

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
 Data File : BG062661.D
 Acq On : 5 Sep 2024 11:10
 Operator : MA/JU
 Sample : P3390-03
 Misc : MDL-SOIL-4 ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 05 12:56:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	53576	20.000	ng	0.00
21) Naphthalene-d8	10.714	136	226159	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	186253	20.000	ng	0.00
64) Phenanthrene-d10	17.288	188	514802	20.000	ng	0.00
76) Chrysene-d12	21.530	240	580074	20.000	ng	0.00
86) Perylene-d12	24.603	264	654115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	353394	114.017	ng	0.00
7) Phenol-d6	7.089	99	502864	112.305	ng	0.00
23) Nitrobenzene-d5	9.074	82	342508	81.563	ng	0.00
42) 2,4,6-Tribromophenol	16.031	330	341122	130.141	ng	0.00
45) 2-Fluorobiphenyl	13.170	172	910935	79.221	ng	0.00
79) Terphenyl-d14	19.909	244	2036152	69.601	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.411	88	5657	4.381	ng	98
3) Pyridine	3.810	79	14096	3.789	ng	# 88
4) n-Nitrosodimethylamine	3.716	42	7312	4.043	ng	# 82
6) Aniline	7.247	93	17828	4.262	ng	92
8) 2-Chlorophenol	7.488	128	12986	3.902	ng	82
9) Benzaldehyde	7.065	77	13436	5.159	ng	92
10) Phenol	7.112	94	16783	3.702	ng	84
11) bis(2-Chloroethyl)ether	7.341	93	13651	3.933	ng	92
12) 1,3-Dichlorobenzene	7.811	146	13589	3.721	ng	89
13) 1,4-Dichlorobenzene	7.958	146	14868	3.956	ng	96
14) 1,2-Dichlorobenzene	8.275	146	13608	3.684	ng	94
15) Benzyl Alcohol	8.158	79	11211	3.384	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.440	45	23879	3.610	ng	99
17) 2-Methylphenol	8.364	107	9907	3.135	ng	91
18) Hexachloroethane	9.004	117	4987	3.539	ng	# 75
19) n-Nitroso-di-n-propyla...	8.716	70	10738	3.043	ng	# 95
20) 3+4-Methylphenols	8.687	107	14036	3.011	ng	97
22) Acetophenone	8.740	105	23015	3.772	ng	# 97
24) Nitrobenzene	9.116	77	17512	3.922	ng	97
25) Isophorone	9.639	82	31177	3.382	ng	96
26) 2-Nitrophenol	9.827	139	5750	3.408	ng	91
27) 2,4-Dimethylphenol	9.885	122	7770	3.143	ng	98
28) bis(2-Chloroethoxy)met...	10.120	93	17071	3.459	ng	99
29) 2,4-Dichlorophenol	10.361	162	12147	3.515	ng	91
30) 1,2,4-Trichlorobenzene	10.579	180	16774	4.094	ng	99
31) Naphthalene	10.761	128	44075	3.932	ng	97
33) 4-Chloroaniline	10.872	127	16812	3.811	ng	99
34) Hexachlorobutadiene	11.055	225	10900	3.809	ng	94
35) Caprolactam	11.601	113	4596	3.449	ng	# 88
36) 4-Chloro-3-methylphenol	11.989	107	12872	3.088	ng	98
37) 2-Methylnaphthalene	12.371	142	31458	3.618	ng	95
38) 1-Methylnaphthalene	12.594	142	30581	3.503	ng	# 97
40) 1,2,4,5-Tetrachloroben...	12.741	216	21741	3.881	ng	98
41) Hexachlorocyclopentadiene	12.723	237	5189	3.247	ng	96
43) 2,4,6-Trichlorophenol	12.976	196	11859m	3.340	ng	
44) 2,4,5-Trichlorophenol	13.052	196	13872	3.450	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
 Data File : BG062661.D
 Acq On : 5 Sep 2024 11:10
 Operator : MA/JU
 Sample : P3390-03
 Misc : MDL-SOIL-4 ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

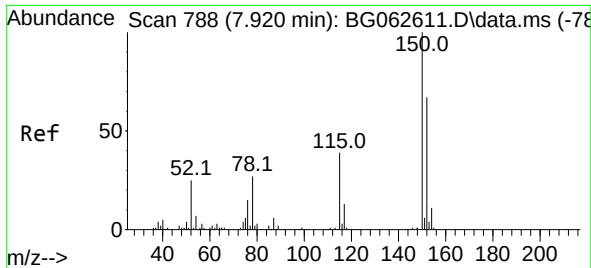
Quant Time: Sep 05 12:56:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024

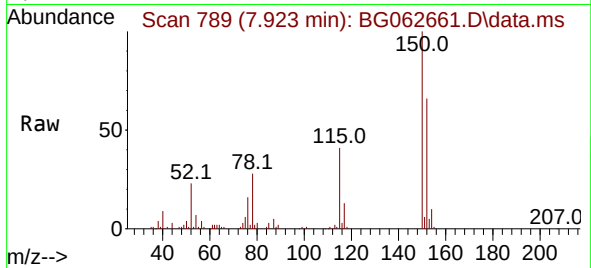
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.375	154	50457	4.061	ng	93
47) 2-Chloronaphthalene	13.422	162	37703	3.744	ng	94
48) 2-Nitroaniline	13.622	65	9121	3.444	ng	96
49) Acenaphthylene	14.268	152	59811	4.011	ng	98
50) Dimethylphthalate	13.992	163	51584	3.788	ng	# 99
51) 2,6-Dinitrotoluene	14.116	165	8660	3.362	ng	92
52) Acenaphthene	14.609	154	35132	3.768	ng	99
53) 3-Nitroaniline	14.445	138	8268	3.317	ng	96
55) Dibenzofuran	14.944	168	63050	3.944	ng	99
56) 4-Nitrophenol	14.756	139	6357	3.009	ng	95
57) 2,4-Dinitrotoluene	14.897	165	11919	3.391	ng	# 93
58) Fluorene	15.590	166	48014	3.827	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.167	232	13960	3.665	ng	# 98
60) Diethylphthalate	15.361	149	49686	3.681	ng	98
61) 4-Chlorophenyl-phenyle...	15.585	204	26927	3.738	ng	# 93
62) 4-Nitroaniline	15.602	138	9494	3.454	ng	94
63) Azobenzene	15.878	77	46277	3.651	ng	97
65) 4,6-Dinitro-2-methylph...	15.667	198	5455	2.374	ng	84
66) n-Nitrosodiphenylamine	15.796	169	46012	3.718	ng	97
67) 4-Bromophenyl-phenylether	16.478	248	20125	3.788	ng	92
68) Hexachlorobenzene	16.595	284	24232	3.851	ng	91
69) Atrazine	16.742	200	19847	4.721	ng	98
70) Pentachlorophenol	16.948	266	8543m	2.120	ng	
71) Phenanthrene	17.330	178	95509	3.975	ng	98
72) Anthracene	17.424	178	91974	3.893	ng	98
73) Carbazole	17.688	167	79457	3.658	ng	98
74) Di-n-butylphthalate	18.252	149	85251	3.481	ng	98
75) Fluoranthene	19.339	202	121235	3.989	ng	99
77) Benzidine	19.521	184	42411	4.056	ng	95
78) Pyrene	19.703	202	131356	3.562	ng	99
80) Butylbenzylphthalate	20.596	149	33235	3.069	ng	97
81) Benzo(a)anthracene	21.513	228	140677	3.845	ng	98
82) 3,3'-Dichlorobenzidine	21.431	252	44079	3.698	ng	# 91
83) Chrysene	21.577	228	138951	3.965	ng	97
84) Bis(2-ethylhexyl)phtha...	21.436	149	51223	3.113	ng	# 94
85) Di-n-octyl phthalate	22.594	149	83194	2.888	ng	98
87) Indeno(1,2,3-cd)pyrene	28.052	276	160105	3.817	ng	# 87
88) Benzo(b)fluoranthene	23.628	252	127179	3.520	ng	99
89) Benzo(k)fluoranthene	23.693	252	138172	3.910	ng	98
90) Benzo(a)pyrene	24.456	252	118721	3.720	ng	99
91) Dibenzo(a,h)anthracene	28.117	278	128918	3.731	ng	# 95
92) Benzo(g,h,i)perylene	29.133	276	121969	3.501	ng	# 95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

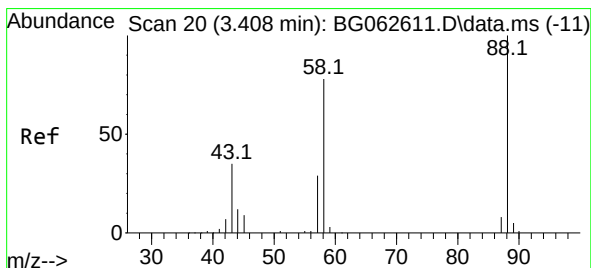
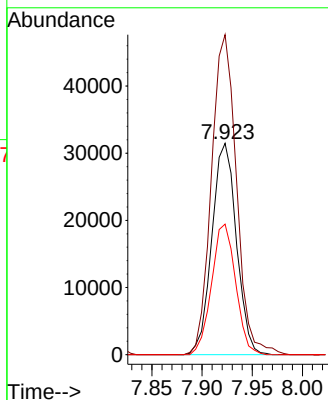
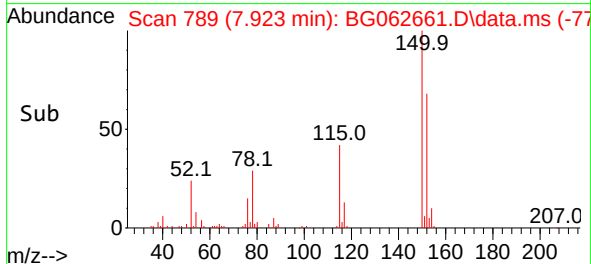
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:152 Resp: 53570
Ion Ratio Lower Upper
152 100
150 151.4 119.9 179.9
115 61.8 46.6 69.8

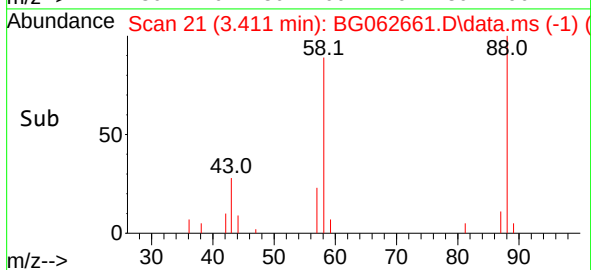
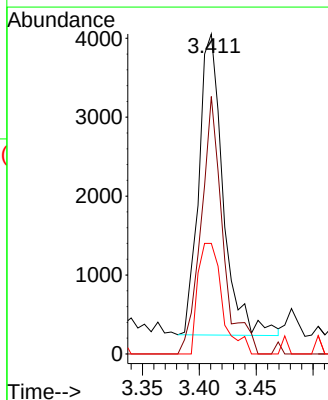
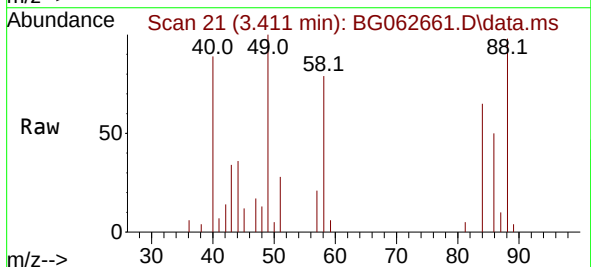
Manual Integrations
APPROVED

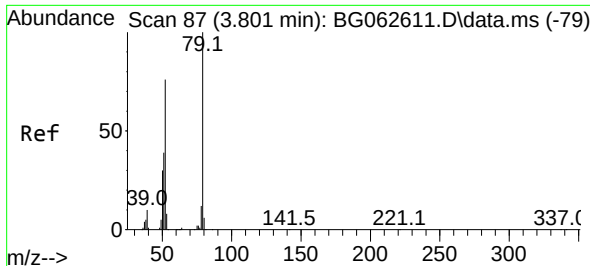
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#2
1,4-Dioxane
Concen: 4.381 ng
RT: 3.411 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

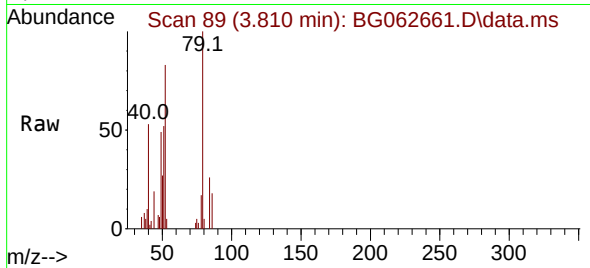
Tgt Ion: 88 Resp: 5657
Ion Ratio Lower Upper
88 100
58 76.7 62.3 93.5
43 36.9 27.5 41.3





#3
Pyridine
Concen: 3.789 ng
RT: 3.810 min Scan# 89
Delta R.T. 0.009 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

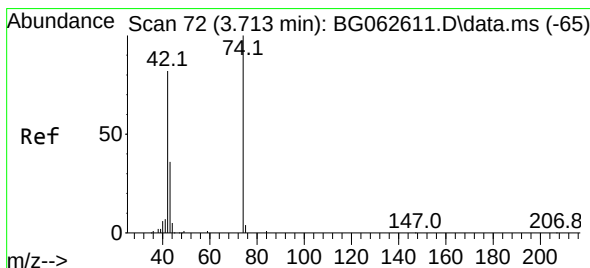
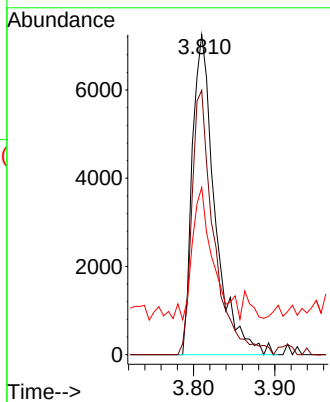
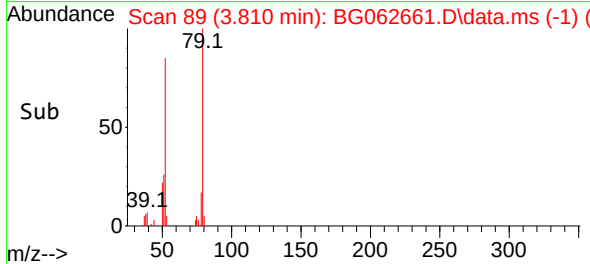
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



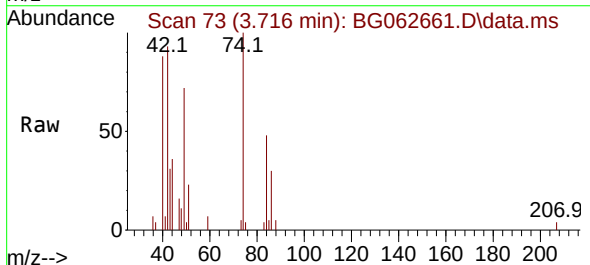
Tgt Ion: 79 Resp: 14090
Ion Ratio Lower Upper
79 100
52 82.6 60.9 91.3
51 52.3 31.5 47.3

Manual Integrations
APPROVED

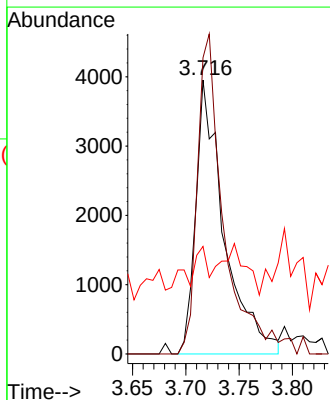
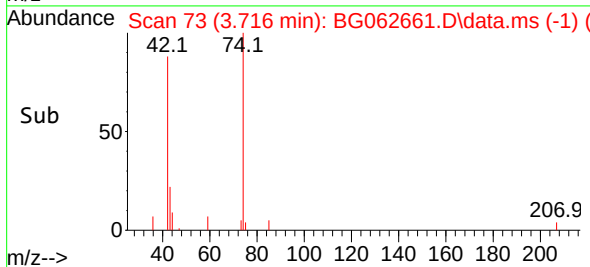
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

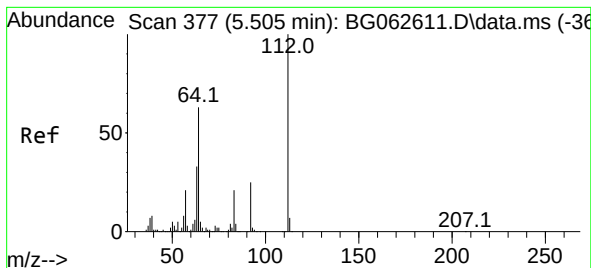


#4
n-Nitrosodimethylamine
Concen: 4.043 ng
RT: 3.716 min Scan# 73
Delta R.T. 0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10



Tgt Ion: 42 Resp: 7312
Ion Ratio Lower Upper
42 100
74 108.1 98.0 147.0
44 39.3 7.4 11.2





#5

2-Fluorophenol

Concen: 114.017 ng

RT: 5.502 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG062661.D

Acq: 5 Sep 2024 11:10

Instrument :

BNA_G

ClientSampleId :

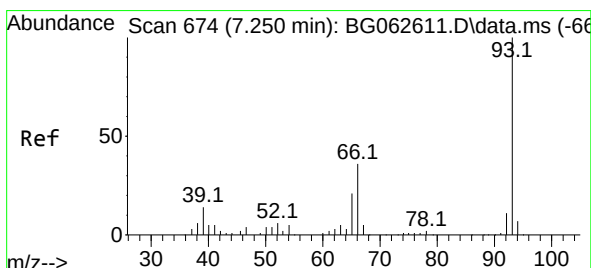
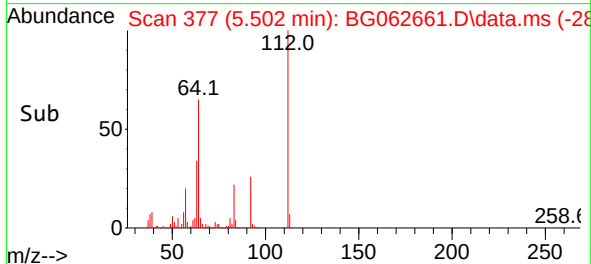
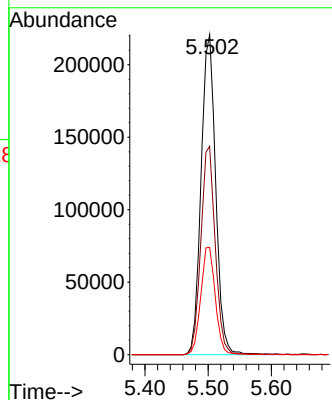
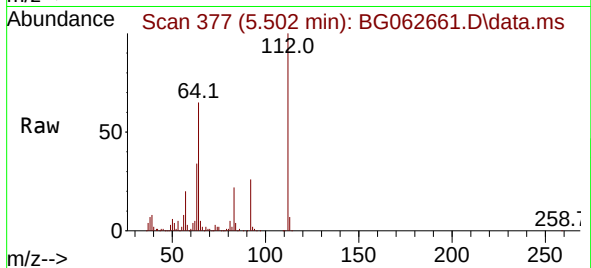
MDL-SOIL-03-QT3-2024

Tgt Ion:	112	Resp:	353394
Ion Ratio	Lower	Upper	
112	100		
64	65.1	50.2	75.2
63	33.5	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#6

Aniline

Concen: 4.262 ng

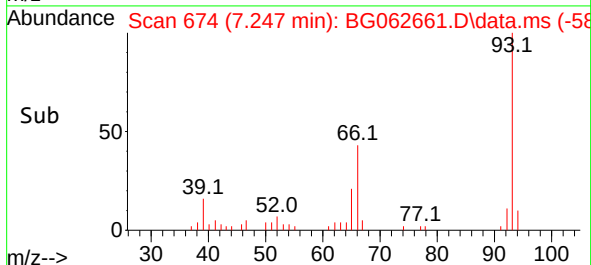
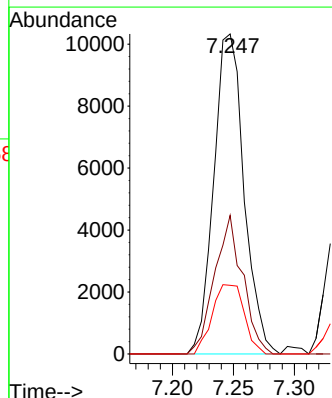
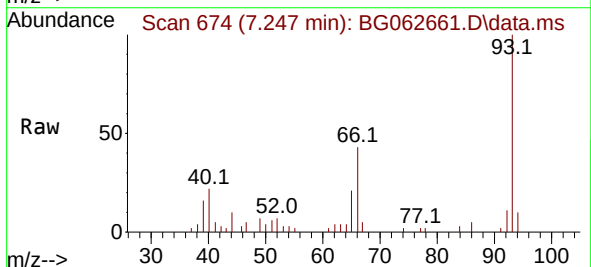
RT: 7.247 min Scan# 674

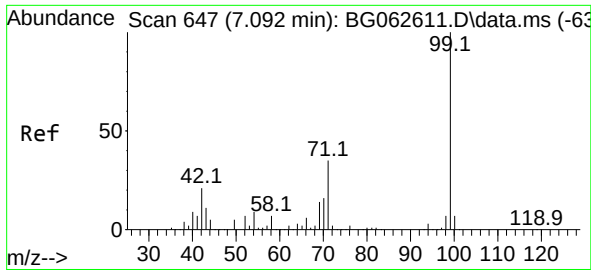
Delta R.T. -0.003 min

Lab File: BG062661.D

Acq: 5 Sep 2024 11:10

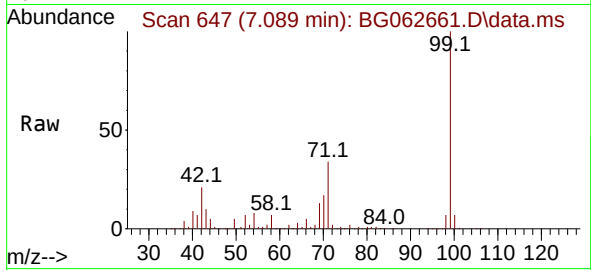
Tgt Ion:	93	Resp:	17828
Ion Ratio	Lower	Upper	
93	100		
66	43.3	29.1	43.7
65	21.5	16.6	25.0





#7
Phenol-d6
Concen: 112.305 ng
RT: 7.089 min Scan# 647
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

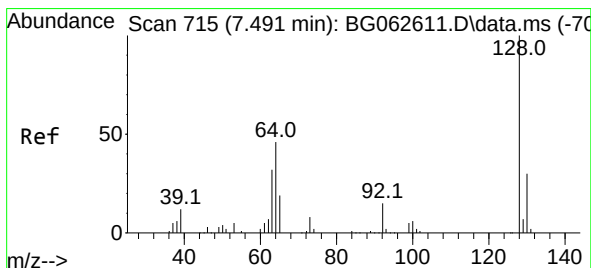
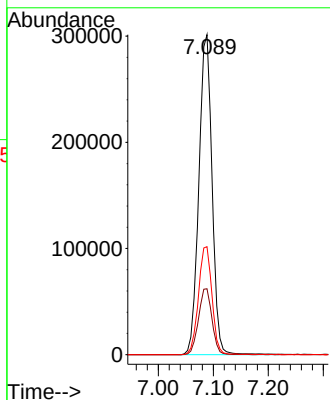
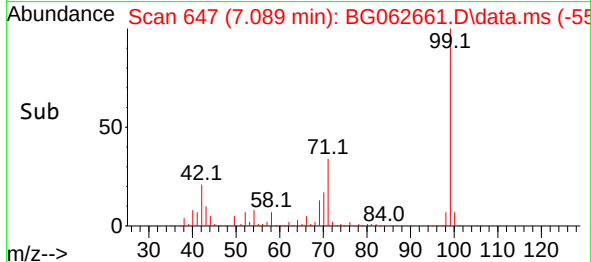
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 99 Resp: 502864
Ion Ratio Lower Upper
99 100
42 20.6 16.9 25.3
71 33.7 27.9 41.9

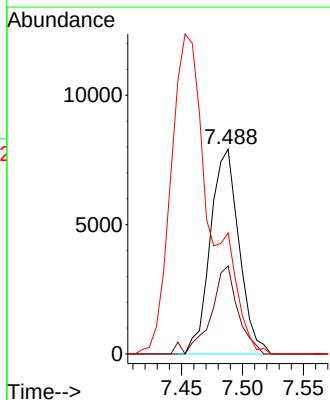
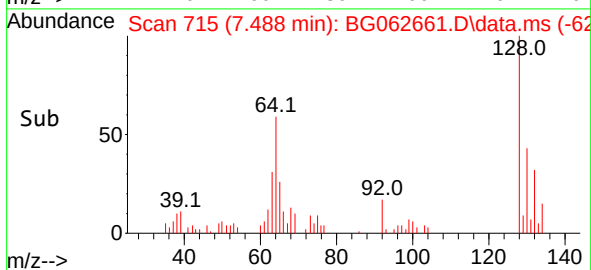
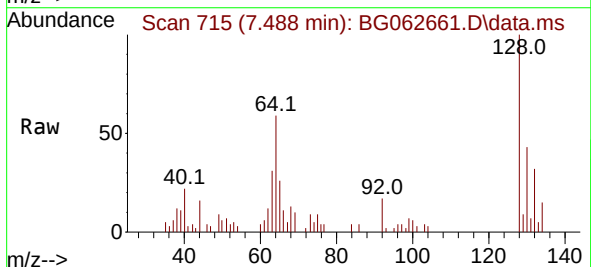
Manual Integrations
APPROVED

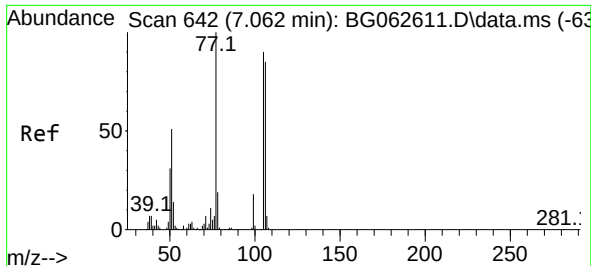
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#8
2-Chlorophenol
Concen: 3.902 ng
RT: 7.488 min Scan# 715
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

Tgt Ion:128 Resp: 12986
Ion Ratio Lower Upper
128 100
130 43.0 10.0 50.0
64 59.1 28.8 68.8





