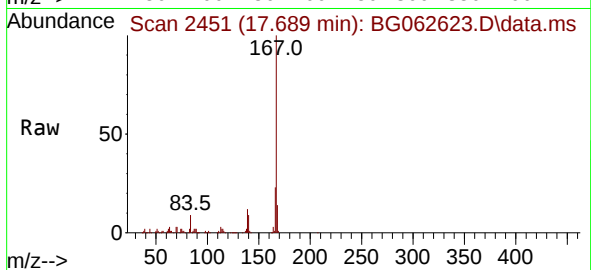
LOQ-SOIL-02-QT3-2024

Tgt Ion:167 Resp: 258430
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 11.9 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: 9.901 ng

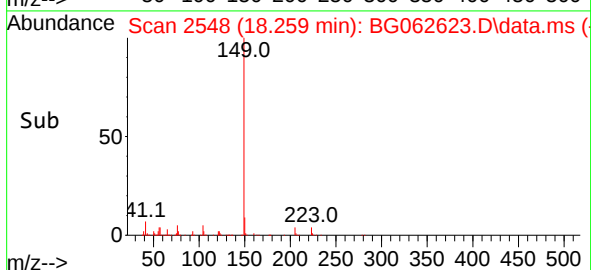
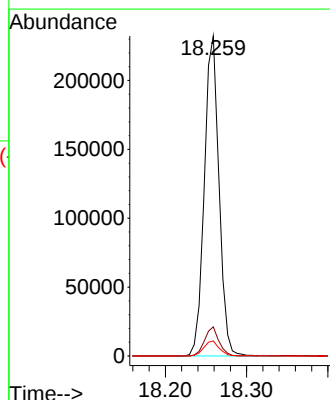
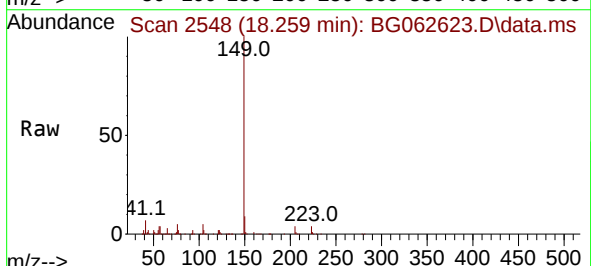
RT: 18.259 min Scan# 2548

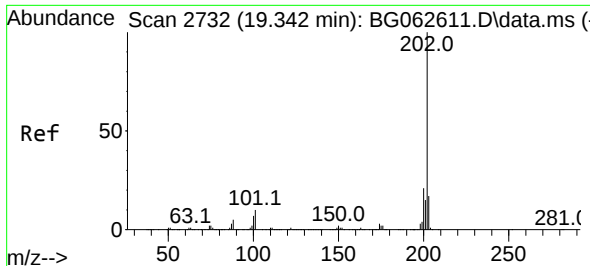
Delta R.T. 0.004 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

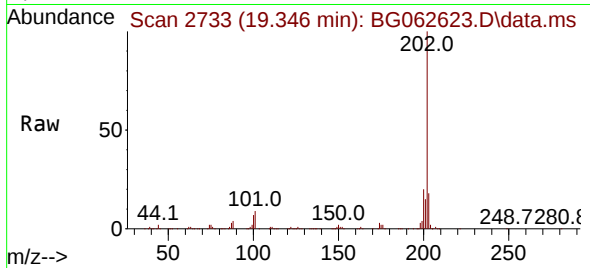
Tgt Ion:149 Resp: 290927
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.7 4.2 6.2





#75
Fluoranthene
Concen: 10.306 ng
RT: 19.346 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

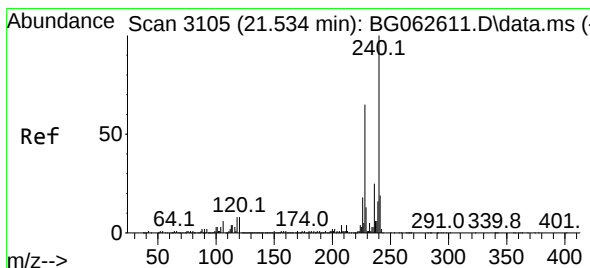
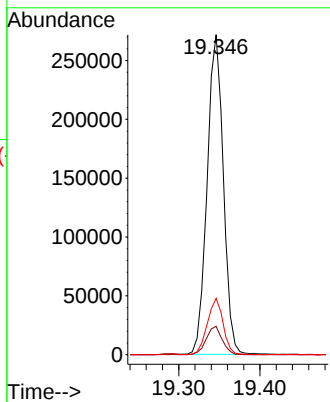
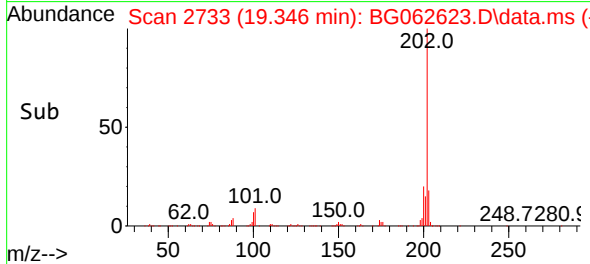
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:202 Resp: 375738
Ion Ratio Lower Upper
202 100
101 8.8 0.0 29.6
203 17.6 0.0 37.4

