

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091024\
 Data File : BG062699.D
 Acq On : 10 Sep 2024 12:58
 Operator : JU/RC
 Sample : P3391-03
 Misc : MDL-SOIL-Q3-01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT3-2024-05

Quant Time: Sep 10 13:37:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Yogesh
 Patel

09/12/2024
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	61197	20.000	ng/u1	0.00
20) Naphthalene-d8	10.694	136	267857	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.531	164	217683	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.274	188	594945	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	664617	20.000	ng/u1	0.00
88) Perylene-d12	24.589	264	661830	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	7256	5.360	ng/uL	-0.01
4) Pyridine-d5	3.761	84	98650	22.892	ng/u1	0.00
7) Phenol-d5	7.063	99	115382	21.501	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.227	67	70987	22.064	ng/u1	0.00
11) 2-Chlorophenol-d4	7.433	132	83692	21.411	ng/u1	0.00
15) 4-Methylphenol-d8	8.602	113	87990	19.676	ng/u1	0.00
21) Nitrobenzene-d5	9.049	128	43791	22.874	ng/u1	0.00
24) 2-Nitrophenol-d4	9.777	143	48025	22.938	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.312	165	96994	21.272	ng/u1	0.00
31) 4-Chloroaniline-d4	10.829	131	131438	20.971	ng/u1	0.00
46) Dimethylphthalate-d6	13.937	166	384222	22.921	ng/u1	0.00
49) Acenaphthylene-d8	14.225	160	417067	22.402	ng/u1	0.00
54) 4-Nitrophenol-d4	14.724	143	61718	21.673	ng/u1	0.00
60) Fluorene-d10	15.524	176	354195	23.448	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.641	200	66641	19.473	ng/u1	0.00
73) Anthracene-d10	17.374	188	553311	19.706	ng/u1	0.00
81) Pyrene-d10	19.666	212	826837	22.108	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.378	264	792270	22.671	ng/u1	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.391	88	1751m	1.154	ng/uL	
5) Pyridine	3.778	79	18664	4.129	ng/u1#	55
6) Benzaldehyde	7.039	77	13604	4.611	ng/u1	88
8) Phenol	7.086	94	21630	3.878	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.321	93	17078	4.050	ng/u1	98
12) 2-Chlorophenol	7.462	128	16081	4.024	ng/u1#	93
13) 2-Methylphenol	8.344	108	14932	3.570	ng/u1	86
14) 2,2'-oxybis(1-Chloropr...	8.426	45	31252	4.117	ng/u1#	96
16) Acetophenone	8.720	105	29293	4.030	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.696	70	14643	3.849	ng/u1#	96
18) 4-Methylphenol	8.667	108	16420	3.489	ng/u1	96
19) Hexachloroethane	8.978	117	7315	4.547	ng/u1#	82
22) Nitrobenzene	9.096	77	22389	4.323	ng/u1#	97
23) Isophorone	9.613	82	43989	4.154	ng/u1	99
25) 2-Nitrophenol	9.807	139	9530	4.130	ng/u1	94
26) 2,4-Dimethylphenol	9.871	107	7672	1.556	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.100	93	26211	4.429	ng/u1	97
29) 2,4-Dichlorophenol	10.341	162	18191	4.051	ng/u1	94
30) Naphthalene	10.741	128	62143	4.327	ng/u1	96
32) 4-Chloroaniline	10.847	127	23881	3.831	ng/u1	99
33) Hexachlorobutadiene	11.029	225	16495	4.409	ng/u1	88
34) Caprolactam	11.616	113	7324m	4.425	ng/u1	
35) 4-Chloro-3-methylphenol	11.975	107	17640	3.601	ng/u1	97
36) 2-Methylnaphthalene	12.351	142	44023	4.153	ng/u1	91

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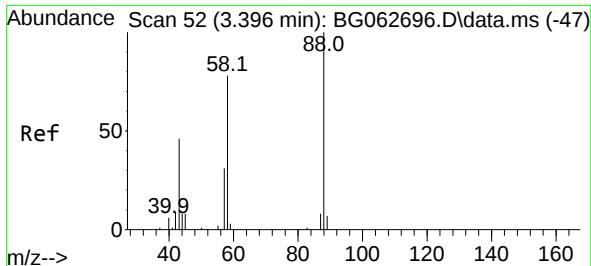
Manual Integrations
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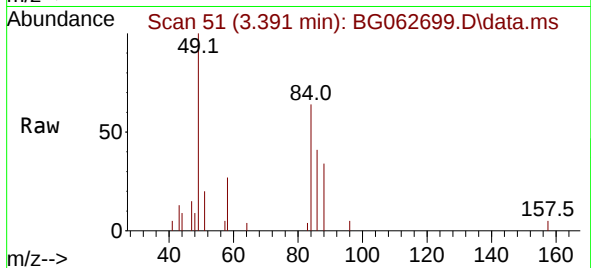
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.574	142	47014	4.330	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.721	216	30183	4.033	ng/ul	95
40) Hexachlorocyclopentadiene	12.703	237	17081	4.461	ng/ul	98
41) 2,4,6-Trichlorophenol	12.962	196	17952	3.960	ng/ul	94
42) 2,4,5-Trichlorophenol	13.038	196	18572	3.816	ng/ul	91
43) 1,1'-Biphenyl	13.361	154	64860	4.237	ng/ul	96
44) 2-Chloronaphthalene	13.402	162	52853	4.246	ng/ul	97
45) 2-Nitroaniline	13.608	65	12244	3.585	ng/ul	97
47) Dimethylphthalate	13.984	163	75358	4.365	ng/ul	97
48) 2,6-Dinitrotoluene	14.102	165	11650	3.830	ng/ul	99
50) Acenaphthylene	14.249	152	87691	4.461	ng/ul	97
51) 3-Nitroaniline	14.431	138	11441	3.757	ng/ul	99
52) Acenaphthene	14.595	153	59098	4.245	ng/ul	94
53) 2,4-Dinitrophenol	14.636	184	11240	5.597	ng/ul	86
55) 4-Nitrophenol	14.736	109	11152	4.357	ng/ul	88
56) Dibenzofuran	14.930	168	89080	4.307	ng/ul	96
57) 2,4-Dinitrotoluene	14.889	165	18677	3.928	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.159	232	20487	4.154	ng/ul	94
59) Diethylphthalate	15.347	149	75615	4.440	ng/ul	99
61) Fluorene	15.576	166	71360	4.392	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.576	204	42900	4.501	ng/ul	94
63) 4-Nitroaniline	15.588	138	13546	4.134	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.653	198	14383	4.054	ng/ul#	92
67) N-Nitrosodiphenylamine	15.788	169	62832	4.118	ng/ul	98
68) 4-Bromophenyl-phenylether	16.469	248	27860	4.069	ng/ul	97
69) Hexachlorobenzene	16.587	284	32471	4.154	ng/ul	98
70) Atrazine	16.734	200	29270	4.307	ng/ul#	95
71) Pentachlorophenol	16.928	266	28608	6.119	ng/ul	89
72) Phenanthrene	17.321	178	136735	4.420	ng/ul	99
74) Anthracene	17.410	178	122672	3.889	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.326	216	30602	3.767	ng/ul	96
76) Pentachlorobenzene	14.848	250	36856	4.094	ng/ul	92
77) Carbazole	17.680	167	110947	4.242	ng/ul	100
78) Di-n-butylphthalate	18.244	149	130709	4.226	ng/ul	99
80) Fluoranthene	19.331	202	174297	4.208	ng/ul	98
82) Pyrene	19.695	202	193075	4.330	ng/ul	99
83) Butylbenzylphthalate	20.588	149	51595	3.898	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.422	252	60962	4.357	ng/ul	92
85) Benzo(a)anthracene	21.505	228	191905	4.152	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.422	149	78101	4.007	ng/ul	97
87) Chrysene	21.563	228	188192	4.291	ng/ul	99
89) Di-n-octyl phthalate	22.580	149	125774	4.086	ng/ul	100
90) Benzo(b)fluoranthene	23.614	252	173057m	4.235	ng/ul	
91) Benzo(k)fluoranthene	23.679	252	191922	4.587	ng/ul	98
93) Benzo(a)pyrene	24.442	252	168218	4.365	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.032	276	193557	4.076	ng/ul	96
95) Dibenzo(a,h)anthracene	28.097	278	164711	4.318	ng/ul	99
96) Benzo(g,h,i)perylene	29.108	276	162470	4.430	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.154 ng/uL m
RT: 3.391 min Scan# 51
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



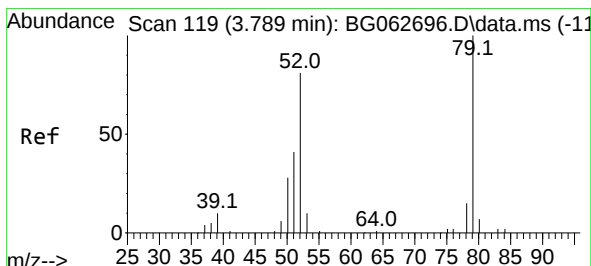
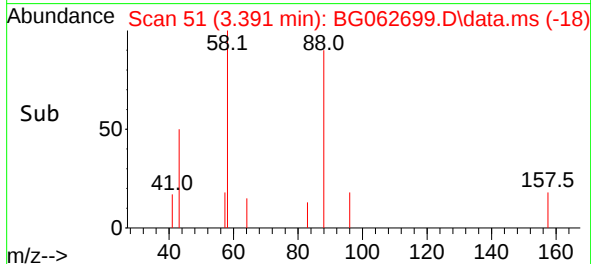
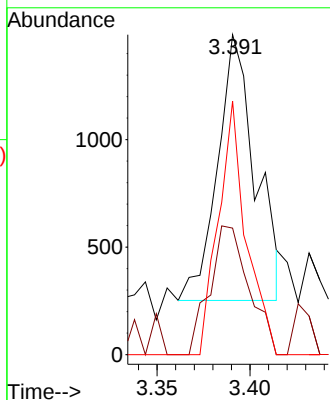
Tgt Ion: 88 Resp: 175
Ion Ratio Lower Upper
88 100
43 39.5 23.1 34.7
58 79.2 57.2 85.8

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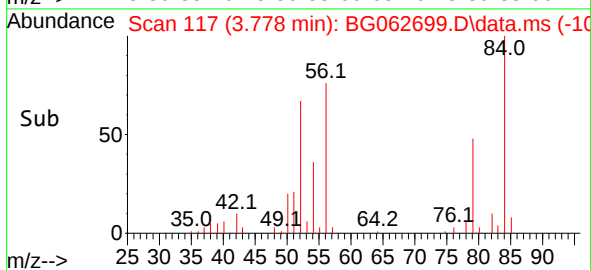
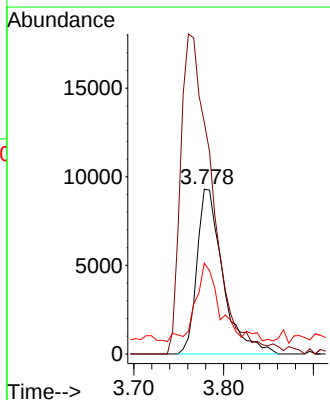
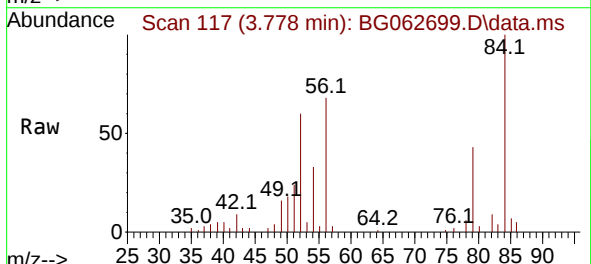
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Supervised By :mohammad
ahmed

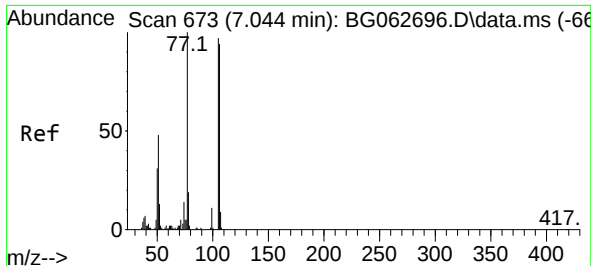
09/13/2024



#5
Pyridine
Concen: 4.129 ng/uL
RT: 3.778 min Scan# 117
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

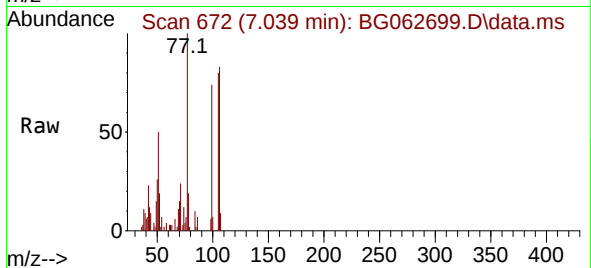
Tgt Ion: 79 Resp: 18664
Ion Ratio Lower Upper
79 100
52 140.7 69.8 104.8
51 55.2 34.0 51.0





#6
Benzaldehyde
Concen: 4.611 ng/ul
RT: 7.039 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



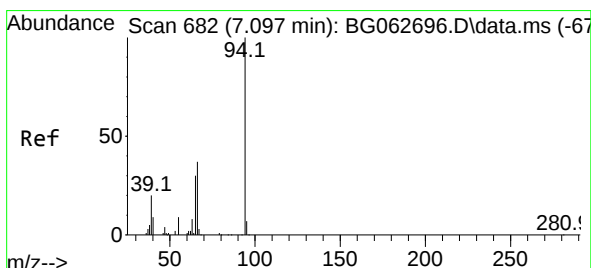
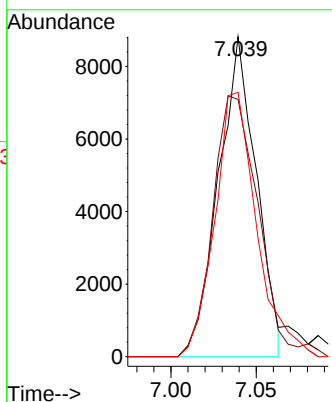
Tgt Ion: 77 Resp: 13604
Ion Ratio Lower Upper
77 100
105 80.4 79.0 118.4
106 82.6 69.0 103.6

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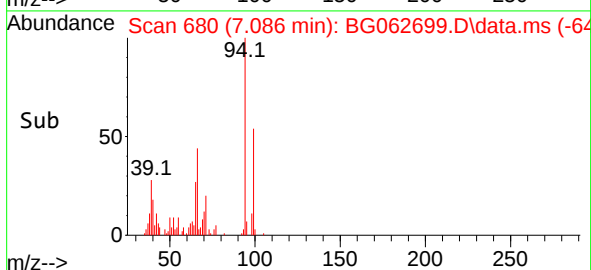
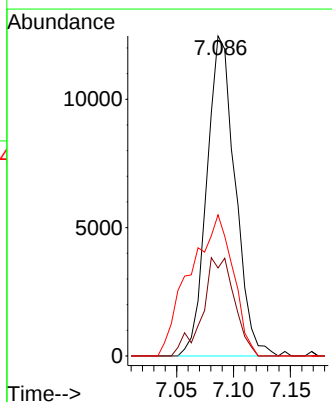
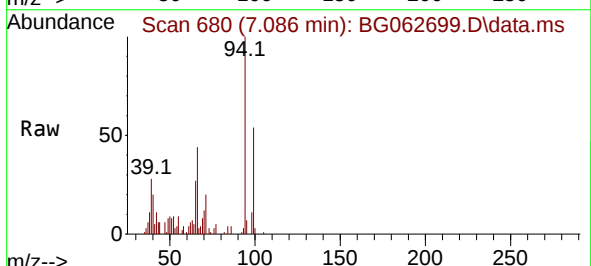
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ahmed

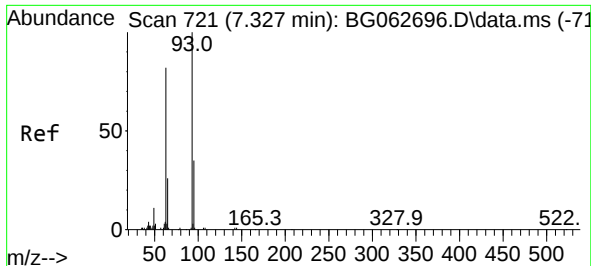
09/13/2024



#8
Phenol
Concen: 3.878 ng/ul
RT: 7.086 min Scan# 680
Delta R.T. -0.014 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

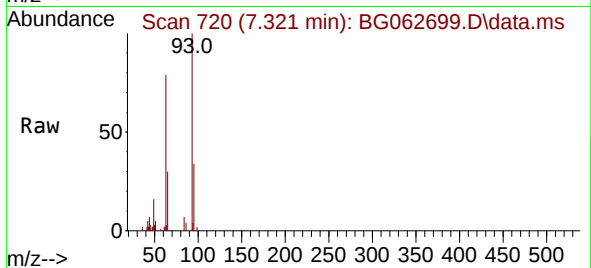
Tgt Ion: 94 Resp: 21630
Ion Ratio Lower Upper
94 100
65 27.5 25.1 37.7
66 44.1 30.8 46.2





#10
Bis(2-Chloroethyl)ether
Concen: 4.050 ng/ul
RT: 7.321 min Scan# 721
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



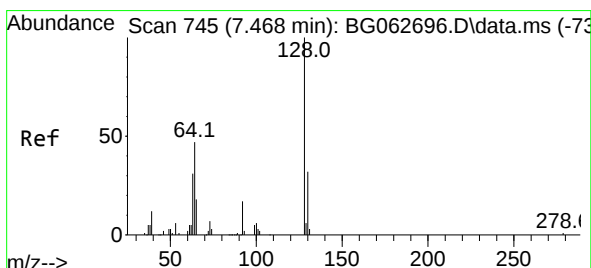
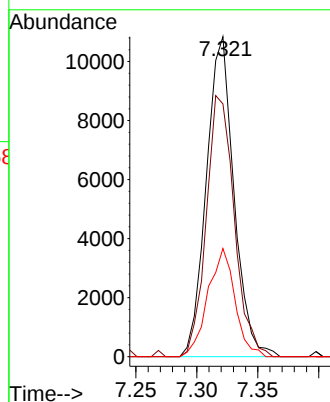
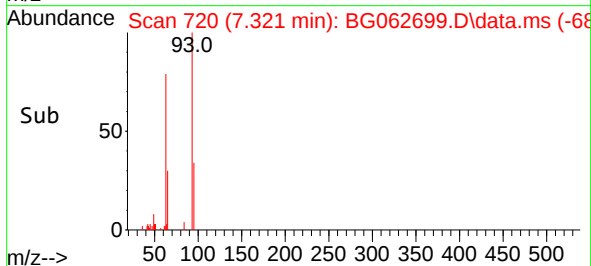
Tgt Ion: 93 Resp: 17078
Ion Ratio Lower Upper
93 100
63 79.0 62.0 93.0
95 33.8 25.9 38.9

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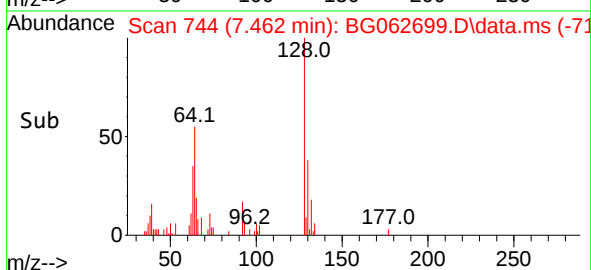
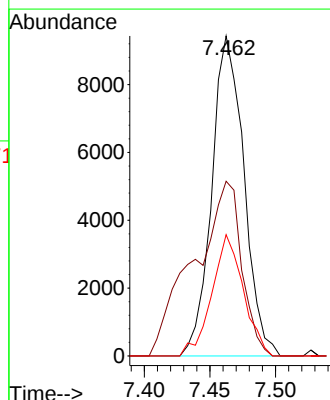
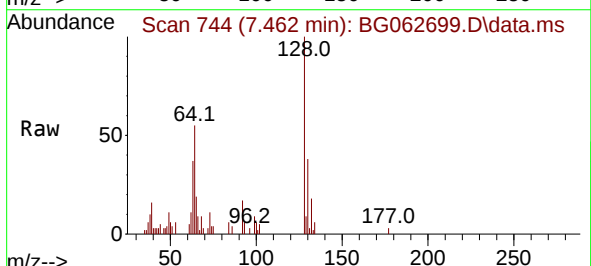
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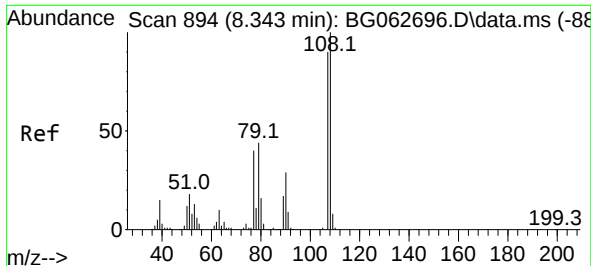
09/13/2024



#12
2-Chlorophenol
Concen: 4.024 ng/ul
RT: 7.462 min Scan# 744
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

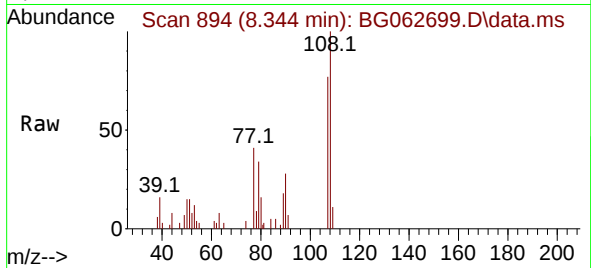
Tgt Ion:128 Resp: 16081
Ion Ratio Lower Upper
128 100
64 54.6 42.0 63.0
130 37.9 24.0 36.0#





