

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
 Data File : BG062665.D
 Acq On : 5 Sep 2024 13:49
 Operator : MA/JU
 Sample : P2403-03
 Misc : MDL-SOIL-4 ng
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Quant Time: Sep 05 14:53:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 09/06/2024

Supervised By :mohammad
 ahmed
 09/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	54814	20.000	ng	0.00
21) Naphthalene-d8	10.717	136	212695	20.000	ng	0.00
39) Acenaphthene-d10	14.548	164	171698	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	495110	20.000	ng	0.00
76) Chrysene-d12	21.534	240	597365	20.000	ng	0.00
86) Perylene-d12	24.607	264	672658	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	369932	116.657	ng	0.00
7) Phenol-d6	7.086	99	495186	108.093	ng	0.00
23) Nitrobenzene-d5	9.078	82	328734	83.238	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	331428	137.162	ng	0.00
45) 2-Fluorobiphenyl	13.167	172	857413	80.888	ng	0.00
79) Terphenyl-d14	19.906	244	2075274	68.885	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.408	88	6304	4.772	ng	89
3) Pyridine	3.813	79	13701	3.600	ng	91
4) n-Nitrosodimethylamine	3.719	42	6940	3.750	ng	# 77
6) Aniline	7.245	93	17448	4.077	ng	98
8) 2-Chlorophenol	7.485	128	12406	3.644	ng	85
9) Benzaldehyde	7.062	77	13091	4.913	ng	98
10) Phenol	7.109	94	16955	3.656	ng	91
11) bis(2-Chloroethyl)ether	7.344	93	12878	3.627	ng	93
12) 1,3-Dichlorobenzene	7.814	146	14157	3.789	ng	97
13) 1,4-Dichlorobenzene	7.955	146	14891	3.873	ng	94
14) 1,2-Dichlorobenzene	8.273	146	13786	3.648	ng	89
15) Benzyl Alcohol	8.155	79	11018	3.251	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.437	45	22803	3.370	ng	97
17) 2-Methylphenol	8.367	107	10373	3.209	ng	95
18) Hexachloroethane	8.995	117	4943	3.429	ng	87
19) n-Nitroso-di-n-propyla...	8.713	70	10937	3.030	ng	95
20) 3+4-Methylphenols	8.690	107	13932	2.921	ng	89
22) Acetophenone	8.737	105	20816	3.628	ng	# 95
24) Nitrobenzene	9.119	77	16826	4.007	ng	92
25) Isophorone	9.636	82	29181	3.366	ng	97
26) 2-Nitrophenol	9.824	139	5506	3.470	ng	89
27) 2,4-Dimethylphenol	9.888	122	7882	3.390	ng	# 79
28) bis(2-Chloroethoxy)met...	10.124	93	16744	3.608	ng	93
29) 2,4-Dichlorophenol	10.364	162	11025	3.392	ng	94
30) 1,2,4-Trichlorobenzene	10.582	180	15915	4.130	ng	97
31) Naphthalene	10.764	128	41037	3.893	ng	96
33) 4-Chloroaniline	10.876	127	15867	3.825	ng	92
34) Hexachlorobutadiene	11.052	225	10245	3.807	ng	94
35) Caprolactam	11.604	113	4415	3.523	ng	# 85
36) 4-Chloro-3-methylphenol	11.992	107	13471	3.436	ng	94
37) 2-Methylnaphthalene	12.374	142	30328	3.709	ng	94
38) 1-Methylnaphthalene	12.591	142	29503m	3.593	ng	
40) 1,2,4,5-Tetrachloroben...	12.744	216	21249	4.115	ng	# 98
41) Hexachlorocyclopentadiene	12.726	237	5370	3.645	ng	92
43) 2,4,6-Trichlorophenol	12.985	196	11409	3.485	ng	97
44) 2,4,5-Trichlorophenol	13.049	196	12843	3.465	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
 Data File : BG062665.D
 Acq On : 5 Sep 2024 13:49
 Operator : MA/JU
 Sample : P2403-03
 Misc : MDL-SOIL-4 ng
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Quant Time: Sep 05 14:53:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

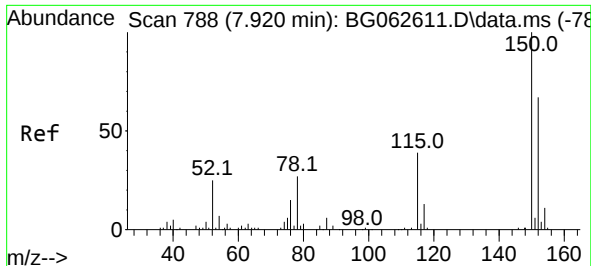
Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 09/06/2024

Supervised By :mohammad
 ahmed
 09/07/2024

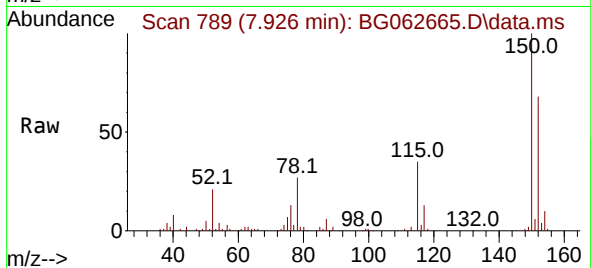
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.379	154	46303	4.042	ng	100
47) 2-Chloronaphthalene	13.420	162	36016	3.880	ng	100
48) 2-Nitroaniline	13.625	65	9316	3.815	ng	95
49) Acenaphthylene	14.266	152	55450	4.033	ng	99
50) Dimethylphthalate	13.995	163	47920	3.817	ng	# 96
51) 2,6-Dinitrotoluene	14.119	165	7591	3.197	ng	94
52) Acenaphthene	14.612	154	31767	3.696	ng	98
53) 3-Nitroaniline	14.442	138	8933	3.888	ng	99
55) Dibenzofuran	14.941	168	59276	4.022	ng	99
56) 4-Nitrophenol	14.759	139	6873m	3.529	ng	
57) 2,4-Dinitrotoluene	14.906	165	11973	3.695	ng	# 87
58) Fluorene	15.594	166	45481	3.932	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.171	232	14204	4.045	ng	# 94
60) Diethylphthalate	15.364	149	48101	3.865	ng	95
61) 4-Chlorophenyl-phenyle...	15.588	204	27135	4.086	ng	96
62) 4-Nitroaniline	15.605	138	8987	3.547	ng	95
63) Azobenzene	15.876	77	43348	3.710	ng	97
65) 4,6-Dinitro-2-methylph...	15.670	198	5930	2.684	ng	83
66) n-Nitrosodiphenylamine	15.799	169	43019	3.614	ng	94
67) 4-Bromophenyl-phenylether	16.481	248	19169	3.751	ng	92
68) Hexachlorobenzene	16.598	284	22505	3.719	ng	# 93
69) Atrazine	16.745	200	19608	4.850	ng	93
70) Pentachlorophenol	16.945	266	8578	2.213	ng	96
71) Phenanthrene	17.333	178	91755	3.970	ng	98
72) Anthracene	17.421	178	90193	3.969	ng	96
73) Carbazole	17.691	167	82390	3.944	ng	97
74) Di-n-butylphthalate	18.255	149	87428	3.711	ng	99
75) Fluoranthene	19.342	202	122974	4.207	ng	99
77) Benzidine	19.524	184	48399	4.495	ng	# 93
78) Pyrene	19.706	202	132402	3.487	ng	98
80) Butylbenzylphthalate	20.599	149	34580	3.100	ng	98
81) Benzo(a)anthracene	21.516	228	142682	3.787	ng	99
82) 3,3'-Dichlorobenzidine	21.434	252	46540	3.792	ng	97
83) Chrysene	21.575	228	140060	3.881	ng	96
84) Bis(2-ethylhexyl)phtha...	21.434	149	53095	3.133	ng	# 96
85) Di-n-octyl phthalate	22.597	149	89845	3.028	ng	100
87) Indeno(1,2,3-cd)pyrene	28.061	276	162067	3.757	ng	# 87
88) Benzo(b)fluoranthene	23.631	252	132697	3.572	ng	97
89) Benzo(k)fluoranthene	23.696	252	141158	3.884	ng	98
90) Benzo(a)pyrene	24.454	252	124165	3.783	ng	96
91) Dibenzo(a,h)anthracene	28.120	278	132672	3.734	ng	# 95
92) Benzo(g,h,i)perylene	29.142	276	125792	3.511	ng	# 93

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 70
Delta R.T. 0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

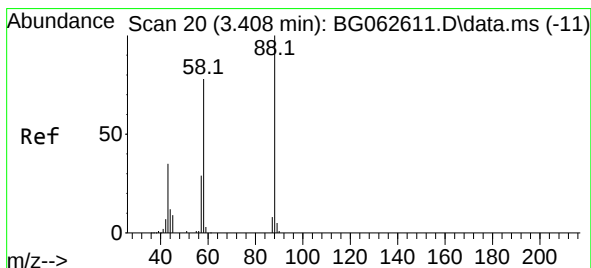
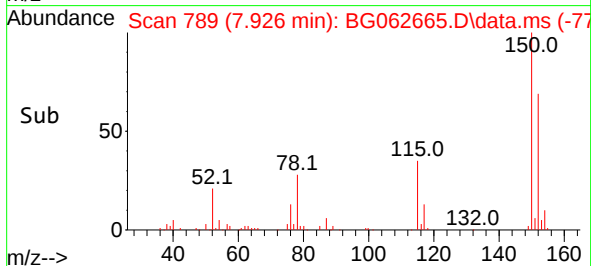
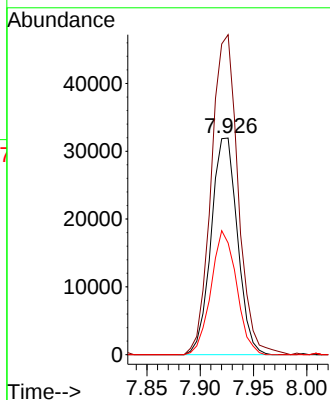


Tgt Ion: 152 Resp: 54814
Ion Ratio Lower Upper
152 100
150 147.7 119.9 179.9
115 51.5 46.6 69.8

Manual Integrations
APPROVED

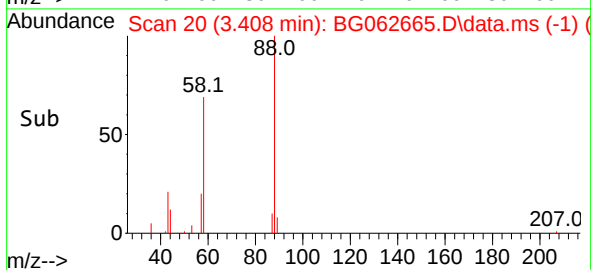
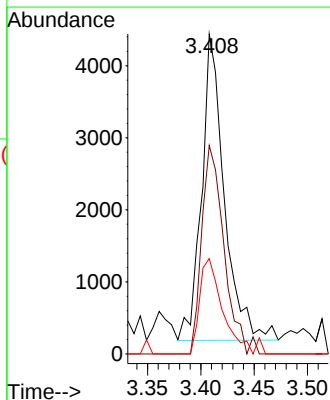
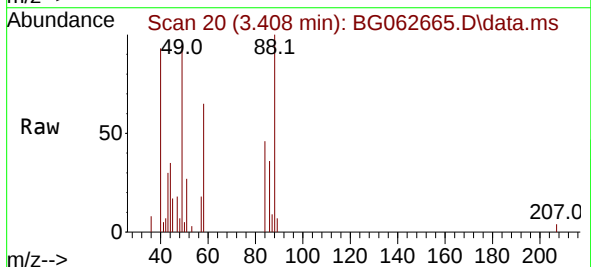
Reviewed By :Jagrut
Upadhyay
09/06/2024

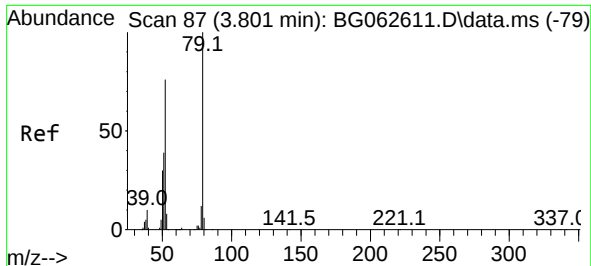
Supervised By :mohammad
ahmed
09/07/2024



#2
1,4-Dioxane
Concen: 4.772 ng
RT: 3.408 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

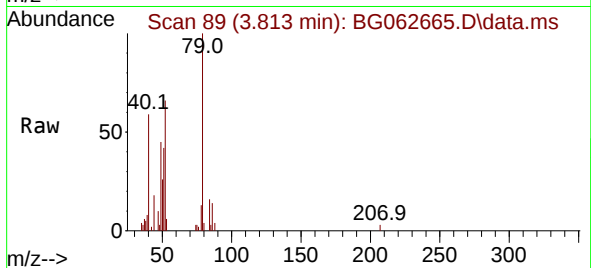
Tgt Ion: 88 Resp: 6304
Ion Ratio Lower Upper
88 100
58 66.7 62.3 93.5
43 31.0 27.5 41.3





#3
Pyridine
Concen: 3.600 ng
RT: 3.813 min Scan# 89
Delta R.T. 0.012 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

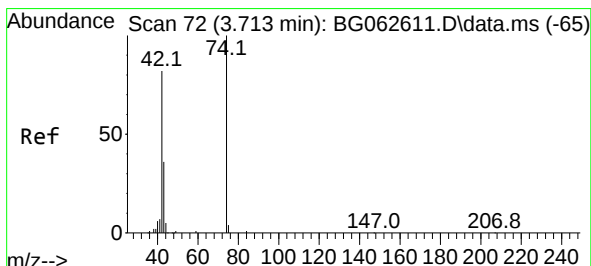
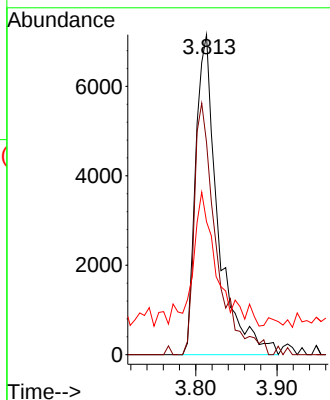
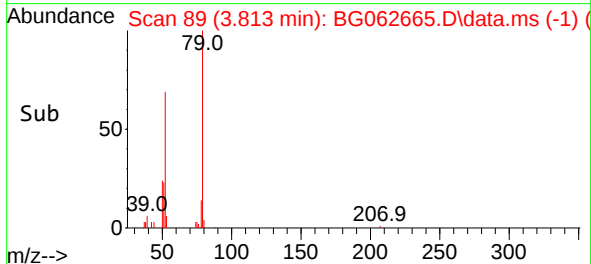


Tgt Ion: 79 Resp: 1370
Ion Ratio Lower Upper
79 100
52 66.3 60.9 91.3
51 41.5 31.5 47.3

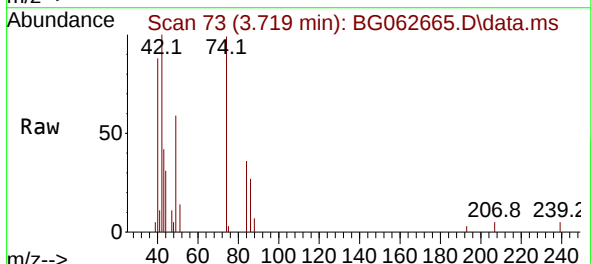
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
09/06/2024

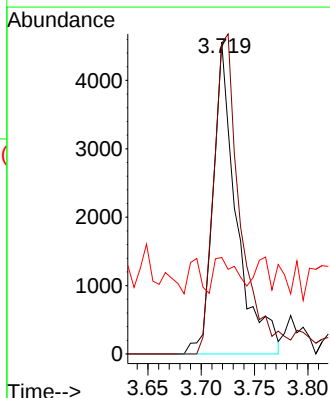
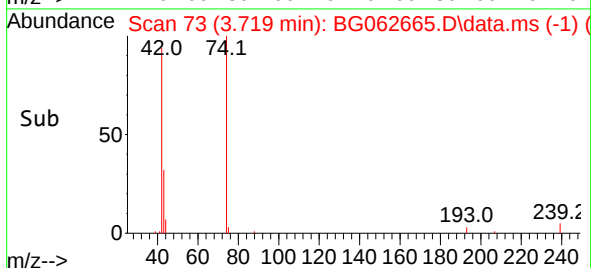
Supervised By :mohammad
ahmed
09/07/2024

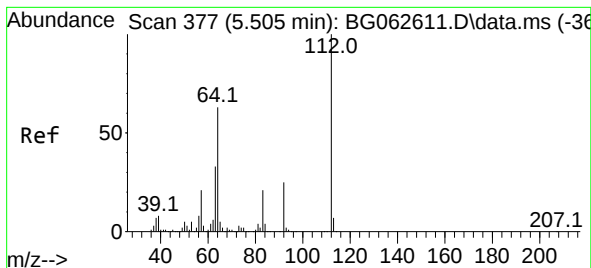


#4
n-Nitrosodimethylamine
Concen: 3.750 ng
RT: 3.719 min Scan# 73
Delta R.T. 0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49



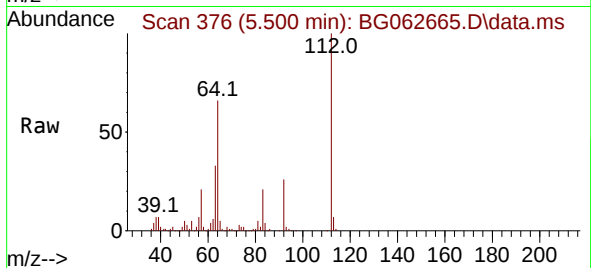
Tgt Ion: 42 Resp: 6940
Ion Ratio Lower Upper
42 100
74 99.5 98.0 147.0
44 30.9 7.4 11.2





#5
2-Fluorophenol
Concen: 116.657 ng
RT: 5.500 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

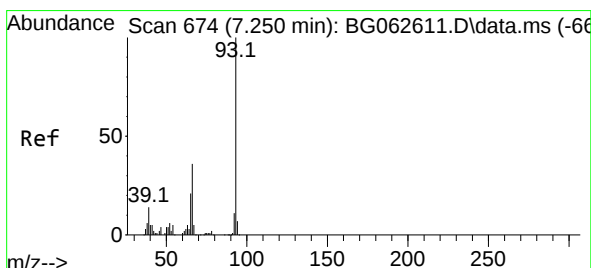
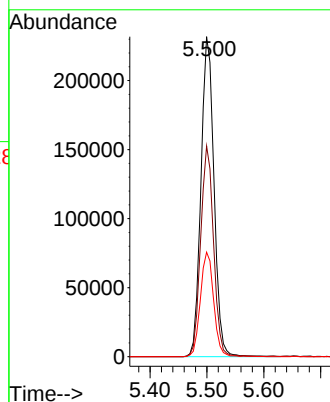
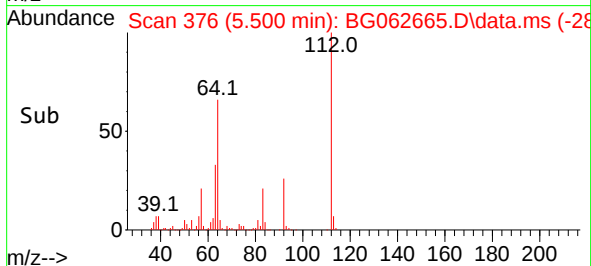


Tgt Ion: 112 Resp: 36993
Ion Ratio Lower Upper
112 100
64 65.9 50.2 75.2
63 32.7 26.6 39.8

Manual Integrations
APPROVED

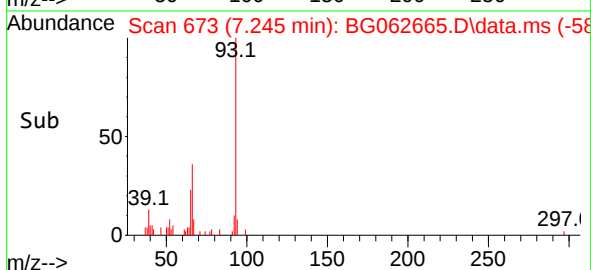
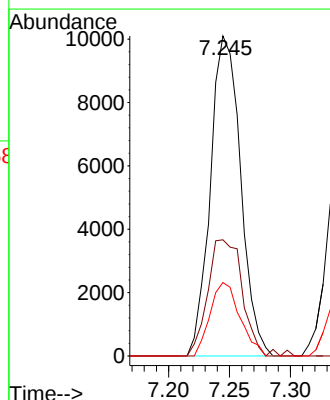
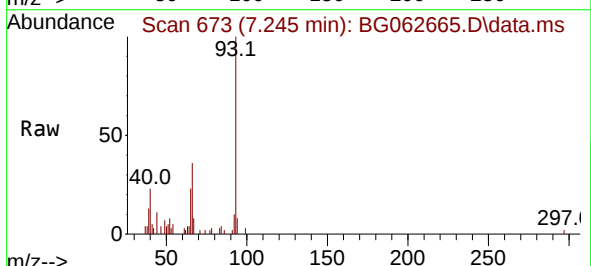
Reviewed By :Jagrut
Upadhyay
09/06/2024

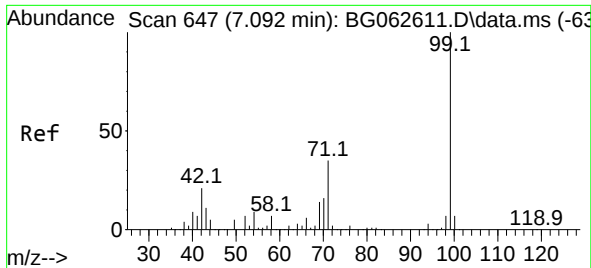
Supervised By :mohammad
ahmed
09/07/2024



#6
Aniline
Concen: 4.077 ng
RT: 7.245 min Scan# 673
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

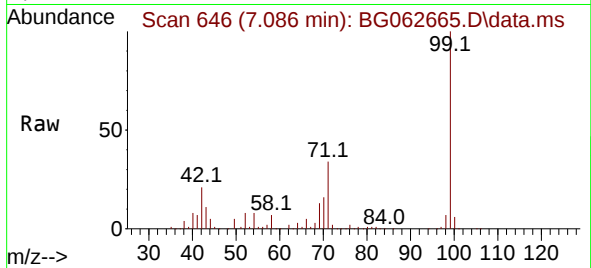
Tgt Ion: 93 Resp: 17448
Ion Ratio Lower Upper
93 100
66 36.3 29.1 43.7
65 23.0 16.6 25.0





#7
Phenol-d6
Concen: 108.093 ng
RT: 7.086 min Scan# 647
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

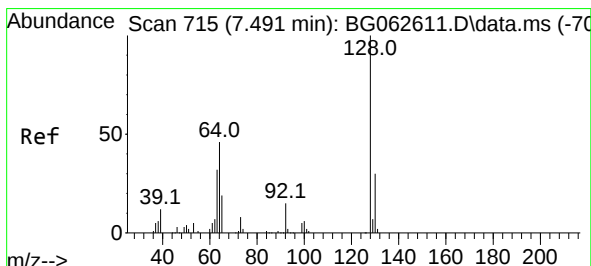
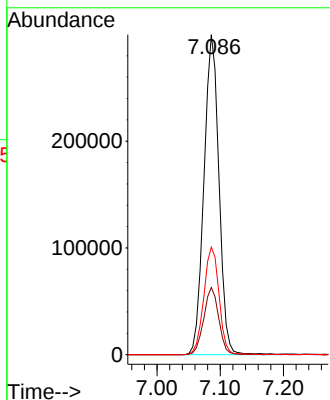
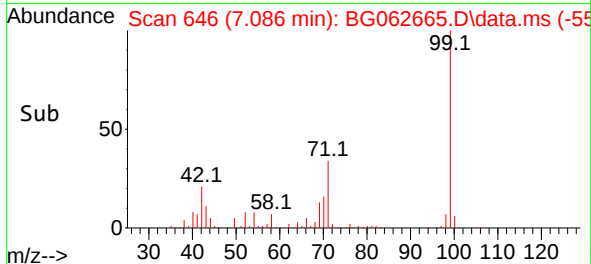


Tgt Ion: 99 Resp: 495180
Ion Ratio Lower Upper
99 100
42 21.0 16.9 25.3
71 33.6 27.9 41.9

Manual Integrations
APPROVED

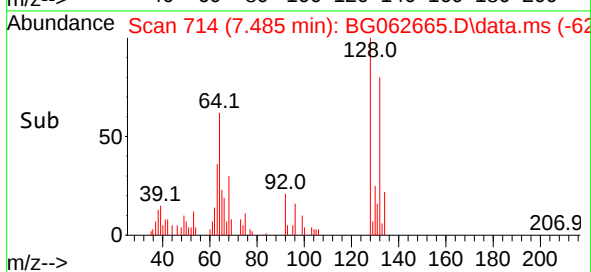
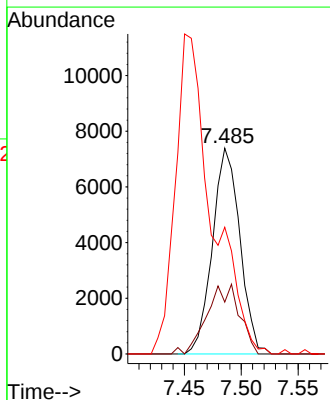
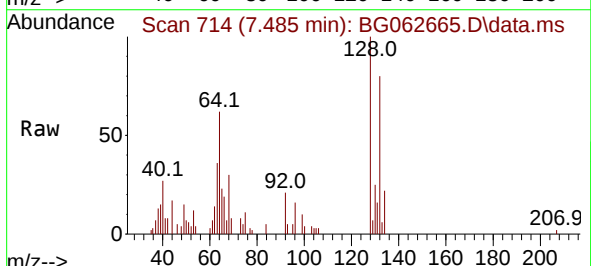
Reviewed By :Jagrut
Upadhyay
09/06/2024

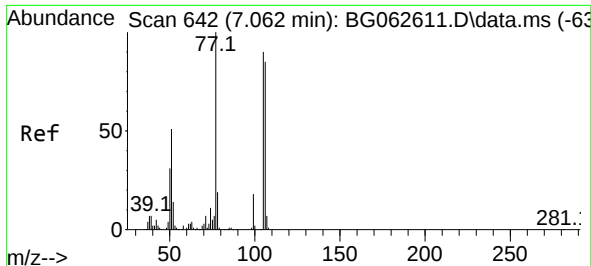
Supervised By :mohammad
ahmed
09/07/2024



#8
2-Chlorophenol
Concen: 3.644 ng
RT: 7.485 min Scan# 714
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

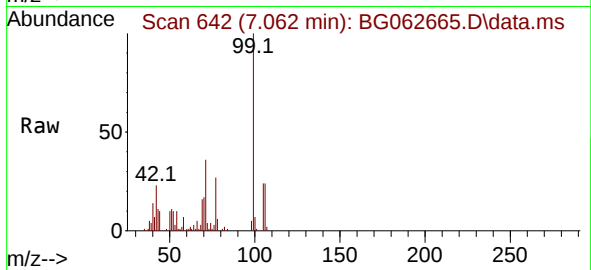
Tgt Ion:128 Resp: 12406
Ion Ratio Lower Upper
128 100
130 25.2 10.0 50.0
64 61.6 28.8 68.8





