

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
 Data File : BG062595.D
 Acq On : 28 Aug 2024 14:33
 Operator : MA/JU
 Sample : P3726-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MOO-SOIL-PILEMSD

Quant Time: Aug 28 15:20:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 00:59:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
 Supervised By :mohammad ahmed 08/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	76325	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	301049	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	208779	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	526077	20.000	ng	0.00
76) Chrysene-d12	21.549	240	515714	20.000	ng	0.00
86) Perylene-d12	24.628	264	595783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	680124	159.855	ng	0.00
7) Phenol-d6	7.107	99	852004	140.589	ng	0.00
23) Nitrobenzene-d5	9.087	82	496314	109.413	ng	0.00
42) 2,4,6-Tribromophenol	16.050	330	440648	191.066	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	1251772	98.587	ng	0.00
79) Terphenyl-d14	19.922	244	2554147	103.547	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.441	88	74809	36.911	ng	# 58
3) Pyridine	3.841	79	163218	29.589	ng	93
4) n-Nitrosodimethylamine	3.741	42	118735	40.414	ng	92
6) Aniline	7.260	93	121834	21.300	ng	99
8) 2-Chlorophenol	7.501	128	235222	51.316	ng	95
9) Benzaldehyde	7.072	77	48769m	12.747	ng	
10) Phenol	7.131	94	299358	47.596	ng	98
11) bis(2-Chloroethyl)ether	7.354	93	222799	43.563	ng	99
12) 1,3-Dichlorobenzene	7.824	146	220371	41.057	ng	98
13) 1,4-Dichlorobenzene	7.971	146	226497	41.413	ng	96
14) 1,2-Dichlorobenzene	8.282	146	217085	40.564	ng	100
15) Benzyl Alcohol	8.171	79	232723	55.159	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.453	45	406976	41.895	ng	99
17) 2-Methylphenol	8.376	107	209304	49.821	ng	95
18) Hexachloroethane	9.011	117	76004	41.651	ng	94
19) n-Nitroso-di-n-propyla...	8.735	70	197268	48.606	ng	93
20) 3+4-Methylphenols	8.700	107	286900	49.941	ng	99
22) Acetophenone	8.752	105	361316	48.095	ng	99
24) Nitrobenzene	9.128	77	247577	50.400	ng	97
25) Isophorone	9.651	82	536474	48.756	ng	98
26) 2-Nitrophenol	9.839	139	98256	58.132	ng	93
27) 2,4-Dimethylphenol	9.904	122	199970	69.540	ng	97
28) bis(2-Chloroethoxy)met...	10.133	93	317975	49.855	ng	98
29) 2,4-Dichlorophenol	10.374	162	245338	57.629	ng	95
30) 1,2,4-Trichlorobenzene	10.591	180	235246	45.234	ng	99
31) Naphthalene	10.780	128	684004	45.519	ng	99
32) Benzoic acid	10.022	122	100880m	42.409	ng	
33) 4-Chloroaniline	10.879	127	23702	4.342	ng	97
34) Hexachlorobutadiene	11.062	225	151350	44.609	ng	93
35) Caprolactam	11.661	113	68397m	59.622	ng	
36) 4-Chloro-3-methylphenol	12.013	107	257628	55.850	ng	99
37) 2-Methylnaphthalene	12.384	142	484699	47.874	ng	97
38) 1-Methylnaphthalene	12.601	142	460936	45.500	ng	99
40) 1,2,4,5-Tetrachloroben...	12.754	216	298432	50.187	ng	99
41) Hexachlorocyclopentadiene	12.736	237	290657	194.411	ng	97
43) 2,4,6-Trichlorophenol	12.989	196	208277	61.197	ng	97

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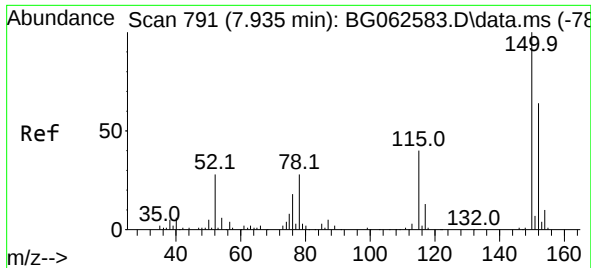
Manual Integrations
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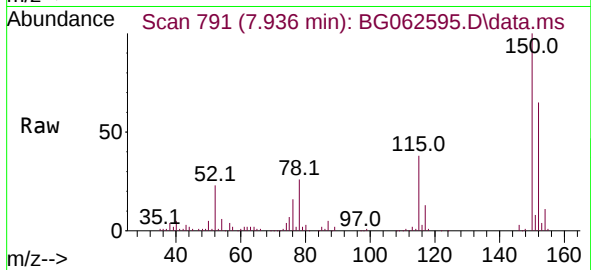
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.065	196	231574	57.735	ng	97
46) 1,1'-Biphenyl	13.388	154	673982	48.248	ng	99
47) 2-Chloronaphthalene	13.435	162	540961	48.519	ng	99
48) 2-Nitroaniline	13.635	65	147977	61.551	ng	94
49) Acenaphthylene	14.281	152	906134	53.312	ng	98
50) Dimethylphthalate	14.017	163	781820	57.628	ng	99
51) 2,6-Dinitrotoluene	14.129	165	137366	51.826	ng	94
52) Acenaphthene	14.622	154	536444	51.156	ng	94
53) 3-Nitroaniline	14.458	138	50357	22.356	ng	94
54) 2,4-Dinitrophenol	14.663	184	140030	113.439	ng	99
55) Dibenzofuran	14.957	168	929140	51.675	ng	100
56) 4-Nitrophenol	14.781	139	261618	122.919	ng	91
57) 2,4-Dinitrotoluene	14.922	165	200800	64.777	ng	90
58) Fluorene	15.603	166	725958	51.414	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.186	232	235578	64.519	ng	98
60) Diethylphthalate	15.380	149	787067	60.538	ng	100
61) 4-Chlorophenyl-phenyle...	15.597	204	393575	52.451	ng	97
62) 4-Nitroaniline	15.627	138	159717	63.894	ng	98
63) Azobenzene	15.891	77	741635	50.200	ng	97
65) 4,6-Dinitro-2-methylph...	15.680	198	112625	63.282	ng	99
66) n-Nitrosodiphenylamine	15.815	169	668859	52.345	ng	97
67) 4-Bromophenyl-phenylether	16.490	248	269773	53.275	ng	97
68) Hexachlorobenzene	16.608	284	304286	52.003	ng	96
69) Atrazine	16.761	200	273283	78.627	ng	97
70) Pentachlorophenol	16.955	266	417182	118.964	ng	95
71) Phenanthrene	17.342	178	1289145	50.885	ng	99
72) Anthracene	17.436	178	1317344	53.145	ng	99
73) Carbazole	17.701	167	1180115	51.316	ng	100
74) Di-n-butylphthalate	18.265	149	1371664	68.177	ng	99
75) Fluoranthene	19.352	202	1568271	49.448	ng	99
77) Benzidine	19.540	184	145364m	20.380	ng	
78) Pyrene	19.716	202	1656419	50.518	ng	99
80) Butylbenzylphthalate	20.609	149	509559	66.824	ng	97
81) Benzo(a)anthracene	21.532	228	1686057	51.334	ng	100
82) 3,3'-Dichlorobenzidine	21.449	252	286564	32.985	ng	99
83) Chrysene	21.596	228	1628013	50.656	ng	99
84) Bis(2-ethylhexyl)phtha...	21.449	149	781303	75.278	ng	100
85) Di-n-octyl phthalate	22.613	149	1419595	72.441	ng	# 91
87) Indeno(1,2,3-cd)pyrene	28.118	276	2120505	56.441	ng	# 97
88) Benzo(b)fluoranthene	23.659	252	1682046	50.406	ng	99
89) Benzo(k)fluoranthene	23.723	252	1751095	52.889	ng	99
90) Benzo(a)pyrene	24.487	252	1633146	55.670	ng	99
91) Dibenzo(a,h)anthracene	28.177	278	1737710	55.968	ng	99
92) Benzo(g,h,i)perylene	29.211	276	1598644	50.647	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 791
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

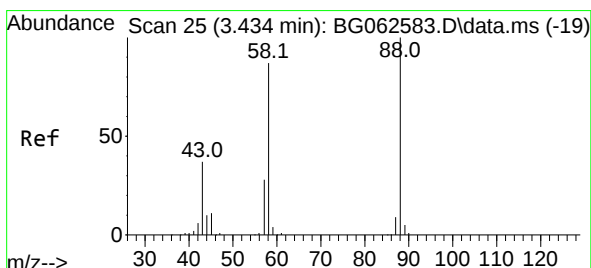
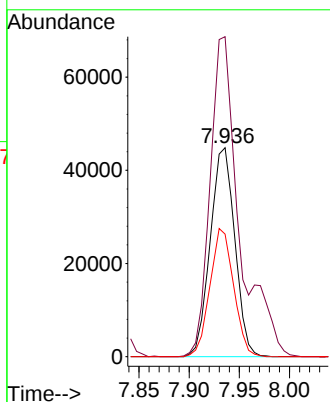
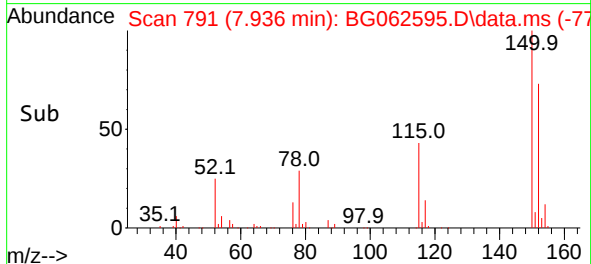
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



Tgt Ion:152 Resp: 76329
Ion Ratio Lower Upper
152 100
150 153.1 125.1 187.7
115 58.7 50.6 76.0

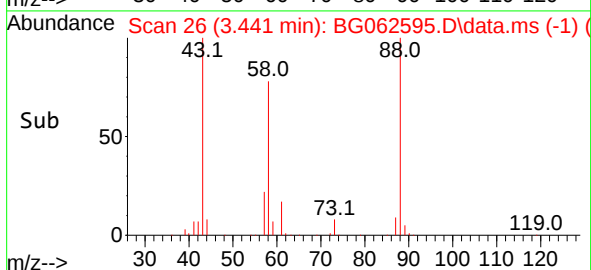
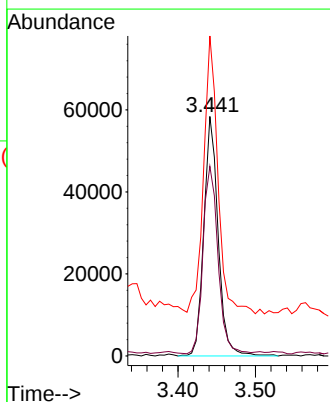
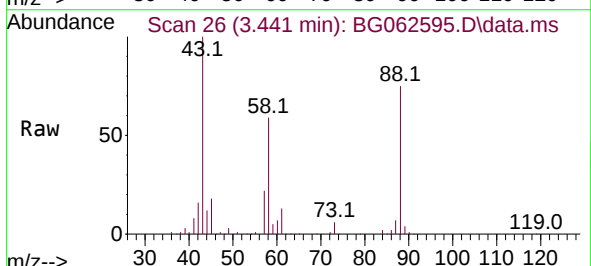
Manual Integrations
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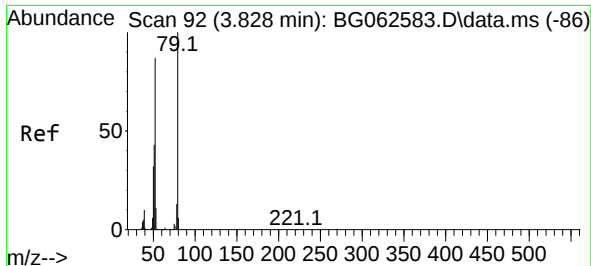
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#2
1,4-Dioxane
Concen: 36.911 ng
RT: 3.441 min Scan# 26
Delta R.T. 0.007 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

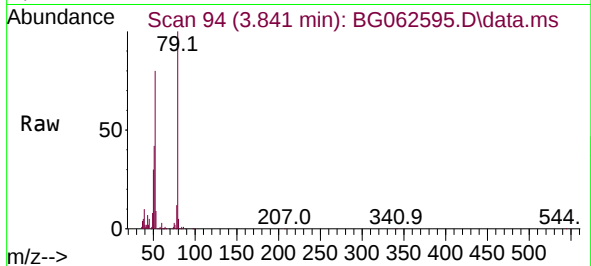
Tgt Ion: 88 Resp: 74809
Ion Ratio Lower Upper
88 100
58 81.8 66.6 99.8
43 115.9 28.2 42.2#





#3
Pyridine
Concen: 29.589 ng
RT: 3.841 min Scan# 94
Delta R.T. 0.013 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

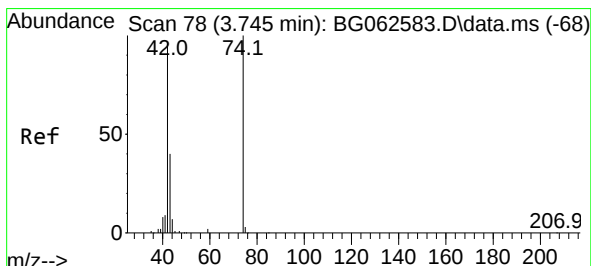
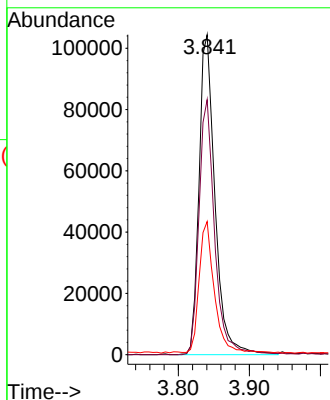
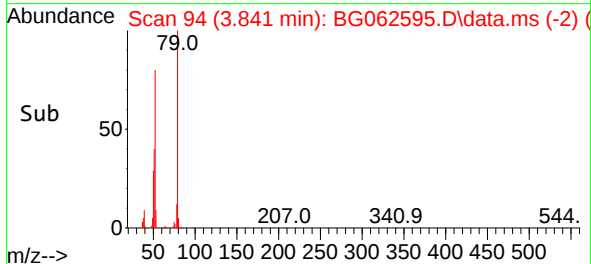
Instrument :
BNA_G
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MOO-SOIL-PILEMSD