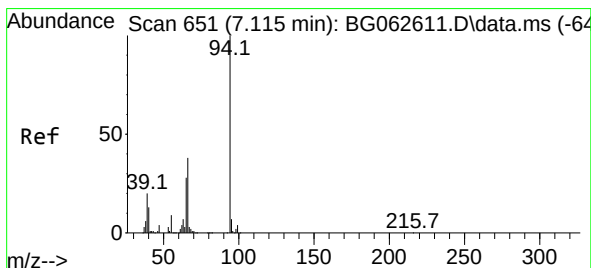
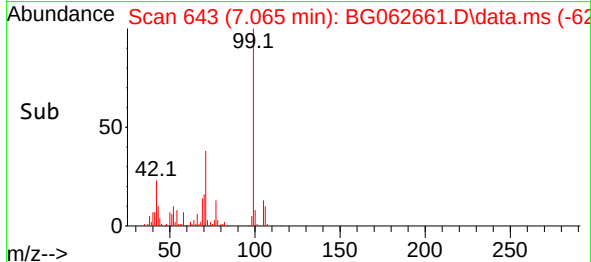
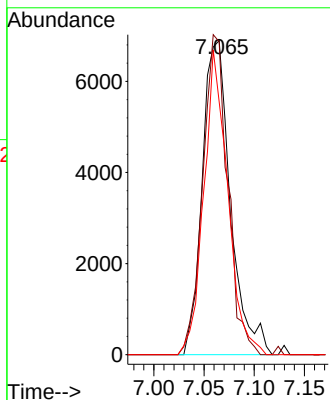
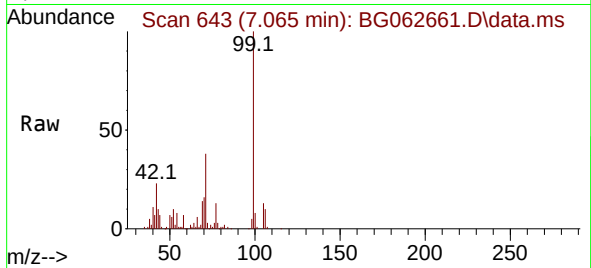
#9
Benzaldehyde
Concen: 5.159 ng
RT: 7.065 min Scan# 642
Delta R.T. 0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 77 Resp: 13430
Ion Ratio Lower Upper
77 100
105 99.7 70.2 110.2
106 80.5 65.4 105.4

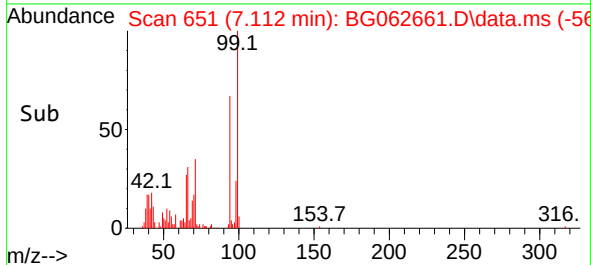
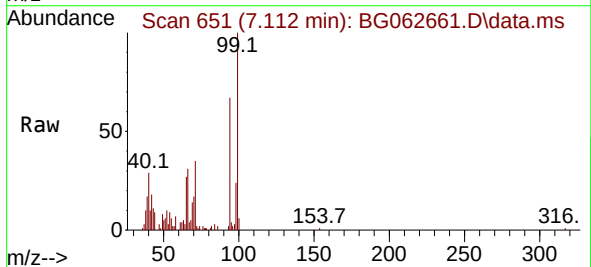
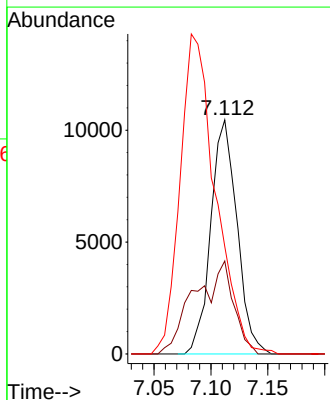
Manual Integrations
APPROVED

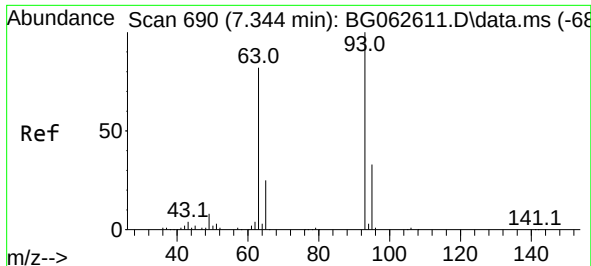
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#10
Phenol
Concen: 3.702 ng
RT: 7.112 min Scan# 651
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

Tgt Ion: 94 Resp: 16783
Ion Ratio Lower Upper
94 100
65 39.8 8.6 48.6
66 45.9 18.2 58.2





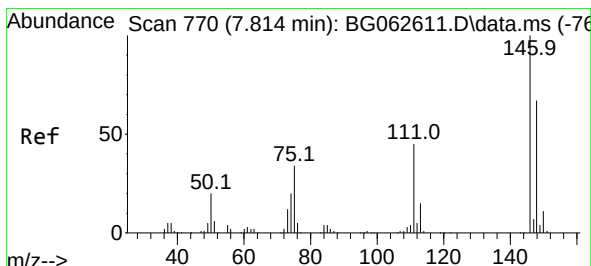
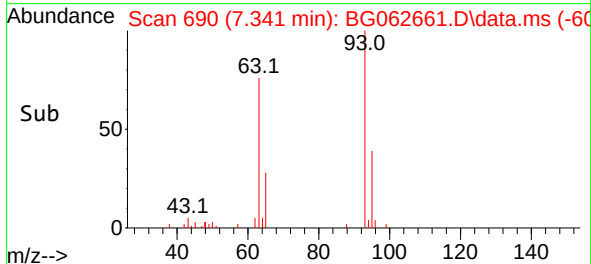
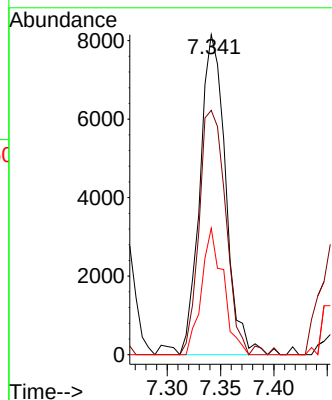
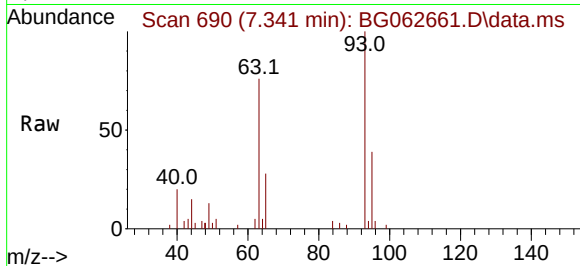
#11
bis(2-Chloroethyl)ether
Concen: 3.933 ng
RT: 7.341 min Scan# 690
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 93 Resp: 1365
Ion Ratio Lower Upper
93 100
63 76.3 61.9 101.9
95 39.5 12.9 52.9

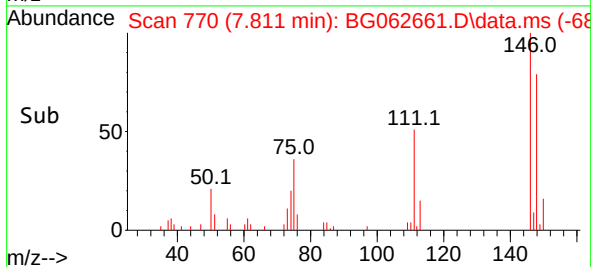
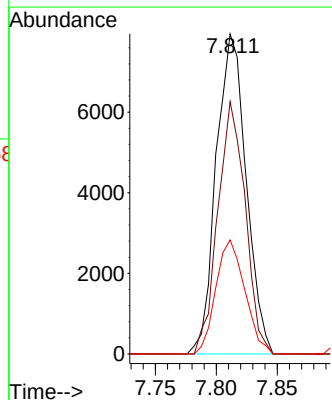
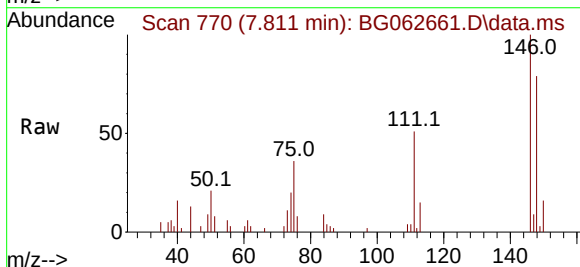
Manual Integrations
APPROVED

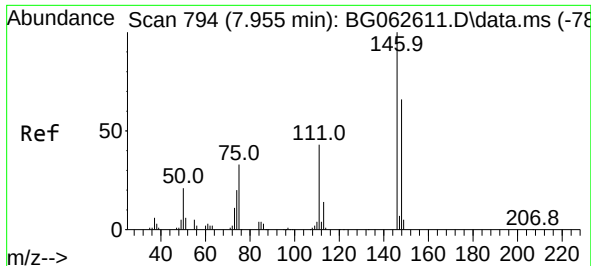
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#12
1,3-Dichlorobenzene
Concen: 3.721 ng
RT: 7.811 min Scan# 770
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

Tgt Ion:146 Resp: 13589
Ion Ratio Lower Upper
146 100
148 78.8 53.9 80.9
75 35.6 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 3.956 ng

RT: 7.958 min Scan# 794

Delta R.T. 0.003 min

Lab File: BG062661.D

Acq: 5 Sep 2024 11:10

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:146 Resp: 1486

Ion Ratio Lower Upper

146 100

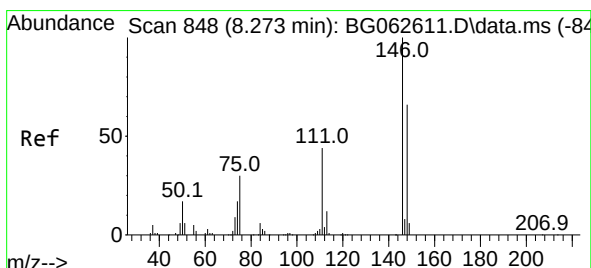
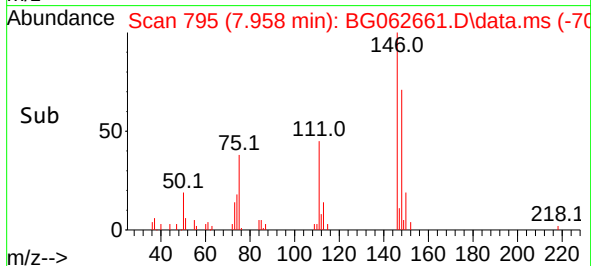
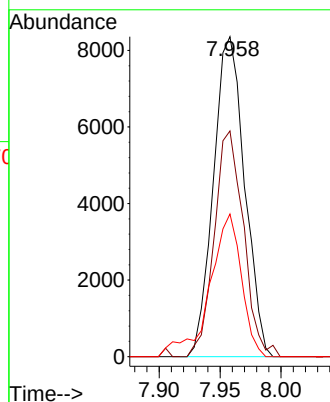
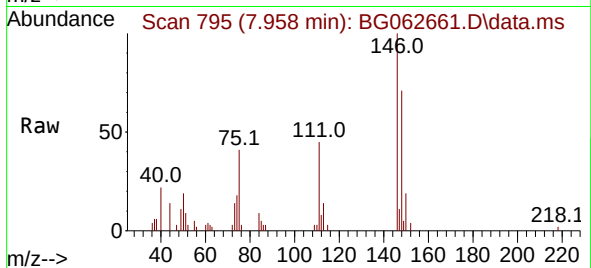
148 70.6 53.0 79.6

111 44.6 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: 3.684 ng

RT: 8.275 min Scan# 849

Delta R.T. 0.003 min

Lab File: BG062661.D

Acq: 5 Sep 2024 11:10

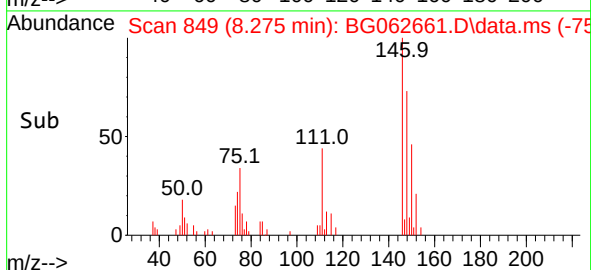
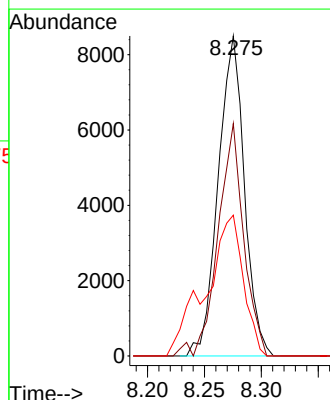
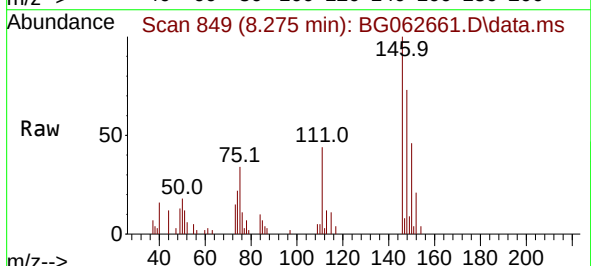
Tgt Ion:146 Resp: 13608

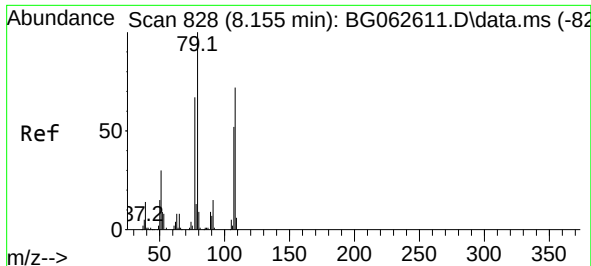
Ion Ratio Lower Upper

146 100

148 72.6 52.5 78.7

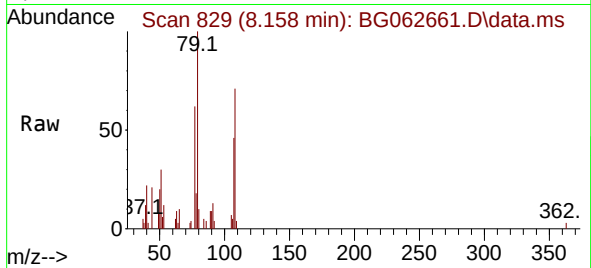
111 44.0 35.5 53.3





#15
Benzyl Alcohol
Concen: 3.384 ng
RT: 8.158 min Scan# 811
Delta R.T. 0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

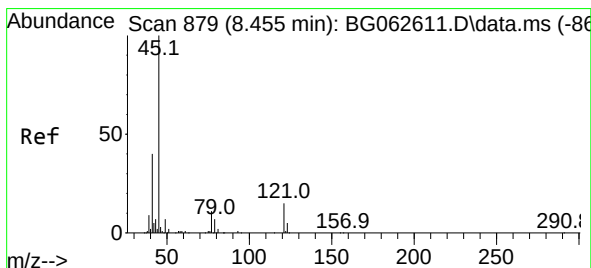
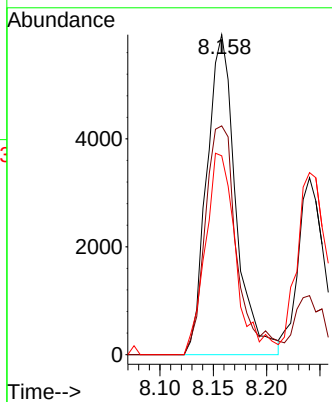
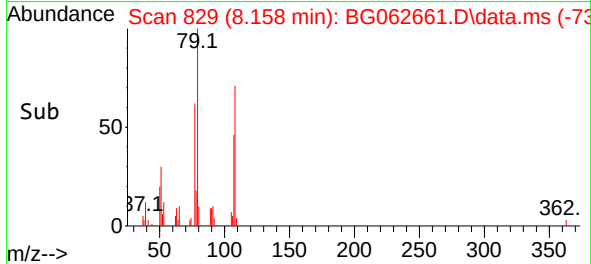
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 79 Resp: 1121
Ion Ratio Lower Upper
79 100
108 71.5 57.9 86.9
77 62.1 53.4 80.2

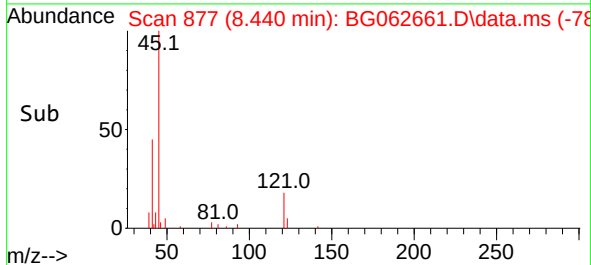
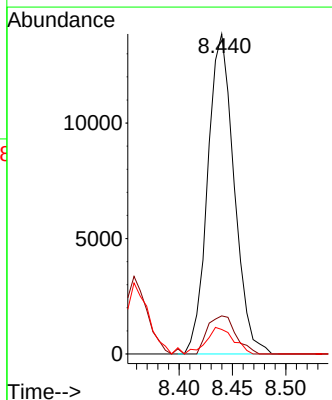
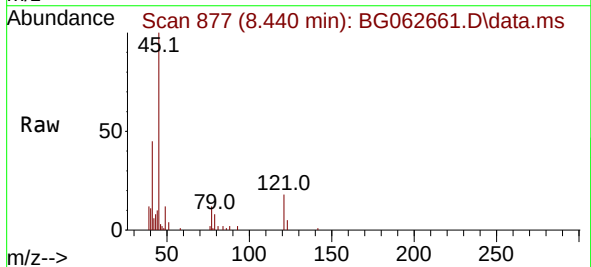
Manual Integrations
APPROVED

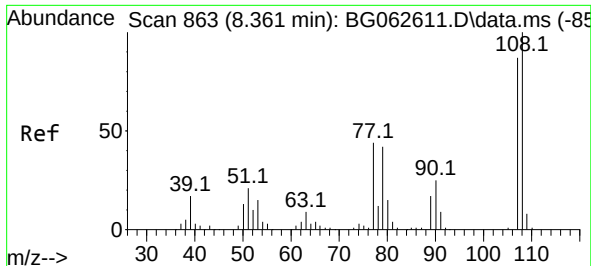
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.610 ng
RT: 8.440 min Scan# 877
Delta R.T. -0.015 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

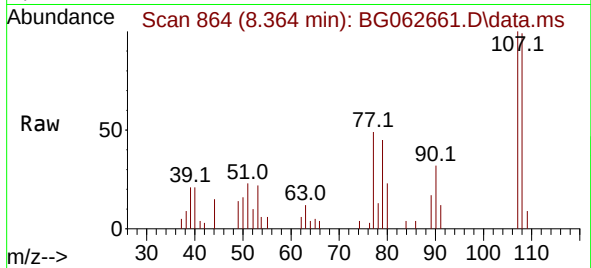
Tgt Ion: 45 Resp: 23879
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.7
79 7.6 0.0 28.3





#17
2-Methylphenol
Concen: 3.135 ng
RT: 8.364 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

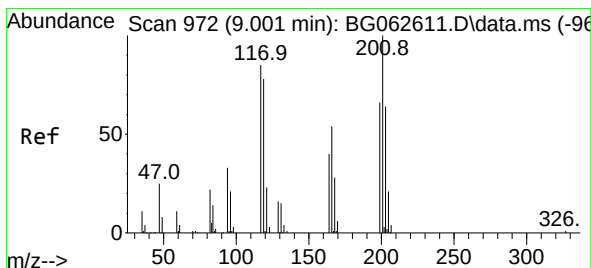
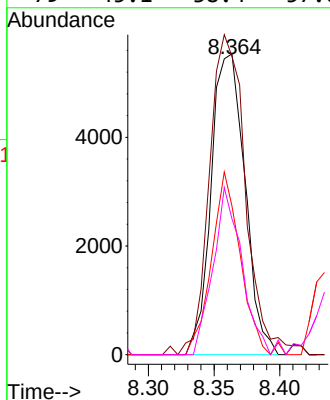
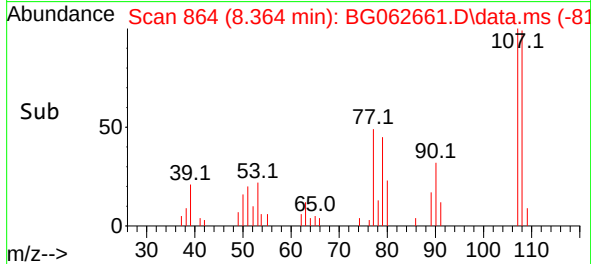
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:107 Resp: 990
Ion Ratio Lower Upper
107 100
108 99.2 91.5 137.3
77 49.4 40.0 60.0
79 45.1 38.4 57.6

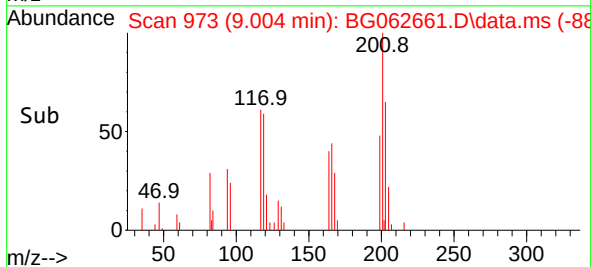
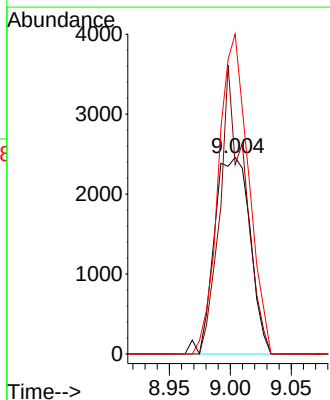
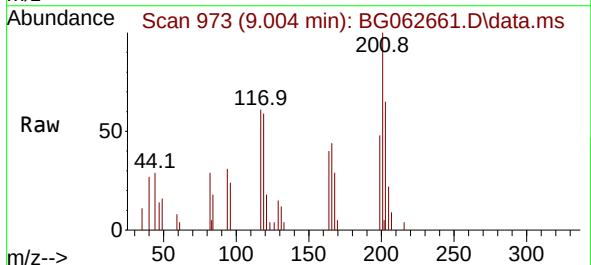
Manual Integrations
APPROVED

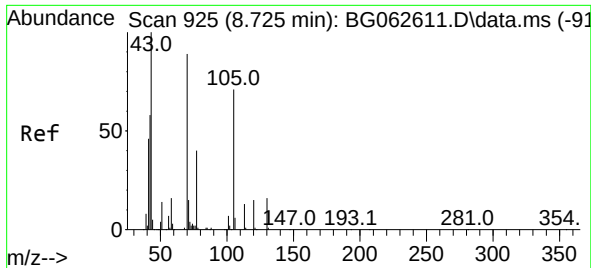
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#18
Hexachloroethane
Concen: 3.539 ng
RT: 9.004 min Scan# 973
Delta R.T. 0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

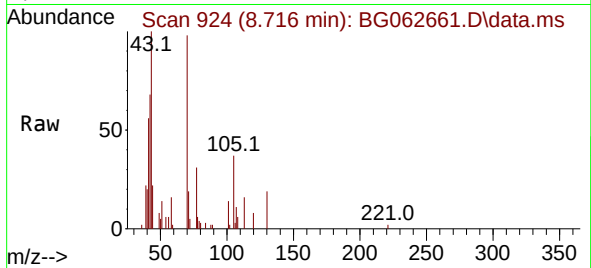
Tgt Ion:117 Resp: 4987
Ion Ratio Lower Upper
117 100
119 96.3 73.4 110.0
201 162.8 93.9 140.9#





#19
n-Nitroso-di-n-propylamine
Concen: 3.043 ng
RT: 8.716 min Scan# 919
Delta R.T. -0.009 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

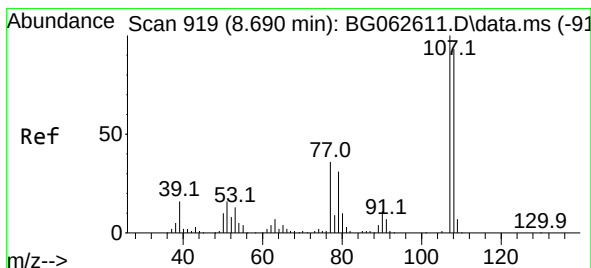
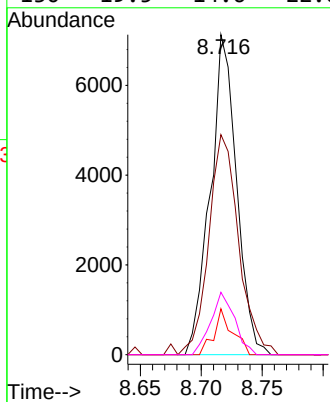
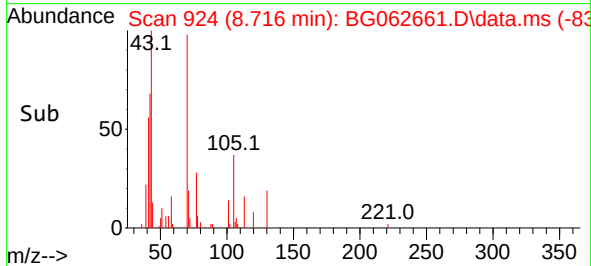
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 70 Resp: 10738
Ion Ratio Lower Upper
70 100
42 68.8 52.3 78.5
101 14.3 6.6 9.8
130 19.5 14.6 22.0

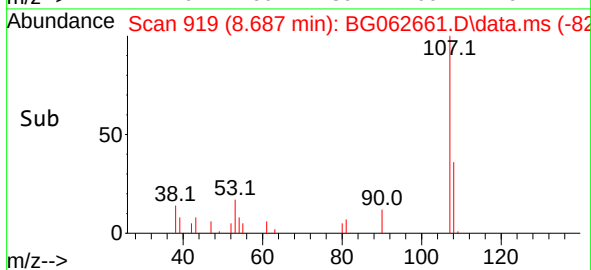
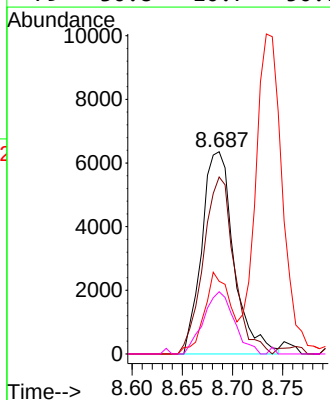
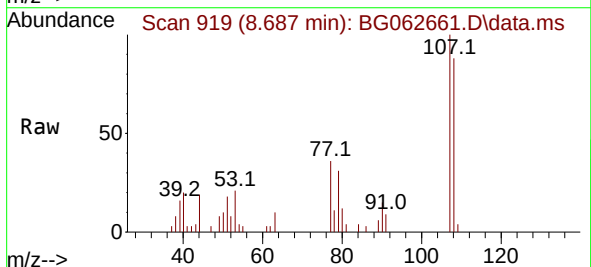
Manual Integrations
APPROVED

