

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
 Data File : BG061269.D
 Acq On : 23 May 2024 12:32
 Operator : MA/JU
 Sample : P2409-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT2-2024-04

Quant Time: May 23 14:37:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

05/24/2024
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	26269	20.000	ng/u1	0.00
20) Naphthalene-d8	10.683	136	121244	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.520	164	108963	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.270	188	292995	20.000	ng/u1	0.00
79) Chrysene-d12	21.518	240	294195	20.000	ng/u1	0.00
88) Perylene-d12	24.602	264	305297	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	2435	5.187	ng/uL	0.00
4) Pyridine-d5	3.739	84	44720	26.779	ng/u1	0.00
7) Phenol-d5	7.064	99	47204	21.882	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	30990	22.856	ng/u1	0.00
11) 2-Chlorophenol-d4	7.423	132	36209	22.680	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	40385	21.955	ng/u1	0.00
21) Nitrobenzene-d5	9.044	128	20598	22.066	ng/u1	0.00
24) 2-Nitrophenol-d4	9.761	143	23538	21.545	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.313	165	45879	21.541	ng/u1	0.00
31) 4-Chloroaniline-d4	10.813	131	61262	21.986	ng/u1	0.00
46) Dimethylphthalate-d6	13.927	166	187283	22.161	ng/u1	0.00
49) Acenaphthylene-d8	14.209	160	198084	22.546	ng/u1	0.00
54) 4-Nitrophenol-d4	14.743	143	24399	23.353	ng/u1	0.00
60) Fluorene-d10	15.513	176	167702	22.985	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.642	200	35916	20.268	ng/u1	0.00
73) Anthracene-d10	17.364	188	265541	20.557	ng/u1	0.00
81) Pyrene-d10	19.655	212	345703	22.886	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.391	264	350350	23.870	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.368	88	750m	1.331	ng/uL	
5) Pyridine	3.762	79	8865	5.367	ng/u1#	73
6) Benzaldehyde	7.023	77	6358	5.637	ng/u1	85
8) Phenol	7.088	94	10798	4.913	ng/u1#	90
10) Bis(2-Chloroethyl)ether	7.305	93	7993	4.972	ng/u1	96
12) 2-Chlorophenol	7.458	128	8303	4.921	ng/u1	97
13) 2-Methylphenol	8.339	108	7748	4.548	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.410	45	21461	4.943	ng/u1	100
16) Acetophenone	8.703	105	15440	4.918	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.686	70	8606	4.986	ng/u1#	85
18) 4-Methylphenol	8.662	108	9198	4.874	ng/u1	89
19) Hexachloroethane	8.962	117	3566	4.750	ng/u1#	78
22) Nitrobenzene	9.079	77	12002	4.688	ng/u1	95
23) Isophorone	9.602	82	24460	4.696	ng/u1	97
25) 2-Nitrophenol	9.790	139	5325	4.491	ng/u1	94
26) 2,4-Dimethylphenol	9.861	107	6089	2.591	ng/u1	87
27) Bis(2-Chloroethoxy)met...	10.084	93	12511	4.792	ng/u1#	87
29) 2,4-Dichlorophenol	10.337	162	9364	4.773	ng/u1	93
30) Naphthalene	10.730	128	31233	4.881	ng/u1#	95
32) 4-Chloroaniline	10.842	127	13431	4.850	ng/u1	90
33) Hexachlorobutadiene	11.018	225	8838	4.609	ng/u1	97
34) Caprolactam	11.618	113	4258	5.673	ng/u1	88
35) 4-Chloro-3-methylphenol	11.982	107	12193	4.808	ng/u1#	90
36) 2-Methylnaphthalene	12.340	142	22222	4.788	ng/u1	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.564	142	23660	4.968	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.710	216	17643	4.904	ng/ul#	95
40) Hexachlorocyclopentadiene	12.687	237	6622	4.078	ng/ul#	84
41) 2,4,6-Trichlorophenol	12.957	196	9042	4.462	ng/ul	95
42) 2,4,5-Trichlorophenol	13.039	196	8761	4.106	ng/ul#	86
43) 1,1'-Biphenyl	13.351	154	34985	4.965	ng/ul	95
44) 2-Chloronaphthalene	13.392	162	27519	4.963	ng/ul	98
45) 2-Nitroaniline	13.598	65	10421	4.554	ng/ul#	90
47) Dimethylphthalate	13.974	163	42256	4.797	ng/ul	96
48) 2,6-Dinitrotoluene	14.097	165	7810	4.521	ng/ul#	85
50) Acenaphthylene	14.238	152	47762	4.902	ng/ul	99
51) 3-Nitroaniline	14.420	138	7808	5.209	ng/ul#	85
52) Acenaphthene	14.585	153	30942	4.841	ng/ul	94
53) 2,4-Dinitrophenol	14.655	184	3948	4.310	ng/ul#	88
55) 4-Nitrophenol	14.761	109	5812	4.731	ng/ul	96
56) Dibenzofuran	14.920	168	44596	4.880	ng/ul	100
57) 2,4-Dinitrotoluene	14.890	165	12904	4.910	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.161	232	7696m	3.954	ng/ul	
59) Diethylphthalate	15.337	149	43103	4.955	ng/ul	97
61) Fluorene	15.566	166	39979	5.057	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.560	204	22781	4.913	ng/ul	98
63) 4-Nitroaniline	15.589	138	7373	4.722	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.660	198	8542	4.600	ng/ul#	97
67) N-Nitrosodiphenylamine	15.777	169	34441	4.677	ng/ul	94
68) 4-Bromophenyl-phenylether	16.453	248	16469	4.744	ng/ul	96
69) Hexachlorobenzene	16.577	284	19058	4.939	ng/ul	97
70) Atrazine	16.723	200	16424	5.636	ng/ul	92
71) Pentachlorophenol	16.935	266	6581m	4.900	ng/ul	
72) Phenanthrene	17.311	178	69309	4.874	ng/ul	98
74) Anthracene	17.399	178	65632	4.464	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	17664	4.561	ng/ul	91
76) Pentachlorobenzene	14.843	250	20671	4.827	ng/ul	96
77) Carbazole	17.669	167	59255	4.955	ng/ul	99
78) Di-n-butylphthalate	18.233	149	71890	4.797	ng/ul	98
80) Fluoranthene	19.326	202	91469	5.048	ng/ul	99
82) Pyrene	19.685	202	95623	5.084	ng/ul	100
83) Butylbenzylphthalate	20.578	149	31242	4.835	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.418	252	27528	4.408	ng/ul#	97
85) Benzo(a)anthracene	21.500	228	98600	4.857	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.412	149	45773	4.786	ng/ul	97
87) Chrysene	21.559	228	91073	4.872	ng/ul	99
89) Di-n-octyl phthalate	22.575	149	81344	5.326	ng/ul	100
90) Benzo(b)fluoranthene	23.627	252	97598	5.369	ng/ul	98
91) Benzo(k)fluoranthene	23.686	252	93788	5.083	ng/ul	99
93) Benzo(a)pyrene	24.456	252	88422	5.123	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.098	276	109025	5.223	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.151	278	90252	5.244	ng/ul	94
96) Benzo(g,h,i)perylene	29.179	276	86016	5.180	ng/ul	98

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

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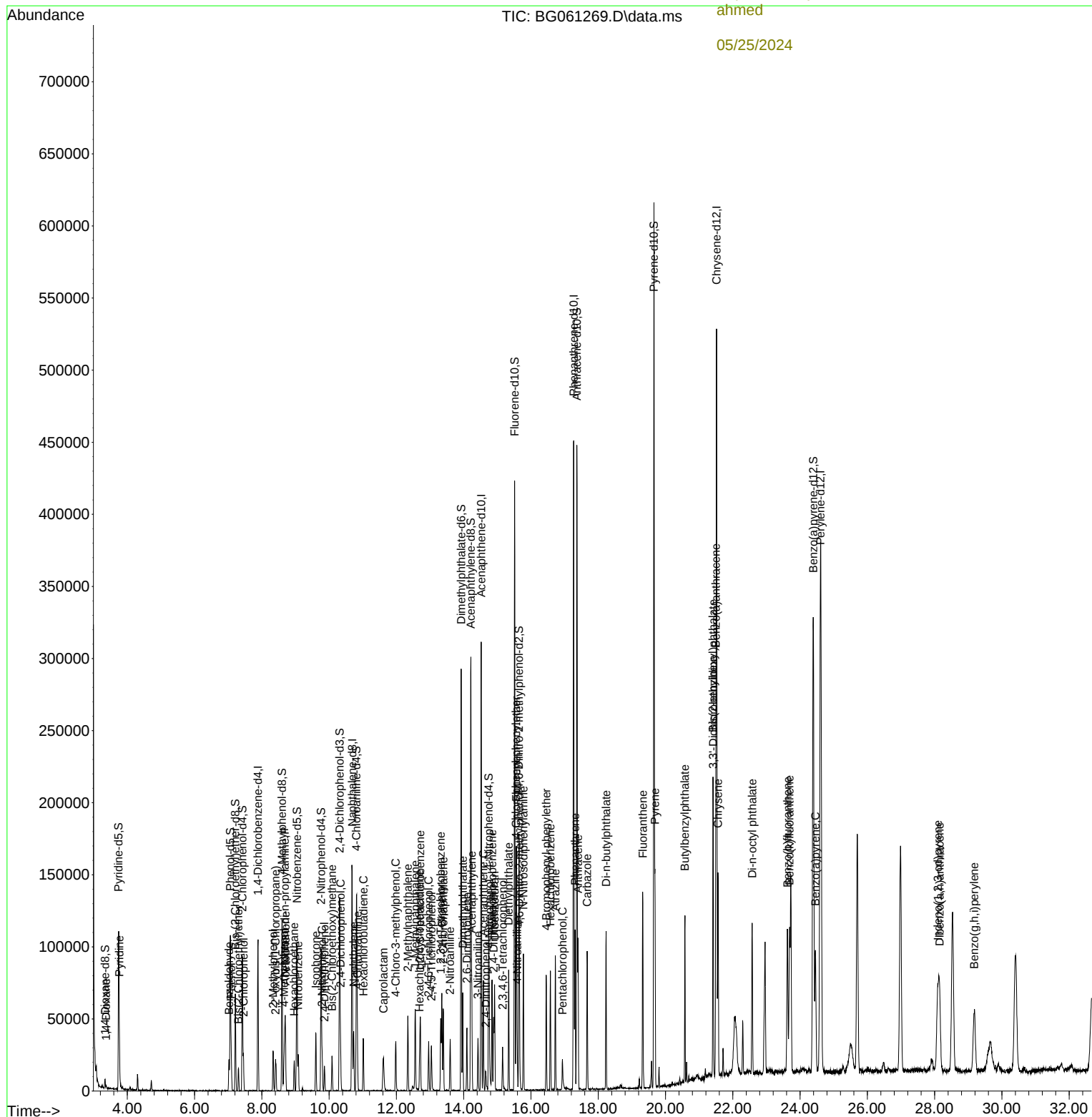
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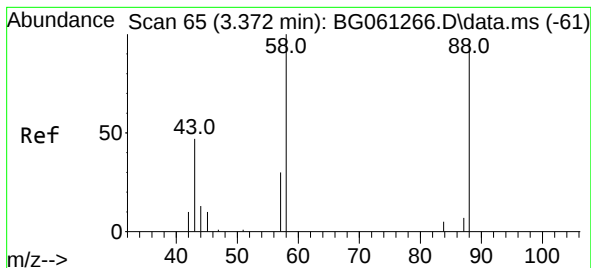
Manual Integrations APPROVED

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 Patel

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 Supervised By :mohammad
 ahmed

05/25/2024





#2

1,4-Dioxane

Concen: 1.331 ng/uL m

RT: 3.368 min Scan# 61

Delta R.T. -0.002 min

Lab File: BG061269.D

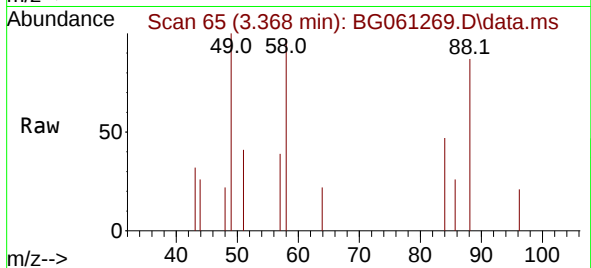
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Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT2-2024-04



Tgt Ion:	88	Resp:	750
Ion Ratio	100	Lower	Upper
88	100		
43	36.7	44.6	67.0
58	112.2	90.3	135.5

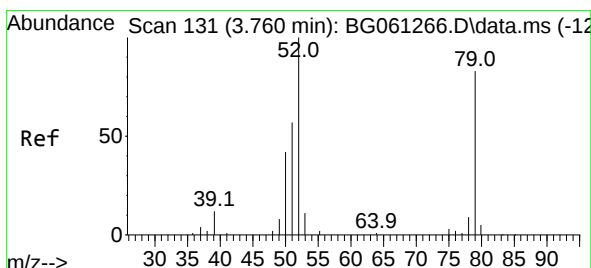
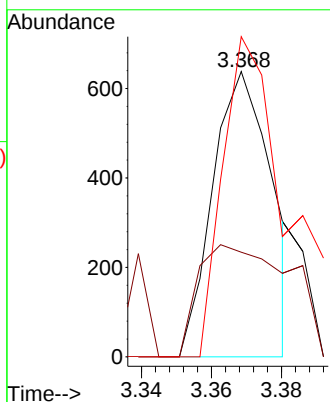
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ahmed

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#5

Pyridine

Concen: 5.367 ng/uL

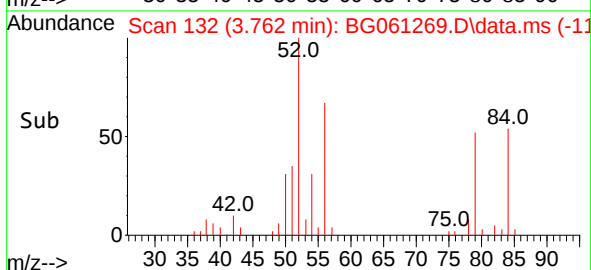
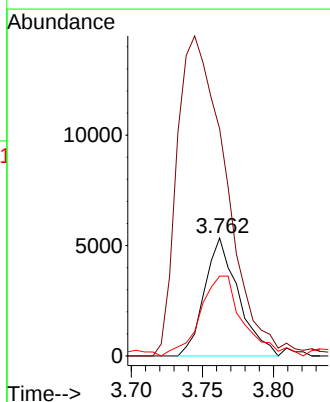
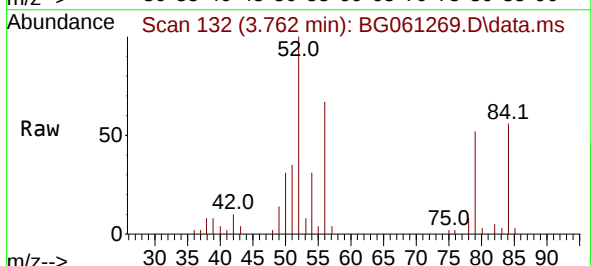
RT: 3.762 min Scan# 132

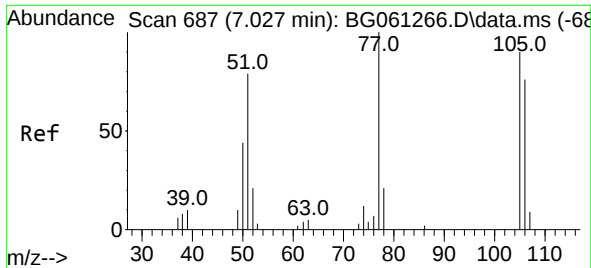
Delta R.T. -0.002 min

Lab File: BG061269.D

Acq: 23 May 2024 12:32

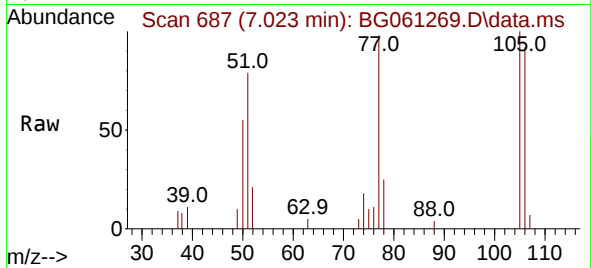
Tgt Ion:	79	Resp:	8865
Ion Ratio	100	Lower	Upper
79	100		
52	192.6	116.3	174.5
51	67.7	52.1	78.1





#6
Benzaldehyde
Concen: 5.637 ng/ul
RT: 7.023 min Scan# 687
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



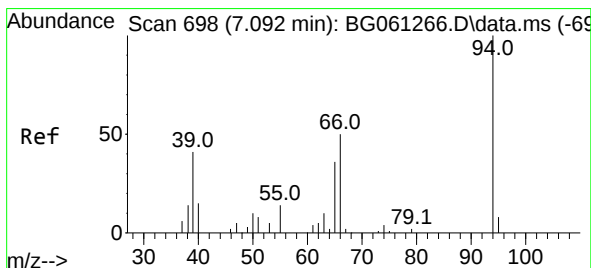
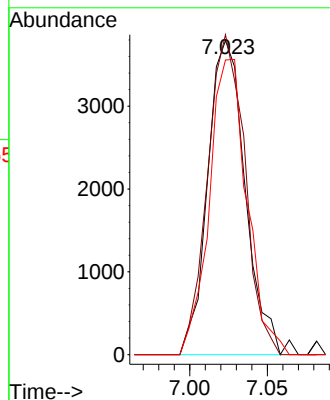
Tgt Ion: 77 Resp: 6358
Ion Ratio Lower Upper
77 100
105 101.9 71.0 106.6
106 93.8 63.4 95.2

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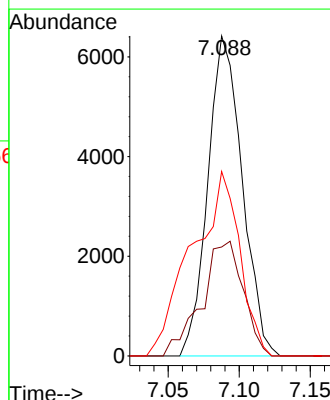
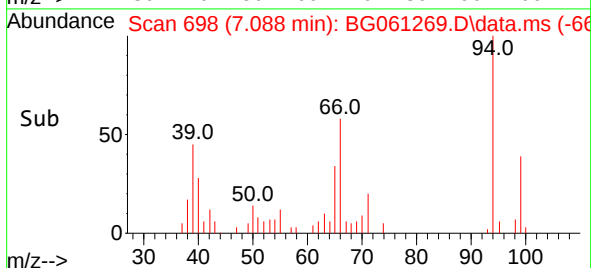
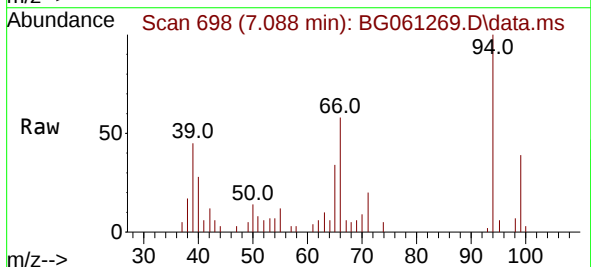
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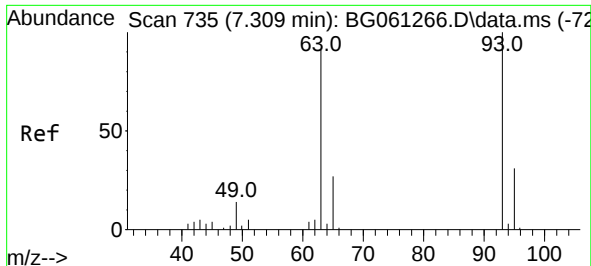
05/25/2024



#8
Phenol
Concen: 4.913 ng/ul
RT: 7.088 min Scan# 698
Delta R.T. -0.008 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Tgt Ion: 94 Resp: 10798
Ion Ratio Lower Upper
94 100
65 34.0 35.0 52.4#
66 57.7 50.3 75.5





#10

Bis(2-Chloroethyl)ether

Concen: 4.972 ng/ul

RT: 7.305 min Scan# 710

Delta R.T. -0.002 min

Lab File: BG061269.D

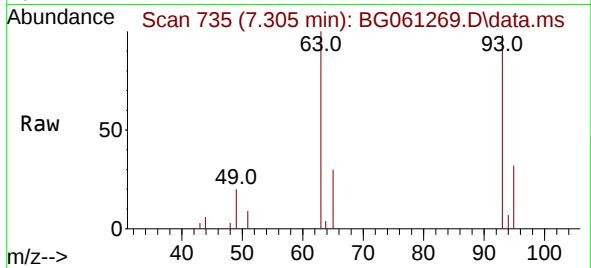
Acq: 23 May 2024 12:32

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:	93	Resp:	799
Ion	Ratio	Lower	Upper
93	100		
63	102.4	86.2	129.2
95	32.5	25.8	38.8

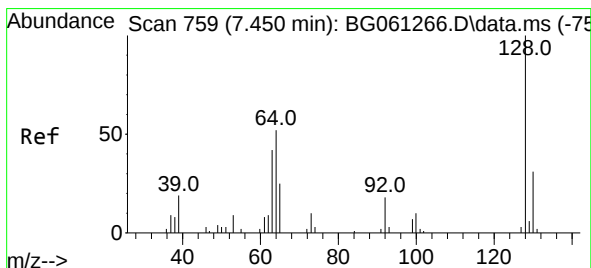
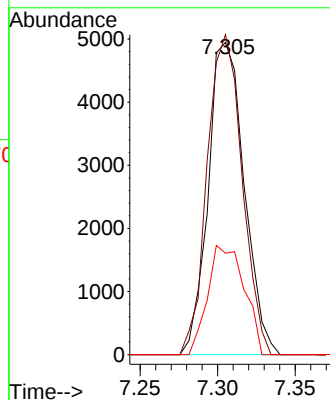
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#12