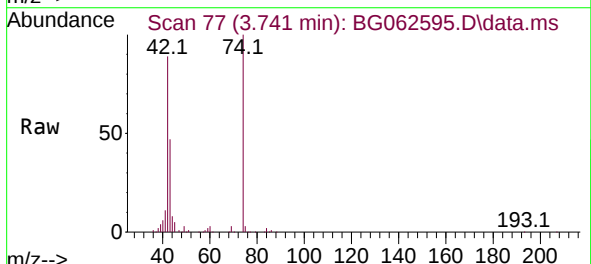
Tgt Ion: 79 Resp: 163218
Ion Ratio Lower Upper
79 100
52 79.7 69.7 104.5
51 41.6 35.6 53.4

Manual Integrations
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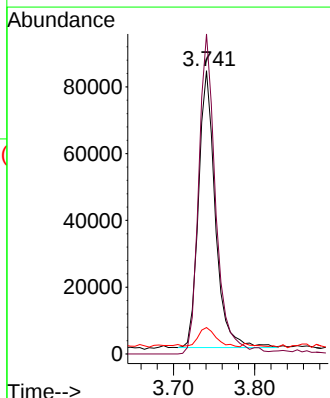
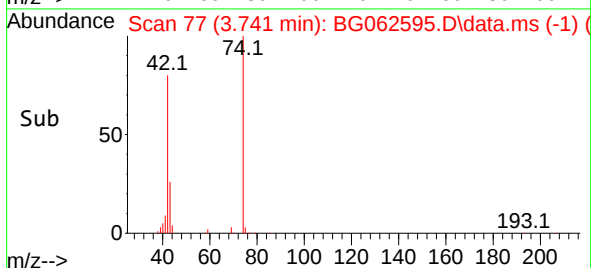
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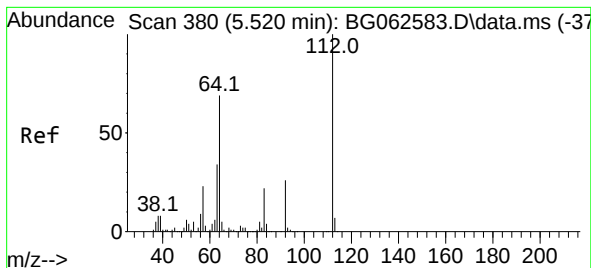


#4
n-Nitrosodimethylamine
Concen: 40.414 ng
RT: 3.741 min Scan# 77
Delta R.T. -0.005 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33



Tgt Ion: 42 Resp: 118735
Ion Ratio Lower Upper
42 100
74 113.0 83.5 125.3
44 9.3 7.4 11.0





#5

2-Fluorophenol

Concen: 159.855 ng

RT: 5.521 min Scan# 380

Delta R.T. 0.001 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

Instrument :

BNA_G

ClientSampleId :

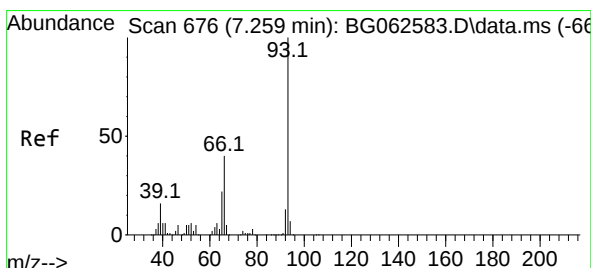
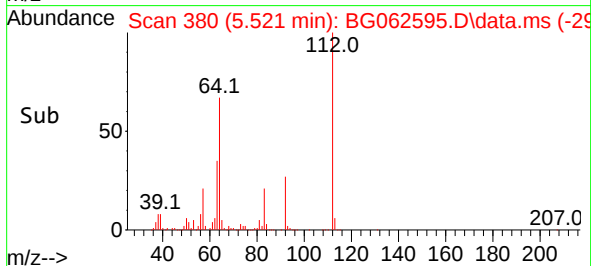
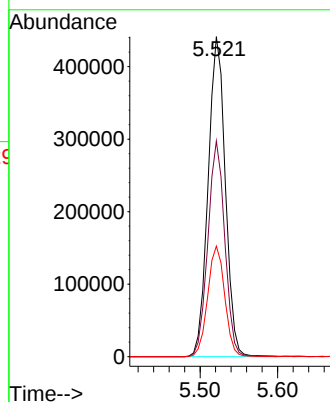
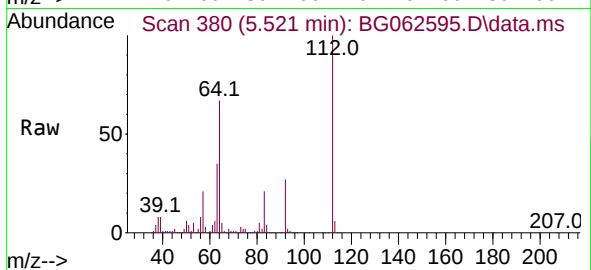
MOO-SOIL-PILEMSD

Tgt Ion:	112	Resp:	680124
Ion Ratio	Lower	Upper	
112	100		
64	67.4	55.5	83.3
63	34.5	27.4	41.2

Manual Integrations

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#6

Aniline

Concen: 21.300 ng

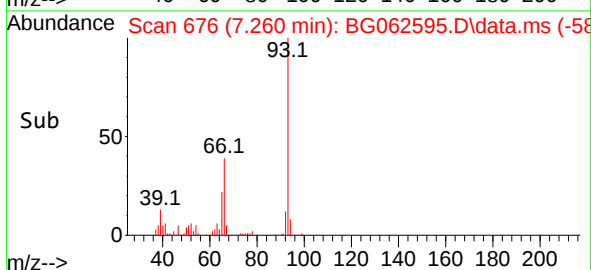
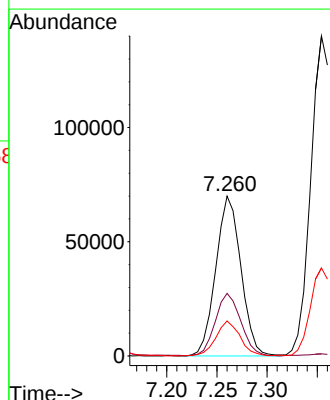
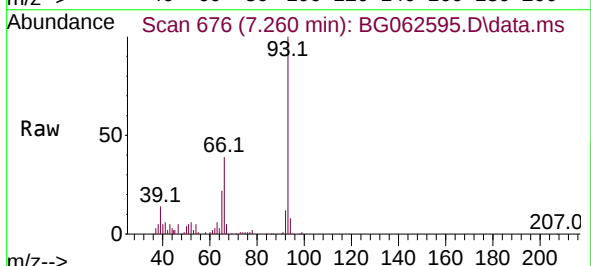
RT: 7.260 min Scan# 676

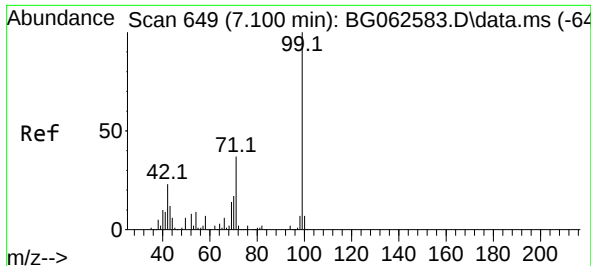
Delta R.T. 0.001 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

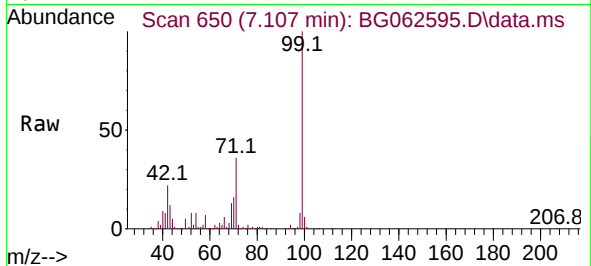
Tgt Ion:	93	Resp:	121834
Ion Ratio	Lower	Upper	
93	100		
66	39.1	32.4	48.6
65	22.0	17.6	26.4





#7
Phenol-d6
Concen: 140.589 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

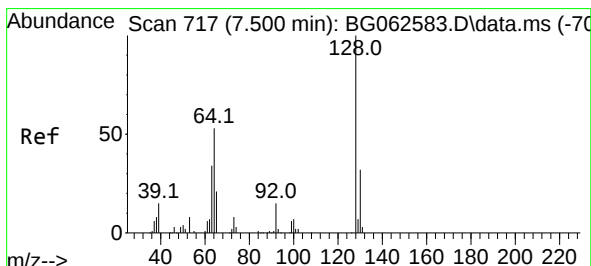
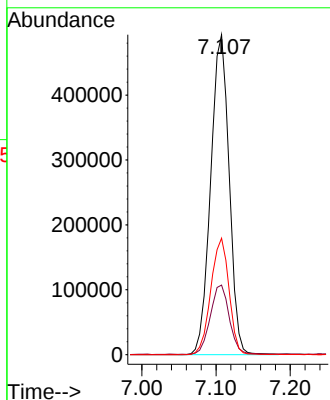
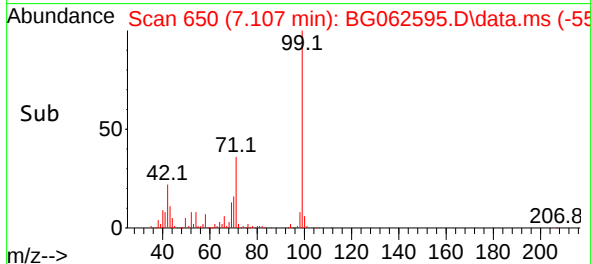
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



Tgt Ion: 99 Resp: 852004
Ion Ratio Lower Upper
99 100
42 21.7 18.7 28.1
71 36.4 29.8 44.6

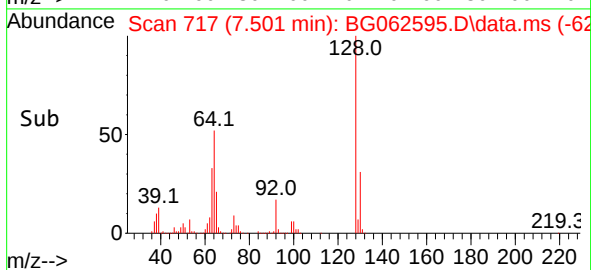
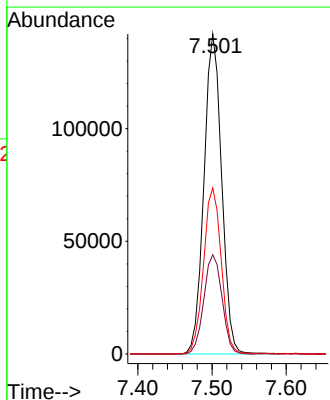
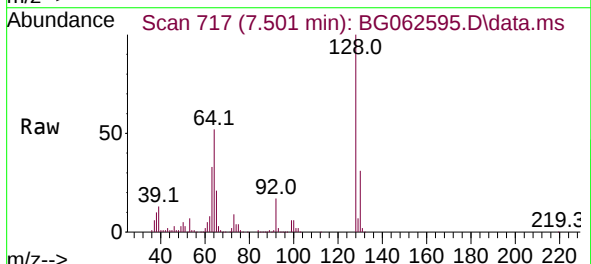
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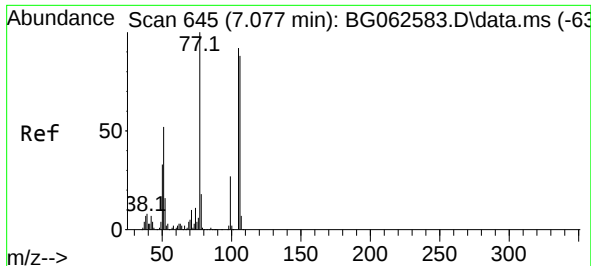
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#8
2-Chlorophenol
Concen: 51.316 ng
RT: 7.501 min Scan# 717
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

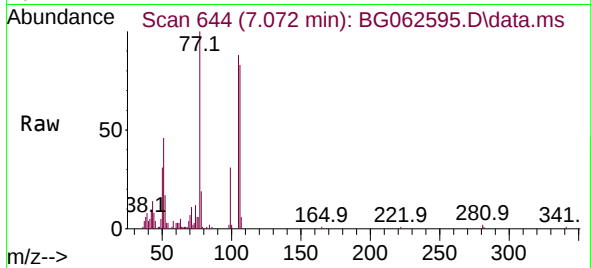
Tgt Ion:128 Resp: 235222
Ion Ratio Lower Upper
128 100
130 31.0 11.6 51.6
64 51.9 37.5 77.5





#9
Benzaldehyde
Concen: 12.747 ng m
RT: 7.072 min Scan# 645
Delta R.T. -0.005 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

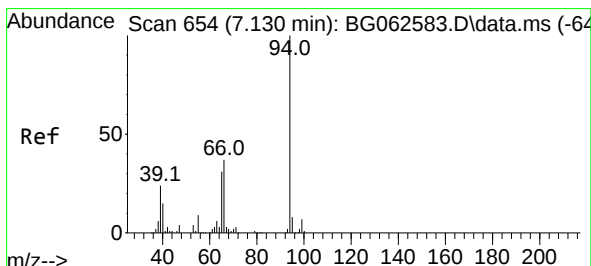
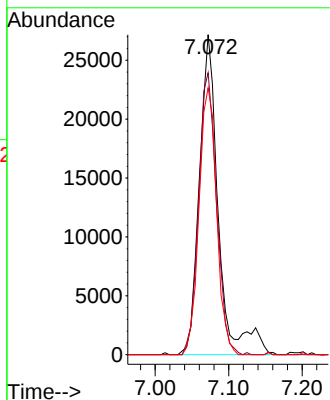
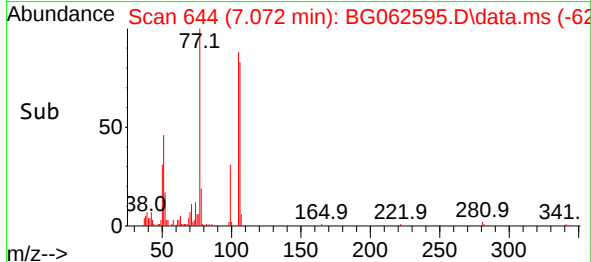
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



Tgt Ion: 77 Resp: 48769
Ion Ratio Lower Upper
77 100
105 88.1 72.0 112.0
106 83.4 67.7 107.7