#9
Benzaldehyde
Concen: 4.913 ng
RT: 7.062 min Scan# 642
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

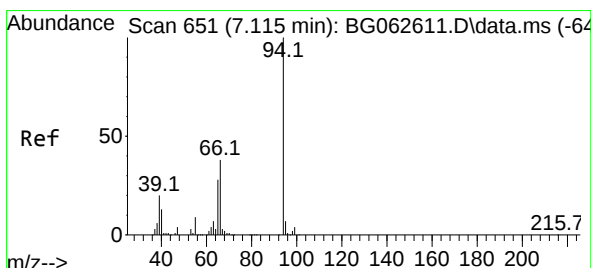
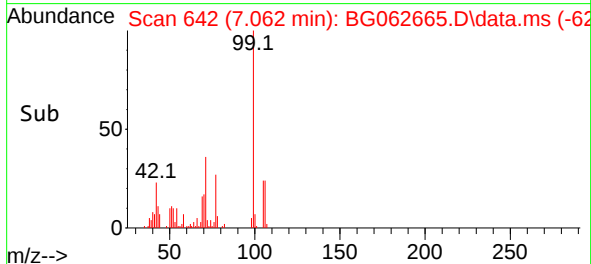
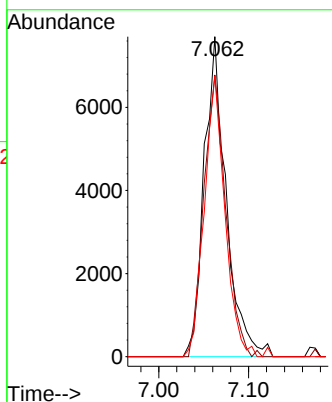


Tgt Ion: 77	Resp: 1309
Ion Ratio	Lower Upper
77 100	
105 88.1	70.2 110.2
106 87.7	65.4 105.4

Manual Integrations
APPROVED

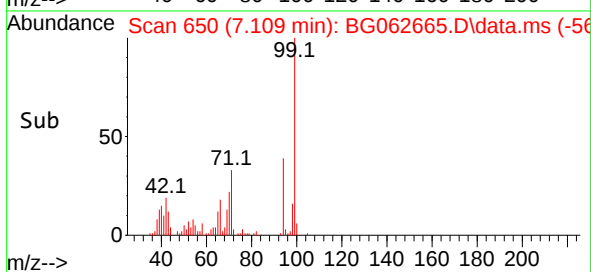
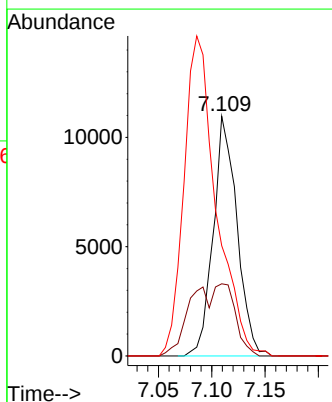
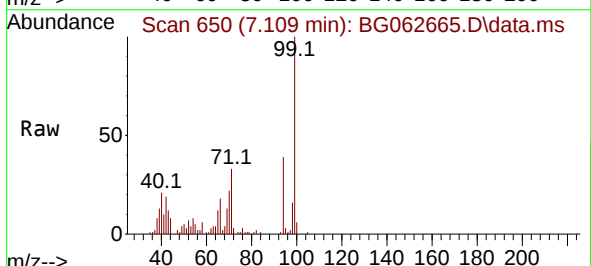
Reviewed By :Jagrut
Upadhyay
09/06/2024

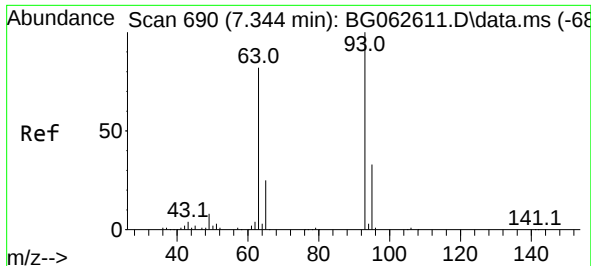
Supervised By :mohammad
ahmed
09/07/2024



#10
Phenol
Concen: 3.656 ng
RT: 7.109 min Scan# 650
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

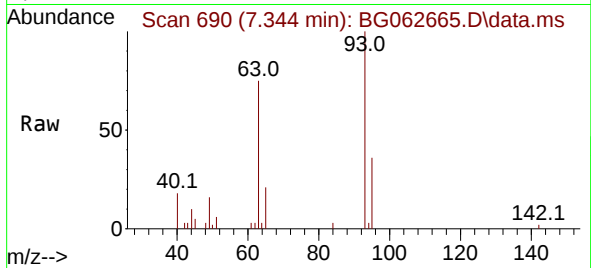
Tgt Ion: 94	Resp: 16955
Ion Ratio	Lower Upper
94 100	
65 30.1	8.6 48.6
66 46.0	18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 3.627 ng
RT: 7.344 min Scan# 690
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

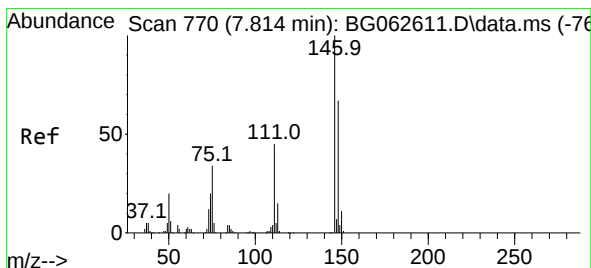
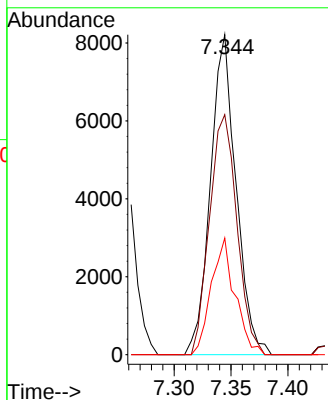
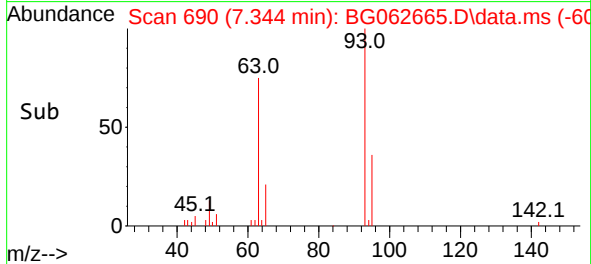


Tgt Ion: 93 Resp: 12878
Ion Ratio Lower Upper
93 100
63 75.0 61.9 101.9
95 36.4 12.9 52.9

Manual Integrations
APPROVED

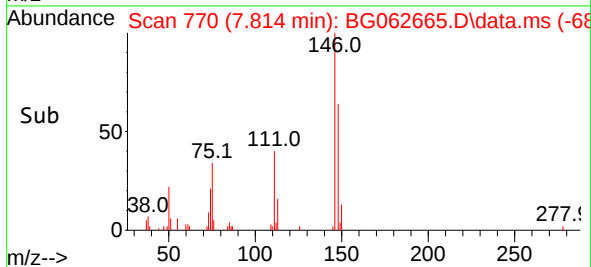
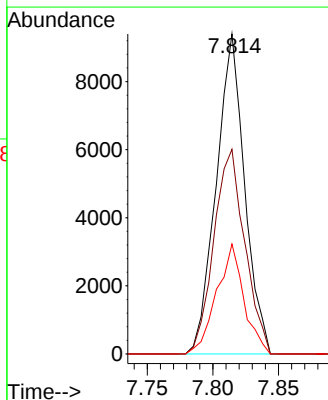
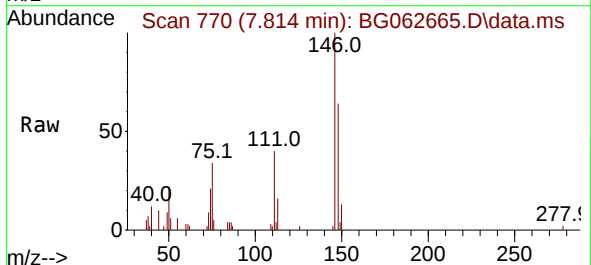
Reviewed By :Jagrut
Upadhyay
09/06/2024

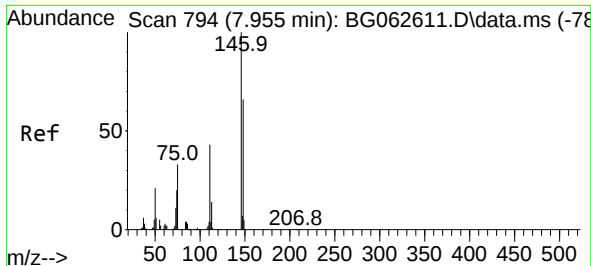
Supervised By :mohammad
ahmed
09/07/2024



#12
1,3-Dichlorobenzene
Concen: 3.789 ng
RT: 7.814 min Scan# 770
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Tgt Ion:146 Resp: 14157
Ion Ratio Lower Upper
146 100
148 63.9 53.9 80.9
75 34.3 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 3.873 ng

RT: 7.955 min Scan# 794

Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

Tgt Ion:	146	Resp:	1489
Ion Ratio	Lower	Upper	
146	100		
148	62.0	53.0	79.6
111	39.6	34.9	52.3

Manual Integrations

APPROVED

Reviewed By :Jagrut

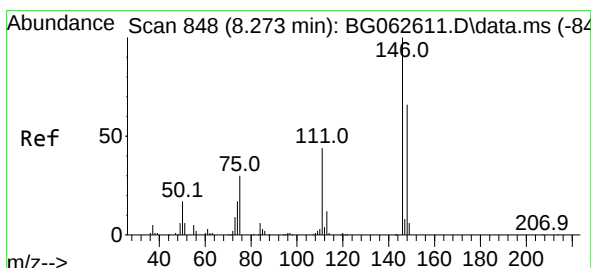
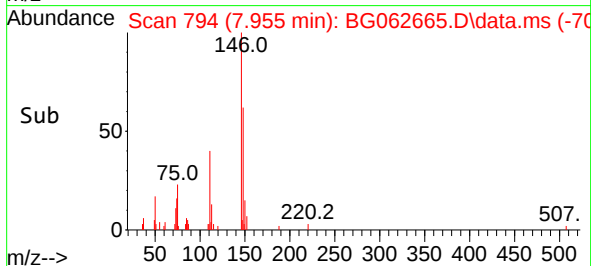
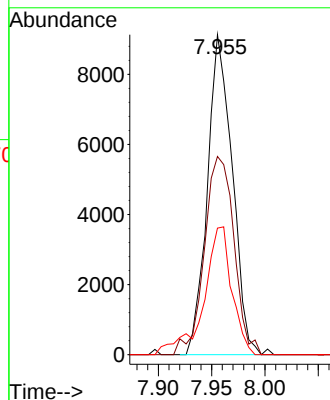
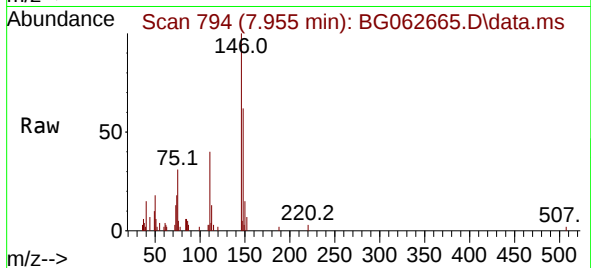
Upadhyay

09/06/2024

Supervised By :mohammad

ahmed

09/07/2024



#14

1,2-Dichlorobenzene

Concen: 3.648 ng

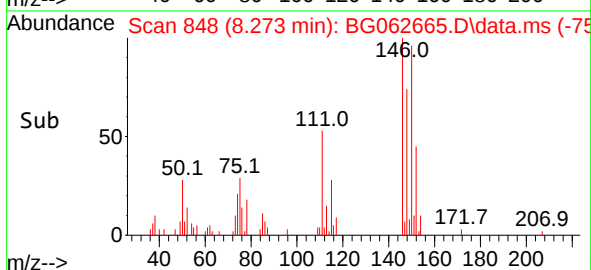
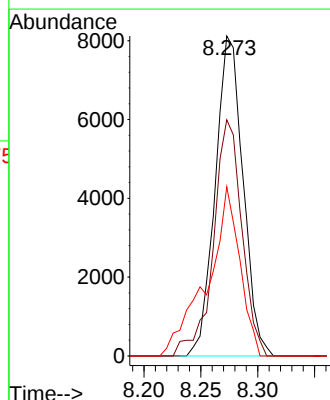
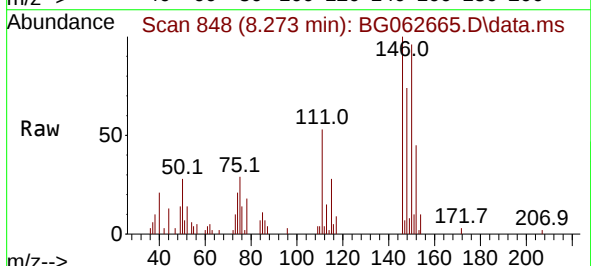
RT: 8.273 min Scan# 848

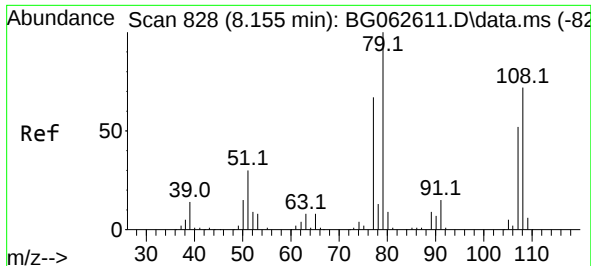
Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

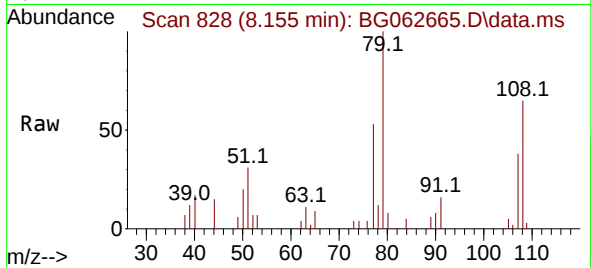
Tgt Ion:	146	Resp:	13786
Ion Ratio	Lower	Upper	
146	100		
148	73.8	52.5	78.7
111	52.8	35.5	53.3





#15
Benzyl Alcohol
Concen: 3.251 ng
RT: 8.155 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

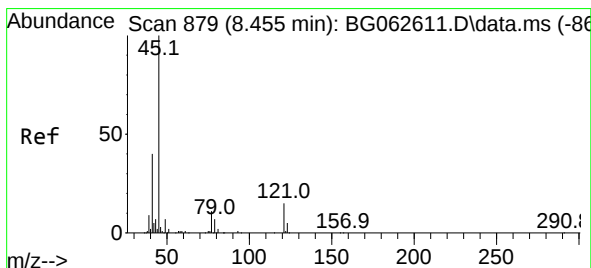
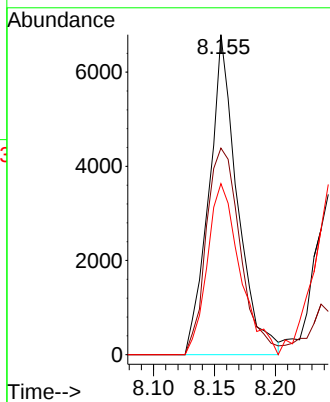
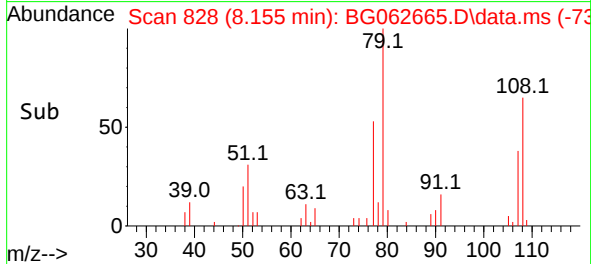


Tgt Ion: 79 Resp: 11018
Ion Ratio Lower Upper
79 100
108 64.6 57.9 86.9
77 53.5 53.4 80.2

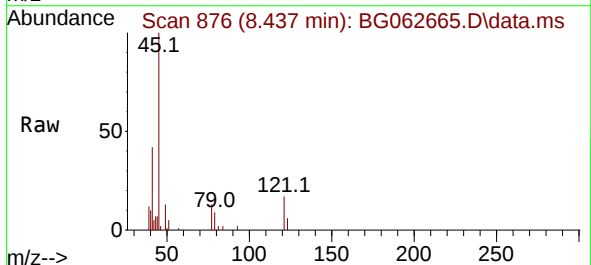
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
09/06/2024

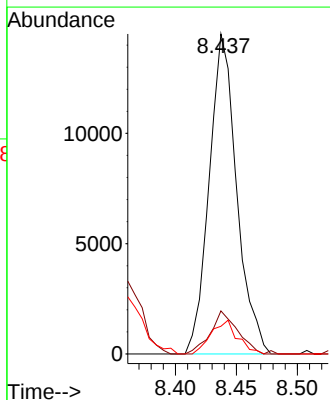
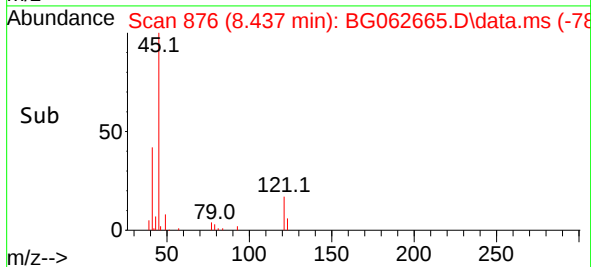
Supervised By :mohammad
ahmed
09/07/2024

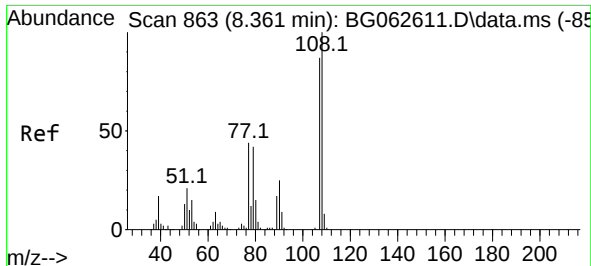


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.370 ng
RT: 8.437 min Scan# 876
Delta R.T. -0.018 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49



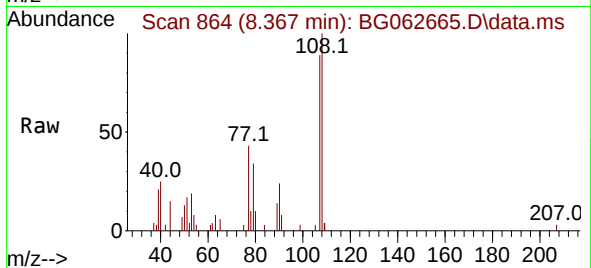
Tgt Ion: 45 Resp: 22803
Ion Ratio Lower Upper
45 100
77 13.4 0.0 31.7
79 8.6 0.0 28.3





#17
2-Methylphenol
Concen: 3.209 ng
RT: 8.367 min Scan# 80
Delta R.T. 0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

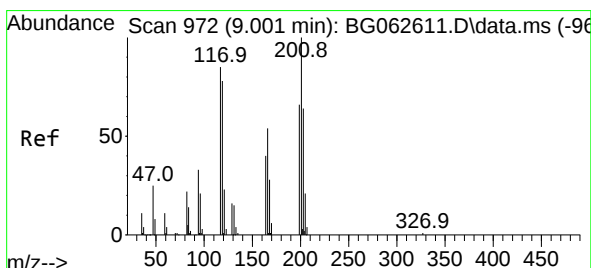
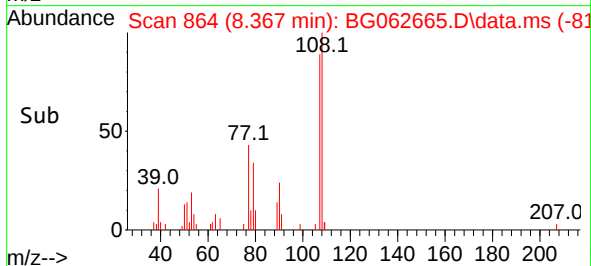
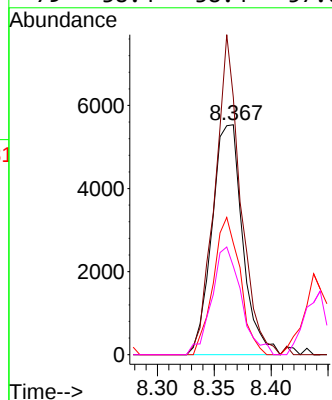


Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.5	137.3
77	48.5	40.0	60.0
79	38.4	38.4	57.6

Manual Integrations
APPROVED

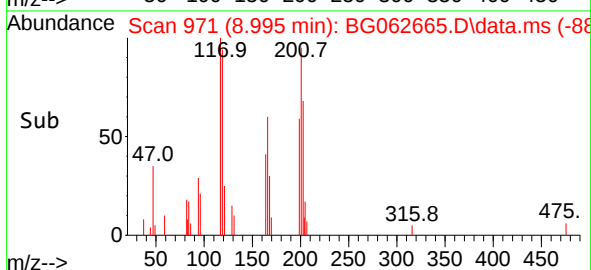
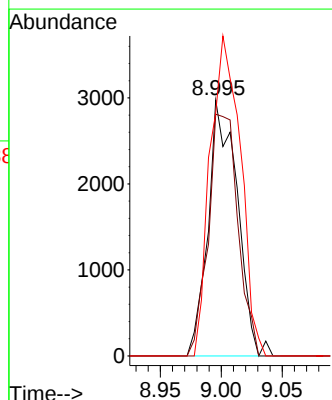
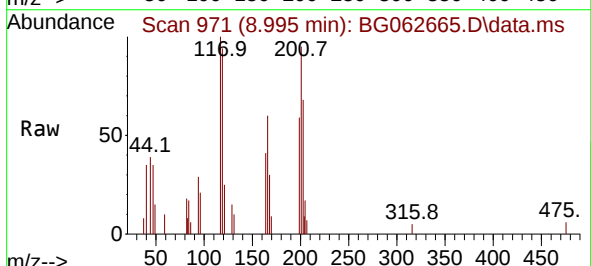
Reviewed By :Jagrut
Upadhyay
09/06/2024

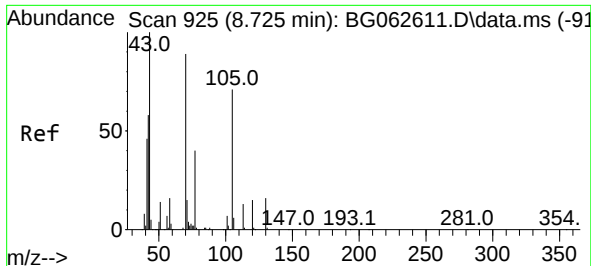
Supervised By :mohammad
ahmed
09/07/2024



#18
Hexachloroethane
Concen: 3.429 ng
RT: 8.995 min Scan# 971
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

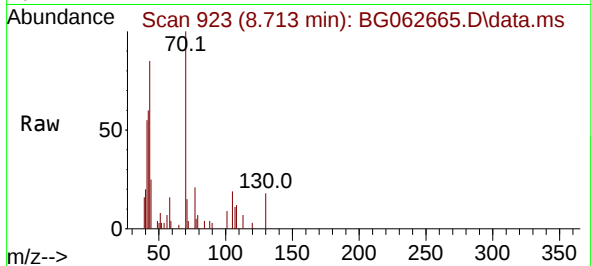
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	73.4	110.0
201	95.0	93.9	140.9





#19
n-Nitroso-di-n-propylamine
Concen: 3.030 ng
RT: 8.713 min Scan# 913
Delta R.T. -0.012 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

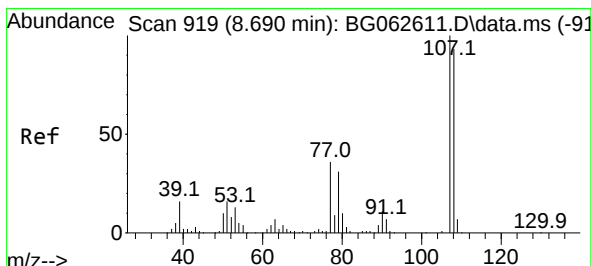
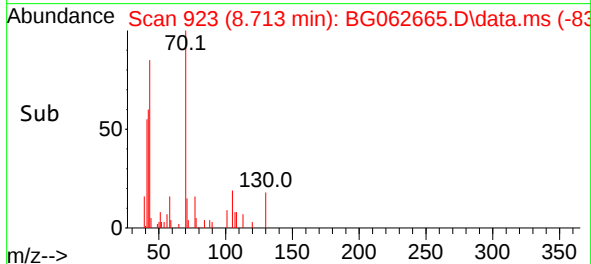
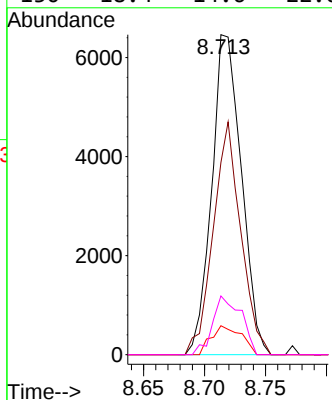


Tgt Ion:	70	Resp:	1093
Ion	Ratio	Lower	Upper
70	100		
42	60.1	52.3	78.5
101	9.0	6.6	9.8
130	18.4	14.6	22.0

Manual Integrations
APPROVED

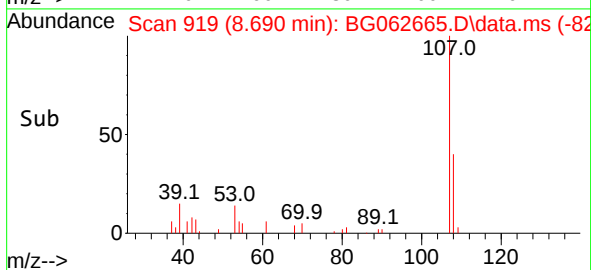
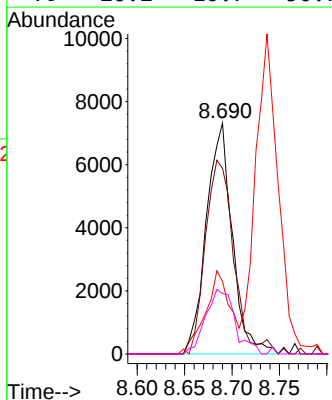
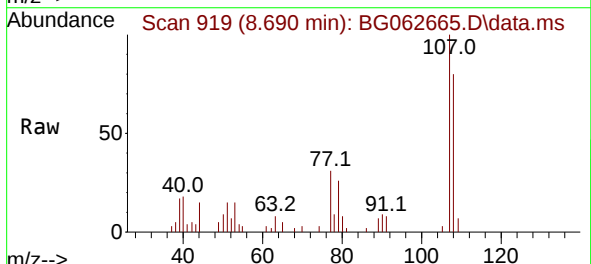
Reviewed By :Jagrut
Upadhyay
09/06/2024