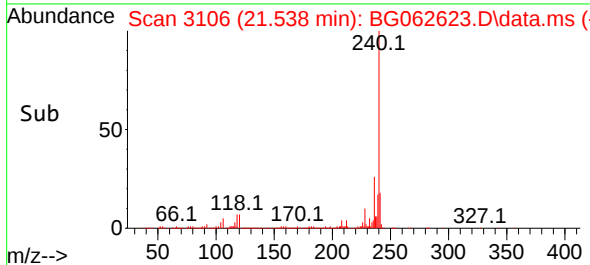
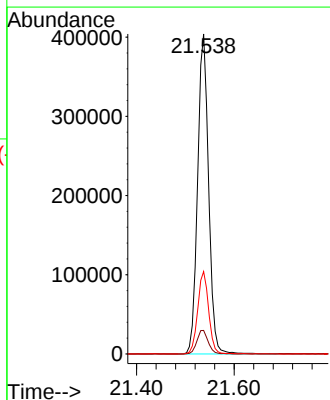
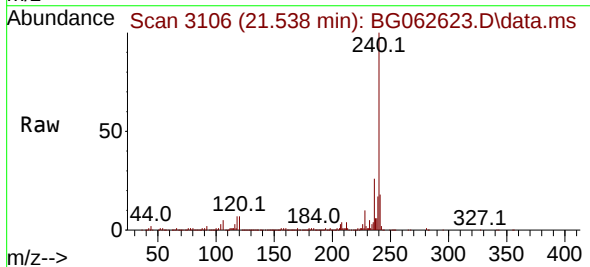
Manual Integrations
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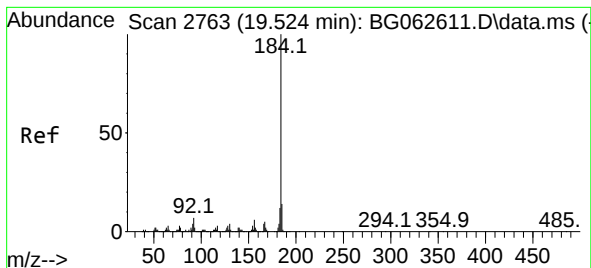
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.538 min Scan# 3106
Delta R.T. 0.004 min
Lab File: BG062623.D
Acq: 3 Sep 2024 13:09

Tgt Ion:240 Resp: 634372
Ion Ratio Lower Upper
240 100
120 7.4 6.6 9.8
236 25.8 20.2 30.4





#77

Benzidine

Concen: 7.470 ng

RT: 19.528 min Scan# 2763

Delta R.T. 0.004 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

Instrument :

BNA_G

ClientSampleId :

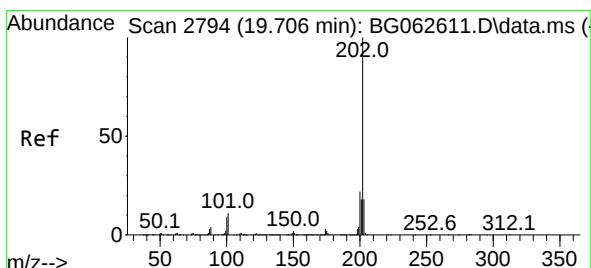
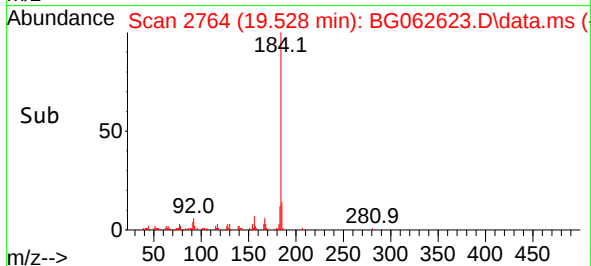
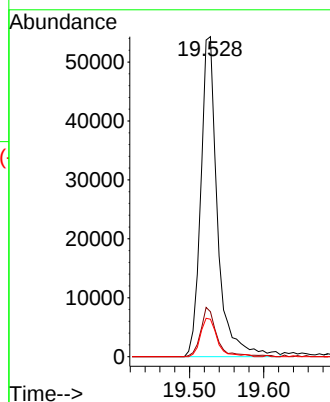
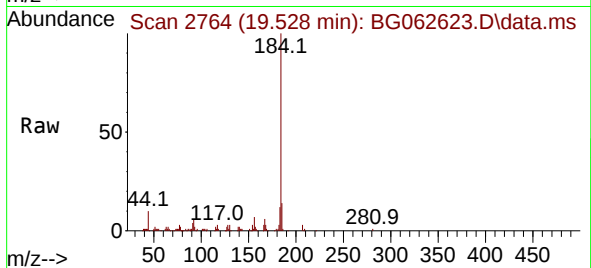
LOQ-SOIL-02-QT3-2024

Tgt Ion:	184	Resp:	8541
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.0	16.6
183	11.7	9.7	14.5