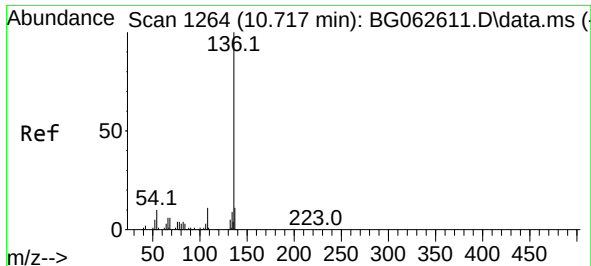
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#20
3+4-Methylphenols
Concen: 3.011 ng
RT: 8.687 min Scan# 919
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

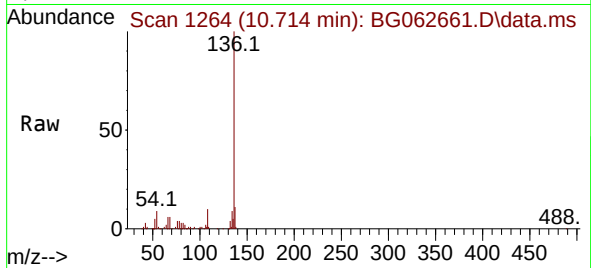
Tgt Ion:107 Resp: 14036
Ion Ratio Lower Upper
107 100
108 87.6 72.7 112.7
77 35.9 16.5 56.5
79 30.8 10.7 50.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.714 min Scan# 1264
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024

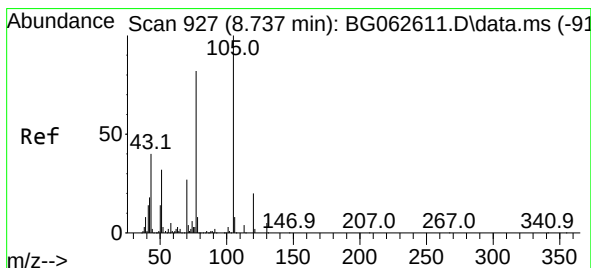
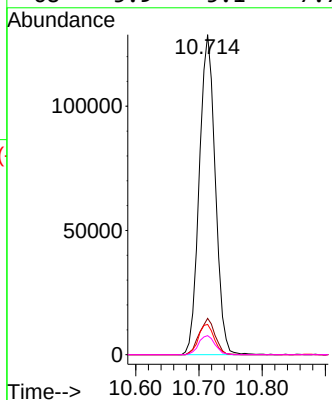


Tgt Ion:136 Resp: 226159

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	9.4	7.8	11.6
68	5.9	5.1	7.7

Manual Integrations
APPROVED

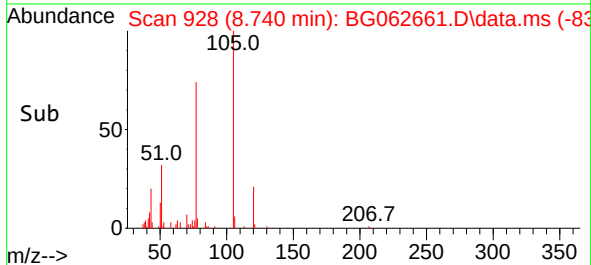
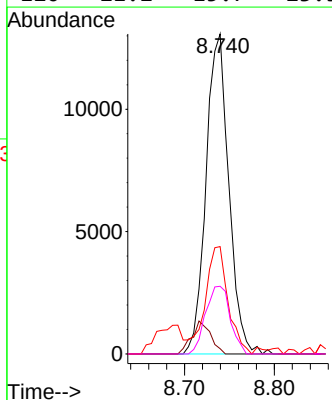
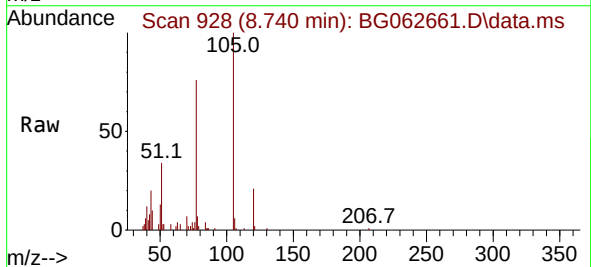
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

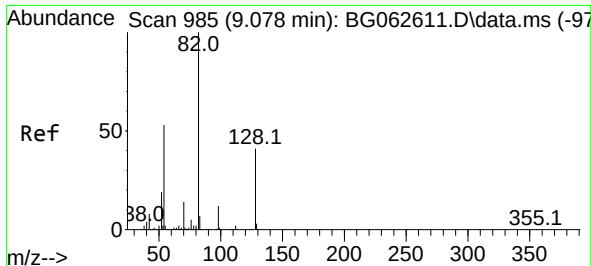


#22
Acetophenone
Concen: 3.772 ng
RT: 8.740 min Scan# 928
Delta R.T. 0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

Tgt Ion:105 Resp: 23015

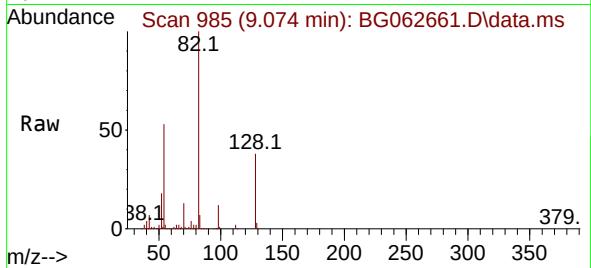
Ion	Ratio	Lower	Upper
105	100		
71	1.7	3.5	5.3#
51	33.6	25.7	38.5
120	21.2	15.7	23.5





#23
Nitrobenzene-d5
Concen: 81.563 ng
RT: 9.074 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

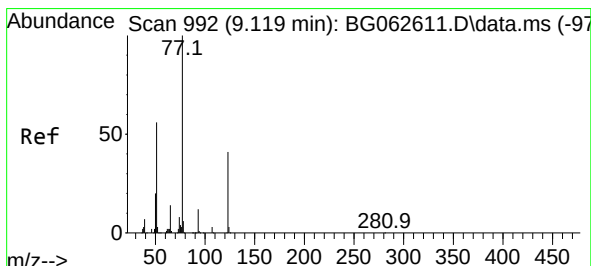
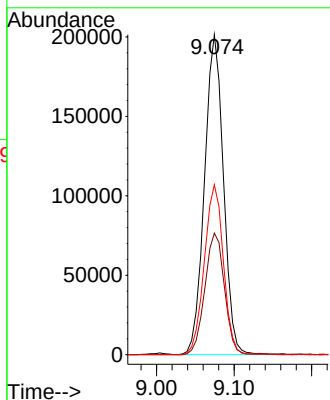
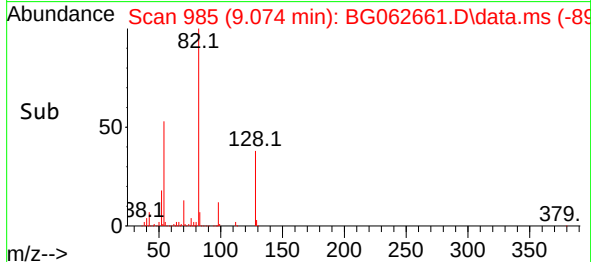
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 82 Resp: 342508
Ion Ratio Lower Upper
82 100
128 38.0 32.5 48.7
54 53.1 42.5 63.7

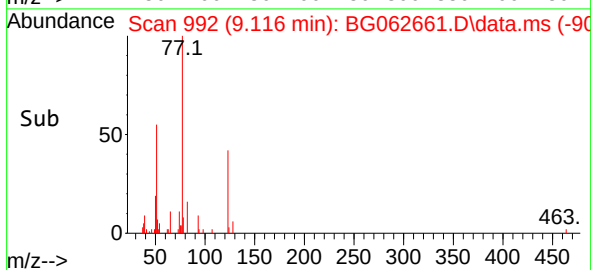
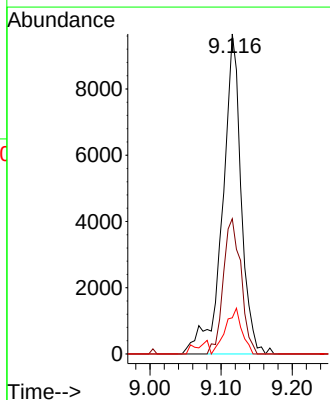
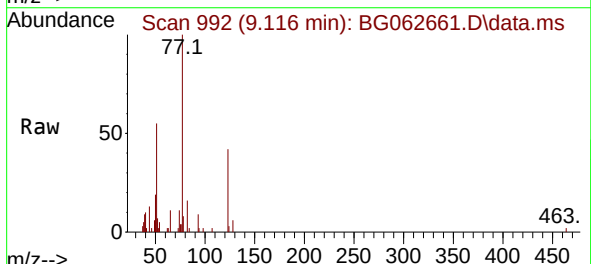
Manual Integrations
APPROVED

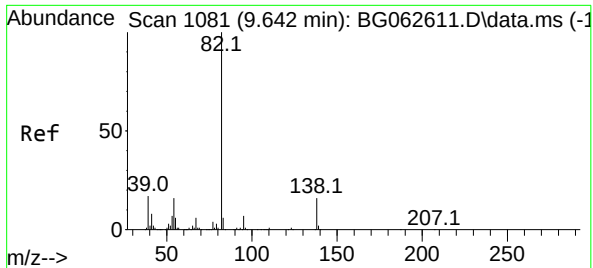
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#24
Nitrobenzene
Concen: 3.922 ng
RT: 9.116 min Scan# 992
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

Tgt Ion: 77 Resp: 17512
Ion Ratio Lower Upper
77 100
123 42.3 33.1 49.7
65 11.3 11.0 16.4





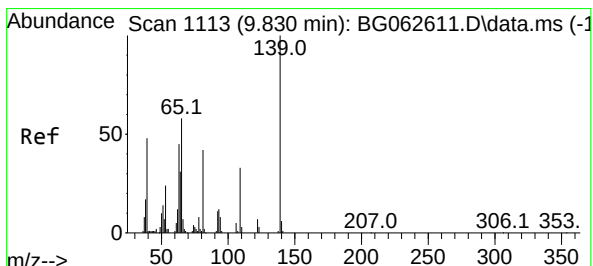
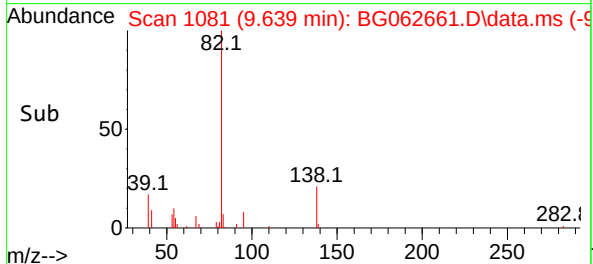
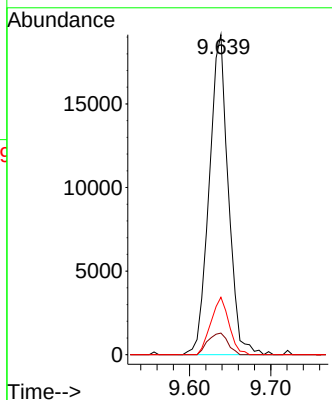
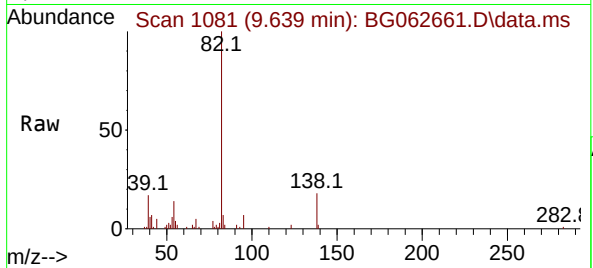
#25
Isophorone
Concen: 3.382 ng
RT: 9.639 min Scan# 1081
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion: 82 Resp: 3117
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 17.9 12.6 18.8

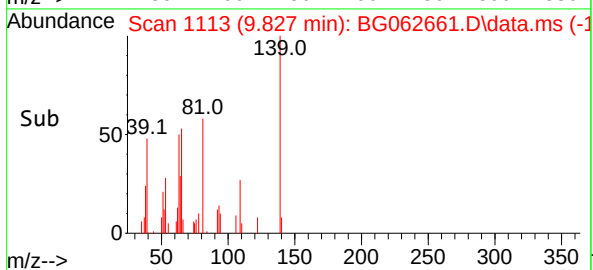
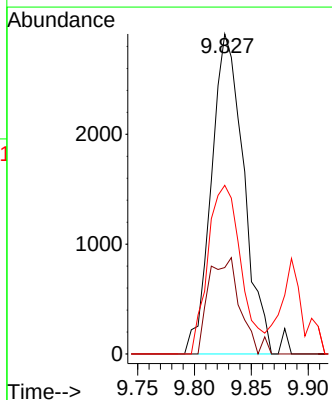
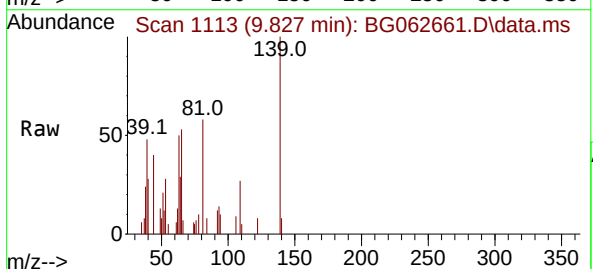
Manual Integrations
APPROVED

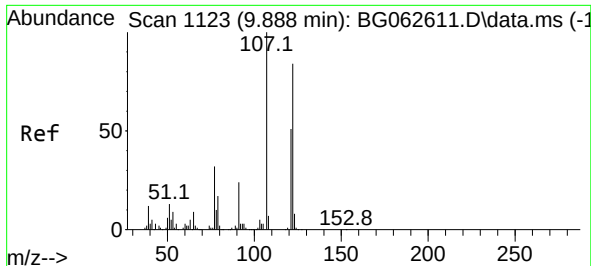
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#26
2-Nitrophenol
Concen: 3.408 ng
RT: 9.827 min Scan# 1113
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

Tgt Ion:139 Resp: 5750
Ion Ratio Lower Upper
139 100
109 27.0 26.6 39.8
65 52.7 46.5 69.7





#27

2,4-Dimethylphenol

Concen: 3.143 ng

RT: 9.885 min Scan# 1123

Delta R.T. -0.003 min

Lab File: BG062661.D

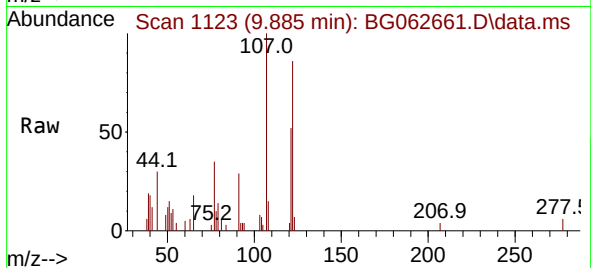
Acq: 5 Sep 2024 11:10

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT3-2024

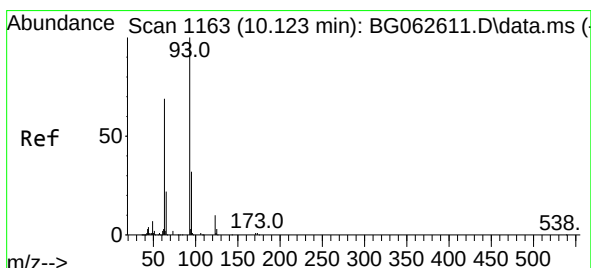
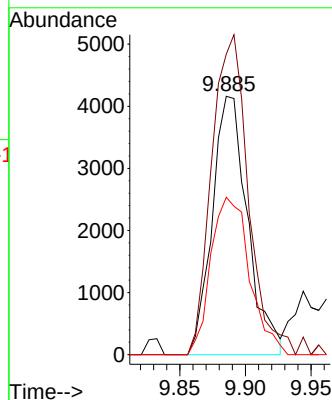
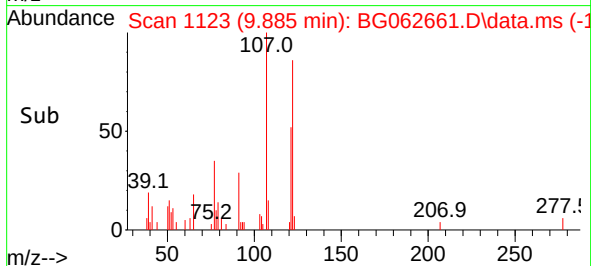


Tgt Ion:	122	Resp:	7770
Ion	Ratio	Lower	Upper
122	100		
107	116.3	95.8	143.6
121	60.9	48.6	72.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#28

bis(2-Chloroethoxy)methane

Concen: 3.459 ng

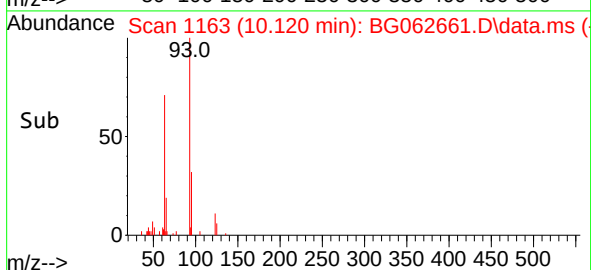
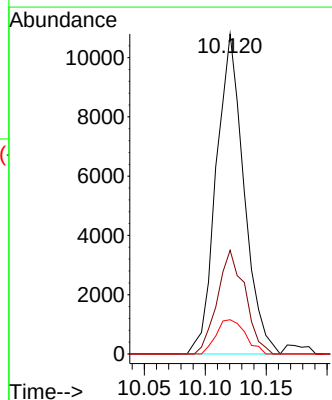
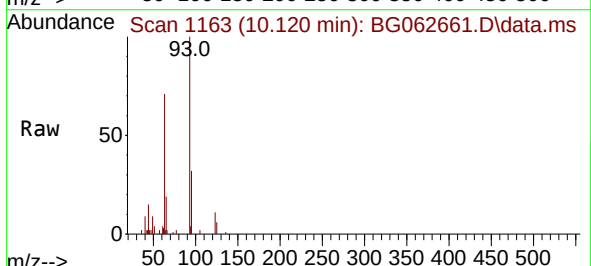
RT: 10.120 min Scan# 1163

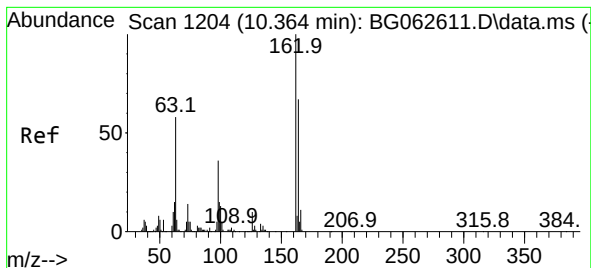
Delta R.T. -0.003 min

Lab File: BG062661.D

Acq: 5 Sep 2024 11:10

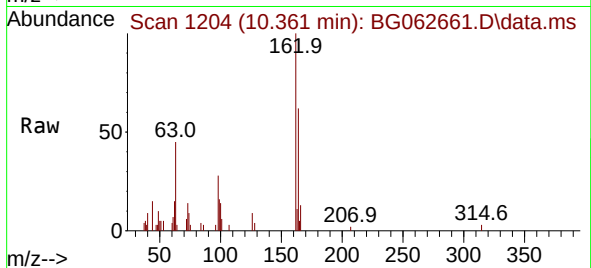
Tgt Ion:	93	Resp:	17071
Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.4	38.0
123	10.7	7.9	11.9





#29
2,4-Dichlorophenol
Concen: 3.515 ng
RT: 10.361 min Scan# 1204
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

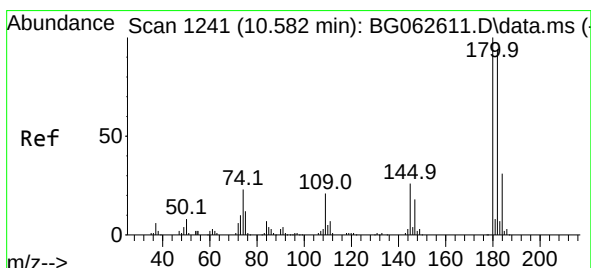
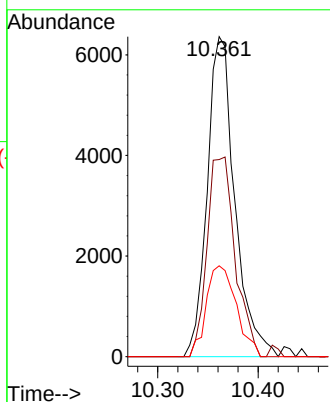
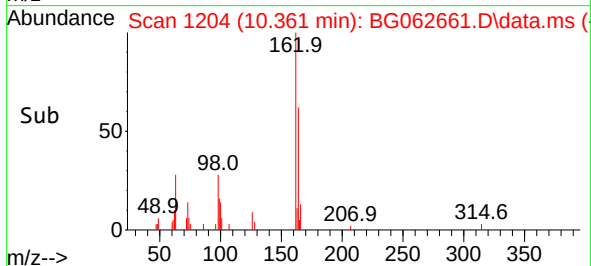
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:162 Resp: 1214
Ion Ratio Lower Upper
162 100
164 61.6 46.8 86.8
98 28.4 16.4 56.4

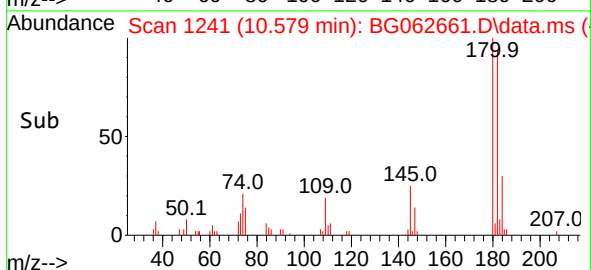
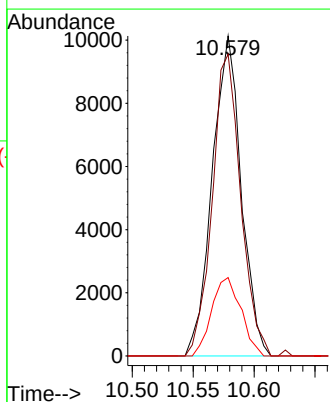
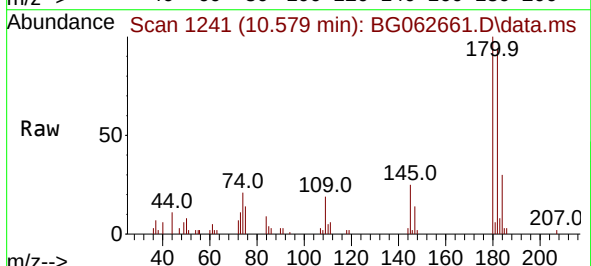
Manual Integrations
APPROVED

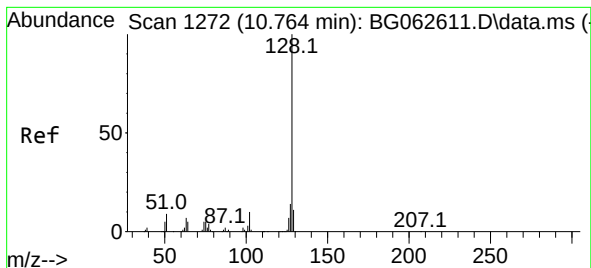
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#30
1,2,4-Trichlorobenzene
Concen: 4.094 ng
RT: 10.579 min Scan# 1241
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

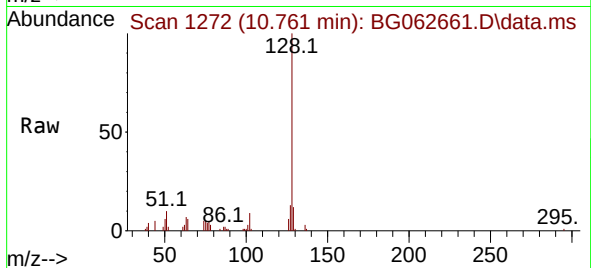
Tgt Ion:180 Resp: 16774
Ion Ratio Lower Upper
180 100
182 94.3 75.1 112.7
145 24.5 20.8 31.2





#31
Naphthalene
Concen: 3.932 ng
RT: 10.761 min Scan# 1272
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

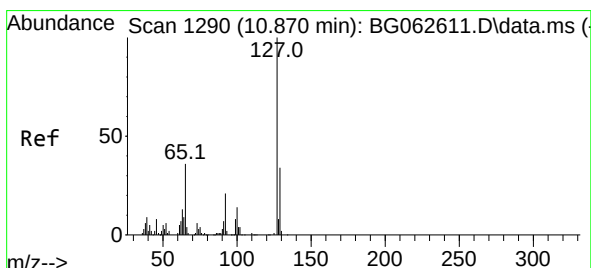
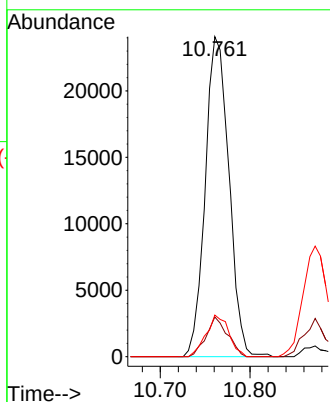
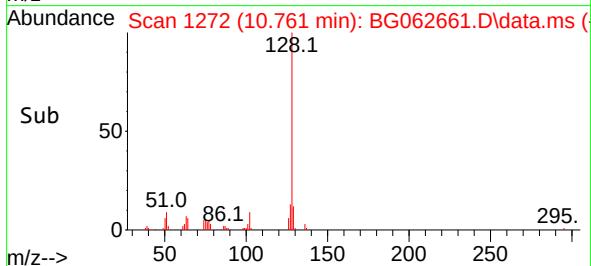
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:128 Resp: 44075
Ion Ratio Lower Upper
128 100
129 12.4 8.8 13.2
127 13.0 11.3 16.9

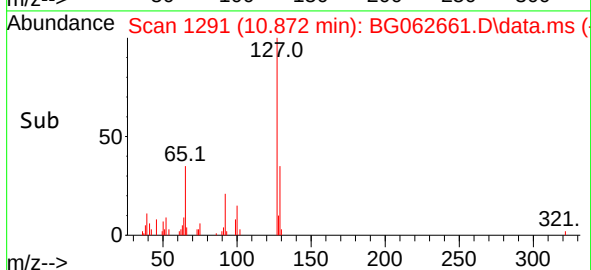
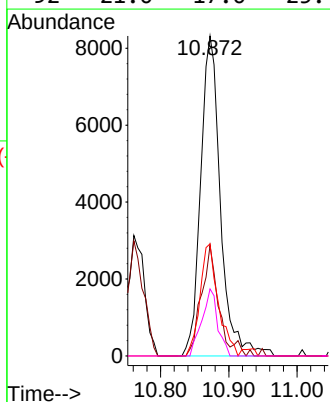
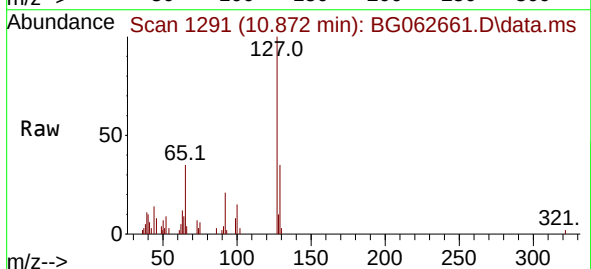
Manual Integrations
APPROVED