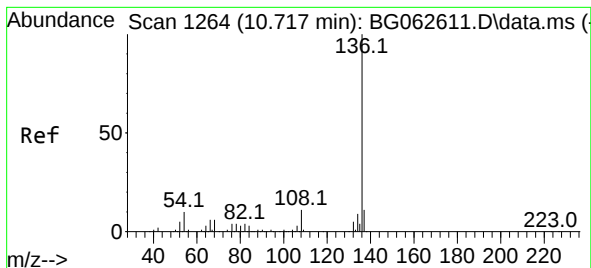
Supervised By :mohammad
ahmed
09/07/2024



#20
3+4-Methylphenols
Concen: 2.921 ng
RT: 8.690 min Scan# 919
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

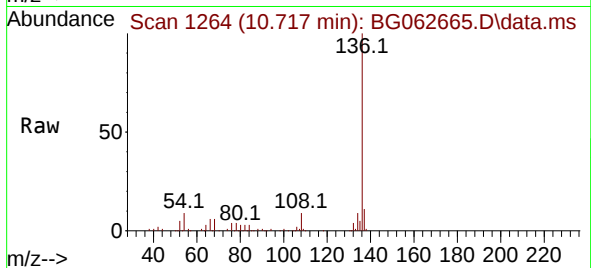
Tgt Ion:	107	Resp:	13932
Ion	Ratio	Lower	Upper
107	100		
108	80.4	72.7	112.7
77	31.4	16.5	56.5
79	26.2	10.7	50.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.717 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

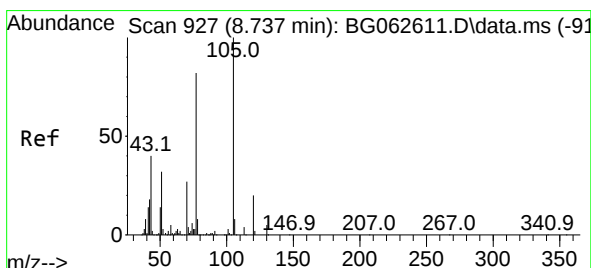
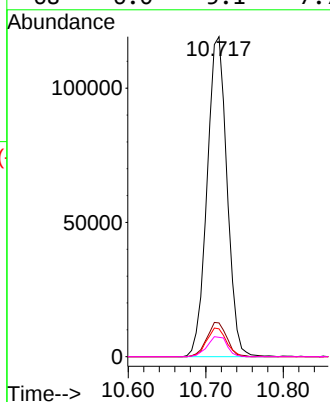
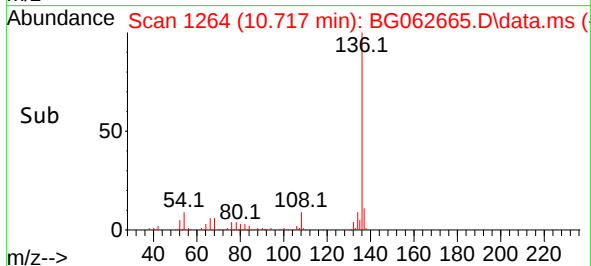


Tgt Ion:136 Resp: 21269
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.7 7.8 11.6
68 6.0 5.1 7.7

Manual Integrations
APPROVED

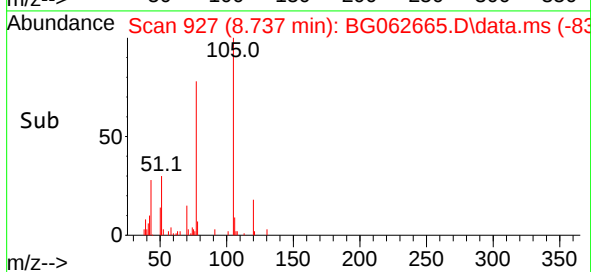
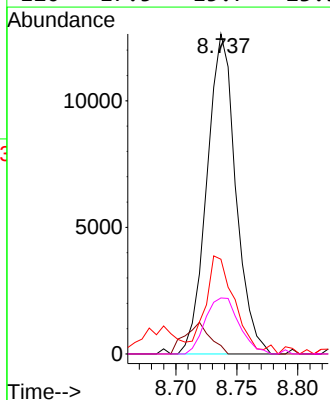
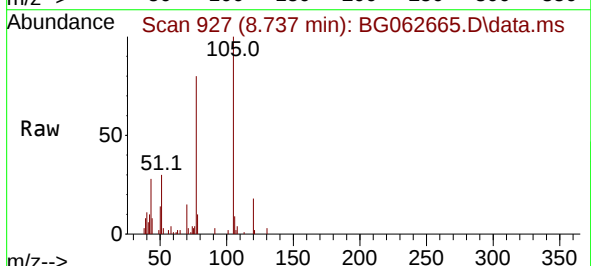
Reviewed By :Jagrut
Upadhyay
09/06/2024

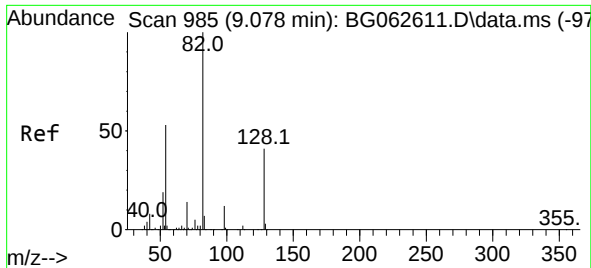
Supervised By :mohammad
ahmed
09/07/2024



#22
Acetophenone
Concen: 3.628 ng
RT: 8.737 min Scan# 927
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

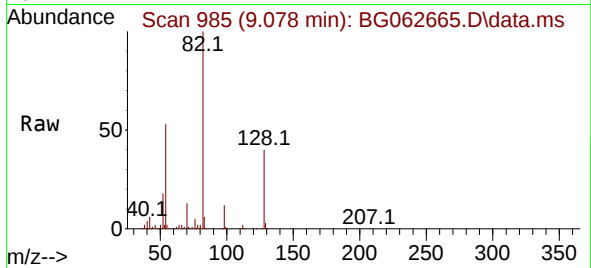
Tgt Ion:105 Resp: 20816
Ion Ratio Lower Upper
105 100
71 2.7 3.5 5.3#
51 29.6 25.7 38.5
120 17.5 15.7 23.5





#23
Nitrobenzene-d5
Concen: 83.238 ng
RT: 9.078 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

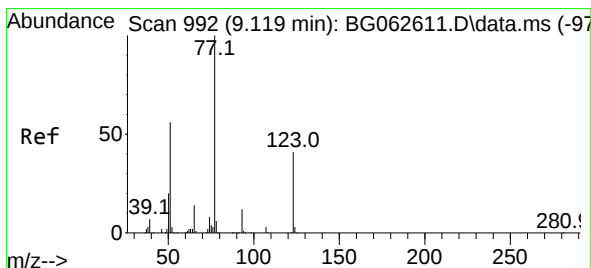
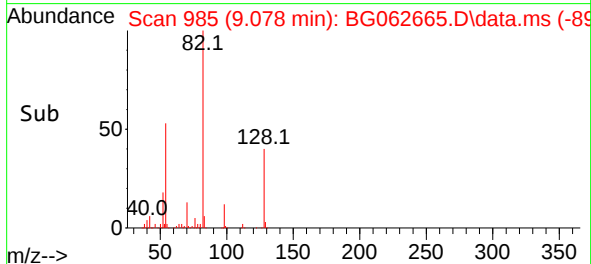
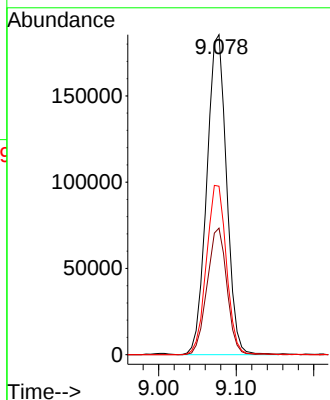


Tgt Ion: 82 Resp: 328734
Ion Ratio Lower Upper
82 100
128 39.6 32.5 48.7
54 52.7 42.5 63.7

Manual Integrations
APPROVED

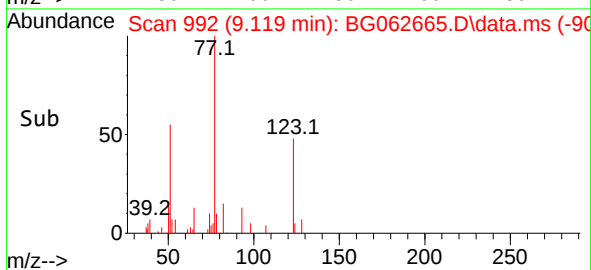
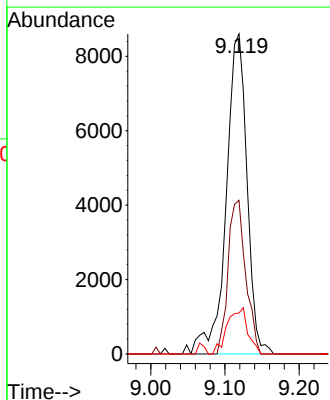
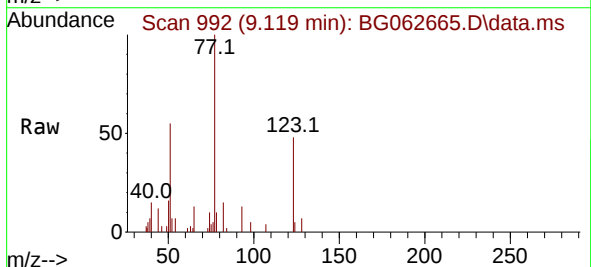
Reviewed By :Jagrut
Upadhyay
09/06/2024

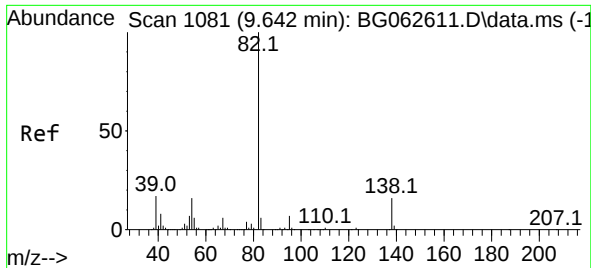
Supervised By :mohammad
ahmed
09/07/2024



#24
Nitrobenzene
Concen: 4.007 ng
RT: 9.119 min Scan# 992
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

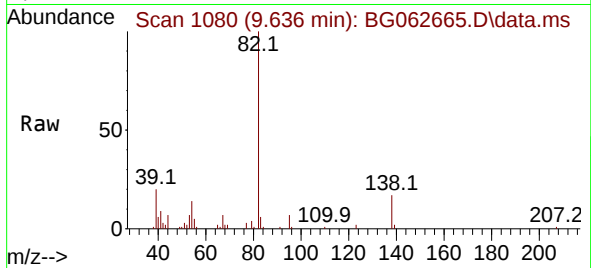
Tgt Ion: 77 Resp: 16826
Ion Ratio Lower Upper
77 100
123 48.0 33.1 49.7
65 12.8 11.0 16.4





#25
Isophorone
Concen: 3.366 ng
RT: 9.636 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT2-2024

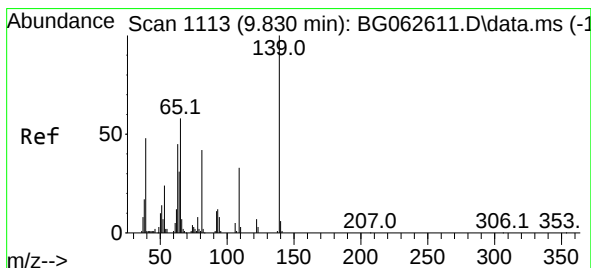
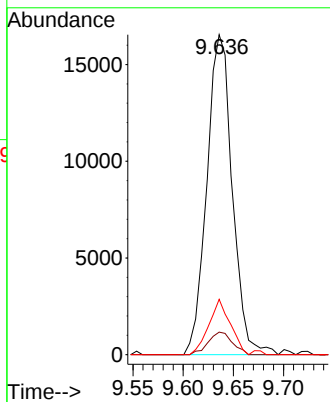
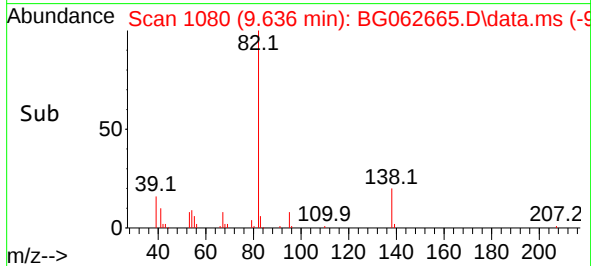


Tgt Ion: 82 Resp: 2918
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 17.3 12.6 18.8

Manual Integrations
APPROVED

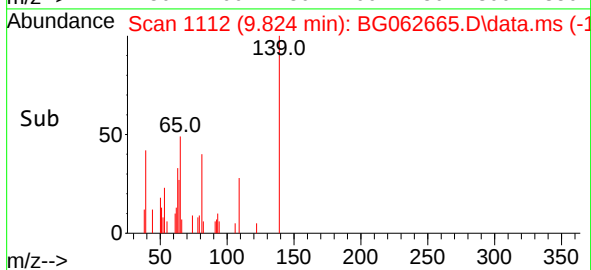
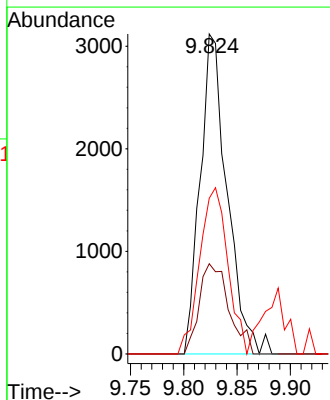
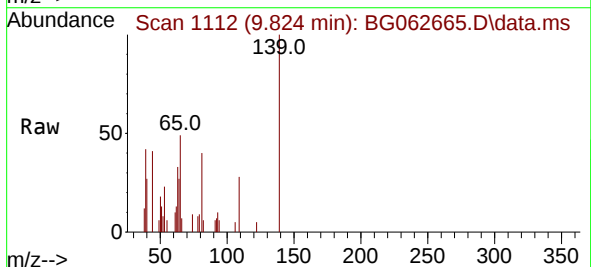
Reviewed By :Jagrut
Upadhyay
09/06/2024

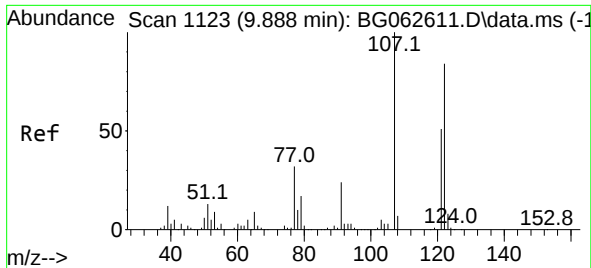
Supervised By :mohammad
ahmed
09/07/2024



#26
2-Nitrophenol
Concen: 3.470 ng
RT: 9.824 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

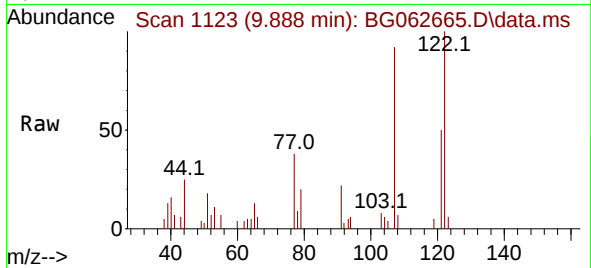
Tgt Ion:139 Resp: 5506
Ion Ratio Lower Upper
139 100
109 28.2 26.6 39.8
65 48.7 46.5 69.7





#27
2,4-Dimethylphenol
Concen: 3.390 ng
RT: 9.888 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

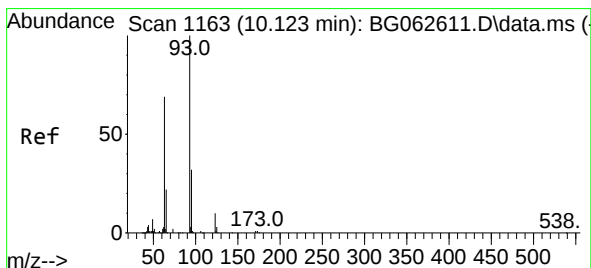
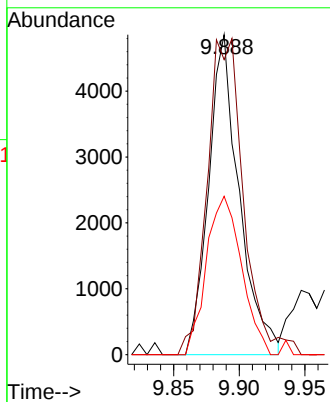
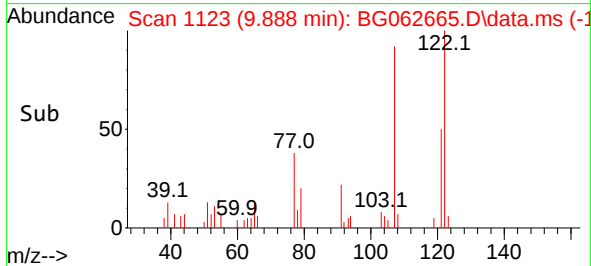


Tgt Ion:122 Resp: 788
Ion Ratio Lower Upper
122 100
107 92.2 95.8 143.6
121 49.5 48.6 72.8

Manual Integrations
APPROVED

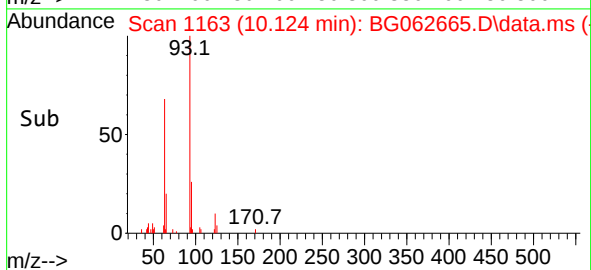
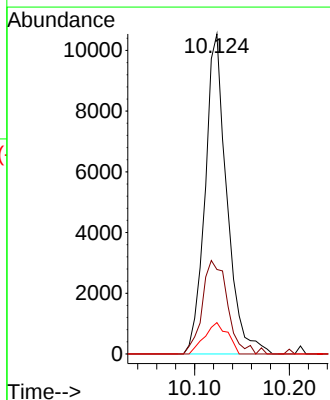
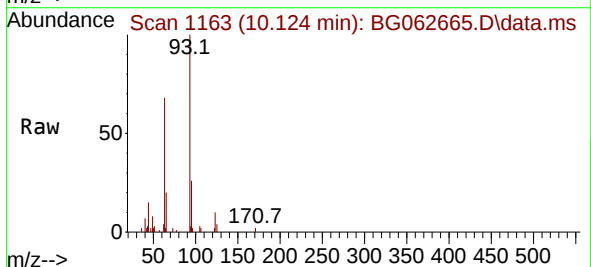
Reviewed By :Jagrut
Upadhyay
09/06/2024

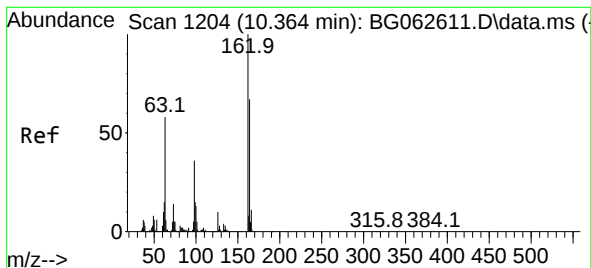
Supervised By :mohammad
ahmed
09/07/2024



#28
bis(2-Chloroethoxy)methane
Concen: 3.608 ng
RT: 10.124 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

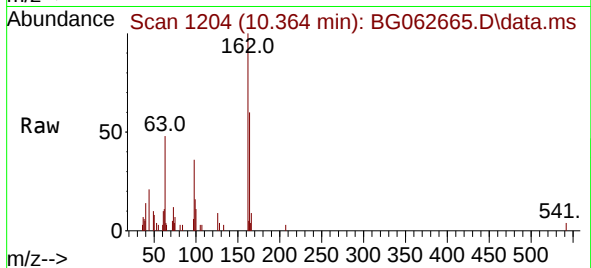
Tgt Ion: 93 Resp: 16744
Ion Ratio Lower Upper
93 100
95 26.4 25.4 38.0
123 9.8 7.9 11.9





#29
2,4-Dichlorophenol
Concen: 3.392 ng
RT: 10.364 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

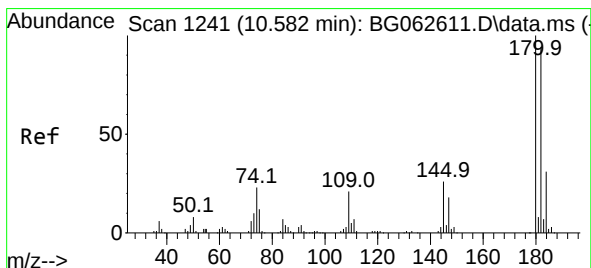
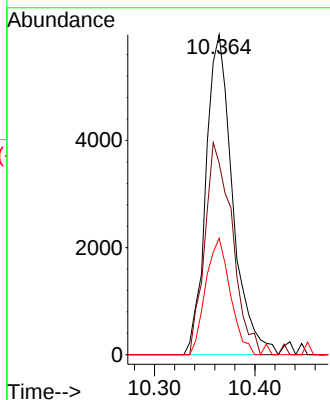
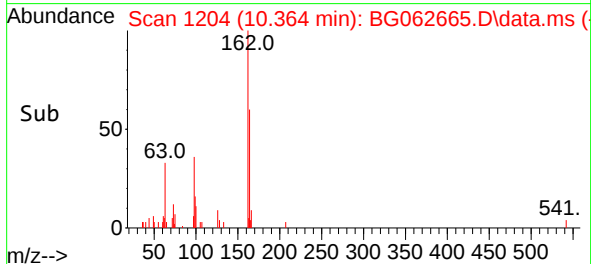


Tgt Ion:162 Resp: 11025
Ion Ratio Lower Upper
162 100
164 59.9 46.8 86.8
98 36.4 16.4 56.4

Manual Integrations
APPROVED

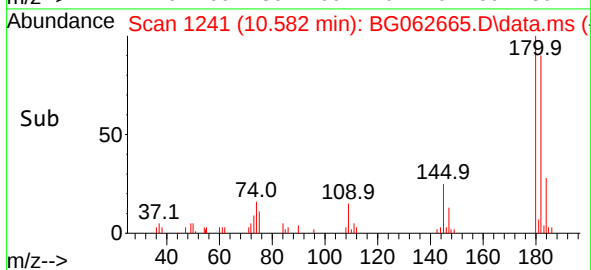
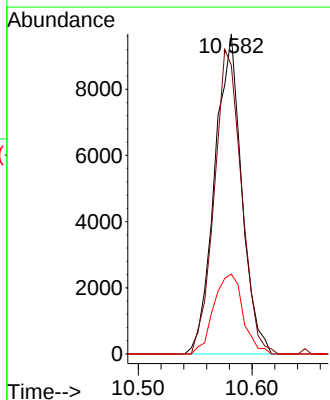
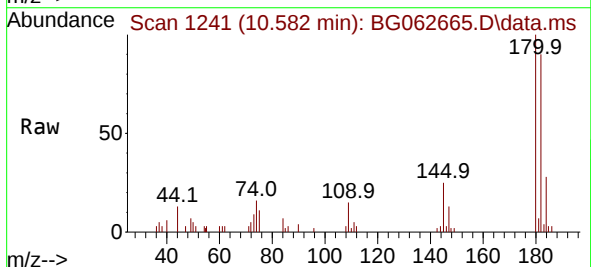
Reviewed By :Jagrut
Upadhyay
09/06/2024

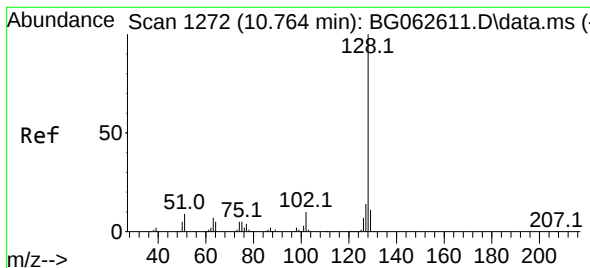
Supervised By :mohammad
ahmed
09/07/2024



#30
1,2,4-Trichlorobenzene
Concen: 4.130 ng
RT: 10.582 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

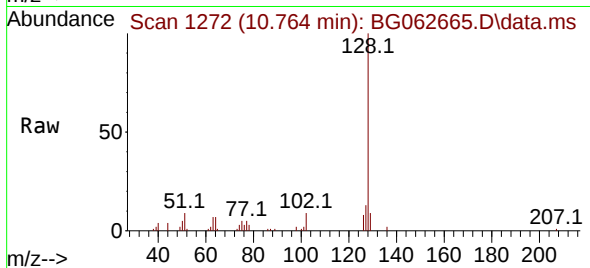
Tgt Ion:180 Resp: 15915
Ion Ratio Lower Upper
180 100
182 90.2 75.1 112.7
145 25.0 20.8 31.2





#31
Naphthalene
Concen: 3.893 ng
RT: 10.764 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

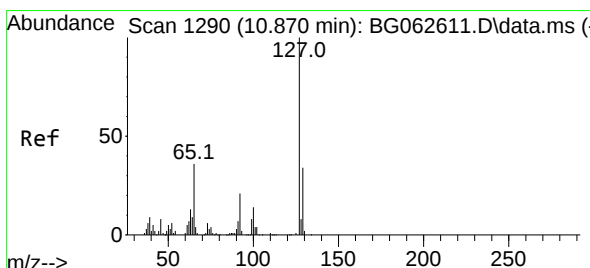
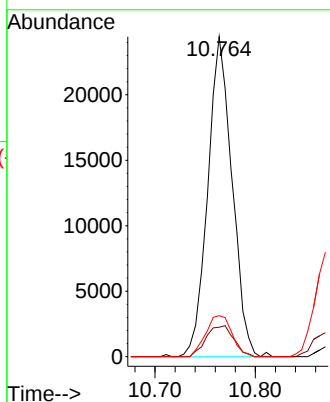
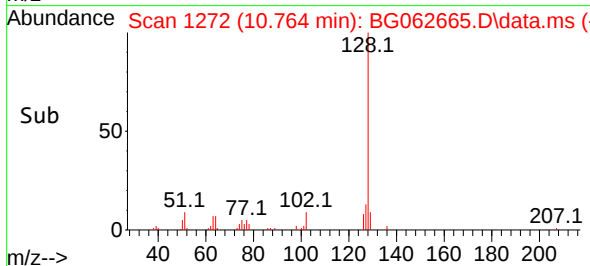


Tgt Ion:128 Resp: 4103
Ion Ratio Lower Upper
128 100
129 9.2 8.8 13.2
127 12.8 11.3 16.9