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 9.852 ng

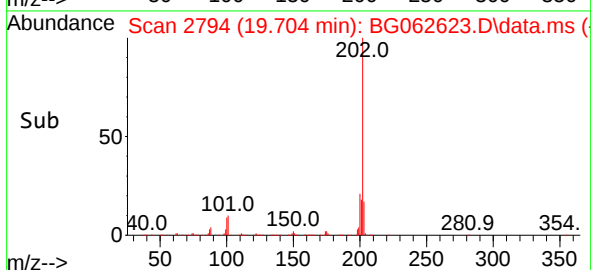
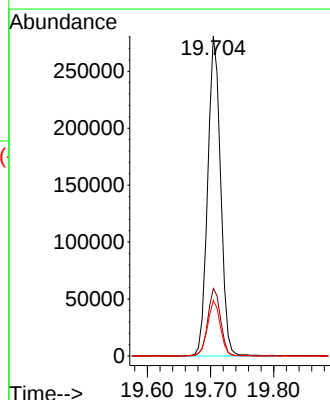
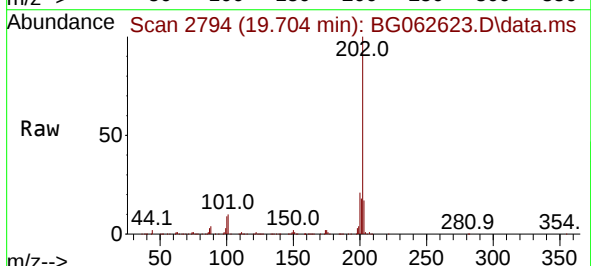
RT: 19.704 min Scan# 2794

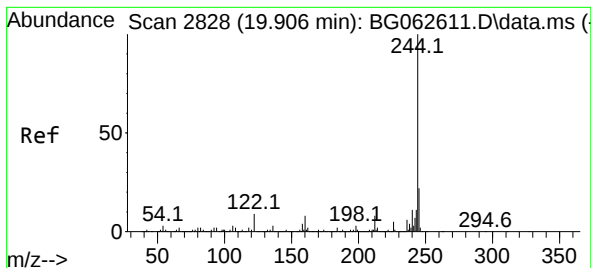
Delta R.T. -0.002 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

Tgt Ion:	202	Resp:	397284
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	17.3	14.1	21.1





#79

Terphenyl-d14

Concen: 75.205 ng

RT: 19.910 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG062623.D

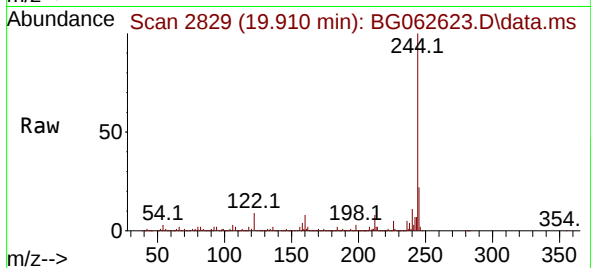
Acq: 3 Sep 2024 13:09

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2024



Tgt Ion:244 Resp: 2406049

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

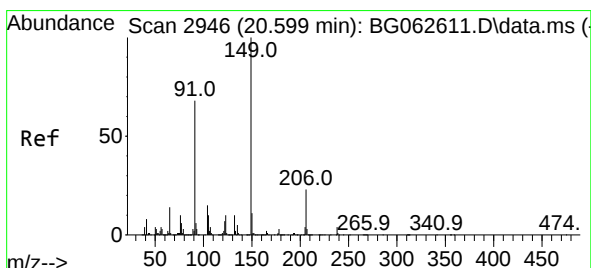
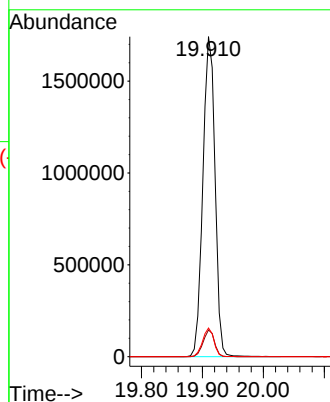
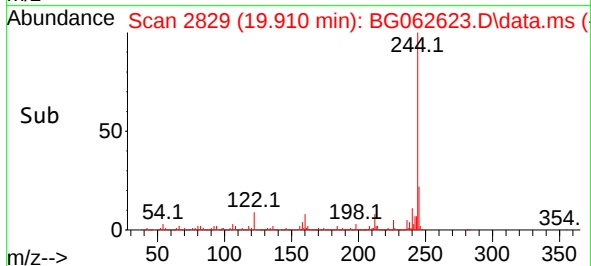
122 9.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024

Supervised By :mohammad ahmed 09/06/2024



#80

Butylbenzylphthalate

Concen: 8.813 ng

RT: 20.603 min Scan# 2947

Delta R.T. 0.004 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

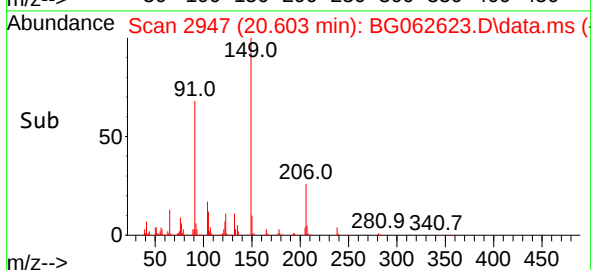
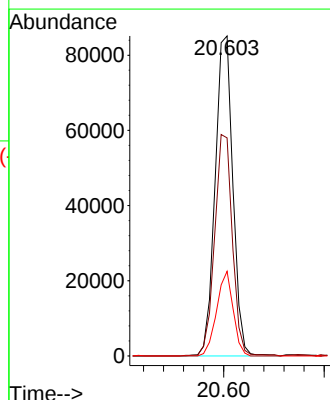
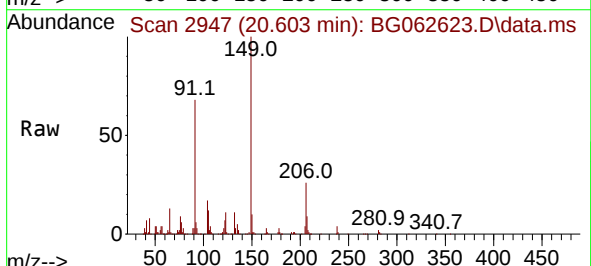
Tgt Ion:149 Resp: 104387