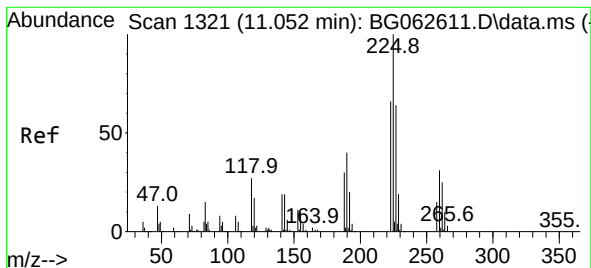
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#33
4-Chloroaniline
Concen: 3.811 ng
RT: 10.872 min Scan# 1291
Delta R.T. 0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

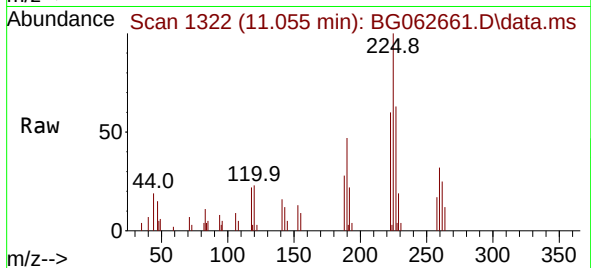
Tgt Ion:127 Resp: 16812
Ion Ratio Lower Upper
127 100
129 34.5 27.3 40.9
65 35.1 29.0 43.4
92 21.0 17.0 25.4





#34
Hexachlorobutadiene
Concen: 3.809 ng
RT: 11.055 min Scan# 1415
Delta R.T. 0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

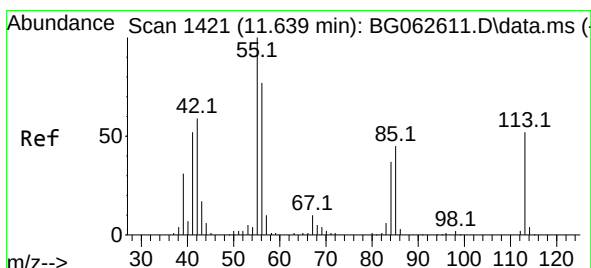
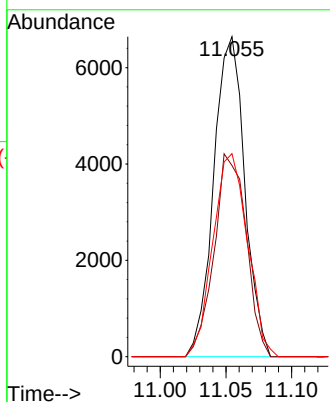
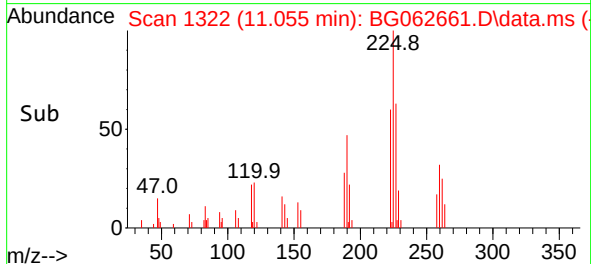
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:225 Resp: 10900
Ion Ratio Lower Upper
225 100
223 59.8 50.1 75.1
227 67.7 48.9 73.3

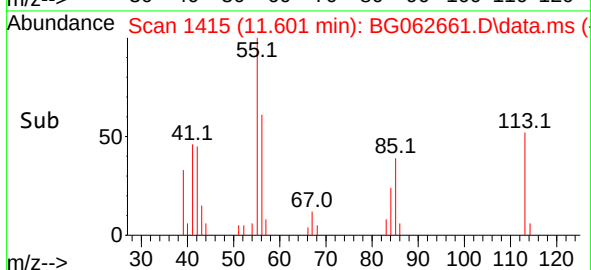
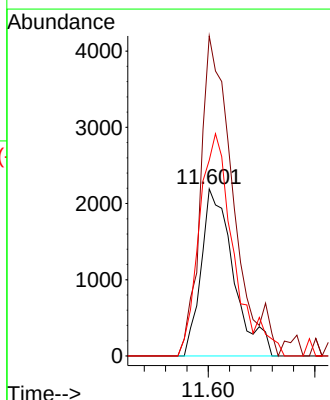
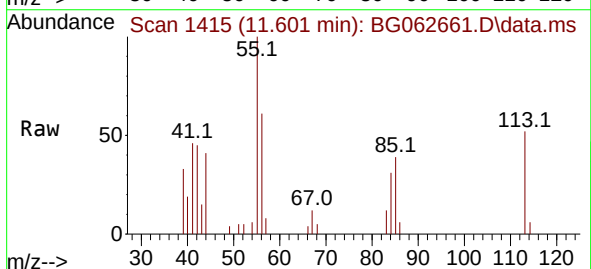
Manual Integrations
APPROVED

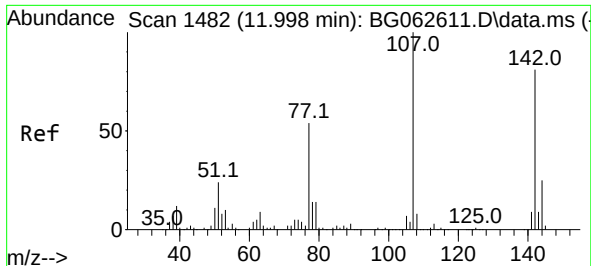
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#35
Caprolactam
Concen: 3.449 ng
RT: 11.601 min Scan# 1415
Delta R.T. -0.038 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

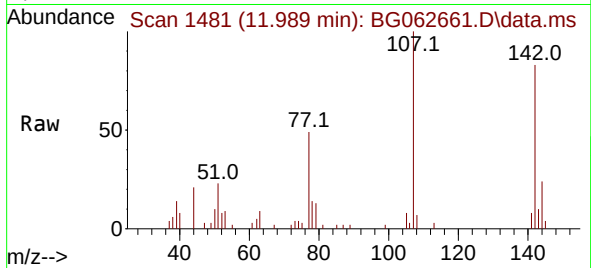
Tgt Ion:113 Resp: 4596
Ion Ratio Lower Upper
113 100
55 191.6 174.1 214.1
56 117.2 129.8 169.8#





#36
4-Chloro-3-methylphenol
Concen: 3.088 ng
RT: 11.989 min Scan# 1482
Delta R.T. -0.009 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

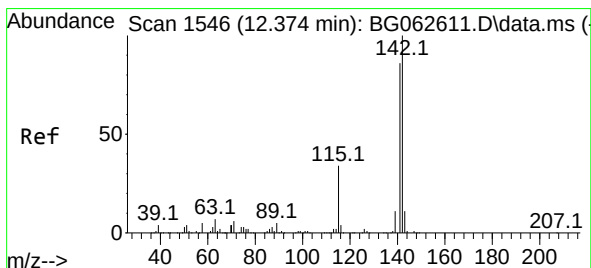
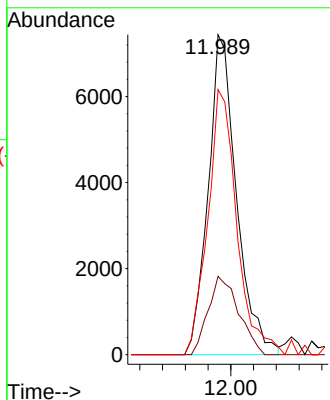
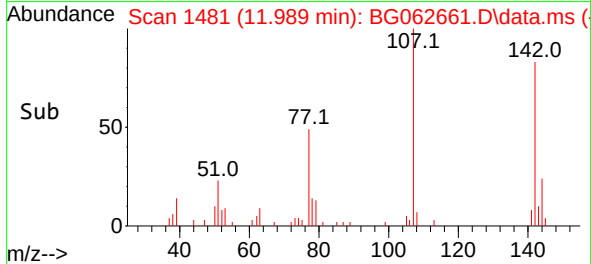
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



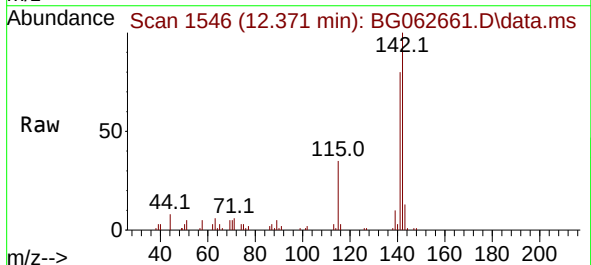
Tgt Ion:107 Resp: 12872
Ion Ratio Lower Upper
107 100
144 24.5 19.8 29.8
142 82.8 64.7 97.1

Manual Integrations
APPROVED

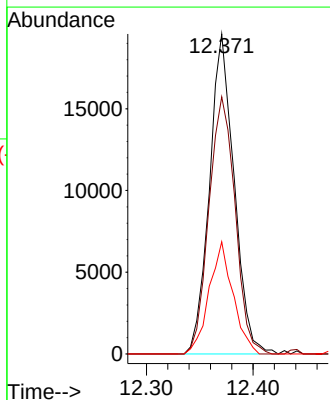
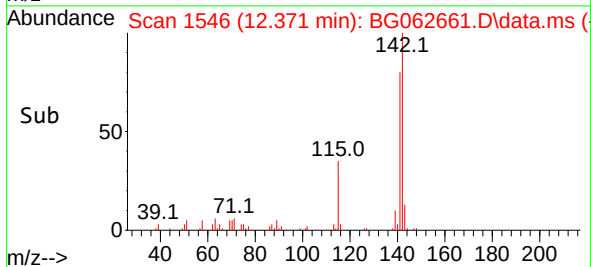
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

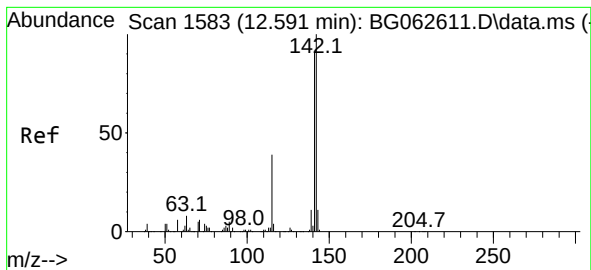


#37
2-Methylnaphthalene
Concen: 3.618 ng
RT: 12.371 min Scan# 1546
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10



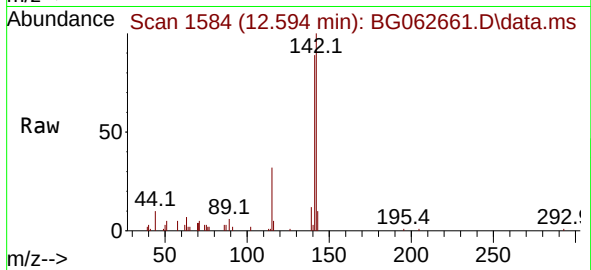
Tgt Ion:142 Resp: 31458
Ion Ratio Lower Upper
142 100
141 80.3 68.9 103.3
115 35.1 27.5 41.3





#38
1-Methylnaphthalene
Concen: 3.503 ng
RT: 12.594 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

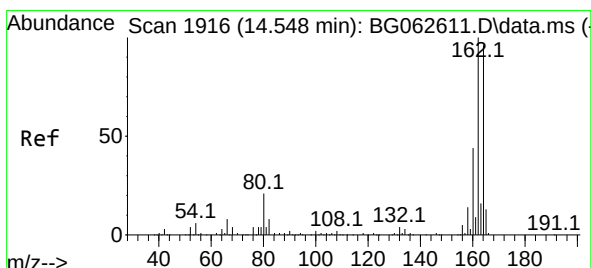
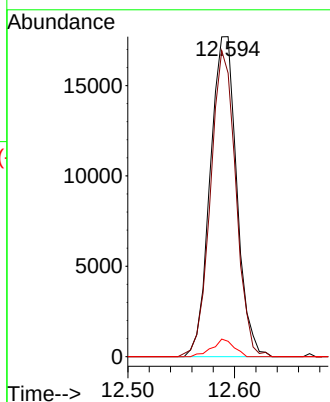
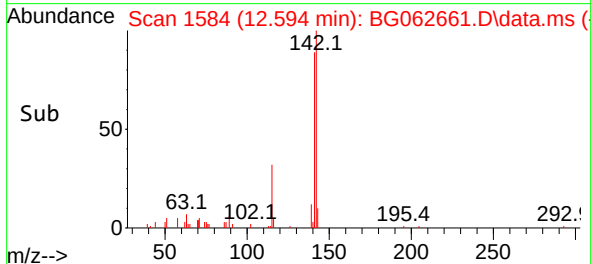
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



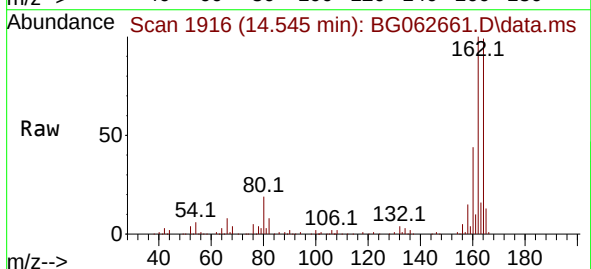
Tgt Ion:142 Resp: 3058
Ion Ratio Lower Upper
142 100
141 88.6 73.0 109.4
116 4.8 3.2 4.8

Manual Integrations
APPROVED

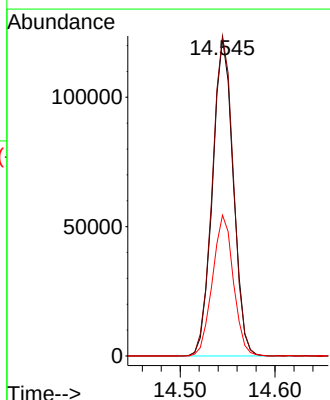
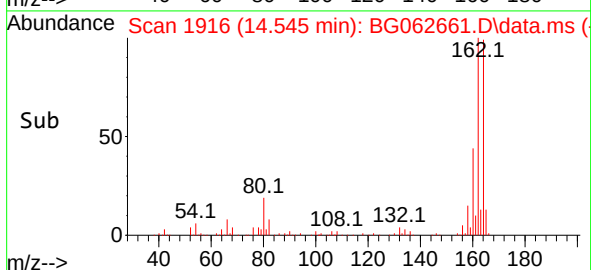
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

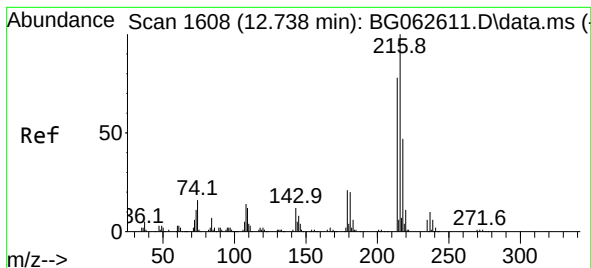


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1916
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10



Tgt Ion:164 Resp: 186253
Ion Ratio Lower Upper
164 100
162 100.7 83.1 124.7
160 44.3 36.2 54.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.881 ng

RT: 12.741 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG062661.D

Acq: 5 Sep 2024 11:10

Instrument :

BNA_G

ClientSampleId :

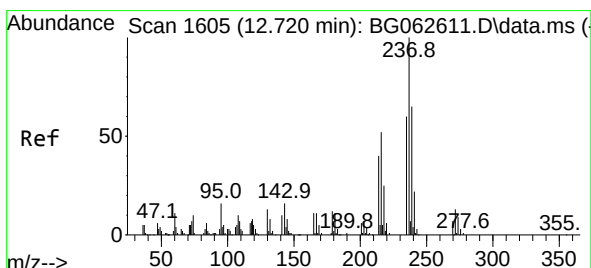
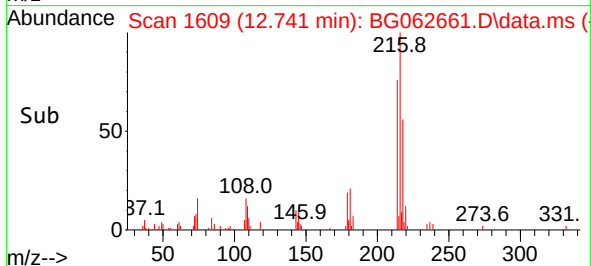
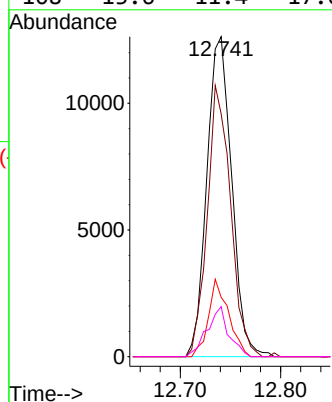
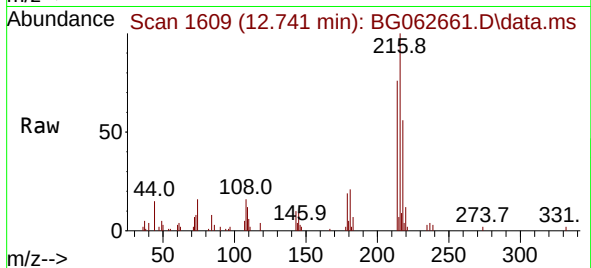
MDL-SOIL-03-QT3-2024

Tgt Ion:	216	Resp:	2174
Ion Ratio	Lower	Upper	
216	100		
214	79.4	61.6	92.4
179	19.6	15.9	23.9
108	13.6	11.4	17.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#41

Hexachlorocyclopentadiene

Concen: 3.247 ng

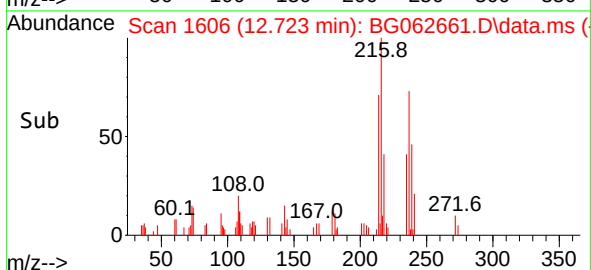
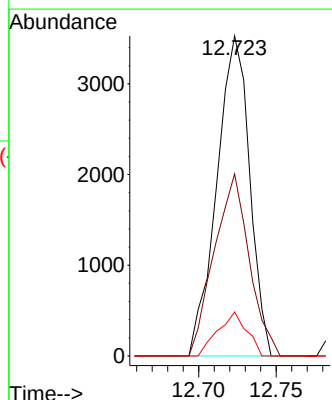
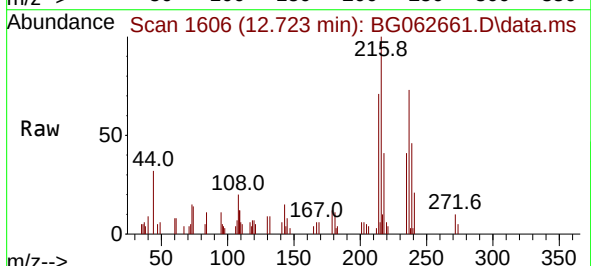
RT: 12.723 min Scan# 1606

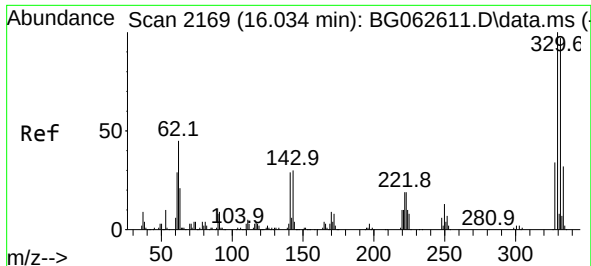
Delta R.T. 0.003 min

Lab File: BG062661.D

Acq: 5 Sep 2024 11:10

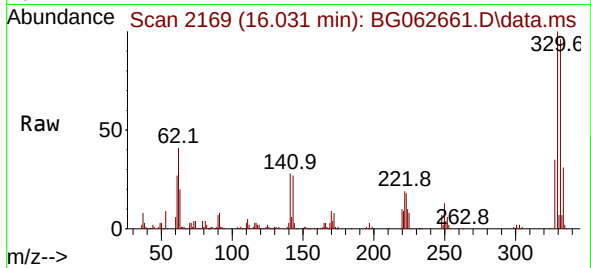
Tgt Ion:	237	Resp:	5189
Ion Ratio	Lower	Upper	
237	100		
235	56.9	40.4	80.4
272	13.7	0.0	32.7





#42
2,4,6-Tribromophenol
Concen: 130.141 ng
RT: 16.031 min Scan# 2169
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

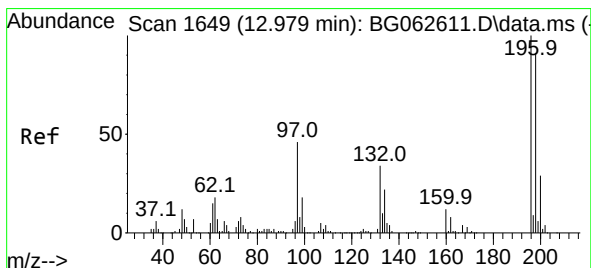
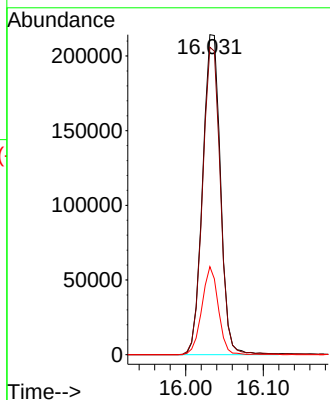
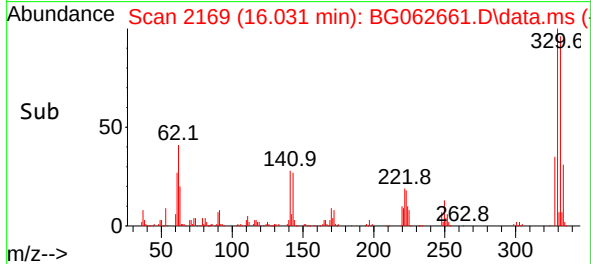
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



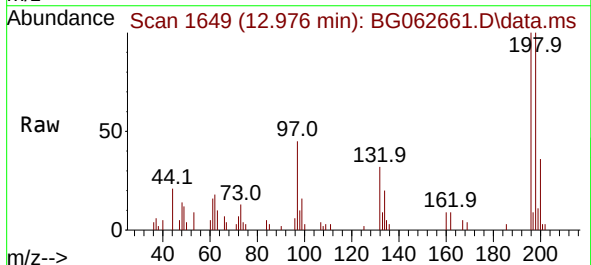
Tgt Ion:330 Resp: 34112
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 25.4 22.2 33.4

Manual Integrations
APPROVED

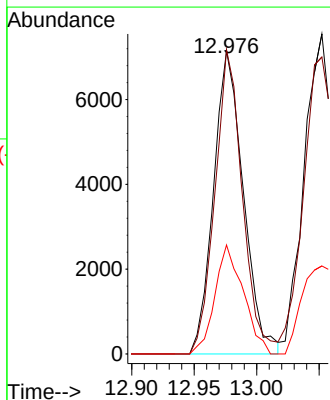
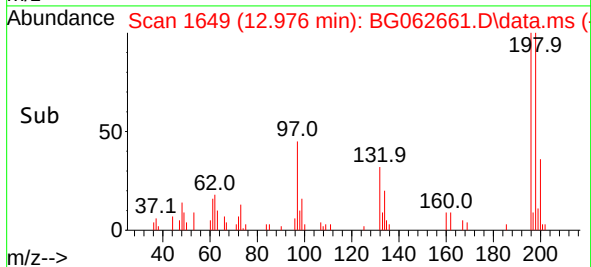
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

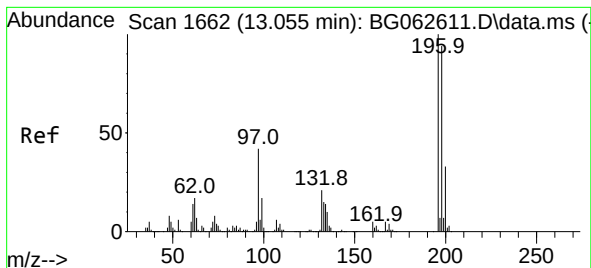


#43
2,4,6-Trichlorophenol
Concen: 3.340 ng m
RT: 12.976 min Scan# 1649
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10



Tgt Ion:196 Resp: 11859
Ion Ratio Lower Upper
196 100
198 100.4 72.8 109.2
200 35.9 23.5 35.3#





#44

2,4,5-Trichlorophenol

Concen: 3.450 ng

RT: 13.052 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG062661.D

Acq: 5 Sep 2024 11:10

Instrument :

BNA_G

ClientSampleId :

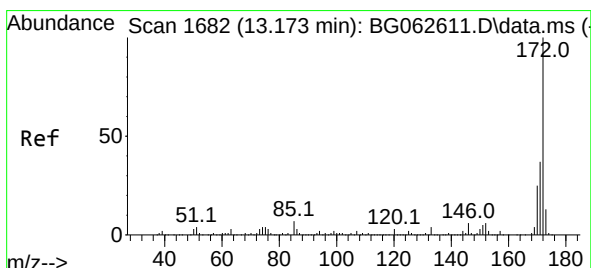
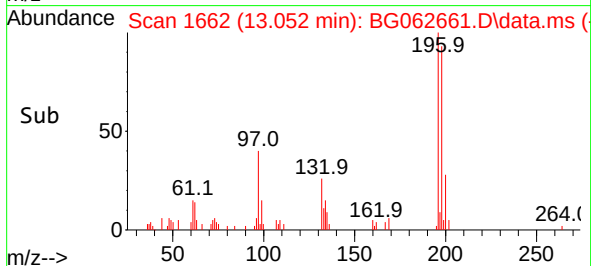
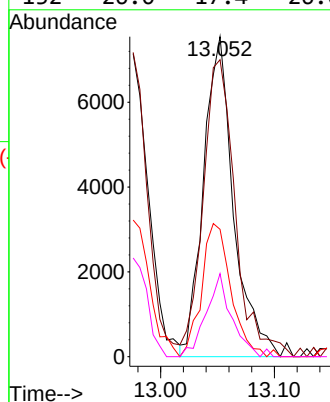
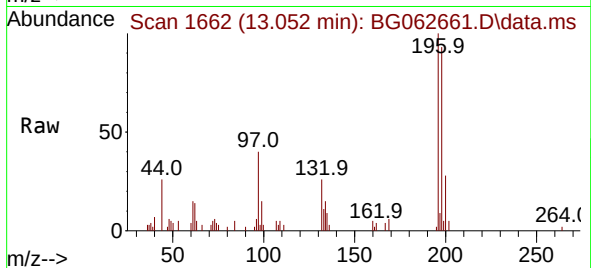
MDL-SOIL-03-QT3-2024