Manual Integrations
APPROVED

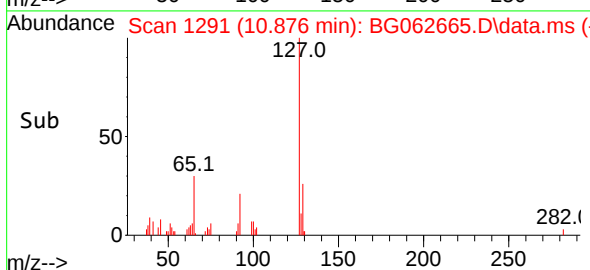
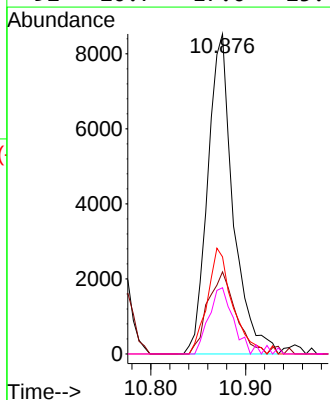
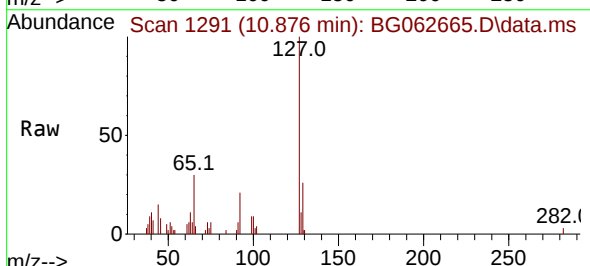
Reviewed By :Jagrut
Upadhyay
09/06/2024

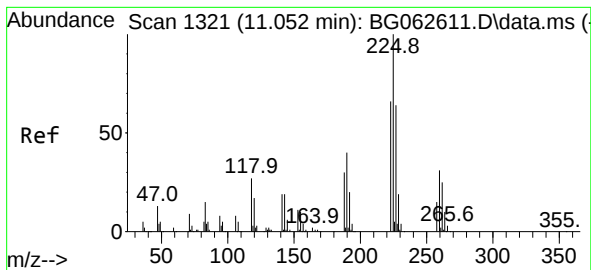
Supervised By :mohammad
ahmed
09/07/2024



#33
4-Chloroaniline
Concen: 3.825 ng
RT: 10.876 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

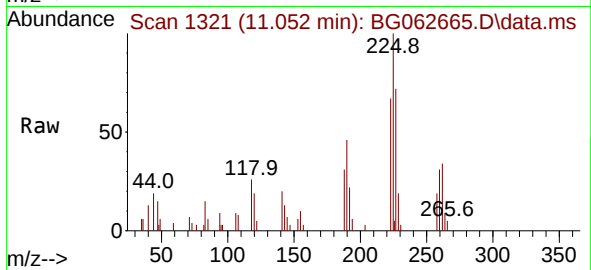
Tgt Ion:127 Resp: 15867
Ion Ratio Lower Upper
127 100
129 28.1 27.3 40.9
65 30.3 29.0 43.4
92 20.7 17.0 25.4





#34
Hexachlorobutadiene
Concen: 3.807 ng
RT: 11.052 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

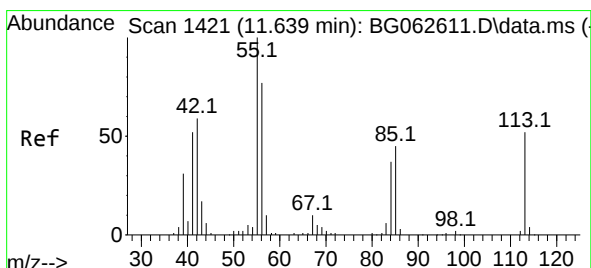
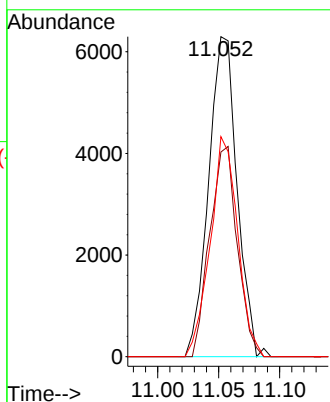
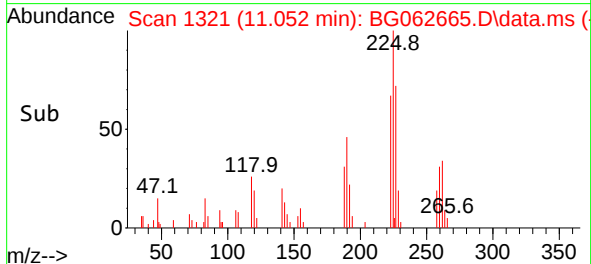


Tgt Ion:225 Resp: 10249
Ion Ratio Lower Upper
225 100
223 63.9 50.1 75.1
227 68.7 48.9 73.3

Manual Integrations
APPROVED

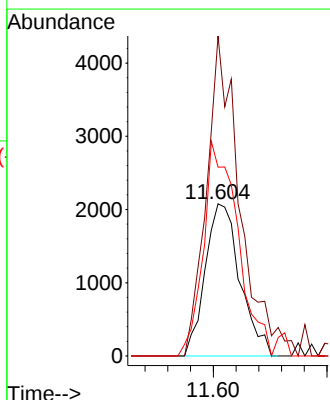
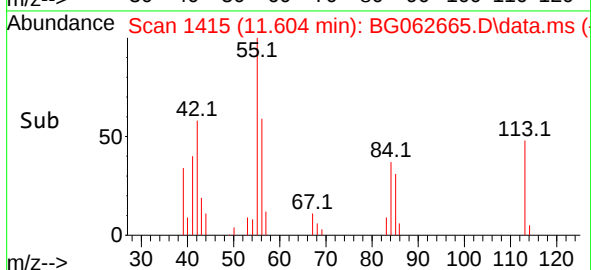
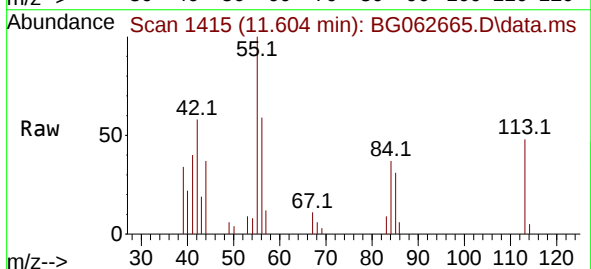
Reviewed By :Jagrut
Upadhyay
09/06/2024

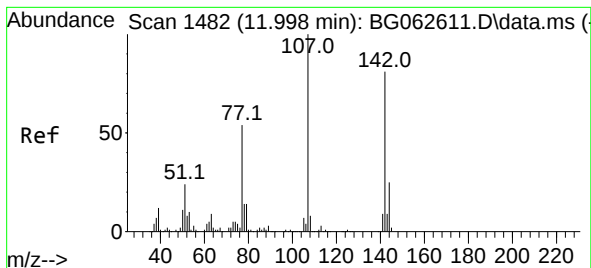
Supervised By :mohammad
ahmed
09/07/2024



#35
Caprolactam
Concen: 3.523 ng
RT: 11.604 min Scan# 1415
Delta R.T. -0.035 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

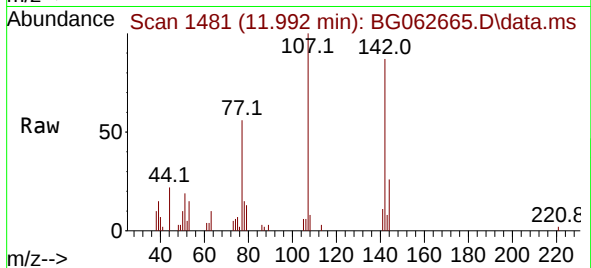
Tgt Ion:113 Resp: 4415
Ion Ratio Lower Upper
113 100
55 210.3 174.1 214.1
56 124.1 129.8 169.8#





#36
4-Chloro-3-methylphenol
Concen: 3.436 ng
RT: 11.992 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

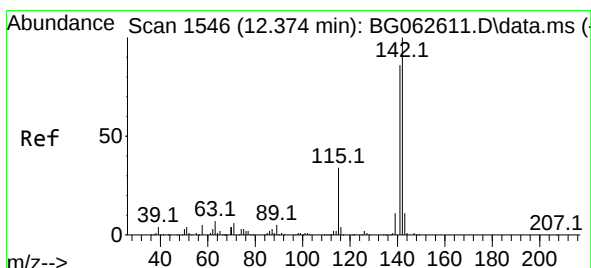
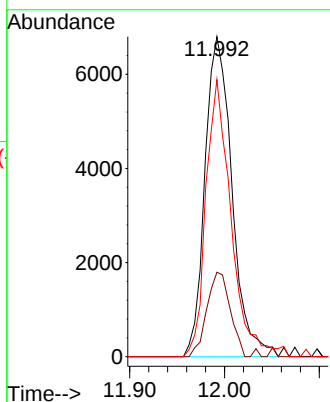
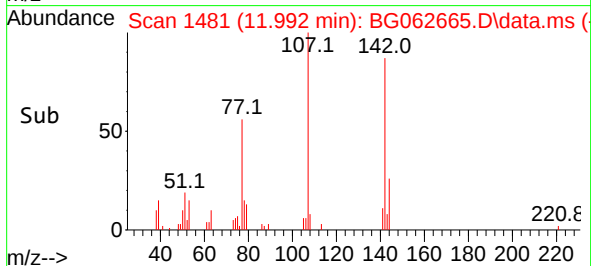


Tgt Ion:107 Resp: 1347
Ion Ratio Lower Upper
107 100
144 26.4 19.8 29.8
142 86.6 64.7 97.1

Manual Integrations
APPROVED

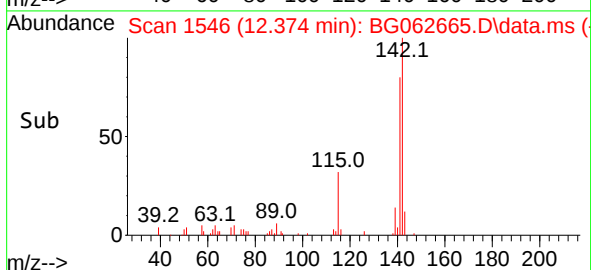
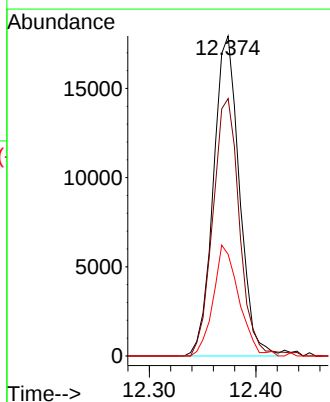
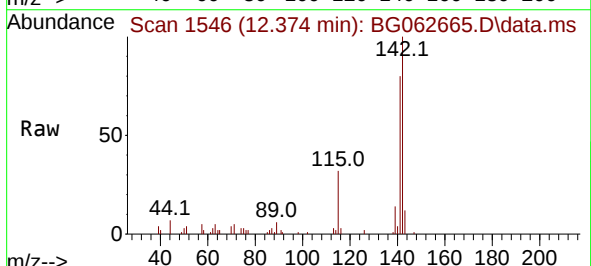
Reviewed By :Jagrut
Upadhyay
09/06/2024

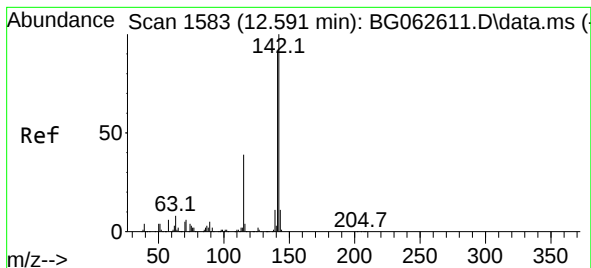
Supervised By :mohammad
ahmed
09/07/2024



#37
2-Methylnaphthalene
Concen: 3.709 ng
RT: 12.374 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

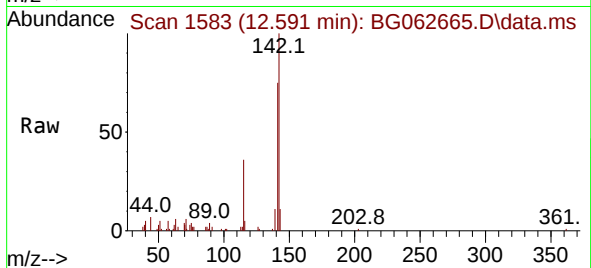
Tgt Ion:142 Resp: 30328
Ion Ratio Lower Upper
142 100
141 80.4 68.9 103.3
115 31.7 27.5 41.3





#38
1-Methylnaphthalene
Concen: 3.593 ng m
RT: 12.591 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

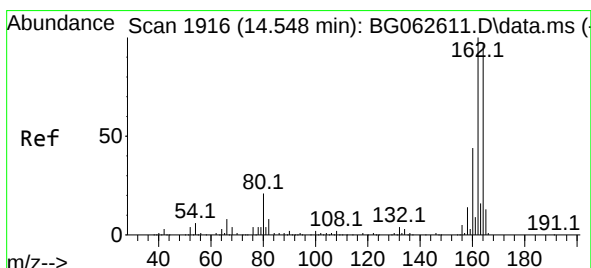
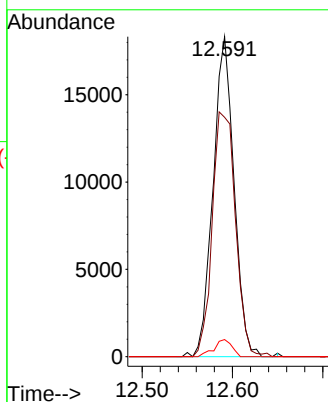
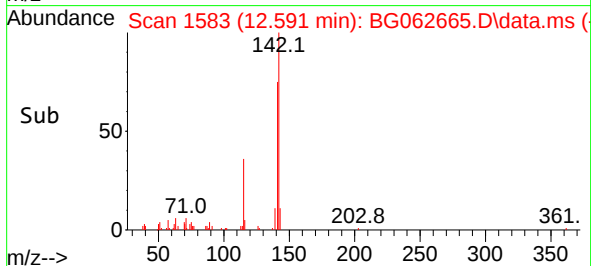


Tgt Ion:142 Resp: 2950
Ion Ratio Lower Upper
142 100
141 74.8 73.0 109.4
116 5.3 3.2 4.8

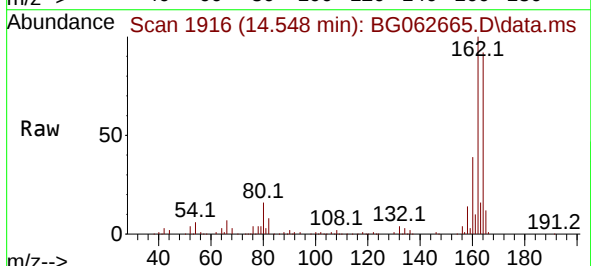
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
09/06/2024

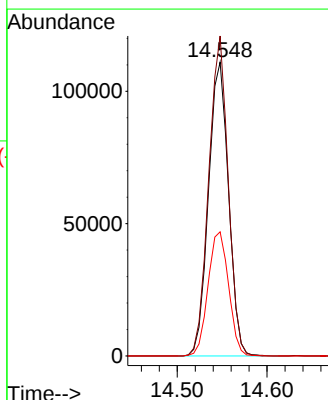
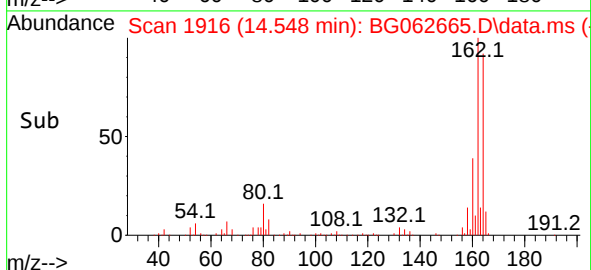
Supervised By :mohammad
ahmed
09/07/2024

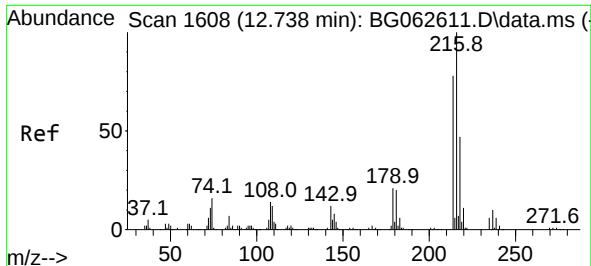


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49



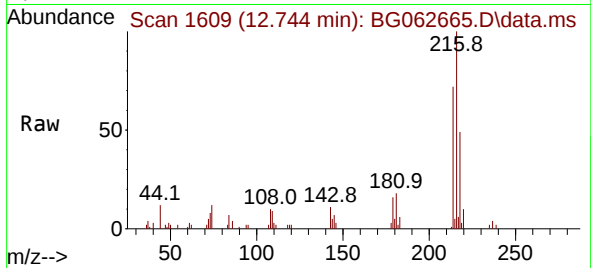
Tgt Ion:164 Resp: 171698
Ion Ratio Lower Upper
164 100
162 108.9 83.1 124.7
160 42.3 36.2 54.4





#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.115 ng
RT: 12.744 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

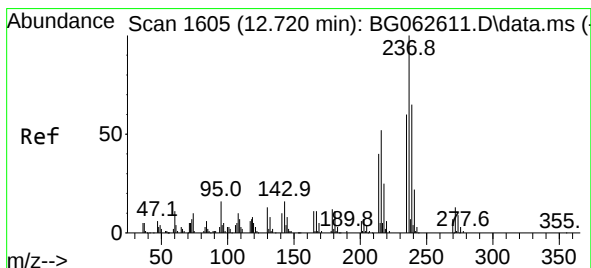
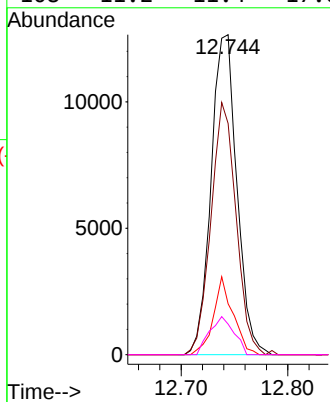
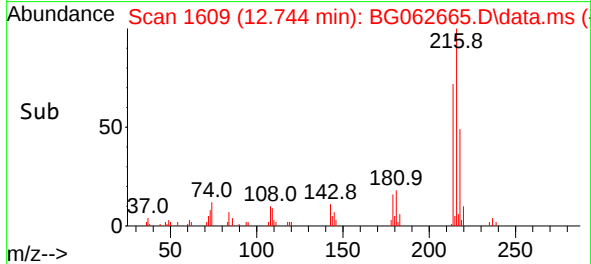


Tgt Ion:216 Resp: 21249
Ion Ratio Lower Upper
216 100
214 76.9 61.6 92.4
179 18.5 15.9 23.9
108 11.2 11.4 17.0

Manual Integrations
APPROVED

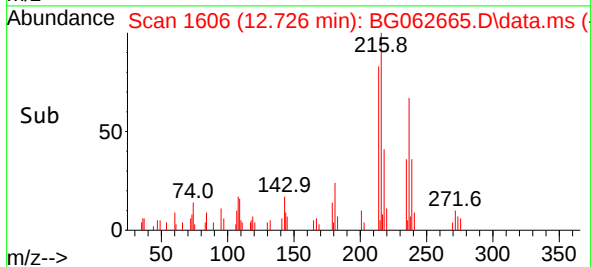
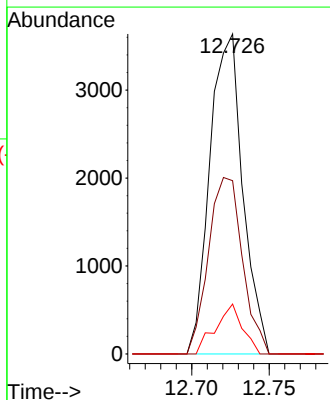
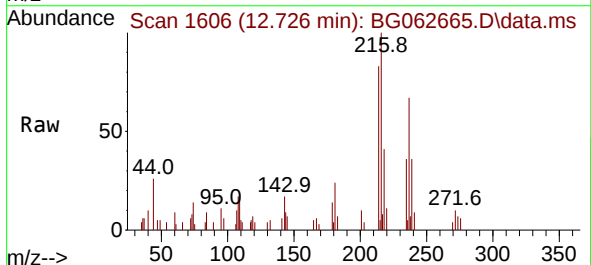
Reviewed By :Jagrut
Upadhyay
09/06/2024

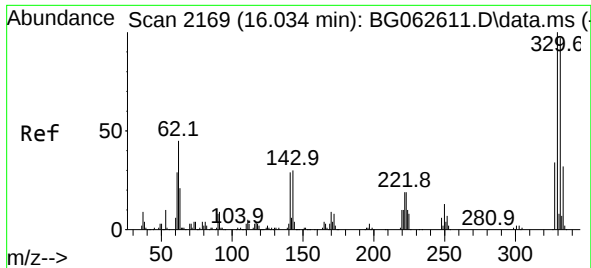
Supervised By :mohammad
ahmed
09/07/2024



#41
Hexachlorocyclopentadiene
Concen: 3.645 ng
RT: 12.726 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

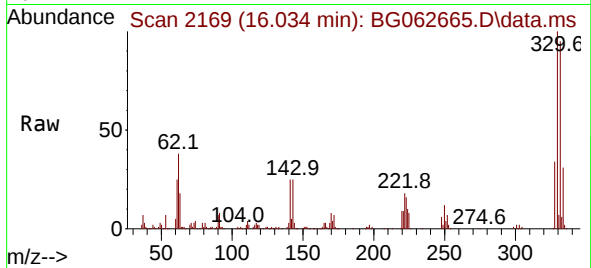
Tgt Ion:237 Resp: 5370
Ion Ratio Lower Upper
237 100
235 54.2 40.4 80.4
272 15.6 0.0 32.7





#42
2,4,6-Tribromophenol
Concen: 137.162 ng
RT: 16.034 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

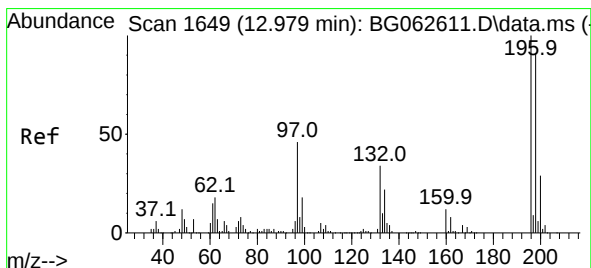
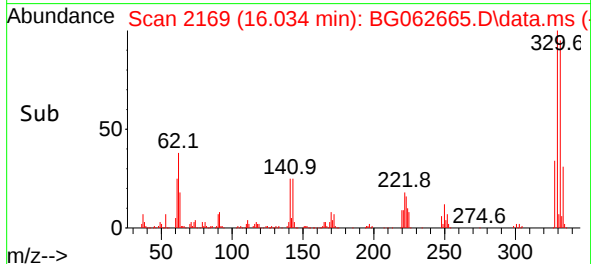
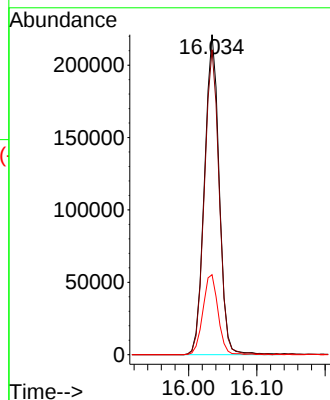


Tgt Ion:330 Resp: 331428
Ion Ratio Lower Upper
330 100
332 95.5 77.2 115.8
141 25.8 22.2 33.4

Manual Integrations
APPROVED

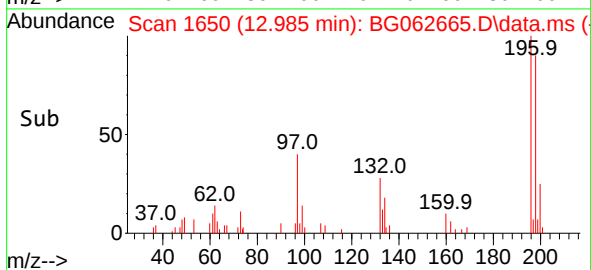
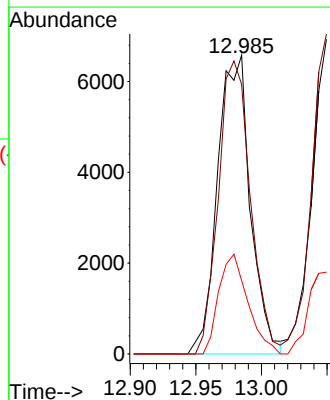
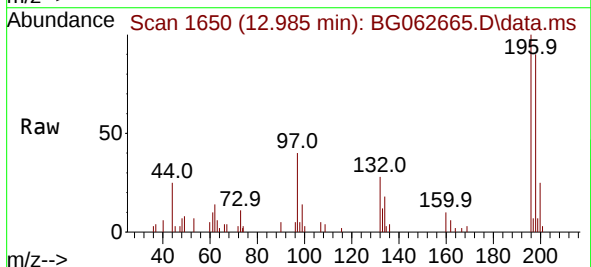
Reviewed By :Jagrut
Upadhyay
09/06/2024

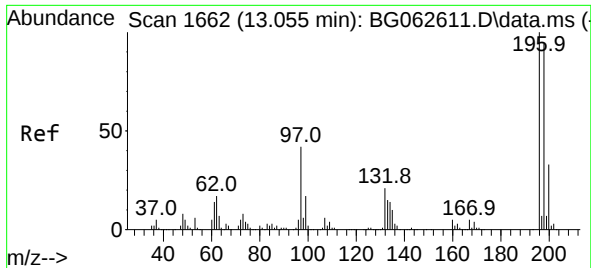
Supervised By :mohammad
ahmed
09/07/2024



#43
2,4,6-Trichlorophenol
Concen: 3.485 ng
RT: 12.985 min Scan# 1650
Delta R.T. 0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

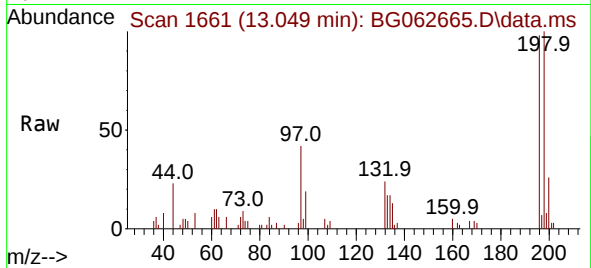
Tgt Ion:196 Resp: 11409
Ion Ratio Lower Upper
196 100
198 90.2 72.8 109.2
200 24.5 23.5 35.3





#44
2,4,5-Trichlorophenol
Concen: 3.465 ng
RT: 13.049 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

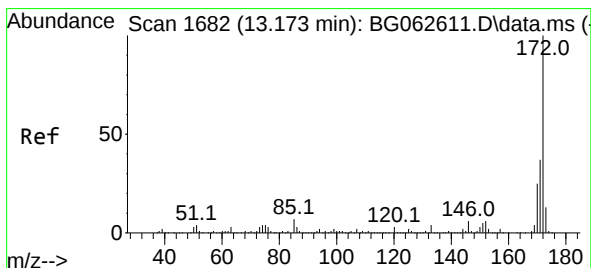
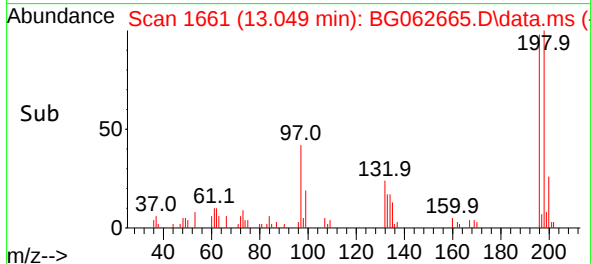
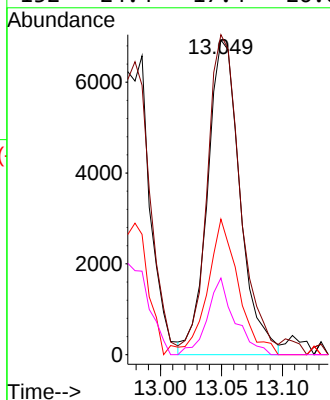