2-Chlorophenol

Concen: 4.921 ng/ul

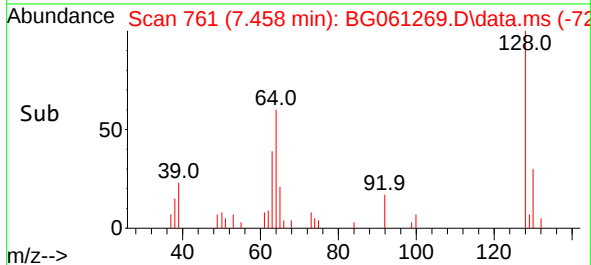
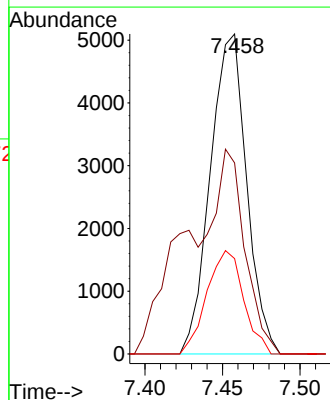
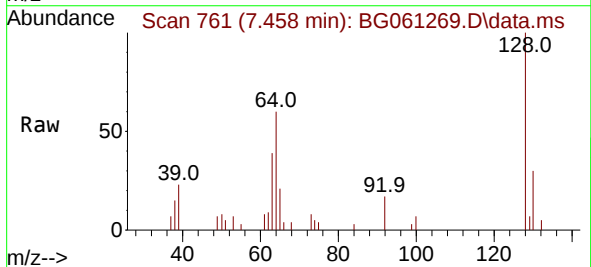
RT: 7.458 min Scan# 761

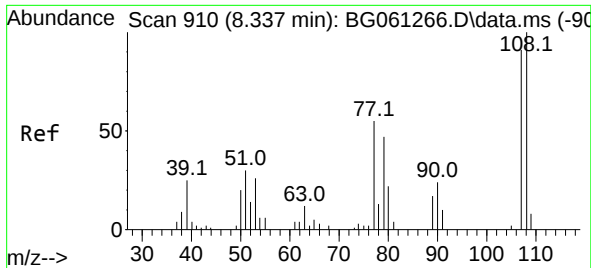
Delta R.T. -0.002 min

Lab File: BG061269.D

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Tgt Ion:	128	Resp:	8303
Ion	Ratio	Lower	Upper
128	100		
64	59.7	46.9	70.3
130	29.8	25.8	38.8





#13
2-Methylphenol
Concen: 4.548 ng/ul
RT: 8.339 min Scan# 910
Delta R.T. -0.002 min
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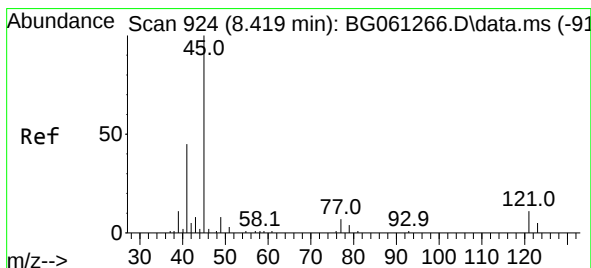
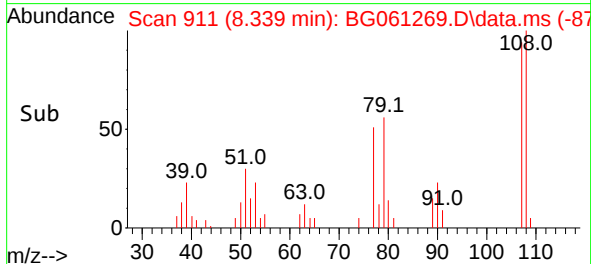
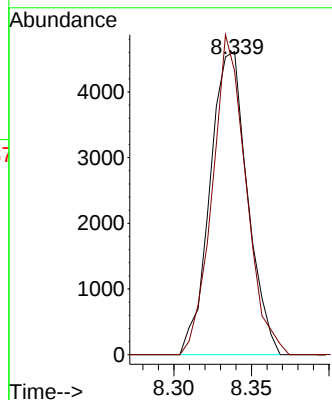
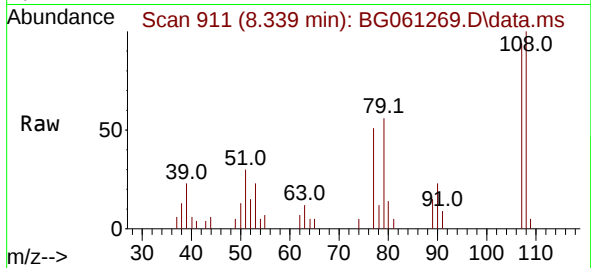
Tgt Ion:108 Resp: 7748
Ion Ratio Lower Upper
108 100
107 93.5 69.5 104.3

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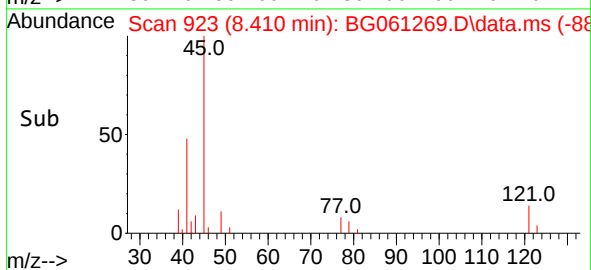
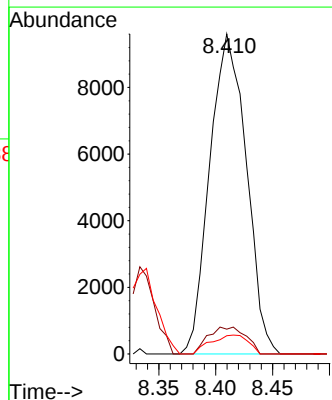
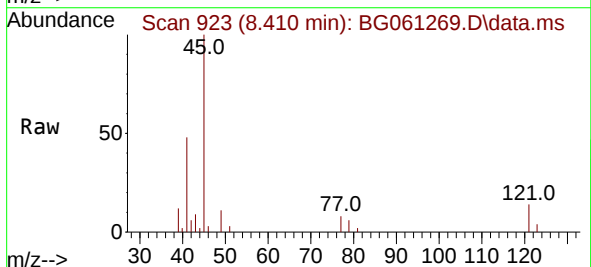
05/24/2024
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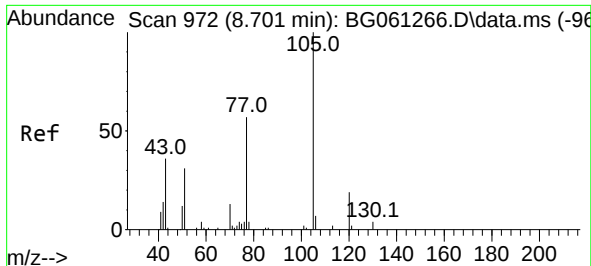
05/25/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.943 ng/ul
RT: 8.410 min Scan# 923
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Tgt Ion: 45 Resp: 21461
Ion Ratio Lower Upper
45 100
77 7.7 6.2 9.2
79 5.7 4.6 7.0





#16
Acetophenone
Concen: 4.918 ng/ul
RT: 8.703 min Scan# 91
Delta R.T. -0.002 min
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MDL-SOIL-QT2-2024-04

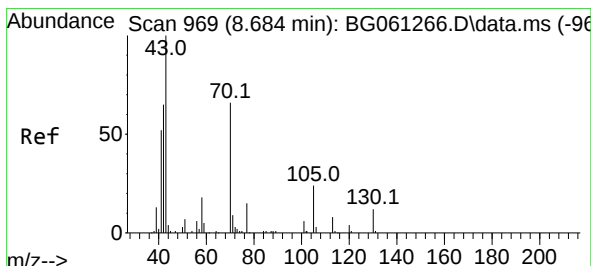
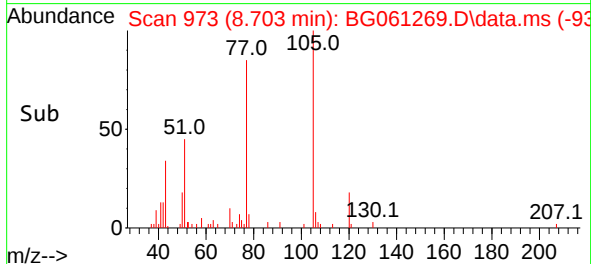
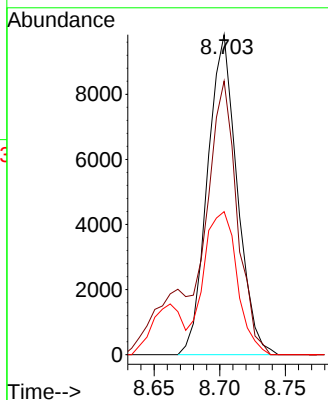
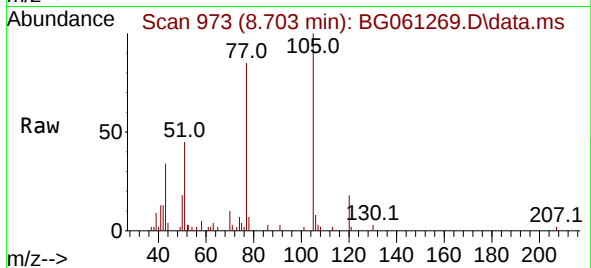
Tgt Ion:105 Resp: 15440
Ion Ratio Lower Upper
105 100
77 85.5 70.4 105.6
51 44.7 38.4 57.6

Manual Integrations
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Reviewed By :Yogesh
Patel

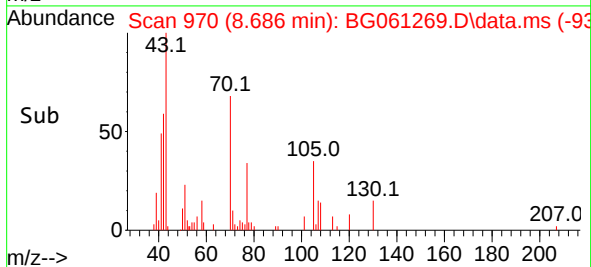
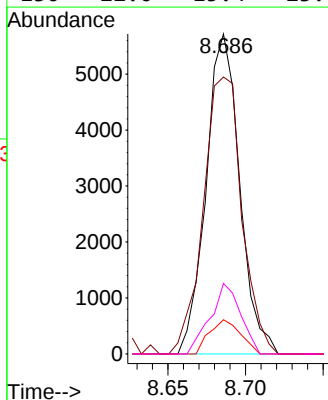
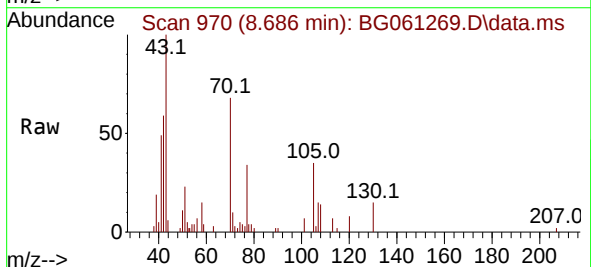
05/24/2024
Supervised By :mohammad
ahmed

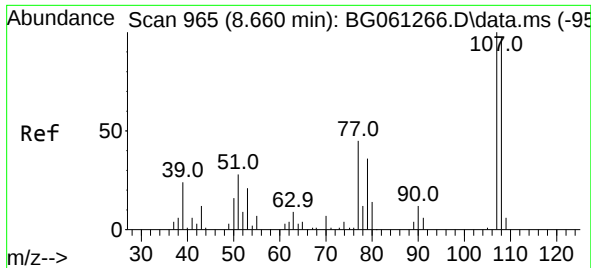
05/25/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.986 ng/ul
RT: 8.686 min Scan# 970
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Tgt Ion: 70 Resp: 8606
Ion Ratio Lower Upper
70 100
42 86.5 83.2 124.8
101 10.7 6.6 9.8#
130 22.0 15.4 23.0





#18
4-Methylphenol
Concen: 4.874 ng/ul
RT: 8.662 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04

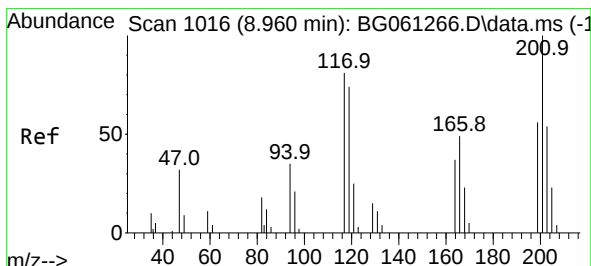
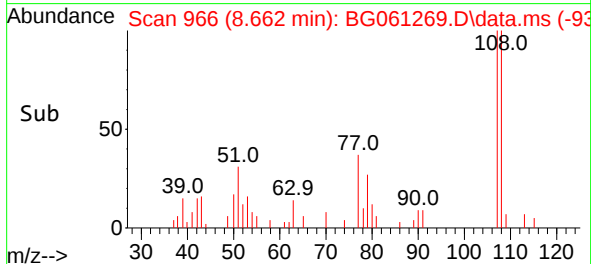
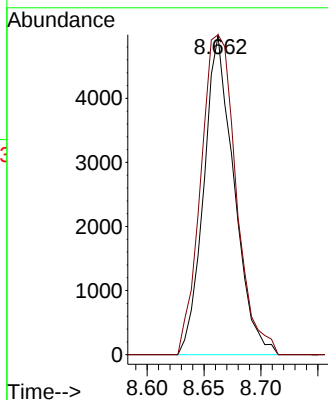
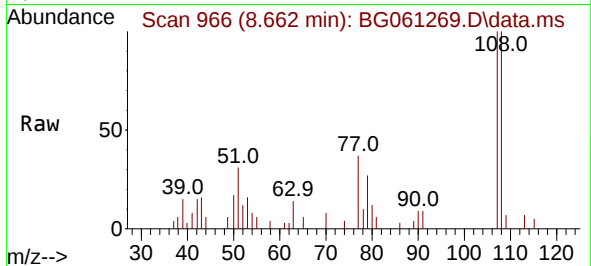
Tgt Ion:108 Resp: 9198
Ion Ratio Lower Upper
108 100
107 100.4 89.3 133.9

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Reviewed By :Yogesh
Patel

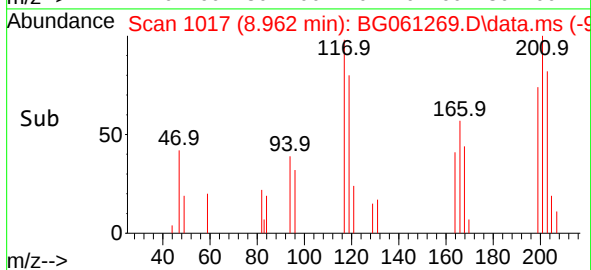
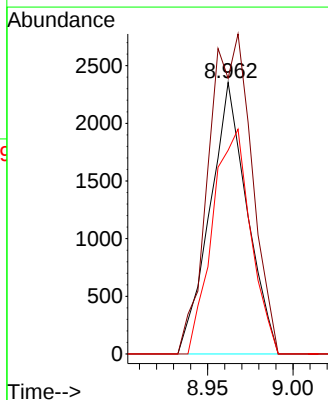
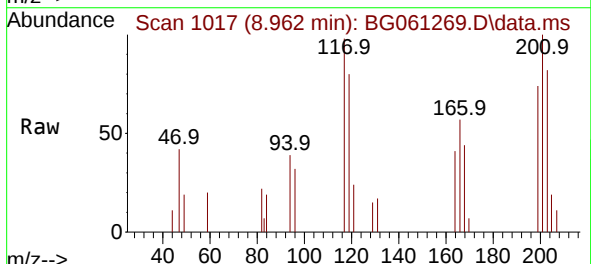
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Supervised By :mohammad
ahmed

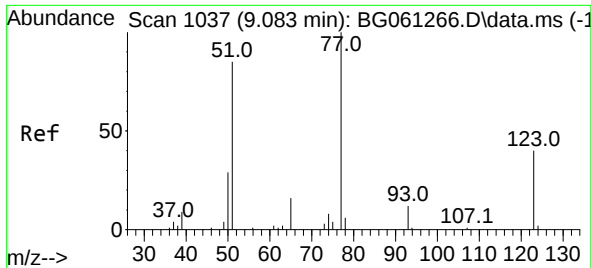
05/25/2024



#19
Hexachloroethane
Concen: 4.750 ng/ul
RT: 8.962 min Scan# 1017
Delta R.T. -0.008 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

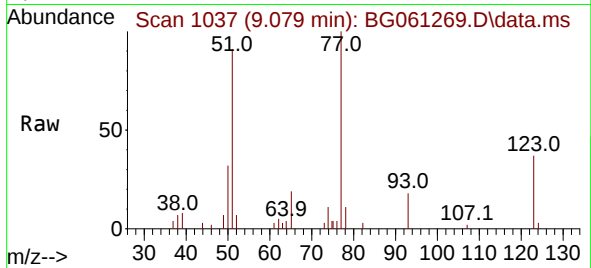
Tgt Ion:117 Resp: 3566
Ion Ratio Lower Upper
117 100
201 101.6 110.8 166.2#
199 75.1 65.1 97.7





#22
Nitrobenzene
Concen: 4.688 ng/ul
RT: 9.079 min Scan# 1037
Delta R.T. -0.008 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2024-04



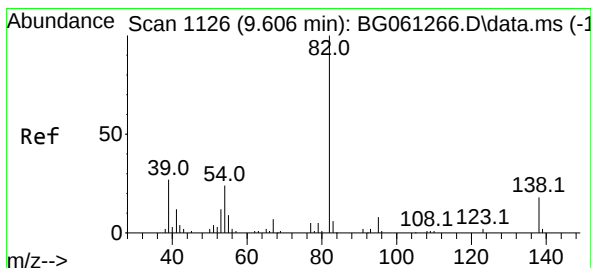
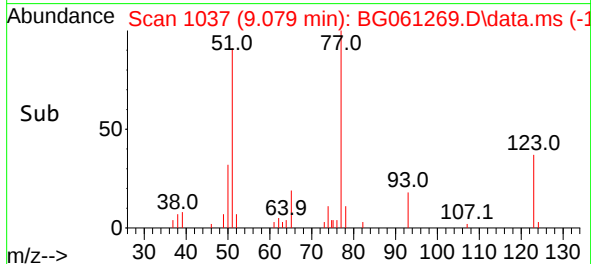
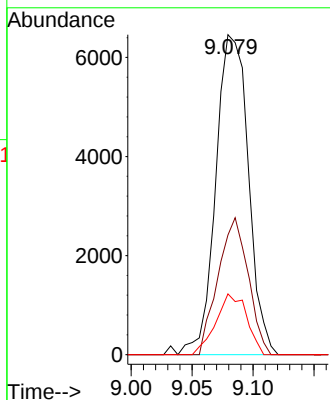
Tgt Ion: 77 Resp: 1200
Ion Ratio Lower Upper
77 100
123 37.4 32.7 49.1
65 19.0 14.2 21.2

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Reviewed By :Yogesh
Patel

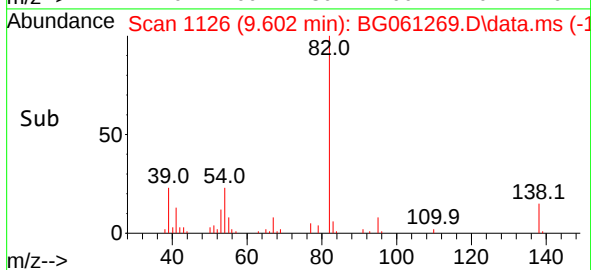
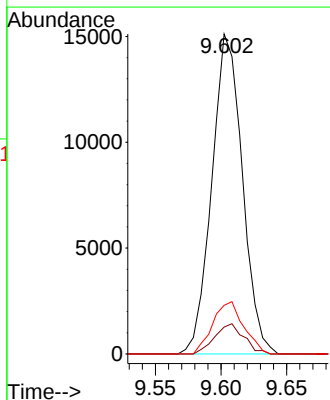
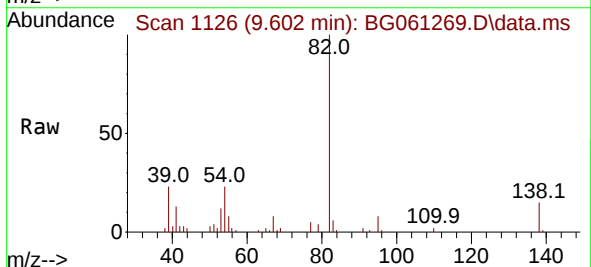
05/24/2024
Supervised By :mohammad
ahmed

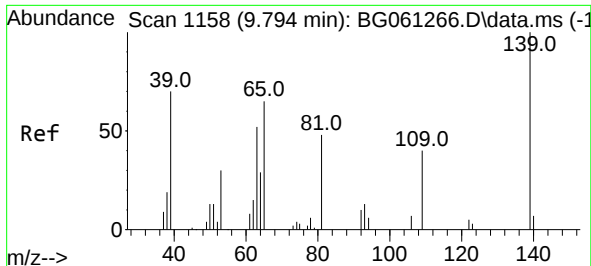
05/25/2024



#23
Isophorone
Concen: 4.696 ng/ul
RT: 9.602 min Scan# 1126
Delta R.T. -0.008 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