#13
2-Methylphenol
Concen: 3.570 ng/ul
RT: 8.344 min Scan# 894
Delta R.T. -0.002 min
Lab File: BG062699.D
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ClientSampleId :
MDL-SOIL-QT3-2024-05



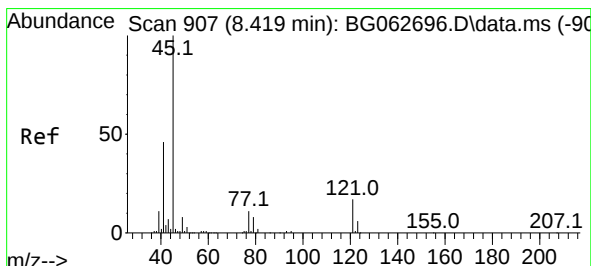
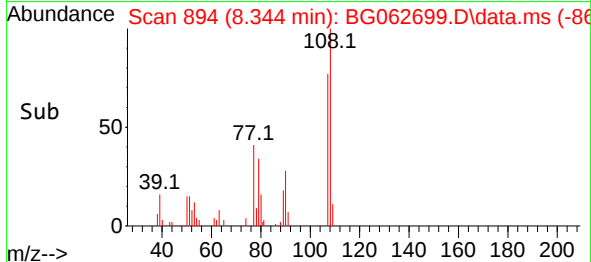
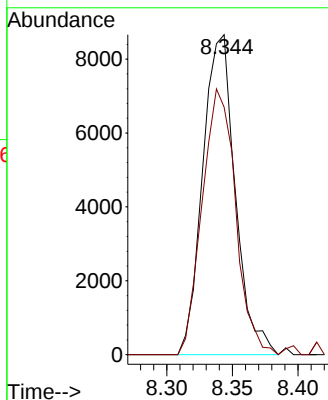
Tgt Ion:108 Resp: 1493
Ion Ratio Lower Upper
108 100
107 77.3 72.1 108.1

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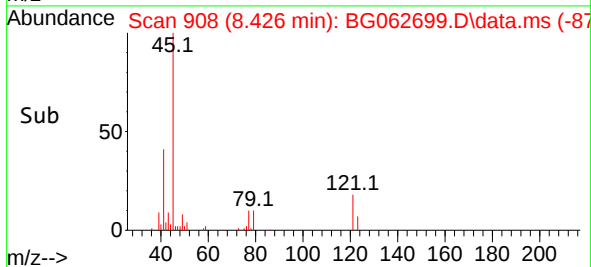
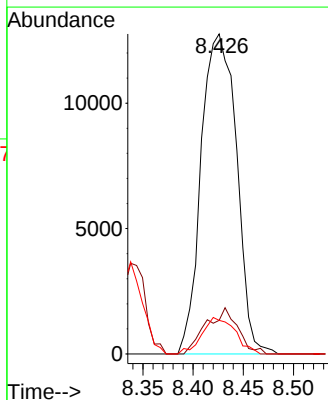
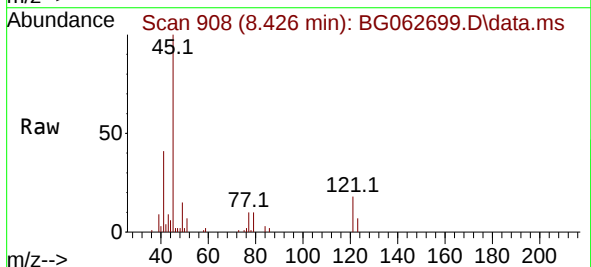
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ahmed

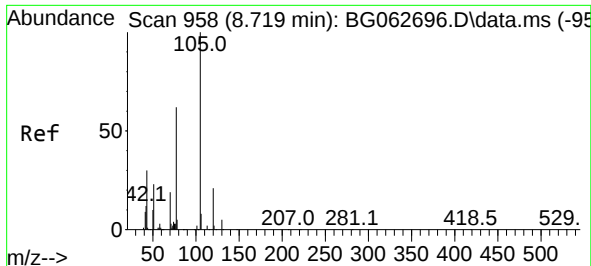
09/13/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.117 ng/ul
RT: 8.426 min Scan# 908
Delta R.T. 0.004 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Tgt Ion: 45 Resp: 31252
Ion Ratio Lower Upper
45 100
77 10.5 9.0 13.6
79 10.5 6.6 9.8





#16
Acetophenone
Concen: 4.030 ng/ul
RT: 8.720 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05

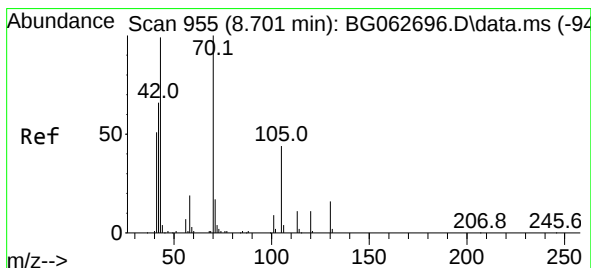
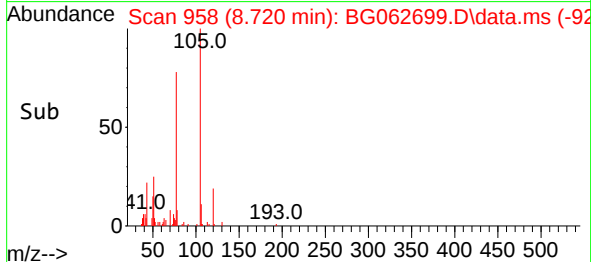
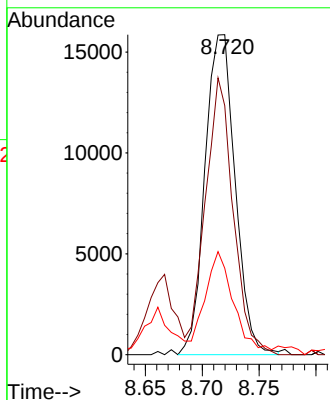
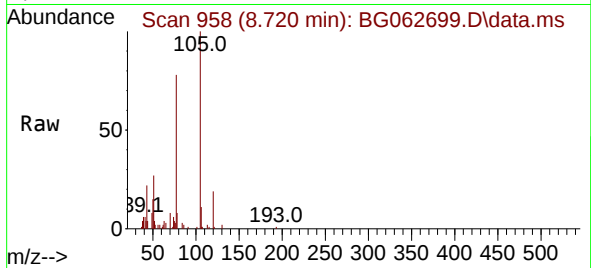
Tgt Ion:	105	Resp:	2929
Ion Ratio	Lower	Upper	
105	100		
77	77.8	63.3	94.9
51	27.0	26.5	39.7

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Reviewed By :Yogesh
Patel

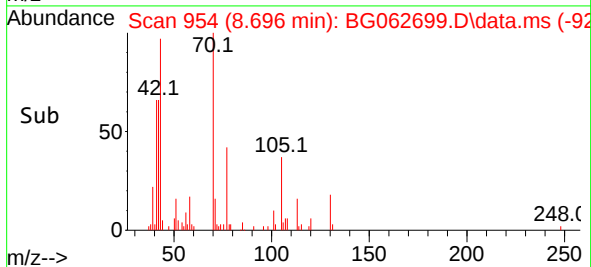
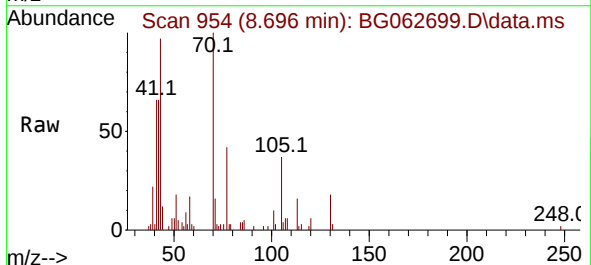
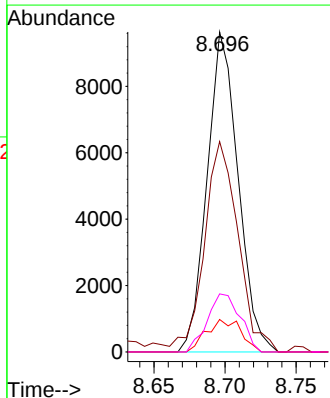
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Supervised By :mohammad
ahmed

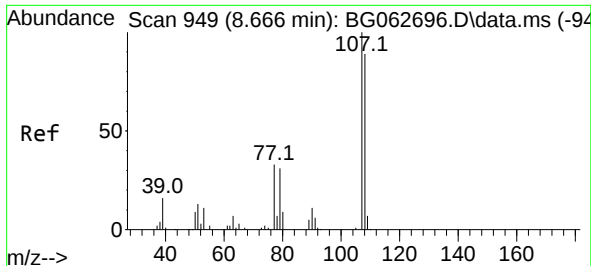
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#17
N-Nitroso-di-n-propylamine
Concen: 3.849 ng/ul
RT: 8.696 min Scan# 954
Delta R.T. -0.014 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

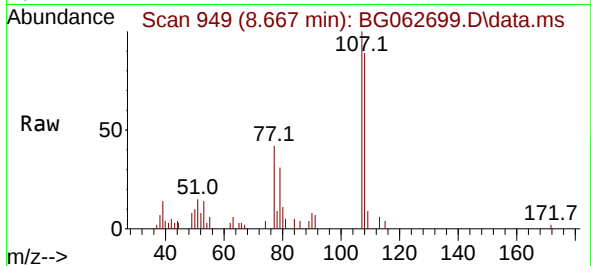
Tgt Ion:	70	Resp:	14643
Ion Ratio	Lower	Upper	
70	100		
42	65.8	50.2	75.2
101	10.2	6.2	9.4
130	18.1	15.1	22.7





#18
4-Methylphenol
Concen: 3.489 ng/ul
RT: 8.667 min Scan# 94
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



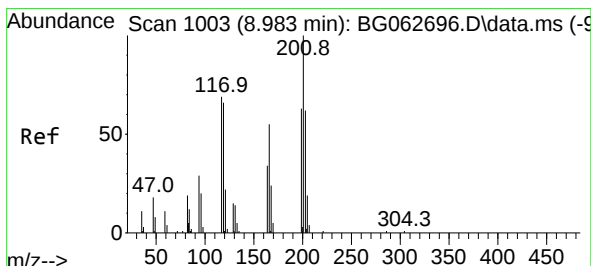
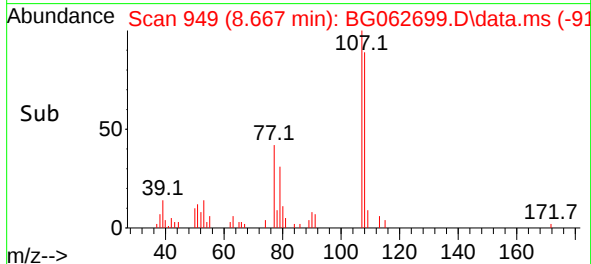
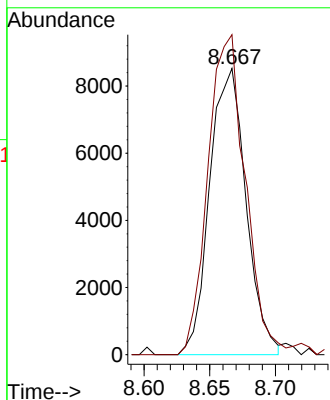
Tgt Ion:108 Resp: 16420
Ion Ratio Lower Upper
108 100
107 111.8 86.4 129.6

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Reviewed By :Yogesh
Patel

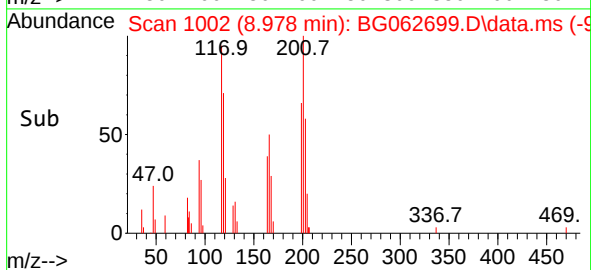
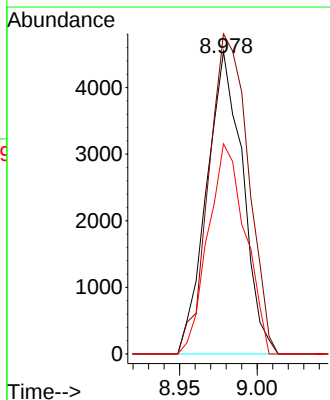
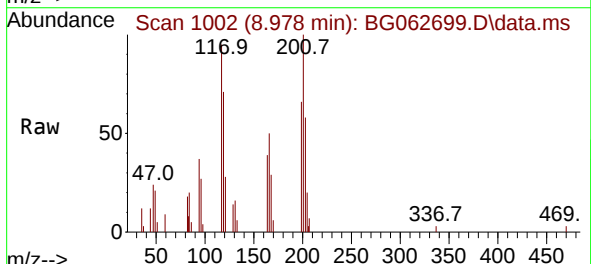
09/12/2024
Supervised By :mohammad
ahmed

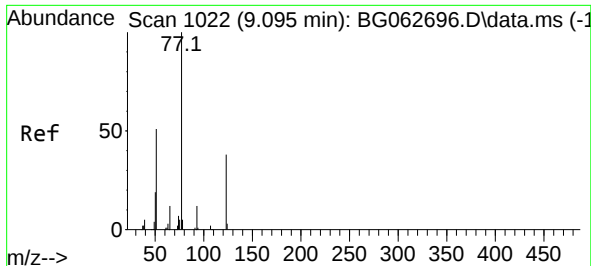
09/13/2024



#19
Hexachloroethane
Concen: 4.547 ng/ul
RT: 8.978 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

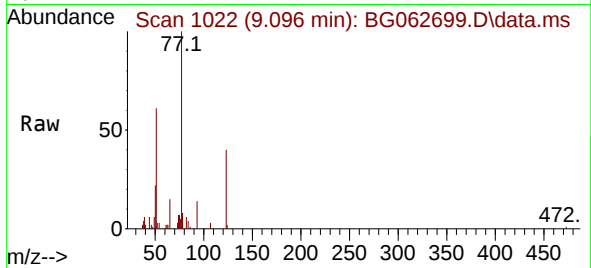
Tgt Ion:117 Resp: 7315
Ion Ratio Lower Upper
117 100
201 105.8 106.6 160.0#
199 69.5 62.0 93.0





#22
Nitrobenzene
Concen: 4.323 ng/ul
RT: 9.096 min Scan# 1109
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



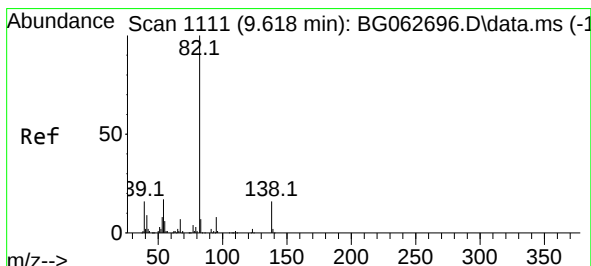
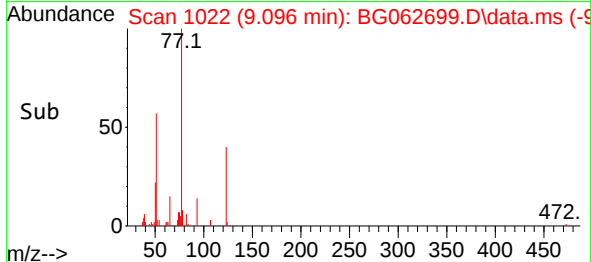
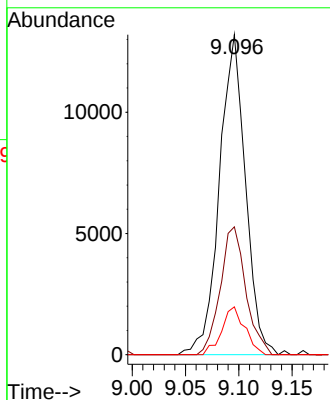
Tgt Ion: 77 Resp: 22389
Ion Ratio Lower Upper
77 100
123 40.0 30.9 46.3
65 14.9 9.7 14.5

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Patel

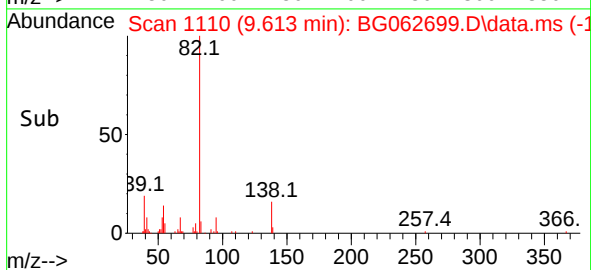
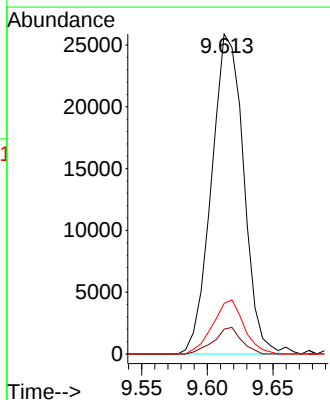
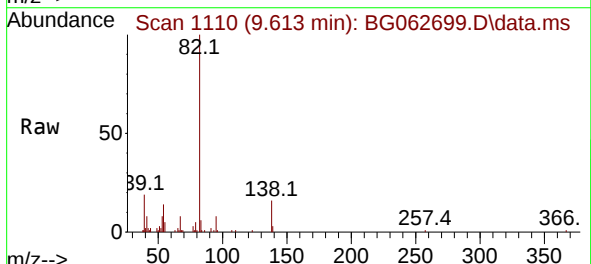
09/12/2024
Supervised By :mohammad
ahmed

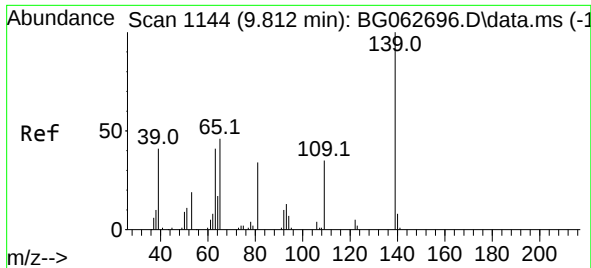
09/13/2024



#23
Isophorone
Concen: 4.154 ng/ul
RT: 9.613 min Scan# 1110
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Tgt Ion: 82 Resp: 43989
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.8
138 15.8 13.0 19.6





#25
2-Nitrophenol
Concen: 4.130 ng/ul
RT: 9.807 min Scan# 1143
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2024-05

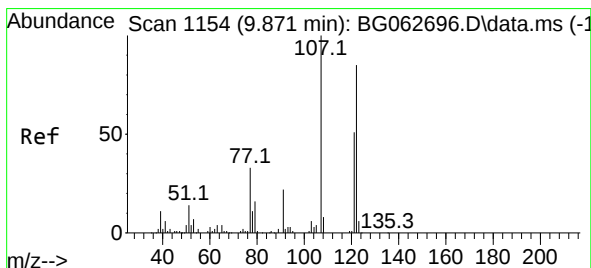
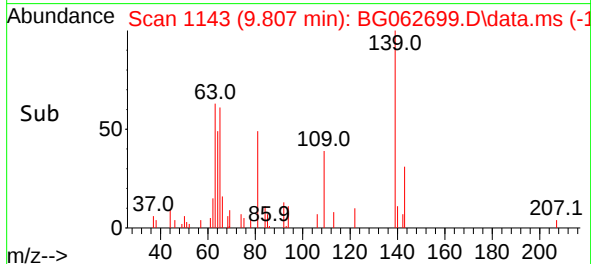
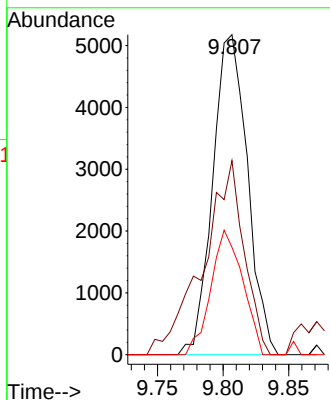
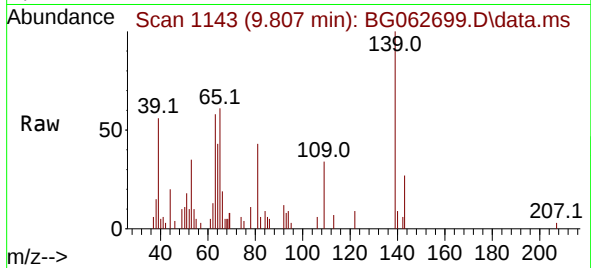
Tgt Ion:139 Resp: 9530
Ion Ratio Lower Upper
139 100
65 60.7 45.4 68.0
109 33.6 23.9 35.9

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Reviewed By :Yogesh
Patel

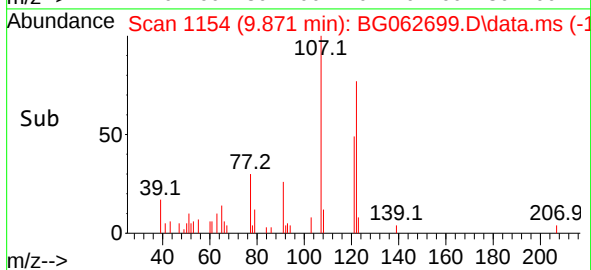
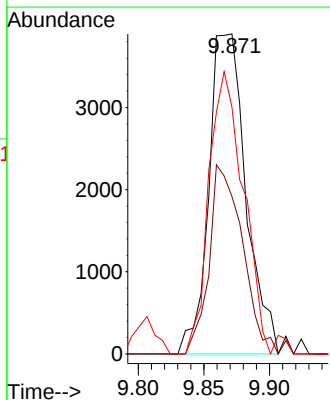
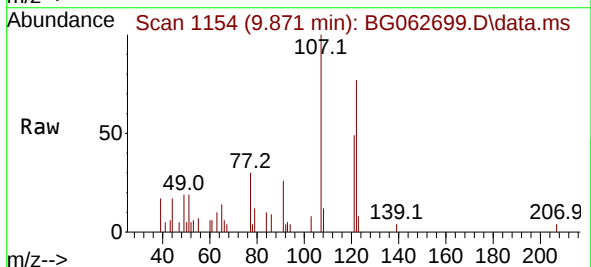
09/12/2024
Supervised By :mohammad
ahmed