Tgt Ion:196 Resp: 1284
Ion Ratio Lower Upper
196 100
198 101.7 75.5 113.3
97 43.0 34.1 51.1
132 24.4 17.4 26.0

Manual Integrations
APPROVED

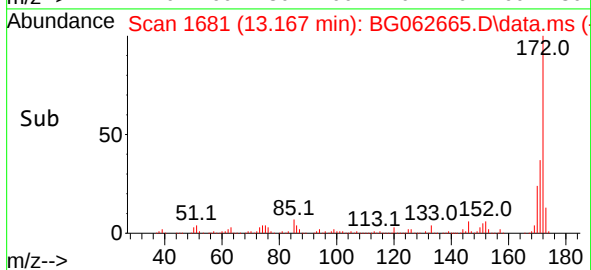
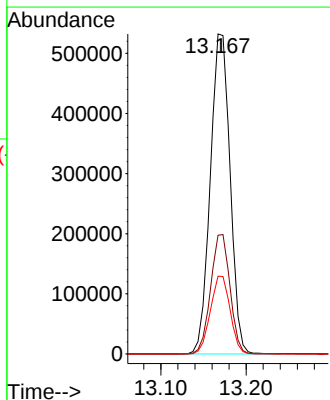
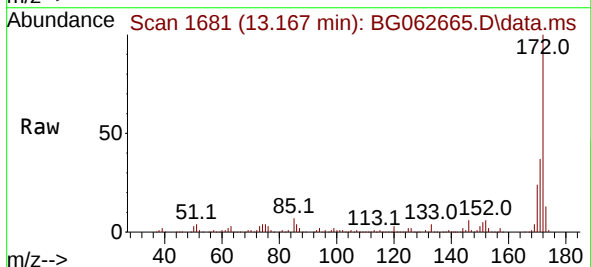
Reviewed By :Jagrut
Upadhyay
09/06/2024

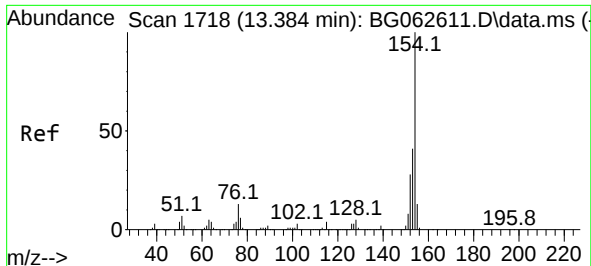
Supervised By :mohammad
ahmed
09/07/2024



#45
2-Fluorobiphenyl
Concen: 80.888 ng
RT: 13.167 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

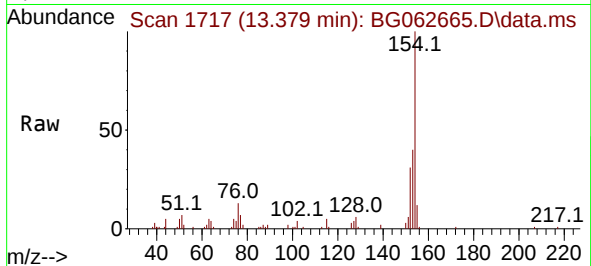
Tgt Ion:172 Resp: 857413
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.3 20.0 30.0





#46
1,1'-Biphenyl
Concen: 4.042 ng
RT: 13.379 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT2-2024

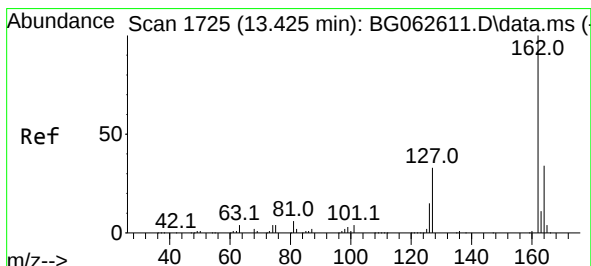
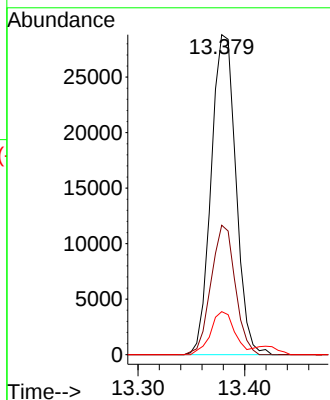
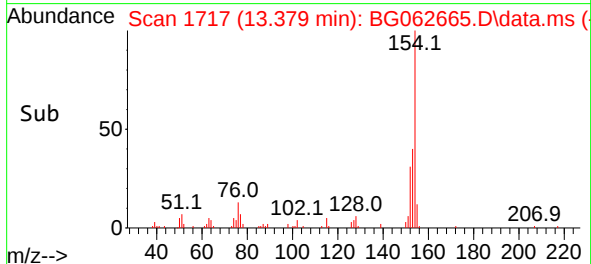


Tgt Ion:154 Resp: 4630
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 13.5 0.0 33.4

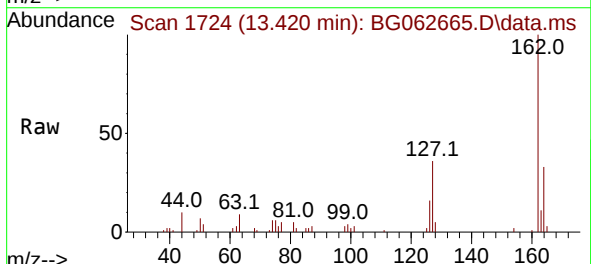
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
09/06/2024

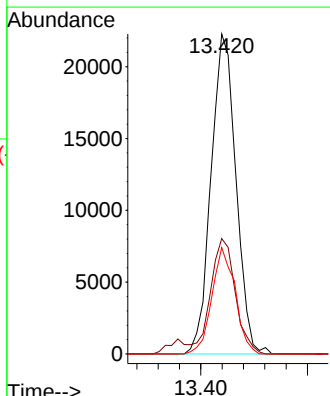
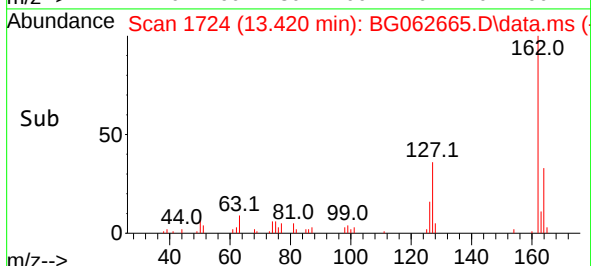
Supervised By :mohammad
ahmed
09/07/2024

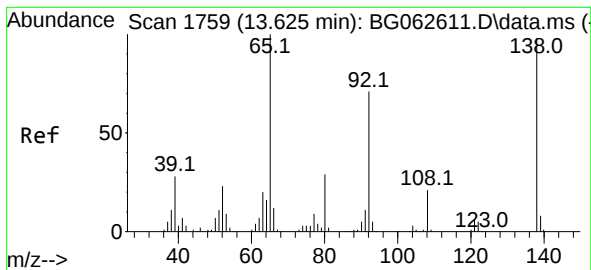


#47
2-Chloronaphthalene
Concen: 3.880 ng
RT: 13.420 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49



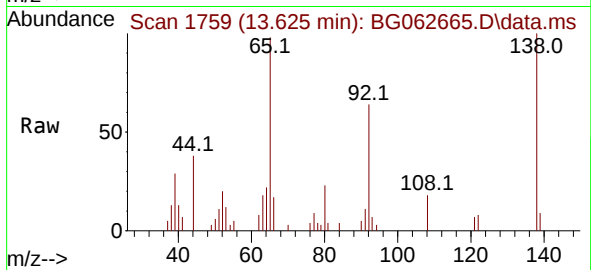
Tgt Ion:162 Resp: 36016
Ion Ratio Lower Upper
162 100
127 36.1 28.7 43.1
164 33.3 26.9 40.3





#48
2-Nitroaniline
Concen: 3.815 ng
RT: 13.625 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

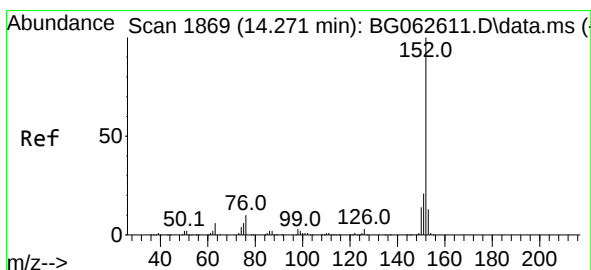
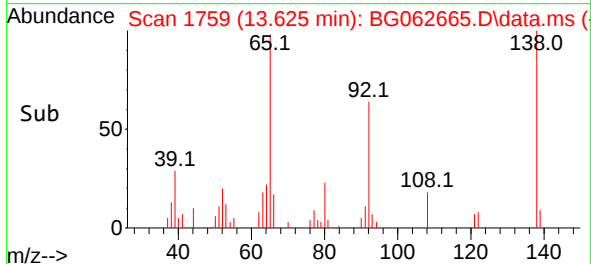
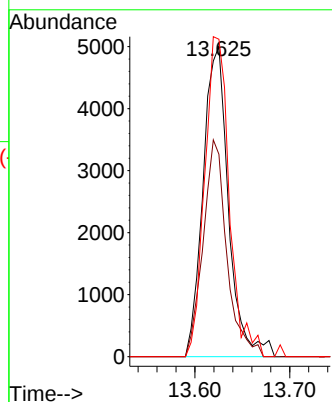


Tgt Ion: 65 Resp: 9310
Ion Ratio Lower Upper
65 100
92 65.2 56.6 84.8
138 102.3 78.7 118.1

Manual Integrations
APPROVED

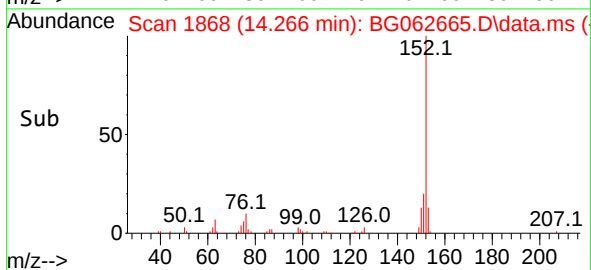
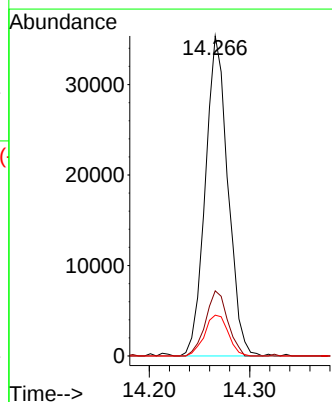
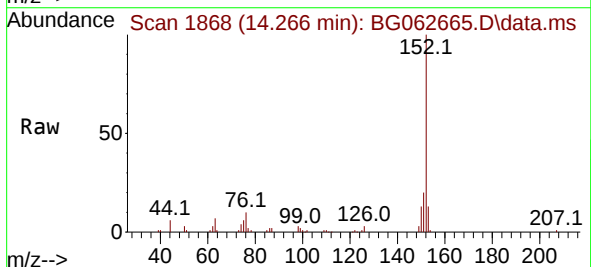
Reviewed By :Jagrut
Upadhyay
09/06/2024

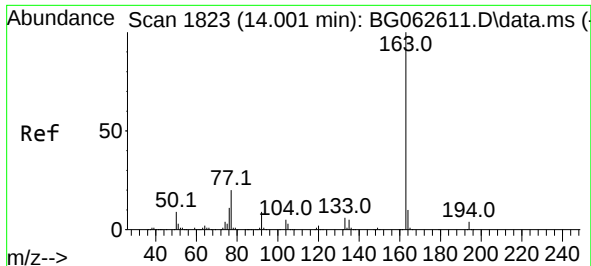
Supervised By :mohammad
ahmed
09/07/2024



#49
Acenaphthylene
Concen: 4.033 ng
RT: 14.266 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

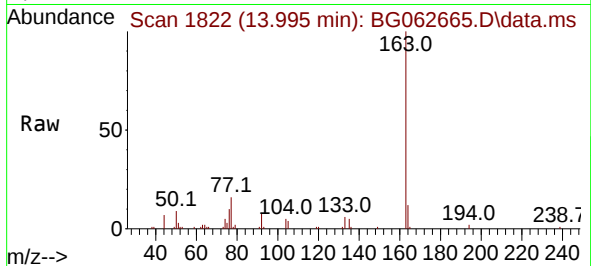
Tgt Ion:152 Resp: 55450
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8
153 12.8 10.2 15.4





#50
Dimethylphthalate
Concen: 3.817 ng
RT: 13.995 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

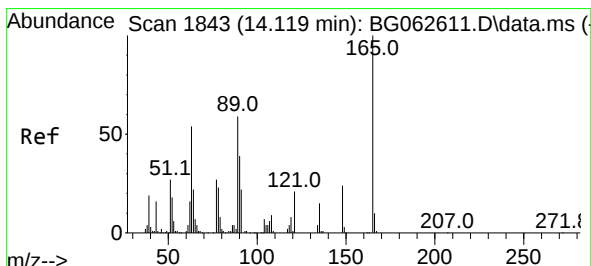
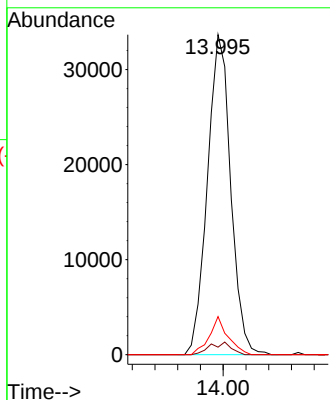
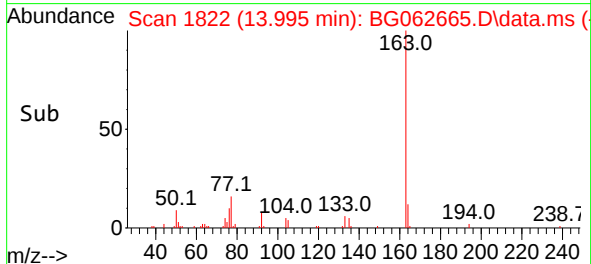


Tgt Ion:163 Resp: 47920
Ion Ratio Lower Upper
163 100
194 2.3 2.9 4.3
164 11.9 8.3 12.5

Manual Integrations
APPROVED

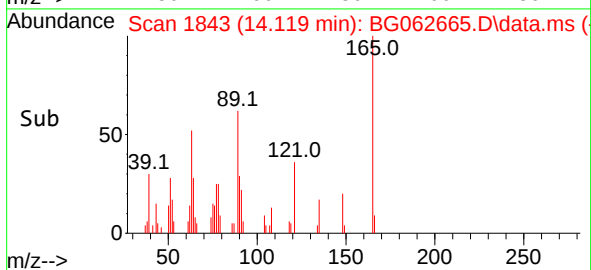
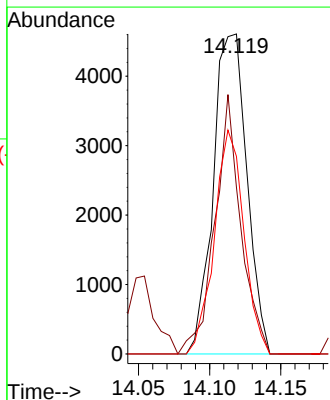
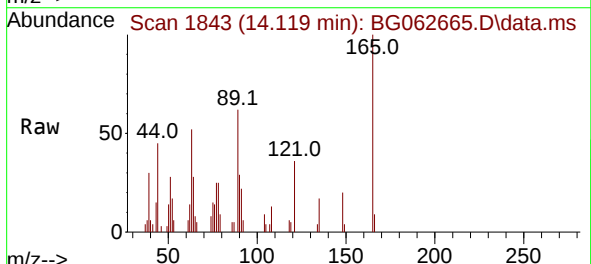
Reviewed By :Jagrut
Upadhyay
09/06/2024

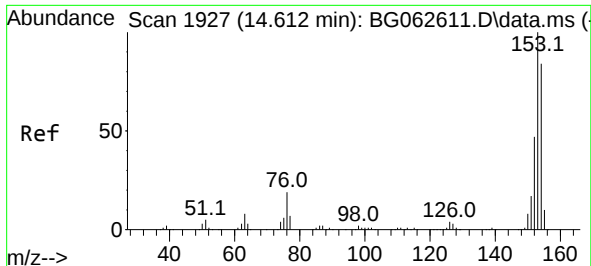
Supervised By :mohammad
ahmed
09/07/2024



#51
2,6-Dinitrotoluene
Concen: 3.197 ng
RT: 14.119 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

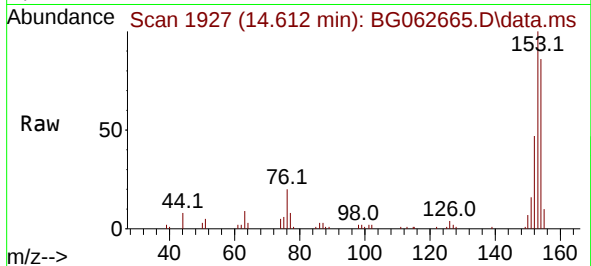
Tgt Ion:165 Resp: 7591
Ion Ratio Lower Upper
165 100
63 52.1 46.6 69.8
89 61.8 47.2 70.8





#52
Acenaphthene
Concen: 3.696 ng
RT: 14.612 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

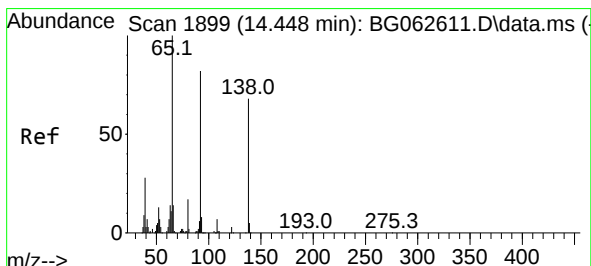
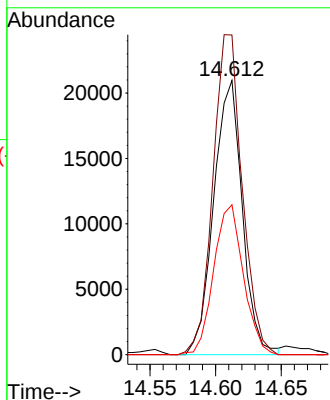
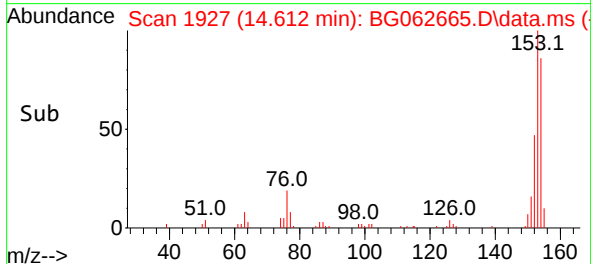


Tgt Ion:154 Resp: 3176
Ion Ratio Lower Upper
154 100
153 116.6 95.0 142.4
152 54.7 45.0 67.6

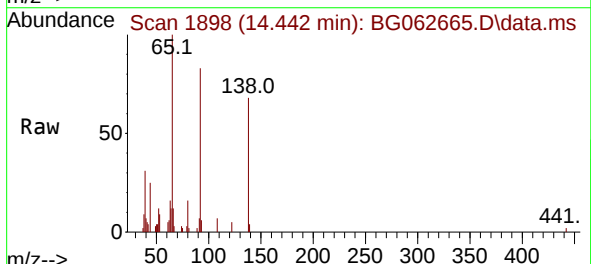
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
09/06/2024

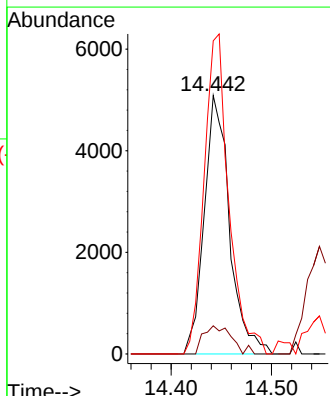
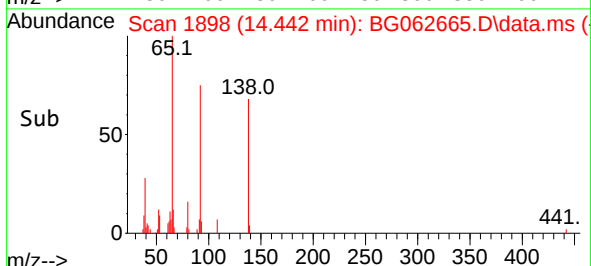
Supervised By :mohammad
ahmed
09/07/2024

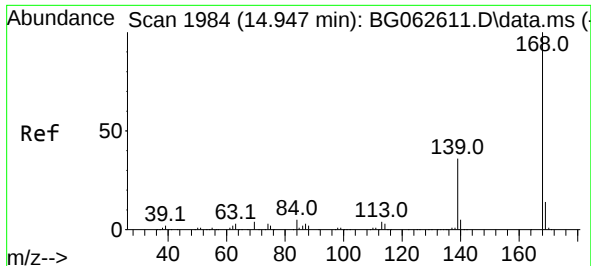


#53
3-Nitroaniline
Concen: 3.888 ng
RT: 14.442 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49



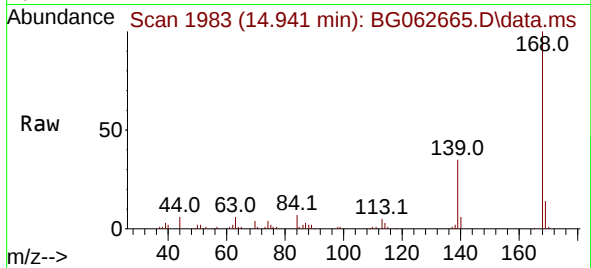
Tgt Ion:138 Resp: 8933
Ion Ratio Lower Upper
138 100
108 10.9 8.6 13.0
92 121.2 95.7 143.5





#55
Dibenzenofuran
Concen: 4.022 ng
RT: 14.941 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

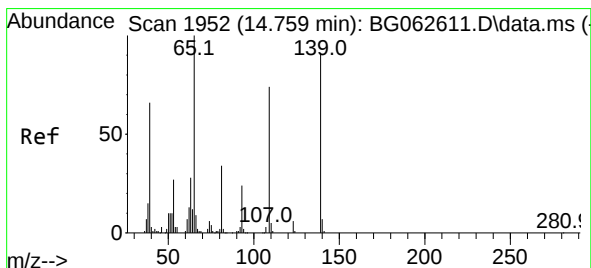
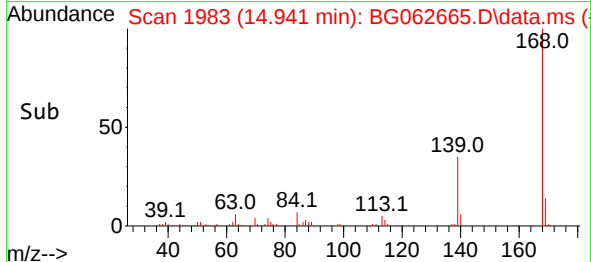
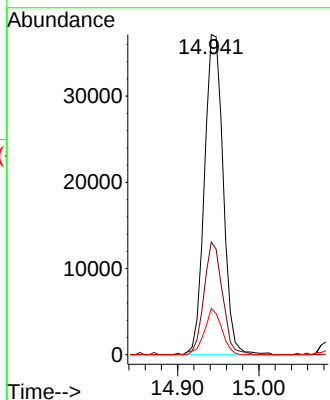


Tgt Ion:168 Resp: 59270
Ion Ratio Lower Upper
168 100
139 35.2 28.6 42.8
169 14.5 11.0 16.6

Manual Integrations
APPROVED

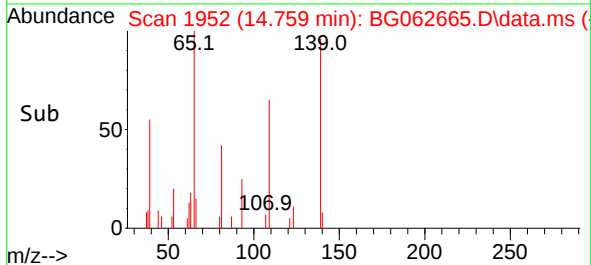
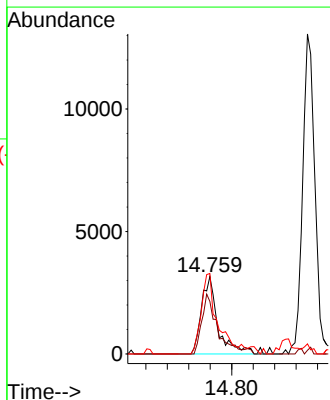
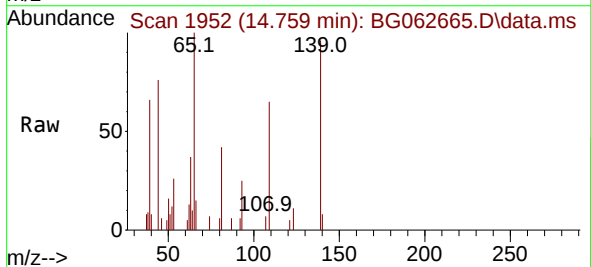
Reviewed By :Jagrut
Upadhyay
09/06/2024

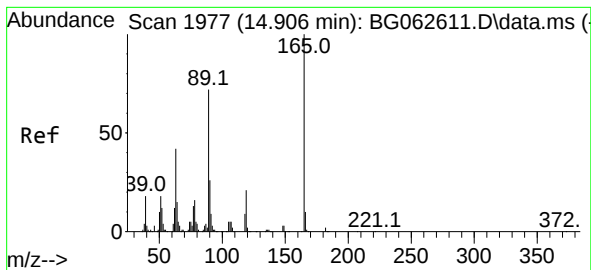
Supervised By :mohammad
ahmed
09/07/2024



#56
4-Nitrophenol
Concen: 3.529 ng m
RT: 14.759 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

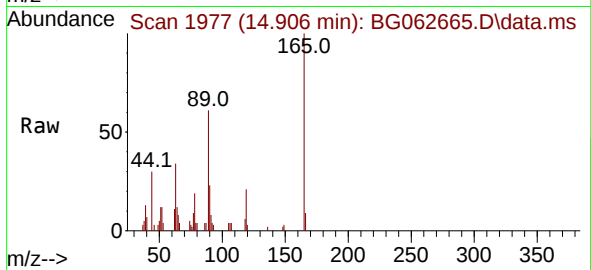
Tgt Ion:139 Resp: 6873
Ion Ratio Lower Upper
139 100
109 67.6 61.2 101.2
65 103.8 90.2 130.2