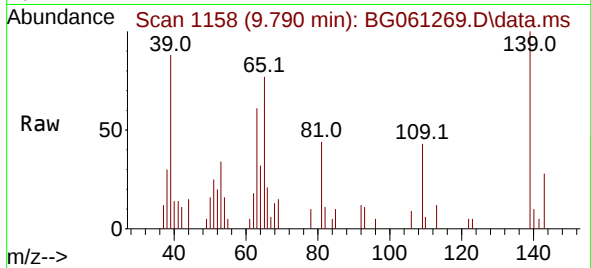
Tgt Ion: 82 Resp: 24460
Ion Ratio Lower Upper
82 100
95 8.4 6.9 10.3
138 15.2 13.5 20.3





#25
2-Nitrophenol
Concen: 4.491 ng/ul
RT: 9.790 min Scan# 1158
Delta R.T. -0.008 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



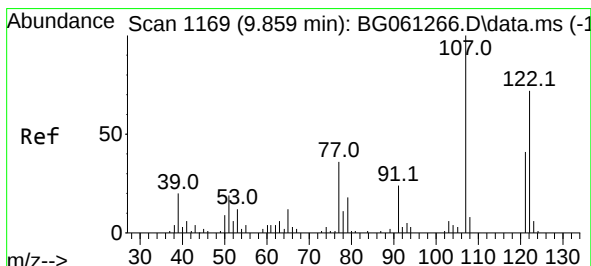
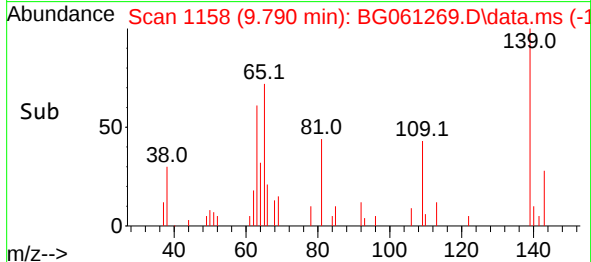
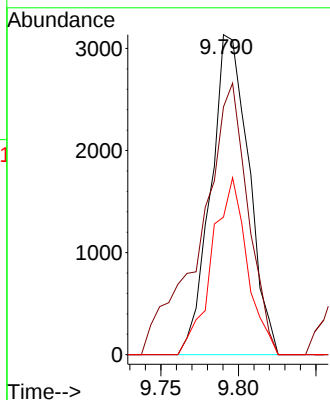
Tgt Ion:139 Resp: 532
Ion Ratio Lower Upper
139 100
65 77.4 56.1 84.1
109 43.0 33.8 50.6

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Patel

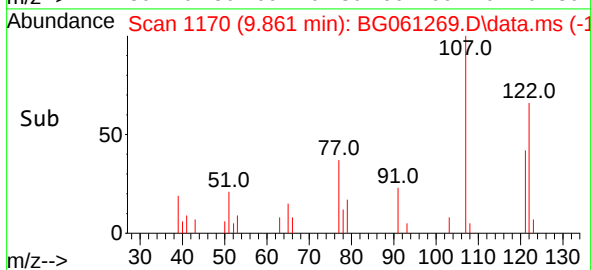
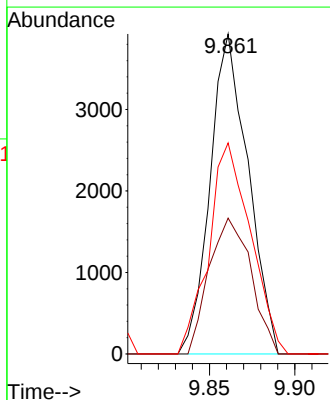
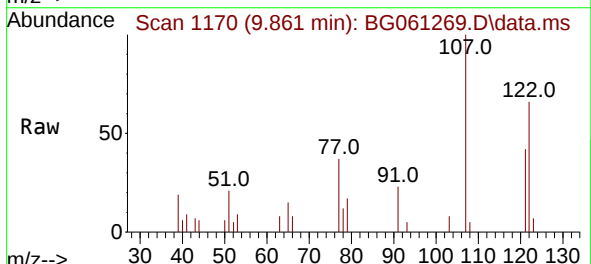
05/24/2024
Supervised By :mohammad
ahmed

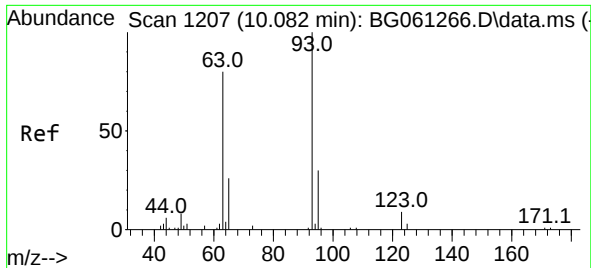
05/25/2024



#26
2,4-Dimethylphenol
Concen: 2.591 ng/ul
RT: 9.861 min Scan# 1170
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

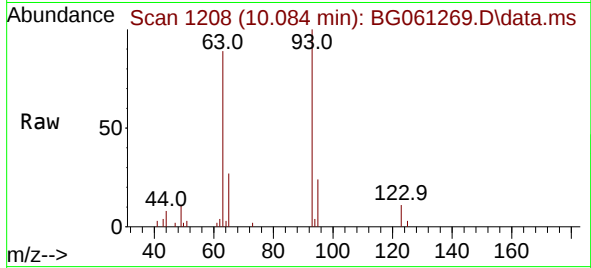
Tgt Ion:107 Resp: 6089
Ion Ratio Lower Upper
107 100
121 42.4 36.4 54.6
122 65.9 65.8 98.8





#27
Bis(2-Chloroethoxy)methane
Concen: 4.792 ng/ul
RT: 10.084 min Scan# 1207
Delta R.T. -0.008 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



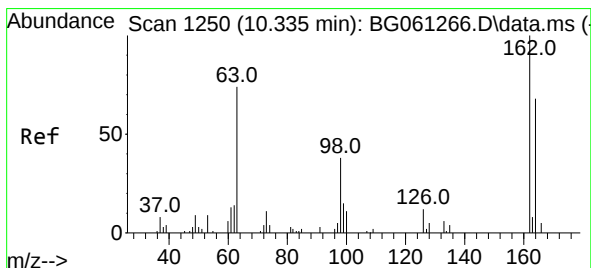
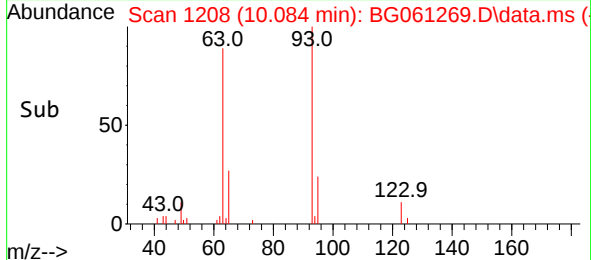
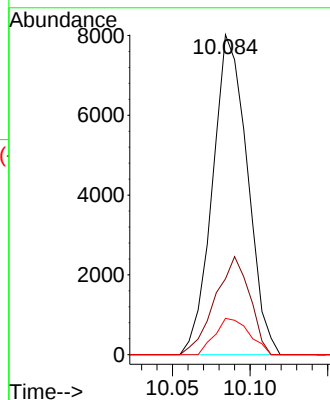
Tgt Ion:	93	Resp:	1251
Ion Ratio	100	Lower	Upper
93	100		
95	23.7	25.8	38.8
123	11.4	7.2	10.8

Manual Integrations
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Patel

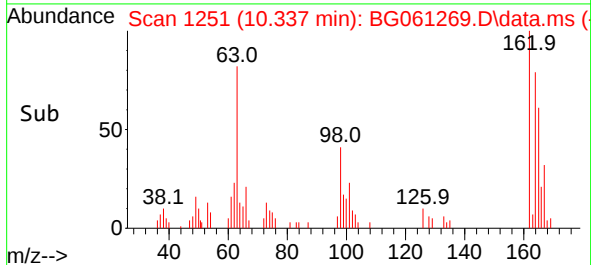
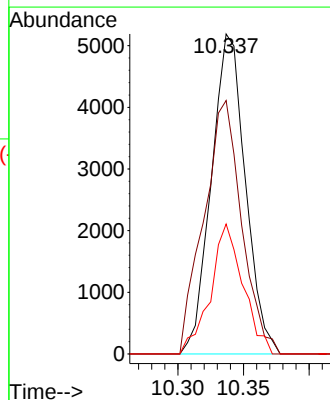
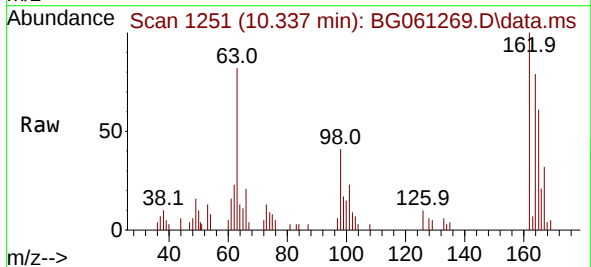
05/24/2024
Supervised By :mohammad
ahmed

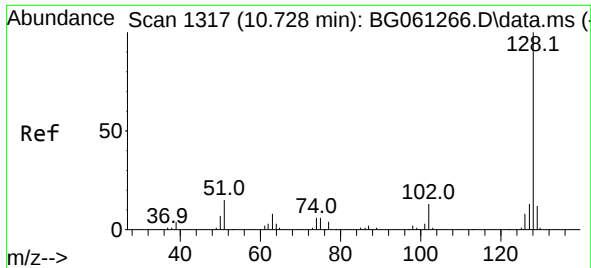
05/25/2024



#29
2,4-Dichlorophenol
Concen: 4.773 ng/ul
RT: 10.337 min Scan# 1251
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

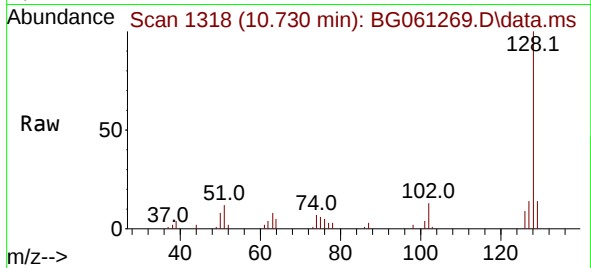
Tgt Ion:	162	Resp:	9364
Ion Ratio	100	Lower	Upper
162	100		
164	79.2	58.4	87.6
98	40.6	29.9	44.9





#30
Naphthalene
Concen: 4.881 ng/ul
RT: 10.730 min Scan# 1317
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



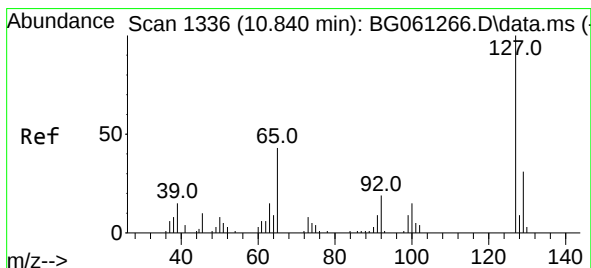
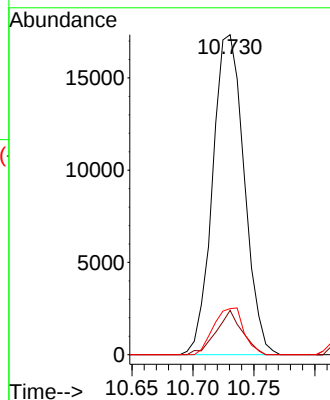
Tgt Ion:128 Resp: 3123
Ion Ratio Lower Upper
128 100
129 13.9 8.6 12.8
127 14.4 10.8 16.2

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Patel

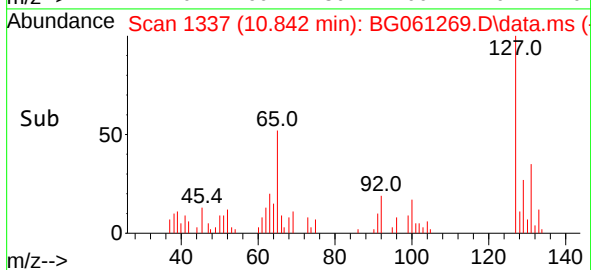
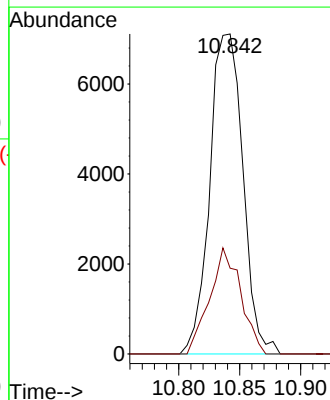
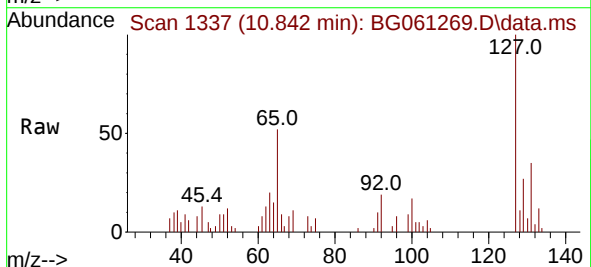
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Supervised By :mohammad
ahmed

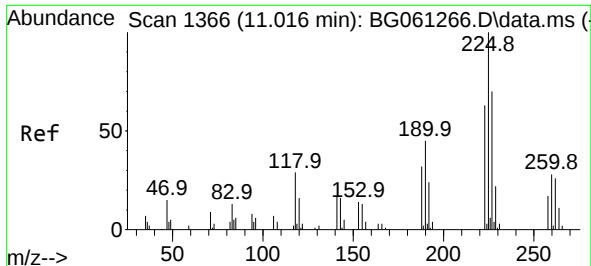
05/25/2024



#32
4-Chloroaniline
Concen: 4.850 ng/ul
RT: 10.842 min Scan# 1337
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

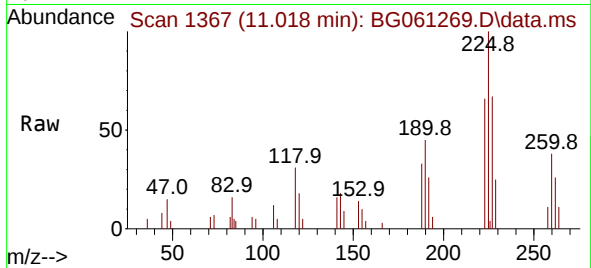
Tgt Ion:127 Resp: 13431
Ion Ratio Lower Upper
127 100
129 26.8 25.9 38.9





#33
Hexachlorobutadiene
Concen: 4.609 ng/u1
RT: 11.018 min Scan# 1366
Delta R.T. 0.004 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



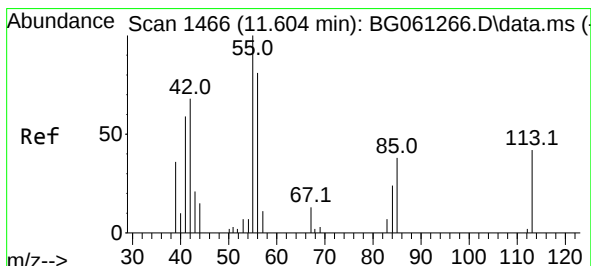
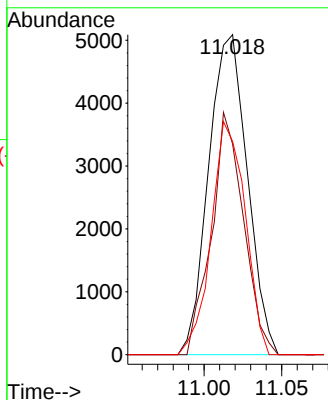
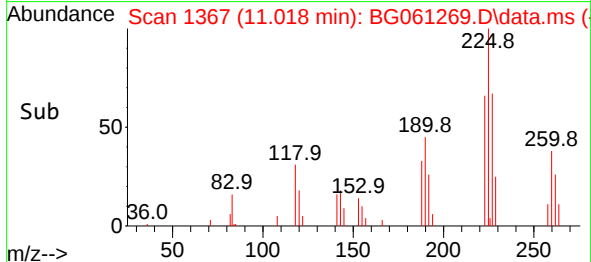
Tgt Ion:225 Resp: 8838
Ion Ratio Lower Upper
225 100
223 63.4 53.8 80.8
227 64.1 50.2 75.2

Manual Integrations
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Patel

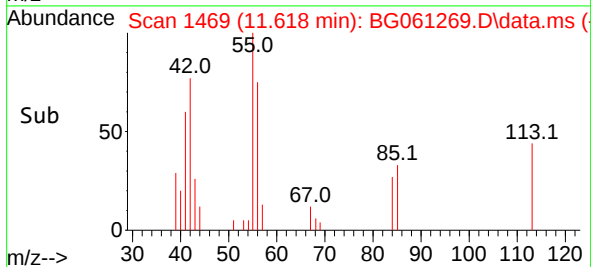
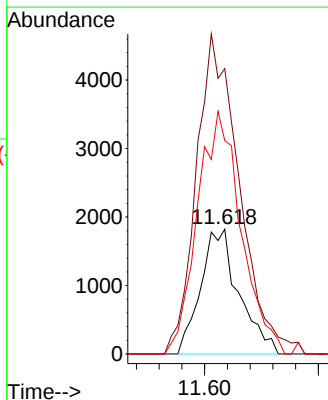
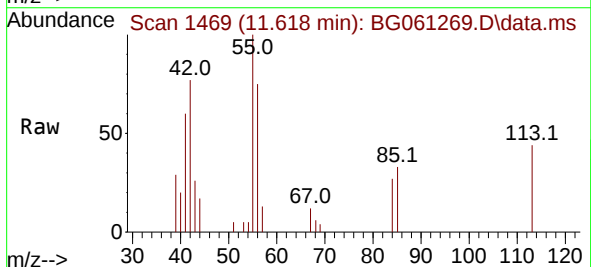
05/24/2024
Supervised By :mohammad
ahmed

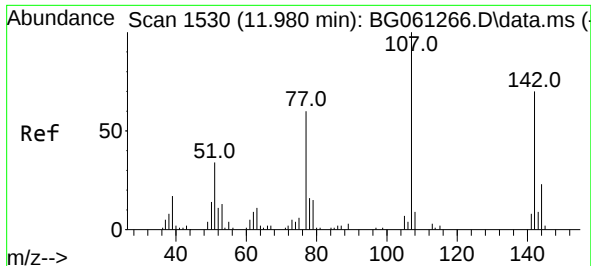
05/25/2024



#34
Caprolactam
Concen: 5.673 ng/u1
RT: 11.618 min Scan# 1469
Delta R.T. 0.022 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

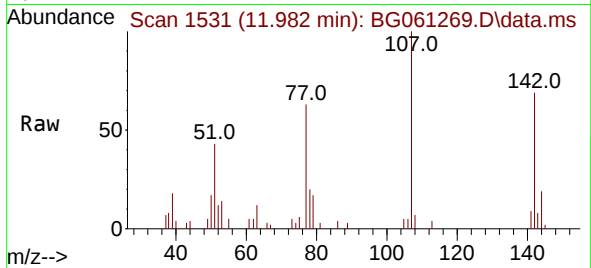
Tgt Ion:113 Resp: 4258
Ion Ratio Lower Upper
113 100
55 228.4 199.0 298.4
56 170.9 150.6 226.0





#35
4-Chloro-3-methylphenol
Concen: 4.808 ng/ul
RT: 11.982 min Scan# 1531
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



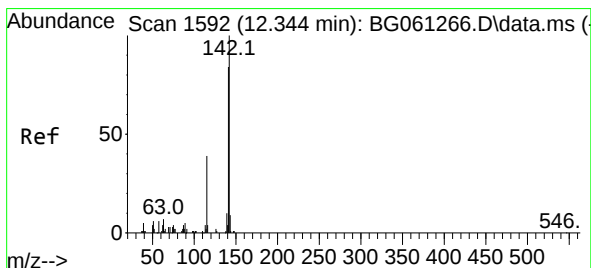
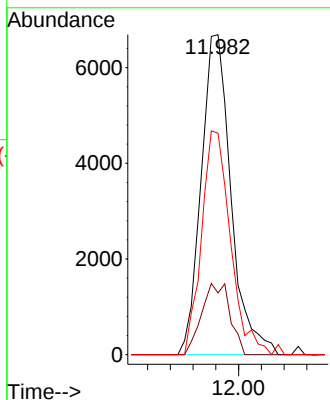
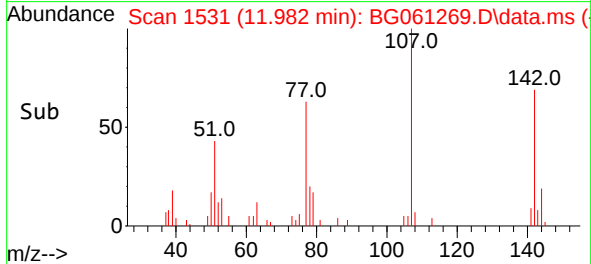
Tgt Ion:107 Resp: 1219
Ion Ratio Lower Upper
107 100
144 19.3 21.2 31.8
142 69.2 61.6 92.4