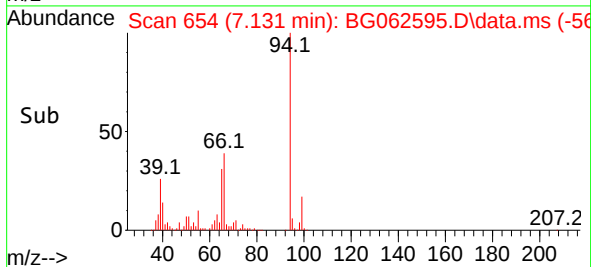
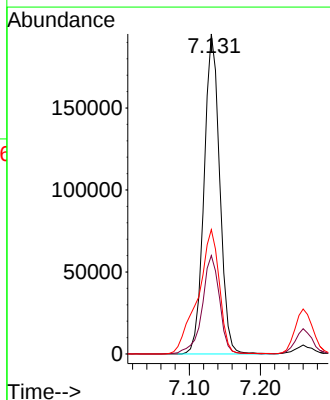
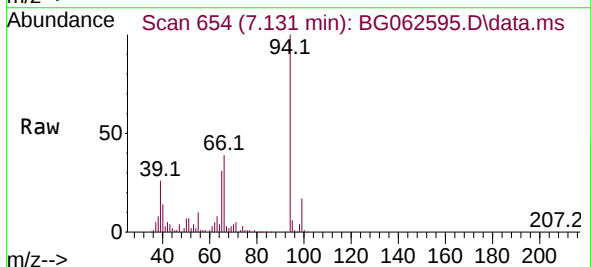
Manual Integrations
APPROVED

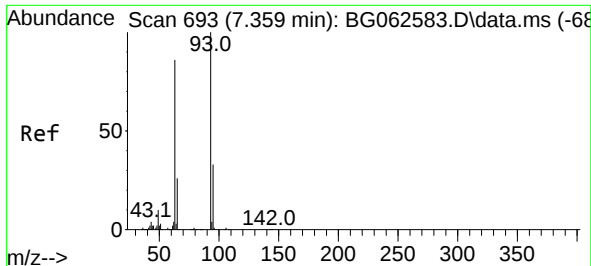
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#10
Phenol
Concen: 47.596 ng
RT: 7.131 min Scan# 654
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

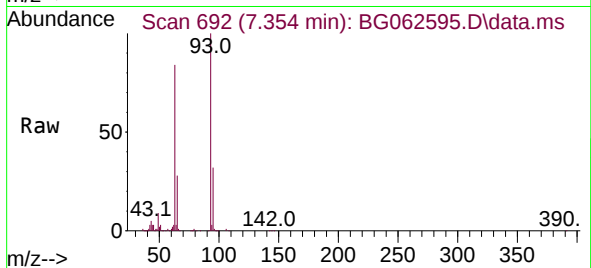
Tgt Ion: 94 Resp: 299358
Ion Ratio Lower Upper
94 100
65 30.7 11.6 51.6
66 38.9 17.7 57.7





#11
bis(2-Chloroethyl)ether
Concen: 43.563 ng
RT: 7.354 min Scan# 693
Delta R.T. -0.005 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

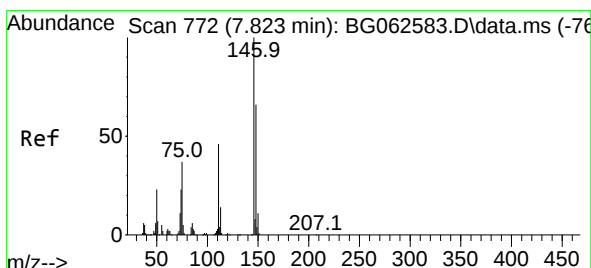
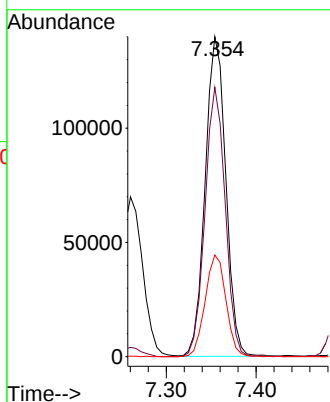
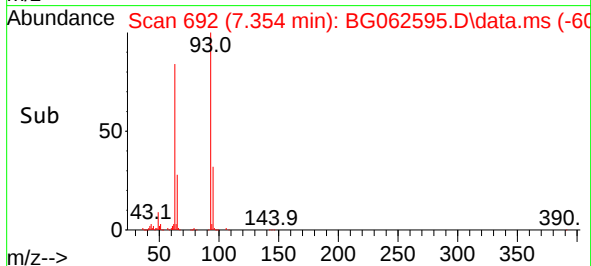
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



Tgt Ion: 93 Resp: 222795
Ion Ratio Lower Upper
93 100
63 84.1 64.7 104.7
95 31.7 12.3 52.3

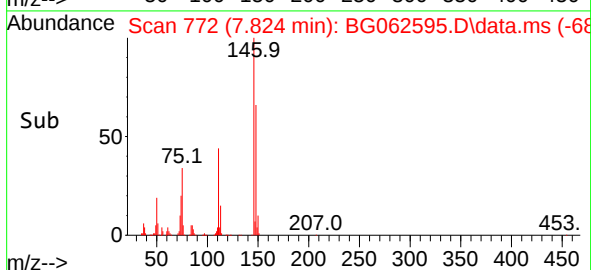
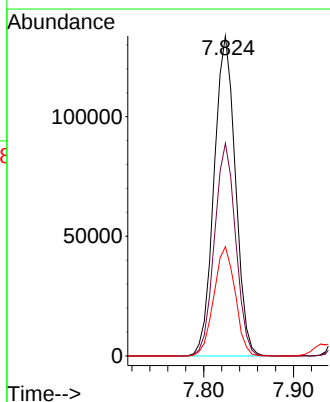
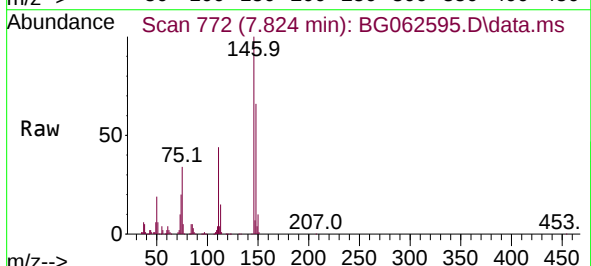
Manual Integrations
APPROVED

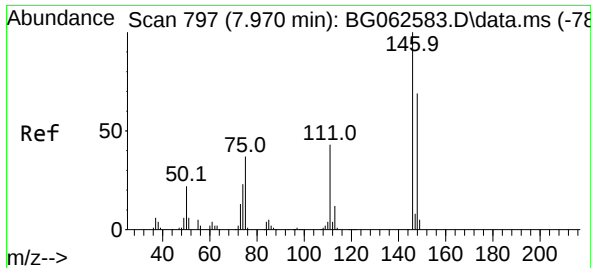
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#12
1,3-Dichlorobenzene
Concen: 41.057 ng
RT: 7.824 min Scan# 772
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

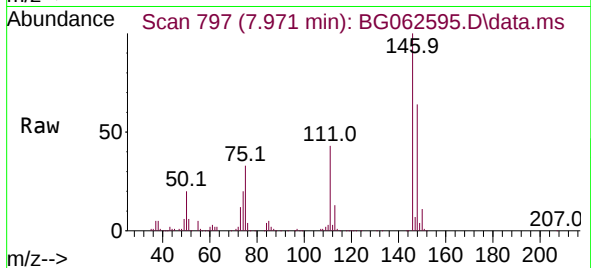
Tgt Ion:146 Resp: 220371
Ion Ratio Lower Upper
146 100
148 66.4 52.6 78.8
75 34.1 29.4 44.0





#13
1,4-Dichlorobenzene
Concen: 41.413 ng
RT: 7.971 min Scan# 797
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

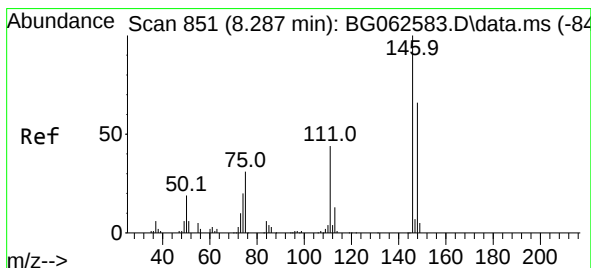
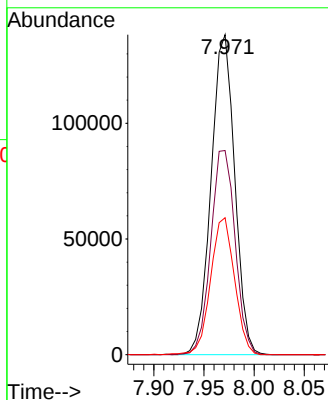
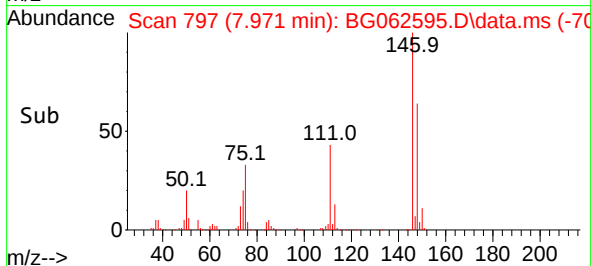
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



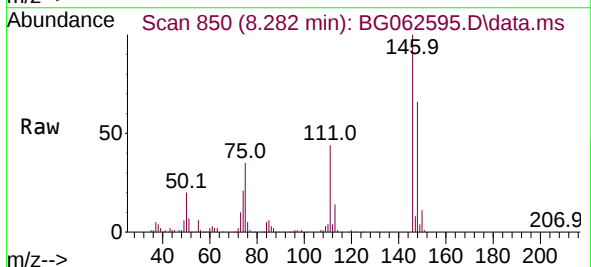
Tgt Ion:146 Resp: 22649
Ion Ratio Lower Upper
146 100
148 63.8 55.0 82.4
111 42.8 34.8 52.2

Manual Integrations
APPROVED

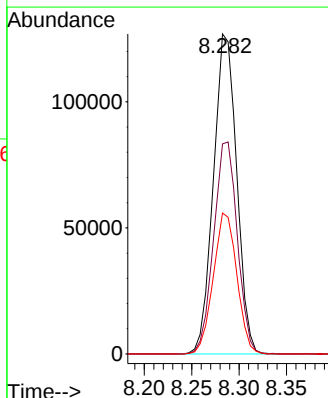
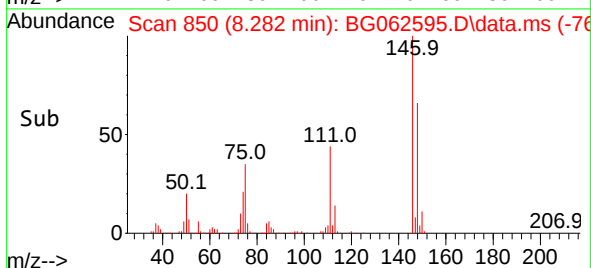
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

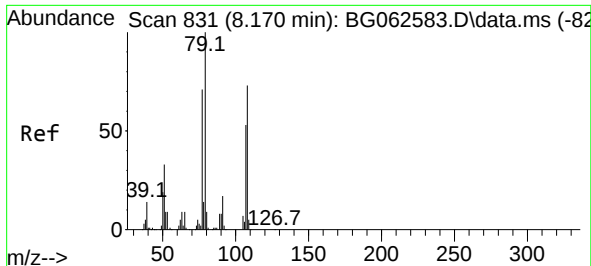


#14
1,2-Dichlorobenzene
Concen: 40.564 ng
RT: 8.282 min Scan# 850
Delta R.T. -0.005 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33



Tgt Ion:146 Resp: 217085
Ion Ratio Lower Upper
146 100
148 65.7 52.6 79.0
111 44.1 35.6 53.4





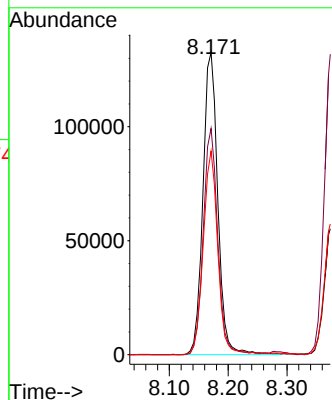
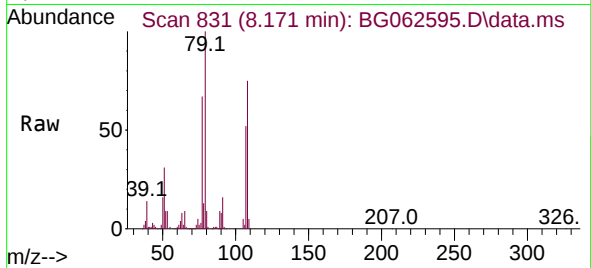
#15
Benzyl Alcohol
Concen: 55.159 ng
RT: 8.171 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD

Tgt Ion: 79 Resp: 23272
Ion Ratio Lower Upper
79 100
108 74.8 58.2 87.2
77 67.4 56.5 84.7

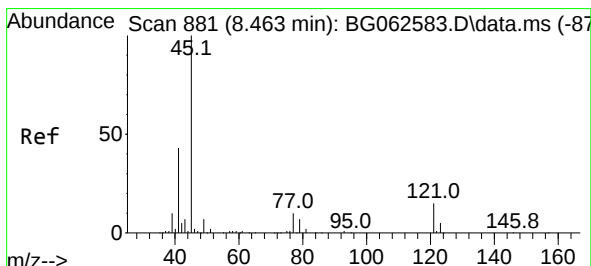
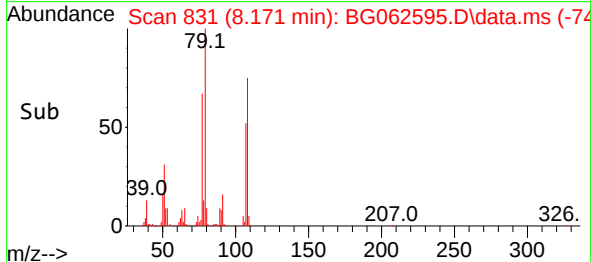
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