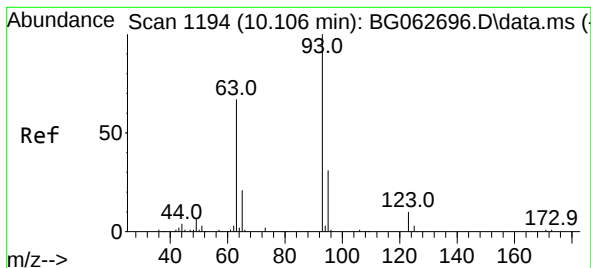
09/13/2024



#26
2,4-Dimethylphenol
Concen: 1.556 ng/ul
RT: 9.871 min Scan# 1154
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Tgt Ion:107 Resp: 7672
Ion Ratio Lower Upper
107 100
121 49.2 38.8 58.2
122 77.1 70.5 105.7





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.429 ng/ul
 RT: 10.100 min Scan# 1193
 Delta R.T. -0.008 min
 Lab File: BG062699.D
 Acq: 10 Sep 2024 12:58

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT3-2024-05

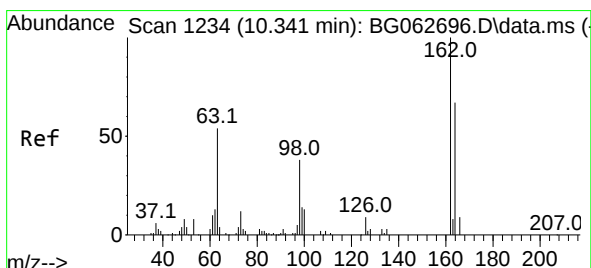
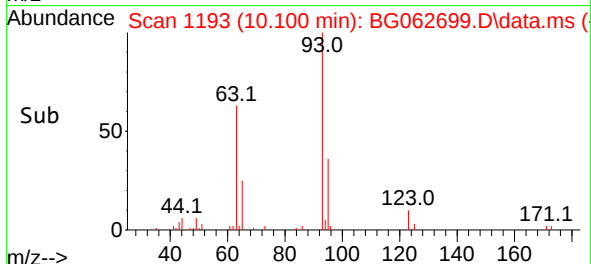
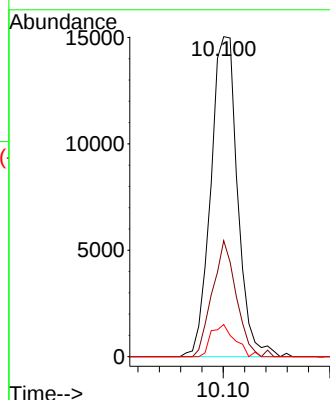
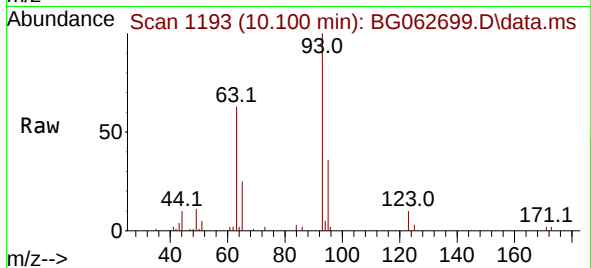
Tgt Ion: 93	Resp: 2621
Ion Ratio	Lower Upper
93 100	
95 36.3	27.4 41.2
123 10.0	9.1 13.7

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Reviewed By :Yogesh
 Patel

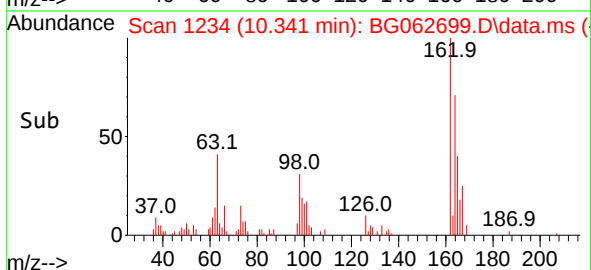
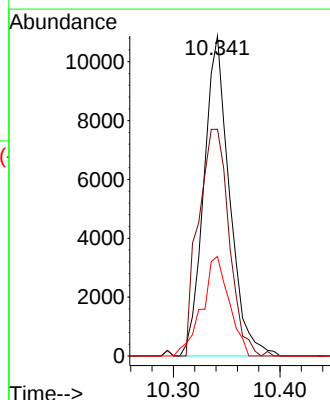
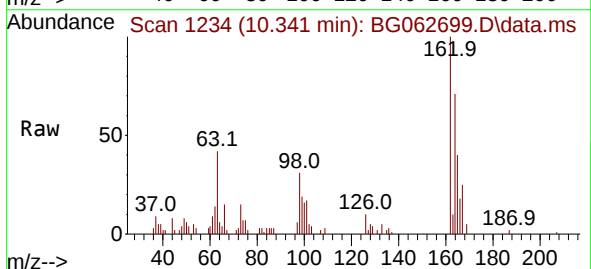
09/12/2024
 Supervised By :mohammad
 ahmed

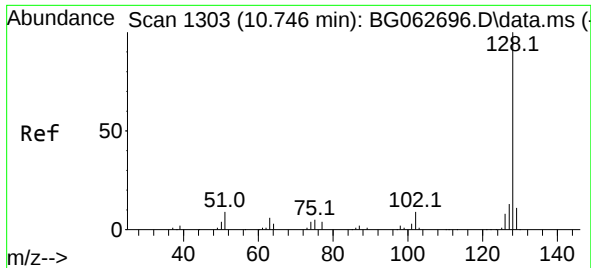
09/13/2024



#29
 2,4-Dichlorophenol
 Concen: 4.051 ng/ul
 RT: 10.341 min Scan# 1234
 Delta R.T. -0.002 min
 Lab File: BG062699.D
 Acq: 10 Sep 2024 12:58

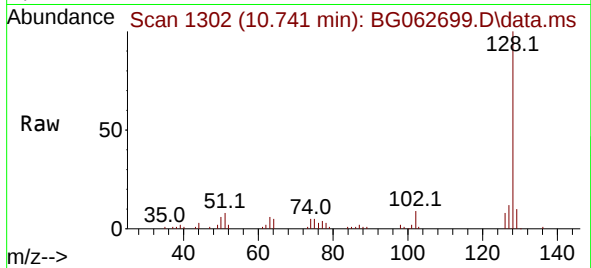
Tgt Ion:162	Resp: 18191
Ion Ratio	Lower Upper
162 100	
164 70.8	51.9 77.9
98 31.1	23.8 35.6





#30
Naphthalene
Concen: 4.327 ng/ul
RT: 10.741 min Scan# 1302
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



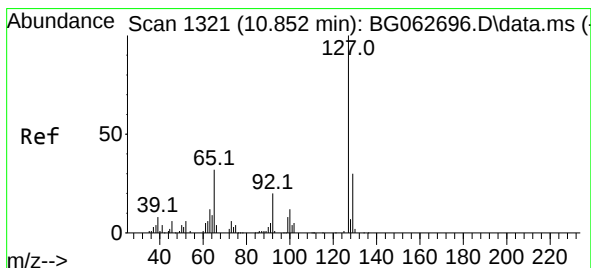
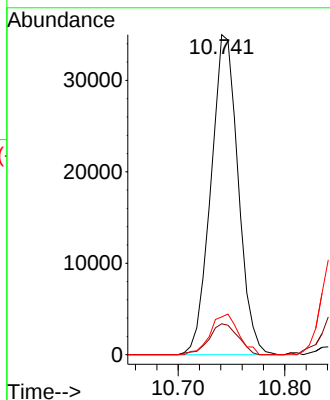
Tgt Ion:128 Resp: 6214
Ion Ratio Lower Upper
128 100
129 9.6 9.0 13.6
127 11.8 10.7 16.1

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Reviewed By :Yogesh
Patel

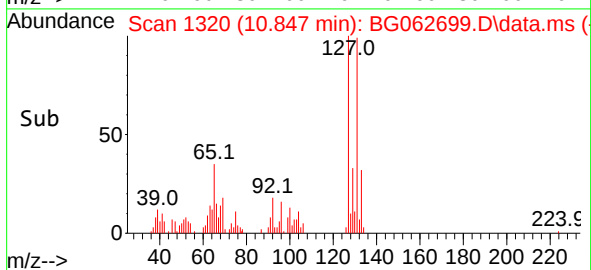
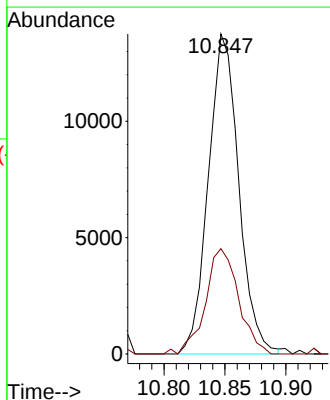
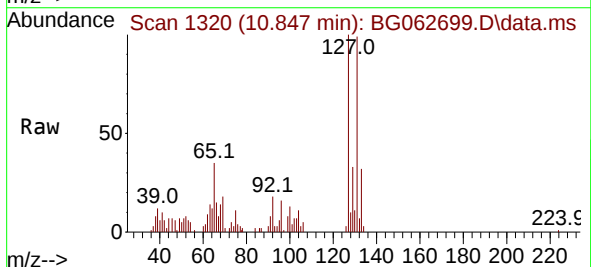
09/12/2024
Supervised By :mohammad
ahmed

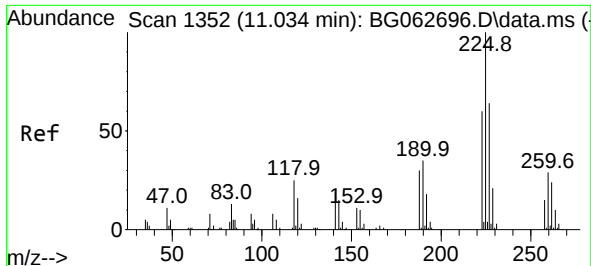
09/13/2024



#32
4-Chloroaniline
Concen: 3.831 ng/ul
RT: 10.847 min Scan# 1320
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

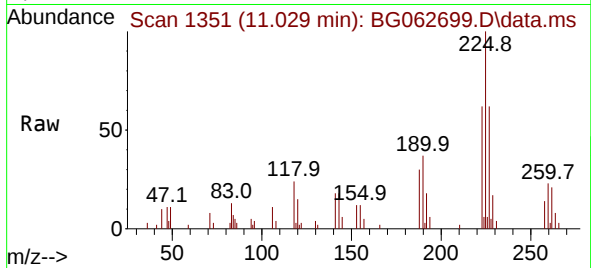
Tgt Ion:127 Resp: 23881
Ion Ratio Lower Upper
127 100
129 32.9 25.8 38.8





#33
Hexachlorobutadiene
Concen: 4.409 ng/ul
RT: 11.029 min Scan# 1451
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



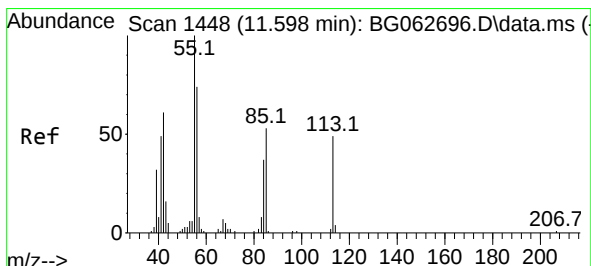
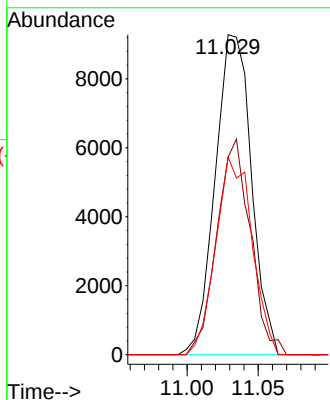
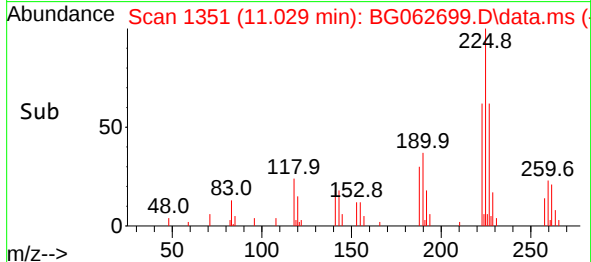
Tgt Ion:225 Resp: 1649
Ion Ratio Lower Upper
225 100
223 58.5 52.3 78.5
227 58.5 56.4 84.6

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Reviewed By :Yogesh
Patel

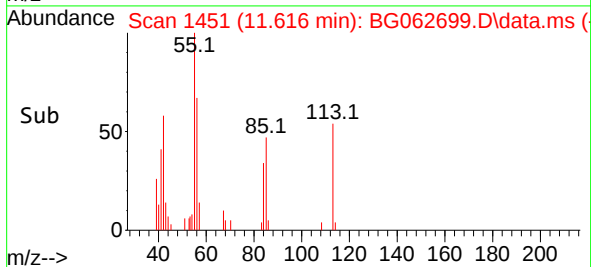
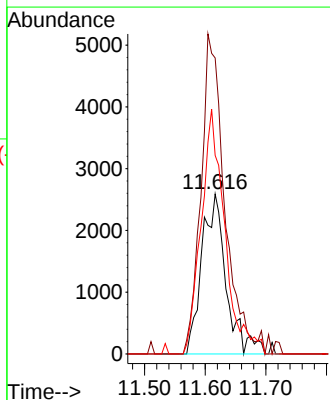
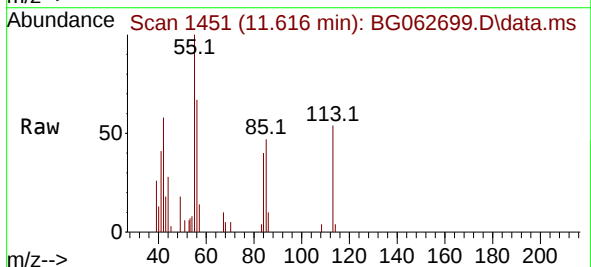
09/12/2024
Supervised By :mohammad
ahmed

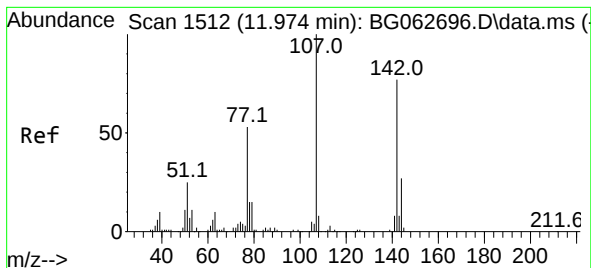
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#34
Caprolactam
Concen: 4.425 ng/ul m
RT: 11.616 min Scan# 1451
Delta R.T. 0.015 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

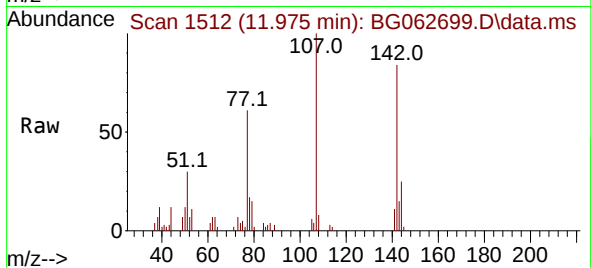
Tgt Ion:113 Resp: 7324
Ion Ratio Lower Upper
113 100
55 185.0 150.8 226.2
56 124.1 125.0 187.6#





#35
4-Chloro-3-methylphenol
Concen: 3.601 ng/ul
RT: 11.975 min Scan# 1512
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2024-05



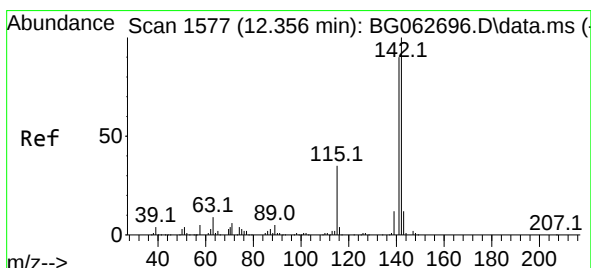
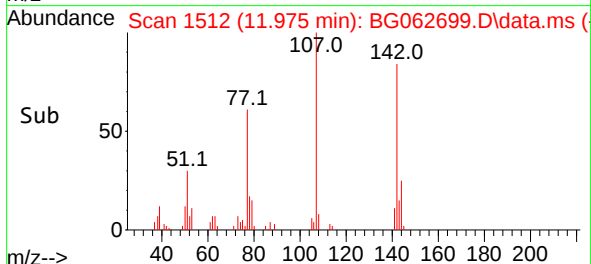
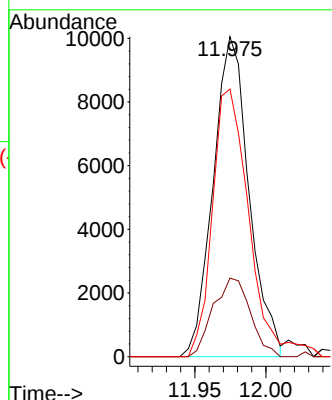
Tgt Ion:107 Resp: 17640
Ion Ratio Lower Upper
107 100
144 24.6 21.8 32.6
142 83.6 64.8 97.2

Manual Integrations
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Reviewed By :Yogesh
Patel

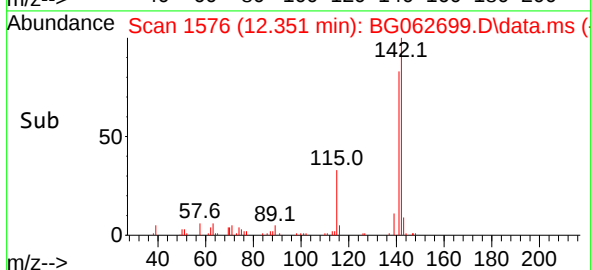
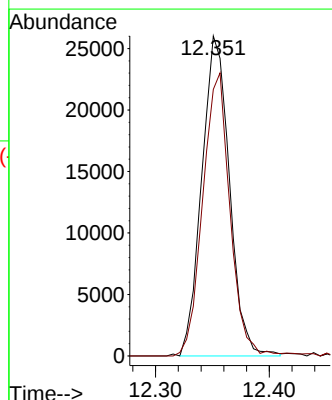
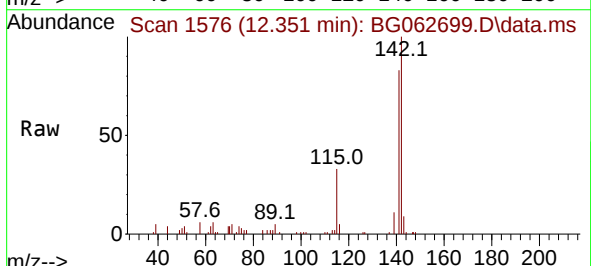
09/12/2024
Supervised By :mohammad
ahmed

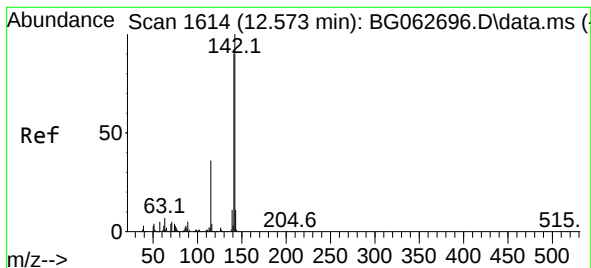
09/13/2024



#36
2-Methylnaphthalene
Concen: 4.153 ng/ul
RT: 12.351 min Scan# 1576
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Tgt Ion:142 Resp: 44023
Ion Ratio Lower Upper
142 100
141 83.3 73.4 110.2





#37

1-Methylnaphthalene

Concen: 4.330 ng/ul

RT: 12.574 min Scan# 1614

Delta R.T. -0.002 min

Lab File: BG062699.D

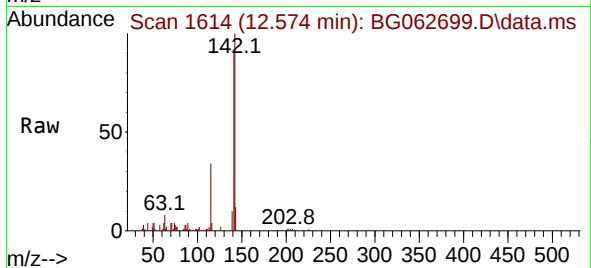
Acq: 10 Sep 2024 12:58

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2024-05



Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.1	106.7
116	3.9	3.0	4.6

Manual Integrations

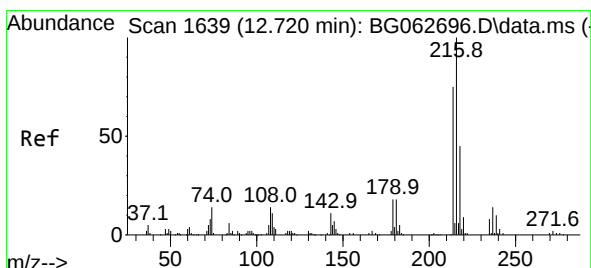
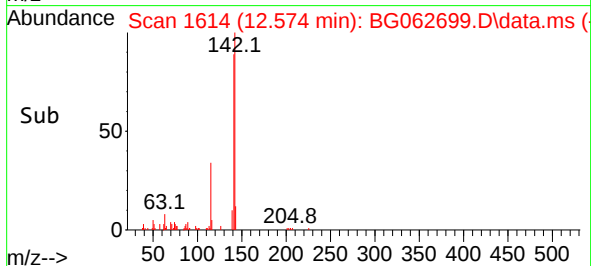
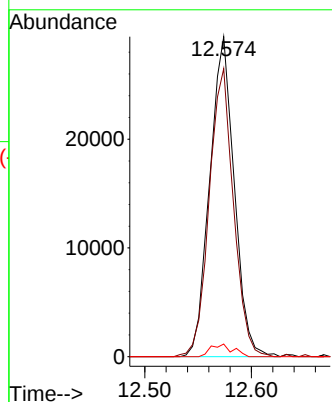
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Reviewed By :Yogesh
Patel