Tgt Ion:	196	Resp:	1387
Ion Ratio	Lower	Upper	
196	100		
198	92.8	75.5	113.3
97	39.8	34.1	51.1
132	26.0	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: 79.221 ng

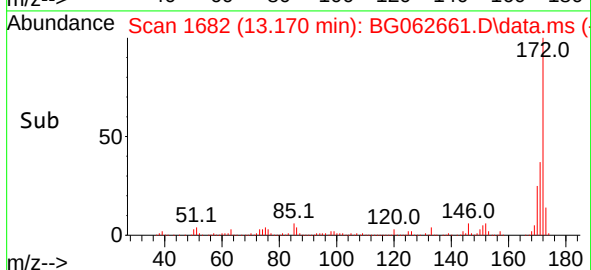
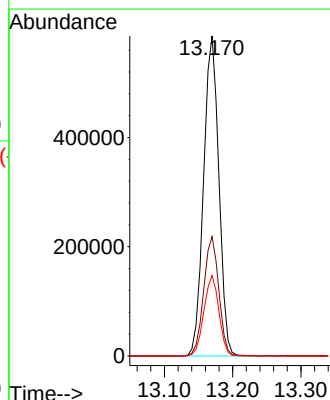
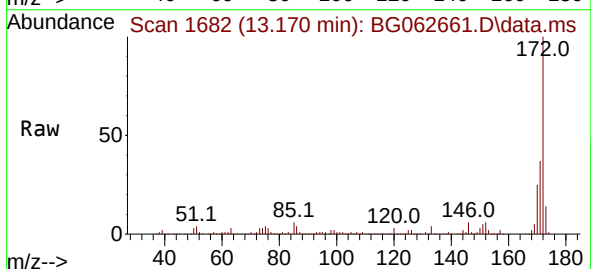
RT: 13.170 min Scan# 1682

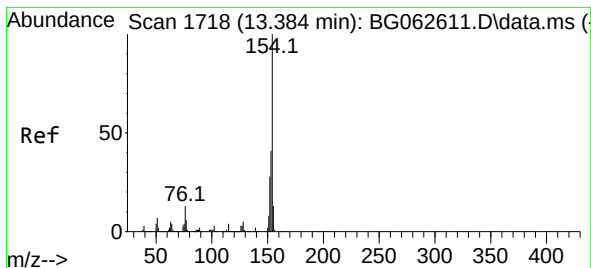
Delta R.T. -0.003 min

Lab File: BG062661.D

Acq: 5 Sep 2024 11:10

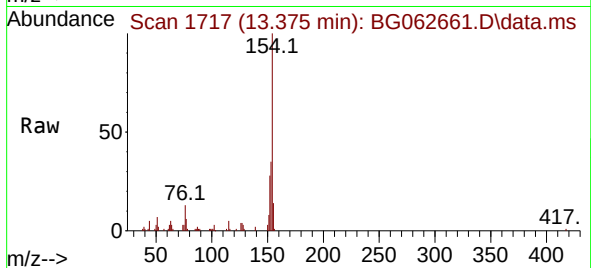
Tgt Ion:	172	Resp:	910935
Ion Ratio	Lower	Upper	
172	100		
171	37.3	29.7	44.5
170	25.2	20.0	30.0





#46
1,1'-Biphenyl
Concen: 4.061 ng
RT: 13.375 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

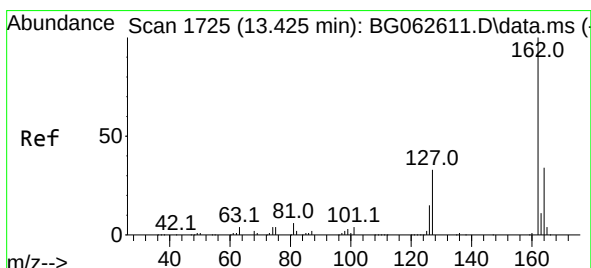
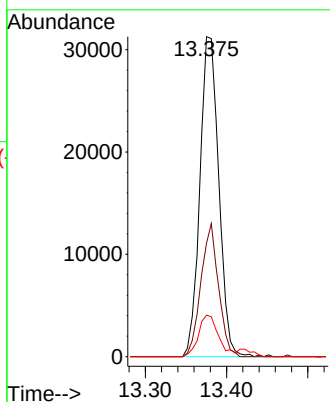
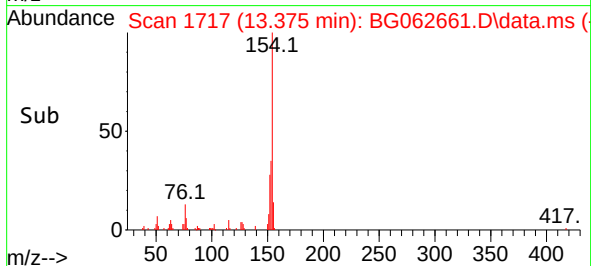
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024



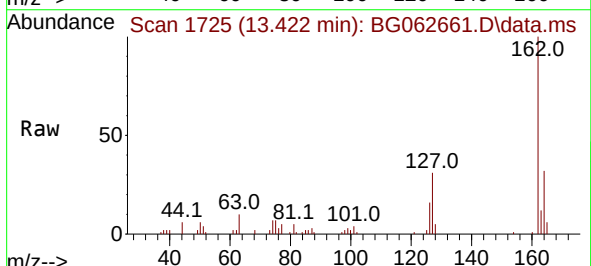
Tgt Ion:154 Resp: 5045
Ion Ratio Lower Upper
154 100
153 35.4 20.8 60.8
76 13.0 0.0 33.4

Manual Integrations
APPROVED

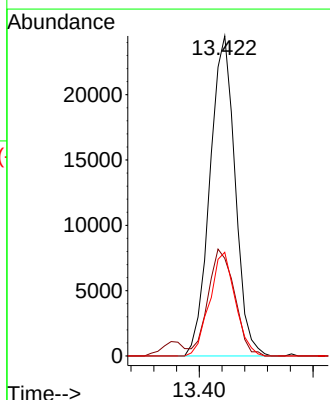
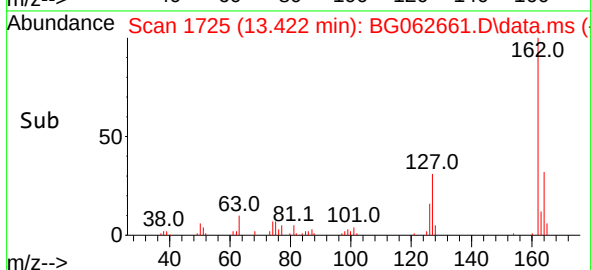
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

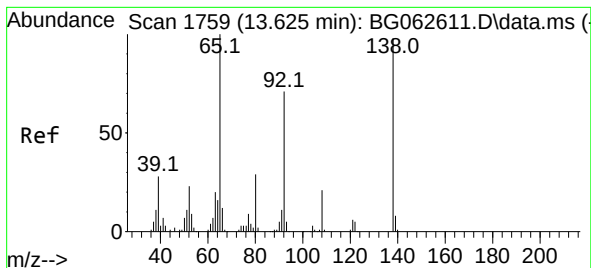


#47
2-Chloronaphthalene
Concen: 3.744 ng
RT: 13.422 min Scan# 1725
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10



Tgt Ion:162 Resp: 37703
Ion Ratio Lower Upper
162 100
127 30.5 28.7 43.1
164 32.4 26.9 40.3





#48

2-Nitroaniline

Concen: 3.444 ng

RT: 13.622 min Scan# 1759

Delta R.T. -0.003 min

Lab File: BG062661.D

Acq: 5 Sep 2024 11:10

Instrument :

BNA_G

ClientSampleId :

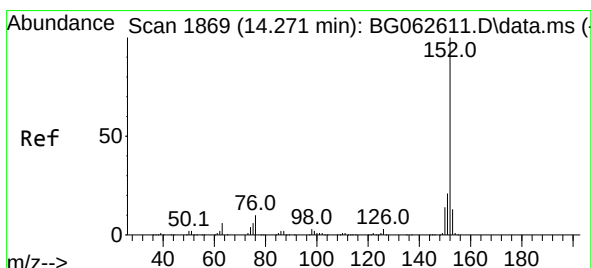
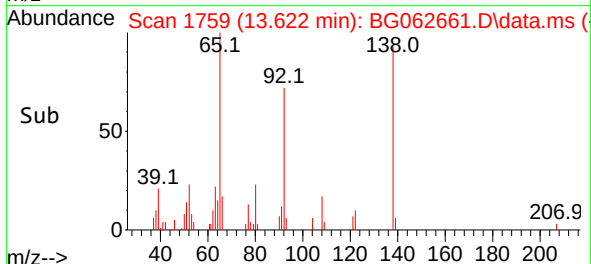
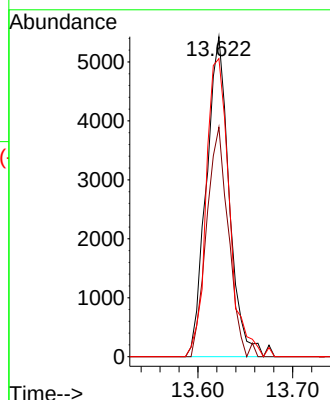
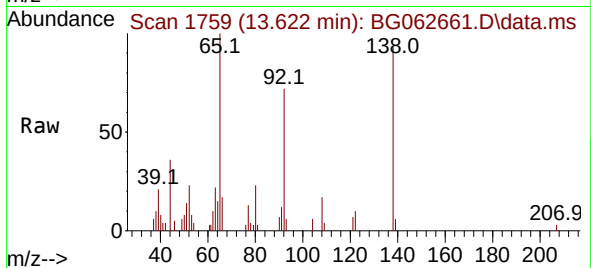
MDL-SOIL-03-QT3-2024

Tgt Ion:	65	Resp:	912
Ion Ratio	Lower	Upper	
65	100		
92	71.7	56.6	84.8
138	93.1	78.7	118.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#49

Acenaphthylene

Concen: 4.011 ng

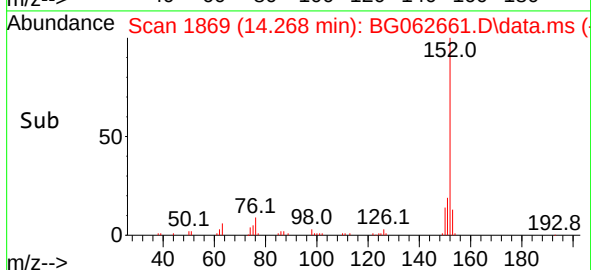
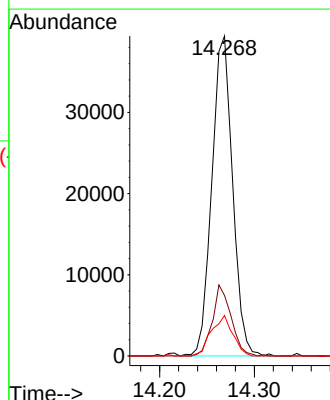
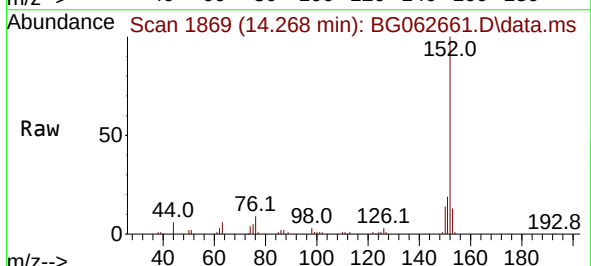
RT: 14.268 min Scan# 1869

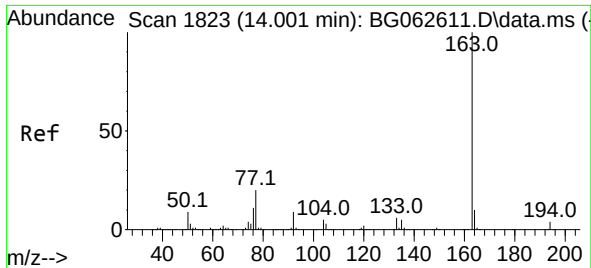
Delta R.T. -0.003 min

Lab File: BG062661.D

Acq: 5 Sep 2024 11:10

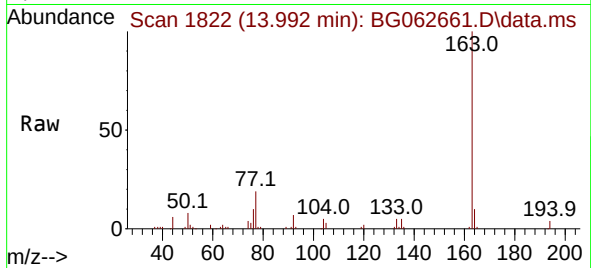
Tgt Ion:	152	Resp:	59811
Ion Ratio	Lower	Upper	
152	100		
151	18.9	16.6	24.8
153	12.7	10.2	15.4





#50
Dimethylphthalate
Concen: 3.788 ng
RT: 13.992 min Scan# 1822
Delta R.T. -0.009 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

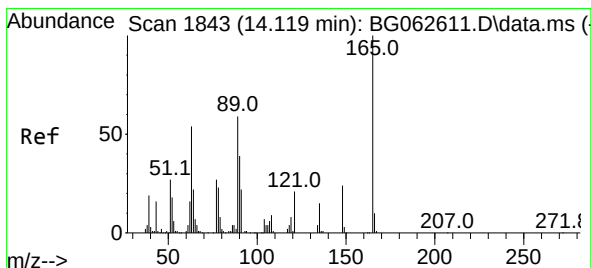
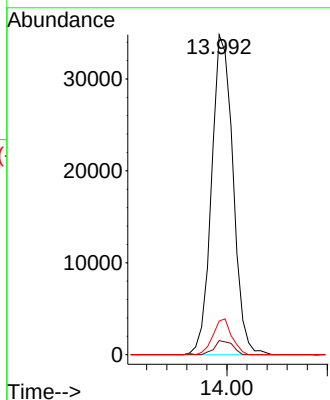
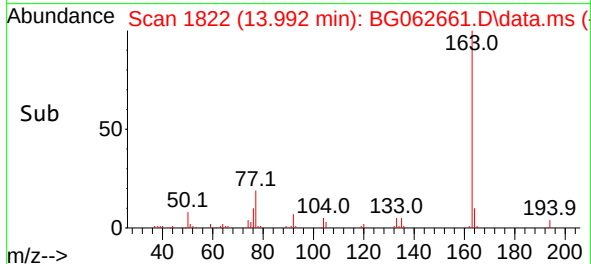
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:163 Resp: 51584
Ion Ratio Lower Upper
163 100
194 4.4 2.9 4.3
164 10.5 8.3 12.5

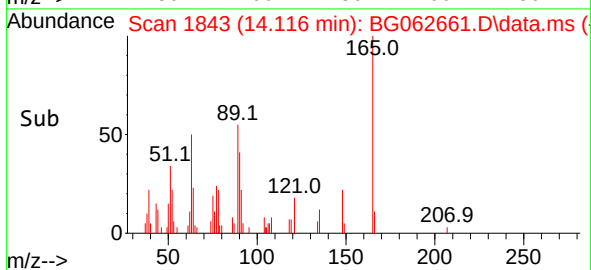
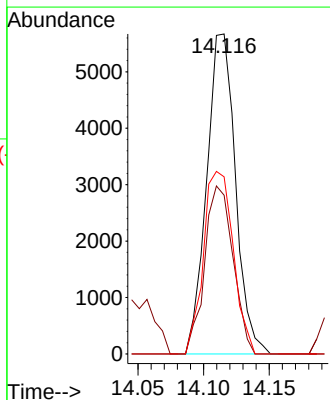
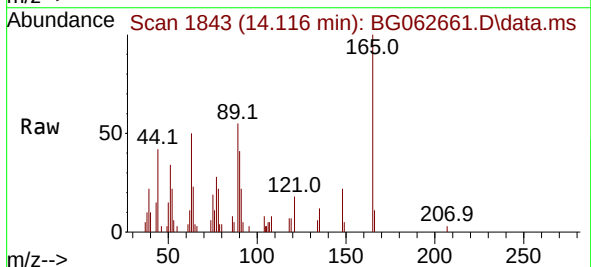
Manual Integrations
APPROVED

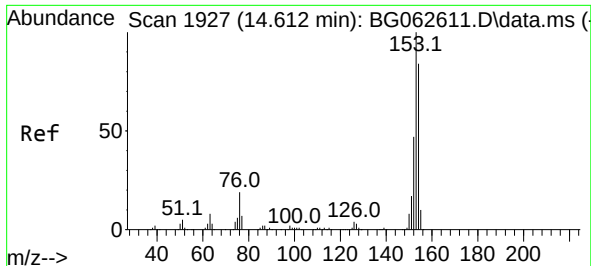
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#51
2,6-Dinitrotoluene
Concen: 3.362 ng
RT: 14.116 min Scan# 1843
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

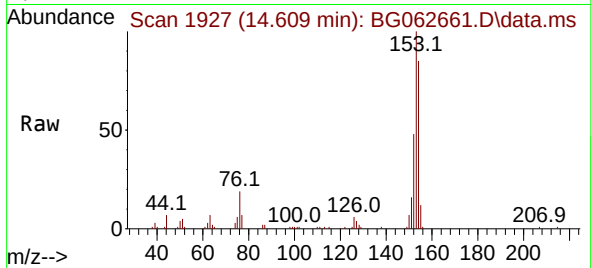
Tgt Ion:165 Resp: 8660
Ion Ratio Lower Upper
165 100
63 49.6 46.6 69.8
89 55.4 47.2 70.8





#52
Acenaphthene
Concen: 3.768 ng
RT: 14.609 min Scan# 1927
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

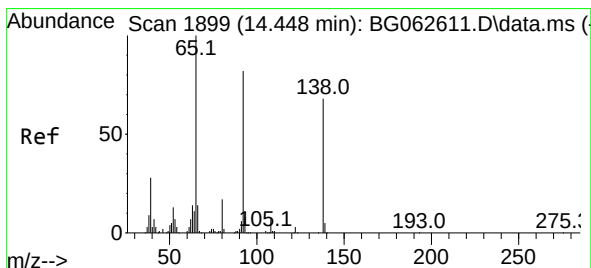
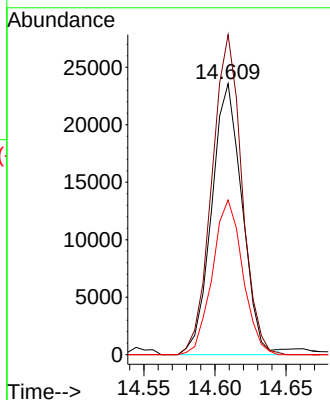
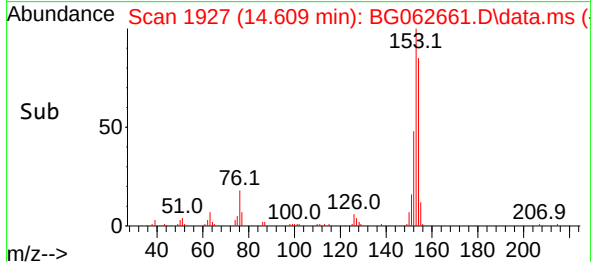
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion:154 Resp: 3513
Ion Ratio Lower Upper
154 100
153 118.0 95.0 142.4
152 57.1 45.0 67.6

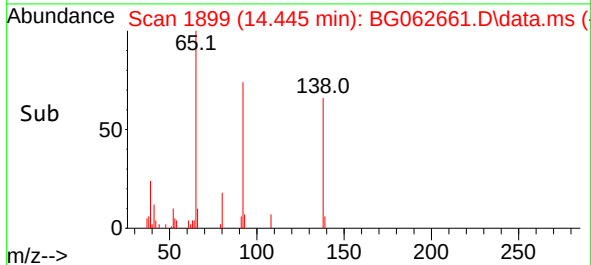
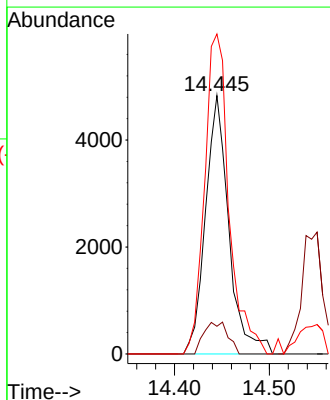
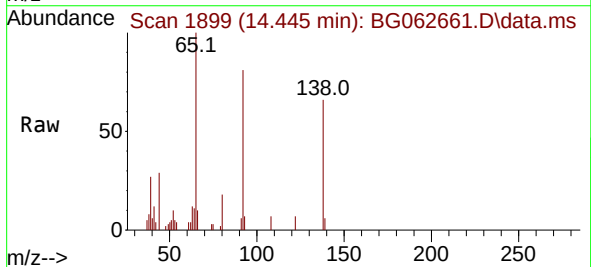
Manual Integrations
APPROVED

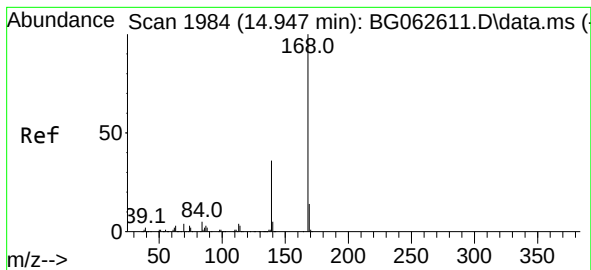
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#53
3-Nitroaniline
Concen: 3.317 ng
RT: 14.445 min Scan# 1899
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

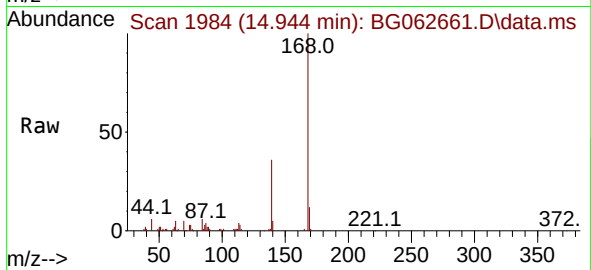
Tgt Ion:138 Resp: 8268
Ion Ratio Lower Upper
138 100
108 10.7 8.6 13.0
92 123.9 95.7 143.5





#55
Dibenzenofuran
Concen: 3.944 ng
RT: 14.944 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

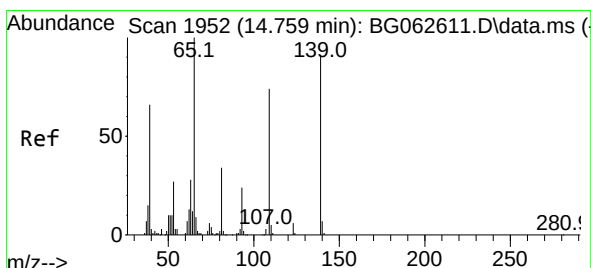
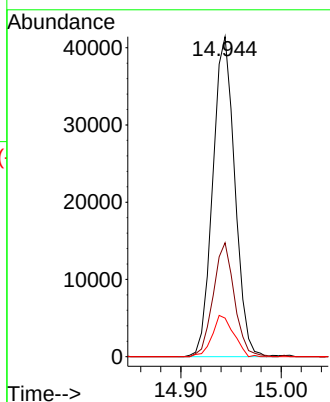
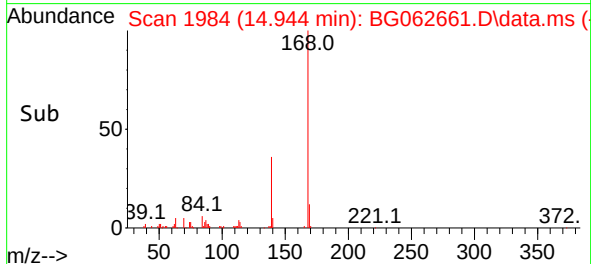
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024



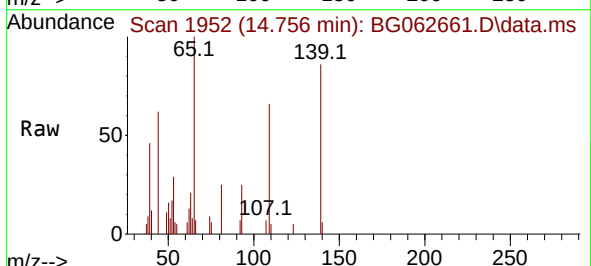
Tgt Ion:168 Resp: 63050
Ion Ratio Lower Upper
168 100
139 35.6 28.6 42.8
169 12.1 11.0 16.6

Manual Integrations
APPROVED

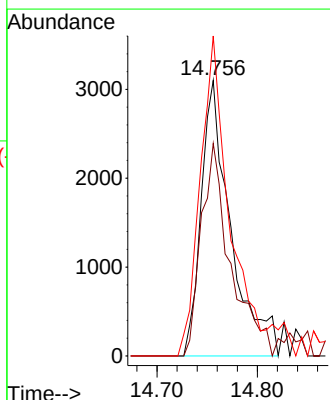
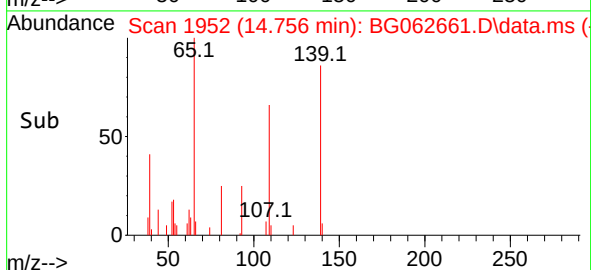
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

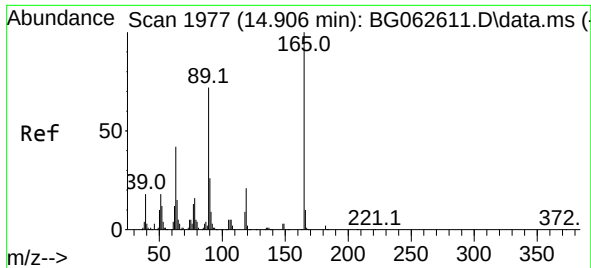


#56
4-Nitrophenol
Concen: 3.009 ng
RT: 14.756 min Scan# 1952
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10



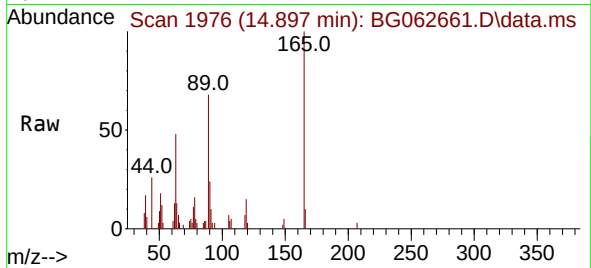
Tgt Ion:139 Resp: 6357
Ion Ratio Lower Upper
139 100
109 77.1 61.2 101.2
65 116.1 90.2 130.2





#57
2,4-Dinitrotoluene
Concen: 3.391 ng
RT: 14.897 min Scan# 1976
Delta R.T. -0.009 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