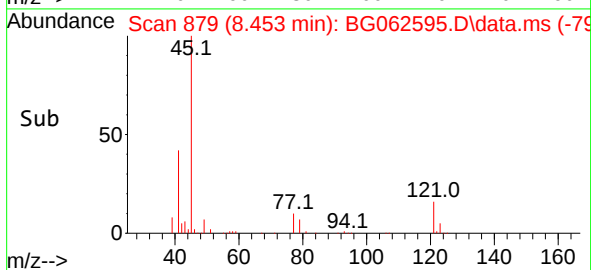
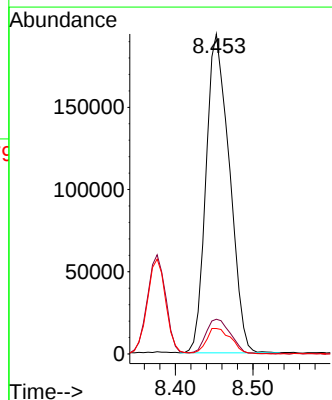
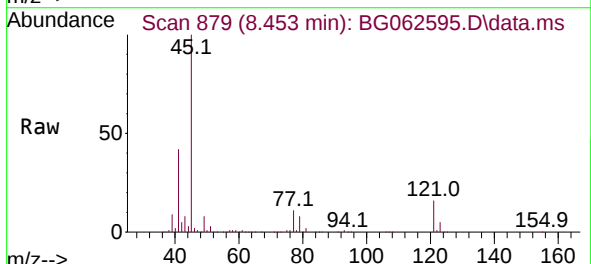
08/29/2024
Supervised By :mohammad
ahmed

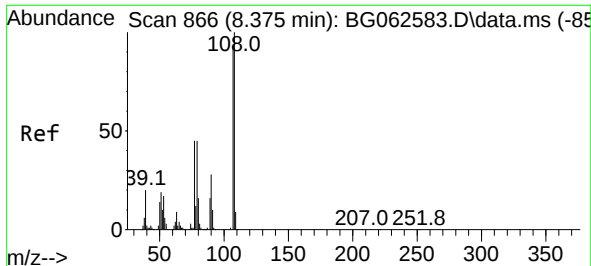
08/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.895 ng
RT: 8.453 min Scan# 879
Delta R.T. -0.011 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

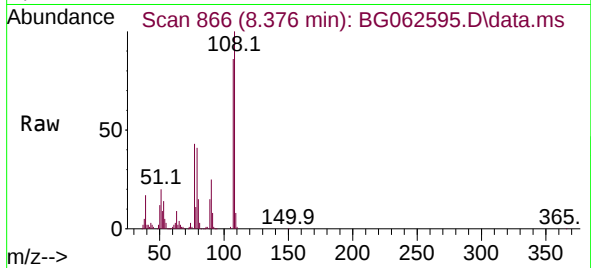
Tgt Ion: 45 Resp: 406976
Ion Ratio Lower Upper
45 100
77 10.9 0.0 31.2
79 8.0 0.0 28.2





#17
2-Methylphenol
Concen: 49.821 ng
RT: 8.376 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

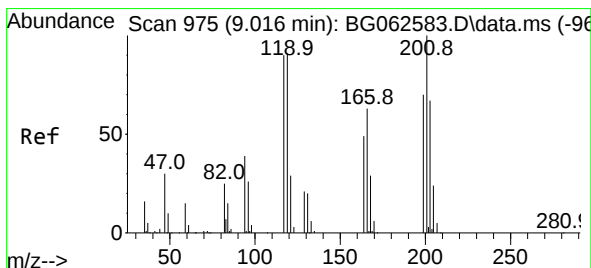
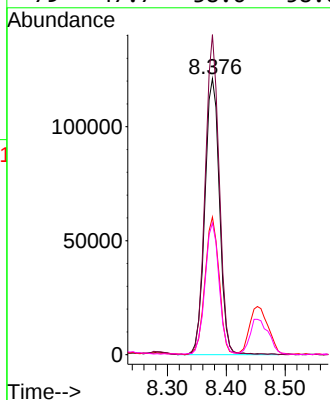
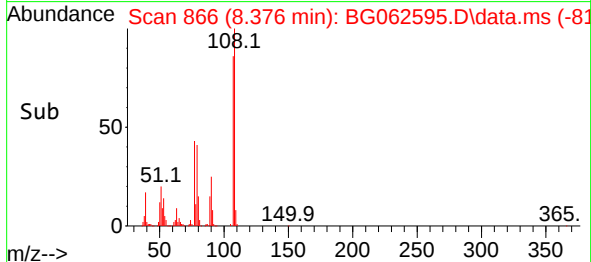
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



Tgt Ion:	107	Resp:	209304
Ion Ratio	Lower	Upper	
107	100		
108	115.9	85.6	128.4
77	49.8	38.6	58.0
79	47.7	38.6	58.0

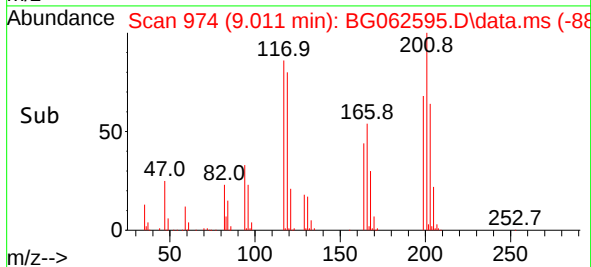
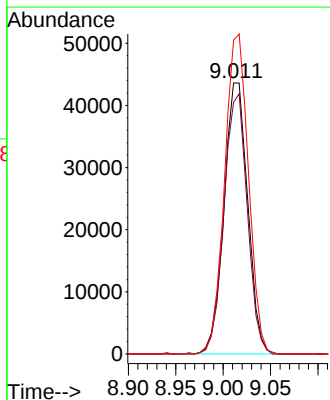
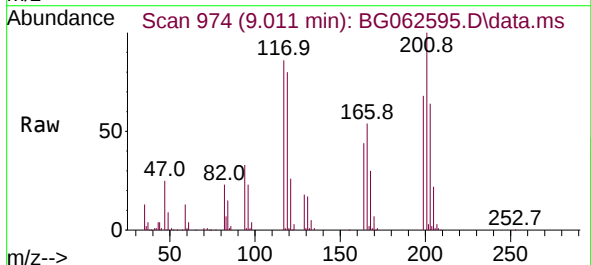
Manual Integrations
APPROVED

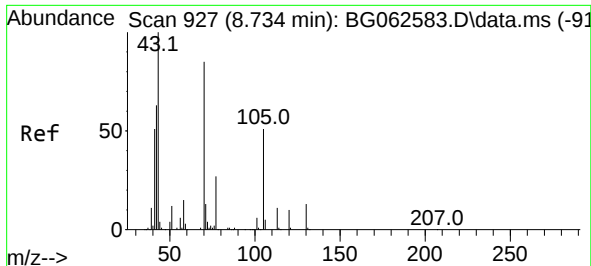
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#18
Hexachloroethane
Concen: 41.651 ng
RT: 9.011 min Scan# 974
Delta R.T. -0.005 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

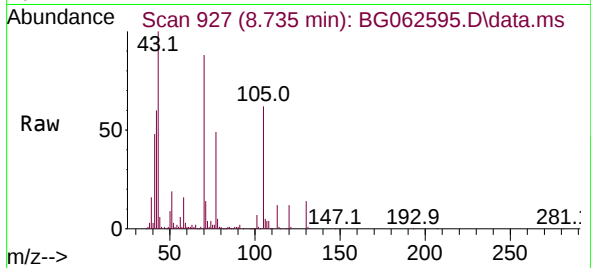
Tgt Ion:	117	Resp:	76004
Ion Ratio	Lower	Upper	
117	100		
119	91.9	81.6	122.4
201	114.7	89.4	134.0





#19
n-Nitroso-di-n-propylamine
Concen: 48.606 ng
RT: 8.735 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

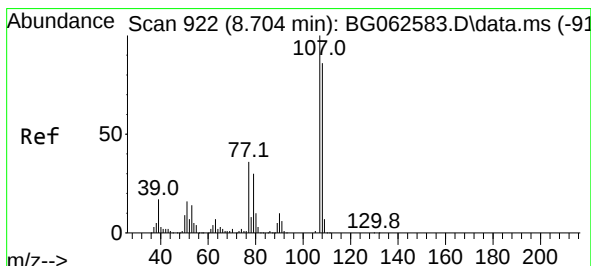
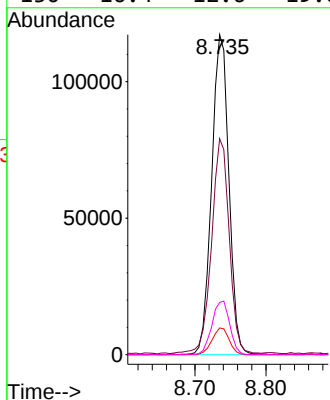
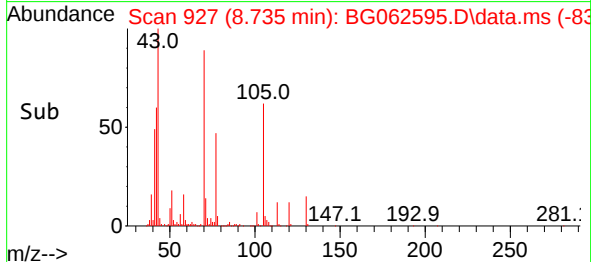
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



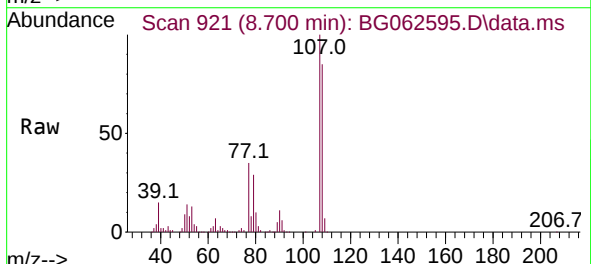
Tgt Ion: 70 Resp: 19726
Ion Ratio Lower Upper
70 100
42 67.5 60.0 90.0
101 8.3 6.1 9.1
130 16.4 12.6 19.0

Manual Integrations
APPROVED

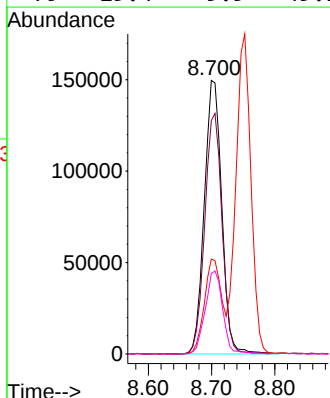
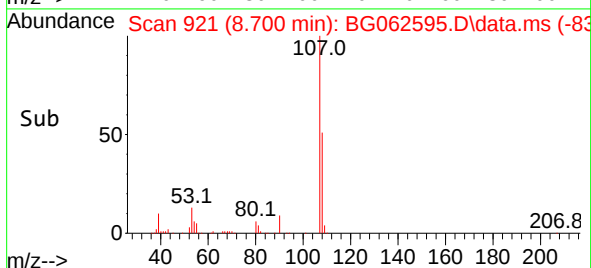
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

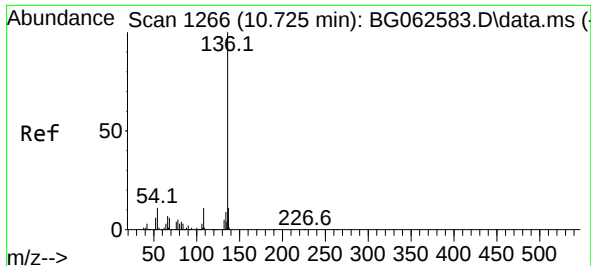


#20
3+4-Methylphenols
Concen: 49.941 ng
RT: 8.700 min Scan# 921
Delta R.T. -0.005 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33



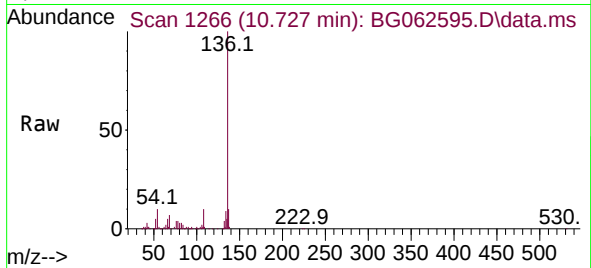
Tgt Ion:107 Resp: 286900
Ion Ratio Lower Upper
107 100
108 85.3 66.0 106.0
77 34.7 16.1 56.1
79 29.4 9.9 49.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1266
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

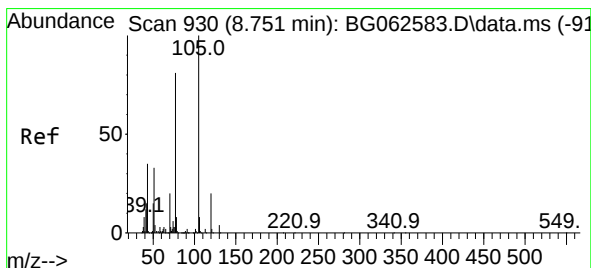
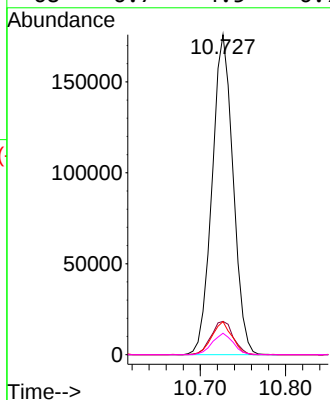
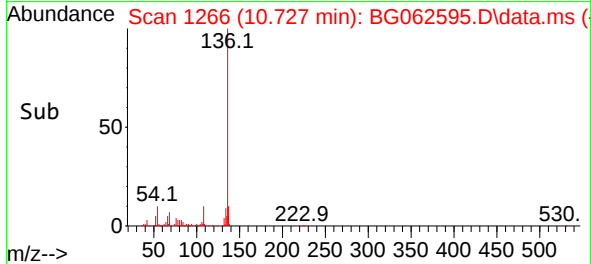
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



Tgt Ion:	136	Resp:	301049
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.8	13.2
54	10.4	9.0	13.4
68	6.7	4.5	6.7

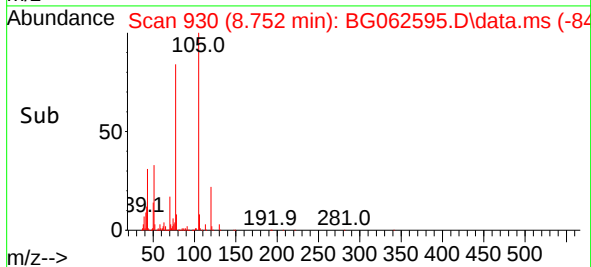
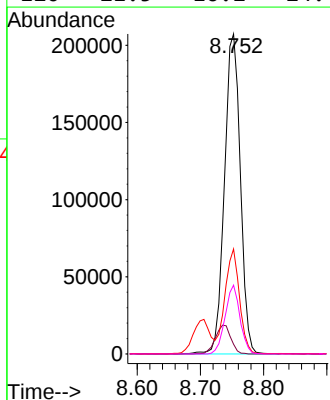
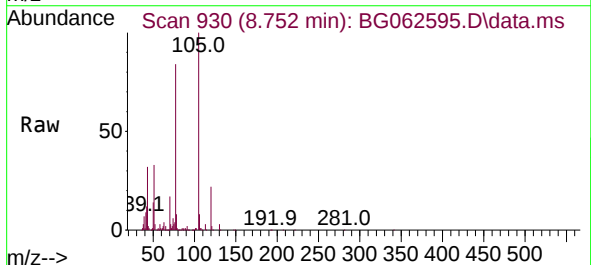
Manual Integrations
APPROVED