09/12/2024

Supervised By :mohammad
ahmed

09/13/2024



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.033 ng/ul

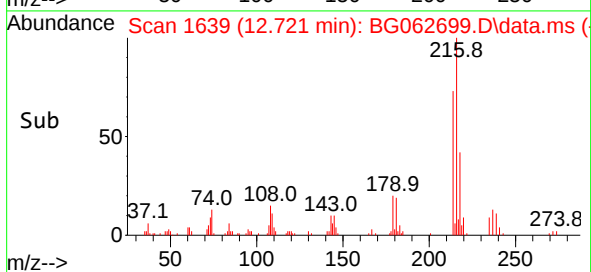
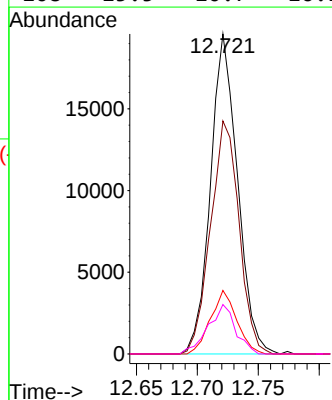
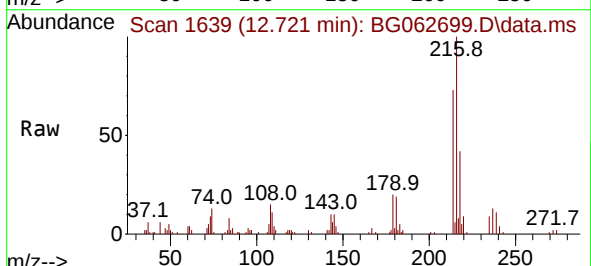
RT: 12.721 min Scan# 1639

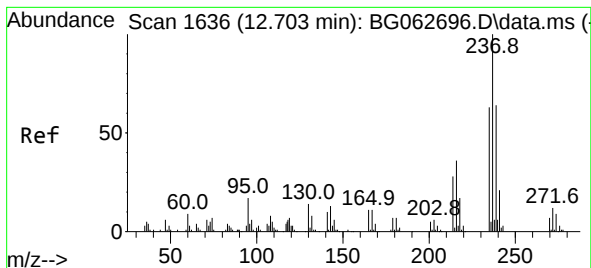
Delta R.T. -0.008 min

Lab File: BG062699.D

Acq: 10 Sep 2024 12:58

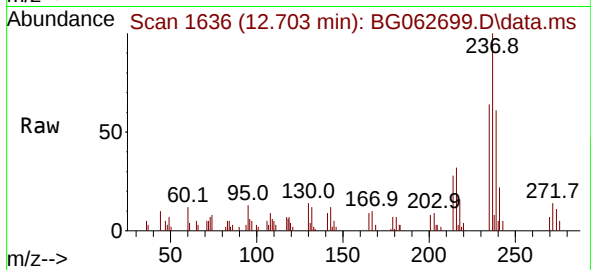
Tgt Ion	Ratio	Lower	Upper
216	100		
214	72.8	61.8	92.8
179	19.9	13.6	20.4
108	15.5	10.7	16.1





#40
Hexachlorocyclopentadiene
Concen: 4.461 ng/ul
RT: 12.703 min Scan# 1636
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



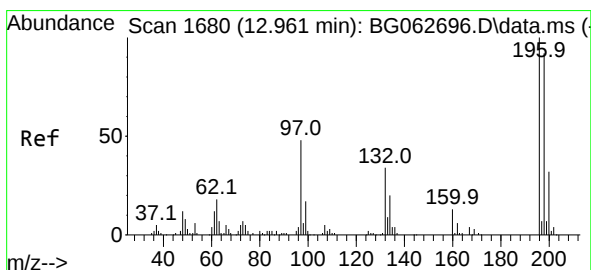
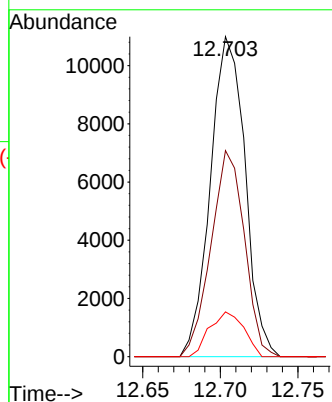
Tgt Ion:237 Resp: 1708
Ion Ratio Lower Upper
237 100
235 59.8 47.0 70.6
272 13.0 9.4 14.0

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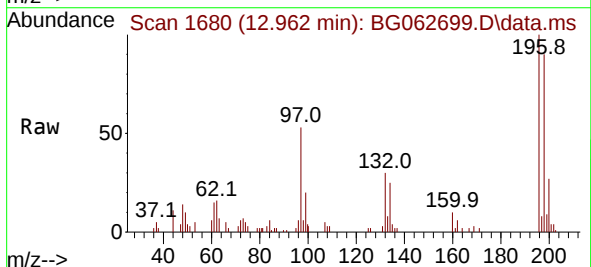
Reviewed By :Yogesh
Patel

09/12/2024
Supervised By :mohammad
ahmed

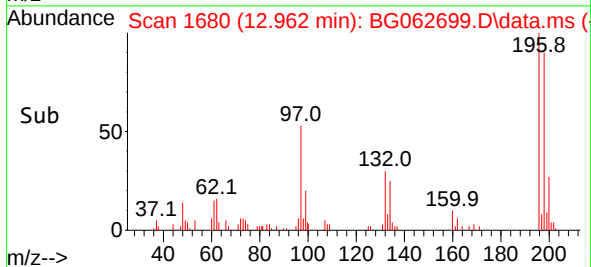
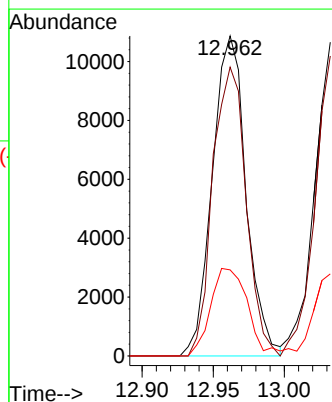
09/13/2024

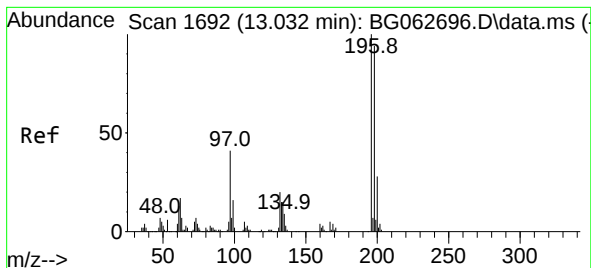


#41
2,4,6-Trichlorophenol
Concen: 3.960 ng/ul
RT: 12.962 min Scan# 1680
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58



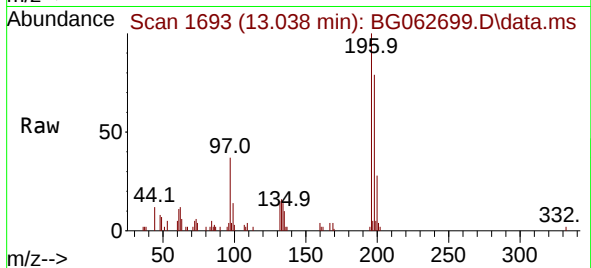
Tgt Ion:196 Resp: 17952
Ion Ratio Lower Upper
196 100
198 90.3 76.2 114.4
200 26.9 26.0 39.0





#42
2,4,5-Trichlorophenol
Concen: 3.816 ng/ul
RT: 13.038 min Scan# 1692
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



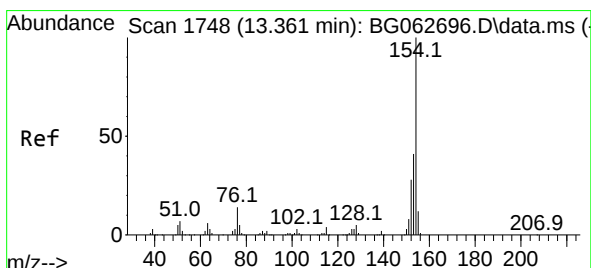
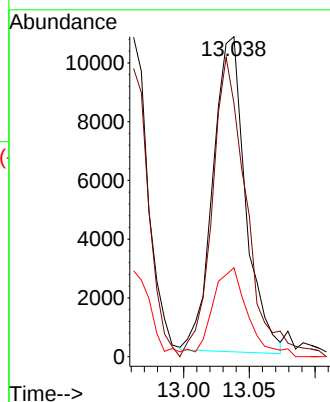
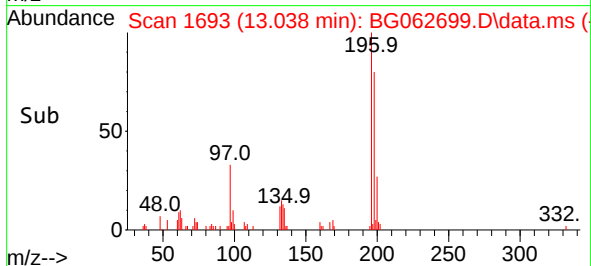
Tgt Ion:196 Resp: 18572
Ion Ratio Lower Upper
196 100
198 79.1 71.2 106.8
200 27.8 24.6 37.0

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Reviewed By :Yogesh
Patel

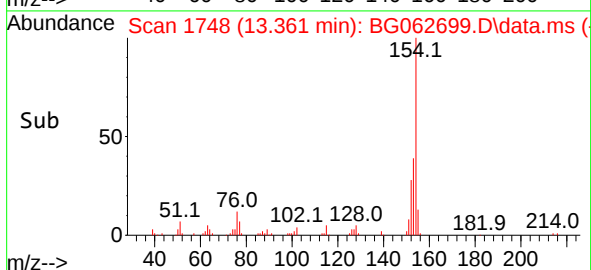
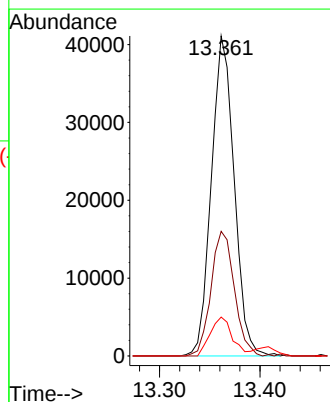
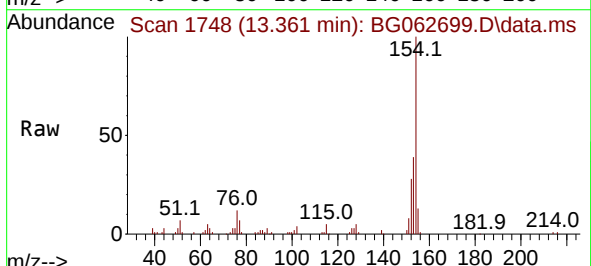
09/12/2024
Supervised By :mohammad
ahmed

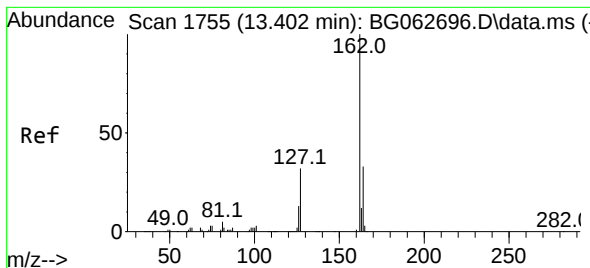
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#43
1,1'-Biphenyl
Concen: 4.237 ng/ul
RT: 13.361 min Scan# 1748
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

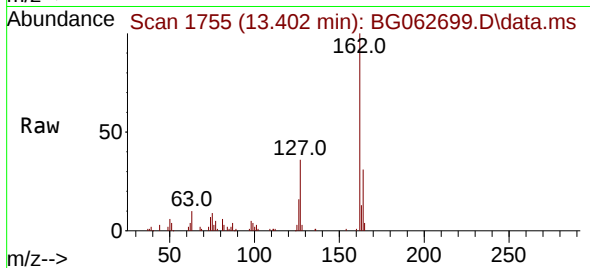
Tgt Ion:154 Resp: 64860
Ion Ratio Lower Upper
154 100
153 39.0 33.4 50.0
76 12.2 10.1 15.1





#44
2-Chloronaphthalene
Concen: 4.246 ng/ul
RT: 13.402 min Scan# 1755
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2024-05



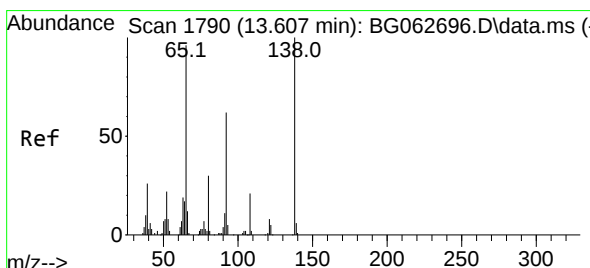
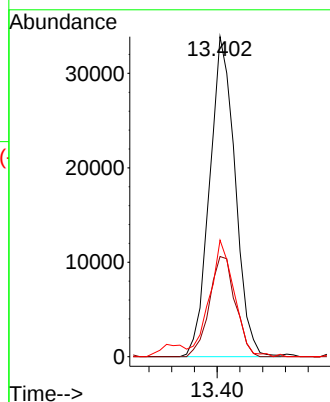
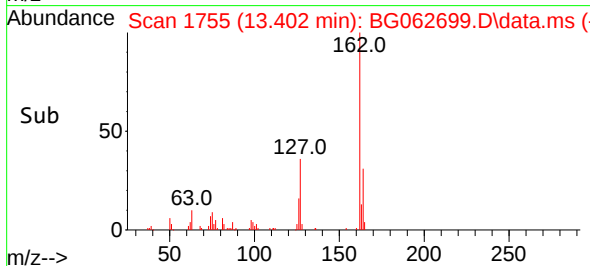
Tgt Ion:162 Resp: 5285
Ion Ratio Lower Upper
162 100
164 31.3 27.1 40.7
127 36.4 28.5 42.7

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Reviewed By :Yogesh
Patel

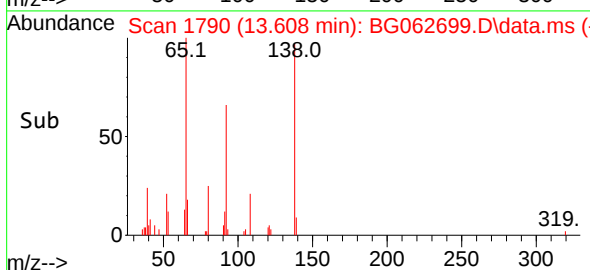
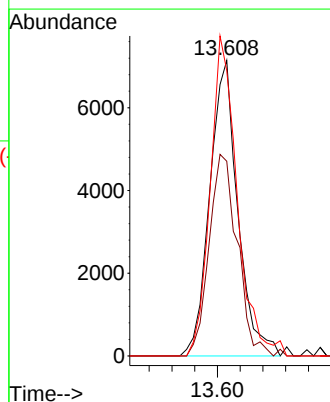
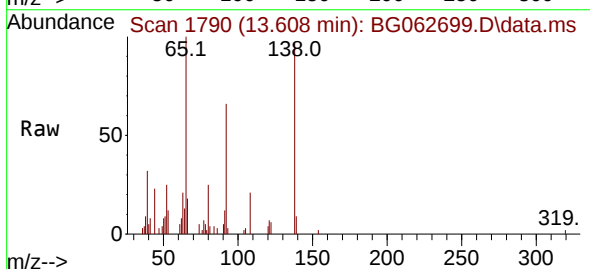
09/12/2024
Supervised By :mohammad
ahmed

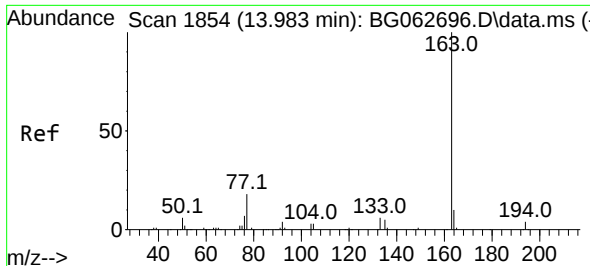
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#45
2-Nitroaniline
Concen: 3.585 ng/ul
RT: 13.608 min Scan# 1790
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

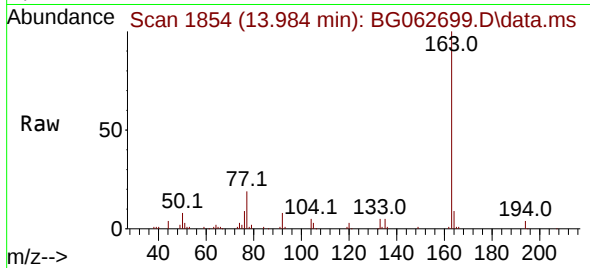
Tgt Ion: 65 Resp: 12244
Ion Ratio Lower Upper
65 100
92 65.9 55.0 82.4
138 96.5 80.0 120.0





#47
Dimethylphthalate
Concen: 4.365 ng/ul
RT: 13.984 min Scan# 1854
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



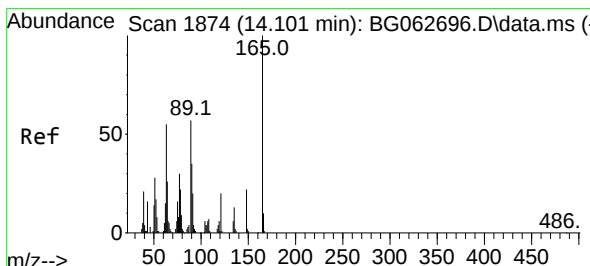
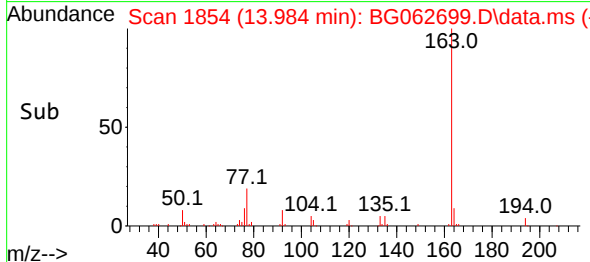
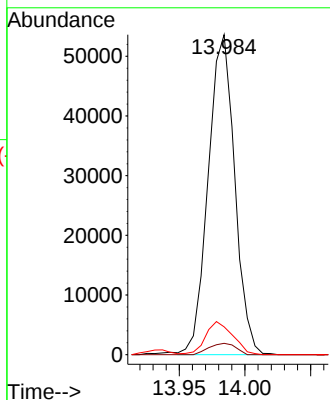
Tgt Ion:163 Resp: 7535
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 8.7 8.3 12.5

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Patel

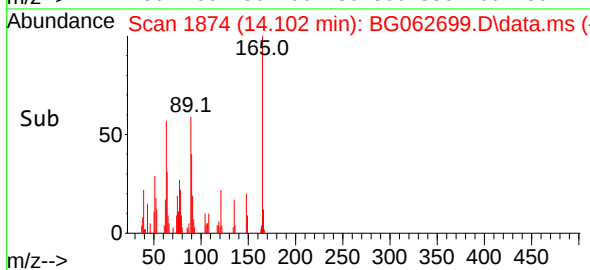
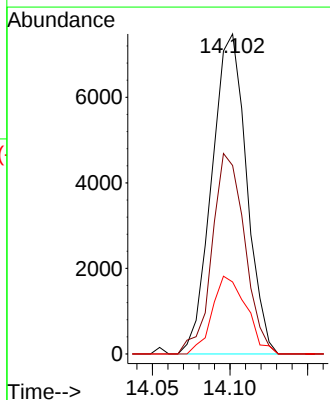
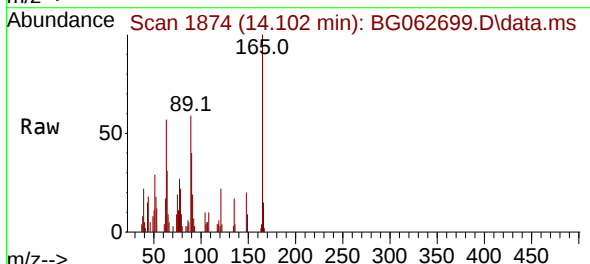
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Supervised By :mohammad
ahmed

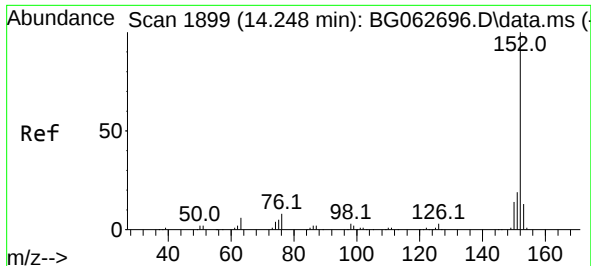
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#48
2,6-Dinitrotoluene
Concen: 3.830 ng/ul
RT: 14.102 min Scan# 1874
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

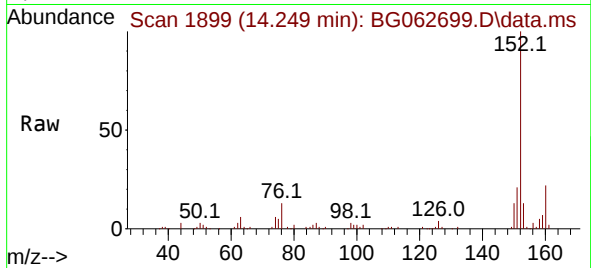
Tgt Ion:165 Resp: 11650
Ion Ratio Lower Upper
165 100
89 58.9 47.4 71.0
121 22.5 17.0 25.6