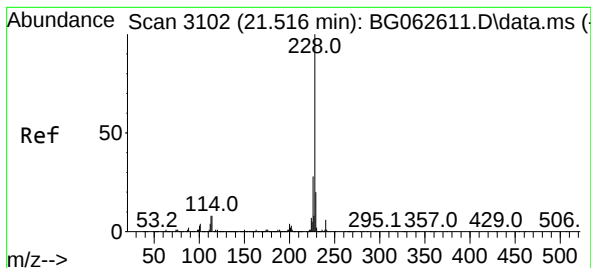
Ion Ratio Lower Upper

149 100

91 68.2 54.6 81.8

206 26.4 18.4 27.6





#81

Benzo(a)anthracene

Concen: 10.028 ng

RT: 21.520 min Scan# 3102

Delta R.T. 0.004 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion:228 Resp: 401218

Ion Ratio Lower Upper

228 100

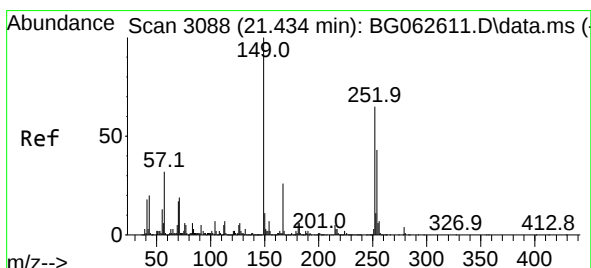
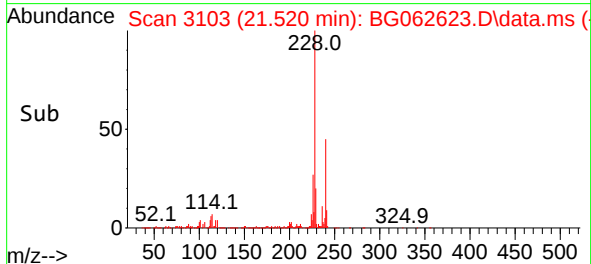
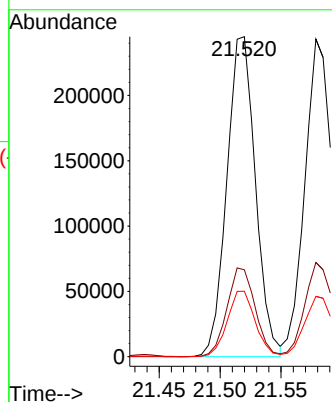
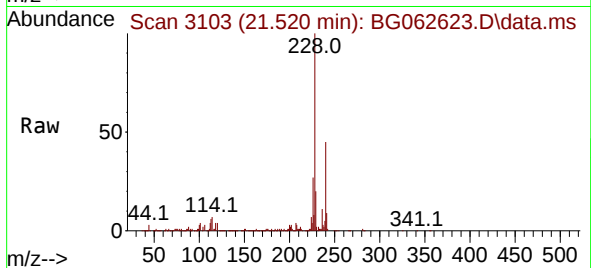
226 27.1 22.3 33.5

229 20.4 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: 10.386 ng

RT: 21.438 min Scan# 3089

Delta R.T. 0.004 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

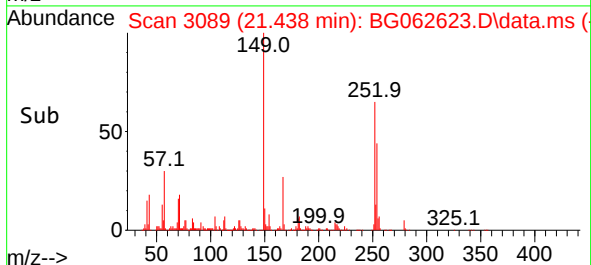
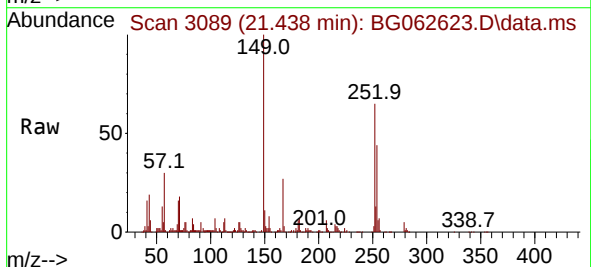
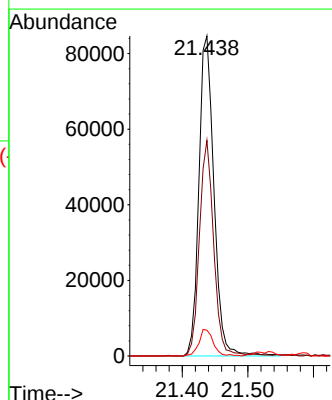
Tgt Ion:252 Resp: 135372