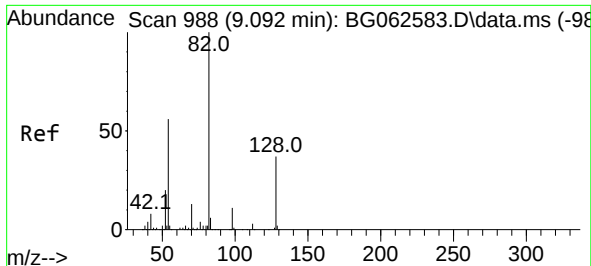
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#22
Acetophenone
Concen: 48.095 ng
RT: 8.752 min Scan# 930
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

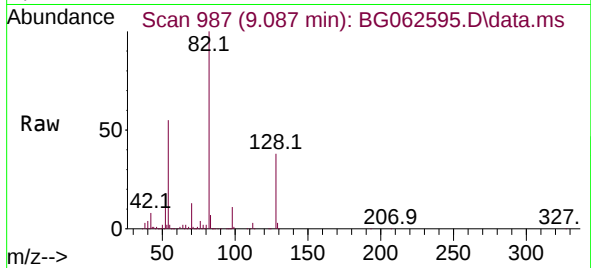
Tgt Ion:	105	Resp:	361316
Ion Ratio	Lower	Upper	
105	100		
71	3.1	2.5	3.7
51	32.8	26.6	40.0
120	21.5	16.2	24.4





#23
Nitrobenzene-d5
Concen: 109.413 ng
RT: 9.087 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

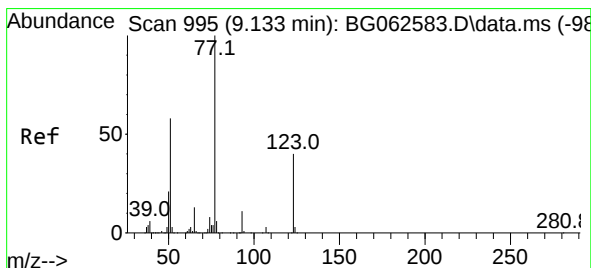
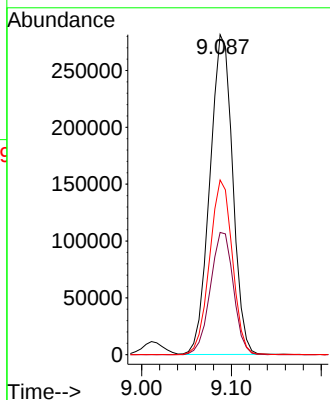
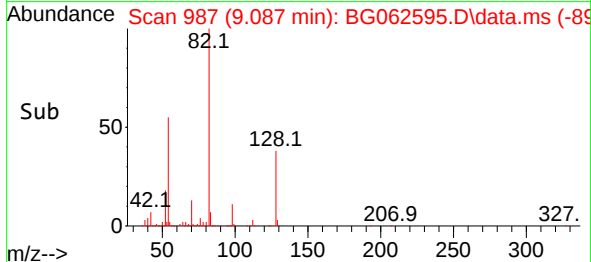
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



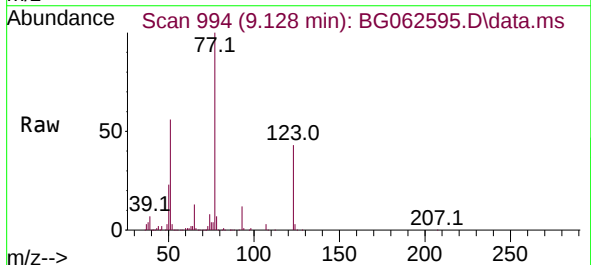
Tgt Ion: 82 Resp: 496314
Ion Ratio Lower Upper
82 100
128 38.2 29.7 44.5
54 54.6 44.4 66.6

Manual Integrations
APPROVED

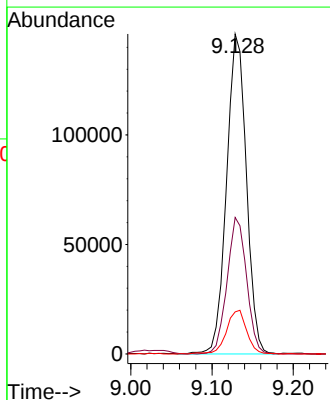
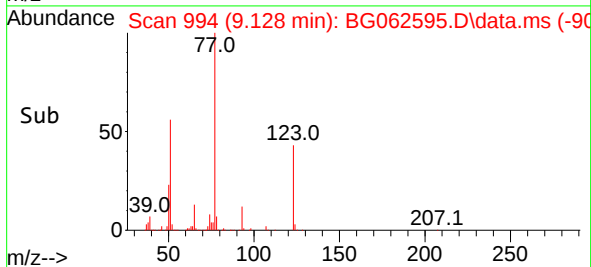
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

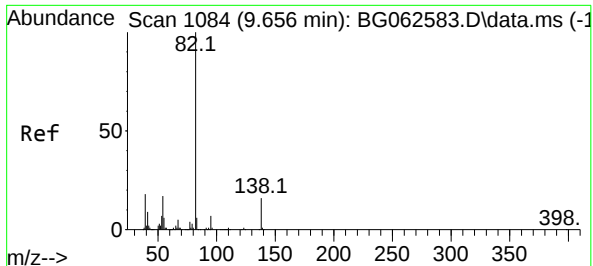


#24
Nitrobenzene
Concen: 50.400 ng
RT: 9.128 min Scan# 994
Delta R.T. -0.005 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33



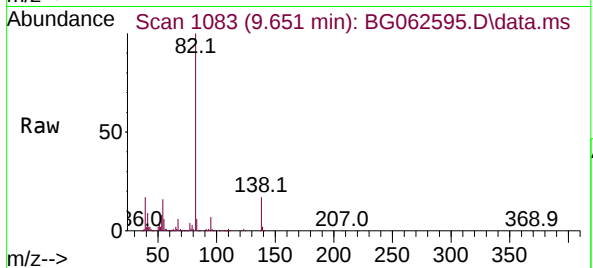
Tgt Ion: 77 Resp: 247577
Ion Ratio Lower Upper
77 100
123 42.7 32.0 48.0
65 13.2 10.6 15.8





#25
Isophorone
Concen: 48.756 ng
RT: 9.651 min Scan# 1083
Delta R.T. -0.005 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

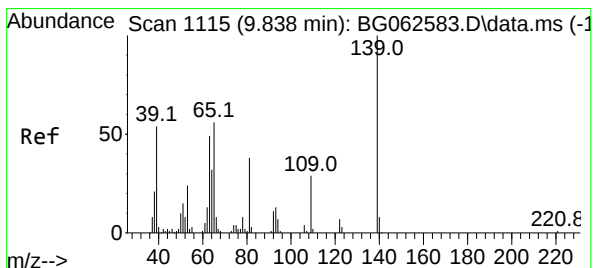
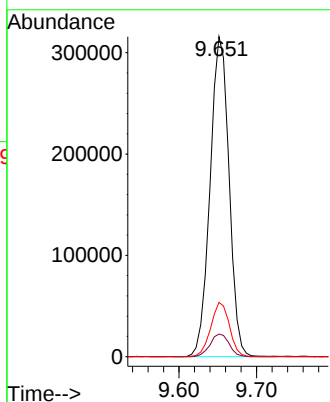
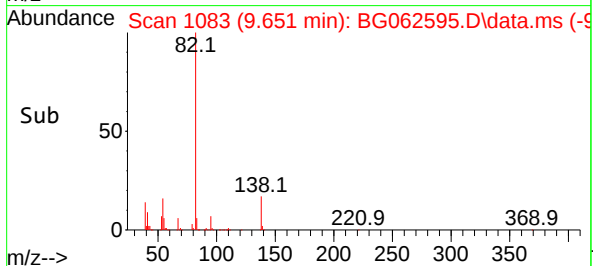
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



Tgt Ion: 82 Resp: 536474
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 17.0 13.0 19.4

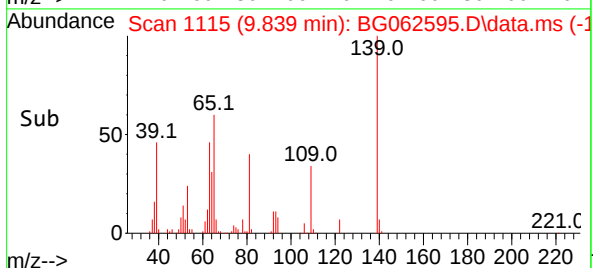
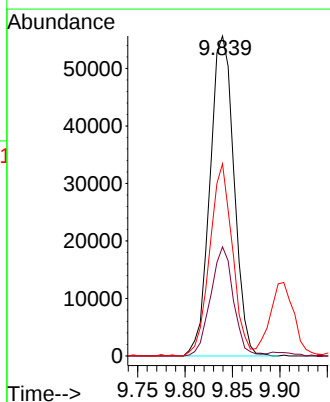
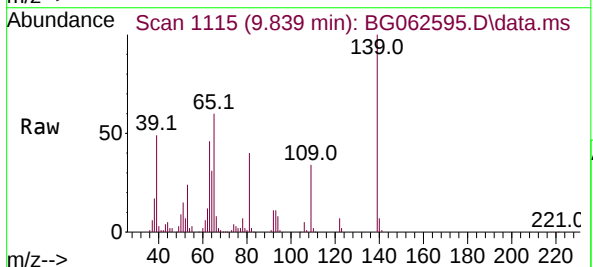
Manual Integrations
APPROVED

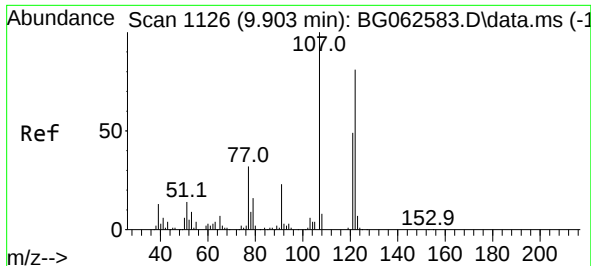
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#26
2-Nitrophenol
Concen: 58.132 ng
RT: 9.839 min Scan# 1115
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

Tgt Ion:139 Resp: 98256
Ion Ratio Lower Upper
139 100
109 34.1 23.1 34.7
65 60.0 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 69.540 ng

RT: 9.904 min Scan# 1126

Delta R.T. 0.001 min

Lab File: BG062595.D

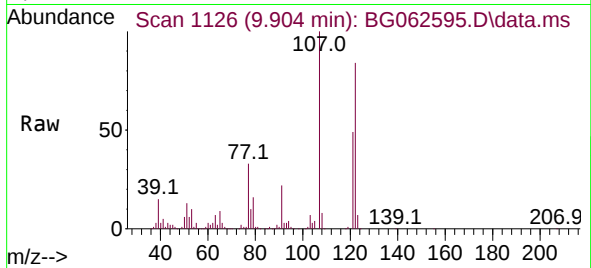
Acq: 28 Aug 2024 14:33

Instrument :

BNA_G

ClientSampleId :

MOO-SOIL-PILEMSD



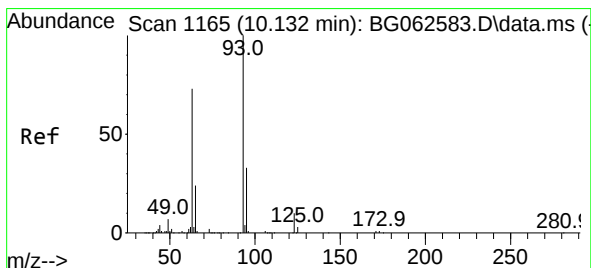
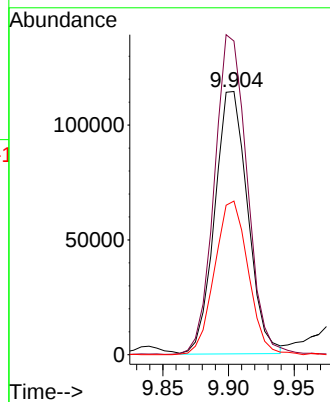
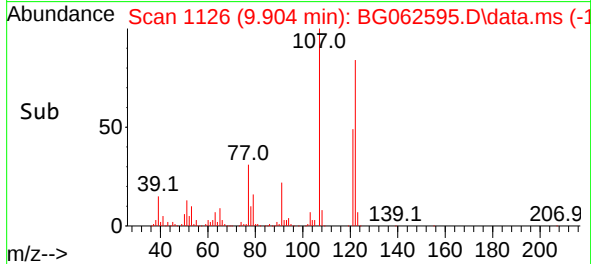
Tgt Ion:122 Resp: 199970

Ion	Ratio	Lower	Upper
122	100		
107	119.1	98.0	147.0
121	58.4	48.2	72.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#28

bis(2-Chloroethoxy)methane

Concen: 49.855 ng

RT: 10.133 min Scan# 1165

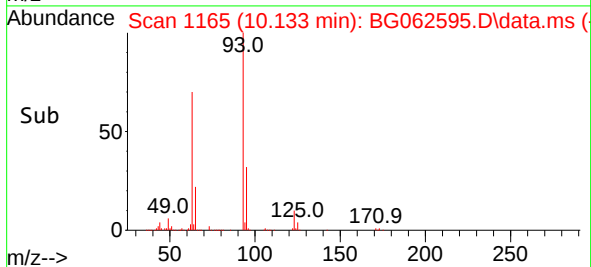
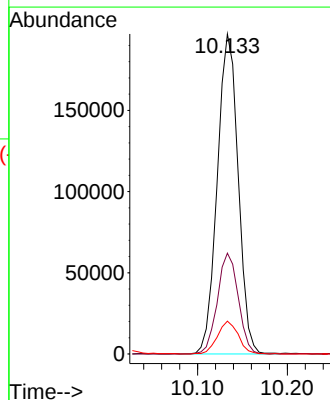
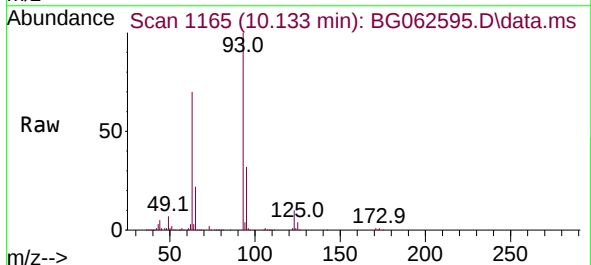
Delta R.T. 0.001 min