#57
2,4-Dinitrotoluene
Concen: 3.695 ng
RT: 14.906 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

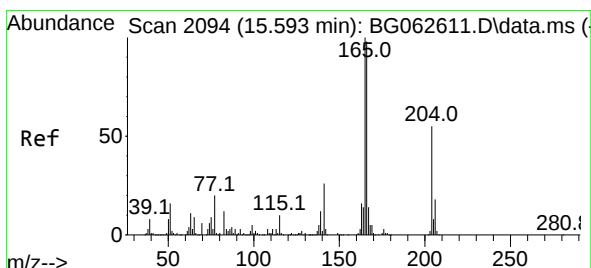
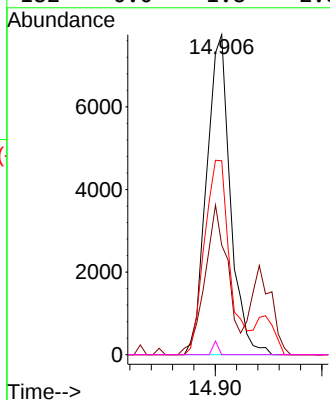
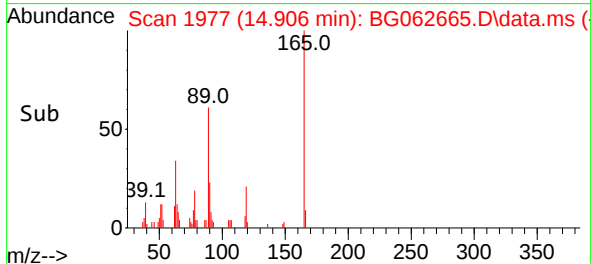


Tgt Ion:	165	Resp:	1197
Ion Ratio	Lower	Upper	
165	100		
63	34.2	33.8	50.6
89	60.6	57.9	86.9
182	0.0	1.8	2.8

Manual Integrations
APPROVED

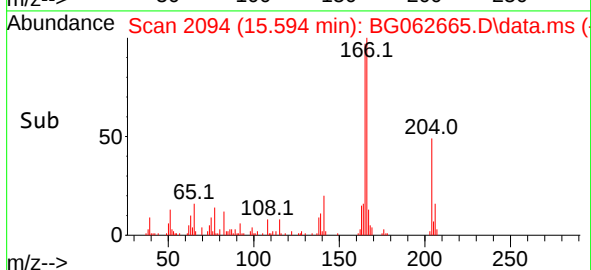
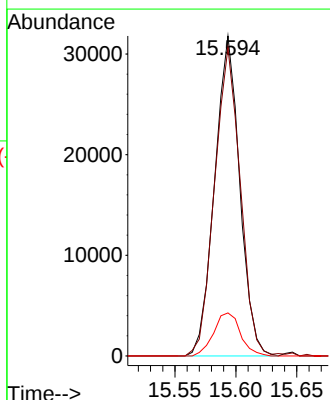
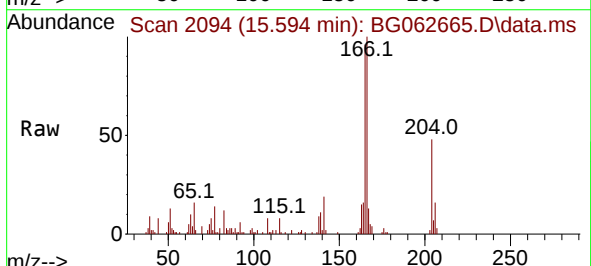
Reviewed By :Jagrut
Upadhyay
09/06/2024

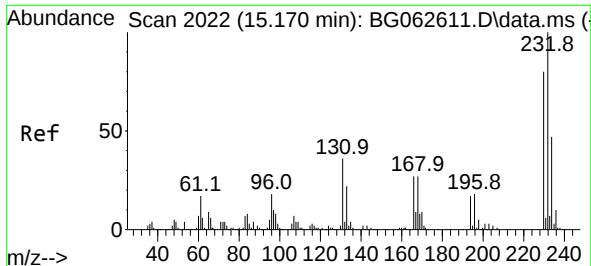
Supervised By :mohammad
ahmed
09/07/2024



#58
Fluorene
Concen: 3.932 ng
RT: 15.594 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

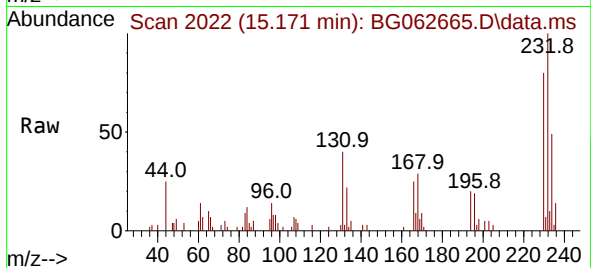
Tgt Ion:	166	Resp:	45481
Ion Ratio	Lower	Upper	
166	100		
165	96.4	82.0	123.0
167	13.4	11.3	16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.045 ng
RT: 15.171 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

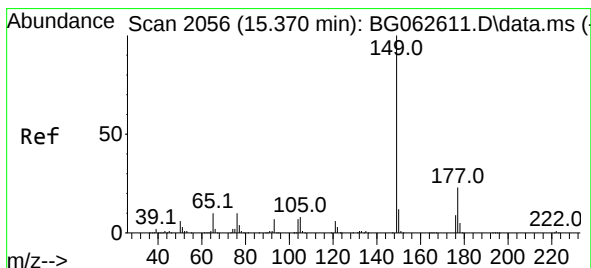
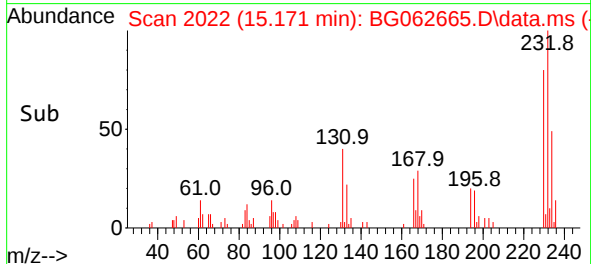
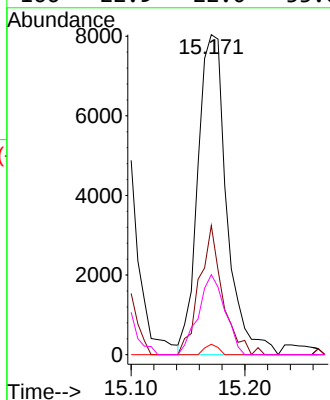


Tgt Ion:232 Resp: 14204
Ion Ratio Lower Upper
232 100
131 32.5 28.3 42.5
130 1.5 1.7 2.5
166 22.9 22.0 33.0

Manual Integrations
APPROVED

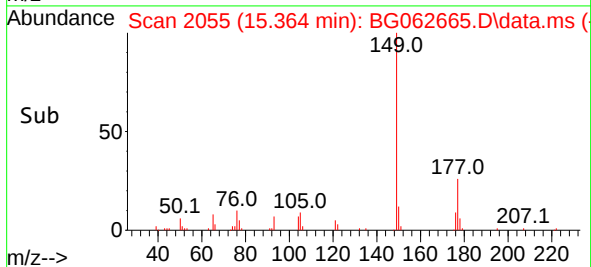
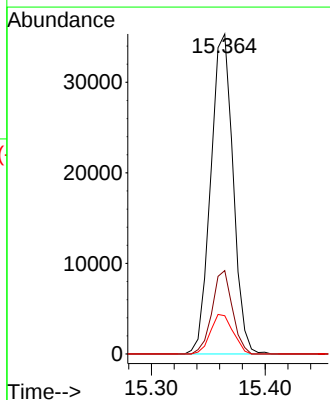
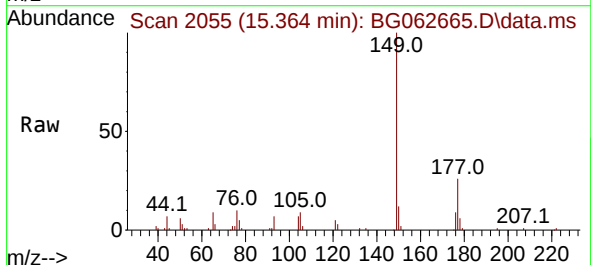
Reviewed By :Jagrut
Upadhyay
09/06/2024

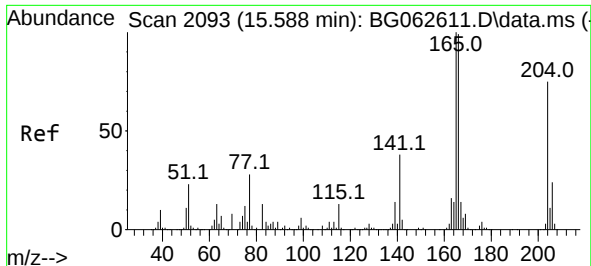
Supervised By :mohammad
ahmed
09/07/2024



#60
Diethylphthalate
Concen: 3.865 ng
RT: 15.364 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

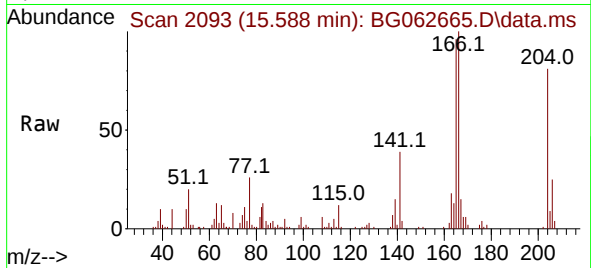
Tgt Ion:149 Resp: 48101
Ion Ratio Lower Upper
149 100
177 26.1 18.0 27.0
150 11.9 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 4.086 ng
RT: 15.588 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

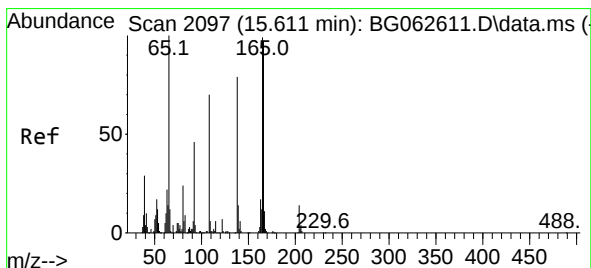
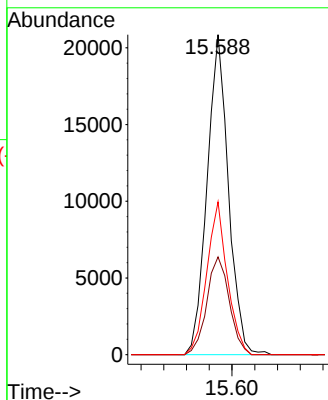
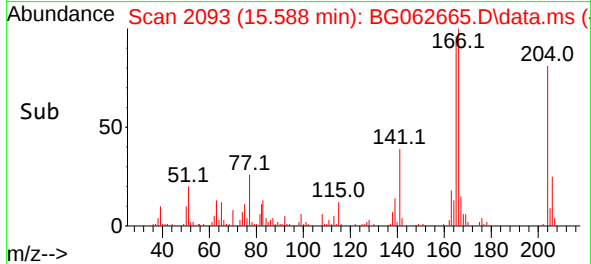


Tgt Ion:204 Resp: 2713
Ion Ratio Lower Upper
204 100
206 30.5 25.9 38.9
141 47.7 41.0 61.6

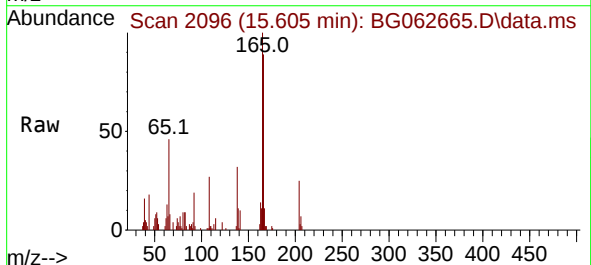
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
09/06/2024

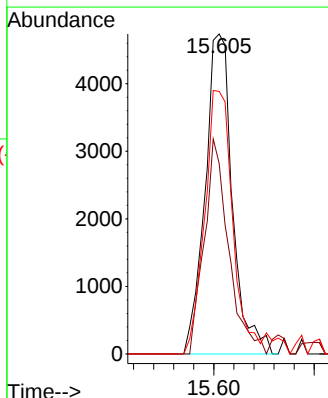
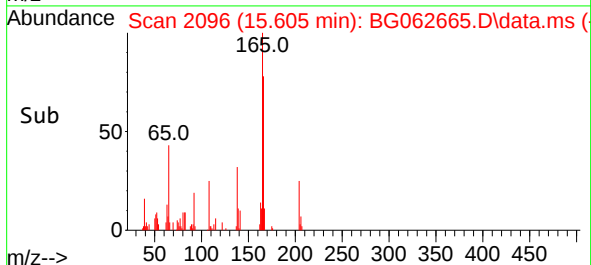
Supervised By :mohammad
ahmed
09/07/2024

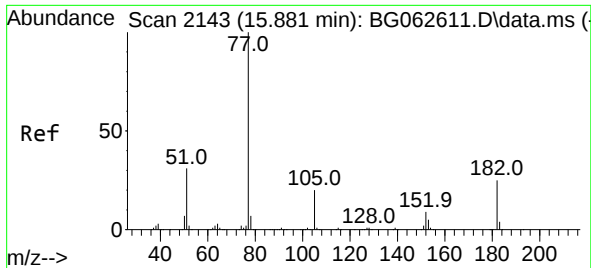


#62
4-Nitroaniline
Concen: 3.547 ng
RT: 15.605 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49



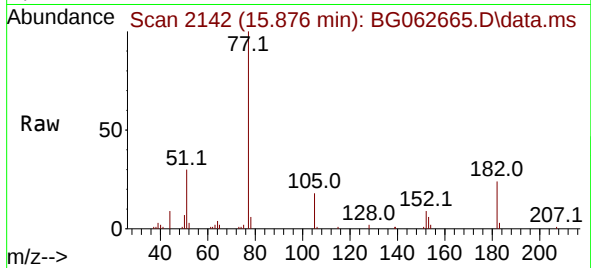
Tgt Ion:138 Resp: 8987
Ion Ratio Lower Upper
138 100
92 59.6 38.4 78.4
108 82.0 69.0 109.0





#63
Azobenzene
Concen: 3.710 ng
RT: 15.876 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

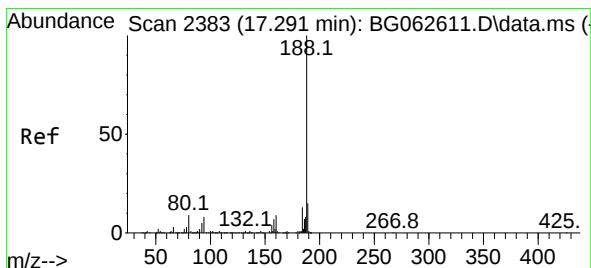
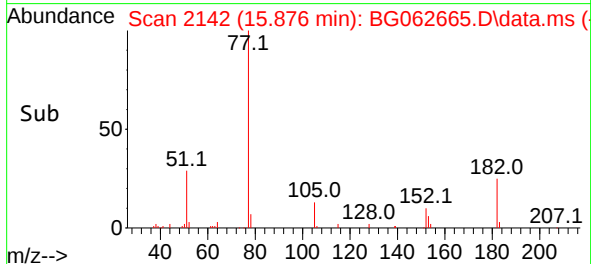
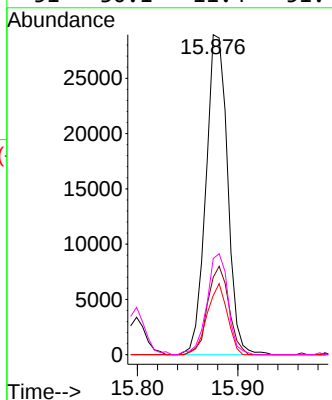


Tgt Ion: 77 Resp: 4334
Ion Ratio Lower Upper
77 100
182 24.2 5.0 45.0
105 18.5 0.5 40.5
51 30.1 11.4 51.4

Manual Integrations
APPROVED

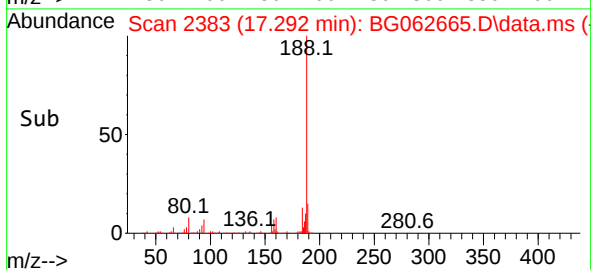
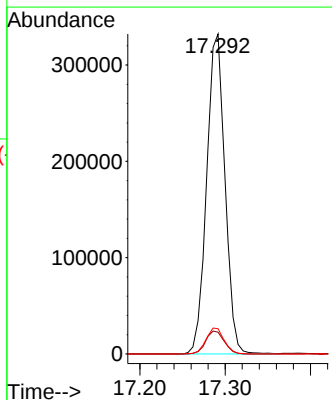
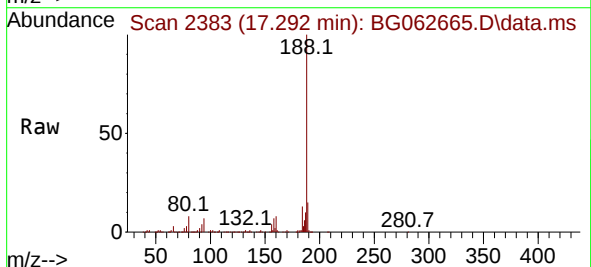
Reviewed By :Jagrut
Upadhyay
09/06/2024

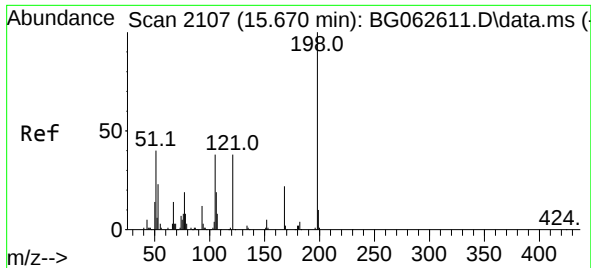
Supervised By :mohammad
ahmed
09/07/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2383
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

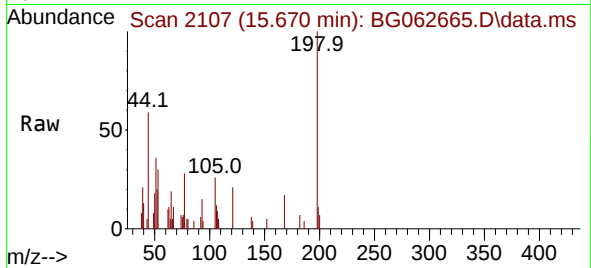
Tgt Ion:188 Resp: 495110
Ion Ratio Lower Upper
188 100
94 6.8 6.3 9.5
80 7.9 7.0 10.4





#65
4,6-Dinitro-2-methylphenol
Concen: 2.684 ng
RT: 15.670 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

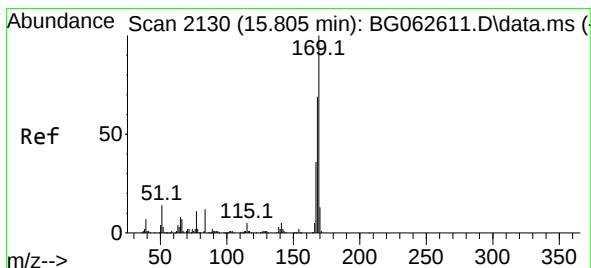
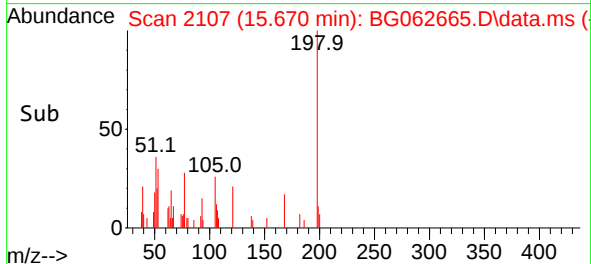
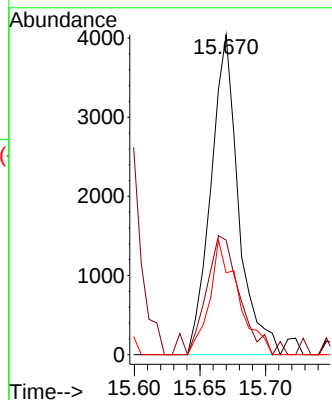


Tgt Ion:198 Resp: 5930
Ion Ratio Lower Upper
198 100
51 35.8 25.1 65.1
105 25.6 18.3 58.3

Manual Integrations
APPROVED

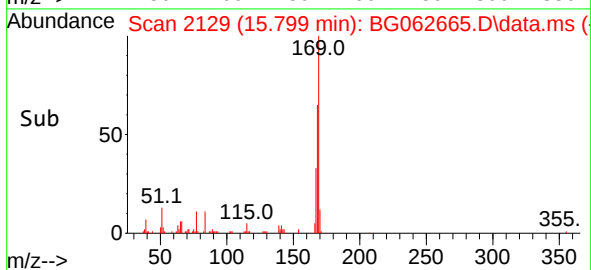
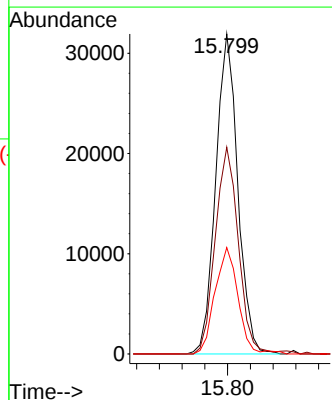
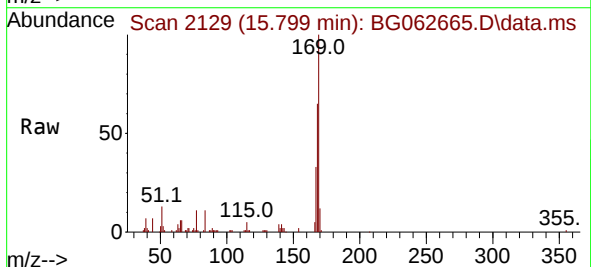
Reviewed By :Jagrut
Upadhyay
09/06/2024

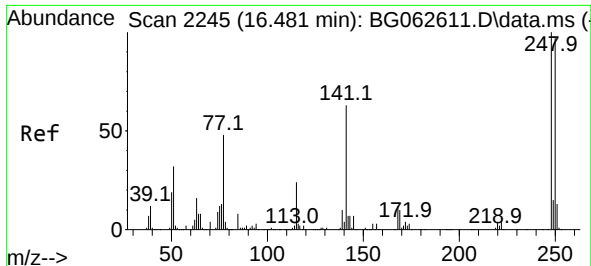
Supervised By :mohammad
ahmed
09/07/2024



#66
n-Nitrosodiphenylamine
Concen: 3.614 ng
RT: 15.799 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

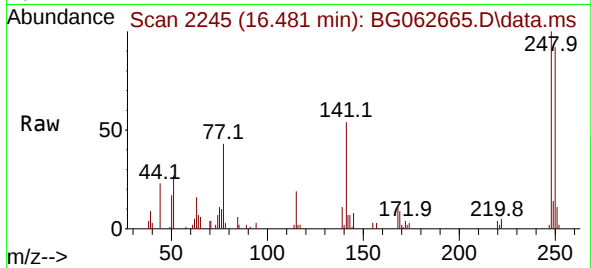
Tgt Ion:169 Resp: 43019
Ion Ratio Lower Upper
169 100
168 64.6 55.4 83.2
167 33.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 3.751 ng
RT: 16.481 min Scan# 211
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

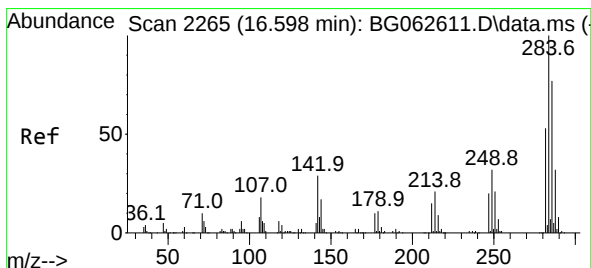
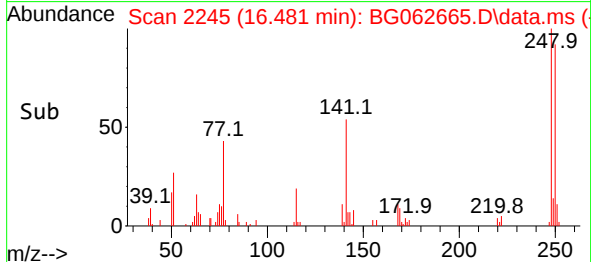
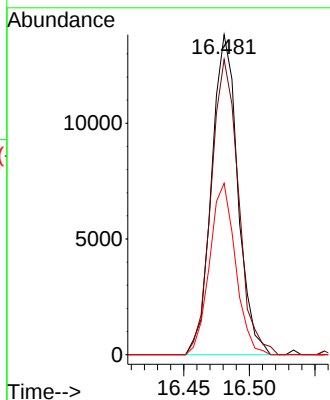


Tgt Ion:248 Resp: 19169
Ion Ratio Lower Upper
248 100
250 92.2 77.9 116.9
141 53.6 50.2 75.2

Manual Integrations
APPROVED

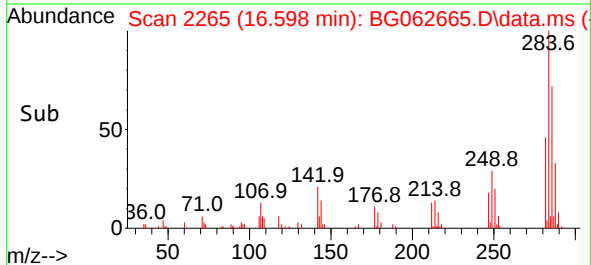
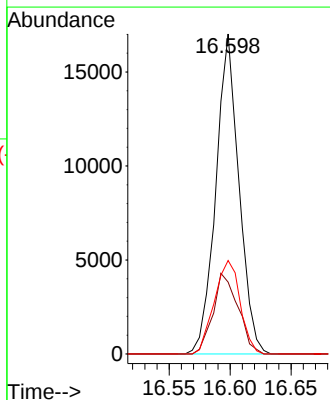
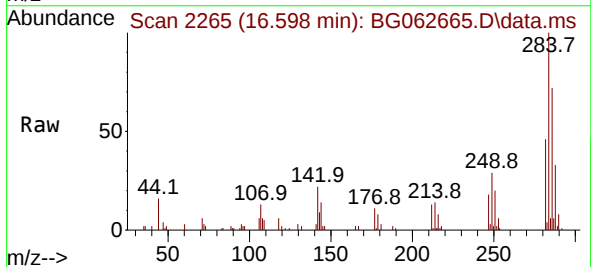
Reviewed By :Jagrut
Upadhyay
09/06/2024