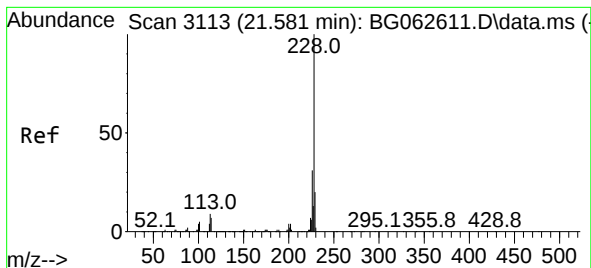
Ion Ratio Lower Upper

252 100

254 67.3 52.2 78.2

126 8.1 6.7 10.1





#83

Chrysene

Concen: 9.977 ng

RT: 21.579 min Scan# 3113

Delta R.T. -0.002 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

Instrument :

BNA_G

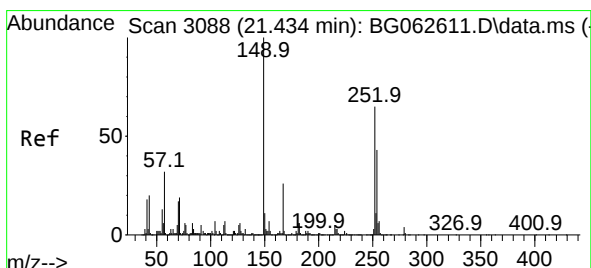
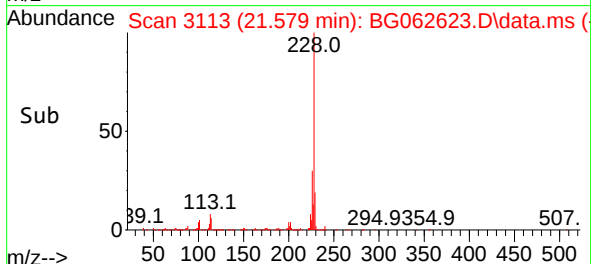
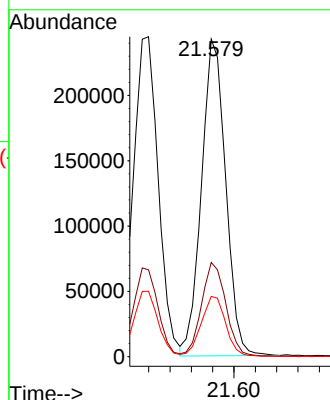
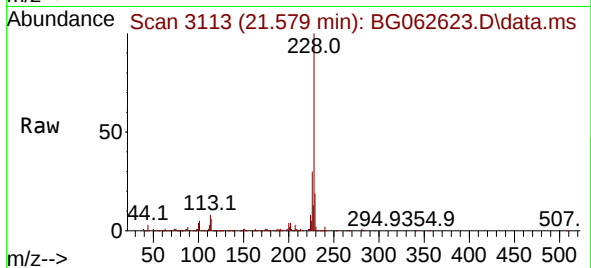
ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion:228 Resp: 382388
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.9 37.3
 229 19.0 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: 9.252 ng

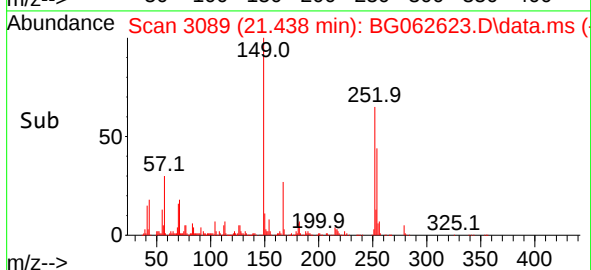
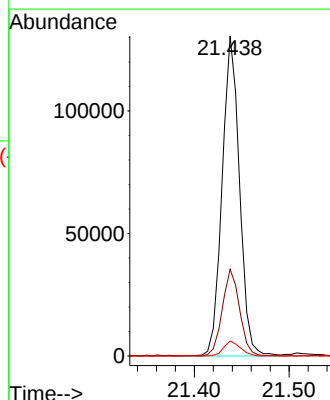
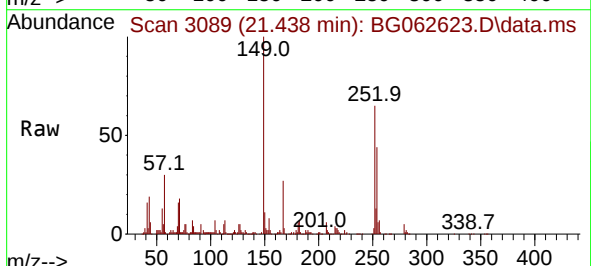
RT: 21.438 min Scan# 3089

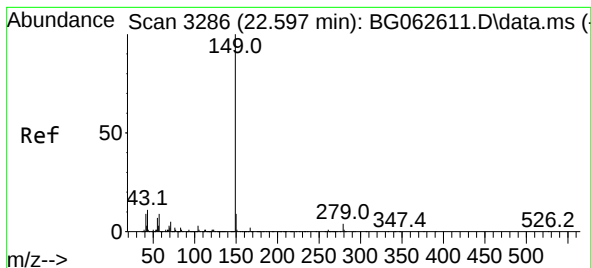
Delta R.T. 0.004 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

Tgt Ion:149 Resp: 166474
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.5 30.7
 279 4.7 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 8.837 ng