Manual Integrations
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Patel

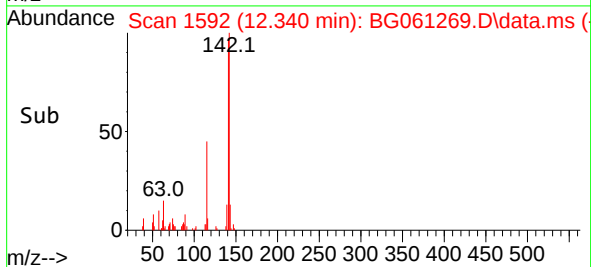
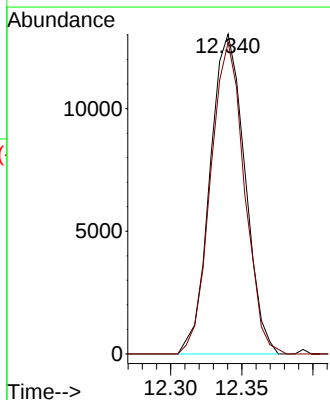
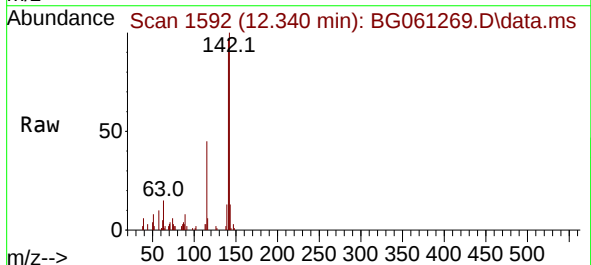
05/24/2024
Supervised By :mohammad
ahmed

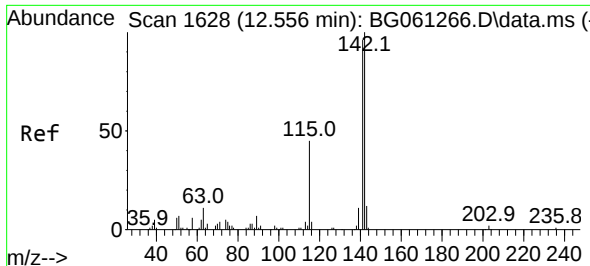
05/25/2024



#36
2-Methylnaphthalene
Concen: 4.788 ng/ul
RT: 12.340 min Scan# 1592
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

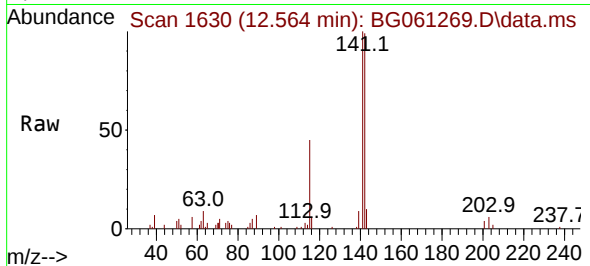
Tgt Ion:142 Resp: 22222
Ion Ratio Lower Upper
142 100
141 97.4 72.2 108.2





#37
1-Methylnaphthalene
Concen: 4.968 ng/ul
RT: 12.564 min Scan# 1630
Delta R.T. 0.004 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



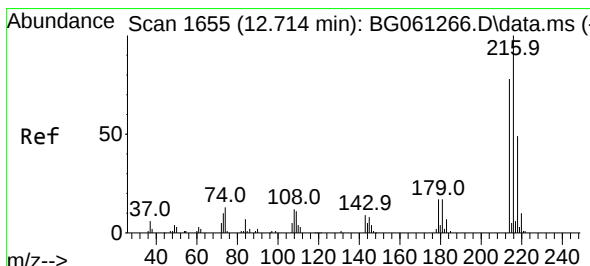
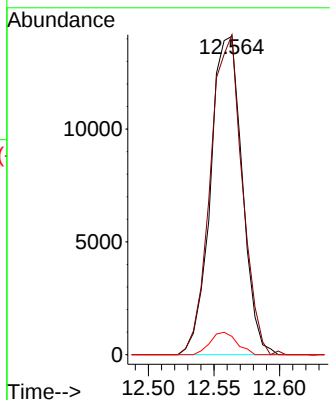
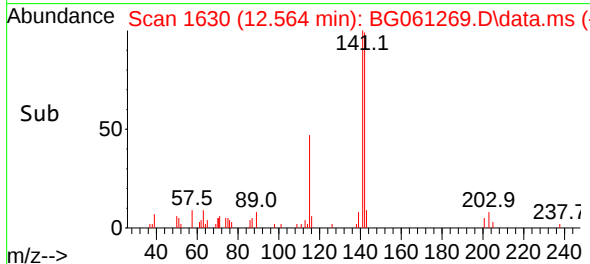
Tgt Ion:142 Resp: 2366
Ion Ratio Lower Upper
142 100
141 100.5 75.5 113.3
116 5.7 4.0 6.0

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Reviewed By :Yogesh
Patel

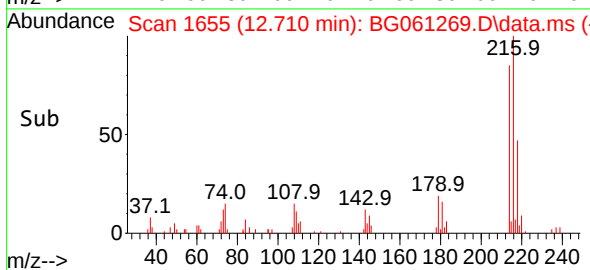
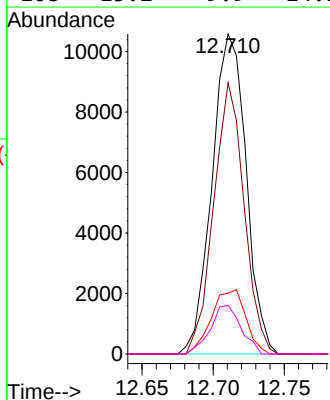
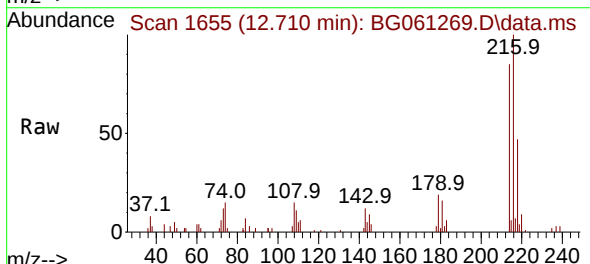
05/24/2024
Supervised By :mohammad
ahmed

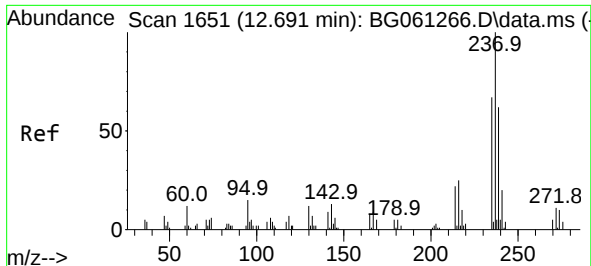
05/25/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.904 ng/ul
RT: 12.710 min Scan# 1655
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

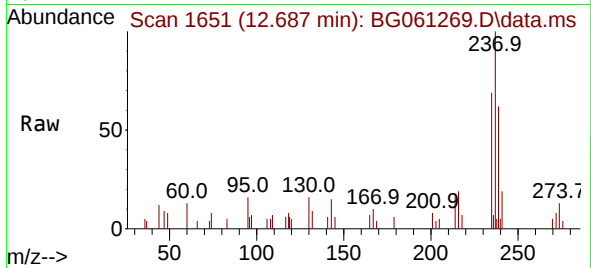
Tgt Ion:216 Resp: 17643
Ion Ratio Lower Upper
216 100
214 84.7 64.5 96.7
179 19.0 16.0 24.0
108 15.2 9.9 14.9#





#40
Hexachlorocyclopentadiene
Concen: 4.078 ng/ul
RT: 12.687 min Scan# 1651
Delta R.T. -0.008 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



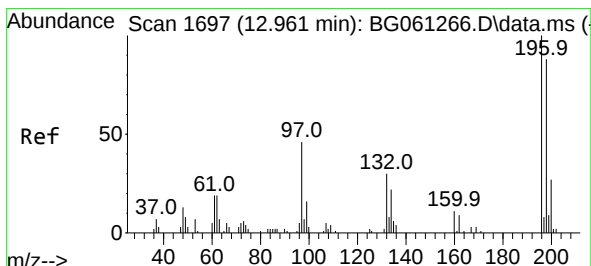
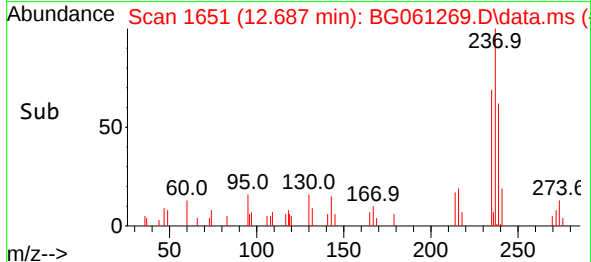
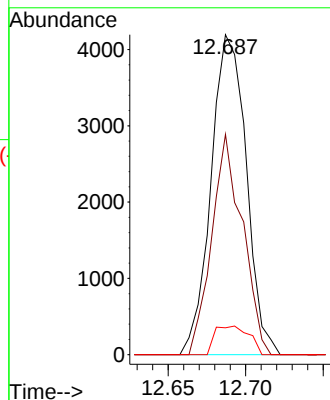
Tgt Ion:237 Resp: 662
Ion Ratio Lower Upper
237 100
235 68.8 45.4 68.2
272 8.4 11.4 17.0

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Reviewed By :Yogesh
Patel

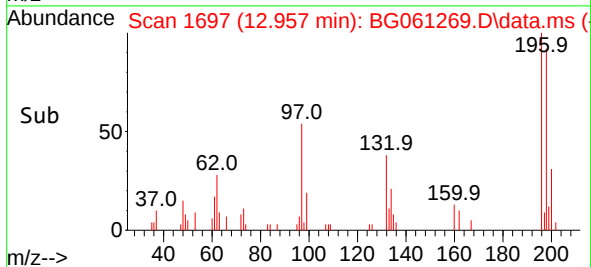
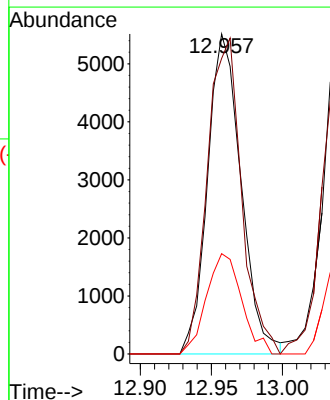
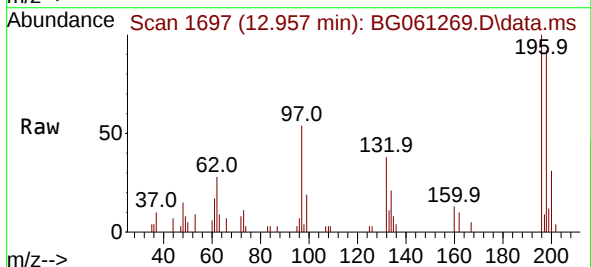
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Supervised By :mohammad
ahmed

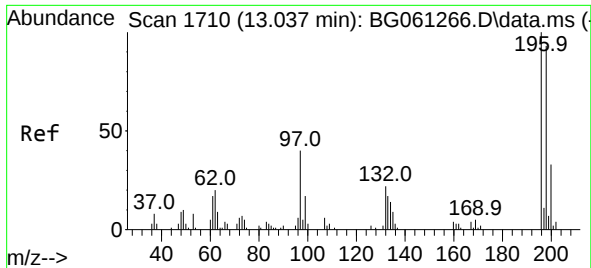
05/25/2024



#41
2,4,6-Trichlorophenol
Concen: 4.462 ng/ul
RT: 12.957 min Scan# 1697
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

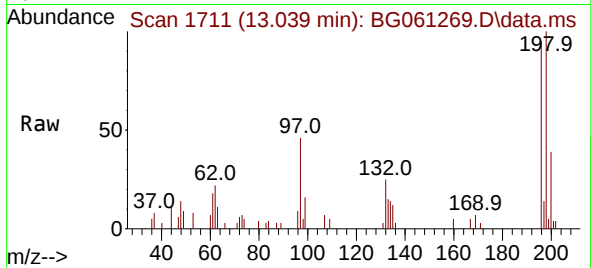
Tgt Ion:196 Resp: 9042
Ion Ratio Lower Upper
196 100
198 92.4 78.5 117.7
200 31.4 26.1 39.1





#42
2,4,5-Trichlorophenol
Concen: 4.106 ng/ul
RT: 13.039 min Scan# 1710
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



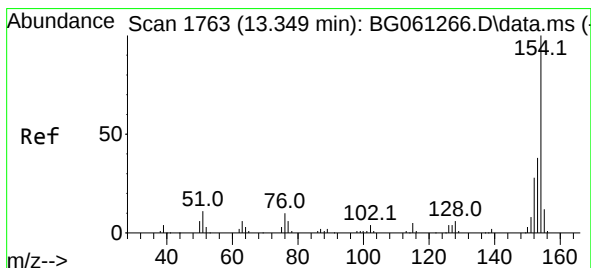
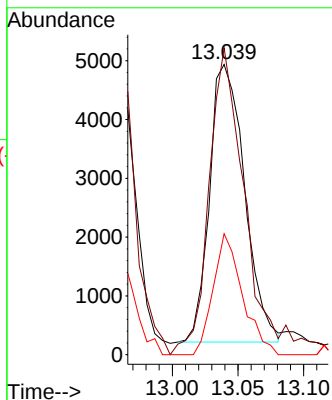
Tgt Ion:196 Resp: 876
Ion Ratio Lower Upper
196 100
198 105.7 77.4 116.2
200 41.7 21.0 31.6

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Reviewed By :Yogesh
Patel

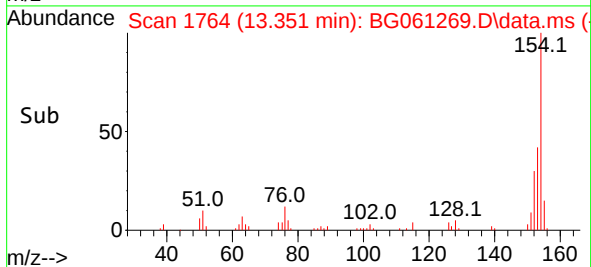
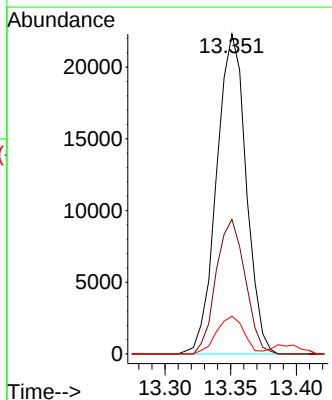
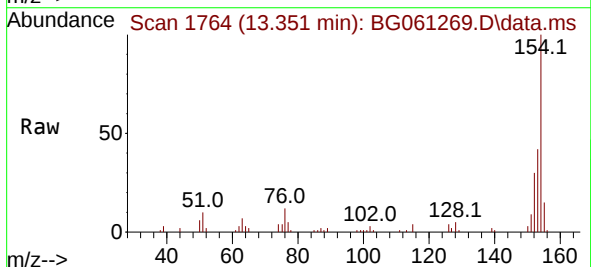
05/24/2024
Supervised By :mohammad
ahmed

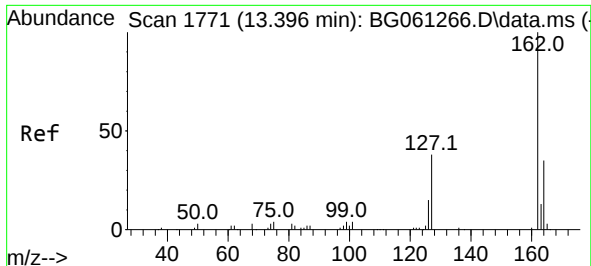
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#43
1,1'-Biphenyl
Concen: 4.965 ng/ul
RT: 13.351 min Scan# 1764
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

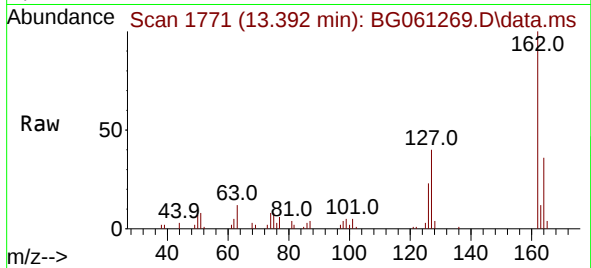
Tgt Ion:154 Resp: 34985
Ion Ratio Lower Upper
154 100
153 42.0 31.2 46.8
76 11.8 8.5 12.7





#44
2-Chloronaphthalene
Concen: 4.963 ng/ul
RT: 13.392 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2024-04



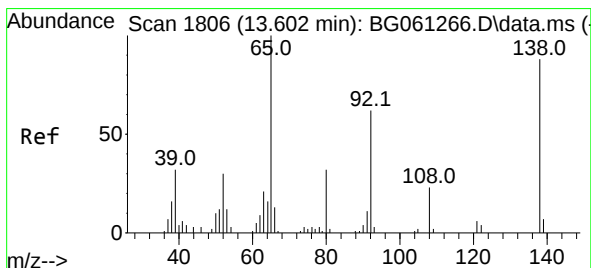
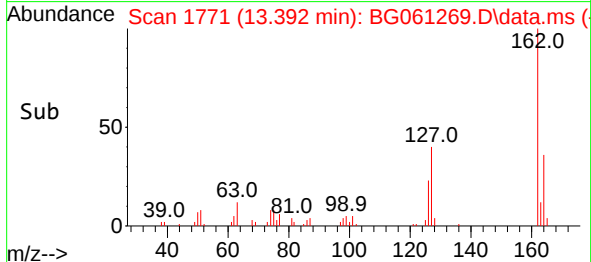
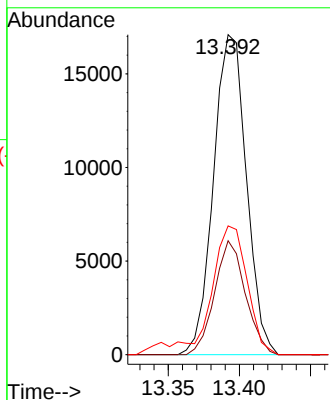
Tgt Ion:162 Resp: 27519
Ion Ratio Lower Upper
162 100
164 35.6 26.8 40.2
127 40.3 31.9 47.9

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Patel

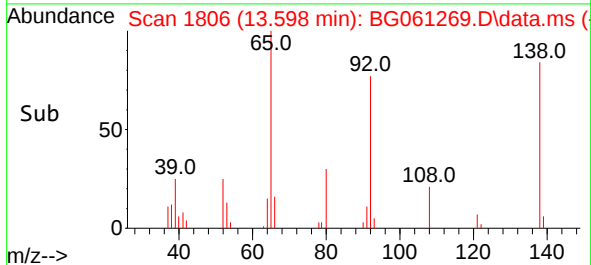
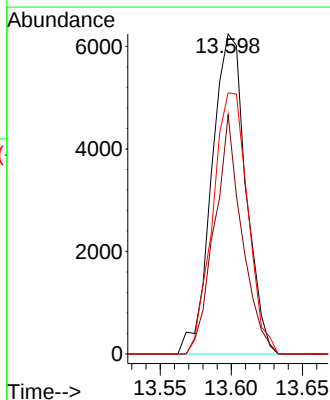
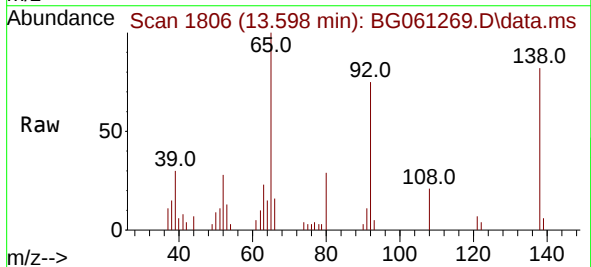
05/24/2024
Supervised By :mohammad
ahmed

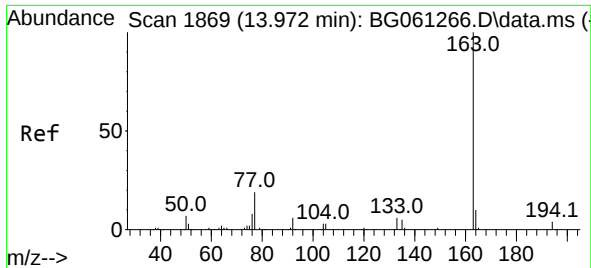
05/25/2024



#45
2-Nitroaniline
Concen: 4.554 ng/ul
RT: 13.598 min Scan# 1806
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

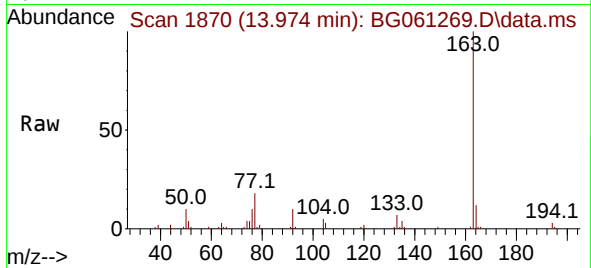
Tgt Ion: 65 Resp: 10421
Ion Ratio Lower Upper
65 100
92 74.8 46.2 69.4#
138 81.6 65.0 97.6





#47
Dimethylphthalate
Concen: 4.797 ng/ul
RT: 13.974 min Scan# 1869
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2024-04