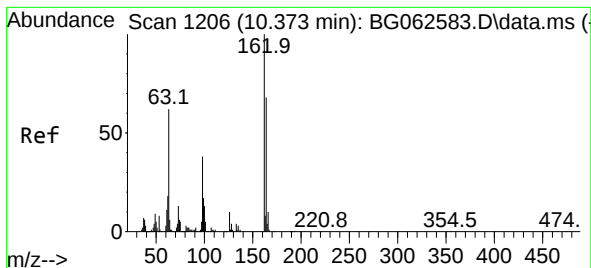
Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

Tgt Ion: 93 Resp: 317975

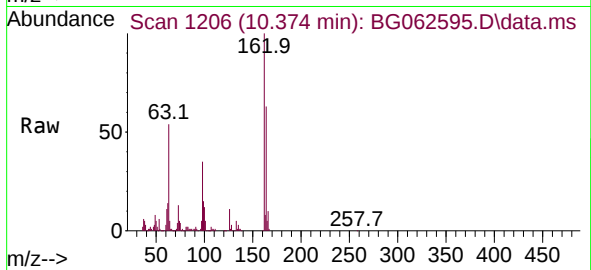
Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.6	39.8
123	10.3	8.2	12.2





#29
2,4-Dichlorophenol
Concen: 57.629 ng
RT: 10.374 min Scan# 1206
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

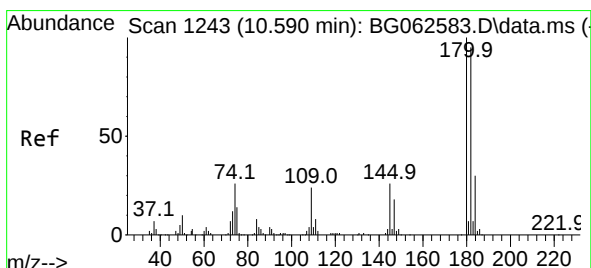
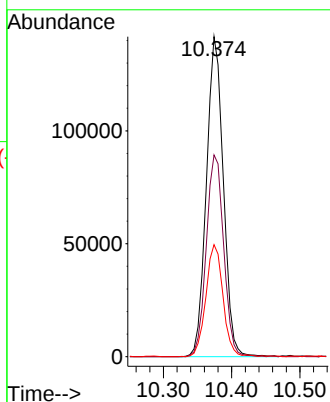
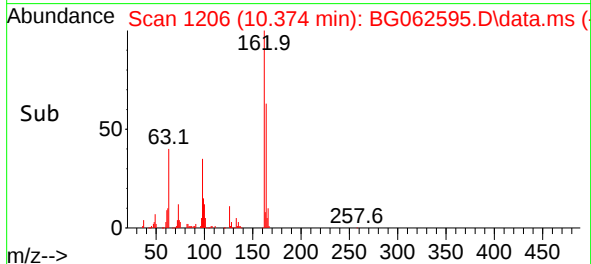
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



Tgt Ion:162 Resp: 245338
Ion Ratio Lower Upper
162 100
164 63.1 47.5 87.5
98 35.0 17.6 57.6

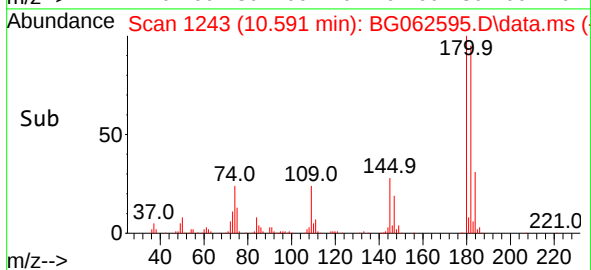
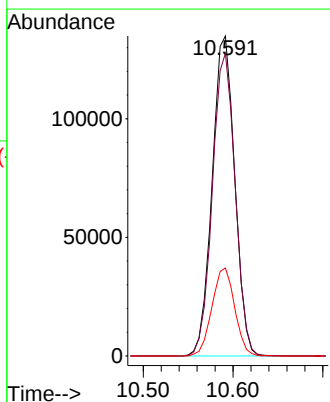
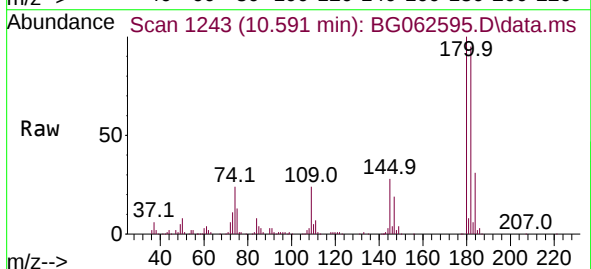
Manual Integrations
APPROVED

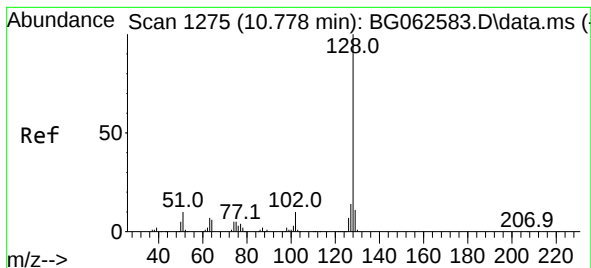
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#30
1,2,4-Trichlorobenzene
Concen: 45.234 ng
RT: 10.591 min Scan# 1243
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

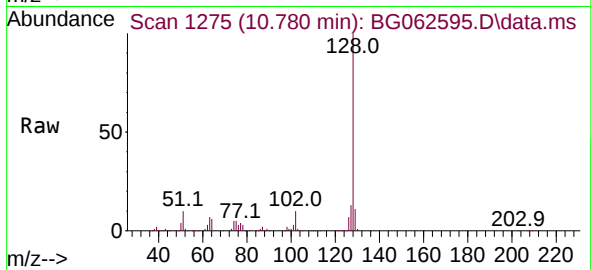
Tgt Ion:180 Resp: 235246
Ion Ratio Lower Upper
180 100
182 94.6 75.6 113.4
145 27.5 21.1 31.7





#31
Naphthalene
Concen: 45.519 ng
RT: 10.780 min Scan# 1146
Delta R.T. 0.002 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

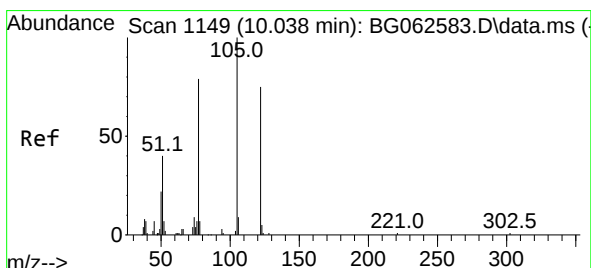
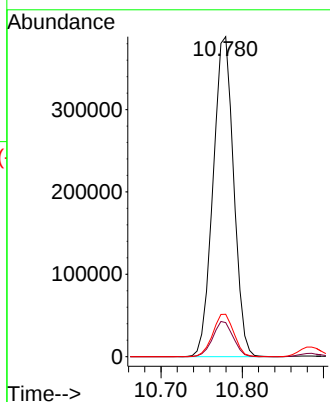
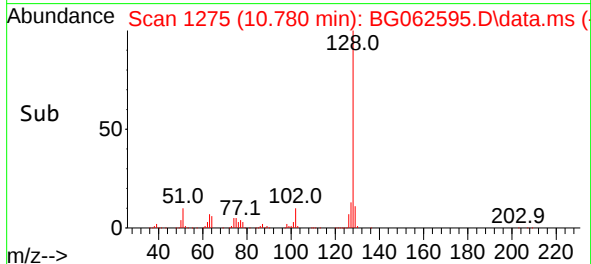
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



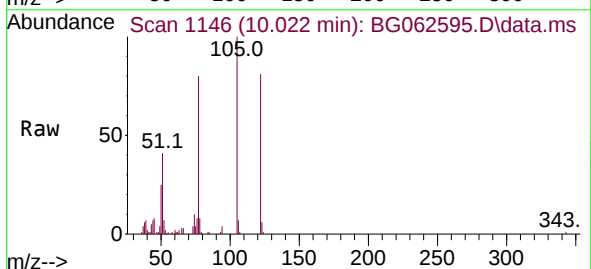
Tgt Ion:128 Resp: 684004
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 13.2 11.0 16.6

Manual Integrations
APPROVED

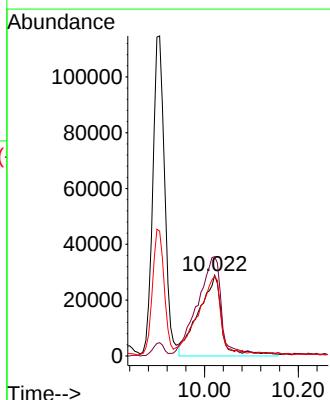
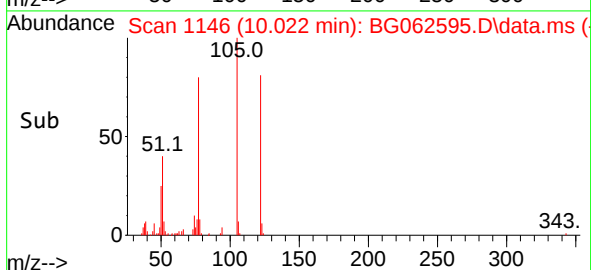
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

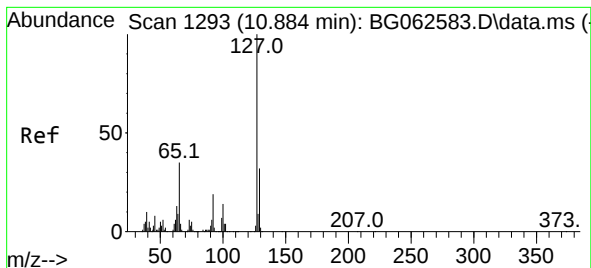


#32
Benzoic acid
Concen: 42.409 ng m
RT: 10.022 min Scan# 1146
Delta R.T. -0.016 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33



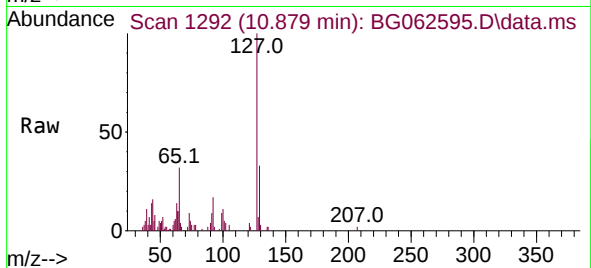
Tgt Ion:122 Resp: 100880
Ion Ratio Lower Upper
122 100
105 123.0 104.4 144.4
77 98.9 81.4 121.4





#33
4-Chloroaniline
Concen: 4.342 ng
RT: 10.879 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

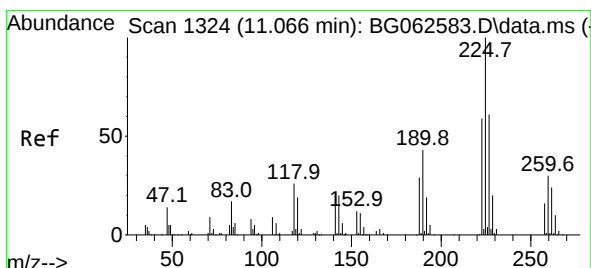
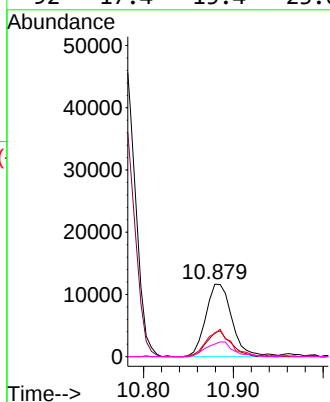
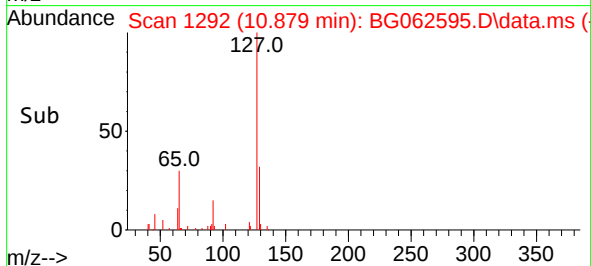
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



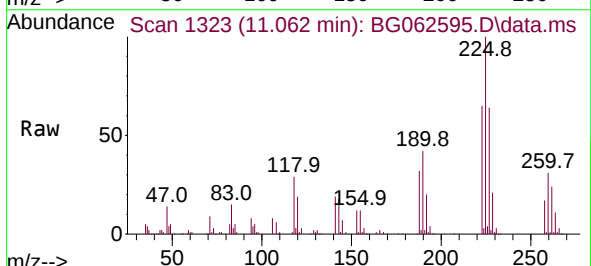
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.6
65	32.1	27.7	41.5
92	17.4	15.4	23.0

Manual Integrations
APPROVED

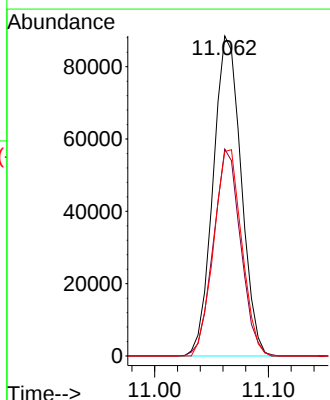
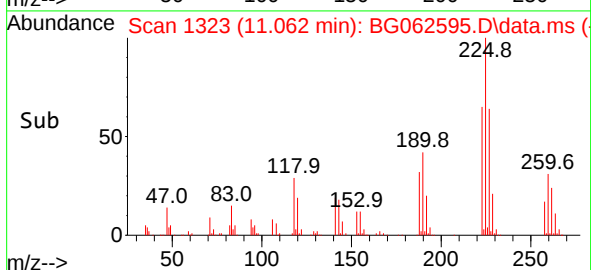
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