#50
Acenaphthylene
Concen: 4.461 ng/ul
RT: 14.249 min Scan# 1899
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument : BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



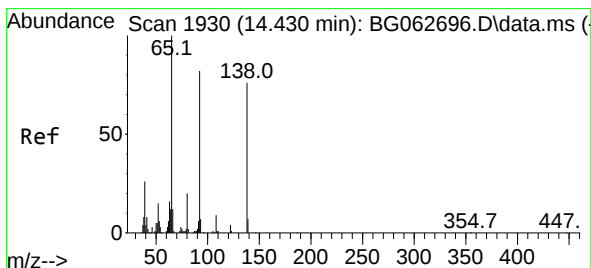
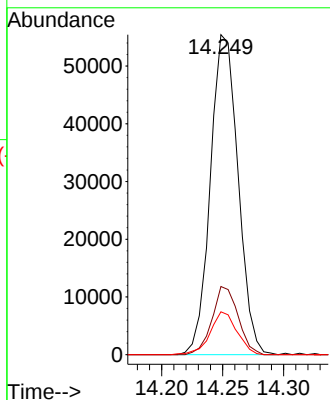
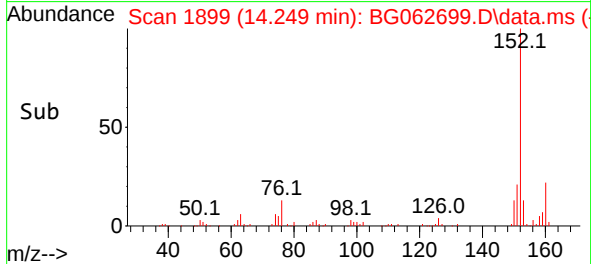
Tgt Ion:152 Resp: 8769
Ion Ratio Lower Upper
152 100
151 21.3 15.9 23.9
153 13.4 10.2 15.2

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Reviewed By :Yogesh
Patel

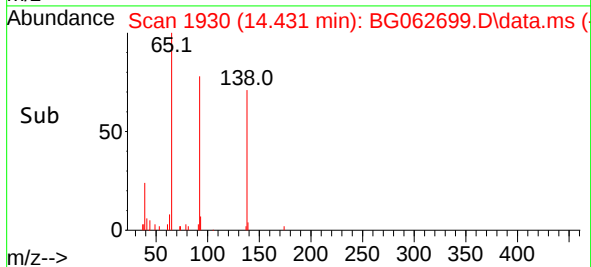
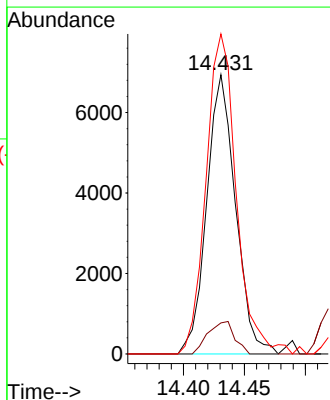
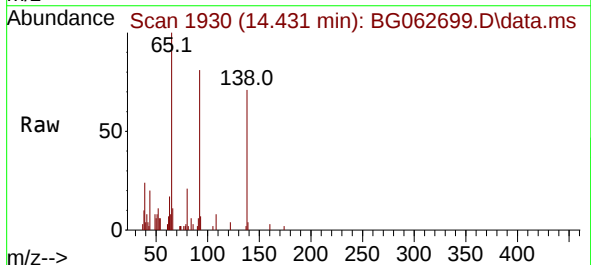
09/12/2024
Supervised By :mohammad
ahmed

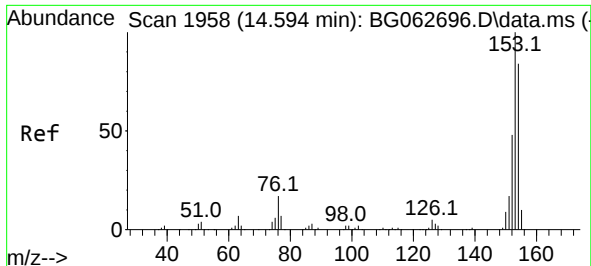
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#51
3-Nitroaniline
Concen: 3.757 ng/ul
RT: 14.431 min Scan# 1930
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

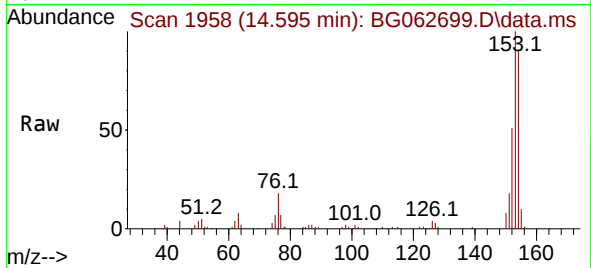
Tgt Ion:138 Resp: 11441
Ion Ratio Lower Upper
138 100
108 11.1 7.7 11.5
92 114.6 92.6 138.8





#52
Acenaphthene
Concen: 4.245 ng/ul
RT: 14.595 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2024-05



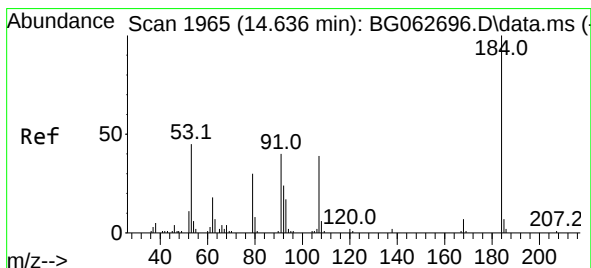
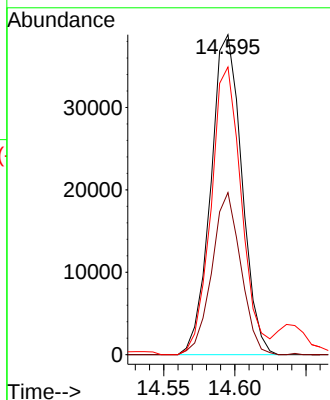
Tgt Ion:153 Resp: 5909
Ion Ratio Lower Upper
153 100
152 50.7 37.2 55.8
154 89.9 67.8 101.6

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Patel

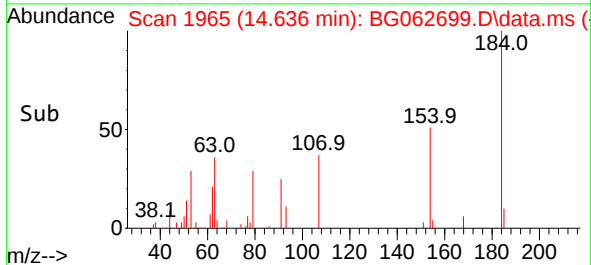
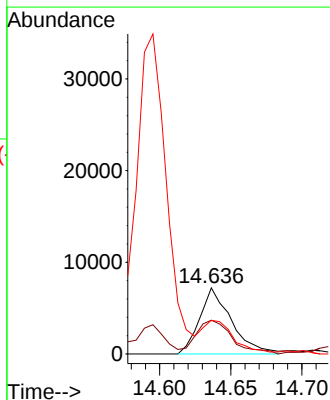
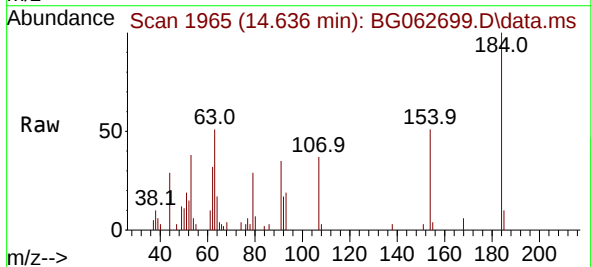
09/12/2024
Supervised By :mohammad
ahmed

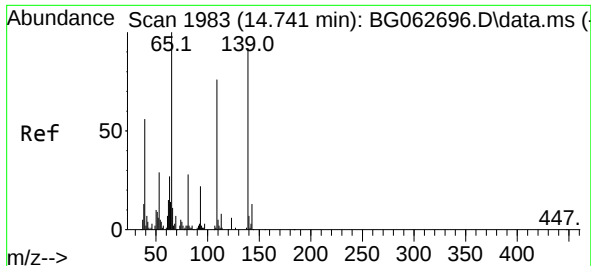
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#53
2,4-Dinitrophenol
Concen: 5.597 ng/ul
RT: 14.636 min Scan# 1965
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

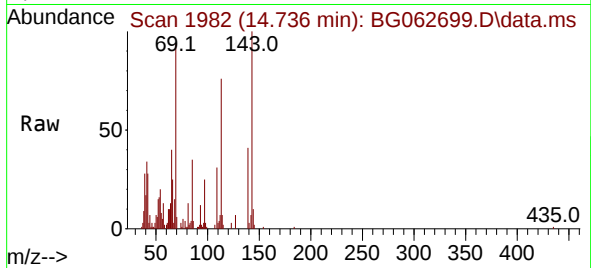
Tgt Ion:184 Resp: 11240
Ion Ratio Lower Upper
184 100
63 51.2 49.0 73.4
154 50.9 50.4 75.6





#55
4-Nitrophenol
Concen: 4.357 ng/ul
RT: 14.736 min Scan# 1983
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



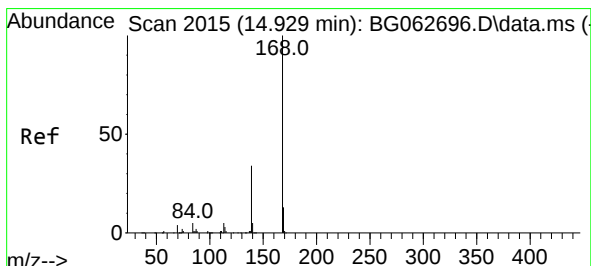
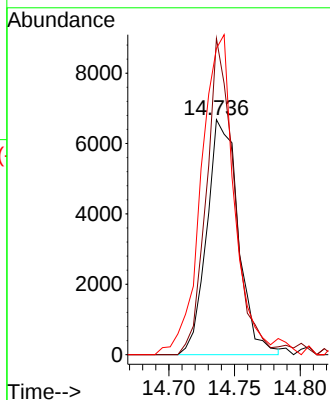
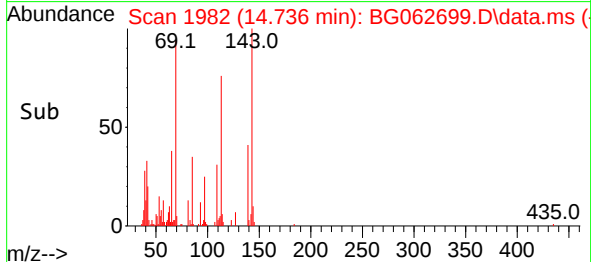
Tgt Ion:109 Resp: 1115
Ion Ratio Lower Upper
109 100
139 134.5 92.5 138.7
65 130.4 97.8 146.8

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Reviewed By :Yogesh
Patel

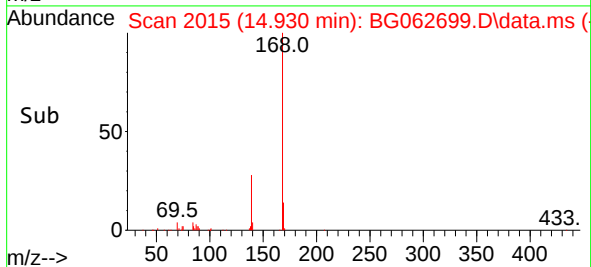
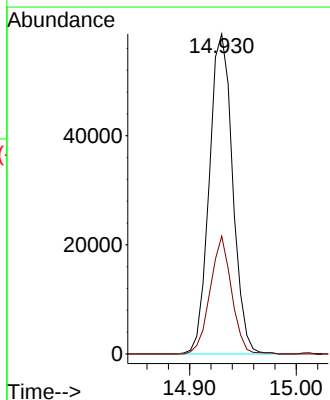
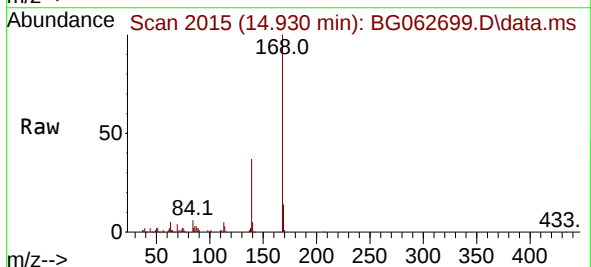
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Supervised By :mohammad
ahmed

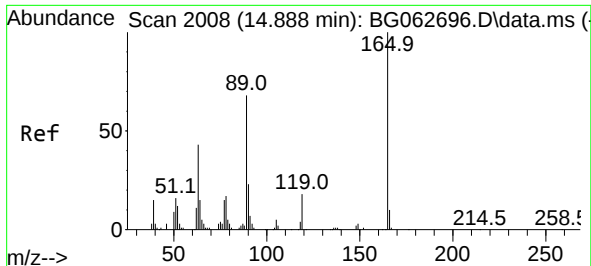
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#56
Dibenzofuran
Concen: 4.307 ng/ul
RT: 14.930 min Scan# 2015
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

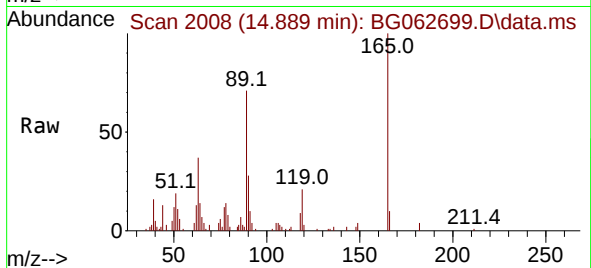
Tgt Ion:168 Resp: 89080
Ion Ratio Lower Upper
168 100
139 36.8 27.6 41.4





#57
2,4-Dinitrotoluene
Concen: 3.928 ng/ul
RT: 14.889 min Scan# 2008
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



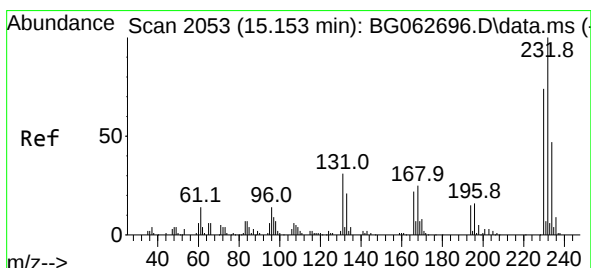
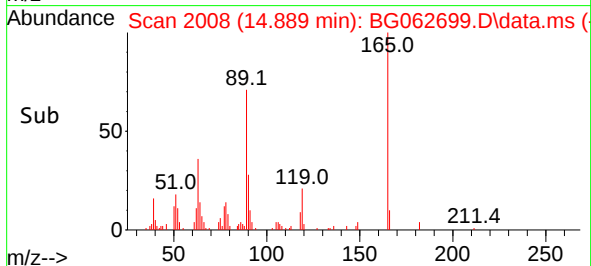
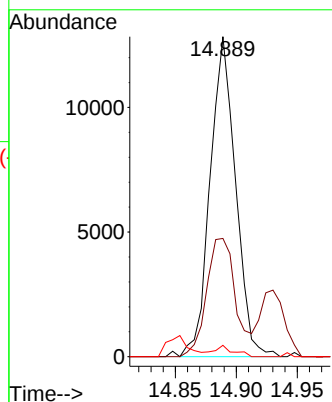
Tgt Ion:165 Resp: 1867
Ion Ratio Lower Upper
165 100
63 37.0 33.8 50.8
182 3.6 2.4 3.6

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Reviewed By :Yogesh
Patel

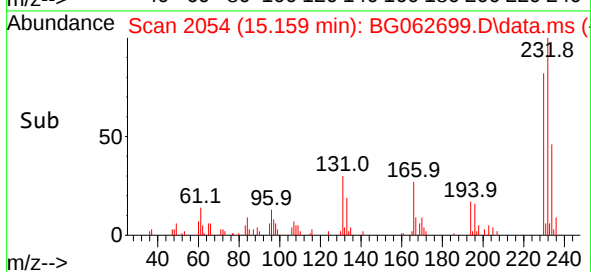
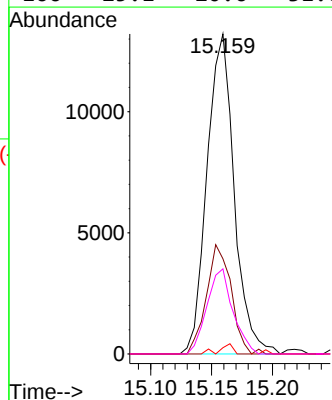
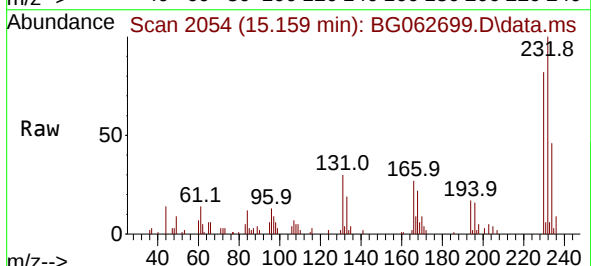
09/12/2024
Supervised By :mohammad
ahmed

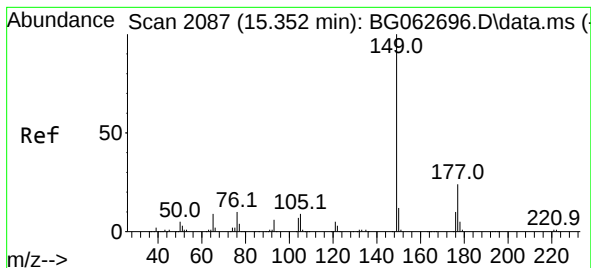
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#58
2,3,4,6-Tetrachlorophenol
Concen: 4.154 ng/ul
RT: 15.159 min Scan# 2054
Delta R.T. 0.004 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

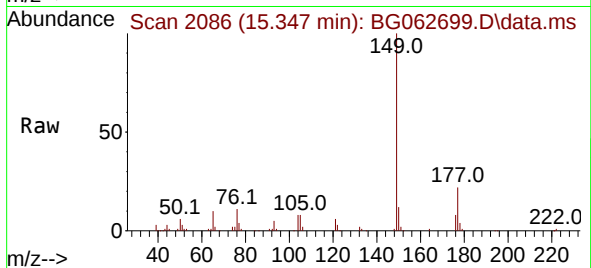
Tgt Ion:232 Resp: 20487
Ion Ratio Lower Upper
232 100
131 28.1 26.6 40.0
130 1.8 1.6 2.4
166 25.1 20.6 31.0





#59
Diethylphthalate
Concen: 4.440 ng/u1
RT: 15.347 min Scan# 2087
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



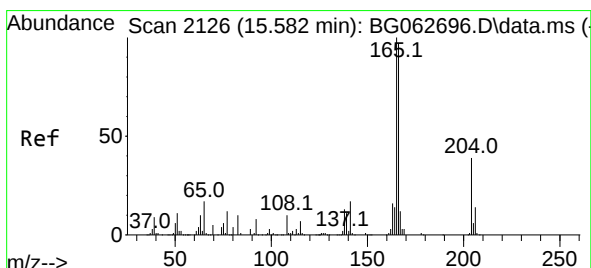
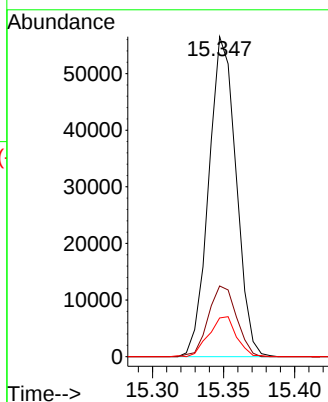
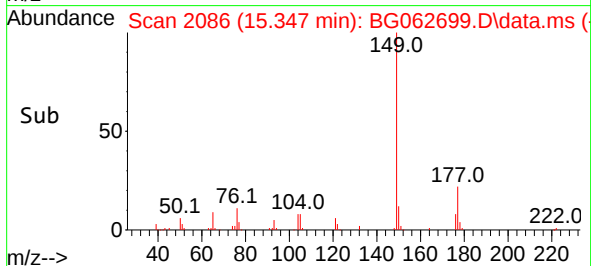
Tgt Ion:149 Resp: 7561
Ion Ratio Lower Upper
149 100
177 22.1 18.4 27.6
150 12.1 9.7 14.5

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Reviewed By :Yogesh
Patel

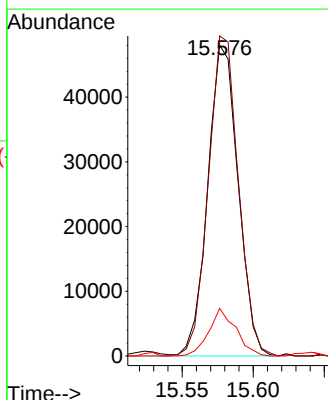
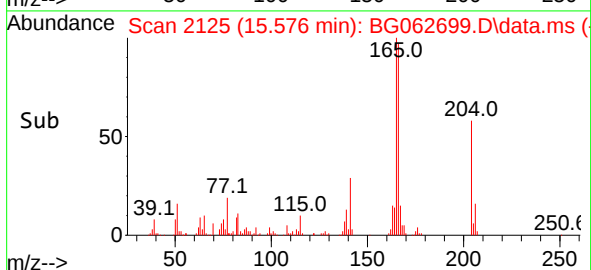
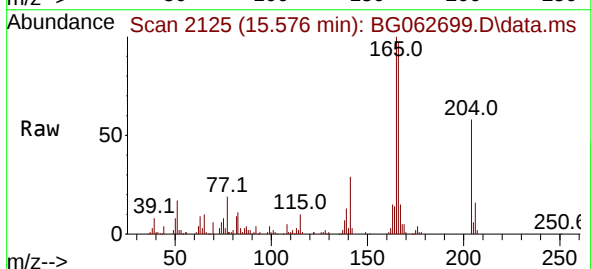
09/12/2024
Supervised By :mohammad
ahmed