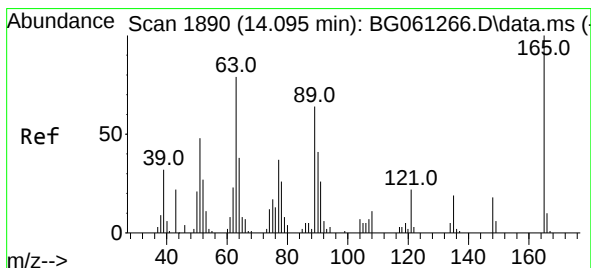
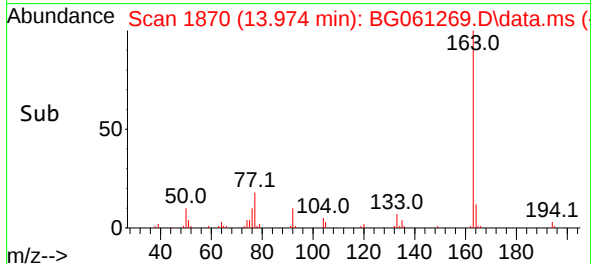
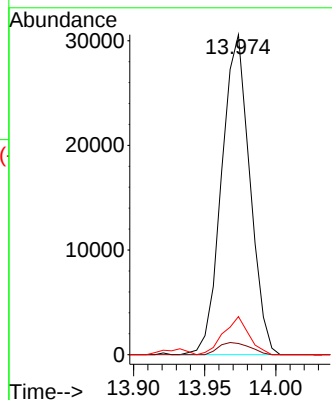
Tgt Ion:163 Resp: 42250
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 11.9 8.1 12.1

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Patel

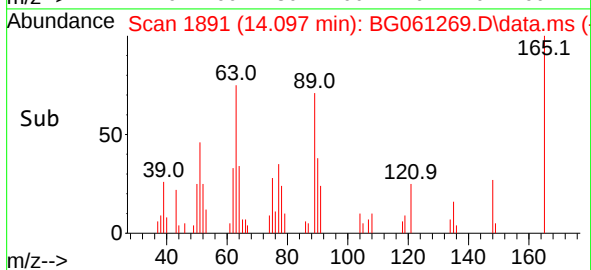
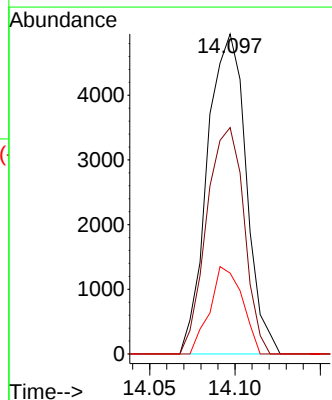
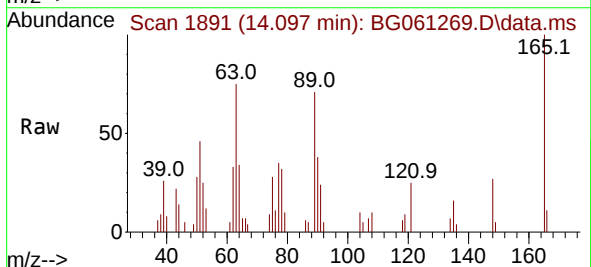
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Supervised By :mohammad
ahmed

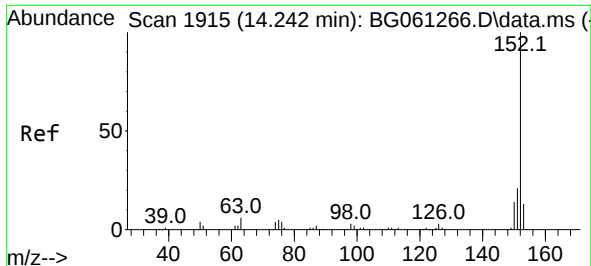
05/25/2024



#48
2,6-Dinitrotoluene
Concen: 4.521 ng/ul
RT: 14.097 min Scan# 1891
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

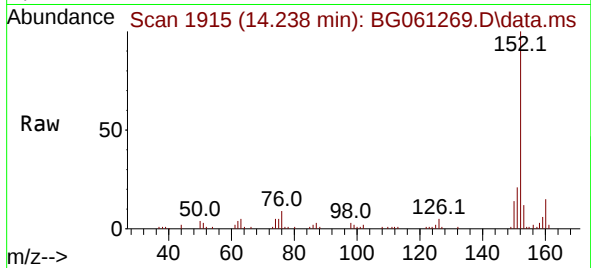
Tgt Ion:165 Resp: 7810
Ion Ratio Lower Upper
165 100
89 70.8 46.0 69.0#
121 25.2 17.9 26.9





#50
Acenaphthylene
Concen: 4.902 ng/ul
RT: 14.238 min Scan# 1915
Delta R.T. -0.008 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2024-04



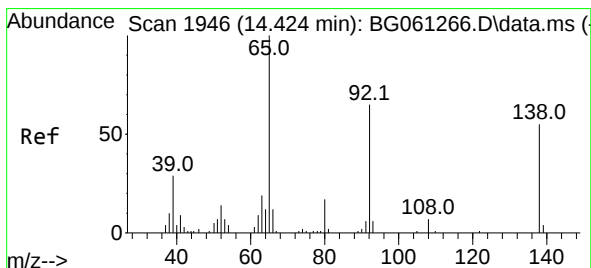
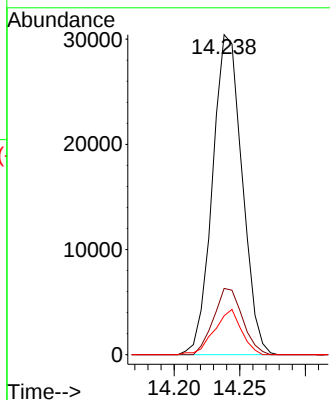
Tgt Ion:152 Resp: 47762
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 12.2 10.2 15.4

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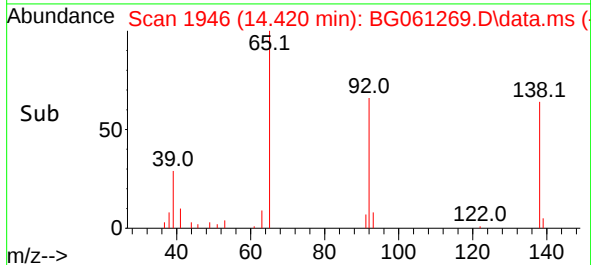
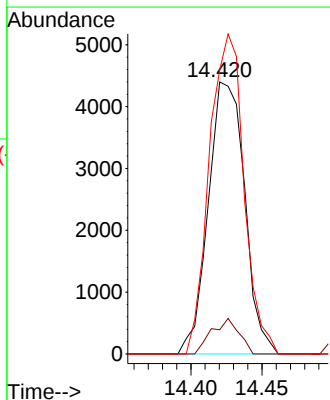
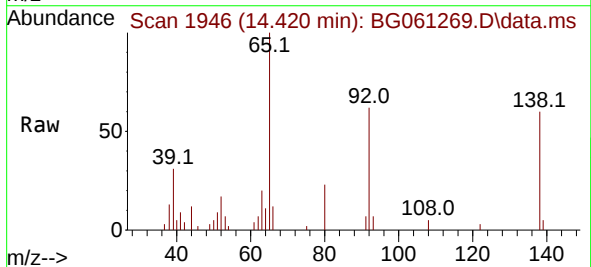
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Supervised By :mohammad
ahmed

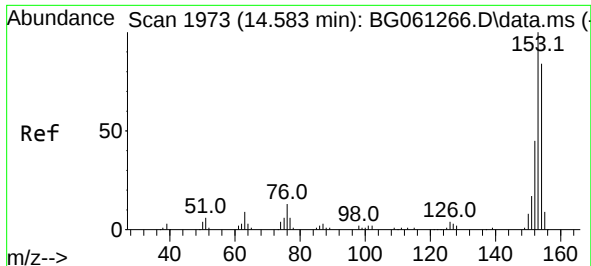
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#51
3-Nitroaniline
Concen: 5.209 ng/ul
RT: 14.420 min Scan# 1946
Delta R.T. -0.008 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

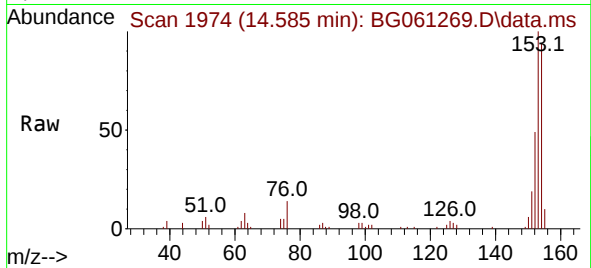
Tgt Ion:138 Resp: 7808
Ion Ratio Lower Upper
138 100
108 8.9 10.1 15.1#
92 104.2 97.6 146.4





#52
Acenaphthene
Concen: 4.841 ng/ul
RT: 14.585 min Scan# 1974
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



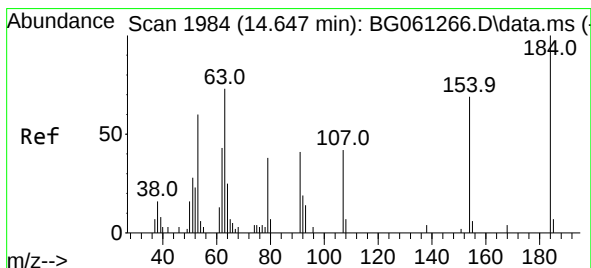
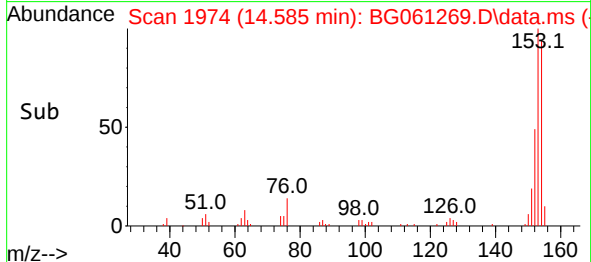
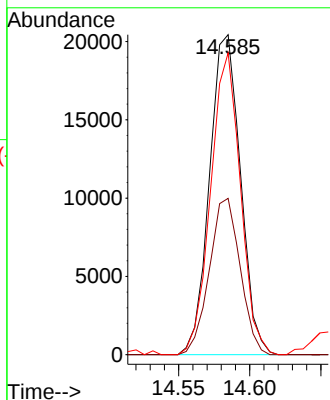
Tgt Ion:153 Resp: 3094
Ion Ratio Lower Upper
153 100
152 48.9 37.8 56.8
154 94.3 69.0 103.6

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Patel

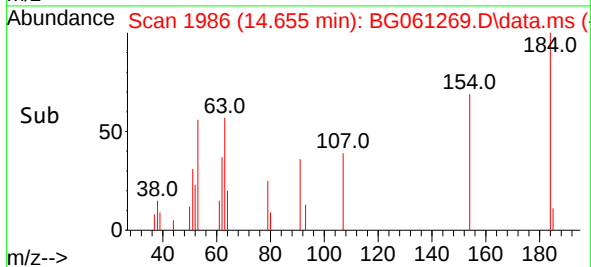
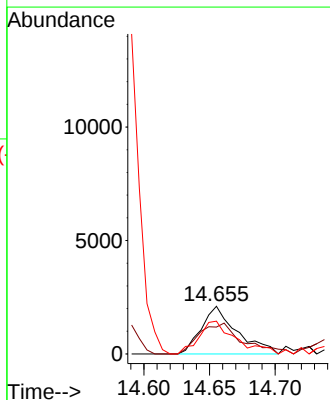
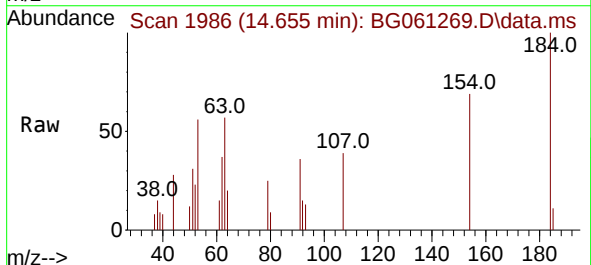
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ahmed

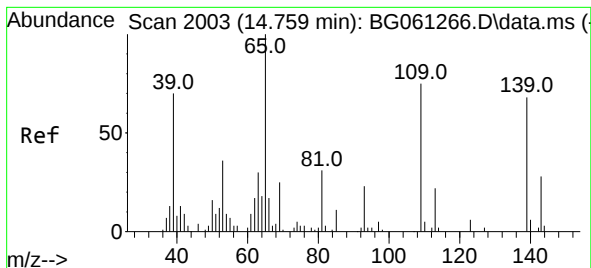
05/25/2024



#53
2,4-Dinitrophenol
Concen: 4.310 ng/ul
RT: 14.655 min Scan# 1986
Delta R.T. 0.004 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

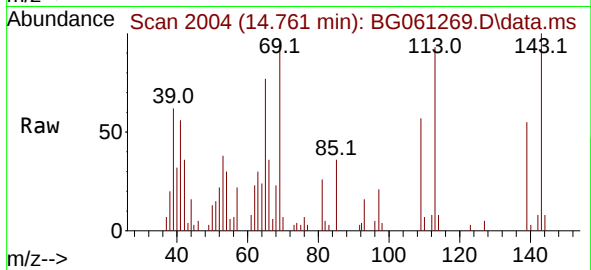
Tgt Ion:184 Resp: 3948
Ion Ratio Lower Upper
184 100
63 56.6 61.3 91.9#
154 69.0 55.0 82.4





#55
4-Nitrophenol
Concen: 4.731 ng/ul
RT: 14.761 min Scan# 2004
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2024-04



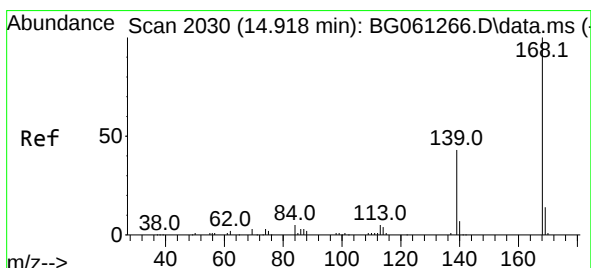
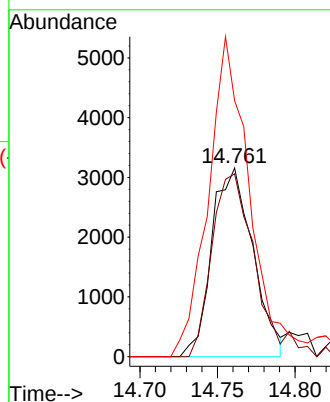
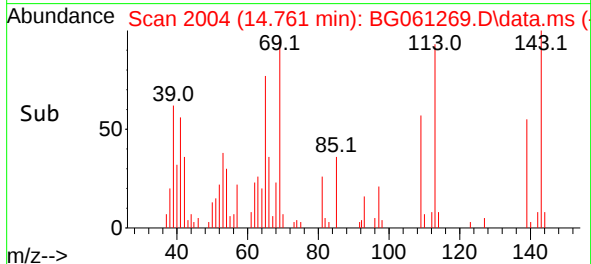
Tgt Ion:109 Resp: 581
Ion Ratio Lower Upper
109 100
139 96.9 74.9 112.3
65 135.7 104.0 156.0

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Patel

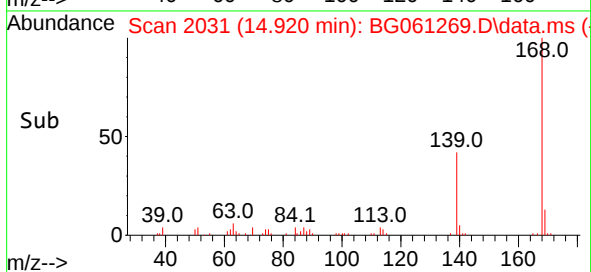
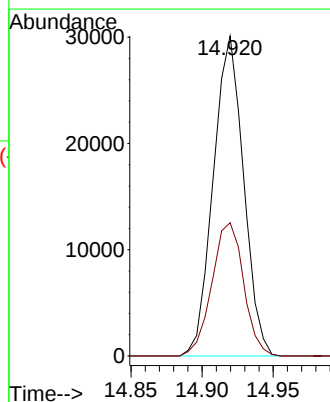
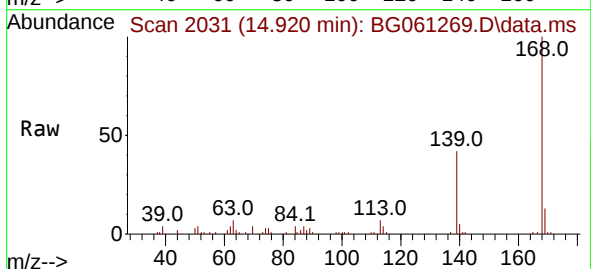
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Supervised By :mohammad
ahmed

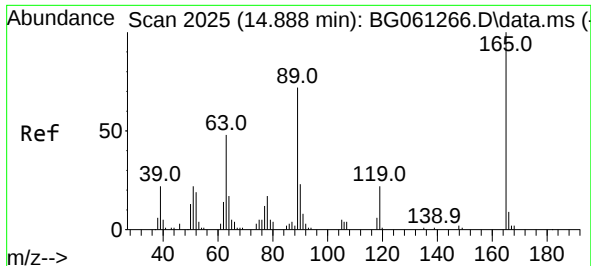
05/25/2024



#56
Dibenzofuran
Concen: 4.880 ng/ul
RT: 14.920 min Scan# 2031
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

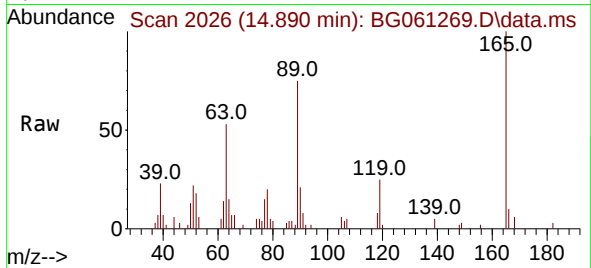
Tgt Ion:168 Resp: 44596
Ion Ratio Lower Upper
168 100
139 41.6 33.4 50.2





#57
2,4-Dinitrotoluene
Concen: 4.910 ng/ul
RT: 14.890 min Scan# 2025
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



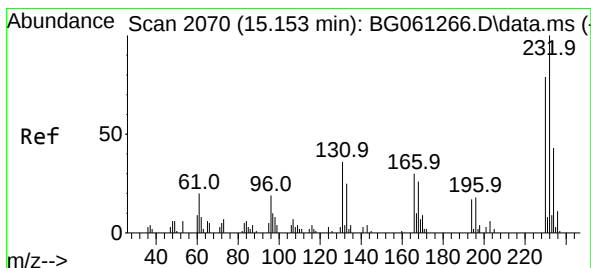
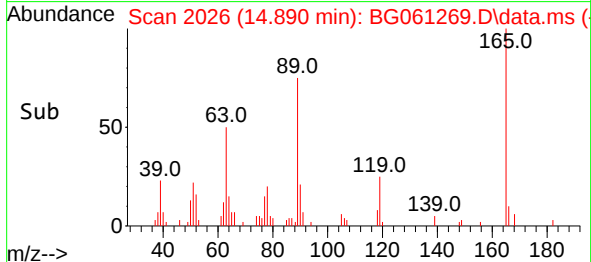
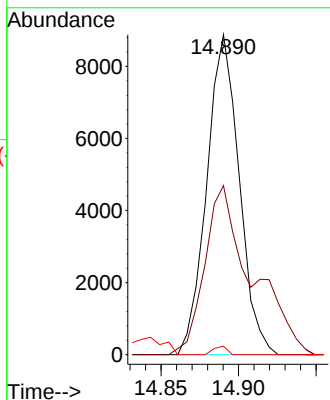
Tgt Ion:165 Resp: 12904
Ion Ratio Lower Upper
165 100
63 52.9 43.4 65.2
182 2.7 2.0 3.0

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Reviewed By :Yogesh
Patel

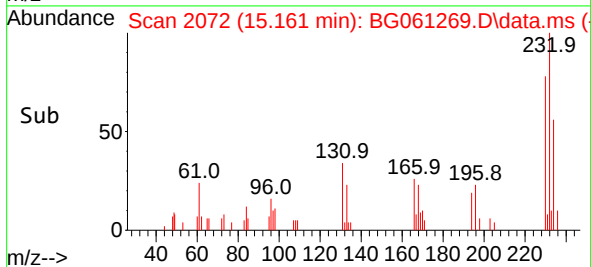
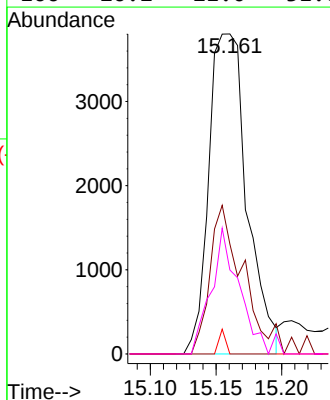
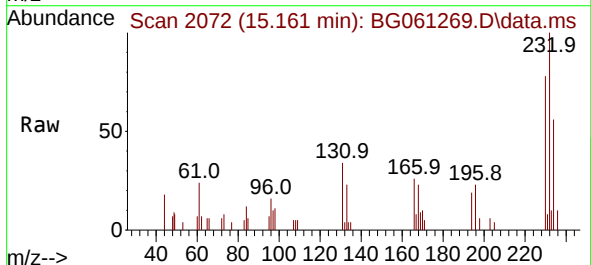
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Supervised By :mohammad
ahmed

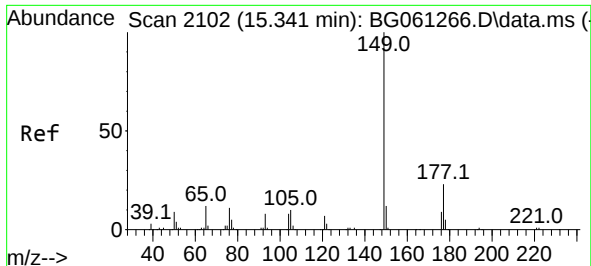
05/25/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.954 ng/ul m
RT: 15.161 min Scan# 2072
Delta R.T. 0.004 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