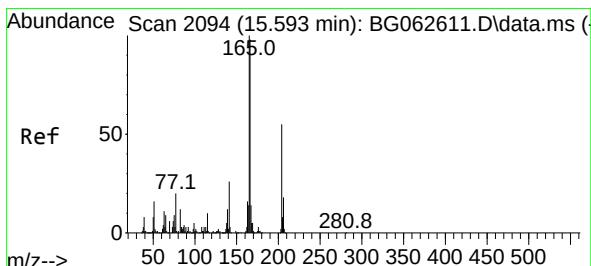
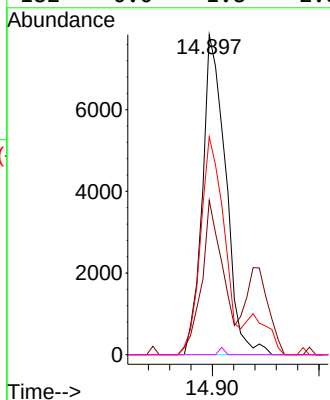
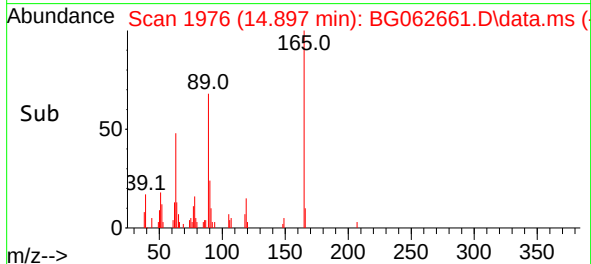
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:165 Resp: 11919
Ion Ratio Lower Upper
165 100
63 48.3 33.8 50.6
89 68.1 57.9 86.9
182 0.0 1.8 2.8#

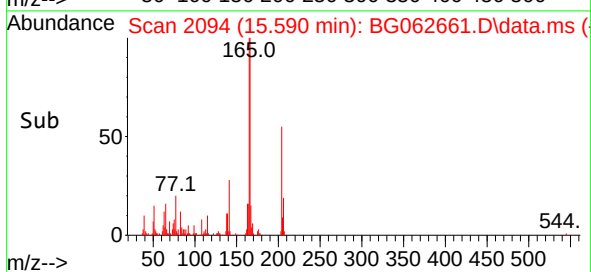
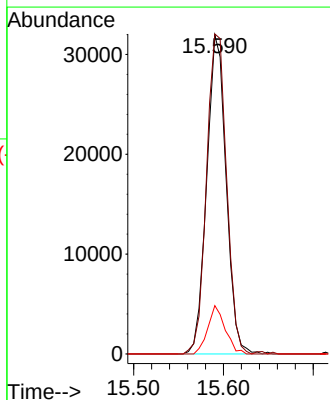
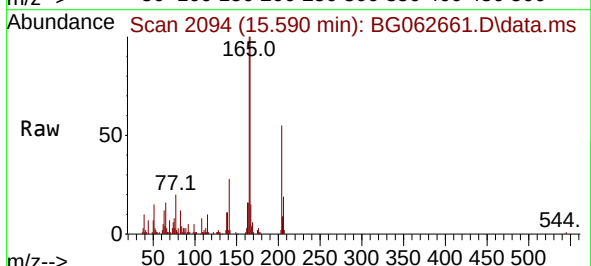
Manual Integrations
APPROVED

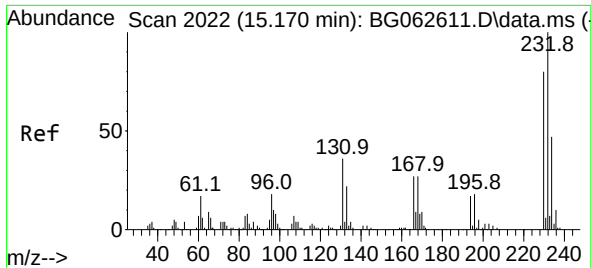
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#58
Fluorene
Concen: 3.827 ng
RT: 15.590 min Scan# 2094
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

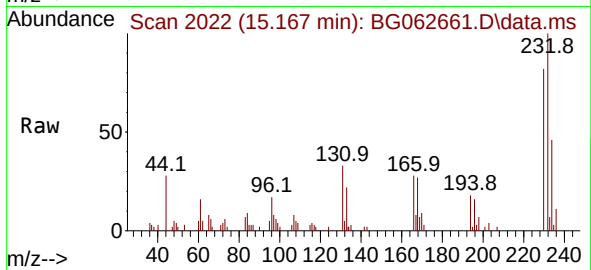
Tgt Ion:166 Resp: 48014
Ion Ratio Lower Upper
166 100
165 100.4 82.0 123.0
167 15.2 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.665 ng
RT: 15.167 min Scan# 2022
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

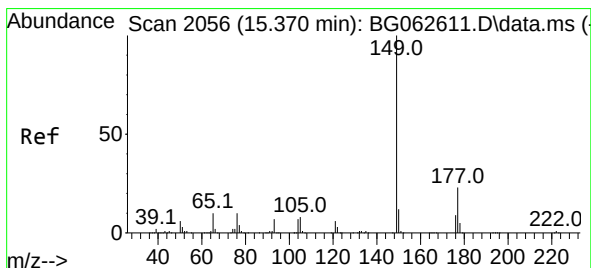
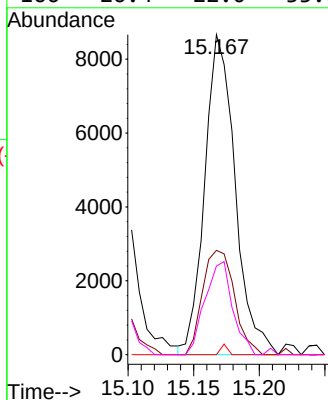
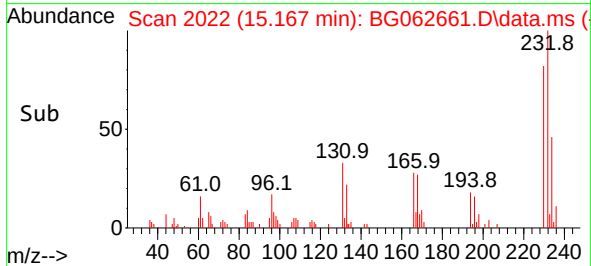
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:232 Resp: 13960
Ion Ratio Lower Upper
232 100
131 34.1 28.3 42.5
130 0.7 1.7 2.5
166 26.4 22.0 33.0

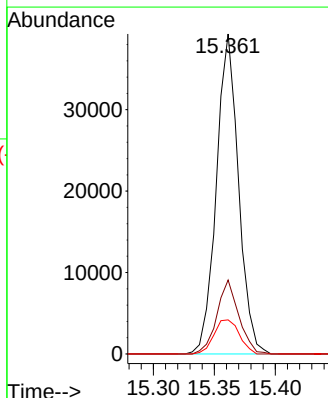
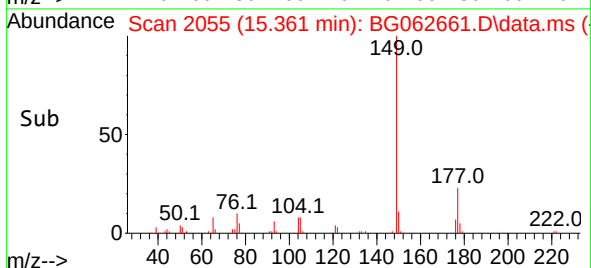
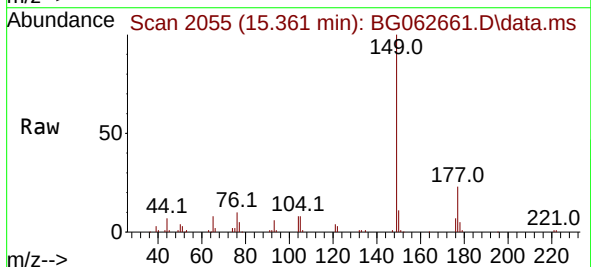
Manual Integrations
APPROVED

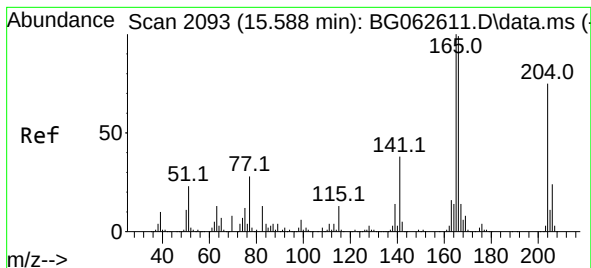
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#60
Diethylphthalate
Concen: 3.681 ng
RT: 15.361 min Scan# 2055
Delta R.T. -0.009 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

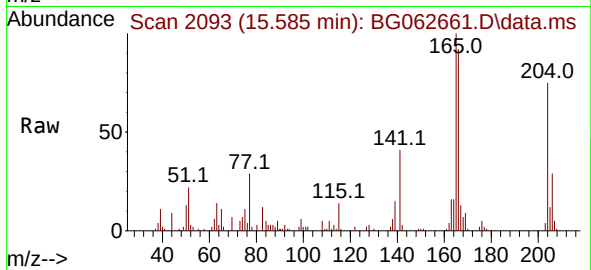
Tgt Ion:149 Resp: 49686
Ion Ratio Lower Upper
149 100
177 23.1 18.0 27.0
150 10.7 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 3.738 ng
RT: 15.585 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

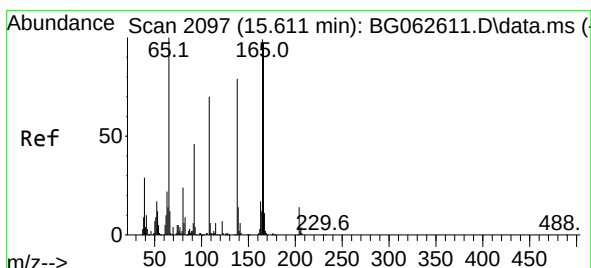
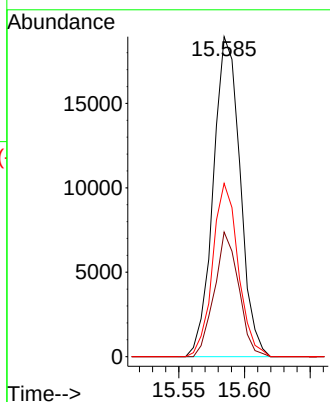
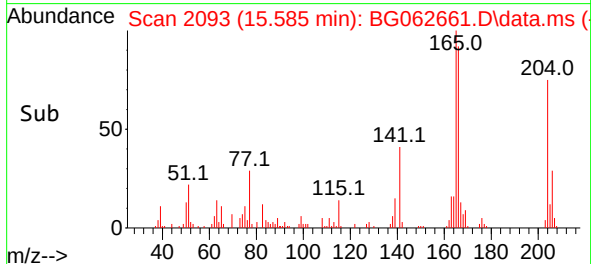
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



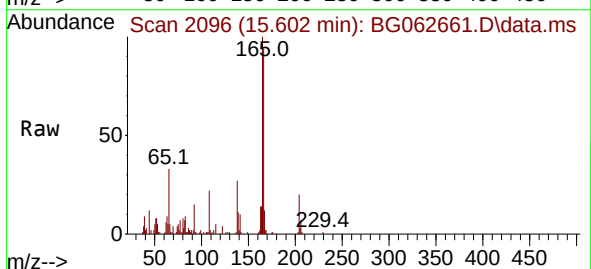
Tgt Ion:204 Resp: 2692
Ion Ratio Lower Upper
204 100
206 39.0 25.9 38.9
141 54.2 41.0 61.6

Manual Integrations
APPROVED

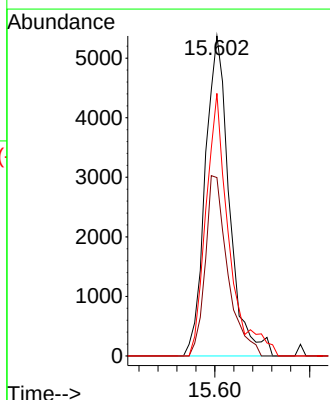
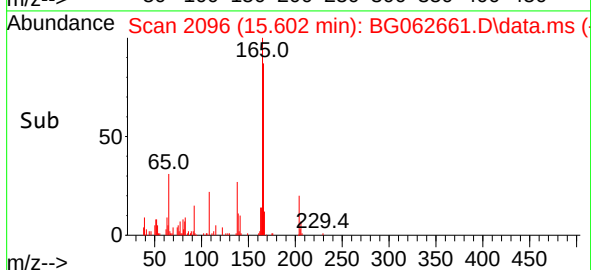
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

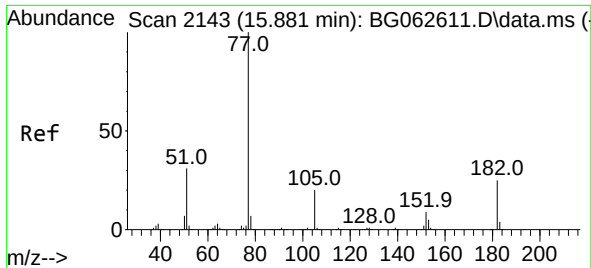


#62
4-Nitroaniline
Concen: 3.454 ng
RT: 15.602 min Scan# 2096
Delta R.T. -0.009 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10



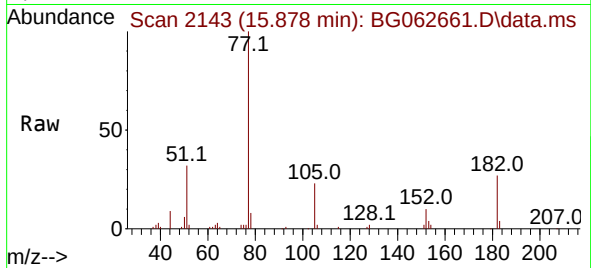
Tgt Ion:138 Resp: 9494
Ion Ratio Lower Upper
138 100
92 55.7 38.4 78.4
108 82.1 69.0 109.0





#63
Azobenzene
Concen: 3.651 ng
RT: 15.878 min Scan# 2143
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

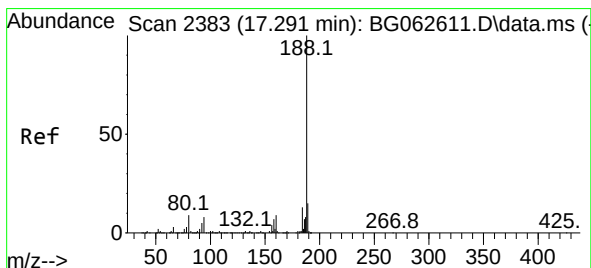
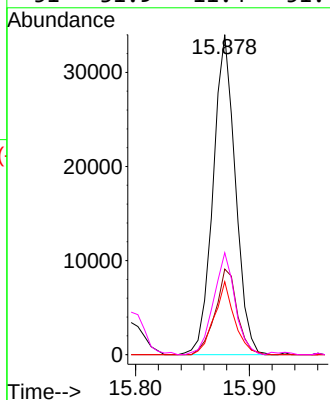
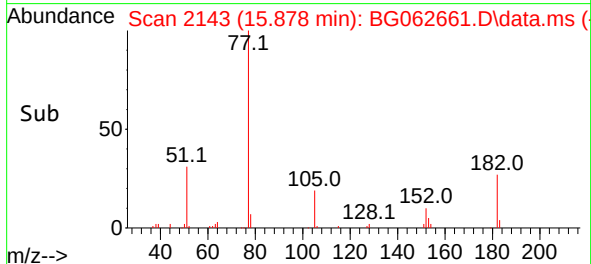
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024



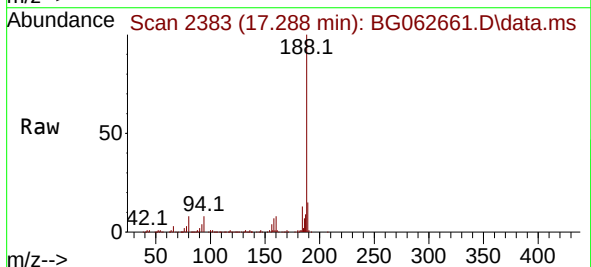
Tgt Ion: 77 Resp: 4627
Ion Ratio Lower Upper
77 100
182 26.7 5.0 45.0
105 22.8 0.5 40.5
51 31.9 11.4 51.4

Manual Integrations
APPROVED

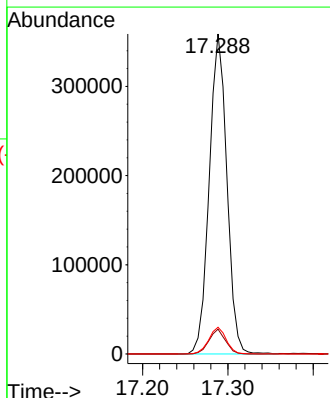
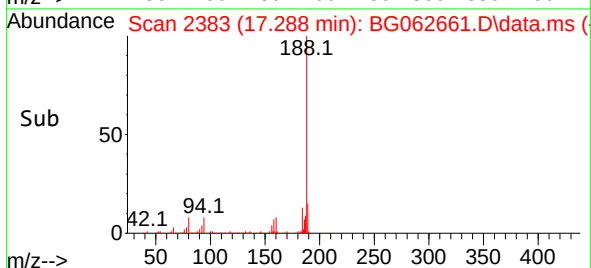
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

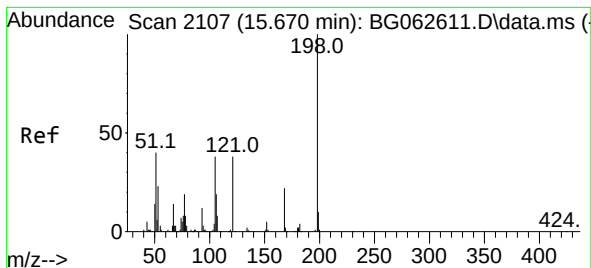


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.288 min Scan# 2383
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10



Tgt Ion:188 Resp: 514802
Ion Ratio Lower Upper
188 100
94 7.8 6.3 9.5
80 8.4 7.0 10.4





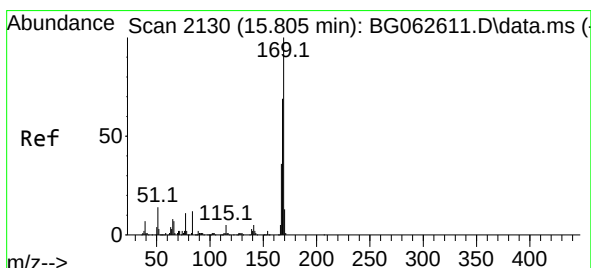
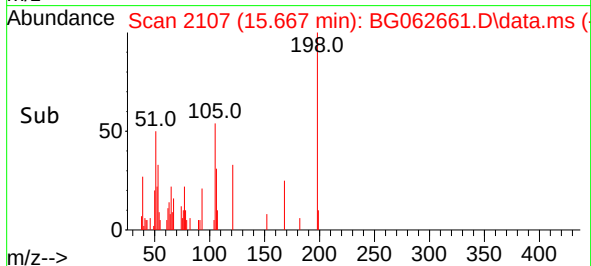
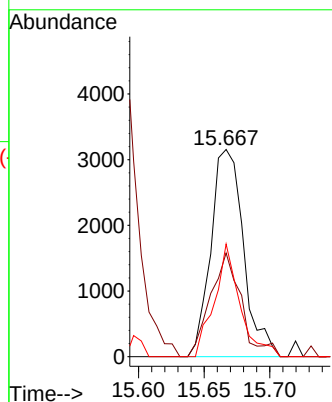
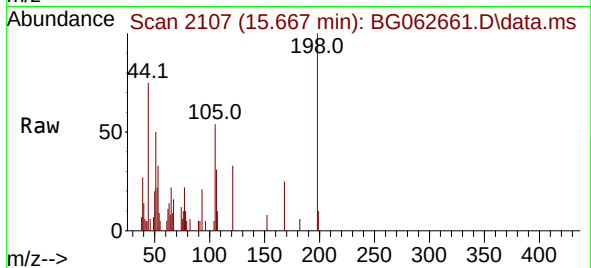
#65
4,6-Dinitro-2-methylphenol
Concen: 2.374 ng
RT: 15.667 min Scan# 2107
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion:198 Resp: 545
Ion Ratio Lower Upper
198 100
51 50.0 25.1 65.1
105 54.4 18.3 58.3

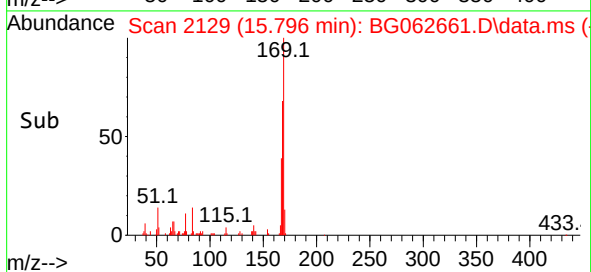
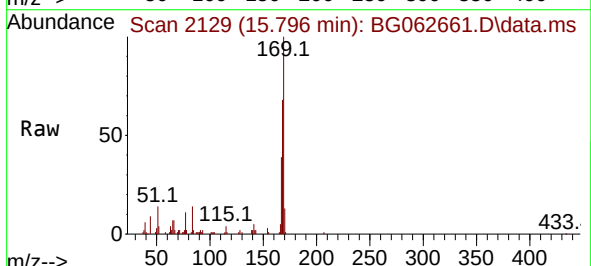
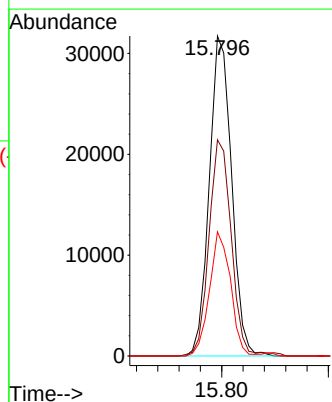
Manual Integrations
APPROVED

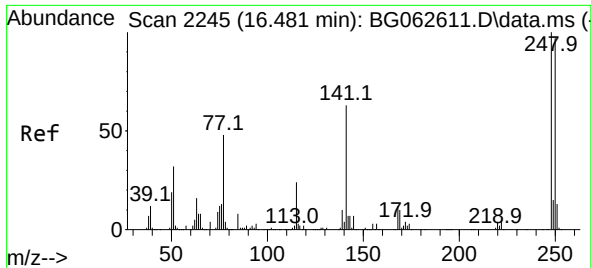
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#66
n-Nitrosodiphenylamine
Concen: 3.718 ng
RT: 15.796 min Scan# 2129
Delta R.T. -0.009 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

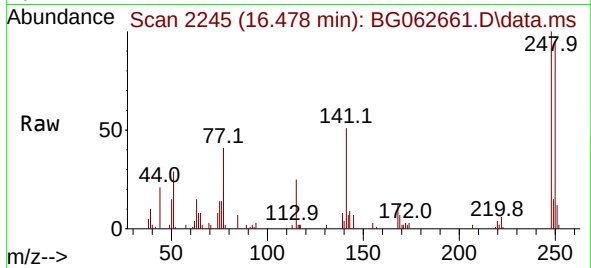
Tgt Ion:169 Resp: 46012
Ion Ratio Lower Upper
169 100
168 67.5 55.4 83.2
167 38.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 3.788 ng
RT: 16.478 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

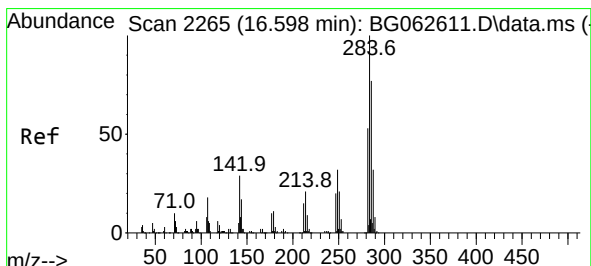
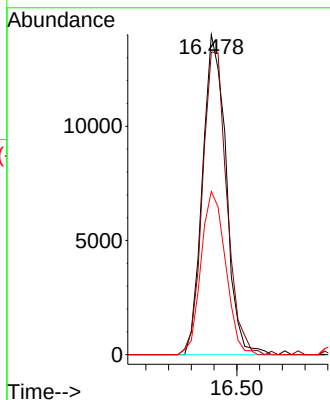
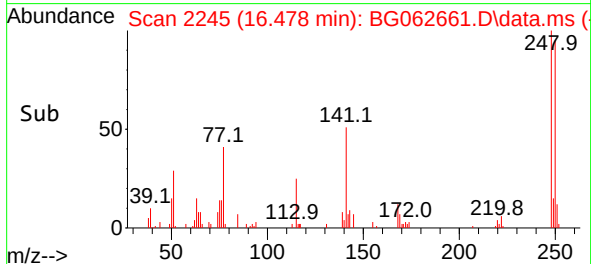
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



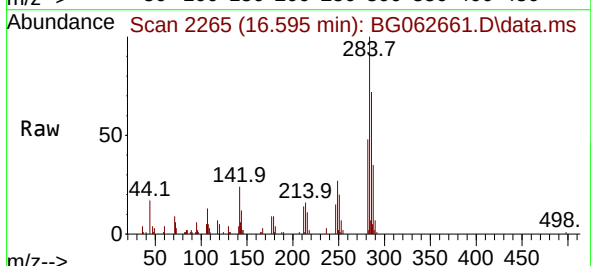
Tgt Ion:248 Resp: 2012
Ion Ratio Lower Upper
248 100
250 94.6 77.9 116.9
141 51.0 50.2 75.2

Manual Integrations
APPROVED

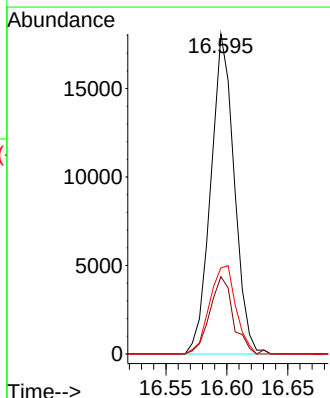
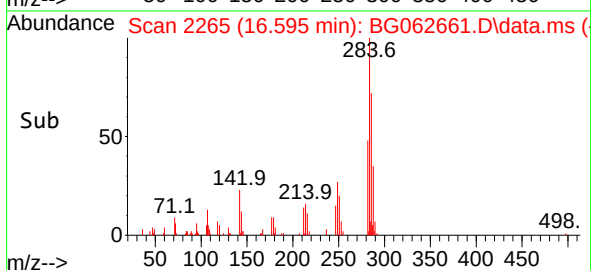
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

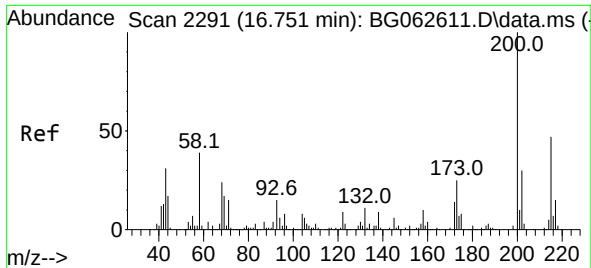


#68
Hexachlorobenzene
Concen: 3.851 ng
RT: 16.595 min Scan# 2265
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10