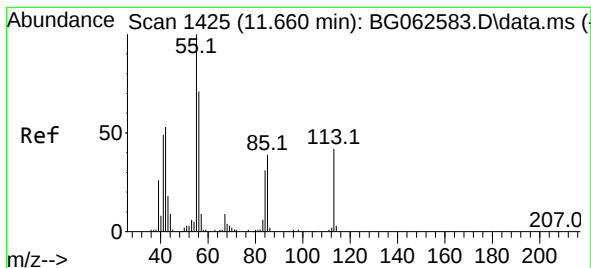


#34
Hexachlorobutadiene
Concen: 44.609 ng
RT: 11.062 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33



Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	47.4	71.0
227	66.3	48.6	72.8





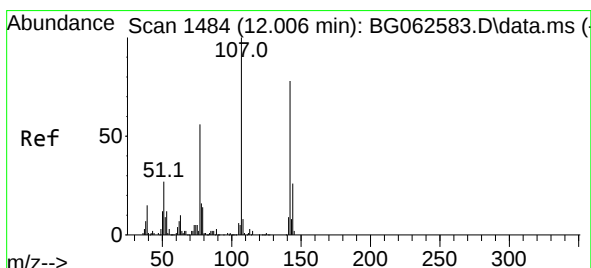
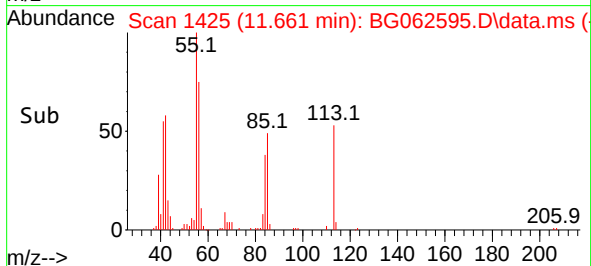
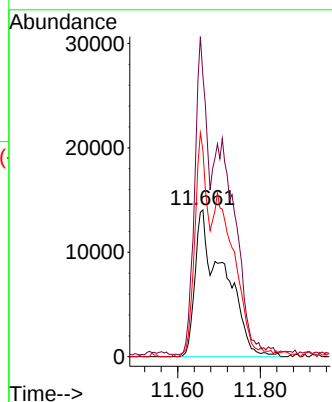
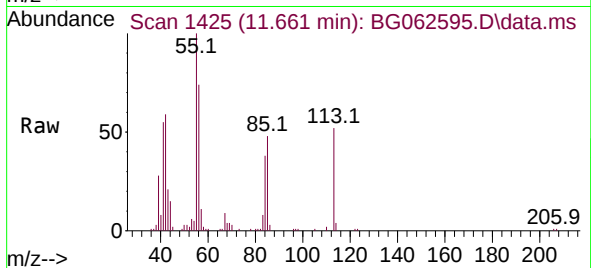
#35
Caprolactam
Concen: 59.622 ng m
RT: 11.661 min Scan# 1425
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD

Tgt Ion:113 Resp: 6839
Ion Ratio Lower Upper
113 100
55 191.2 220.5 260.5
56 140.6 151.4 191.4

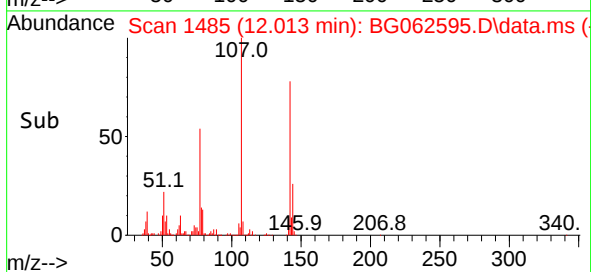
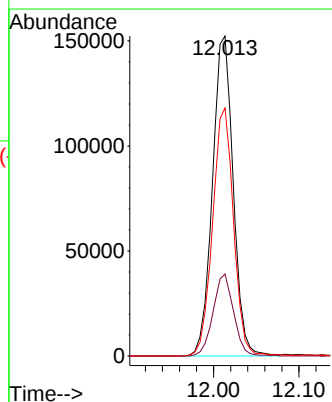
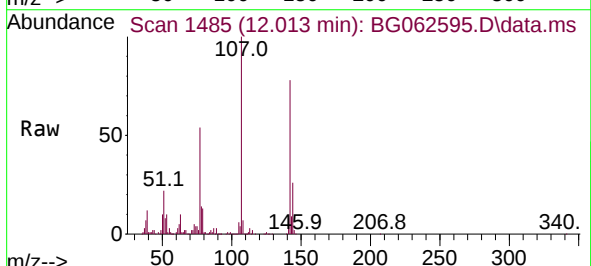
Manual Integrations
APPROVED

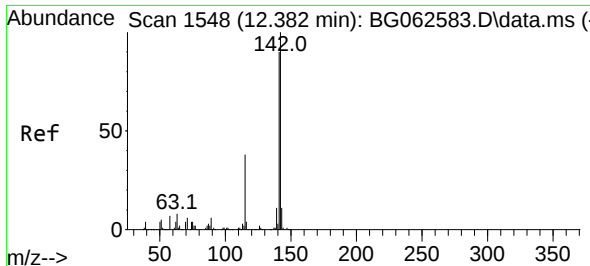
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#36
4-Chloro-3-methylphenol
Concen: 55.850 ng
RT: 12.013 min Scan# 1485
Delta R.T. 0.007 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

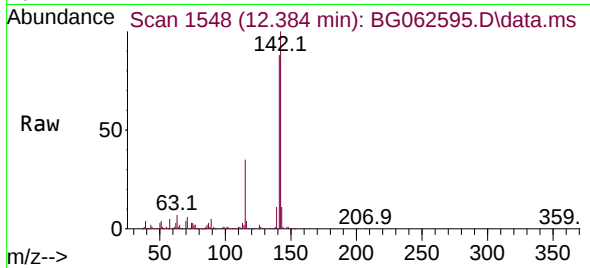
Tgt Ion:107 Resp: 257628
Ion Ratio Lower Upper
107 100
144 25.6 20.8 31.2
142 77.5 62.5 93.7





#37
2-Methylnaphthalene
Concen: 47.874 ng
RT: 12.384 min Scan# 1548
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

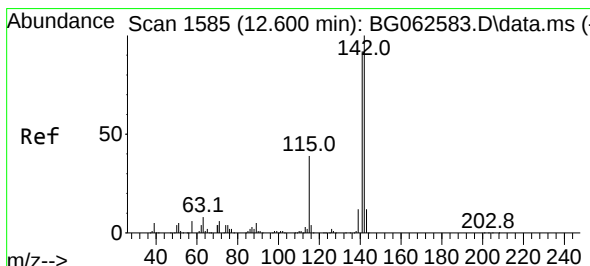
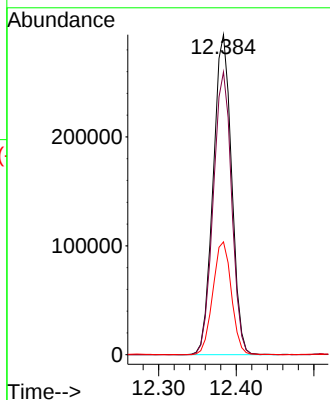
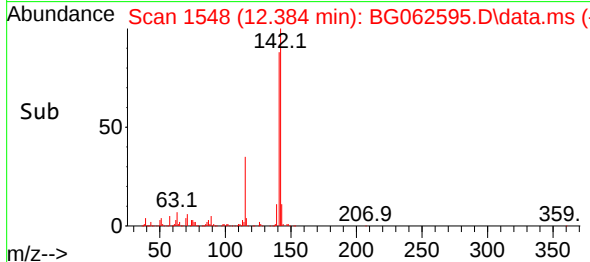
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



Tgt Ion:142 Resp: 484699
Ion Ratio Lower Upper
142 100
141 88.3 71.8 107.6
115 35.2 30.6 46.0

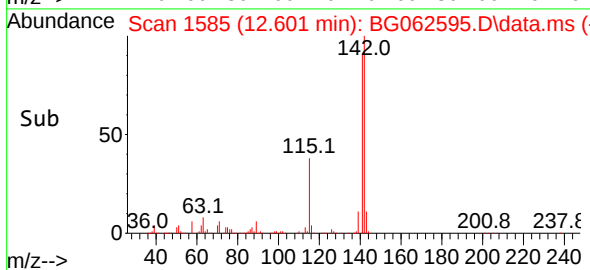
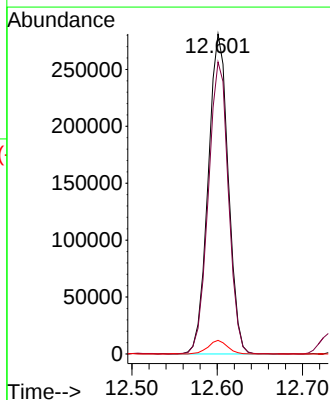
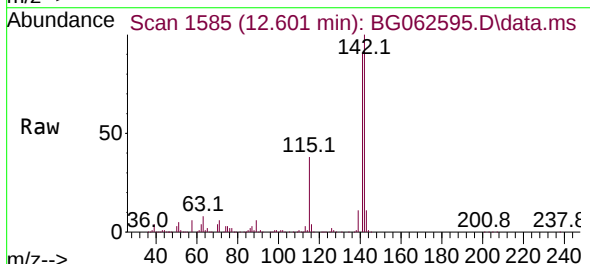
Manual Integrations
APPROVED

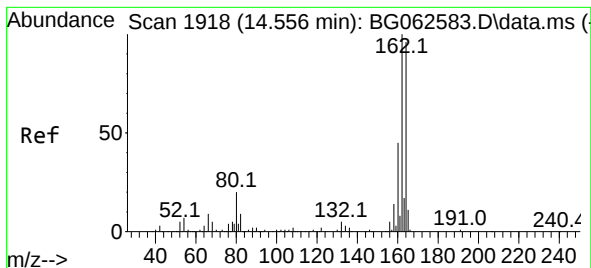
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#38
1-Methylnaphthalene
Concen: 45.500 ng
RT: 12.601 min Scan# 1585
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

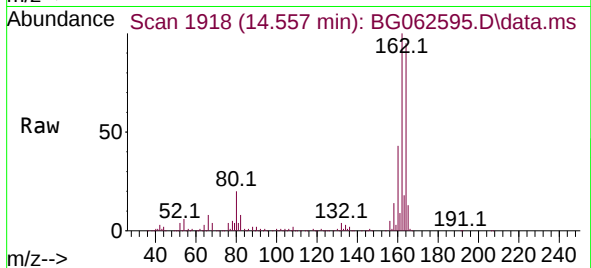
Tgt Ion:142 Resp: 460936
Ion Ratio Lower Upper
142 100
141 91.2 73.6 110.4
116 4.2 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1918
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

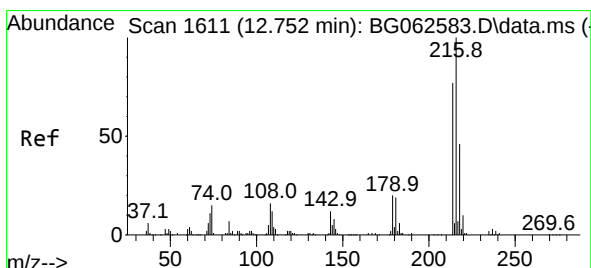
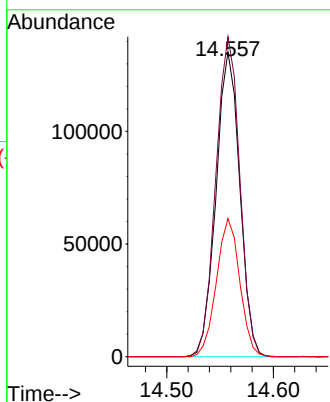
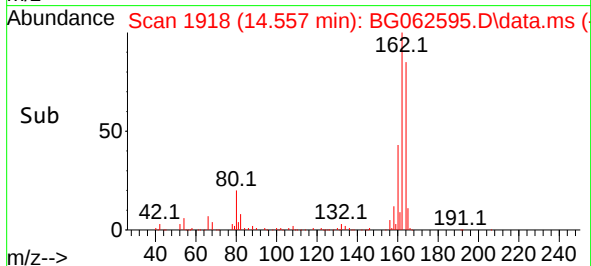
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



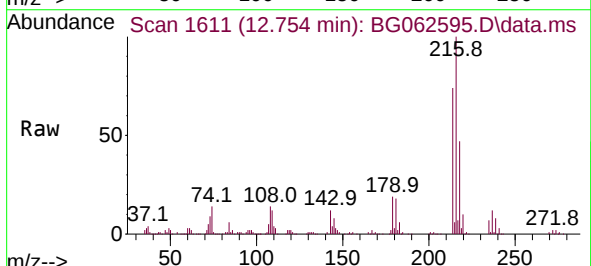
Tgt Ion:164 Resp: 208779
Ion Ratio Lower Upper
164 100
162 105.0 83.0 124.6
160 45.3 37.7 56.5

Manual Integrations
APPROVED

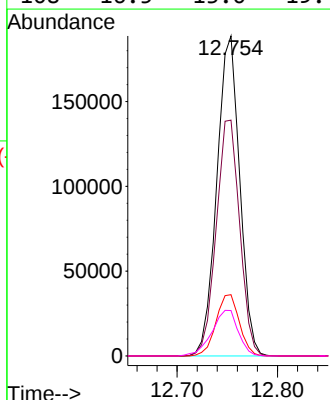
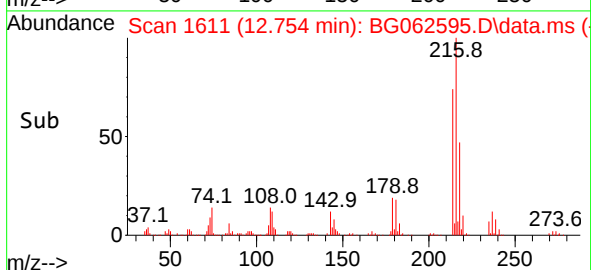
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

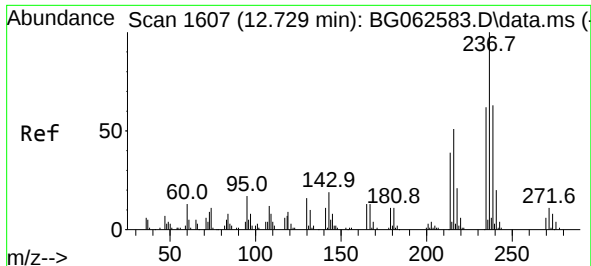


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.187 ng
RT: 12.754 min Scan# 1611
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33