RT: 22.601 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2024

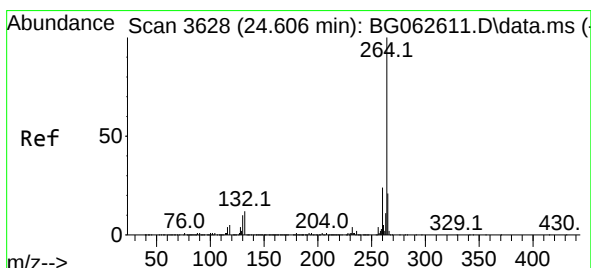
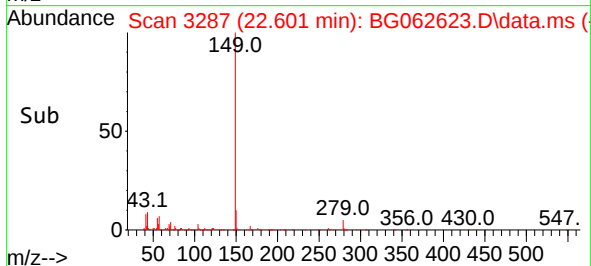
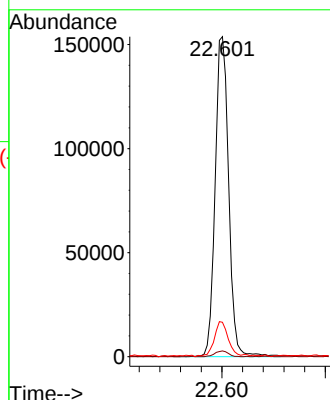
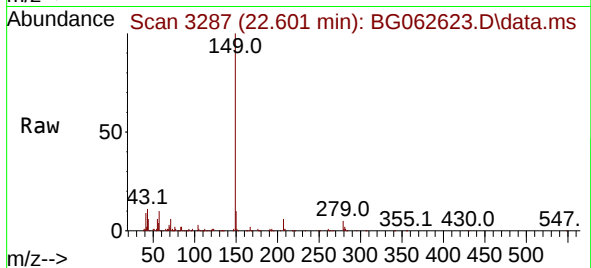
Tgt Ion:149 Resp: 278430

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	12.1	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

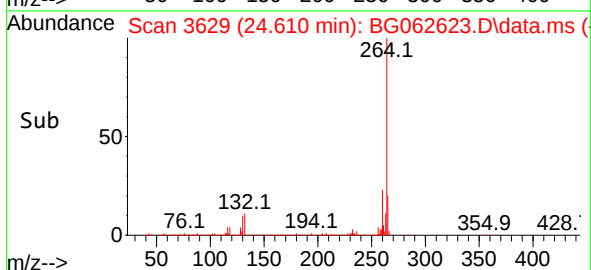
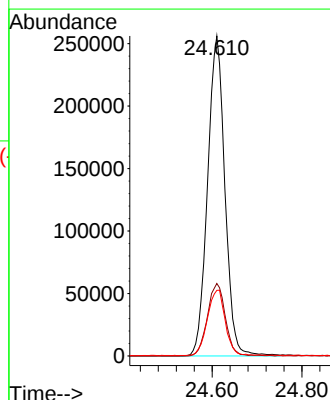
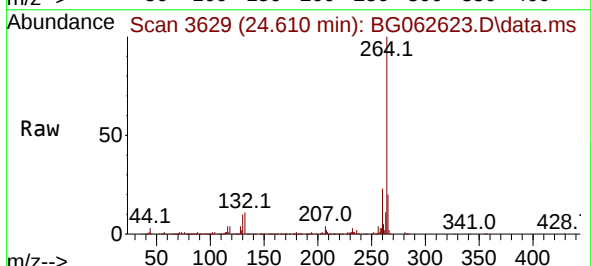
Delta R.T. 0.004 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

Tgt Ion:264 Resp: 686367

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	20.5	17.3	25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.104 ng

RT: 28.071 min Scan# 4218

Delta R.T. -0.002 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion:276 Resp: 444708

Ion Ratio Lower Upper

276 100

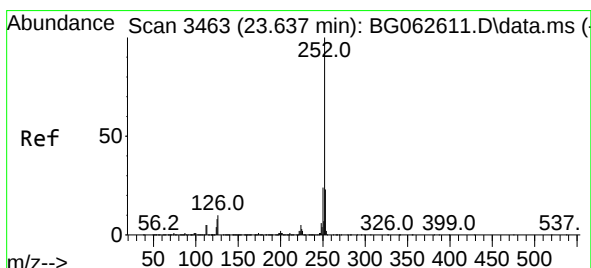
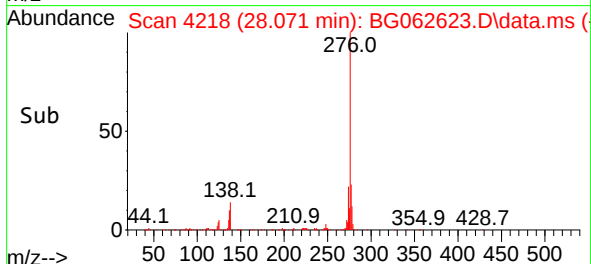
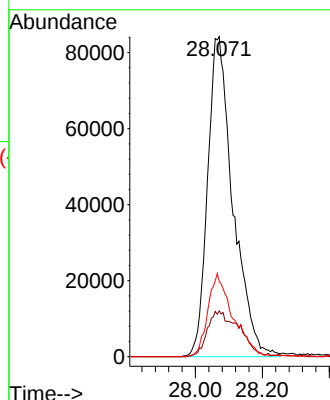
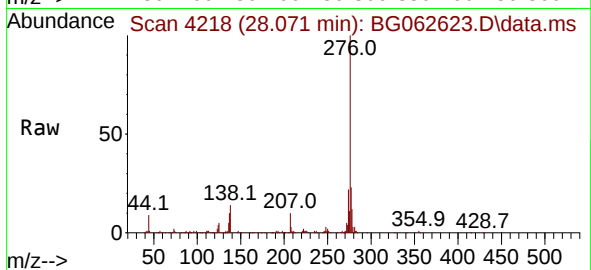
138 17.7 14.9 22.3