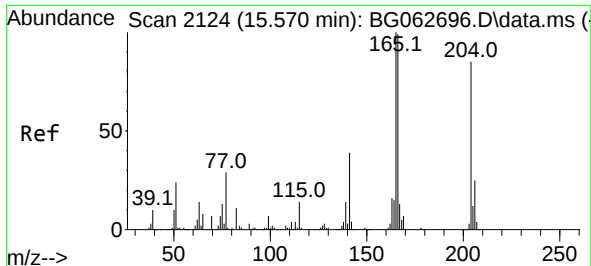
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#61
Fluorene
Concen: 4.392 ng/u1
RT: 15.576 min Scan# 2125
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

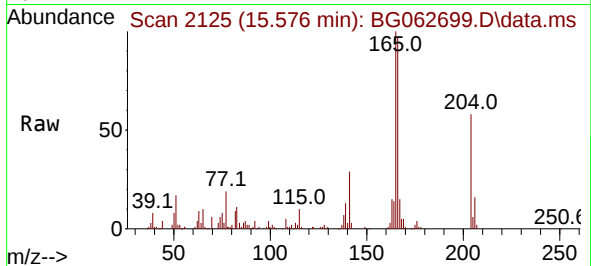
Tgt Ion:166 Resp: 71360
Ion Ratio Lower Upper
166 100
165 102.9 80.9 121.3
167 15.3 10.9 16.3





#62
4-Chlorophenyl-phenylether
Concen: 4.501 ng/ul
RT: 15.576 min Scan# 2124
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



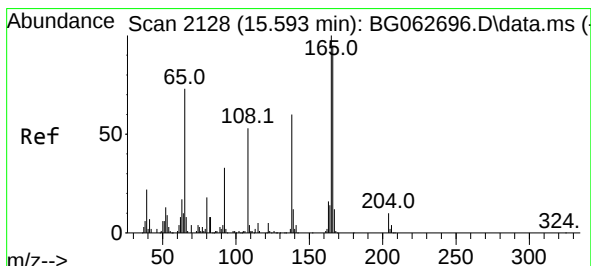
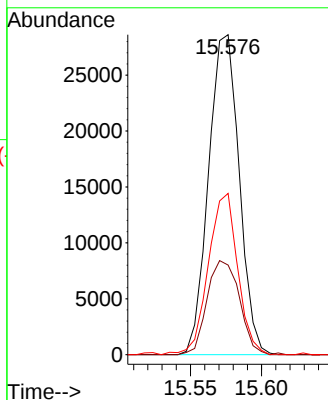
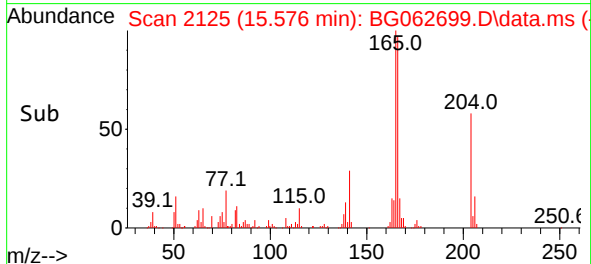
Tgt Ion:204 Resp: 42900
Ion Ratio Lower Upper
204 100
206 28.0 25.3 37.9
141 50.4 37.4 56.0

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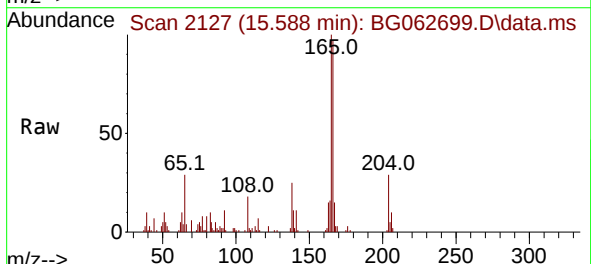
Reviewed By :Yogesh
Patel

09/12/2024
Supervised By :mohammad
ahmed

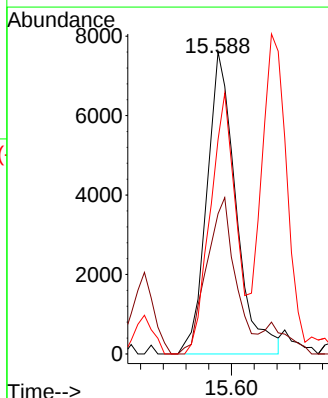
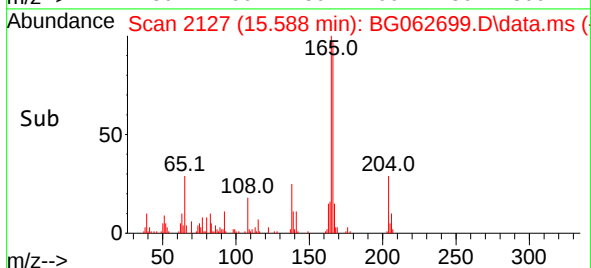
09/13/2024

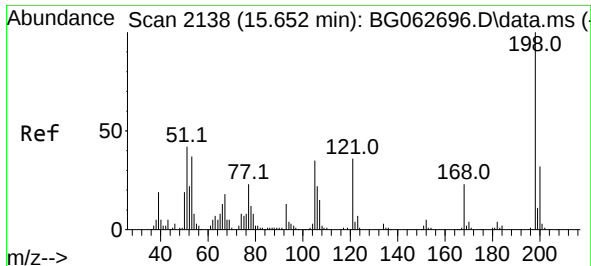


#63
4-Nitroaniline
Concen: 4.134 ng/ul
RT: 15.588 min Scan# 2127
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58



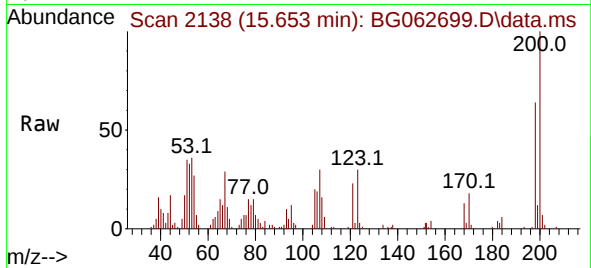
Tgt Ion:138 Resp: 13546
Ion Ratio Lower Upper
138 100
92 46.4 42.8 64.2
108 70.9 71.0 106.4#





#66
4,6-Dinitro-2-methylphenol
Concen: 4.054 ng/ul
RT: 15.653 min Scan# 2138
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



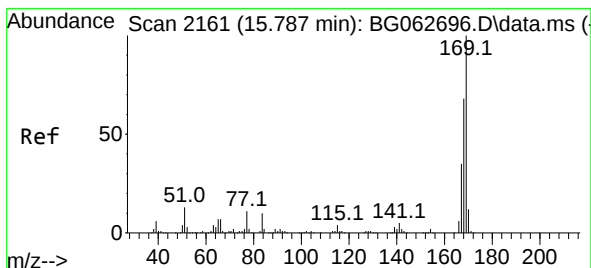
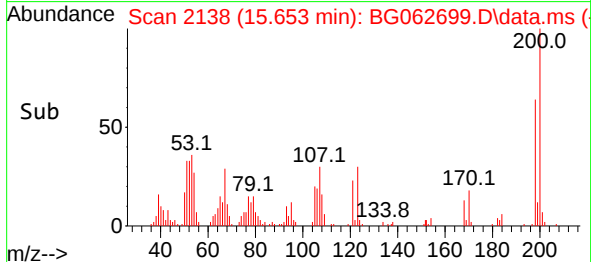
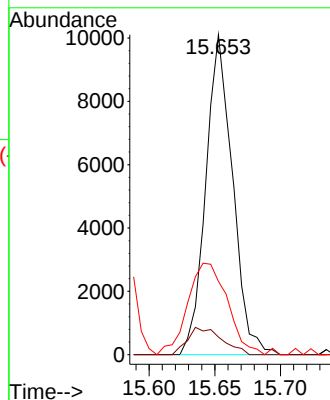
Tgt Ion:198 Resp: 1438
Ion Ratio Lower Upper
198 100
182 5.5 3.3 4.9
77 22.9 15.0 22.6

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Reviewed By :Yogesh
Patel

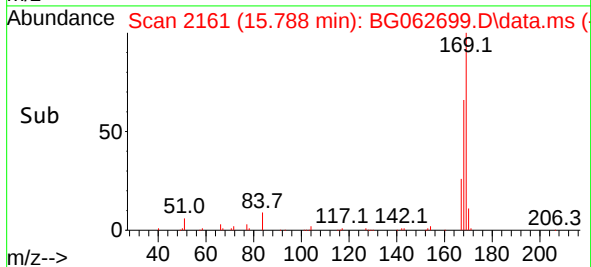
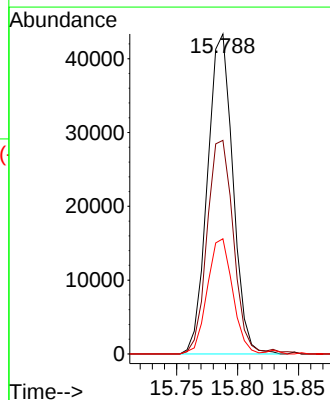
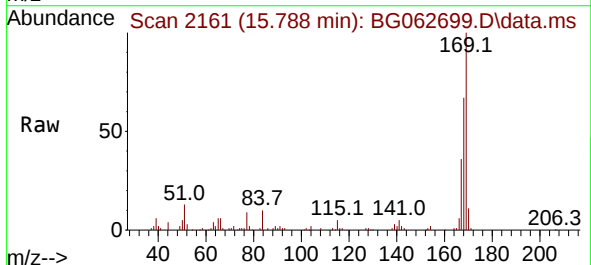
09/12/2024
Supervised By :mohammad
ahmed

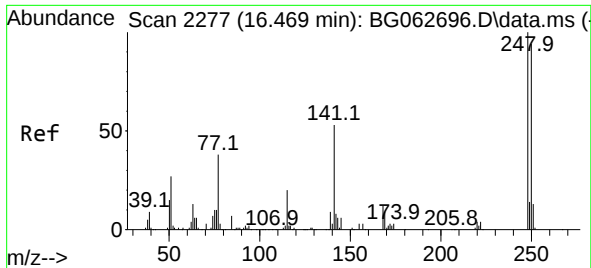
09/13/2024



#67
N-Nitrosodiphenylamine
Concen: 4.118 ng/ul
RT: 15.788 min Scan# 2161
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

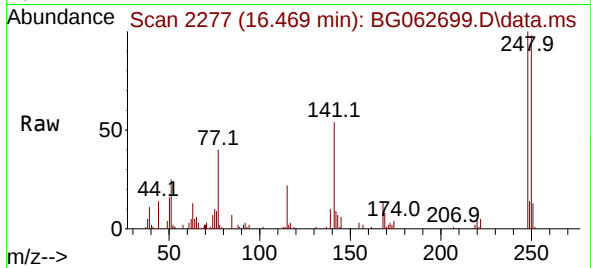
Tgt Ion:169 Resp: 62832
Ion Ratio Lower Upper
169 100
168 66.7 55.7 83.5
167 36.0 28.9 43.3





#68
4-Bromophenyl-phenylether
Concen: 4.069 ng/ul
RT: 16.469 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



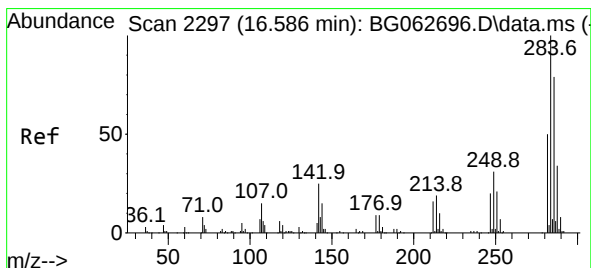
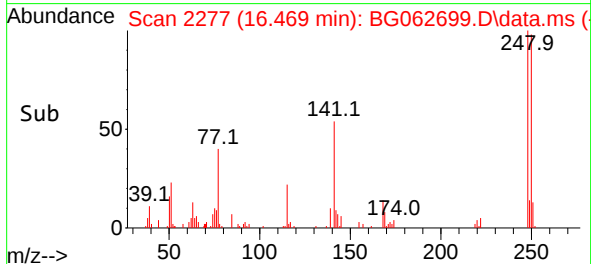
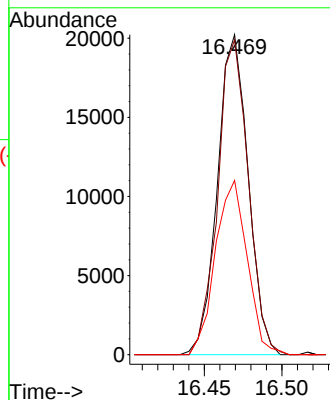
Tgt Ion:248 Resp: 27860
Ion Ratio Lower Upper
248 100
250 98.4 77.9 116.9
141 54.4 47.9 71.9

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Reviewed By :Yogesh
Patel

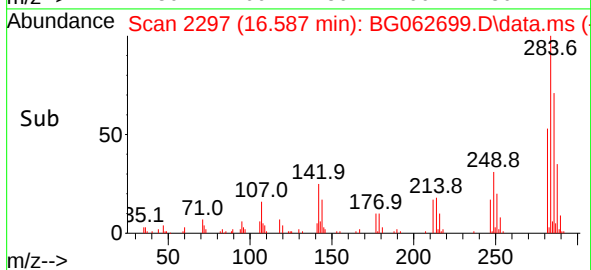
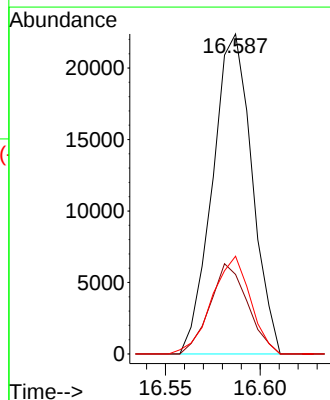
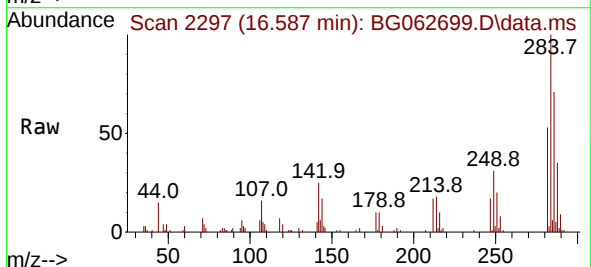
09/12/2024
Supervised By :mohammad
ahmed

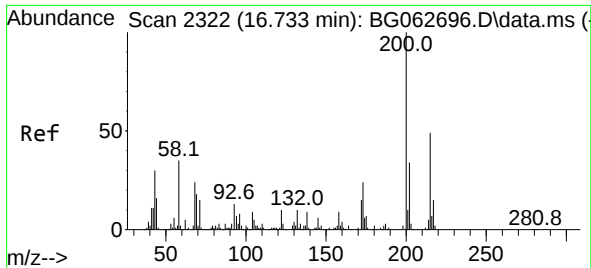
09/13/2024



#69
Hexachlorobenzene
Concen: 4.154 ng/ul
RT: 16.587 min Scan# 2297
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

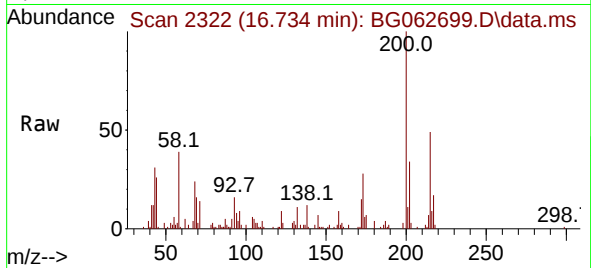
Tgt Ion:284 Resp: 32471
Ion Ratio Lower Upper
284 100
142 23.3 18.6 27.8
249 31.3 23.7 35.5





#70
Atrazine
Concen: 4.307 ng/ul
RT: 16.734 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



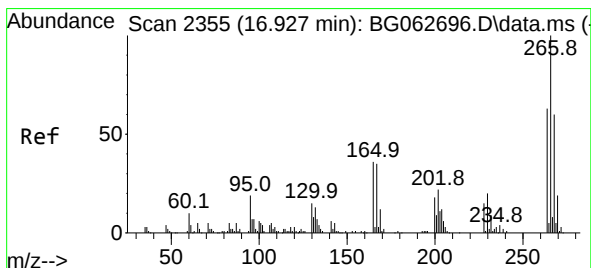
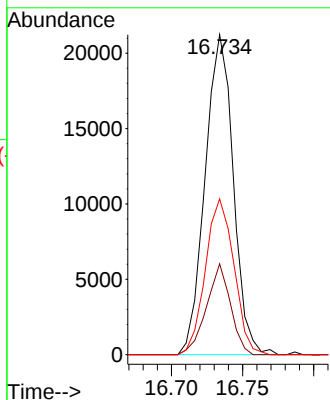
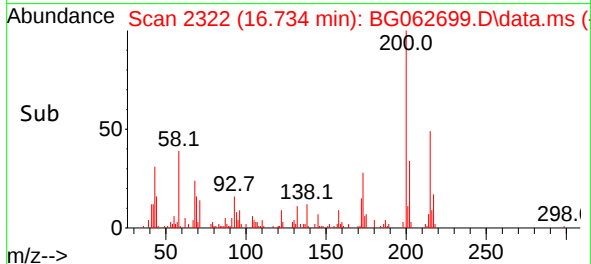
Tgt Ion:200 Resp: 29270
Ion Ratio Lower Upper
200 100
173 28.4 18.6 27.8
215 48.7 37.6 56.4

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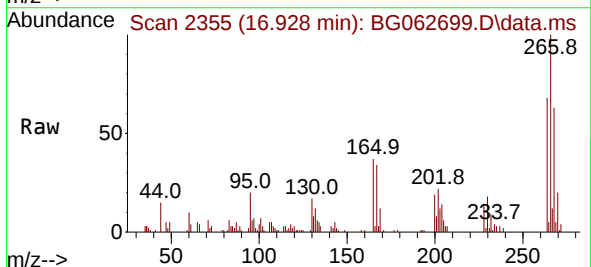
Reviewed By :Yogesh
Patel

09/12/2024
Supervised By :mohammad
ahmed

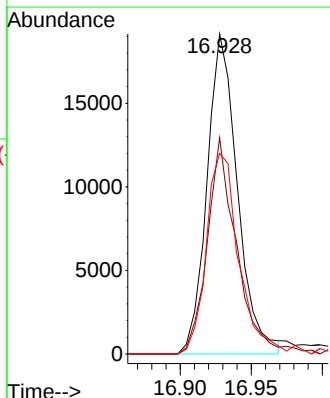
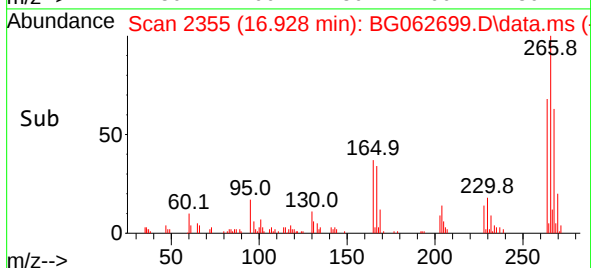
09/13/2024

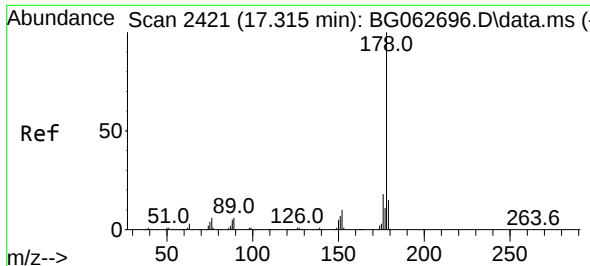


#71
Pentachlorophenol
Concen: 6.119 ng/ul
RT: 16.928 min Scan# 2355
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58



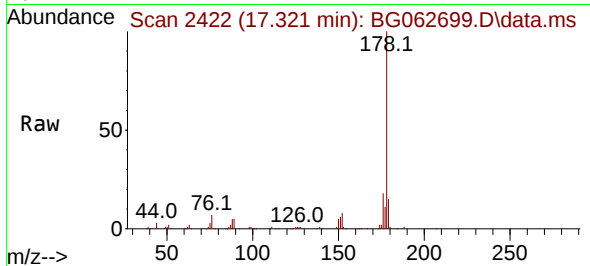
Tgt Ion:266 Resp: 28608
Ion Ratio Lower Upper
266 100
264 72.5 48.6 72.8
268 67.5 49.5 74.3





#72
Phenanthrene
Concen: 4.420 ng/ul
RT: 17.321 min Scan# 2421
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



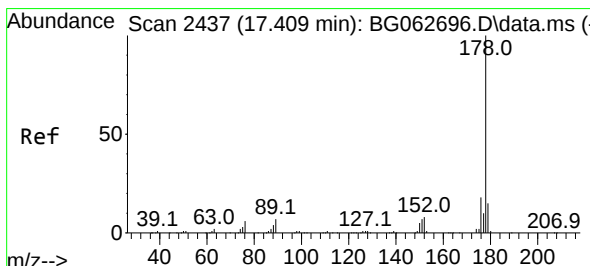
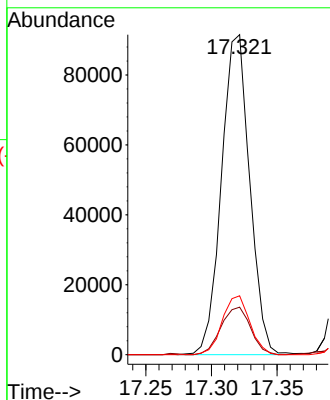
Tgt Ion:178 Resp: 136735
Ion Ratio Lower Upper
178 100
179 14.9 12.1 18.1
176 18.4 14.9 22.3