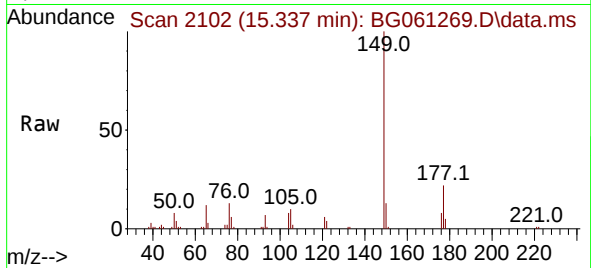
Tgt Ion:232 Resp: 7696
Ion Ratio Lower Upper
232 100
131 34.3 30.2 45.2
130 0.0 1.8 2.6#
166 26.2 21.0 31.6





#59
Diethylphthalate
Concen: 4.955 ng/ul
RT: 15.337 min Scan# 2102
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



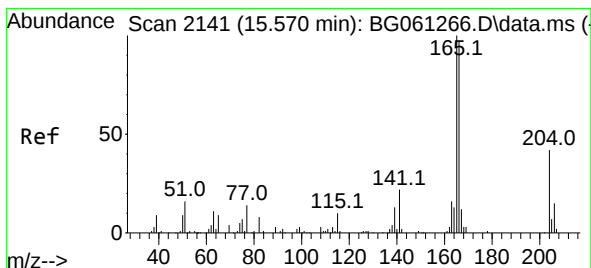
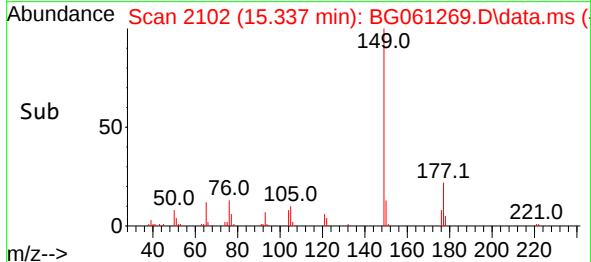
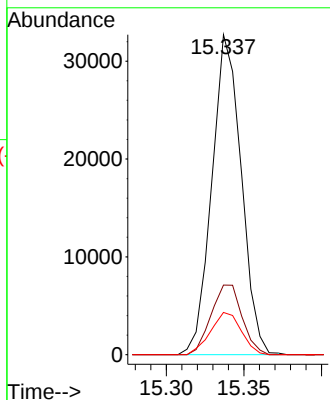
Tgt Ion:149 Resp: 4310
Ion Ratio Lower Upper
149 100
177 21.7 19.1 28.7
150 13.2 11.0 16.4

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Reviewed By :Yogesh
Patel

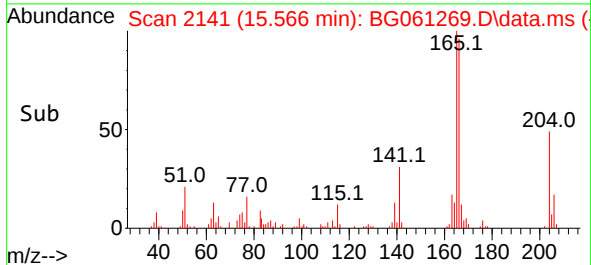
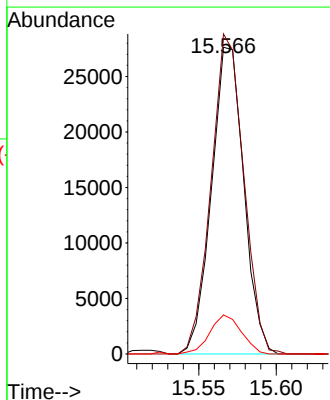
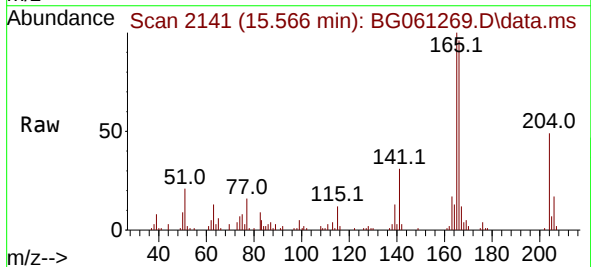
05/24/2024
Supervised By :mohammad
ahmed

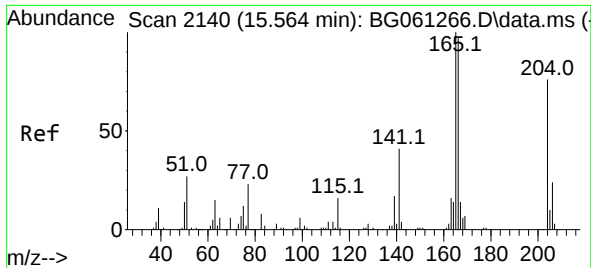
05/25/2024



#61
Fluorene
Concen: 5.057 ng/ul
RT: 15.566 min Scan# 2141
Delta R.T. -0.008 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

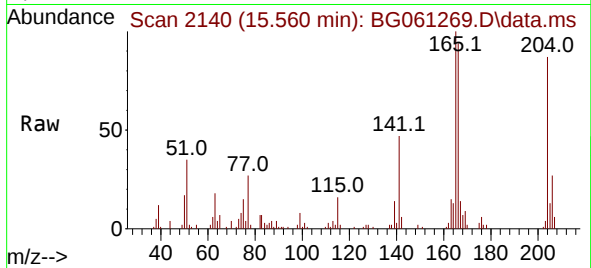
Tgt Ion:166 Resp: 39979
Ion Ratio Lower Upper
166 100
165 104.3 81.8 122.8
167 12.7 10.6 16.0





#62
4-Chlorophenyl-phenylether
Concen: 4.913 ng/ul
RT: 15.560 min Scan# 2140
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



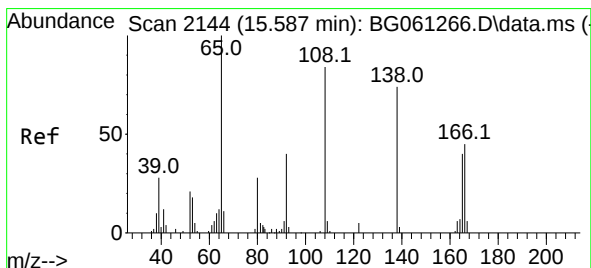
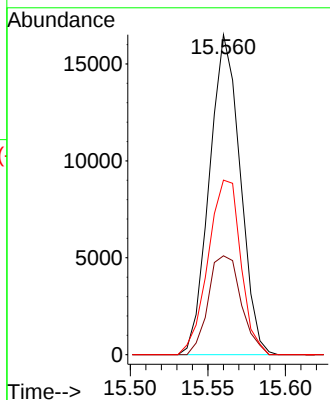
Tgt Ion:204 Resp: 2278
Ion Ratio Lower Upper
204 100
206 30.9 26.3 39.5
141 54.5 43.0 64.6

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Patel

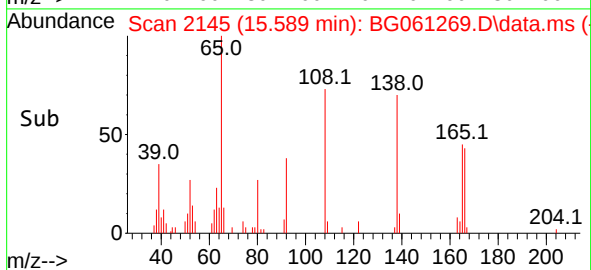
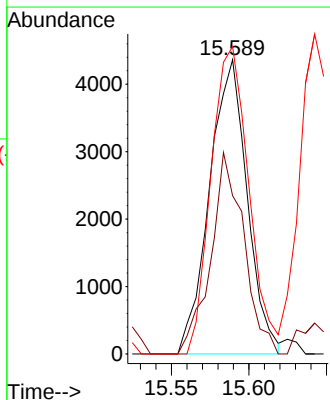
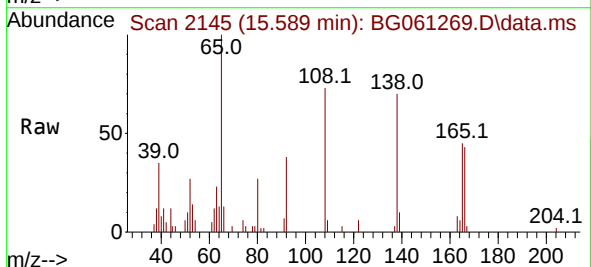
05/24/2024
Supervised By :mohammad
ahmed

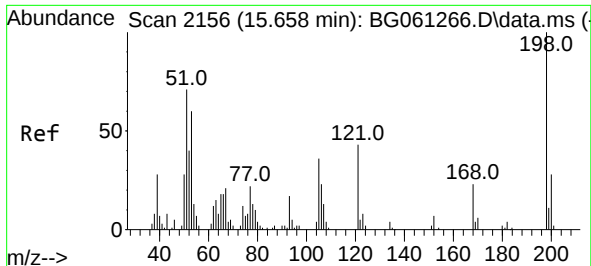
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#63
4-Nitroaniline
Concen: 4.722 ng/ul
RT: 15.589 min Scan# 2145
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

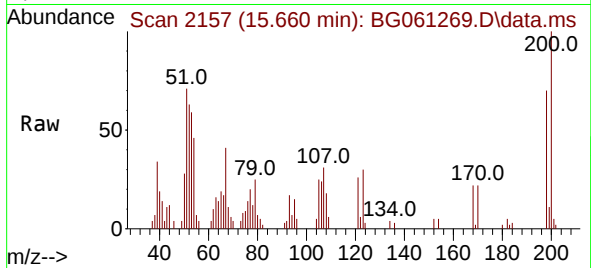
Tgt Ion:138 Resp: 7373
Ion Ratio Lower Upper
138 100
92 53.8 48.6 73.0
108 104.5 95.5 143.3





#66
4,6-Dinitro-2-methylphenol
Concen: 4.600 ng/ul
RT: 15.660 min Scan# 2156
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



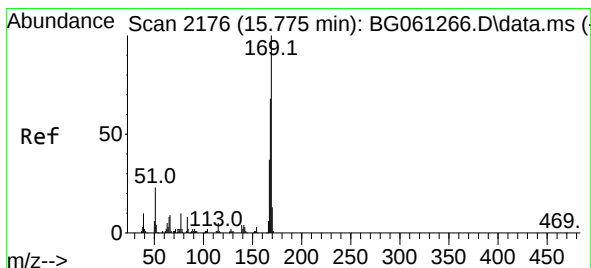
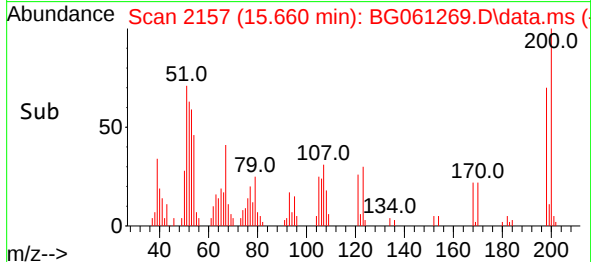
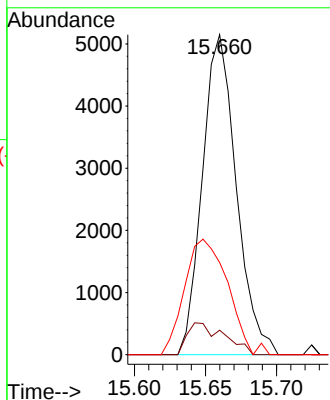
Tgt Ion:198 Resp: 8541
Ion Ratio Lower Upper
198 100
182 7.7 2.9 4.3
77 28.8 22.3 33.5

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Patel

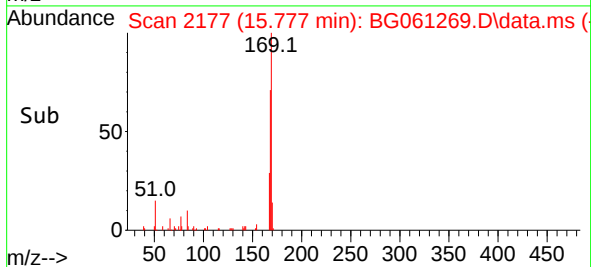
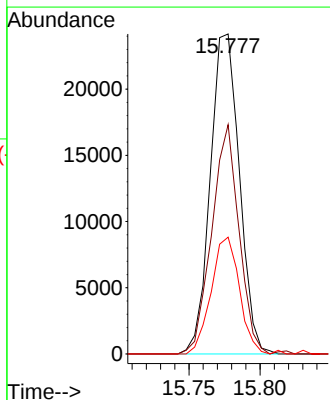
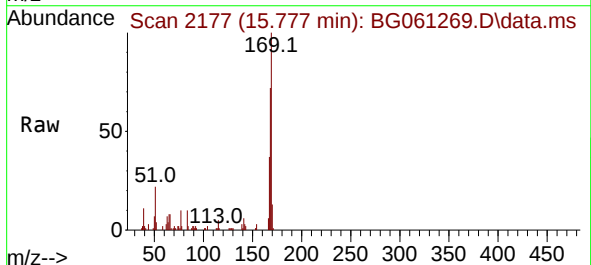
05/24/2024
Supervised By :mohammad
ahmed

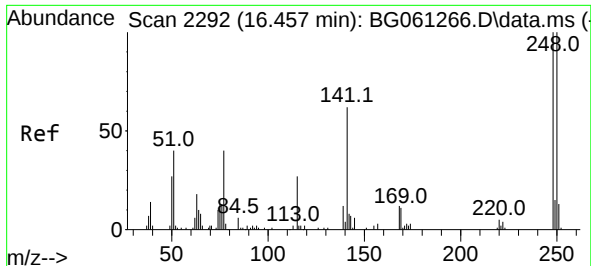
05/25/2024



#67
N-Nitrosodiphenylamine
Concen: 4.677 ng/ul
RT: 15.777 min Scan# 2177
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

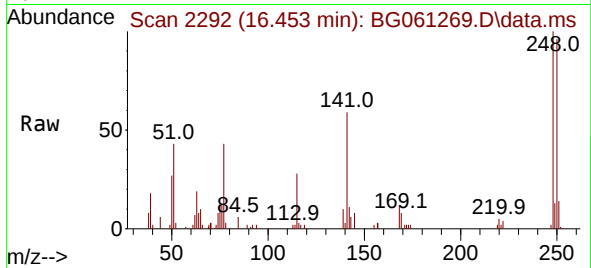
Tgt Ion:169 Resp: 34441
Ion Ratio Lower Upper
169 100
168 71.6 51.9 77.9
167 36.5 29.4 44.2





#68
4-Bromophenyl-phenylether
Concen: 4.744 ng/ul
RT: 16.453 min Scan# 211
Delta R.T. -0.008 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



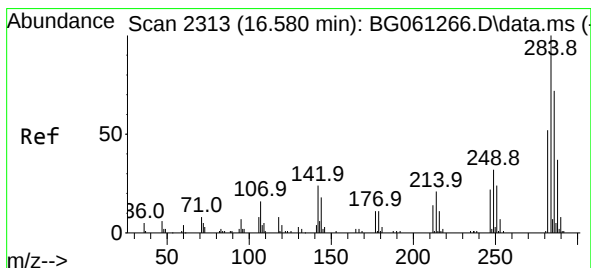
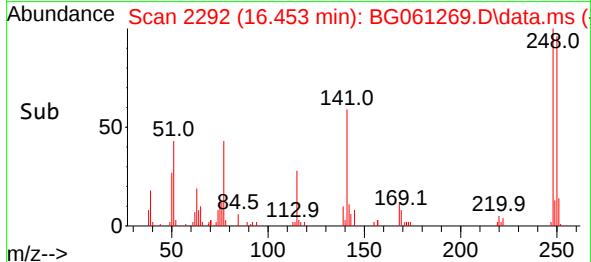
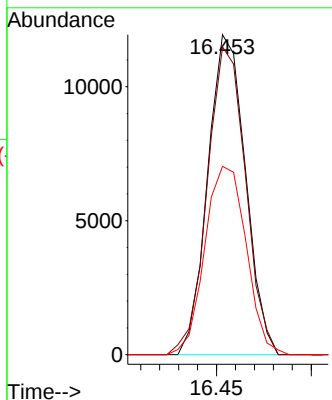
Tgt Ion:248 Resp: 16469
Ion Ratio Lower Upper
248 100
250 96.2 79.4 119.2
141 58.9 50.2 75.4

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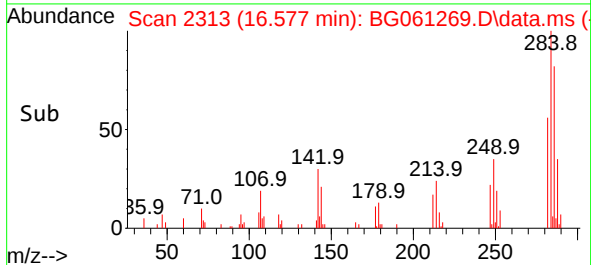
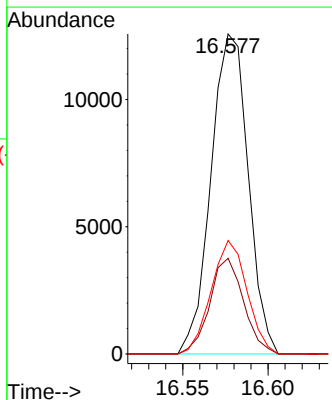
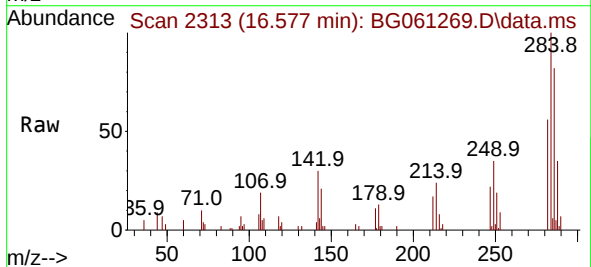
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Supervised By :mohammad
ahmed

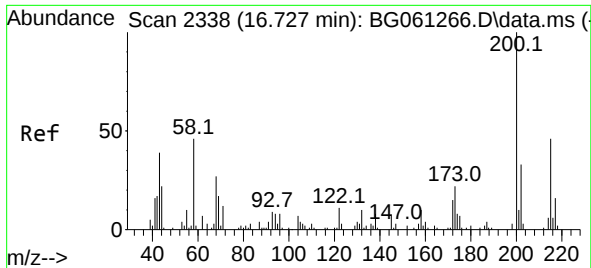
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#69
Hexachlorobenzene
Concen: 4.939 ng/ul
RT: 16.577 min Scan# 2313
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

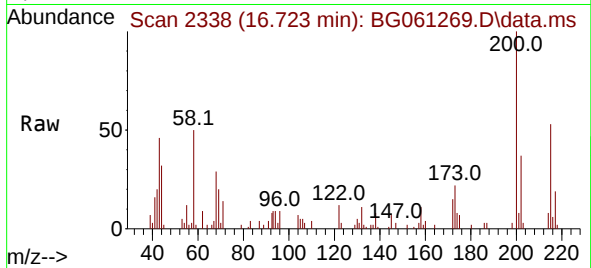
Tgt Ion:284 Resp: 19058
Ion Ratio Lower Upper
284 100
142 29.9 21.2 31.8
249 35.5 28.7 43.1





#70
Atrazine
Concen: 5.636 ng/ul
RT: 16.723 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



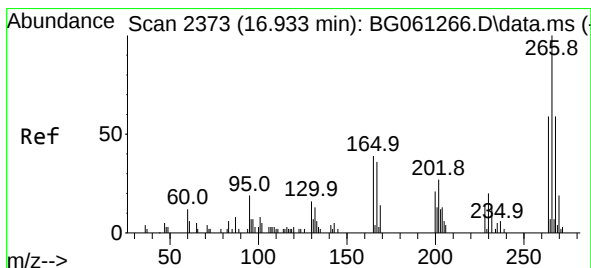
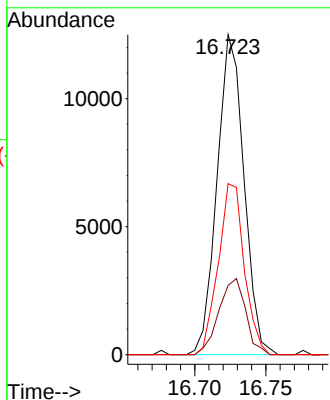
Tgt Ion:200 Resp: 16424
Ion Ratio Lower Upper
200 100
173 21.7 15.9 23.9
215 53.4 37.3 55.9

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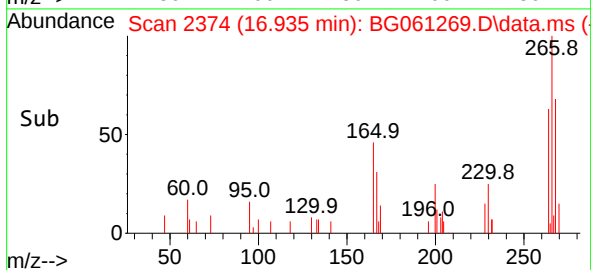
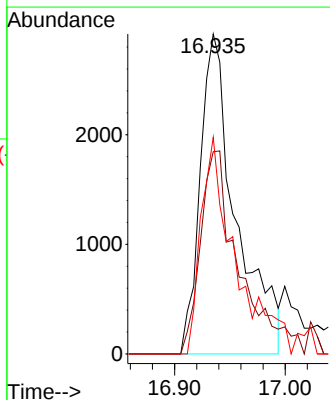
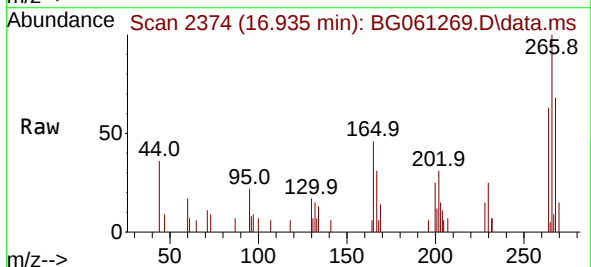
05/24/2024
Supervised By :mohammad
ahmed