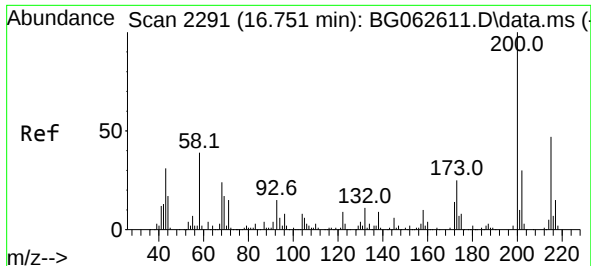
Supervised By :mohammad
ahmed
09/07/2024



#68
Hexachlorobenzene
Concen: 3.719 ng
RT: 16.598 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

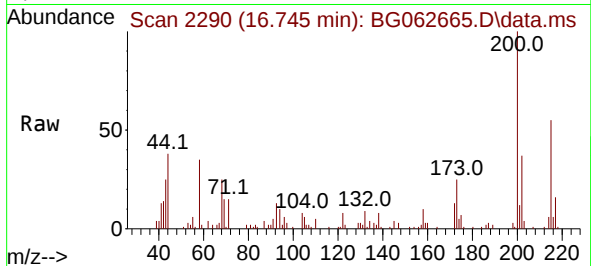
Tgt Ion:284 Resp: 22505
Ion Ratio Lower Upper
284 100
142 22.4 23.5 35.3#
249 30.9 25.4 38.0





#69
 Atrazine
 Concen: 4.850 ng
 RT: 16.745 min Scan# 2190
 Delta R.T. -0.006 min
 Lab File: BG062665.D
 Acq: 5 Sep 2024 13:49

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

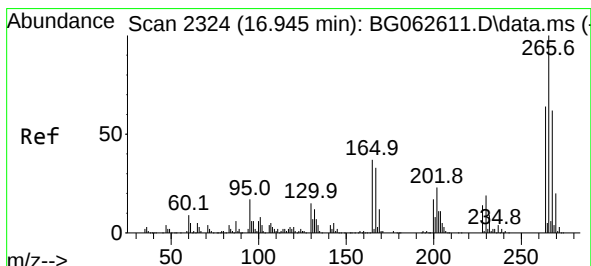
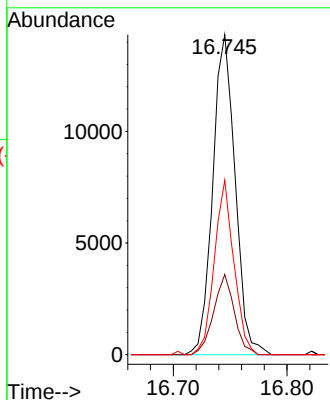
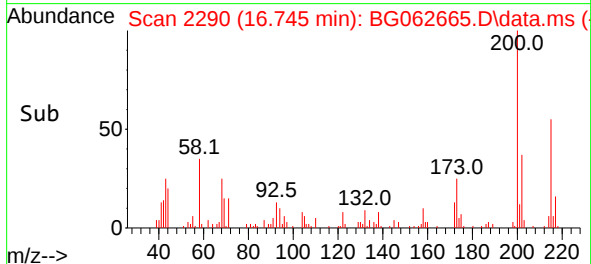


Tgt Ion:200 Resp: 19608
 Ion Ratio Lower Upper
 200 100
 173 25.1 5.2 45.2
 215 54.5 27.3 67.3

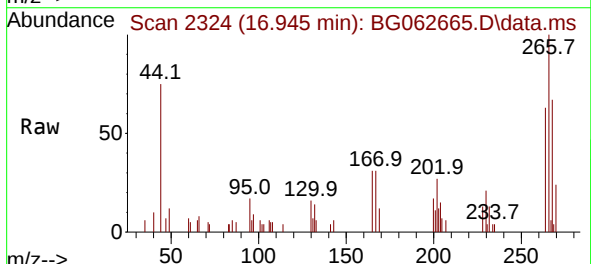
Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay
 09/06/2024

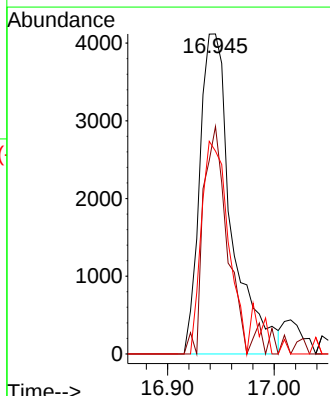
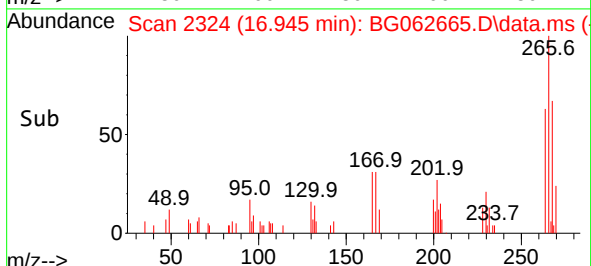
Supervised By :mohammad
 ahmed
 09/07/2024

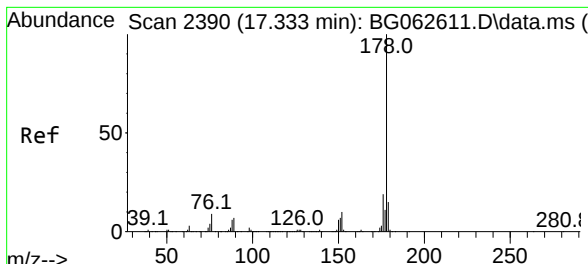


#70
 Pentachlorophenol
 Concen: 2.213 ng
 RT: 16.945 min Scan# 2324
 Delta R.T. -0.000 min
 Lab File: BG062665.D
 Acq: 5 Sep 2024 13:49



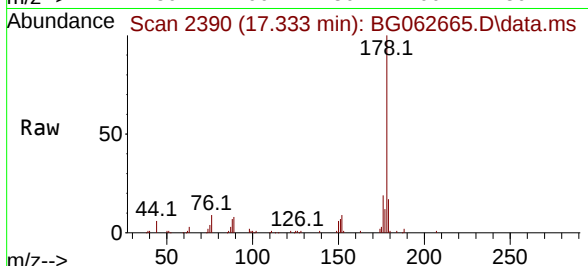
Tgt Ion:266 Resp: 8578
 Ion Ratio Lower Upper
 266 100
 268 71.1 52.6 79.0
 264 63.4 51.6 77.4





#71
Phenanthrene
Concen: 3.970 ng
RT: 17.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

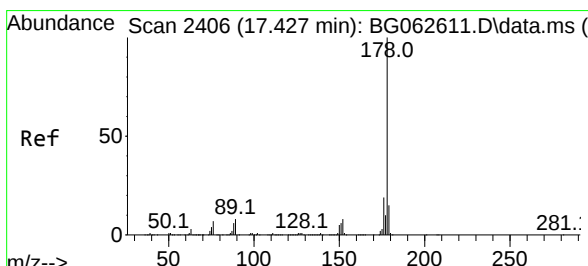
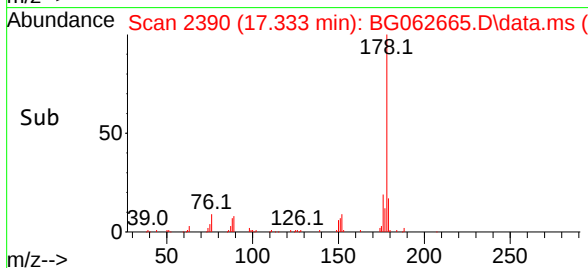
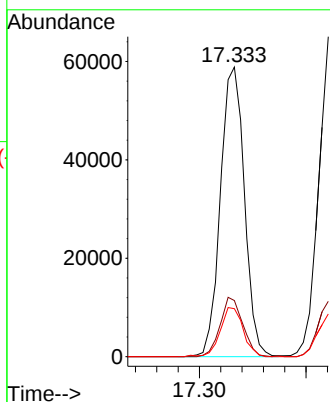


Tgt Ion:178 Resp: 9175
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.6 12.2 18.4

Manual Integrations
APPROVED

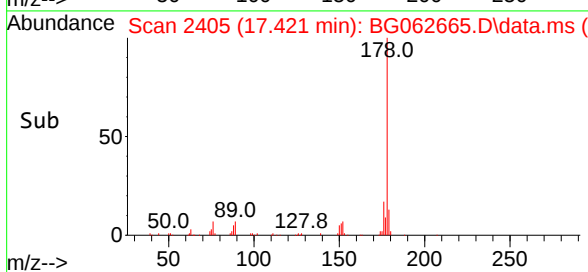
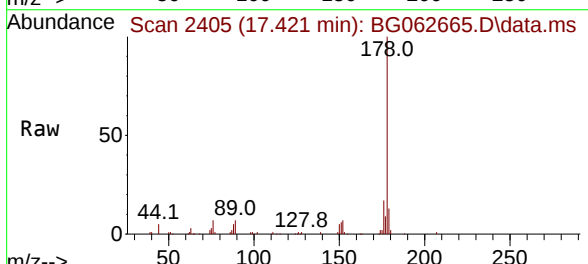
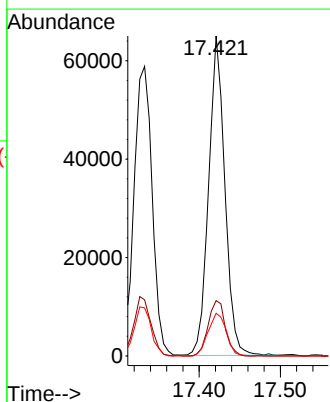
Reviewed By :Jagrut
Upadhyay
09/06/2024

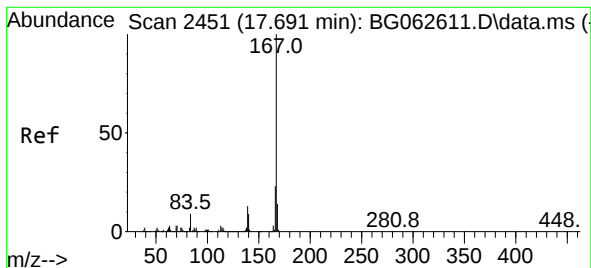
Supervised By :mohammad
ahmed
09/07/2024



#72
Anthracene
Concen: 3.969 ng
RT: 17.421 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

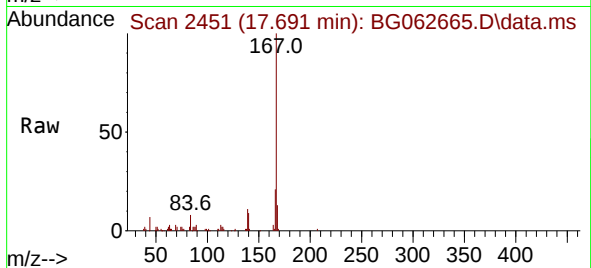
Tgt Ion:178 Resp: 90193
Ion Ratio Lower Upper
178 100
176 17.3 15.2 22.8
179 13.3 12.0 18.0





#73
 Carbazole
 Concen: 3.944 ng
 RT: 17.691 min Scan# 2451
 Delta R.T. 0.000 min
 Lab File: BG062665.D
 Acq: 5 Sep 2024 13:49

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

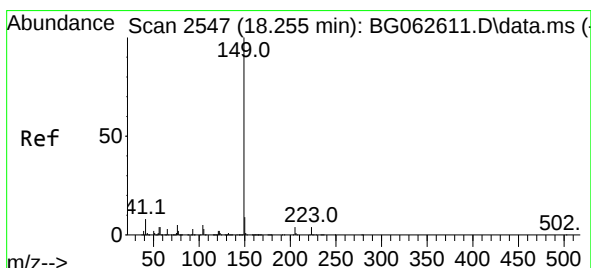
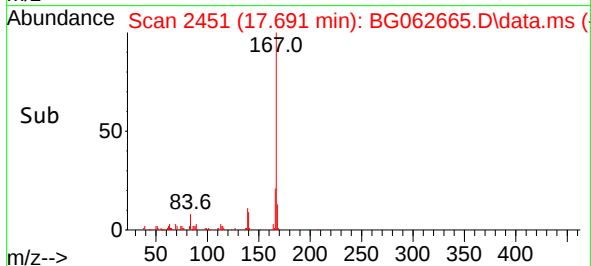
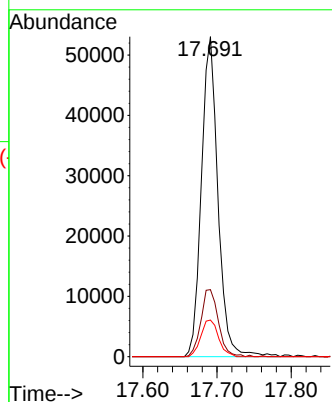


Tgt Ion:167 Resp: 82390
 Ion Ratio Lower Upper
 167 100
 166 20.9 18.2 27.2
 139 11.4 10.1 15.1

Manual Integrations
 APPROVED

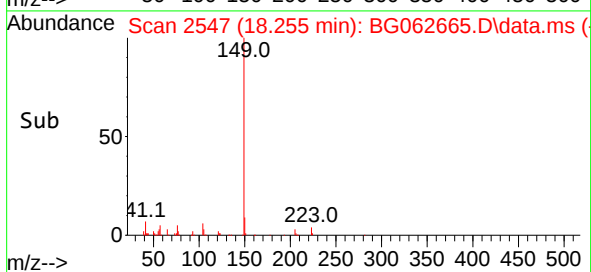
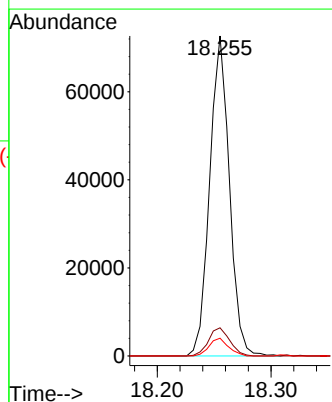
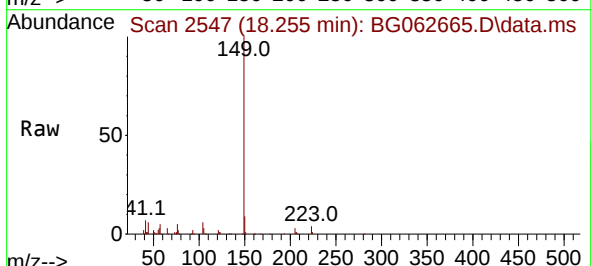
Reviewed By :Jagrut
 Upadhyay
 09/06/2024

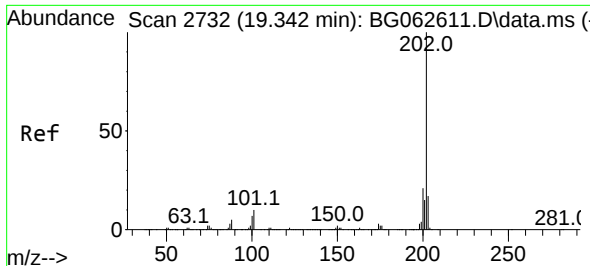
Supervised By :mohammad
 ahmed
 09/07/2024



#74
 Di-n-butylphthalate
 Concen: 3.711 ng
 RT: 18.255 min Scan# 2547
 Delta R.T. 0.000 min
 Lab File: BG062665.D
 Acq: 5 Sep 2024 13:49

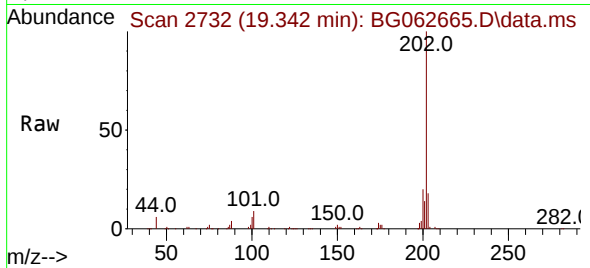
Tgt Ion:149 Resp: 87428
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 5.6 4.2 6.2





#75
Fluoranthene
Concen: 4.207 ng
RT: 19.342 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

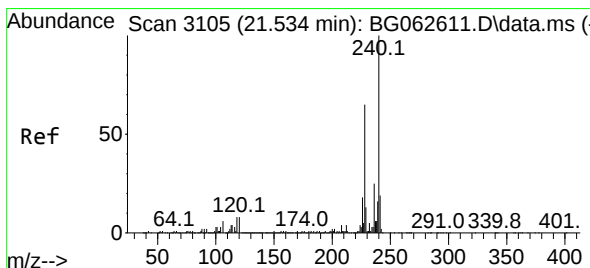
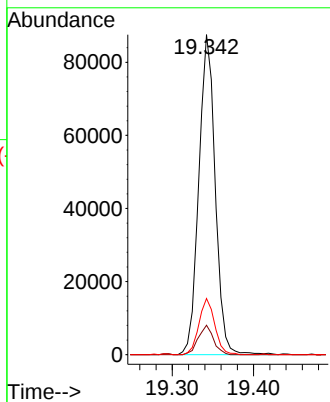
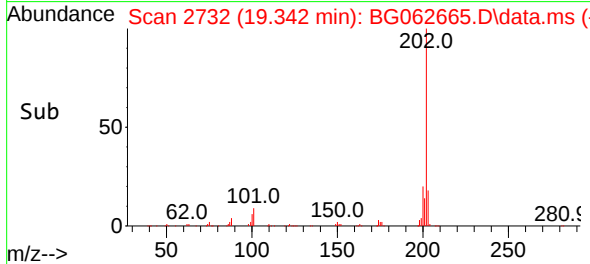


Tgt Ion:202 Resp: 122974
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.6
203 17.5 0.0 37.4

Manual Integrations
APPROVED

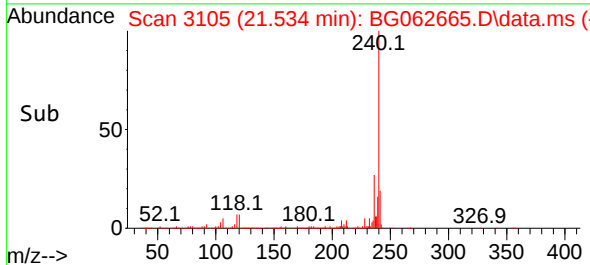
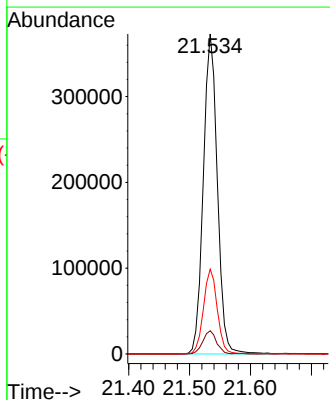
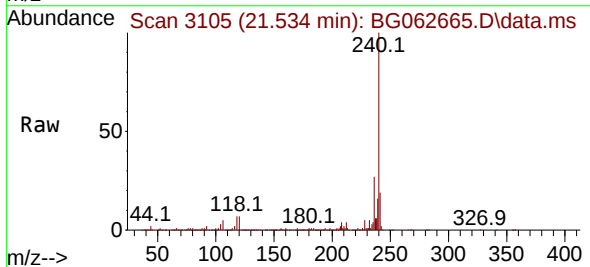
Reviewed By :Jagrut
Upadhyay
09/06/2024

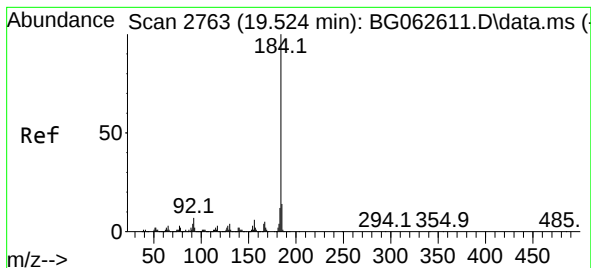
Supervised By :mohammad
ahmed
09/07/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.534 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Tgt Ion:240 Resp: 597365
Ion Ratio Lower Upper
240 100
120 7.3 6.6 9.8
236 26.5 20.2 30.4





#77

Benzidine

Concen: 4.495 ng

RT: 19.524 min Scan# 2763

Delta R.T. 0.000 min

Lab File: BG062665.D

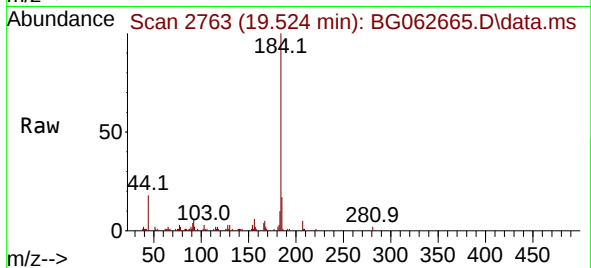
Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024



Tgt Ion:	184	Resp:	48399
Ion Ratio	Lower	Upper	
184	100		
185	16.8	11.0	16.6
183	9.9	9.7	14.5

Manual Integrations

APPROVED

Reviewed By :Jagrut

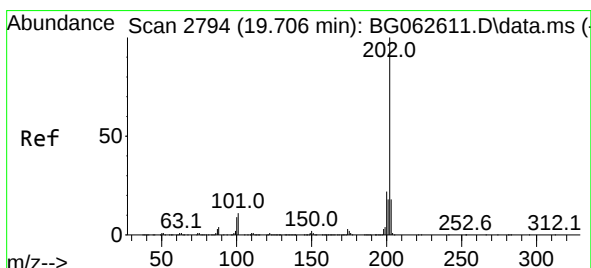
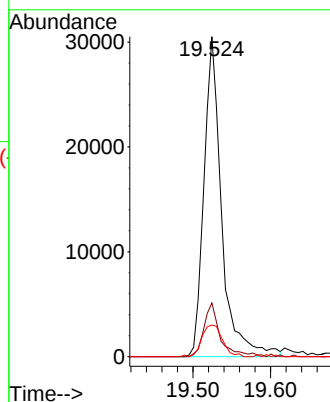
Upadhyay

09/06/2024

Supervised By :mohammad

ahmed

09/07/2024



#78

Pyrene

Concen: 3.487 ng

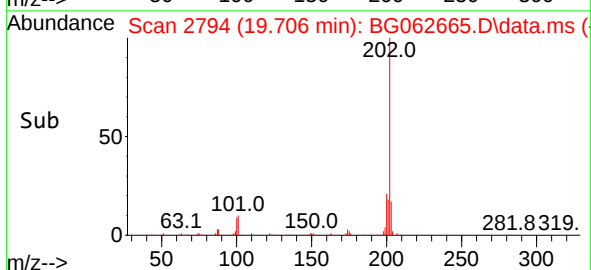
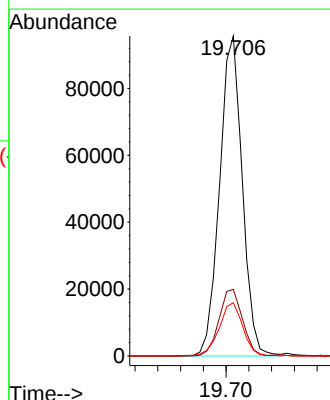
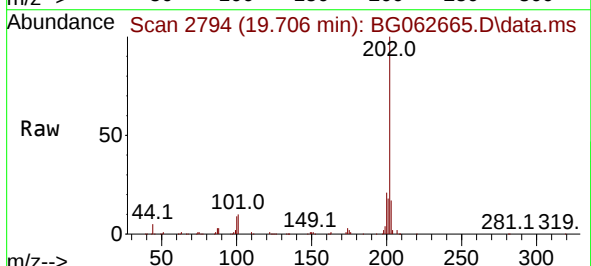
RT: 19.706 min Scan# 2794

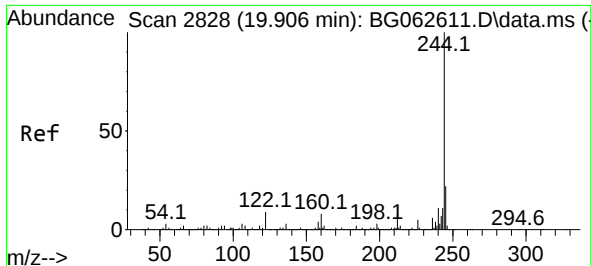
Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

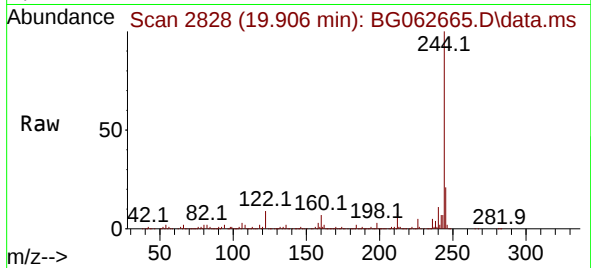
Tgt Ion:	202	Resp:	132402
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	16.7	14.1	21.1





#79
 Terphenyl-d14
 Concen: 68.885 ng
 RT: 19.906 min Scan# 2828
 Delta R.T. 0.000 min
 Lab File: BG062665.D
 Acq: 5 Sep 2024 13:49

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

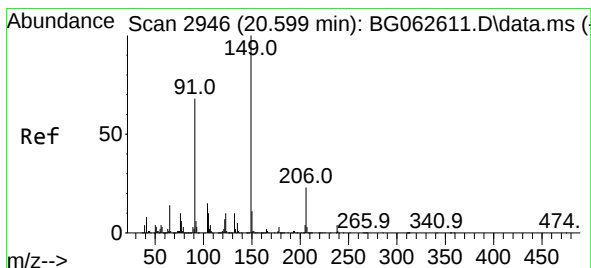
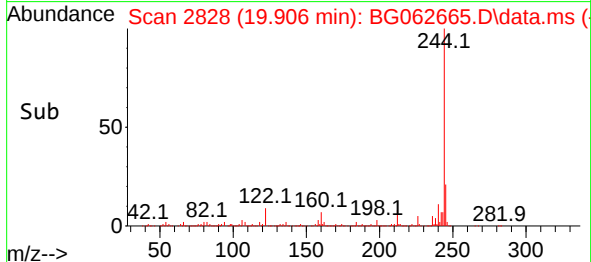
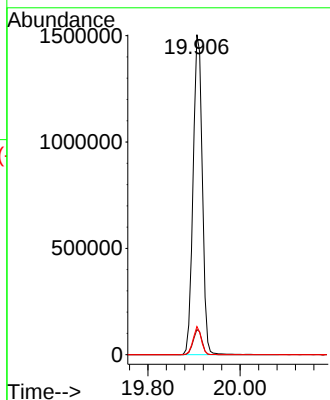


Tgt Ion:244 Resp: 2075274
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 10.0
 122 8.8 7.2 10.8

Manual Integrations
 APPROVED

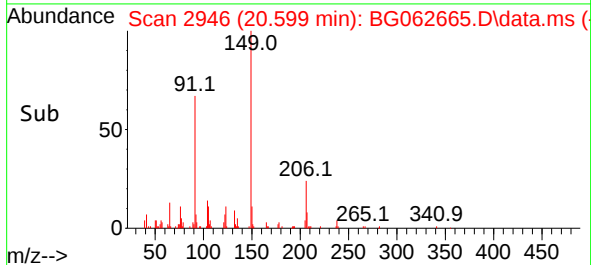
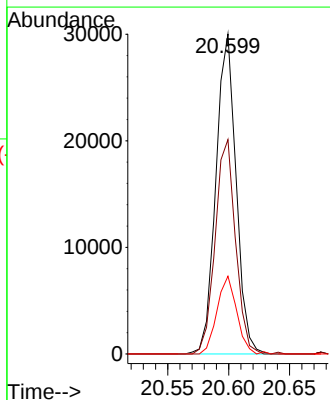
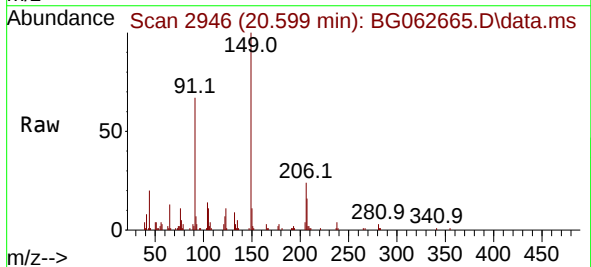
Reviewed By :Jagrut
 Upadhyay
 09/06/2024