Manual Integrations
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Reviewed By :Yogesh
Patel

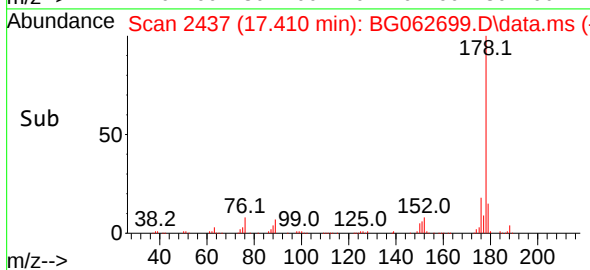
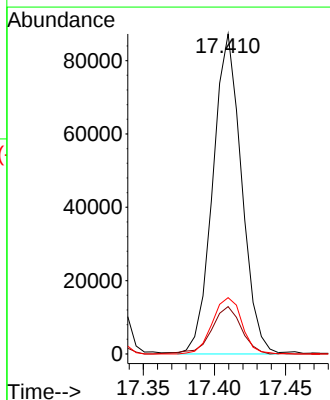
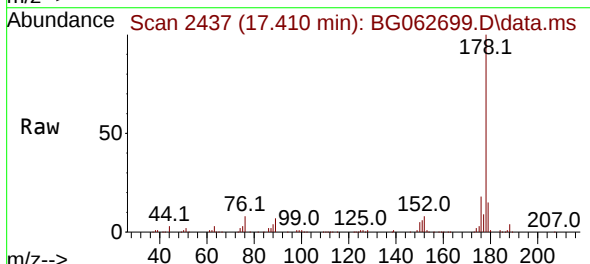
09/12/2024
Supervised By :mohammad
ahmed

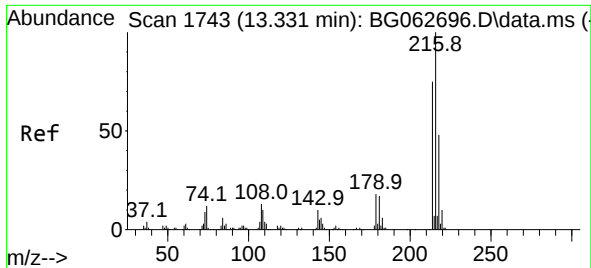
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#74
Anthracene
Concen: 3.889 ng/ul
RT: 17.410 min Scan# 2437
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

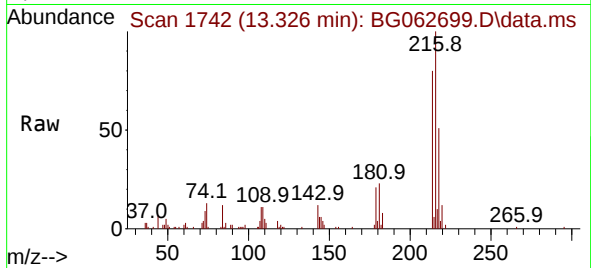
Tgt Ion:178 Resp: 122672
Ion Ratio Lower Upper
178 100
179 14.8 12.4 18.6
176 17.6 14.4 21.6





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.767 ng/ul
RT: 13.326 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



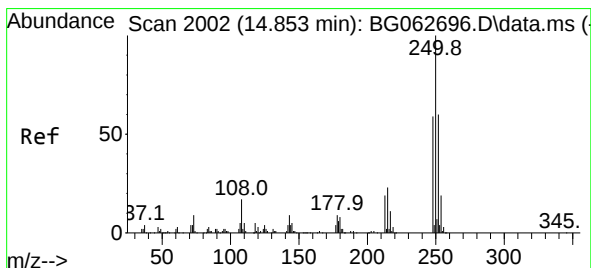
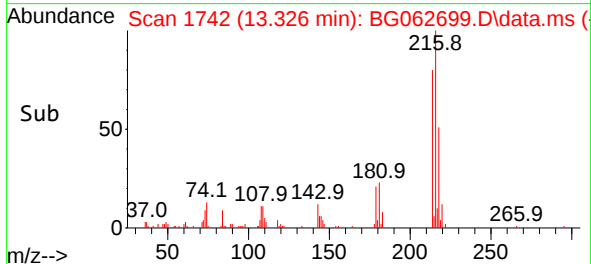
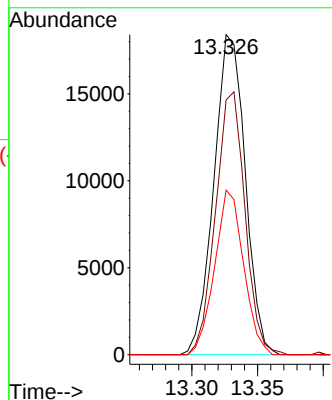
Tgt Ion:216 Resp: 3060
Ion Ratio Lower Upper
216 100
214 79.6 61.5 92.3
218 51.4 38.0 57.0

Manual Integrations
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Reviewed By :Yogesh
Patel

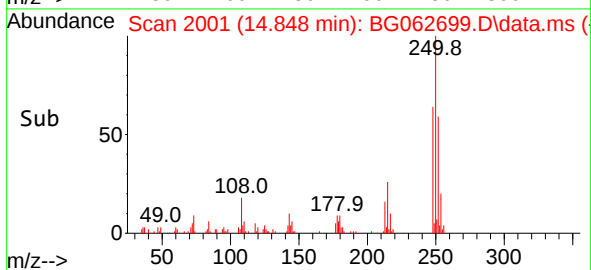
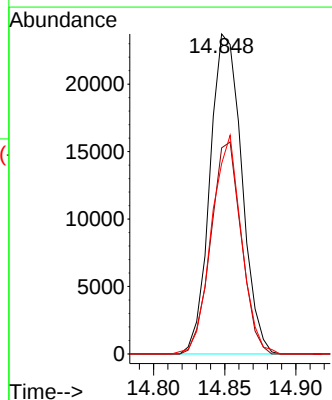
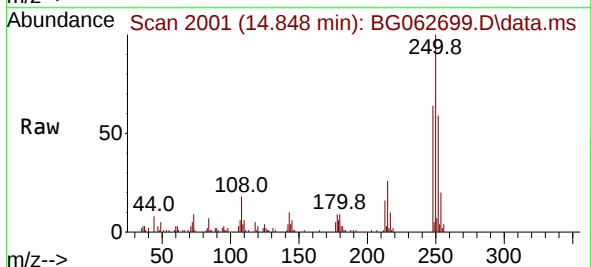
09/12/2024
Supervised By :mohammad
ahmed

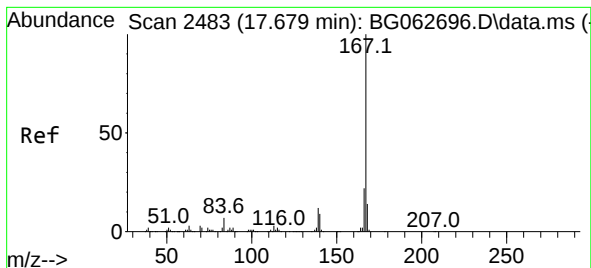
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#76
Pentachlorobenzene
Concen: 4.094 ng/ul
RT: 14.848 min Scan# 2001
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Tgt Ion:250 Resp: 36856
Ion Ratio Lower Upper
250 100
248 60.2 51.5 77.3
252 55.6 50.8 76.2





#77

Carbazole

Concen: 4.242 ng/ul

RT: 17.680 min Scan# 2483

Delta R.T. -0.002 min

Lab File: BG062699.D

Acq: 10 Sep 2024 12:58

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2024-05

Tgt Ion:167	Resp: 11094
Ion Ratio	Lower Upper
167 100	
166 21.7	17.2 25.8
139 11.3	9.0 13.6

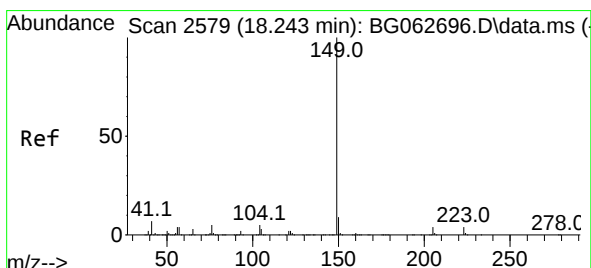
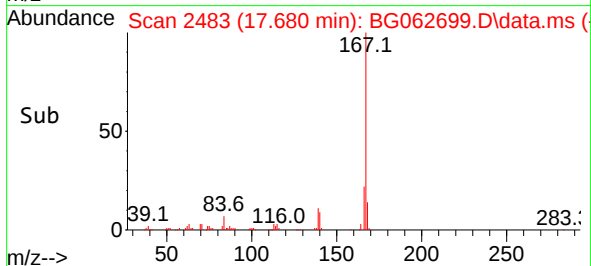
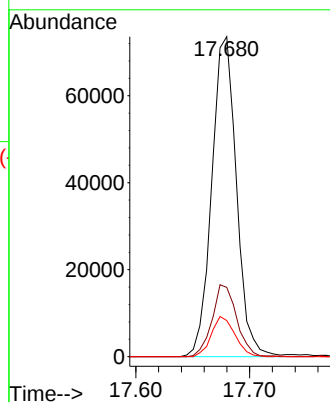
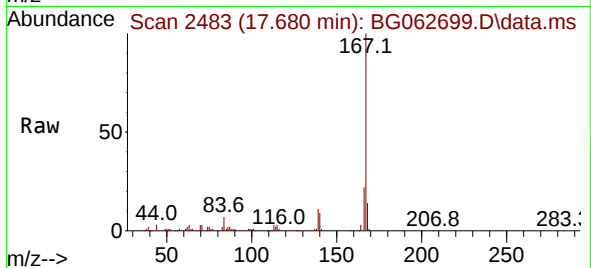
Manual Integrations
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Reviewed By :Yogesh
Patel

09/12/2024

Supervised By :mohammad
ahmed

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#78

Di-n-butylphthalate

Concen: 4.226 ng/ul

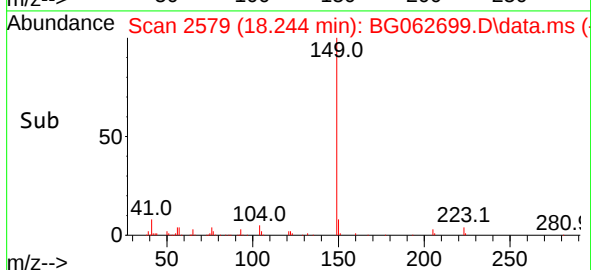
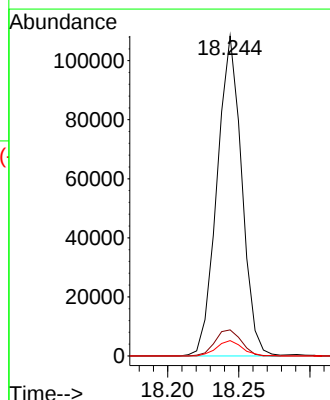
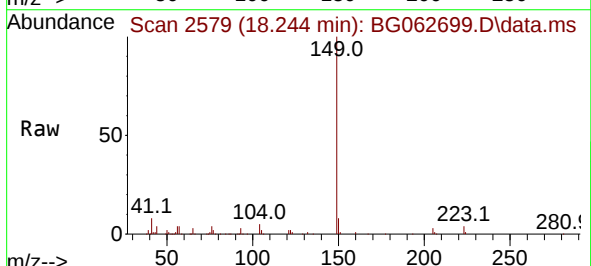
RT: 18.244 min Scan# 2579

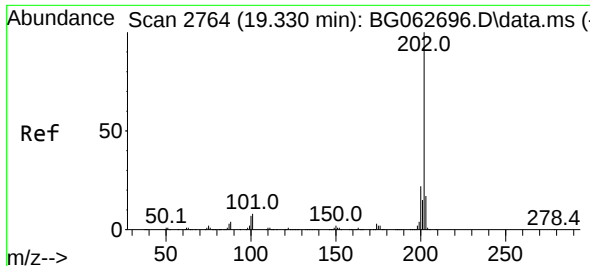
Delta R.T. -0.002 min

Lab File: BG062699.D

Acq: 10 Sep 2024 12:58

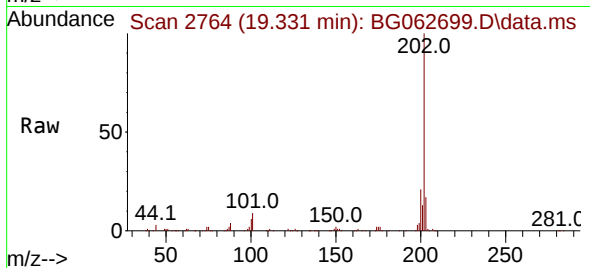
Tgt Ion:149	Resp: 130709
Ion Ratio	Lower Upper
149 100	
150 8.1	7.0 10.6
104 4.8	4.1 6.1





#80
Fluoranthene
Concen: 4.208 ng/u1
RT: 19.331 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



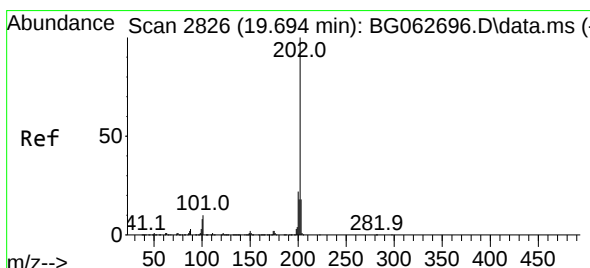
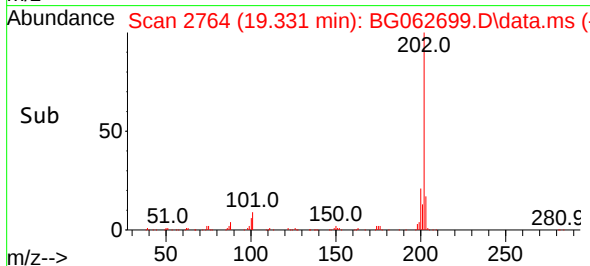
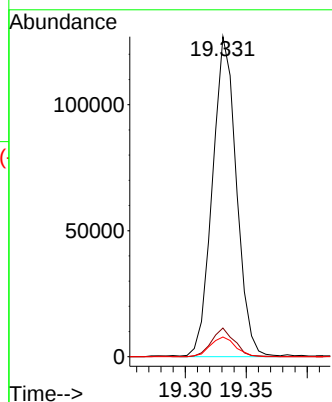
Tgt Ion:202 Resp: 17429
Ion Ratio Lower Upper
202 100
101 8.9 6.6 10.0
100 6.1 5.3 7.9

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

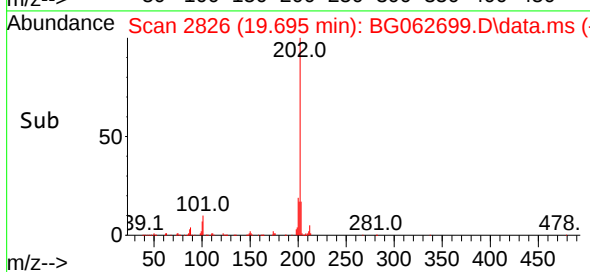
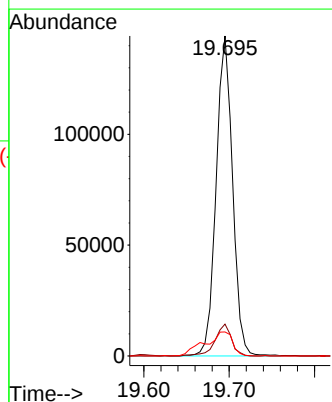
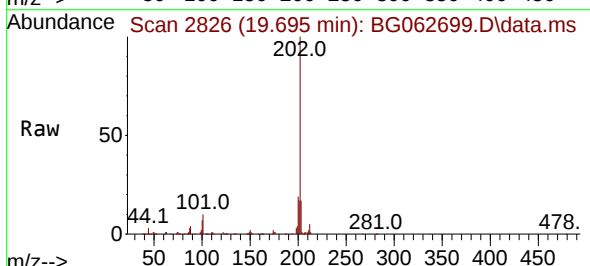
09/12/2024
Supervised By :mohammad
ahmed

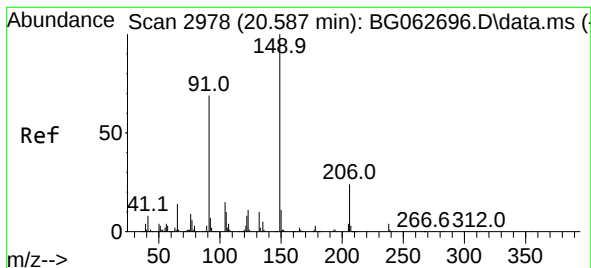
09/13/2024



#82
Pyrene
Concen: 4.330 ng/u1
RT: 19.695 min Scan# 2826
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Tgt Ion:202 Resp: 193075
Ion Ratio Lower Upper
202 100
101 9.9 7.7 11.5
100 7.5 6.5 9.7





#83

Butylbenzylphthalate

Concen: 3.898 ng/ul

RT: 20.588 min Scan# 2978

Delta R.T. -0.002 min

Lab File: BG062699.D

Acq: 10 Sep 2024 12:58

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2024-05

Tgt Ion:149	Resp:	5159
Ion Ratio	Lower	Upper
149	100	
91	66.1	57.3 85.9
206	24.0	20.4 30.6

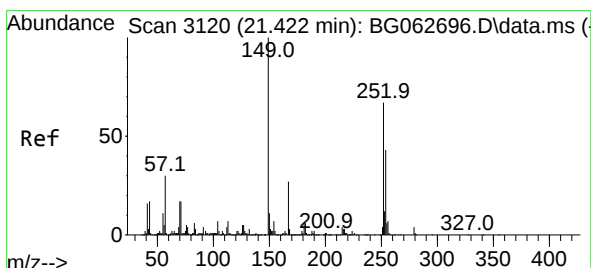
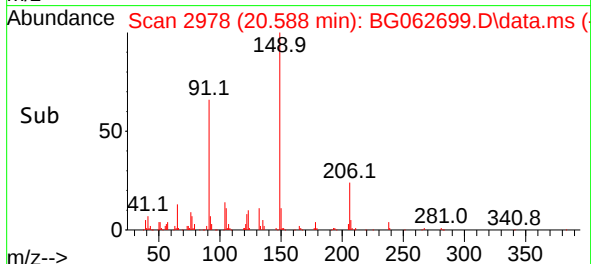
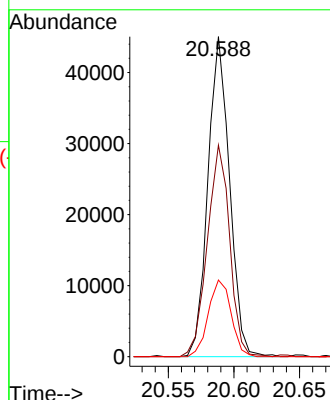
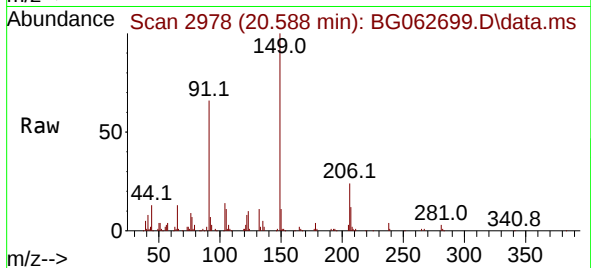
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

09/12/2024

Supervised By :mohammad
ahmed

09/13/2024



#84

3,3'-Dichlorobenzidine

Concen: 4.357 ng/ul

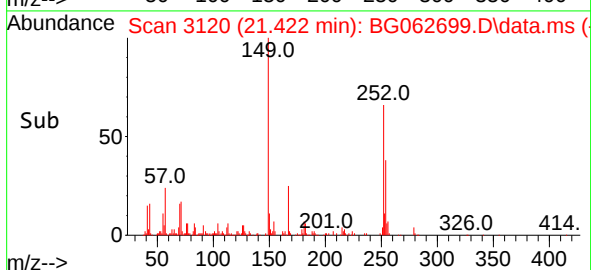
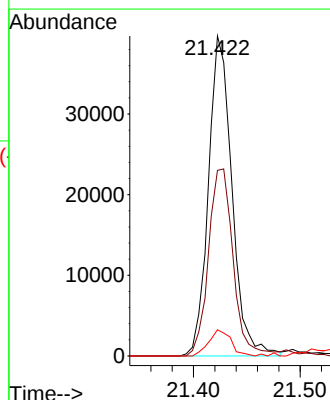
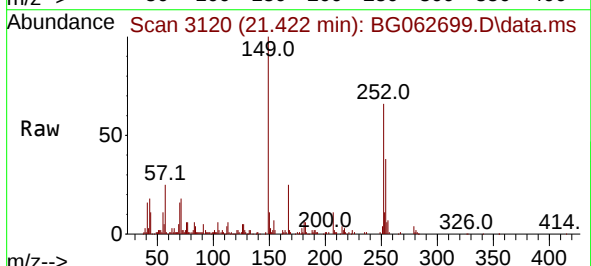
RT: 21.422 min Scan# 3120

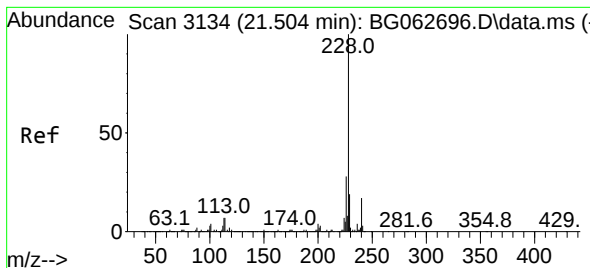
Delta R.T. -0.002 min

Lab File: BG062699.D

Acq: 10 Sep 2024 12:58

Tgt Ion:252	Resp:	60962
Ion Ratio	Lower	Upper
252	100	
254	58.0	51.8 77.6
126	8.2	6.0 9.0