277 25.8 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: 10.192 ng

RT: 23.635 min Scan# 3463

Delta R.T. -0.002 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

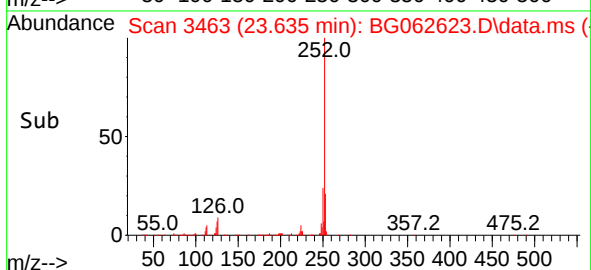
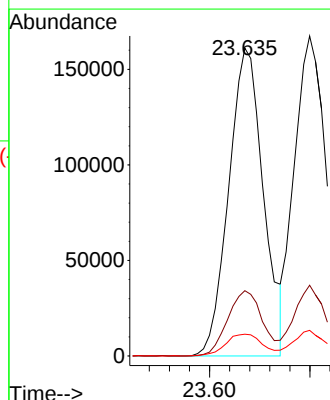
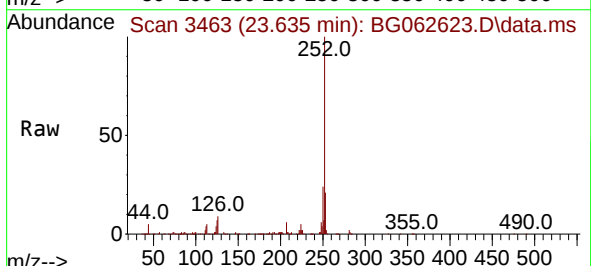
Tgt Ion:252 Resp: 386375

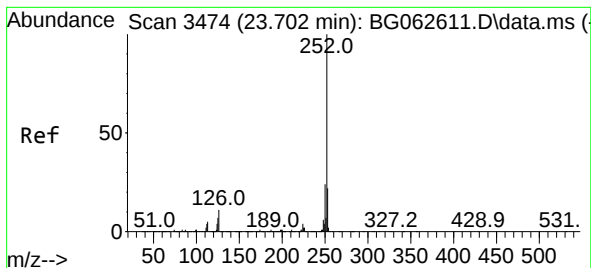
Ion Ratio Lower Upper

252 100

253 21.2 18.2 27.2

125 7.1 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 10.225 ng

RT: 23.700 min Scan# 34

Delta R.T. -0.002 min

Lab File: BG062623.D

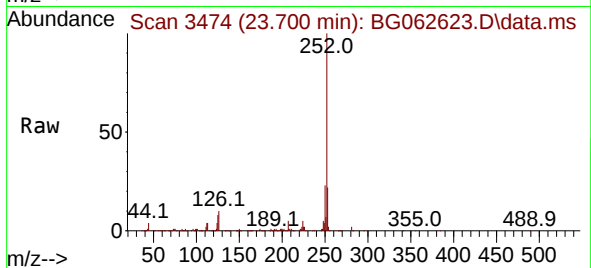
Acq: 3 Sep 2024 13:09

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2024



Tgt Ion:252 Resp: 379180

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

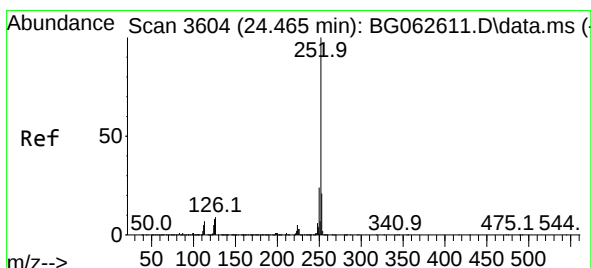
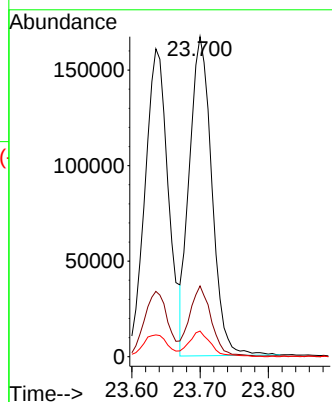
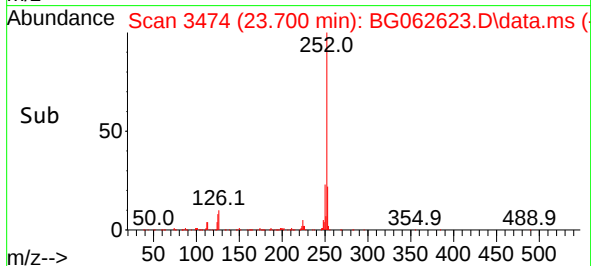
125 8.0 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024