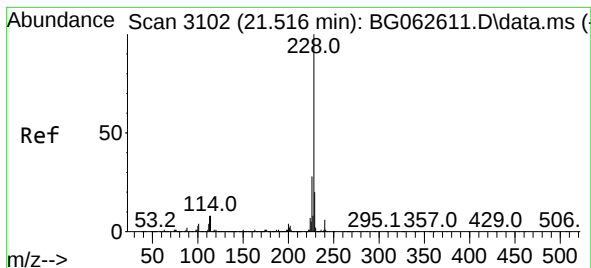
Supervised By :mohammad
 ahmed
 09/07/2024



#80
 Butylbenzylphthalate
 Concen: 3.100 ng
 RT: 20.599 min Scan# 2946
 Delta R.T. 0.000 min
 Lab File: BG062665.D
 Acq: 5 Sep 2024 13:49

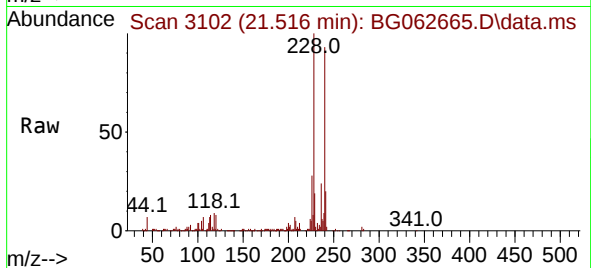
Tgt Ion:149 Resp: 34580
 Ion Ratio Lower Upper
 149 100
 91 67.0 54.6 81.8
 206 24.3 18.4 27.6





#81
Benzo(a)anthracene
Concen: 3.787 ng
RT: 21.516 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

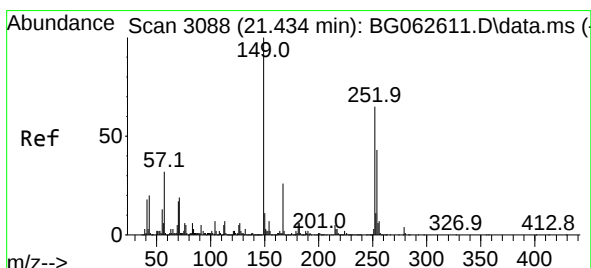
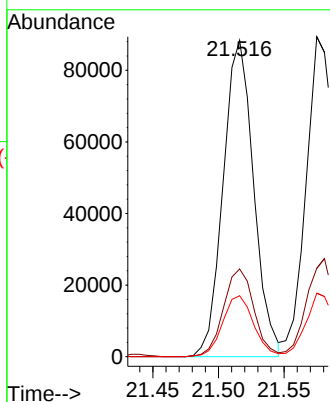
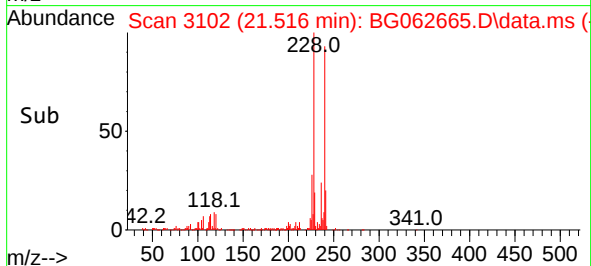


Tgt Ion:228 Resp: 142682
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.3 16.2 24.2

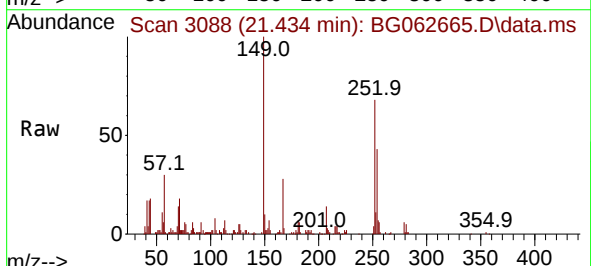
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
09/06/2024

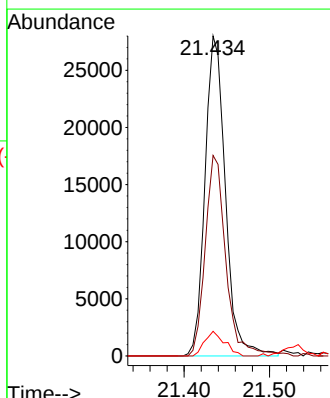
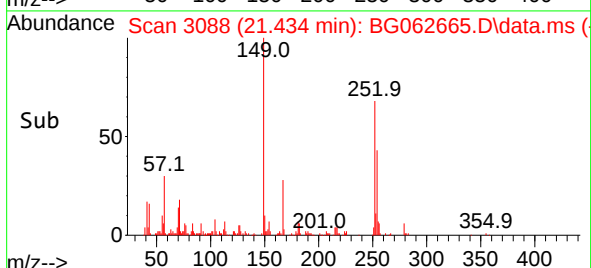
Supervised By :mohammad
ahmed
09/07/2024

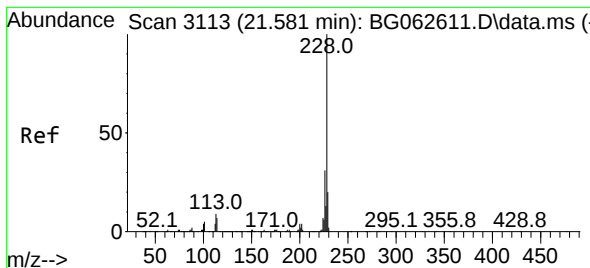


#82
3,3'-Dichlorobenzidine
Concen: 3.792 ng
RT: 21.434 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49



Tgt Ion:252 Resp: 46540
Ion Ratio Lower Upper
252 100
254 62.6 52.2 78.2
126 7.7 6.7 10.1





#83

Chrysene

Concen: 3.881 ng

RT: 21.575 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

Tgt Ion:	228	Resp:	140060
Ion Ratio	Lower	Upper	
228	100		
226	27.6	24.9	37.3
229	19.8	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut

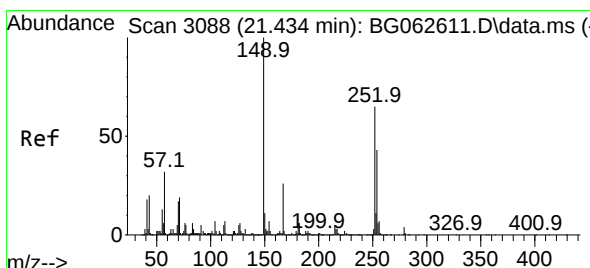
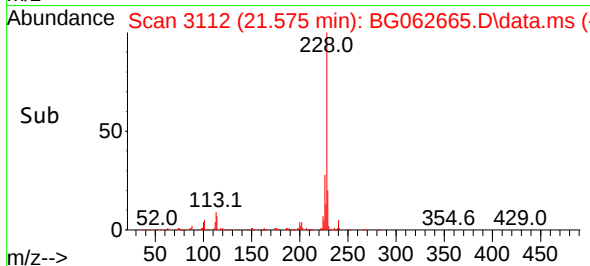
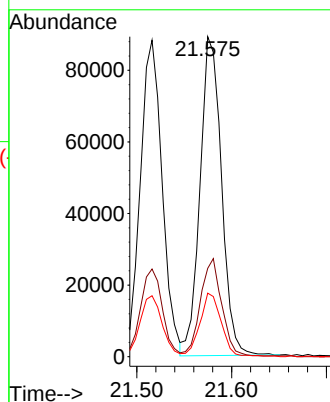
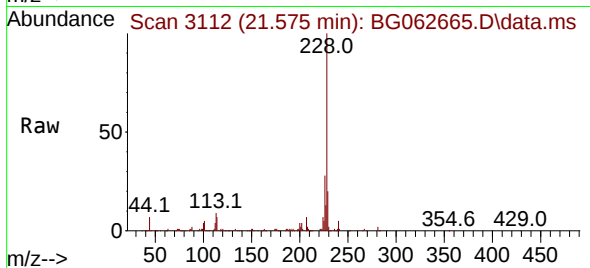
Upadhyay

09/06/2024

Supervised By :mohammad

ahmed

09/07/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.133 ng

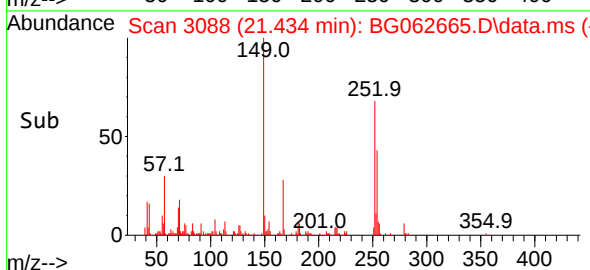
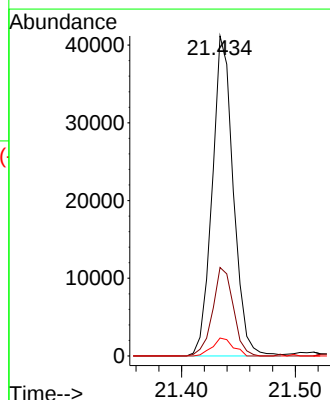
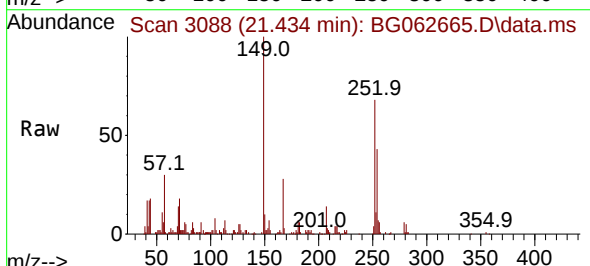
RT: 21.434 min Scan# 3088

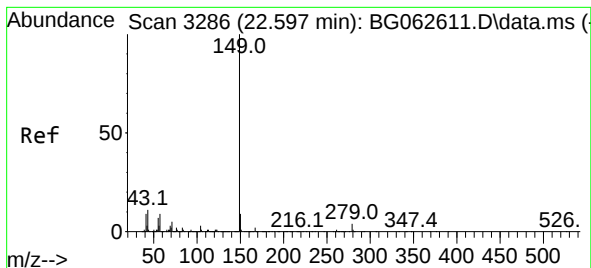
Delta R.T. 0.000 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

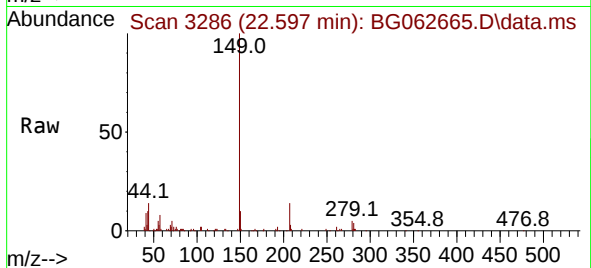
Tgt Ion:	149	Resp:	53095
Ion Ratio	Lower	Upper	
149	100		
167	27.7	20.5	30.7
279	5.6	3.1	4.7#





#85
Di-n-octyl phthalate
Concen: 3.028 ng
RT: 22.597 min Scan# 3286
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

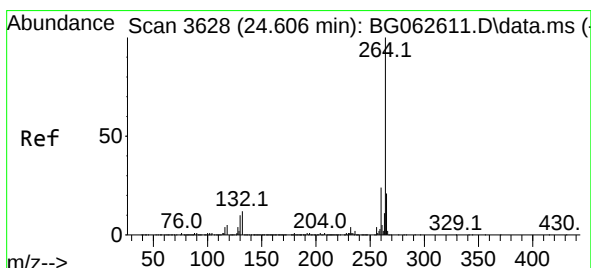
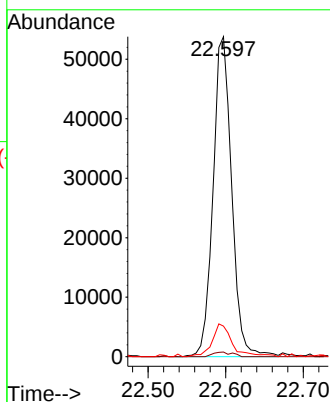
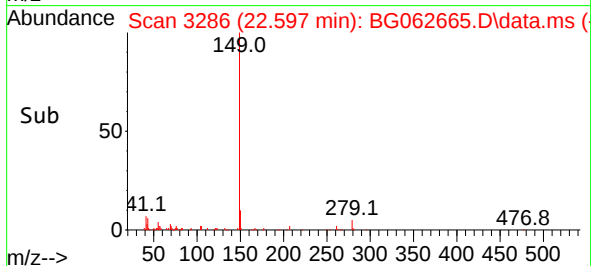


Tgt Ion:149 Resp: 8984
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 11.1 8.8 13.2

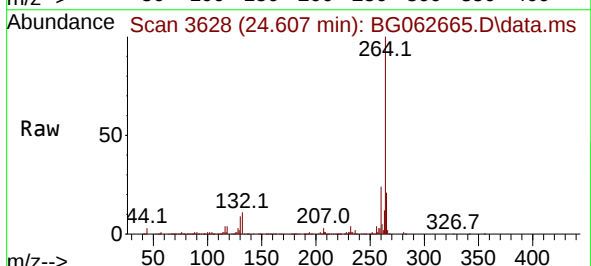
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
09/06/2024

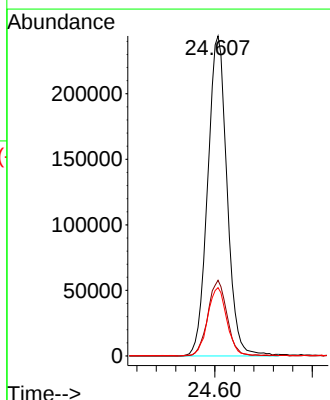
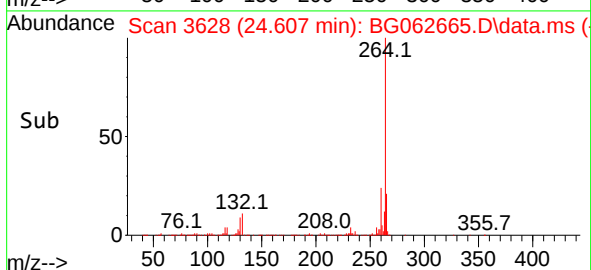
Supervised By :mohammad
ahmed
09/07/2024

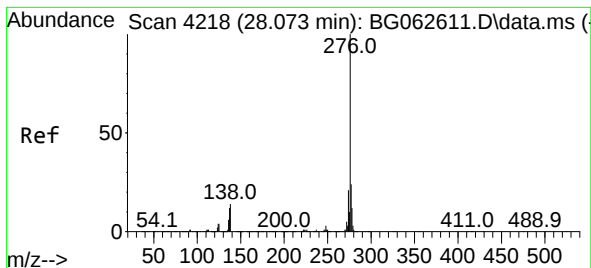


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.607 min Scan# 3628
Delta R.T. 0.000 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49



Tgt Ion:264 Resp: 672658
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.4 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.757 ng

RT: 28.061 min Scan# 41

Delta R.T. -0.012 min

Lab File: BG062665.D

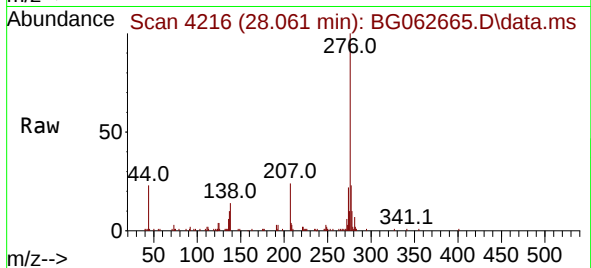
Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024



Tgt Ion:276 Resp: 16206

Ion Ratio Lower Upper

276 100

138 5.1 14.9 22.3

277 25.7 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut

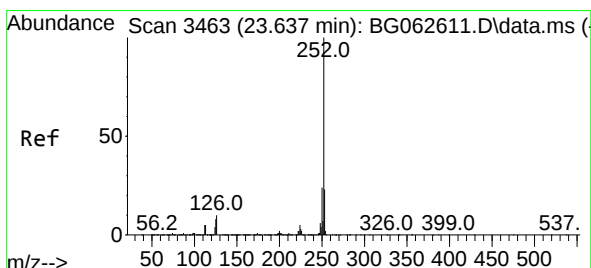
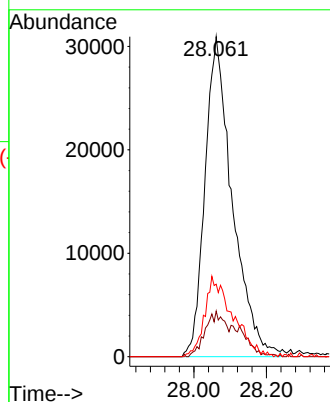
Upadhyay

09/06/2024

Supervised By :mohammad

ahmed

09/07/2024



#88

Benzo(b)fluoranthene

Concen: 3.572 ng

RT: 23.631 min Scan# 3462

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

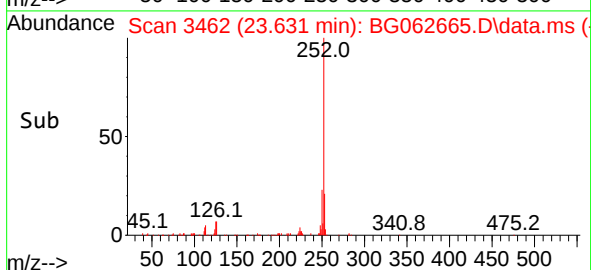
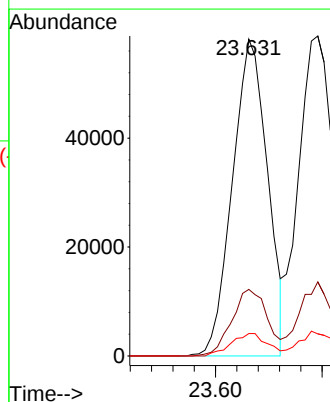
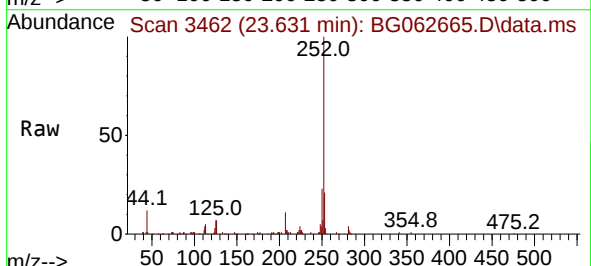
Tgt Ion:252 Resp: 132697

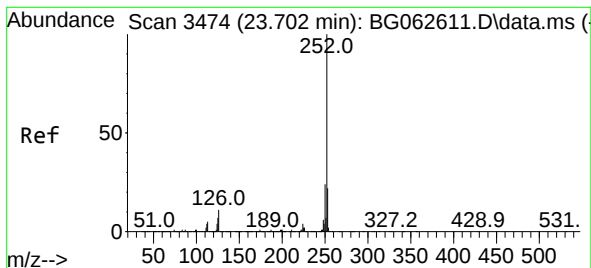
Ion Ratio Lower Upper

252 100

253 21.0 18.2 27.2

125 7.1 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 3.884 ng

RT: 23.696 min Scan# 34

Delta R.T. -0.006 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

Tgt	Ion:252	Resp:	14115
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	6.9	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :Jagrut

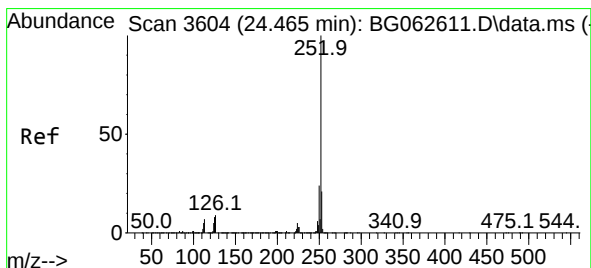
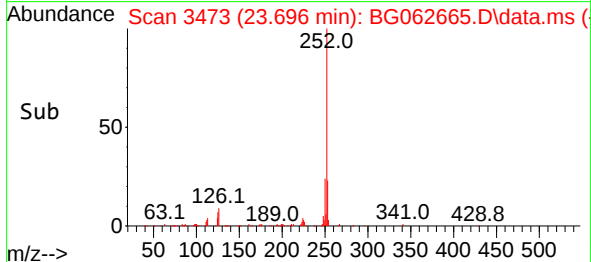
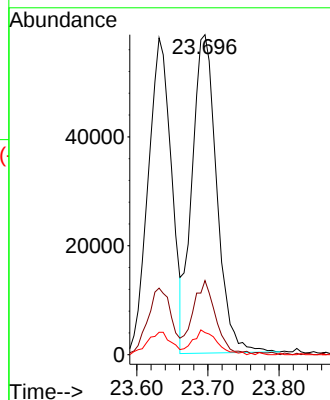
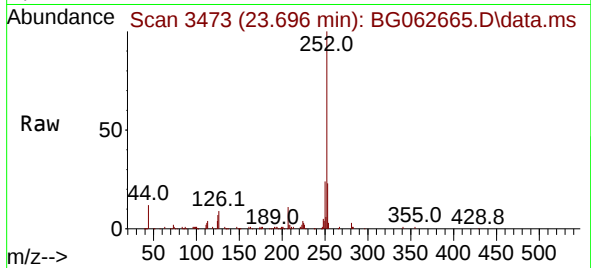
Upadhyay

09/06/2024

Supervised By :mohammad

ahmed

09/07/2024



#90

Benzo(a)pyrene

Concen: 3.783 ng

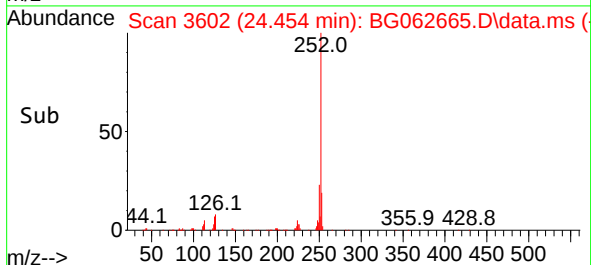
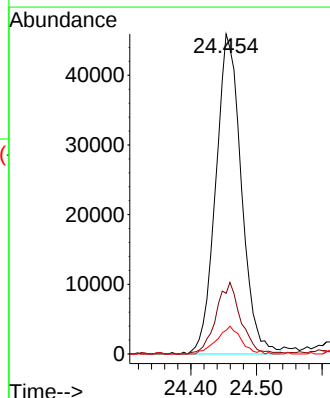
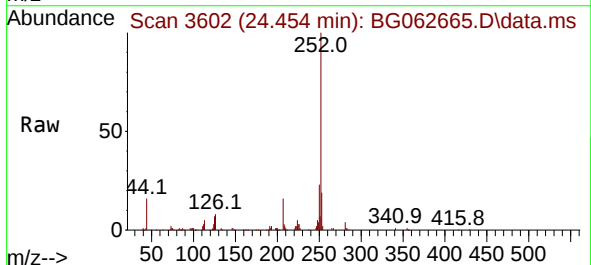
RT: 24.454 min Scan# 3602

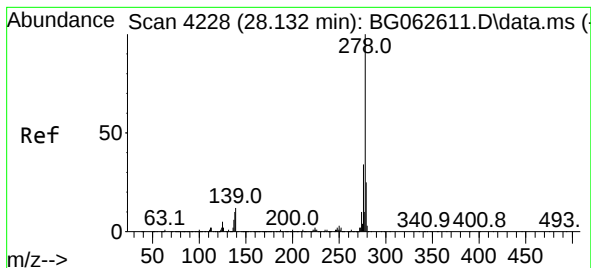
Delta R.T. -0.012 min

Lab File: BG062665.D

Acq: 5 Sep 2024 13:49

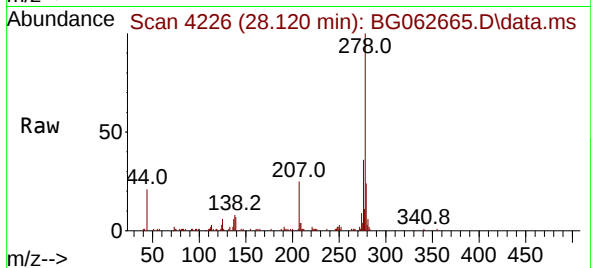
Tgt	Ion:252	Resp:	124165
Ion	Ratio	Lower	Upper
252	100		
253	19.0	17.1	25.7
125	7.4	6.6	10.0





#91
Dibenzo(a,h)anthracene
Concen: 3.734 ng
RT: 28.120 min Scan# 4228
Delta R.T. -0.012 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

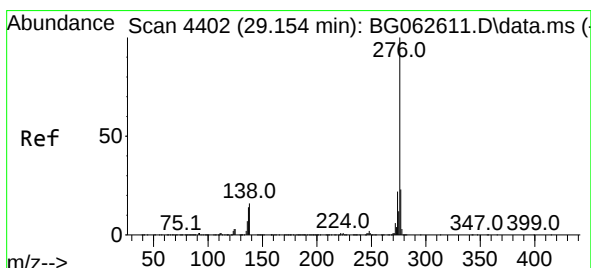
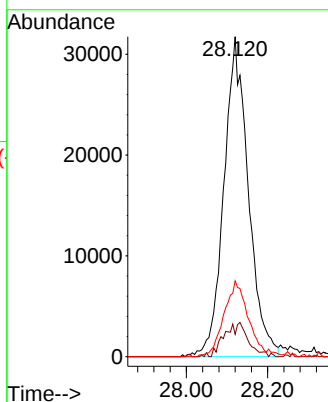
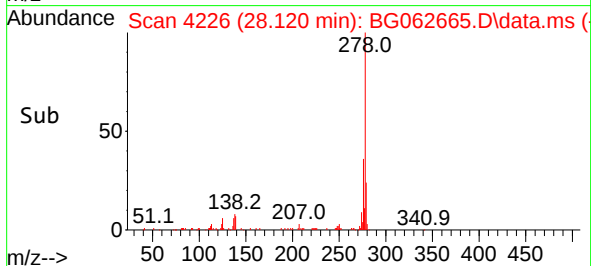


Tgt Ion:278 Resp: 132672
Ion Ratio Lower Upper
278 100
139 7.0 9.2 13.8
279 23.7 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
09/06/2024

Supervised By :mohammad
ahmed
09/07/2024



#92
Benzo(g,h,i)perylene
Concen: 3.511 ng
RT: 29.142 min Scan# 4400
Delta R.T. -0.012 min
Lab File: BG062665.D
Acq: 5 Sep 2024 13:49

Tgt Ion:276 Resp: 125792
Ion Ratio Lower Upper
276 100
277 21.6 18.8 28.2
138 11.3 12.7 19.1#