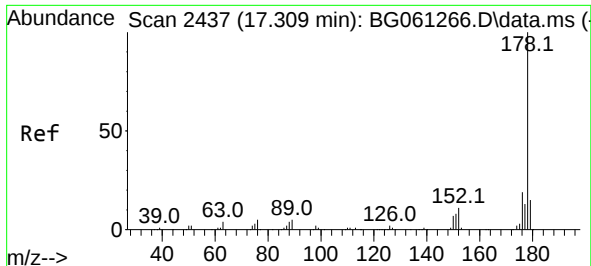
05/25/2024



#71
Pentachlorophenol
Concen: 4.900 ng/ul m
RT: 16.935 min Scan# 2374
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

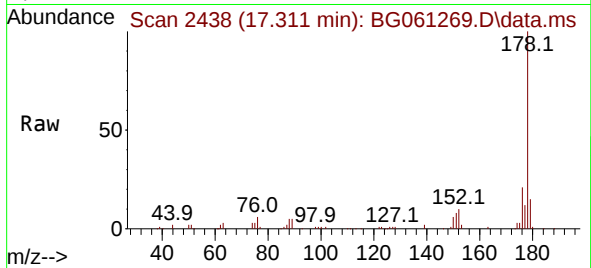
Tgt Ion:266 Resp: 6581
Ion Ratio Lower Upper
266 100
264 63.2 41.9 62.9#
268 67.7 52.6 79.0





#72
Phenanthrene
Concen: 4.874 ng/ul
RT: 17.311 min Scan# 2438
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



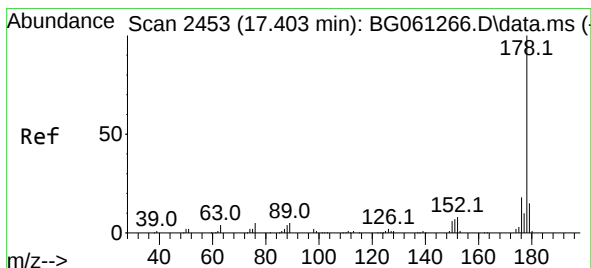
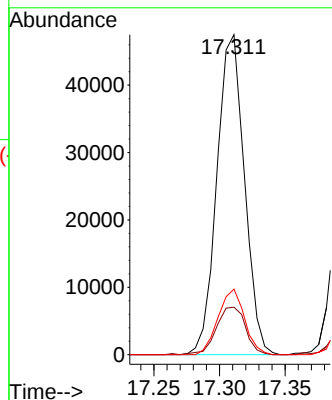
Tgt Ion:178 Resp: 69309
Ion Ratio Lower Upper
178 100
179 14.8 12.7 19.1
176 20.5 15.5 23.3

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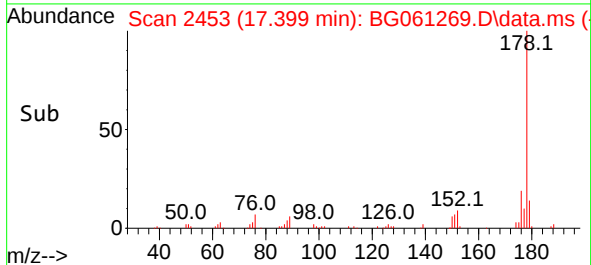
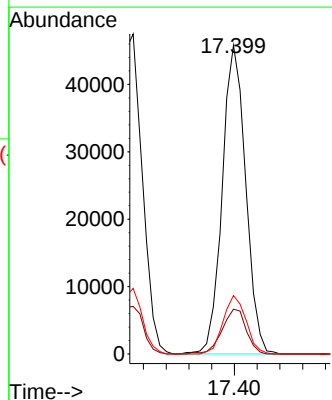
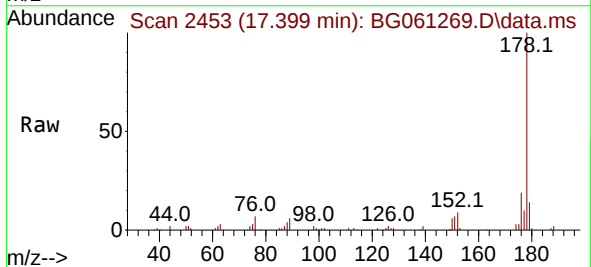
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ahmed

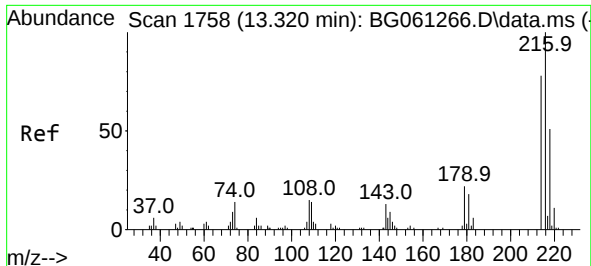
05/25/2024



#74
Anthracene
Concen: 4.464 ng/ul
RT: 17.399 min Scan# 2453
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

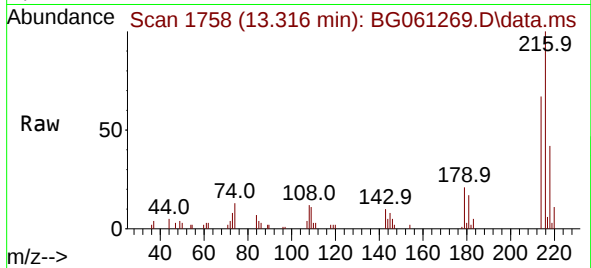
Tgt Ion:178 Resp: 65632
Ion Ratio Lower Upper
178 100
179 14.5 11.8 17.6
176 18.9 14.9 22.3





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.561 ng/uL
RT: 13.316 min Scan# 1764
Delta R.T. -0.008 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



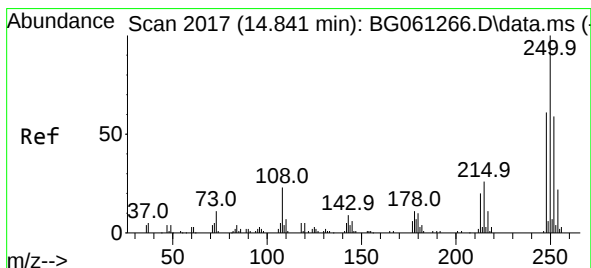
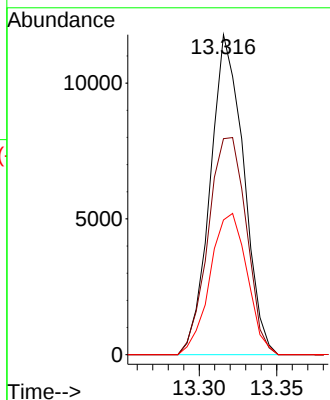
Tgt Ion:216 Resp: 17664
Ion Ratio Lower Upper
216 100
214 67.5 60.0 90.0
218 42.1 38.5 57.7

Manual Integrations
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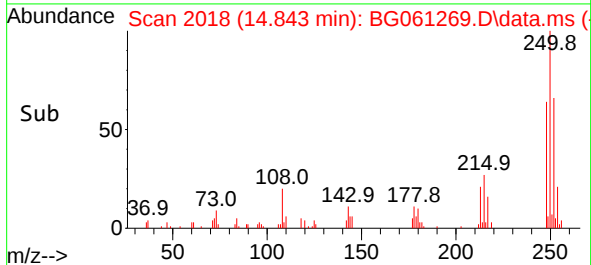
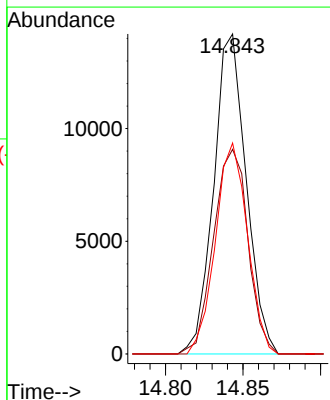
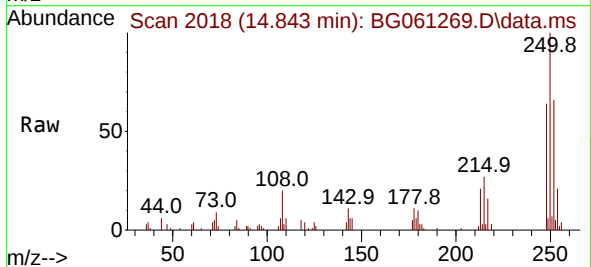
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Supervised By :mohammad
ahmed

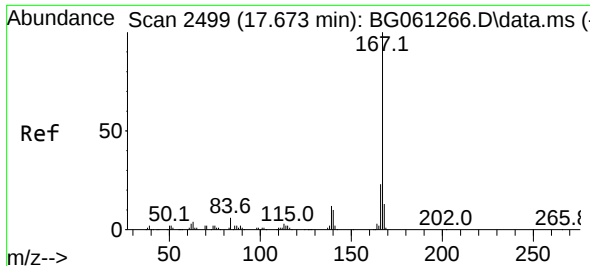
05/25/2024



#76
Pentachlorobenzene
Concen: 4.827 ng/uL
RT: 14.843 min Scan# 2018
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

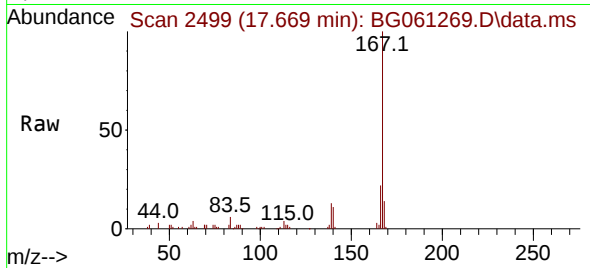
Tgt Ion:250 Resp: 20671
Ion Ratio Lower Upper
250 100
248 70.0 52.6 79.0
252 70.5 54.7 82.1





#77
 Carbazole
 Concen: 4.955 ng/ul
 RT: 17.669 min Scan# 2499
 Delta R.T. -0.008 min
 Lab File: BG061269.D
 Acq: 23 May 2024 12:32

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT2-2024-04



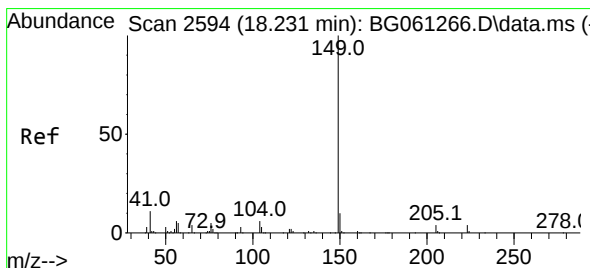
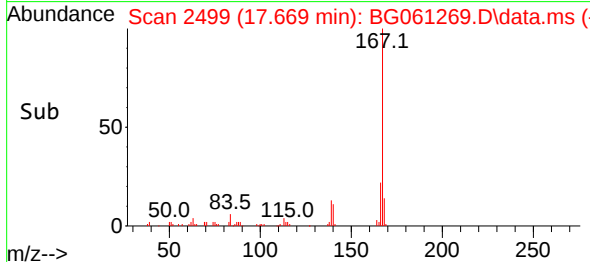
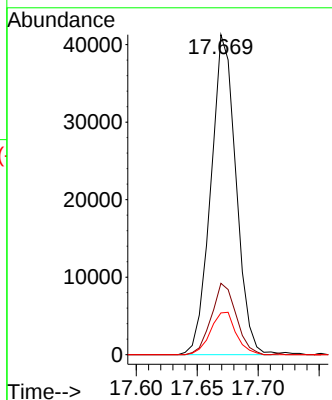
Tgt Ion:167 Resp: 5925
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.6 28.0
 139 13.1 10.6 15.8

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 Patel

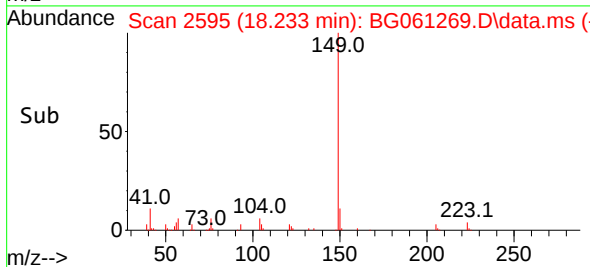
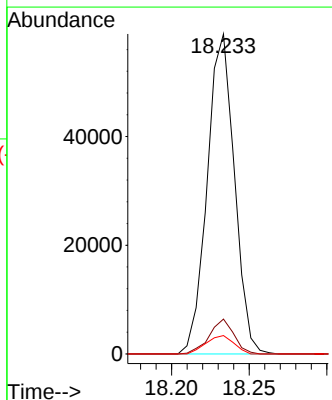
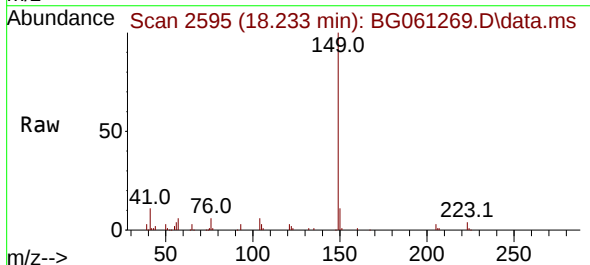
05/24/2024
 Supervised By :mohammad
 ahmed

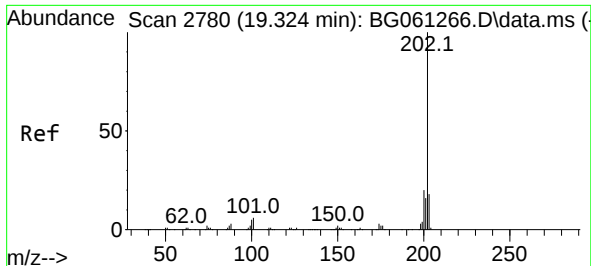
05/25/2024



#78
 Di-n-butylphthalate
 Concen: 4.797 ng/ul
 RT: 18.233 min Scan# 2595
 Delta R.T. -0.002 min
 Lab File: BG061269.D
 Acq: 23 May 2024 12:32

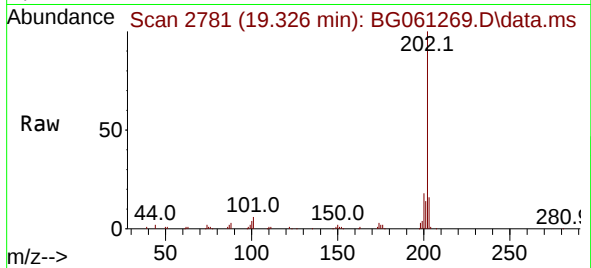
Tgt Ion:149 Resp: 71890
 Ion Ratio Lower Upper
 149 100
 150 10.9 7.8 11.8
 104 5.8 4.8 7.2





#80
Fluoranthene
Concen: 5.048 ng/ul
RT: 19.326 min Scan# 2780
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



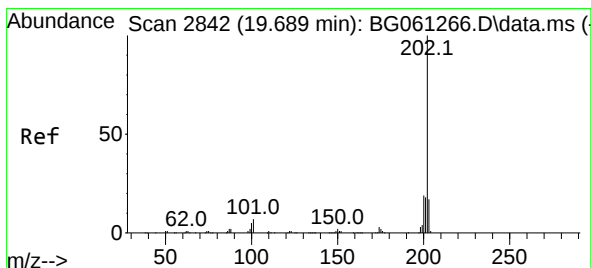
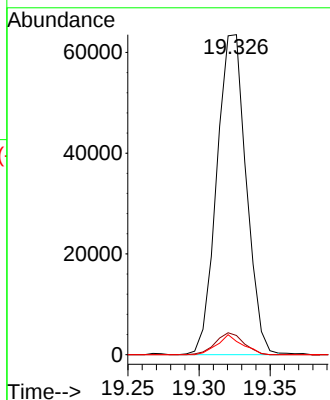
Tgt Ion:202 Resp: 91469
Ion Ratio Lower Upper
202 100
101 6.0 4.8 7.2
100 4.2 4.1 6.1

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Reviewed By :Yogesh
Patel

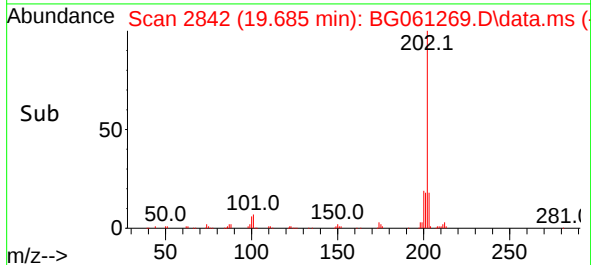
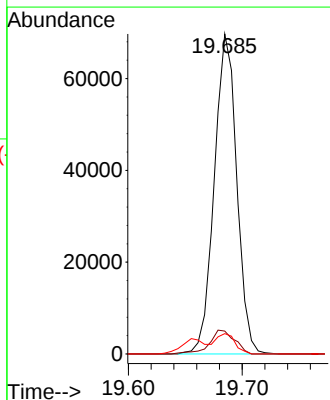
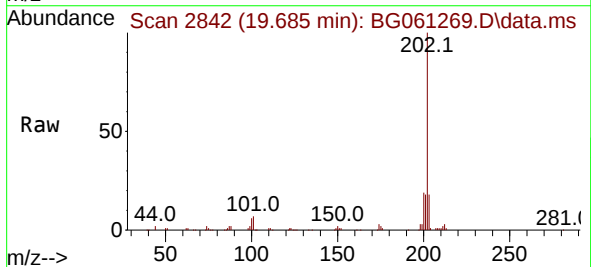
05/24/2024
Supervised By :mohammad
ahmed

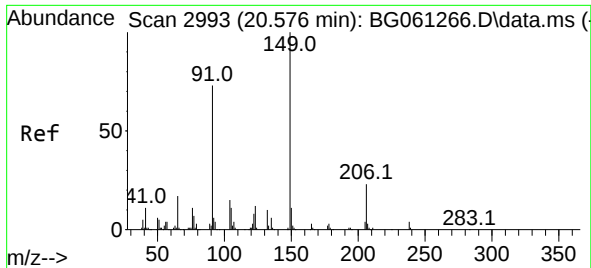
05/25/2024



#82
Pyrene
Concen: 5.084 ng/ul
RT: 19.685 min Scan# 2842
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

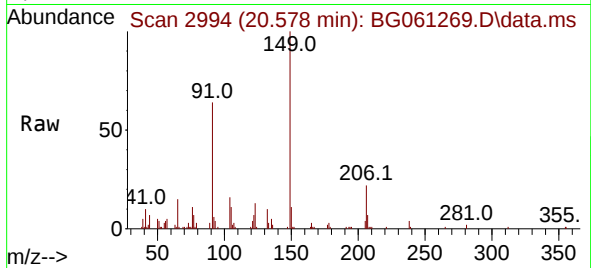
Tgt Ion:202 Resp: 95623
Ion Ratio Lower Upper
202 100
101 7.2 5.7 8.5
100 6.3 5.1 7.7





#83
Butylbenzylphthalate
Concen: 4.835 ng/ul
RT: 20.578 min Scan# 2993
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



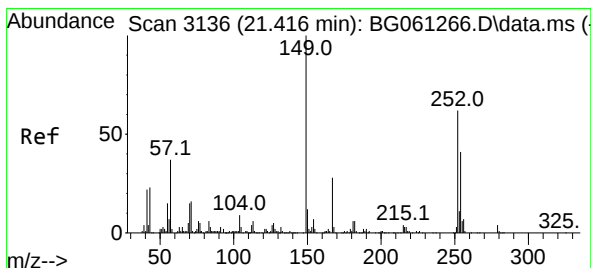
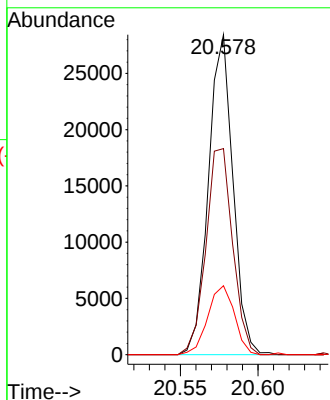
Tgt Ion:149 Resp: 3124
Ion Ratio Lower Upper
149 100
91 64.4 54.8 82.2
206 21.5 19.4 29.0