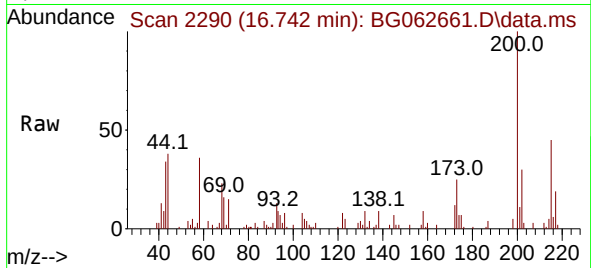
Tgt Ion:284 Resp: 24232
Ion Ratio Lower Upper
284 100
142 24.1 23.5 35.3
249 26.9 25.4 38.0





#69
Atrazine
Concen: 4.721 ng
RT: 16.742 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

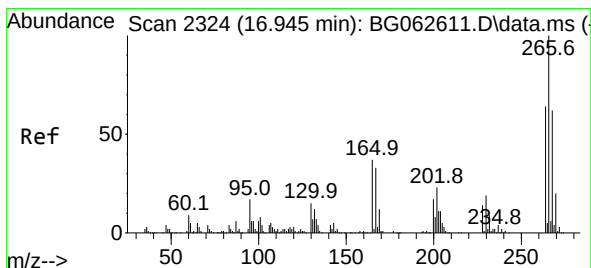
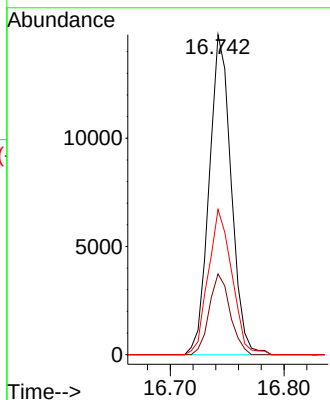
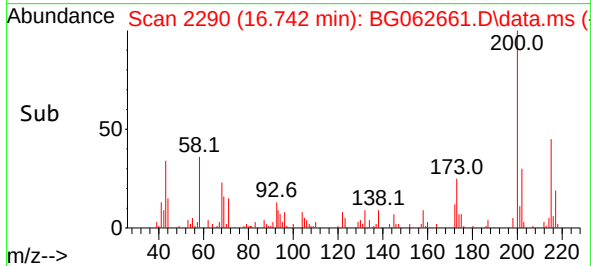
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



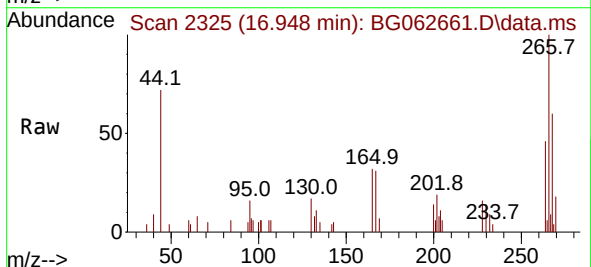
Tgt Ion:200 Resp: 1984
Ion Ratio Lower Upper
200 100
173 25.2 5.2 45.2
215 45.4 27.3 67.3

Manual Integrations
APPROVED

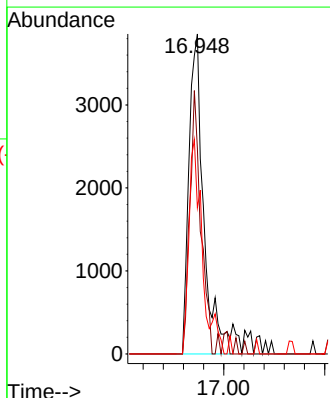
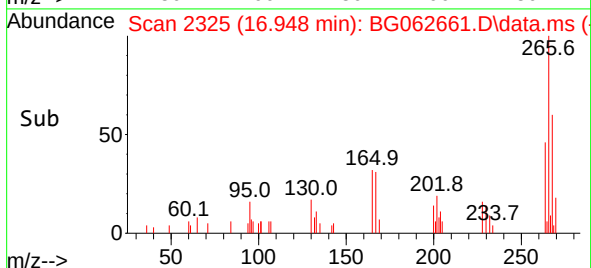
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

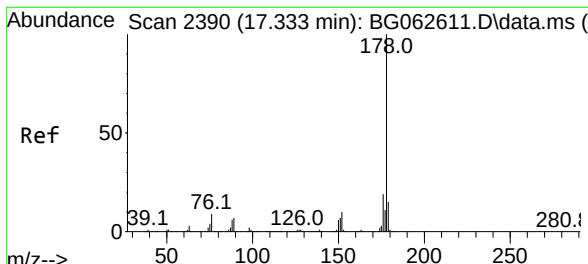


#70
Pentachlorophenol
Concen: 2.120 ng m
RT: 16.948 min Scan# 2325
Delta R.T. 0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10



Tgt Ion:266 Resp: 8543
Ion Ratio Lower Upper
266 100
268 59.7 52.6 79.0
264 45.7 51.6 77.4#





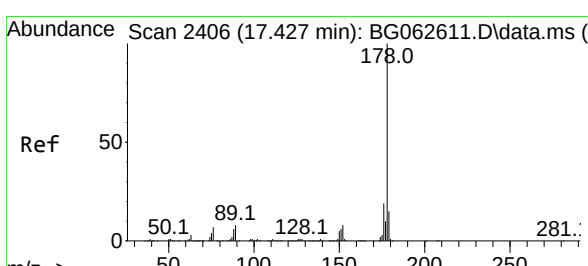
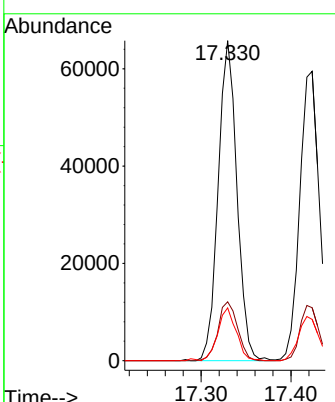
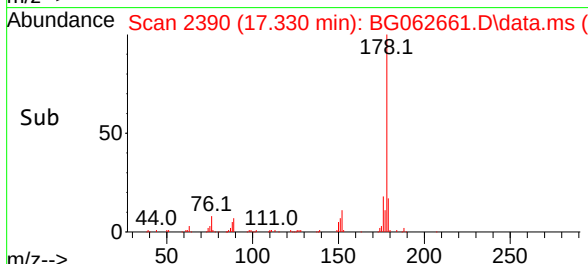
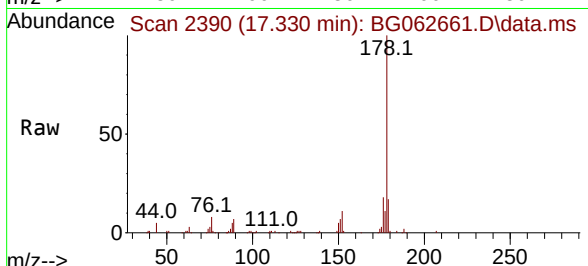
#71
 Phenanthrene
 Concen: 3.975 ng
 RT: 17.330 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG062661.D
 Acq: 5 Sep 2024 11:10

Instrument : BNA_G
 ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion:178 Resp: 95509

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	16.5	12.2	18.4

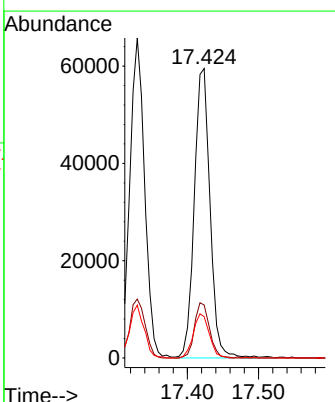
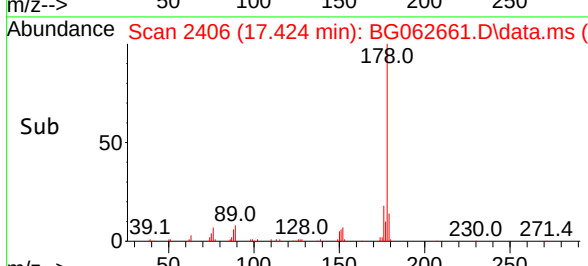
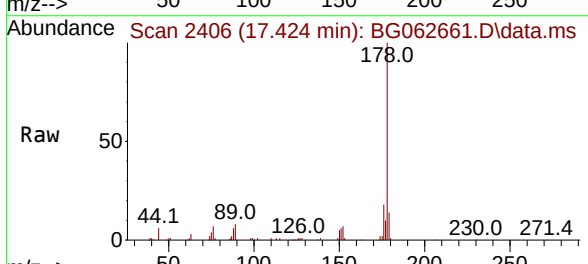
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024

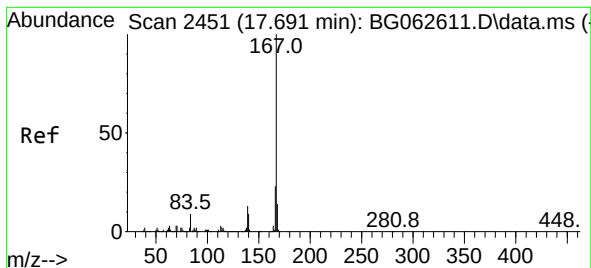


#72
 Anthracene
 Concen: 3.893 ng
 RT: 17.424 min Scan# 2406
 Delta R.T. -0.003 min
 Lab File: BG062661.D
 Acq: 5 Sep 2024 11:10

Tgt Ion:178 Resp: 91974

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.2	22.8
179	14.3	12.0	18.0





#73

Carbazole

Concen: 3.658 ng

RT: 17.688 min Scan# 2451

Delta R.T. -0.003 min

Lab File: BG062661.D

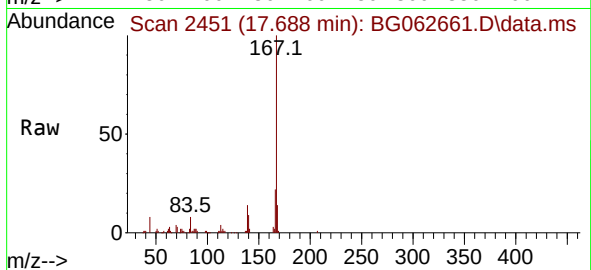
Acq: 5 Sep 2024 11:10

Instrument :

BNA_G

ClientSampleId :

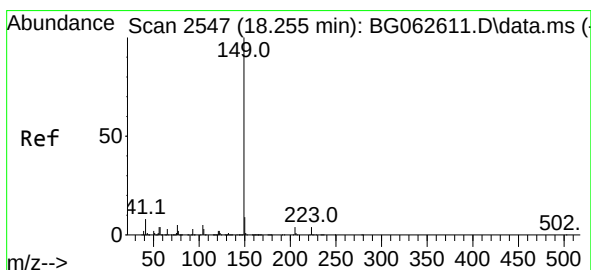
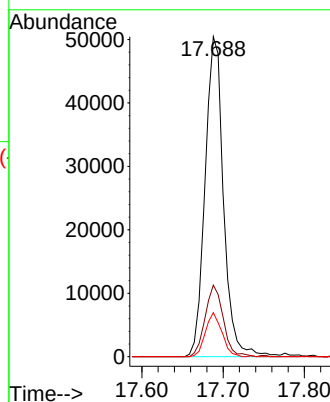
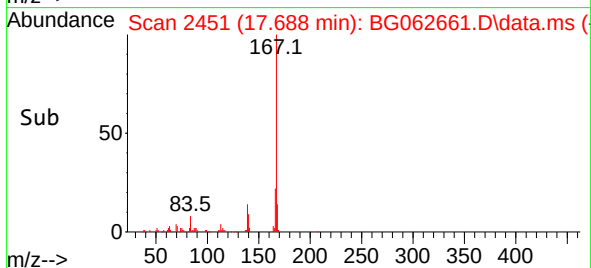
MDL-SOIL-03-QT3-2024



Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.2
139	13.8	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: 3.481 ng

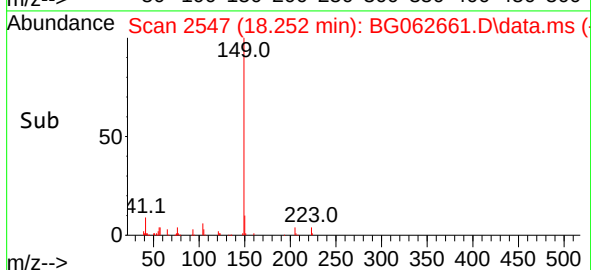
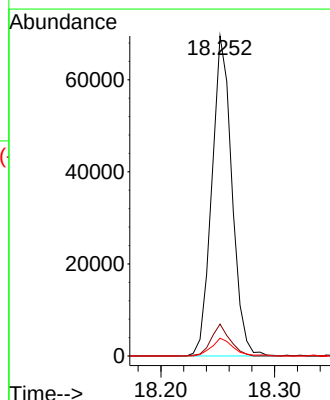
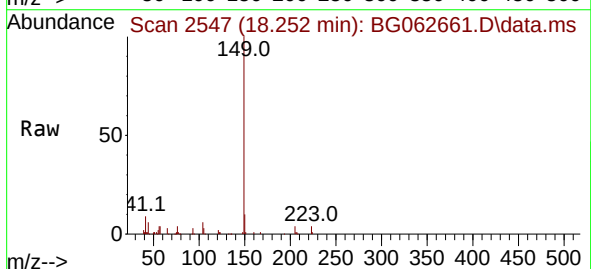
RT: 18.252 min Scan# 2547

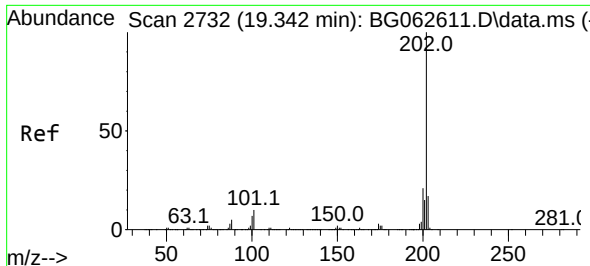
Delta R.T. -0.003 min

Lab File: BG062661.D

Acq: 5 Sep 2024 11:10

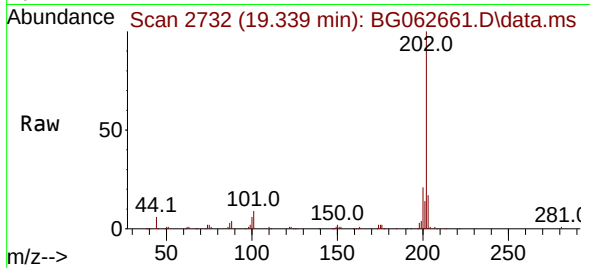
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.3	10.9
104	5.5	4.2	6.2





#75
Fluoranthene
Concen: 3.989 ng
RT: 19.339 min Scan# 2123
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

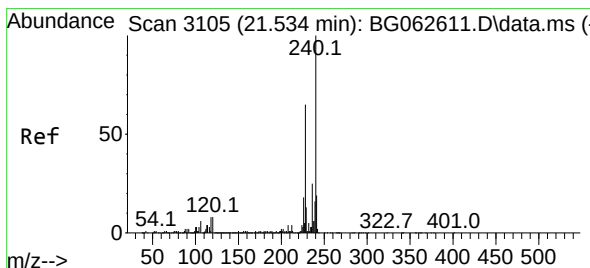
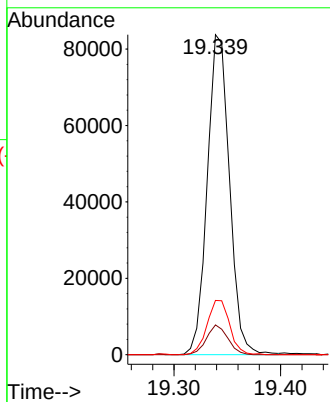
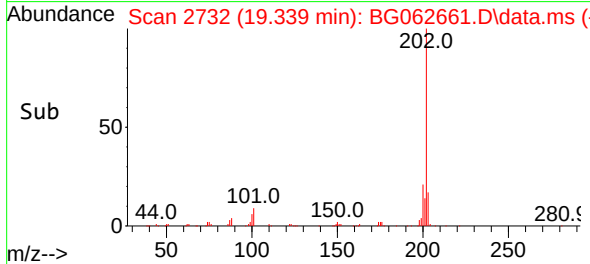
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:202 Resp: 121235
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.6
203 16.9 0.0 37.4

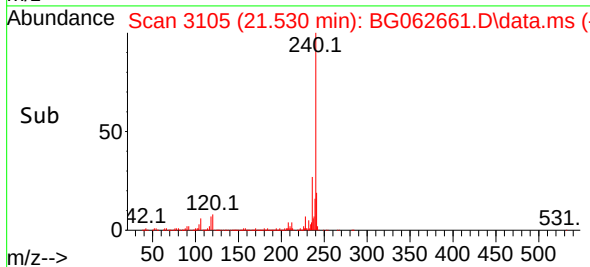
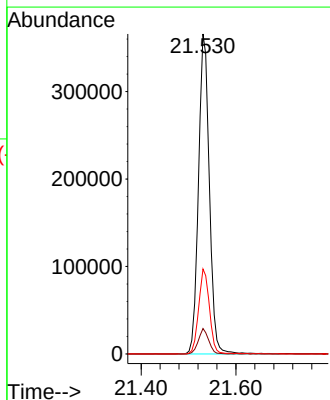
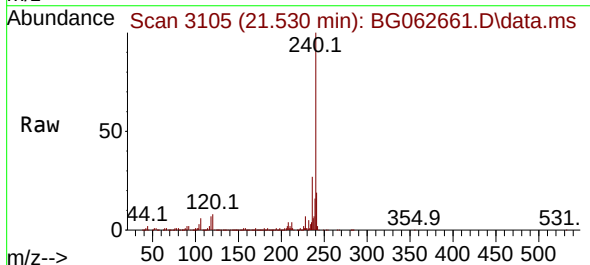
Manual Integrations
APPROVED

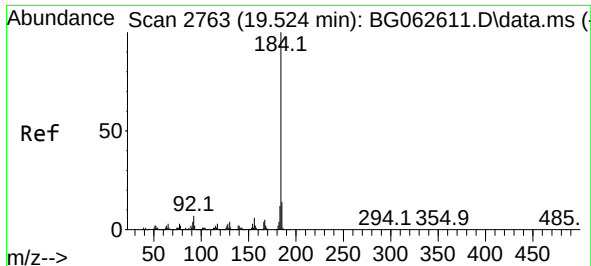
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3105
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

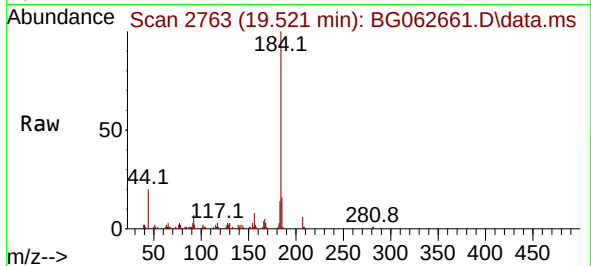
Tgt Ion:240 Resp: 580074
Ion Ratio Lower Upper
240 100
120 7.9 6.6 9.8
236 26.5 20.2 30.4





#77
Benzidine
Concen: 4.056 ng
RT: 19.521 min Scan# 2763
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

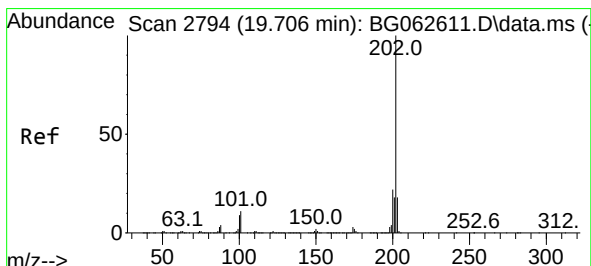
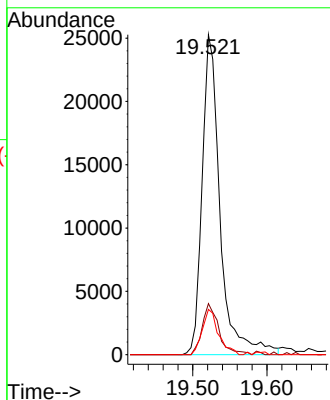
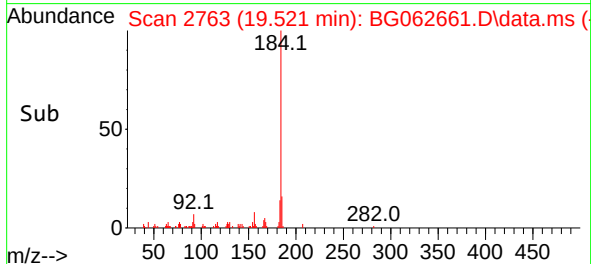
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:184 Resp: 4241
Ion Ratio Lower Upper
184 100
185 15.9 11.0 16.6
183 14.1 9.7 14.5

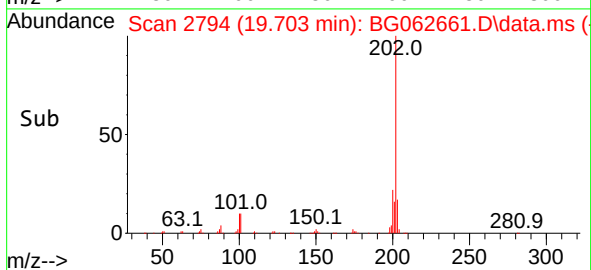
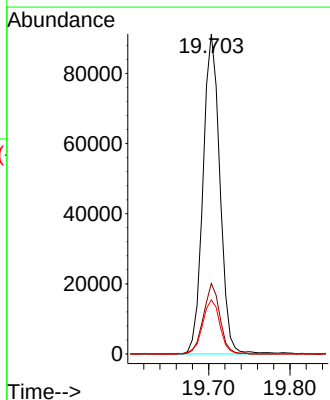
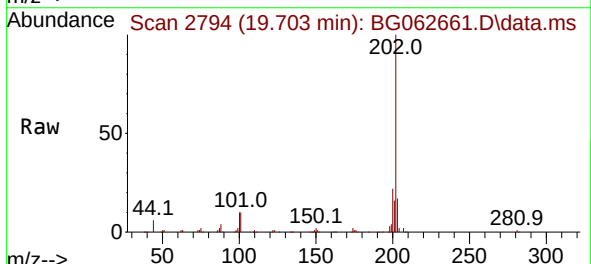
Manual Integrations
APPROVED

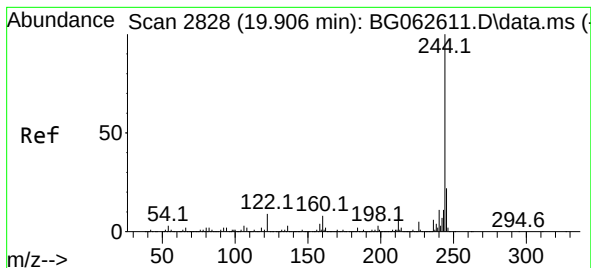
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#78
Pyrene
Concen: 3.562 ng
RT: 19.703 min Scan# 2794
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

Tgt Ion:202 Resp: 131356
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 16.9 14.1 21.1





#79

Terphenyl-d14

Concen: 69.601 ng

RT: 19.909 min Scan# 2829

Delta R.T. 0.003 min

Lab File: BG062661.D

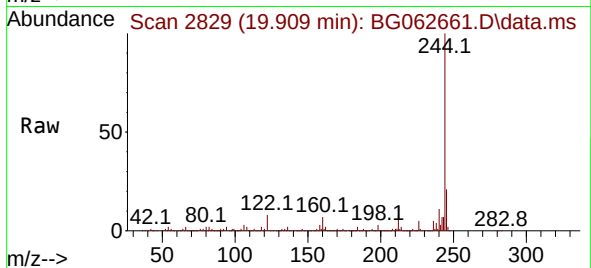
Acq: 5 Sep 2024 11:10

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT3-2024



Tgt Ion:244 Resp: 203615

Ion Ratio Lower Upper

244 100

212 8.0 6.6 10.0

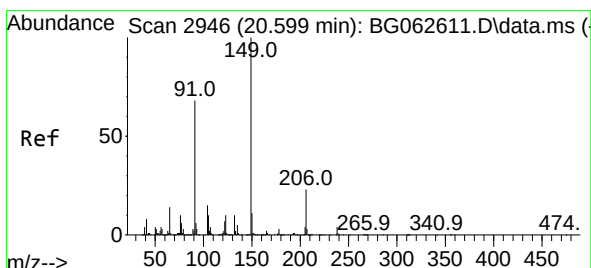
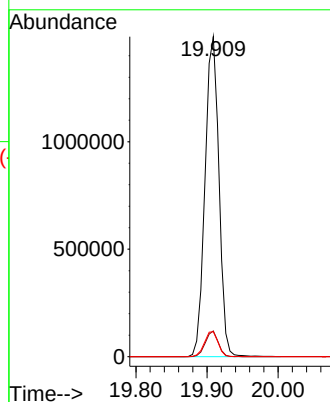
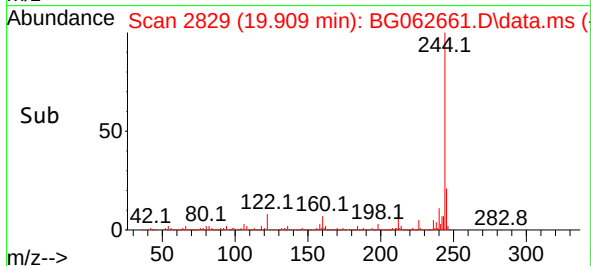
122 7.8 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024

Supervised By :mohammad ahmed 09/07/2024



#80

Butylbenzylphthalate

Concen: 3.069 ng

RT: 20.596 min Scan# 2946

Delta R.T. -0.003 min

Lab File: BG062661.D

Acq: 5 Sep 2024 11:10

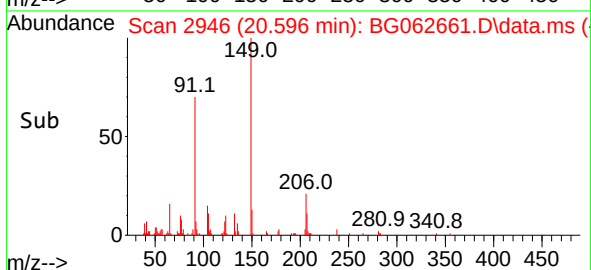
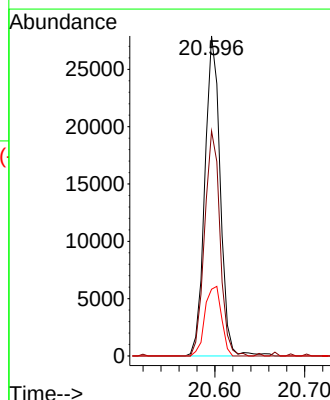
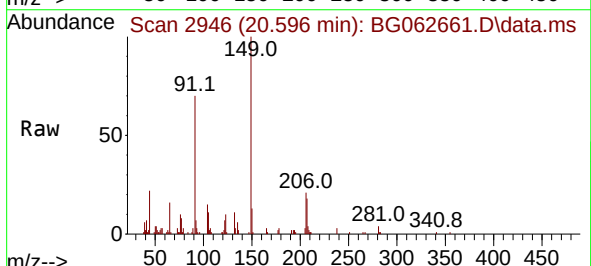
Tgt Ion:149 Resp: 33235