Supervised By :mohammad ahmed 09/06/2024



#90

Benzo(a)pyrene

Concen: 10.342 ng

RT: 24.463 min Scan# 3604

Delta R.T. -0.002 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

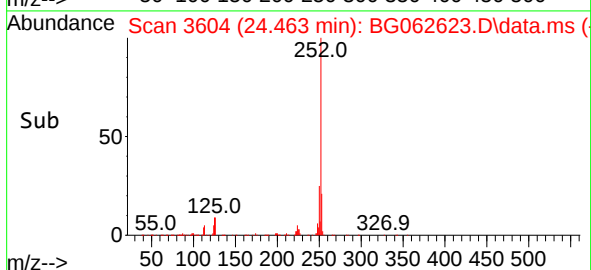
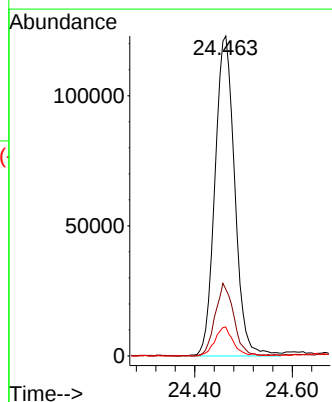
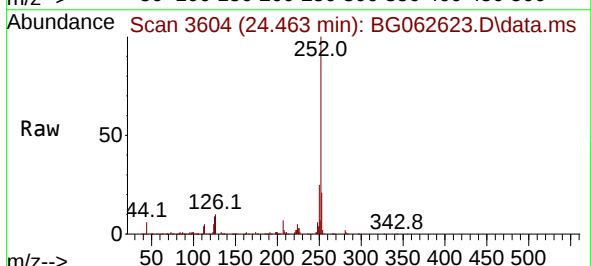
Tgt Ion:252 Resp: 346379

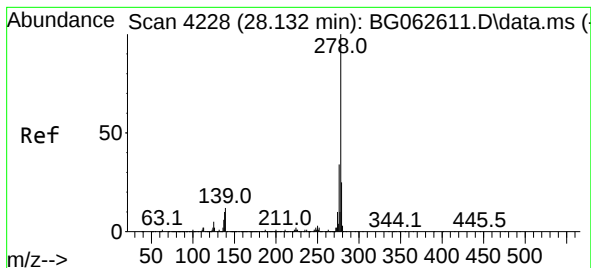
Ion Ratio Lower Upper

252 100

253 20.9 17.1 25.7

125 9.1 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 10.172 ng

RT: 28.136 min Scan# 4228

Delta R.T. 0.004 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion:278 Resp: 36881

Ion Ratio Lower Upper

278 100

139 8.8 9.2 13.8

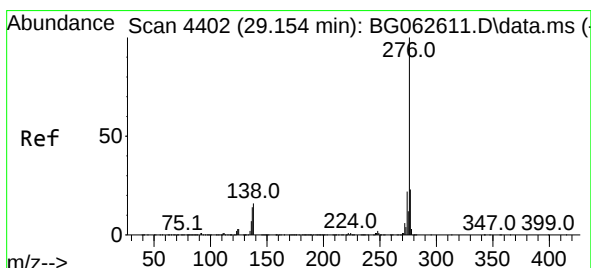
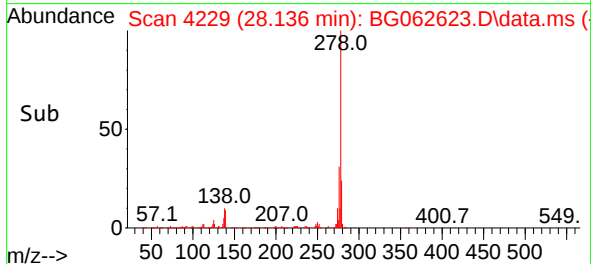
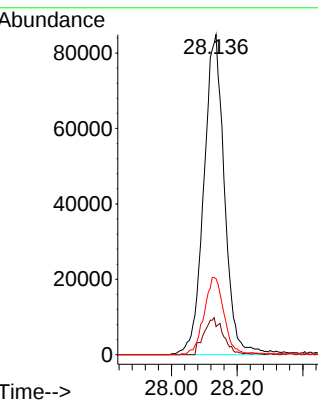
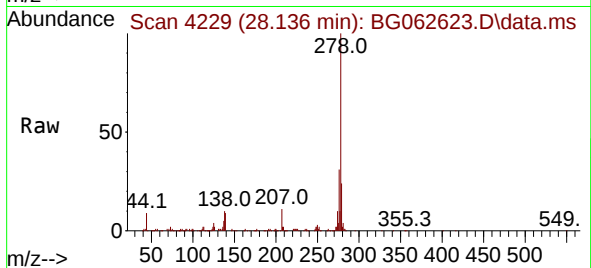
279 23.7 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024

Supervised By :mohammad ahmed 09/06/2024



#92

Benzo(g,h,i)perylene

Concen: 9.680 ng

RT: 29.152 min Scan# 4402

Delta R.T. -0.002 min

Lab File: BG062623.D

Acq: 3 Sep 2024 13:09

Tgt Ion:276 Resp: 353891

Ion Ratio Lower Upper

276 100

277 22.6 18.8 28.2

138 13.1 12.7 19.1