#85

Benzo(a)anthracene

Concen: 4.152 ng/ul

RT: 21.505 min Scan# 3134

Delta R.T. -0.002 min

Lab File: BG062699.D

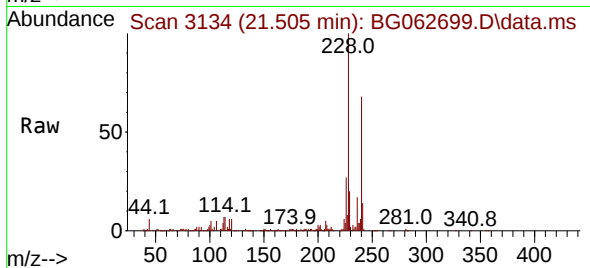
Acq: 10 Sep 2024 12:58

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2024-05



Tgt Ion:228 Resp: 19190

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.8
226	27.2	21.6	32.4

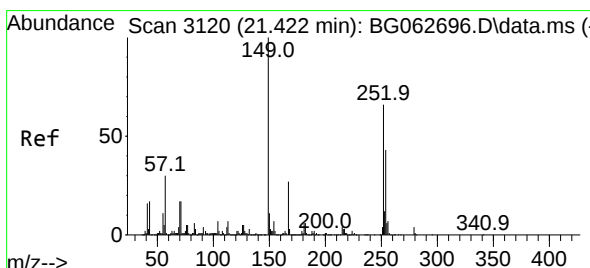
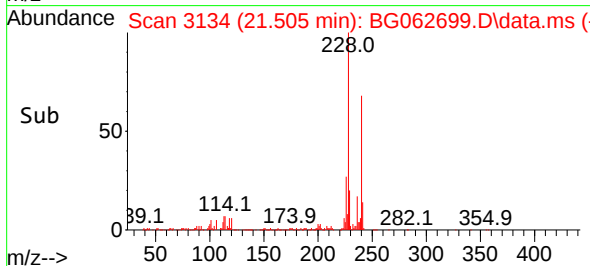
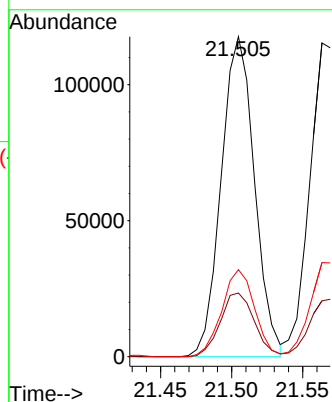
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

09/12/2024

Supervised By :mohammad
ahmed

09/13/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.007 ng/ul

RT: 21.422 min Scan# 3120

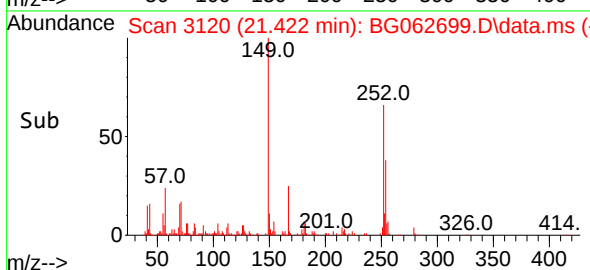
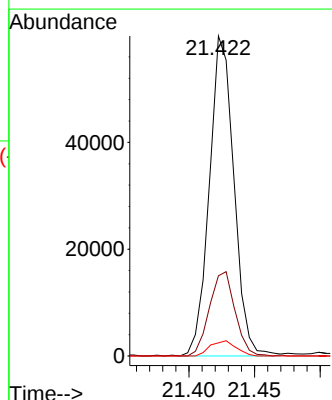
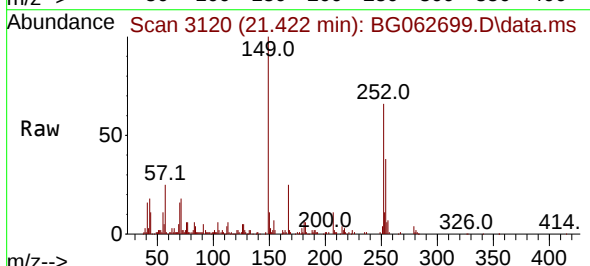
Delta R.T. -0.002 min

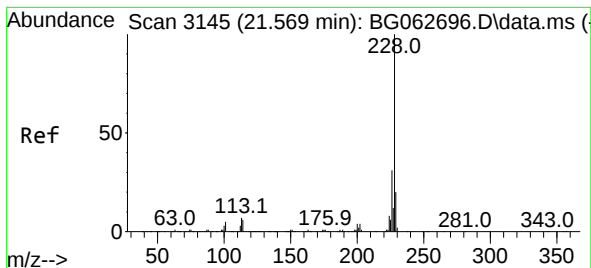
Lab File: BG062699.D

Acq: 10 Sep 2024 12:58

Tgt Ion:149 Resp: 78101

Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.3	31.9
279	4.1	3.8	5.6





#87

Chrysene

Concen: 4.291 ng/ul

RT: 21.563 min Scan# 3145

Delta R.T. -0.008 min

Lab File: BG062699.D

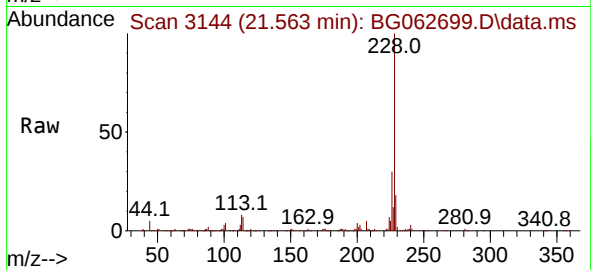
Acq: 10 Sep 2024 12:58

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2024-05



Tgt Ion:228 Resp: 18819

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 17.8 15.4 23.0

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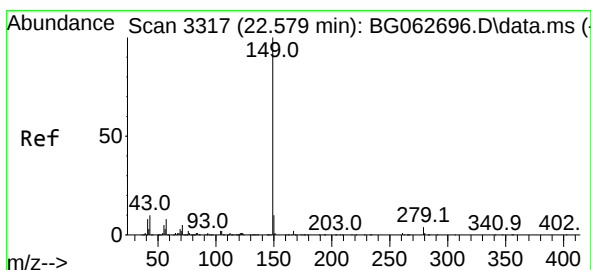
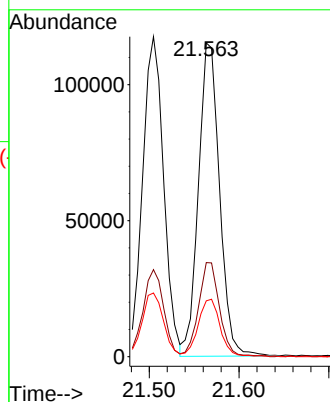
Reviewed By :Yogesh

Patel

09/12/2024

Supervised By :mohammad
ahmed

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#89

Di-n-octyl phthalate

Concen: 4.086 ng/ul

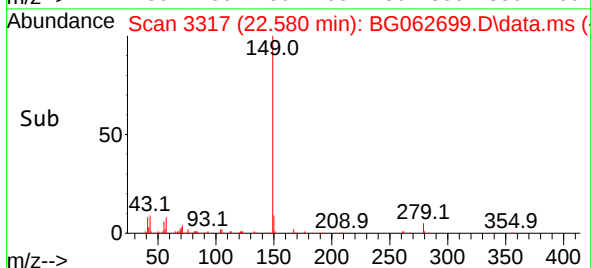
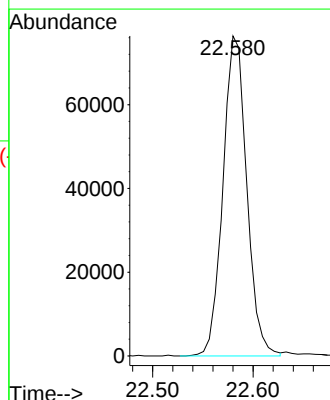
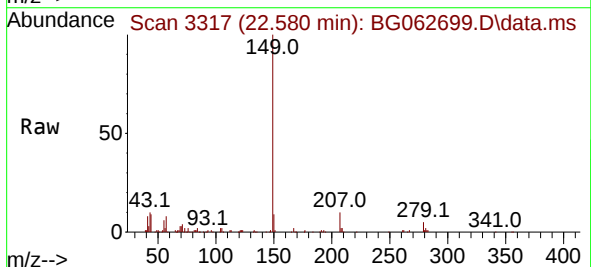
RT: 22.580 min Scan# 3317

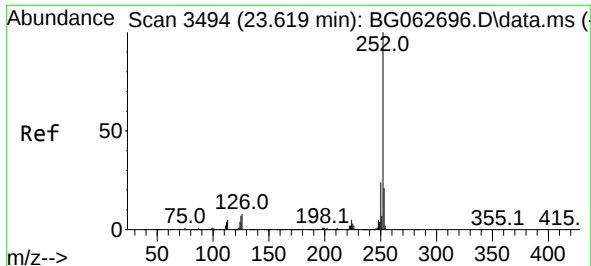
Delta R.T. -0.002 min

Lab File: BG062699.D

Acq: 10 Sep 2024 12:58

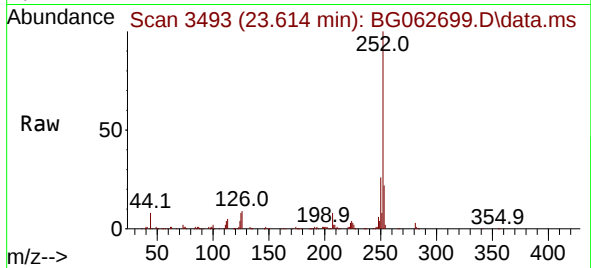
Tgt Ion:149 Resp: 125774





#90
Benzo(b)fluoranthene
Concen: 4.235 ng/ul m
RT: 23.614 min Scan# 3493
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



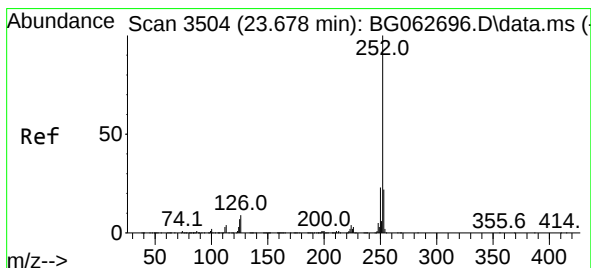
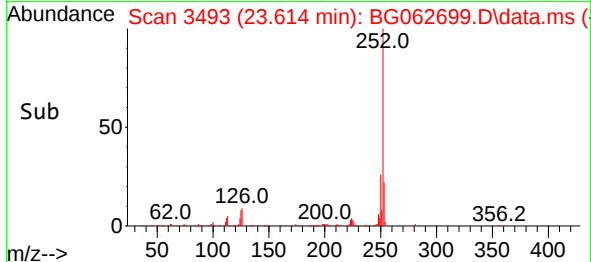
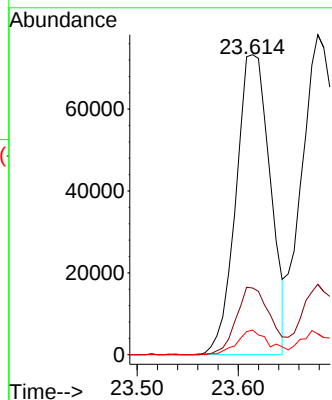
Tgt Ion:252 Resp: 17305
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 8.2 5.4 8.0

Manual Integrations
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Reviewed By :Yogesh
Patel

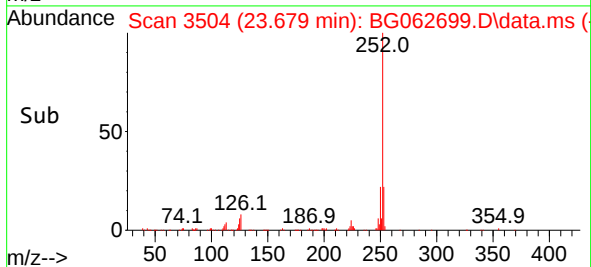
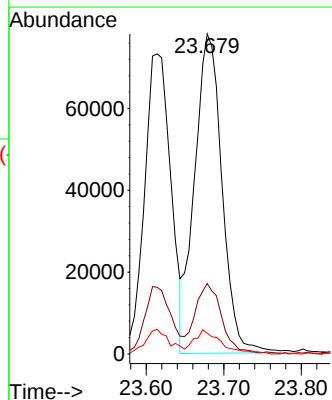
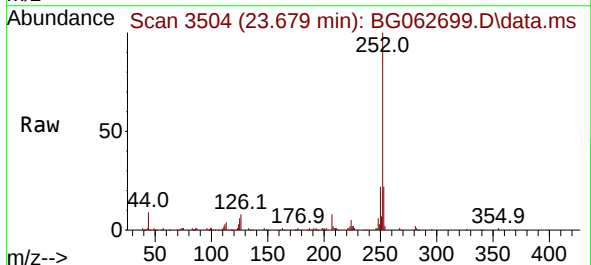
09/12/2024
Supervised By :mohammad
ahmed

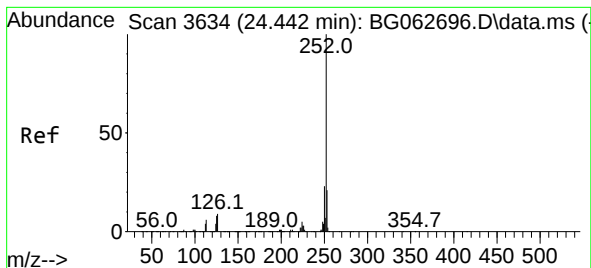
09/13/2024



#91
Benzo(k)fluoranthene
Concen: 4.587 ng/ul
RT: 23.679 min Scan# 3504
Delta R.T. -0.008 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Tgt Ion:252 Resp: 191922
Ion Ratio Lower Upper
252 100
253 22.0 16.9 25.3
125 6.5 5.7 8.5





#93

Benzo(a)pyrene

Concen: 4.365 ng/ul

RT: 24.442 min Scan# 30

Delta R.T. -0.002 min

Lab File: BG062699.D

Acq: 10 Sep 2024 12:58

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2024-05

Tgt Ion:	252	Resp:	168218
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.4	26.0
125	8.5	6.1	9.1

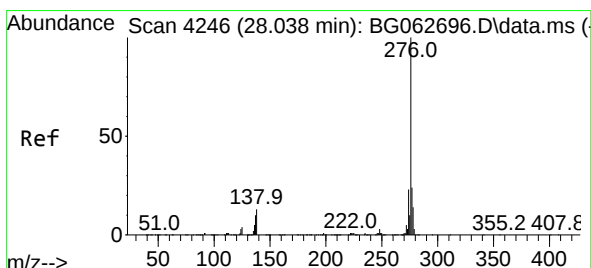
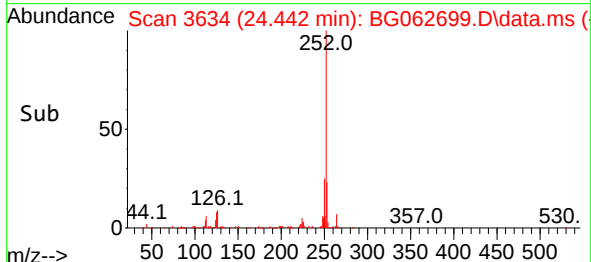
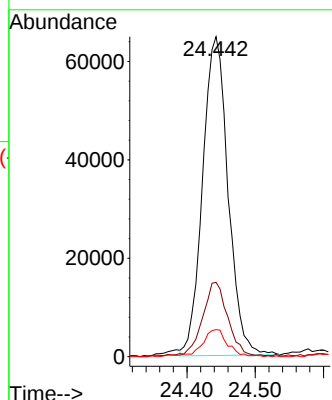
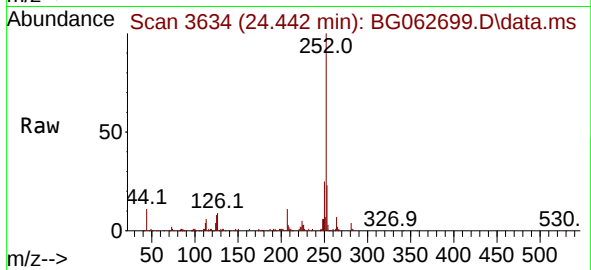
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

09/12/2024

Supervised By :mohammad
ahmed

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#94

Indeno(1,2,3-cd)pyrene

Concen: 4.076 ng/ul

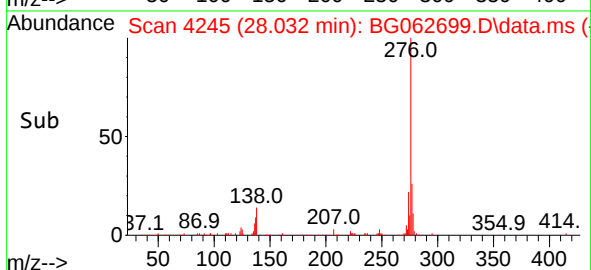
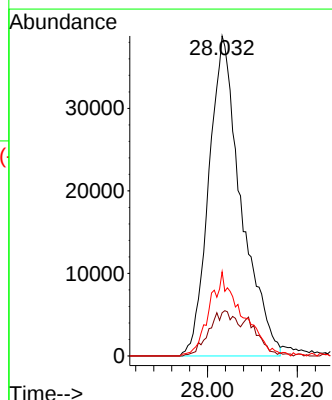
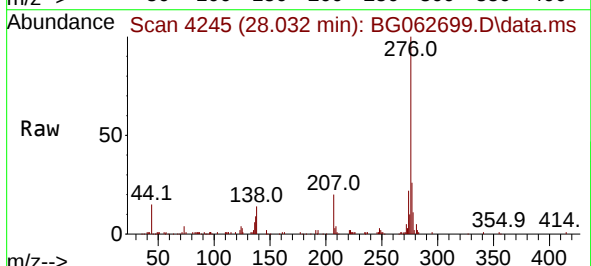
RT: 28.032 min Scan# 4245

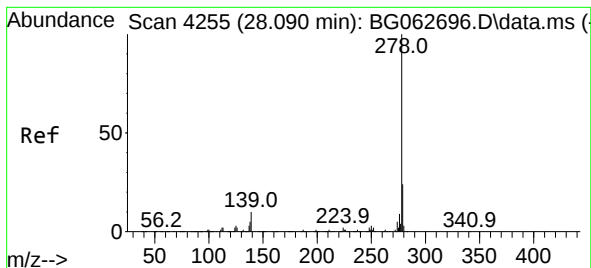
Delta R.T. -0.014 min

Lab File: BG062699.D

Acq: 10 Sep 2024 12:58

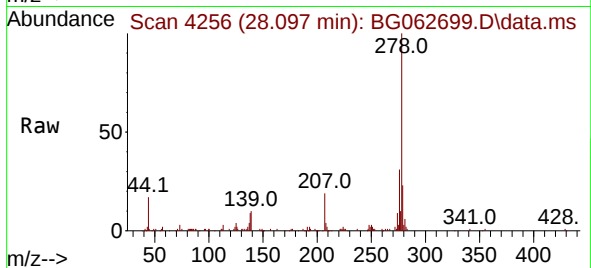
Tgt Ion:	276	Resp:	193557
Ion Ratio	Lower	Upper	
276	100		
138	13.5	11.4	17.2
277	26.3	18.9	28.3





#95
Dibenzo(a,h)anthracene
Concen: 4.318 ng/ul
RT: 28.097 min Scan# 4255
Delta R.T. -0.002 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-05



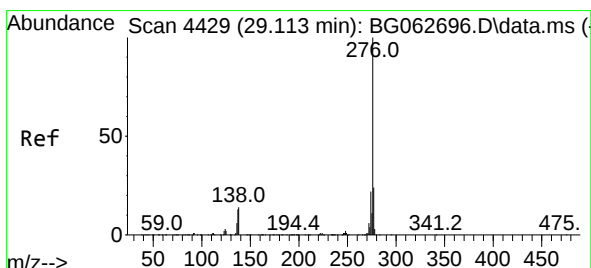
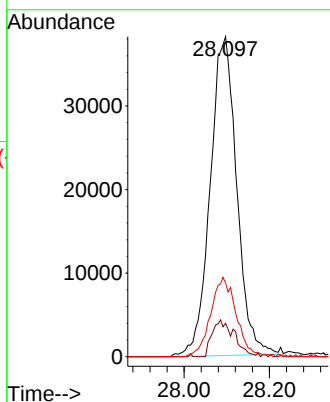
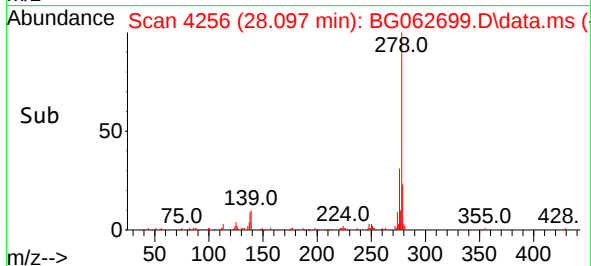
Tgt Ion:278 Resp: 16471
Ion Ratio Lower Upper
278 100
139 10.4 7.8 11.8
279 23.1 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

09/12/2024
Supervised By :mohammad
ahmed

09/13/2024



#96
Benzo(g,h,i)perylene
Concen: 4.430 ng/ul
RT: 29.108 min Scan# 4428
Delta R.T. -0.020 min
Lab File: BG062699.D
Acq: 10 Sep 2024 12:58

Tgt Ion:276 Resp: 162470
Ion Ratio Lower Upper
276 100
138 13.2 11.8 17.6
277 22.2 18.4 27.6