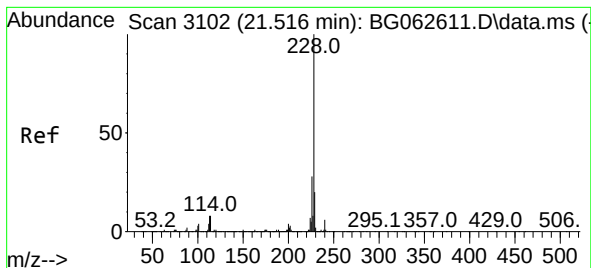
Ion Ratio Lower Upper

149 100

91 70.3 54.6 81.8

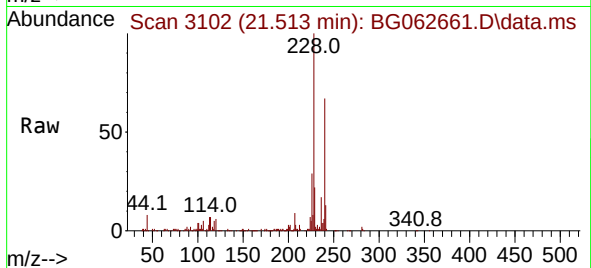
206 20.9 18.4 27.6





#81
Benzo(a)anthracene
Concen: 3.845 ng
RT: 21.513 min Scan# 3102
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

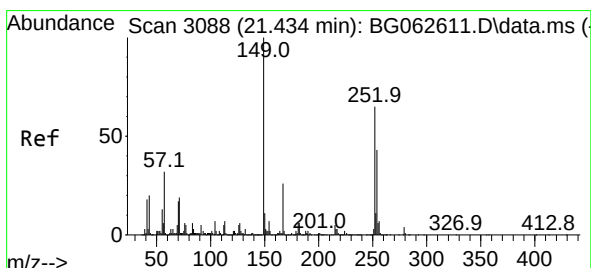
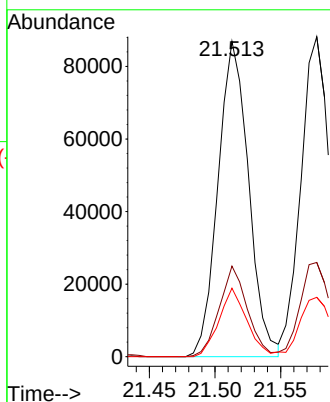
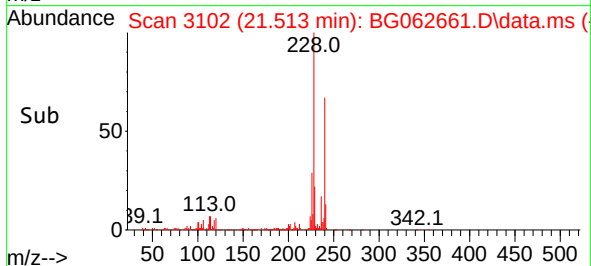
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024



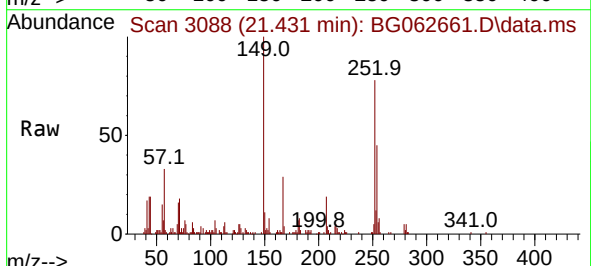
Tgt Ion:228 Resp: 14067
Ion Ratio Lower Upper
228 100
226 28.7 22.3 33.5
229 21.7 16.2 24.2

Manual Integrations
APPROVED

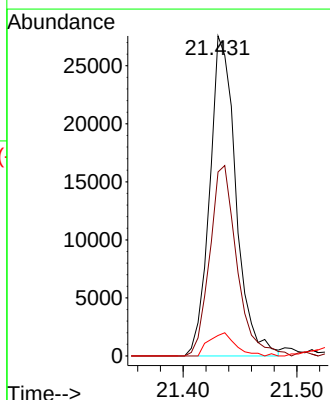
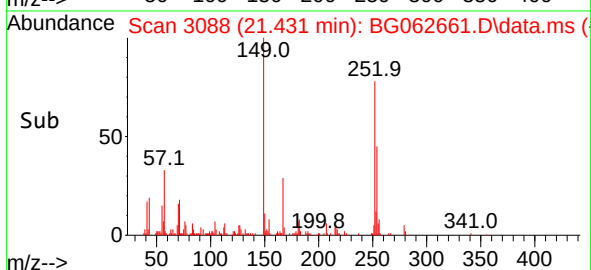
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

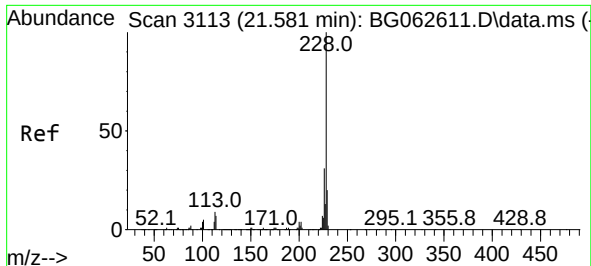


#82
3,3'-Dichlorobenzidine
Concen: 3.698 ng
RT: 21.431 min Scan# 3088
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10



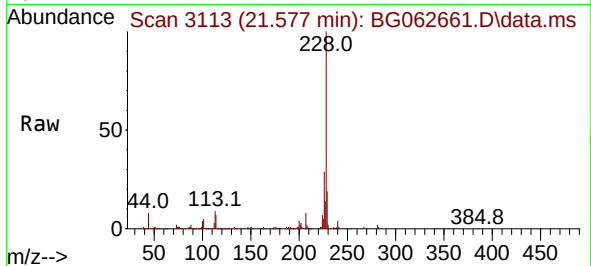
Tgt Ion:252 Resp: 44079
Ion Ratio Lower Upper
252 100
254 57.5 52.2 78.2
126 6.4 6.7 10.1#





#83
Chrysene
Concen: 3.965 ng
RT: 21.577 min Scan# 3113
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

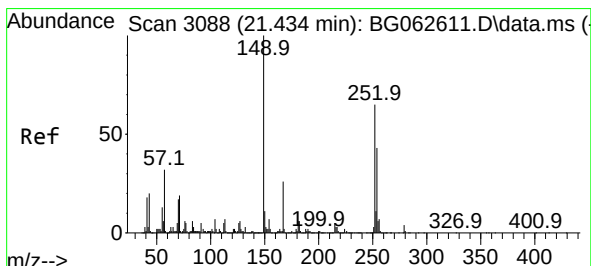
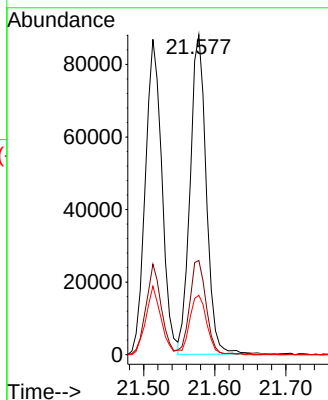
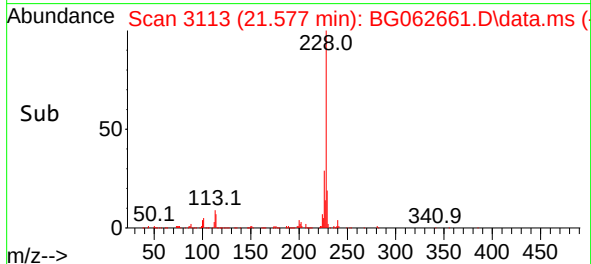
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion:228 Resp: 13895
Ion Ratio Lower Upper
228 100
226 29.5 24.9 37.3
229 18.5 16.0 24.0

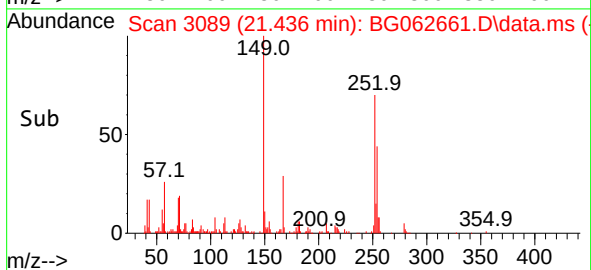
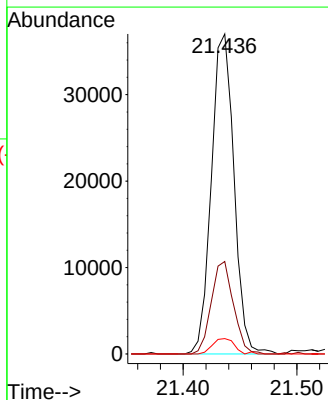
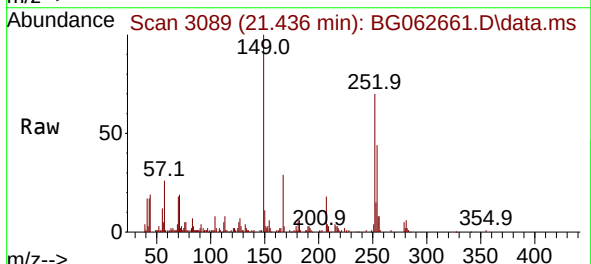
Manual Integrations
APPROVED

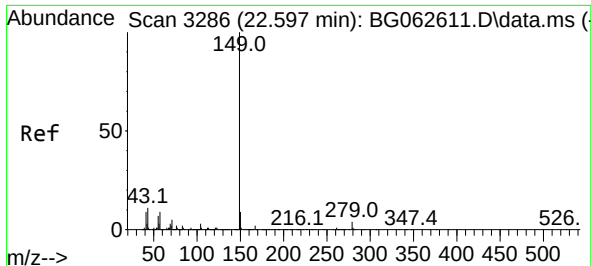
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.113 ng
RT: 21.436 min Scan# 3089
Delta R.T. 0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

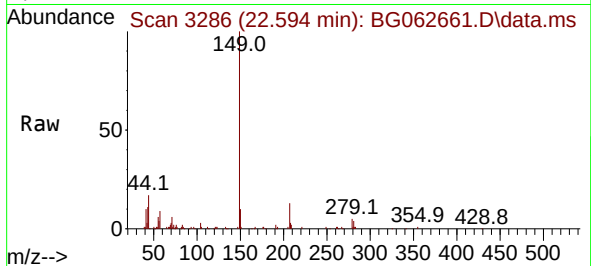
Tgt Ion:149 Resp: 51223
Ion Ratio Lower Upper
149 100
167 28.9 20.5 30.7
279 4.8 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 2.888 ng
RT: 22.594 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

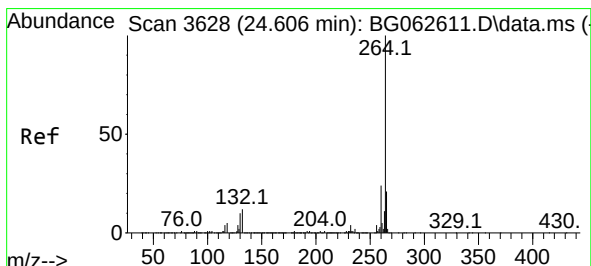
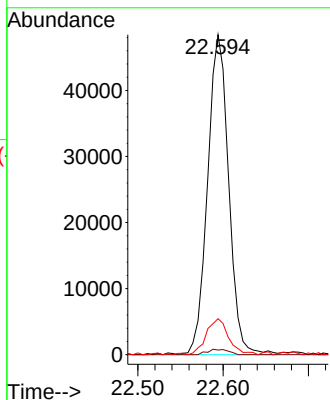
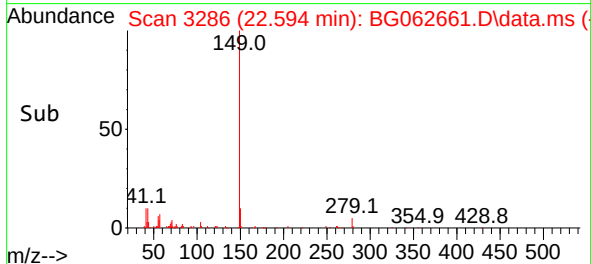
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:149 Resp: 83194
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 12.0 8.8 13.2

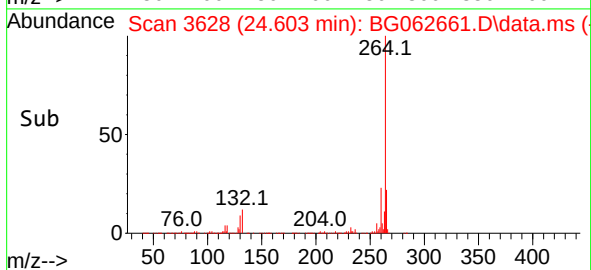
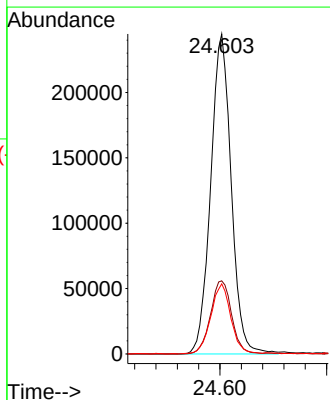
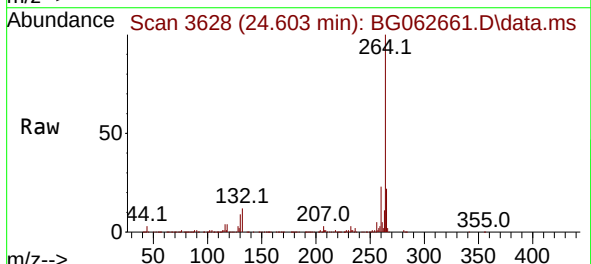
Manual Integrations
APPROVED

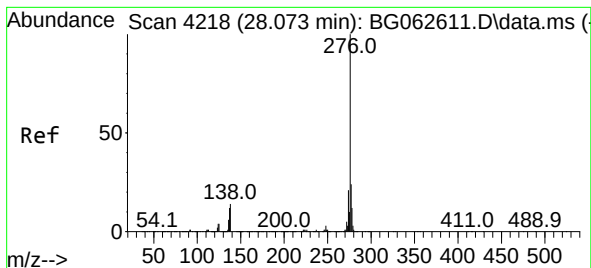
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.603 min Scan# 3628
Delta R.T. -0.003 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

Tgt Ion:264 Resp: 654115
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.4
265 21.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.817 ng

RT: 28.052 min Scan# 41

Delta R.T. -0.021 min

Lab File: BG062661.D

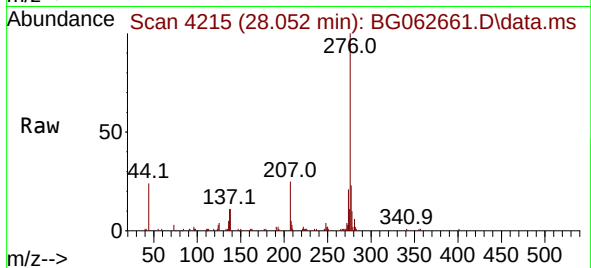
Acq: 5 Sep 2024 11:10

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT3-2024



Tgt Ion:276 Resp: 16010

Ion Ratio Lower Upper

276 100

138 5.8 14.9 22.3

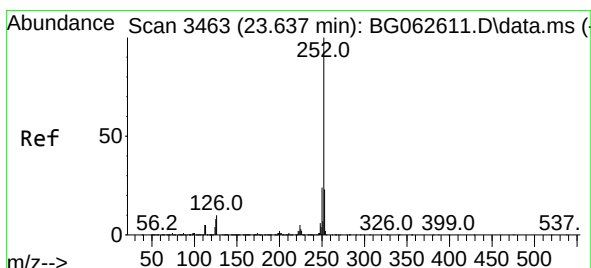
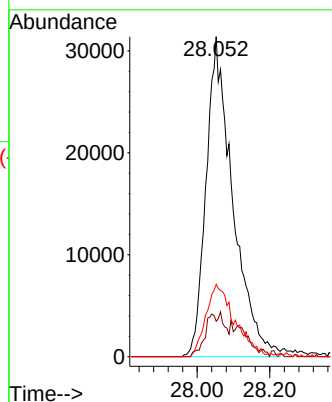
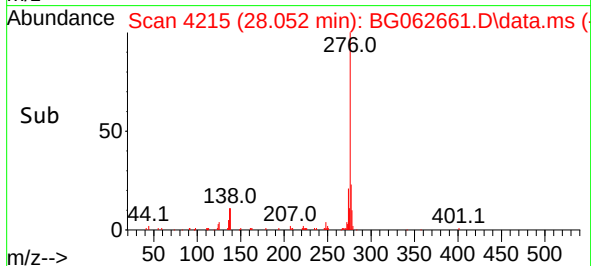
277 24.4 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024

Supervised By :mohammad ahmed 09/07/2024



#88

Benzo(b)fluoranthene

Concen: 3.520 ng

RT: 23.628 min Scan# 3462

Delta R.T. -0.009 min

Lab File: BG062661.D

Acq: 5 Sep 2024 11:10

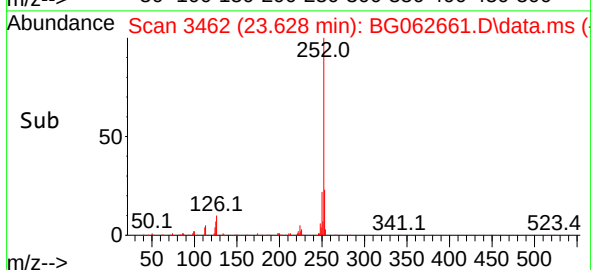
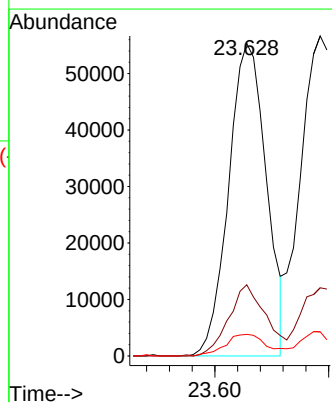
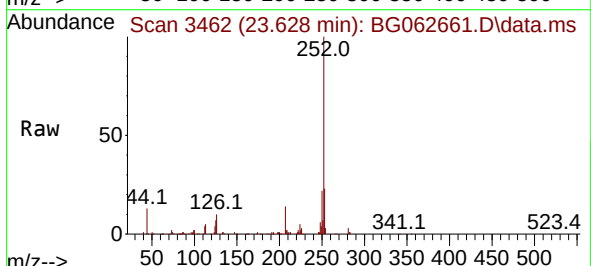
Tgt Ion:252 Resp: 127179

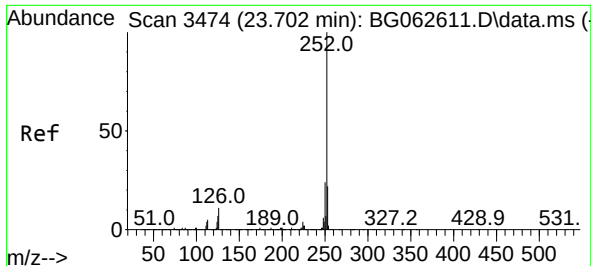
Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

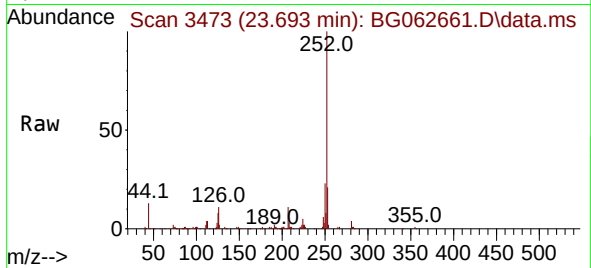
125 6.9 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 3.910 ng
RT: 23.693 min Scan# 3473
Delta R.T. -0.009 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

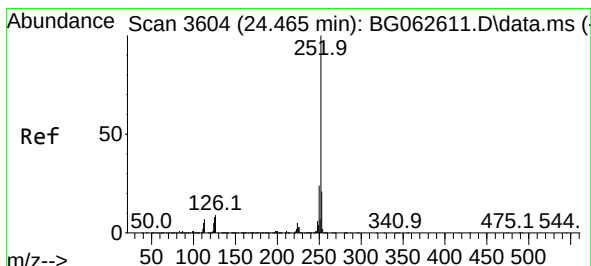
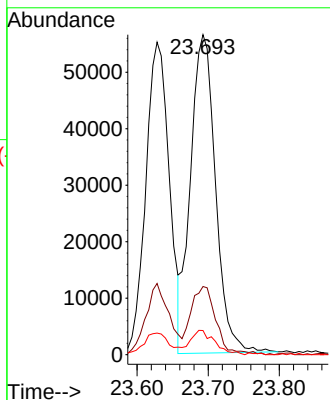
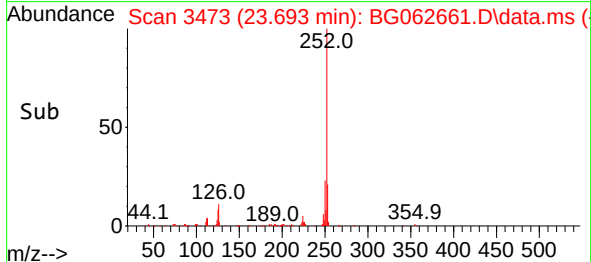
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:252 Resp: 138172
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 7.5 6.1 9.1

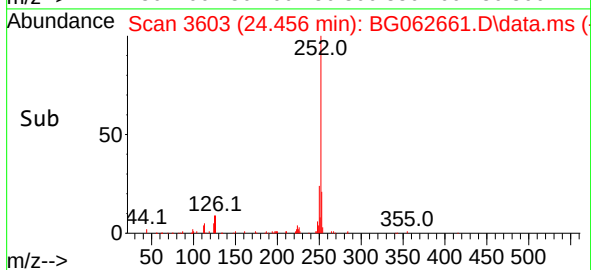
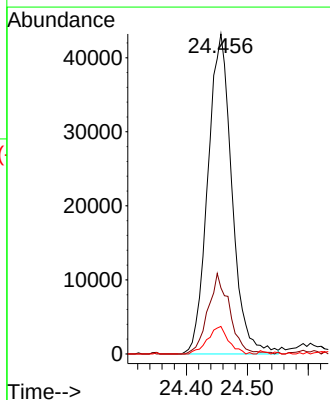
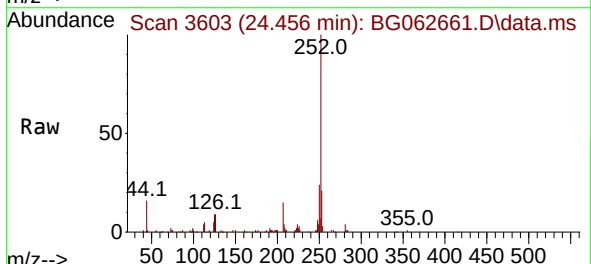
Manual Integrations
APPROVED

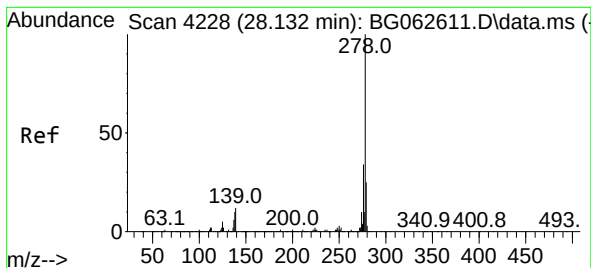
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#90
Benzo(a)pyrene
Concen: 3.720 ng
RT: 24.456 min Scan# 3603
Delta R.T. -0.009 min
Lab File: BG062661.D
Acq: 5 Sep 2024 11:10

Tgt Ion:252 Resp: 118721
Ion Ratio Lower Upper
252 100
253 20.7 17.1 25.7
125 8.6 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 3.731 ng

RT: 28.117 min Scan# 4399

Delta R.T. -0.015 min

Lab File: BG062661.D

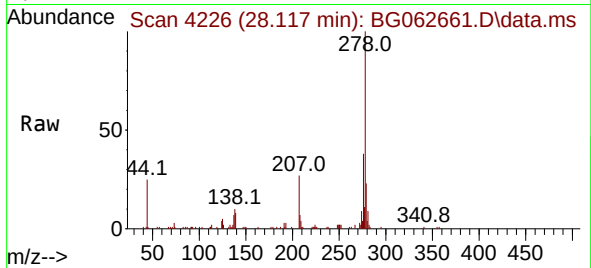
Acq: 5 Sep 2024 11:10

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT3-2024



Tgt Ion:278 Resp: 128918

Ion Ratio Lower Upper

278 100

139 7.8 9.2 13.8

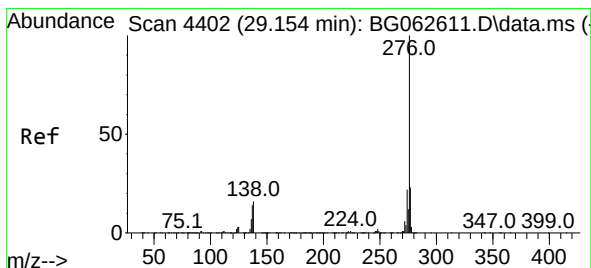
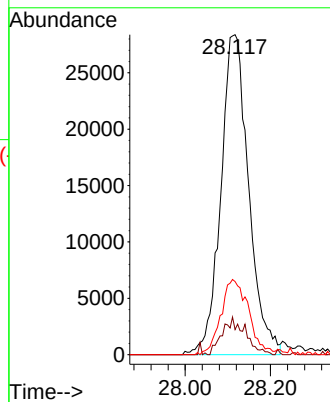
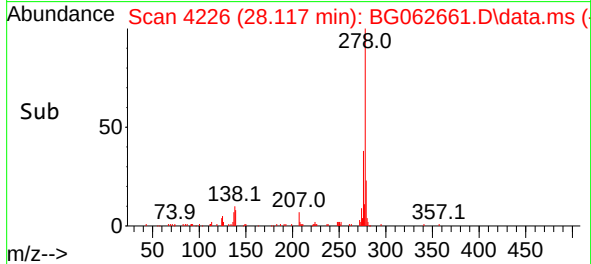
279 22.8 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024

Supervised By :mohammad ahmed 09/07/2024



#92

Benzo(g,h,i)perylene

Concen: 3.501 ng

RT: 29.133 min Scan# 4399

Delta R.T. -0.021 min

Lab File: BG062661.D

Acq: 5 Sep 2024 11:10

Tgt Ion:276 Resp: 121969

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 12.2 12.7 19.1