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Reviewed By :Yogesh
Patel

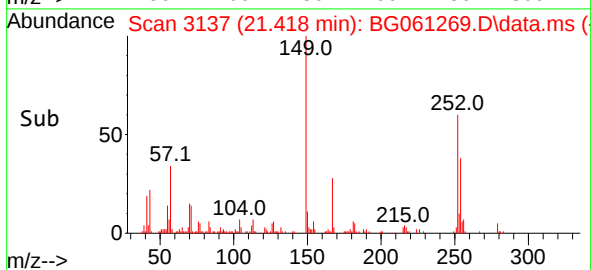
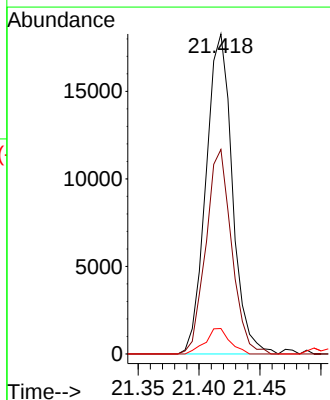
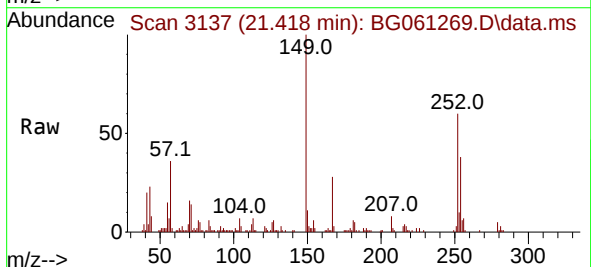
05/24/2024
Supervised By :mohammad
ahmed

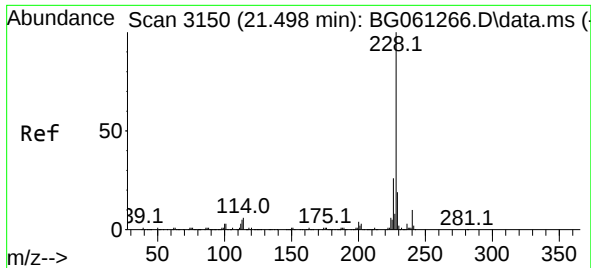
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#84
3,3'-Dichlorobenzidine
Concen: 4.408 ng/ul
RT: 21.418 min Scan# 3137
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

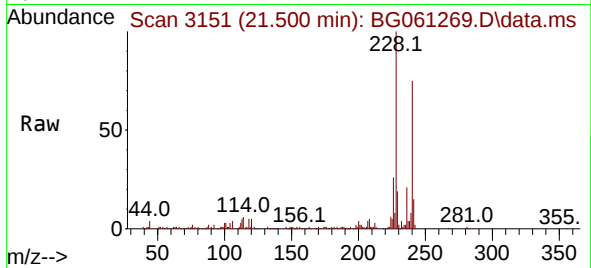
Tgt Ion:252 Resp: 27528
Ion Ratio Lower Upper
252 100
254 63.9 52.7 79.1
126 8.0 5.0 7.6#





#85
Benzo(a)anthracene
Concen: 4.857 ng/ul
RT: 21.500 min Scan# 3150
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2024-04



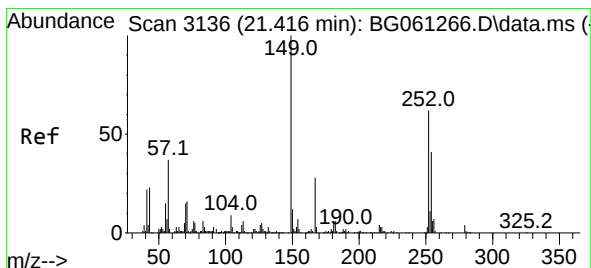
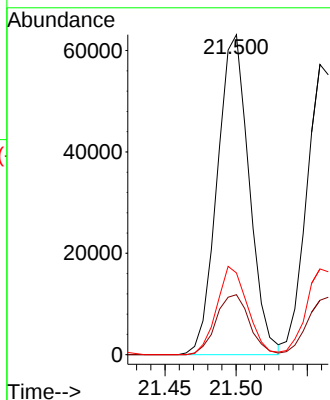
Tgt Ion:228 Resp: 98600
Ion Ratio Lower Upper
228 100
229 18.8 15.2 22.8
226 25.6 21.4 32.2

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Reviewed By :Yogesh
Patel

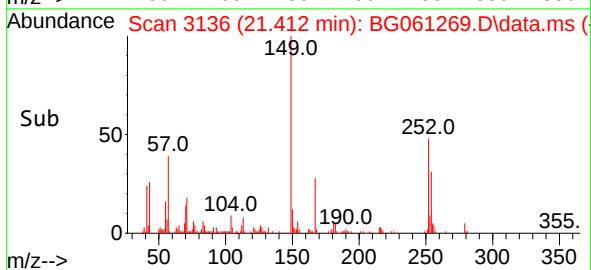
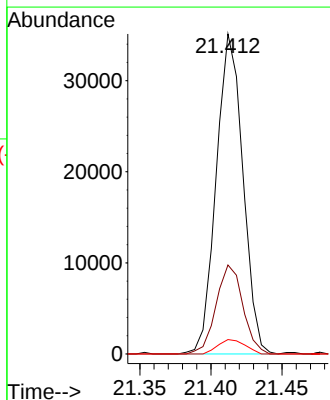
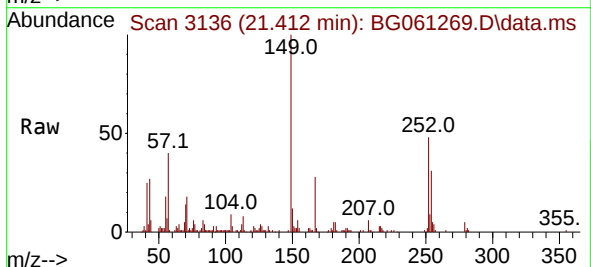
05/24/2024
Supervised By :mohammad
ahmed

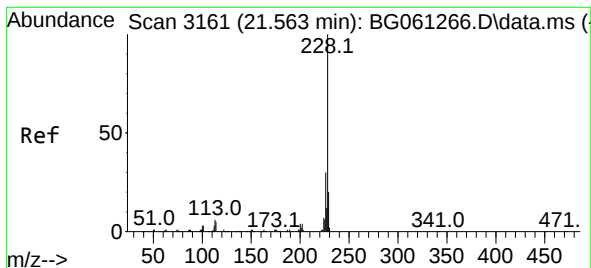
05/25/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.786 ng/ul
RT: 21.412 min Scan# 3136
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Tgt Ion:149 Resp: 45773
Ion Ratio Lower Upper
149 100
167 27.8 21.1 31.7
279 4.5 3.3 4.9





#87

Chrysene

Concen: 4.872 ng/ul

RT: 21.559 min Scan# 3161

Delta R.T. -0.008 min

Lab File: BG061269.D

Acq: 23 May 2024 12:32

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT2-2024-04

Tgt Ion:228	Resp: 9107
Ion Ratio	Lower Upper
228 100	
226 29.6	23.4 35.0
229 18.8	15.4 23.2

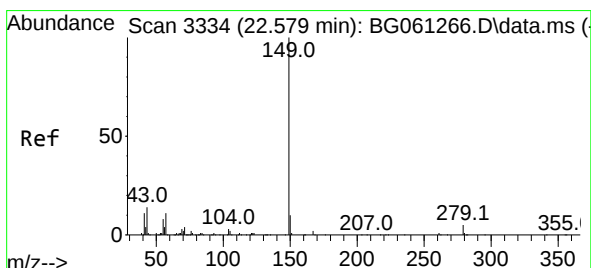
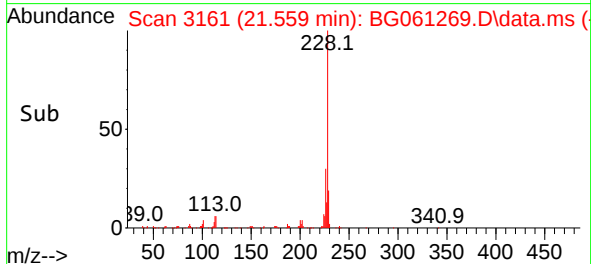
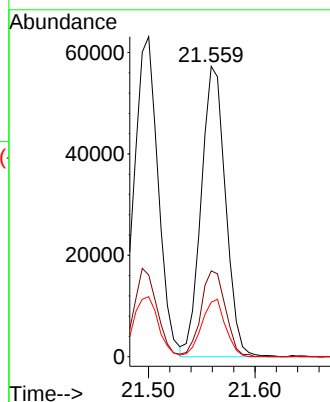
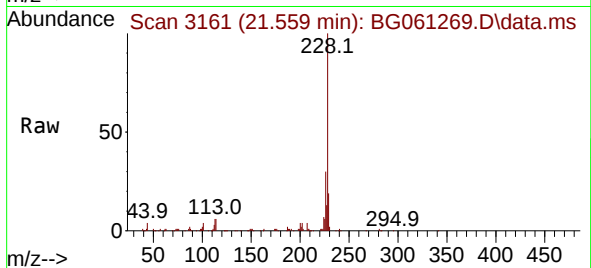
Manual Integrations
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Reviewed By :Yogesh
Patel

05/24/2024

Supervised By :mohammad
ahmed

05/25/2024



#89

Di-n-octyl phthalate

Concen: 5.326 ng/ul

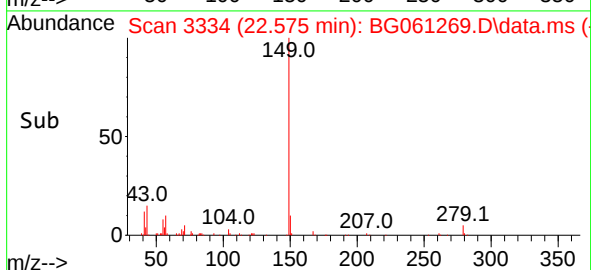
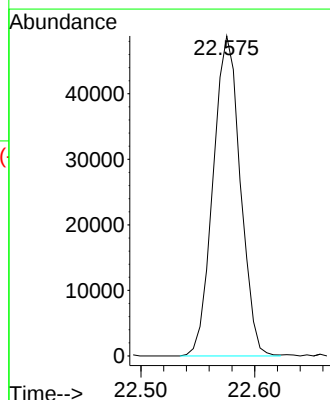
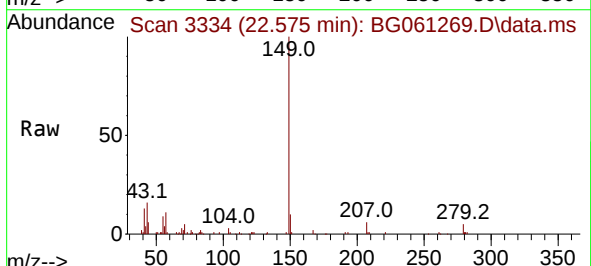
RT: 22.575 min Scan# 3334

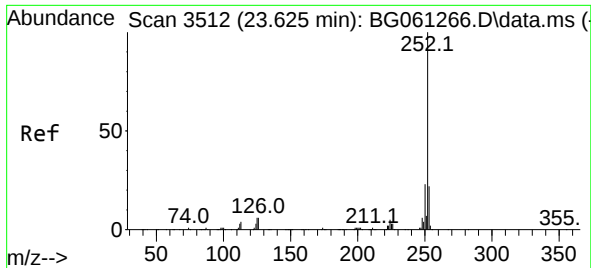
Delta R.T. -0.002 min

Lab File: BG061269.D

Acq: 23 May 2024 12:32

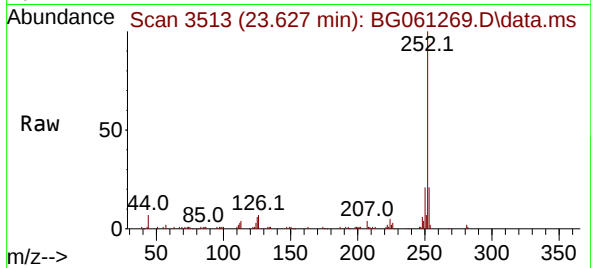
Tgt Ion:149 Resp: 81344





#90
Benzo(b)fluoranthene
Concen: 5.369 ng/ul
RT: 23.627 min Scan# 3512
Delta R.T. -0.002 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



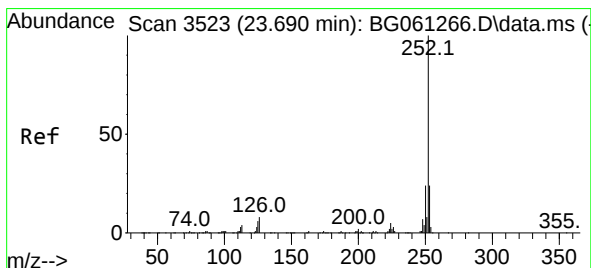
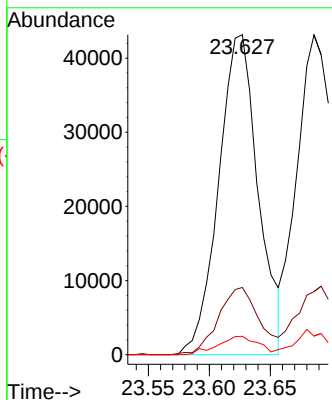
Tgt Ion:252 Resp: 97598
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.8
125 5.8 4.6 6.8

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Reviewed By :Yogesh
Patel

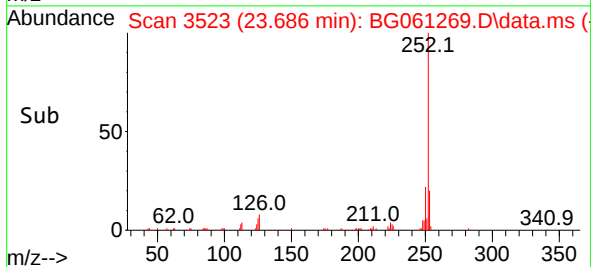
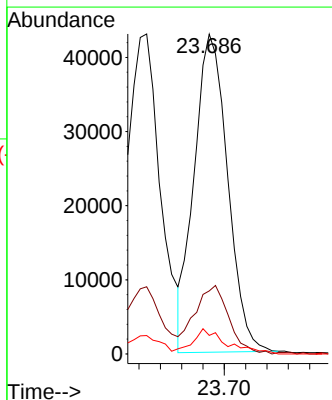
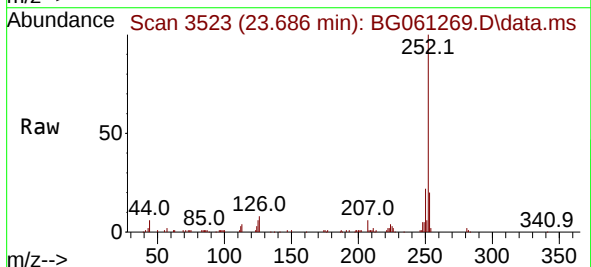
05/24/2024
Supervised By :mohammad
ahmed

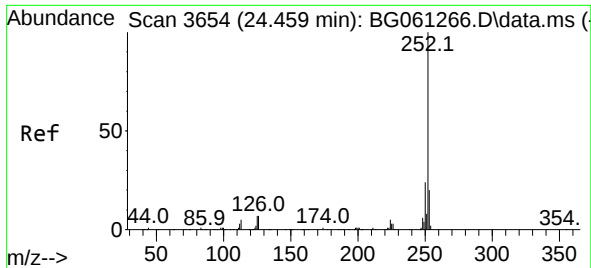
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#91
Benzo(k)fluoranthene
Concen: 5.083 ng/ul
RT: 23.686 min Scan# 3523
Delta R.T. -0.008 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

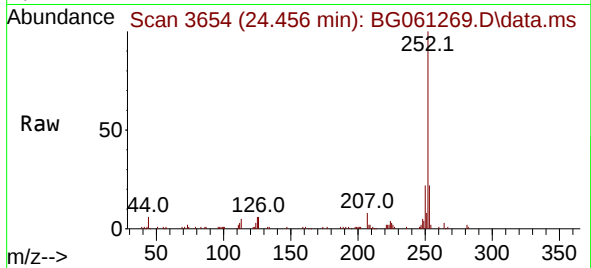
Tgt Ion:252 Resp: 93788
Ion Ratio Lower Upper
252 100
253 19.7 16.0 24.0
125 5.8 4.3 6.5





#93
Benzo(a)pyrene
Concen: 5.123 ng/u1
RT: 24.456 min Scan# 3654
Delta R.T. -0.008 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



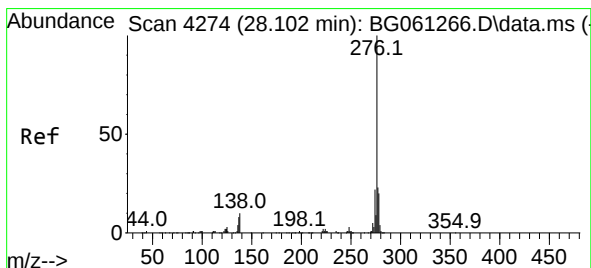
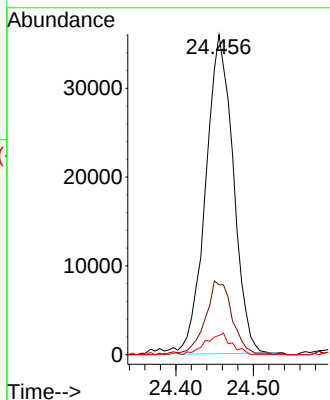
Tgt Ion:252 Resp: 8842
Ion Ratio Lower Upper
252 100
253 21.8 16.4 24.6
125 6.0 4.3 6.5

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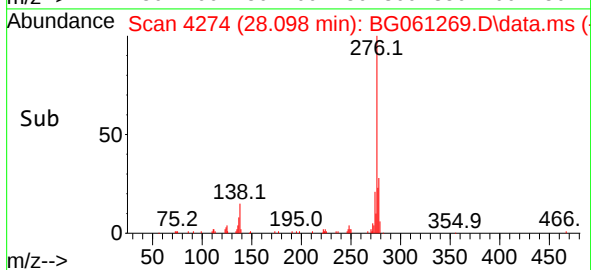
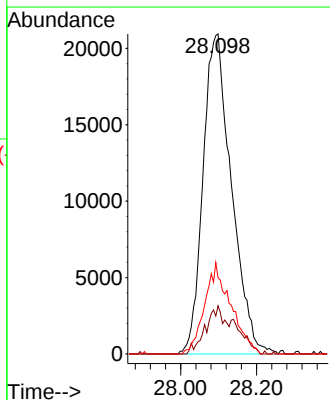
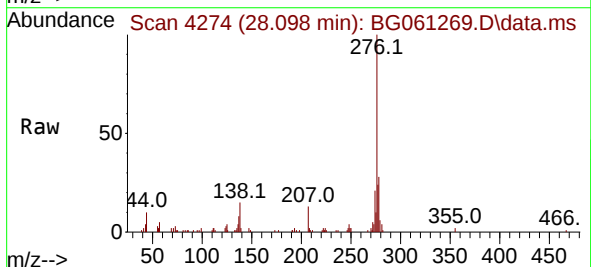
05/24/2024
Supervised By :mohammad
ahmed

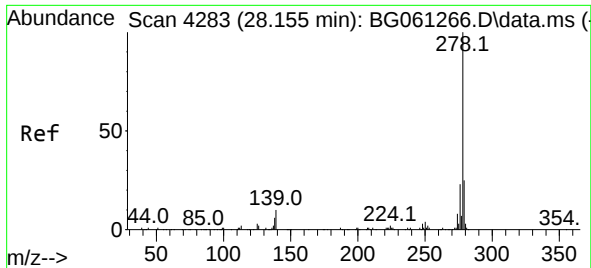
05/25/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 5.223 ng/u1
RT: 28.098 min Scan# 4274
Delta R.T. -0.008 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

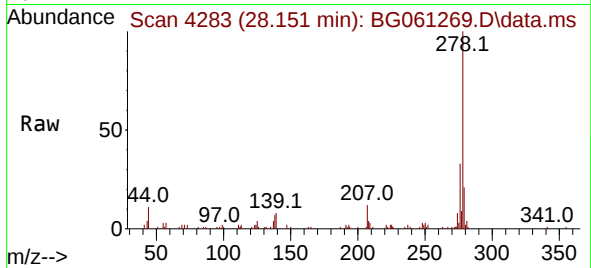
Tgt Ion:276 Resp: 109025
Ion Ratio Lower Upper
276 100
138 15.0 8.6 13.0#
277 23.8 19.7 29.5





#95
Dibenzo(a,h)anthracene
Concen: 5.244 ng/ul
RT: 28.151 min Scan# 41
Delta R.T. -0.008 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2024-04



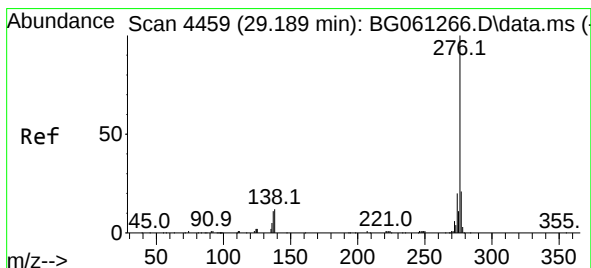
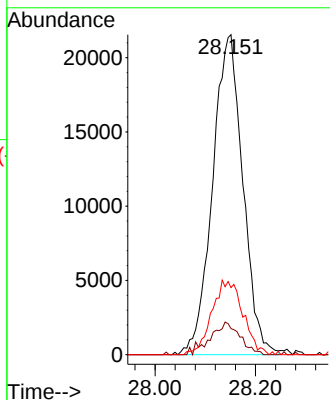
Tgt Ion:278 Resp: 90252
Ion Ratio Lower Upper
278 100
139 8.1 6.4 9.6
279 21.0 19.9 29.9

Manual Integrations
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Reviewed By :Yogesh
Patel

05/24/2024
Supervised By :mohammad
ahmed

05/25/2024



#96
Benzo(g,h,i)perylene
Concen: 5.180 ng/ul
RT: 29.179 min Scan# 4458
Delta R.T. -0.014 min
Lab File: BG061269.D
Acq: 23 May 2024 12:32

Tgt Ion:276 Resp: 86016
Ion Ratio Lower Upper
276 100
138 10.3 8.7 13.1
277 23.7 18.2 27.2