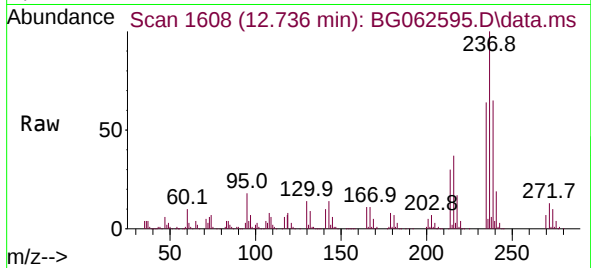
Tgt Ion:216 Resp: 298432
Ion Ratio Lower Upper
216 100
214 75.4 60.9 91.3
179 19.6 16.0 24.0
108 16.5 13.0 19.4





#41
Hexachlorocyclopentadiene
Concen: 194.411 ng
RT: 12.736 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

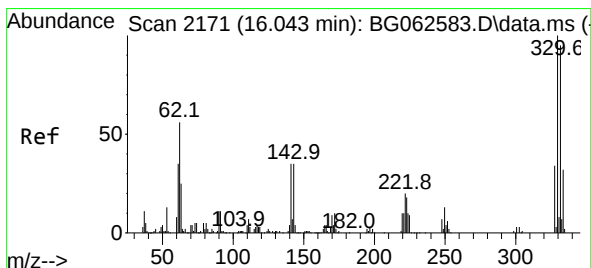
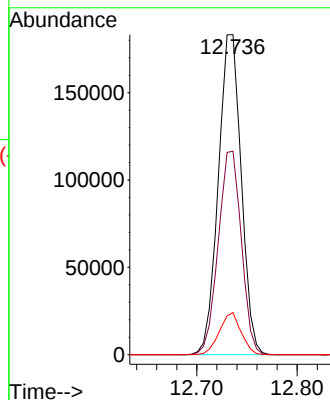
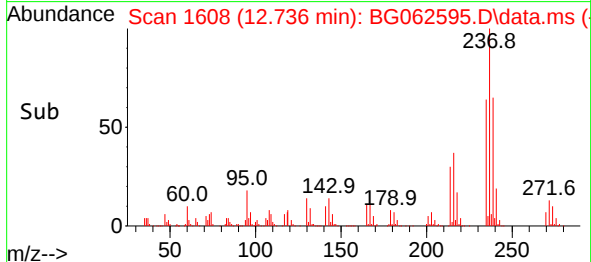
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



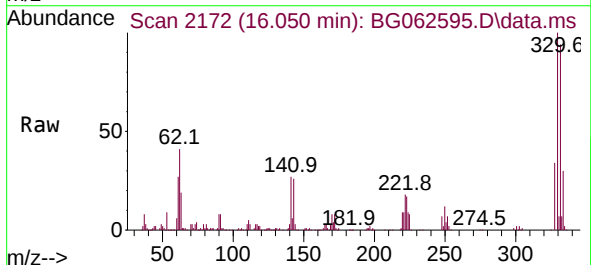
Tgt Ion:237 Resp: 29065
Ion Ratio Lower Upper
237 100
235 63.6 41.8 81.8
272 13.2 0.0 31.4

Manual Integrations
APPROVED

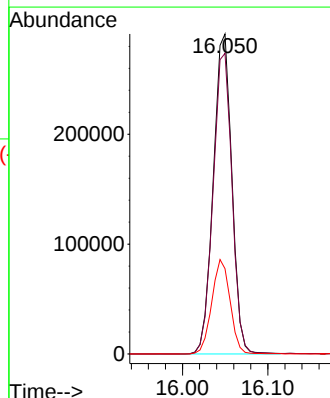
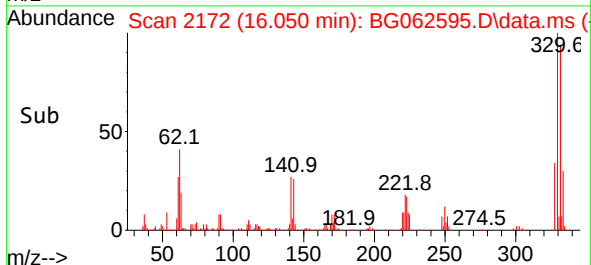
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

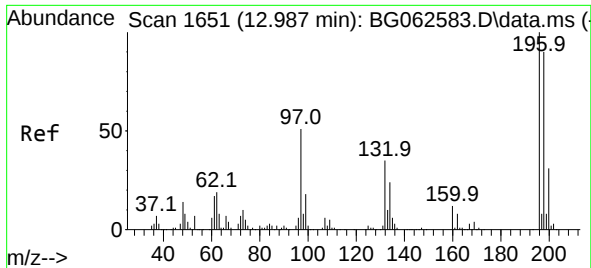


#42
2,4,6-Tribromophenol
Concen: 191.066 ng
RT: 16.050 min Scan# 2172
Delta R.T. 0.007 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33



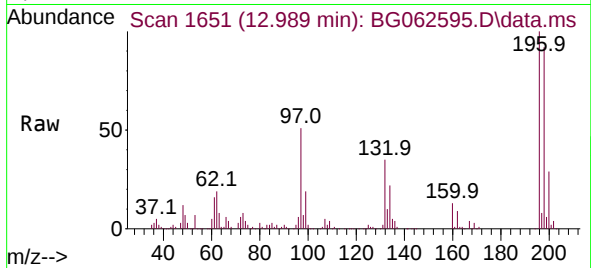
Tgt Ion:330 Resp: 440648
Ion Ratio Lower Upper
330 100
332 95.6 77.6 116.4
141 29.2 26.5 39.7





#43
2,4,6-Trichlorophenol
Concen: 61.197 ng
RT: 12.989 min Scan# 1651
Delta R.T. 0.002 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

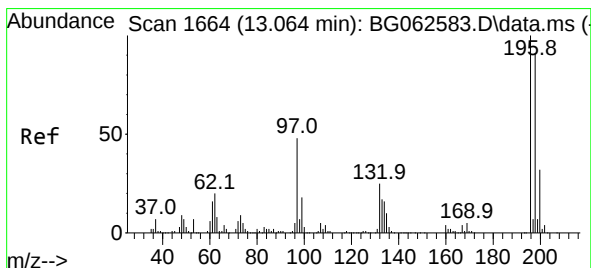
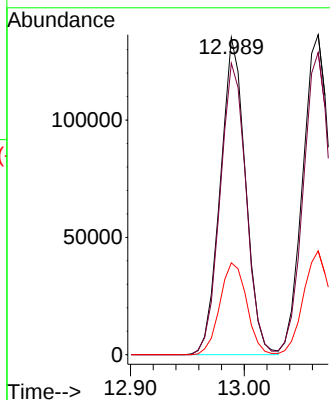
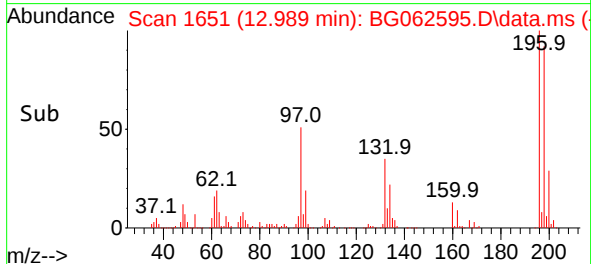
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



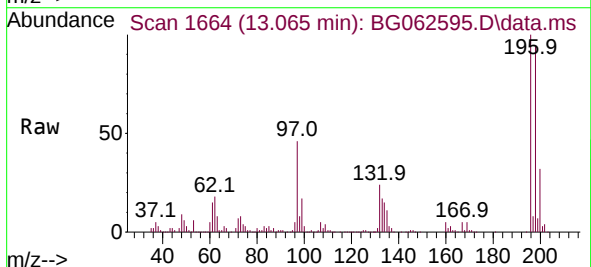
Tgt Ion:196 Resp: 20827
Ion Ratio Lower Upper
196 100
198 91.9 71.8 107.8
200 28.9 24.6 37.0

Manual Integrations
APPROVED

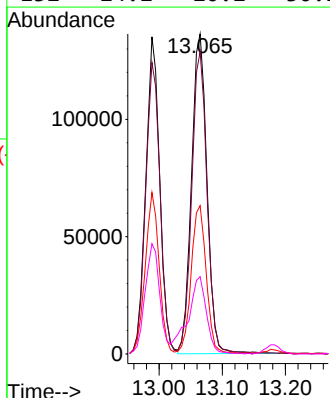
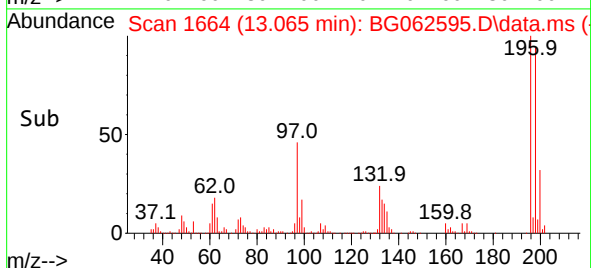
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

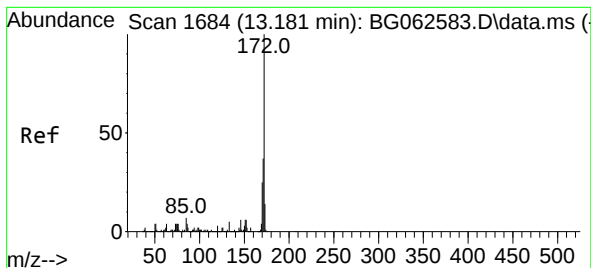


#44
2,4,5-Trichlorophenol
Concen: 57.735 ng
RT: 13.065 min Scan# 1664
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33



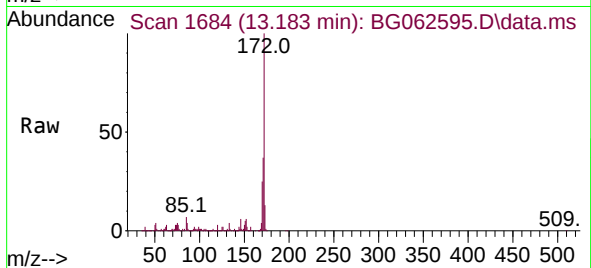
Tgt Ion:196 Resp: 231574
Ion Ratio Lower Upper
196 100
198 94.5 72.6 108.8
97 46.3 38.7 58.1
132 24.2 20.2 30.2





#45
2-Fluorobiphenyl
Concen: 98.587 ng
RT: 13.183 min Scan# 1719
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

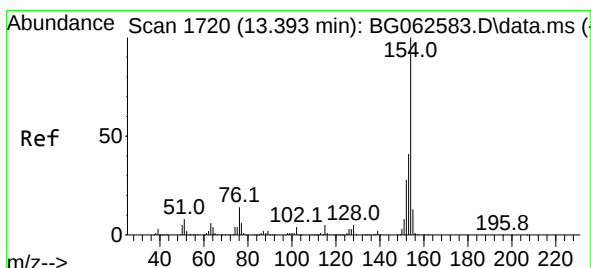
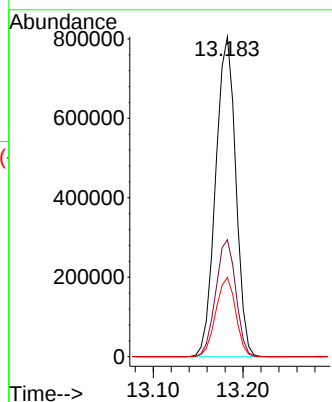
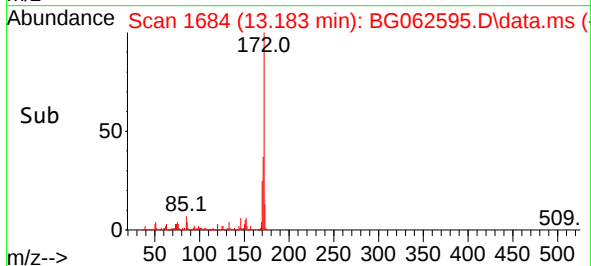
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



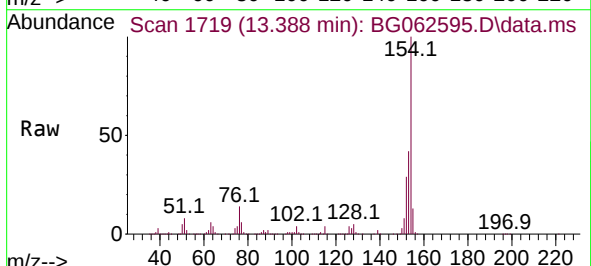
Tgt Ion:172 Resp: 1251772
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.8 20.1 30.1

Manual Integrations
APPROVED

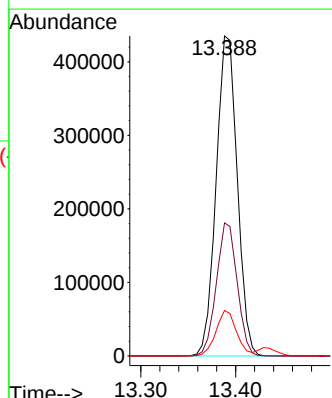
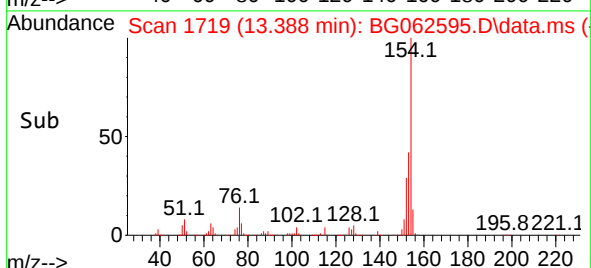
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

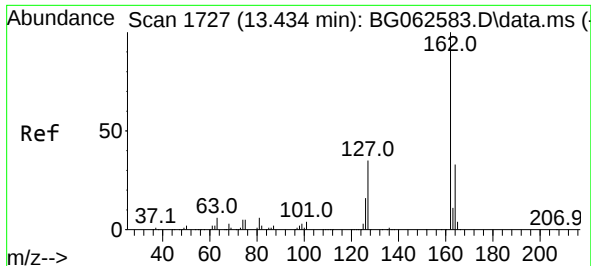


#46
1,1'-Biphenyl
Concen: 48.248 ng
RT: 13.388 min Scan# 1719
Delta R.T. -0.005 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33



Tgt Ion:154 Resp: 673982
Ion Ratio Lower Upper
154 100
153 41.6 21.1 61.1
76 14.2 0.0 33.5





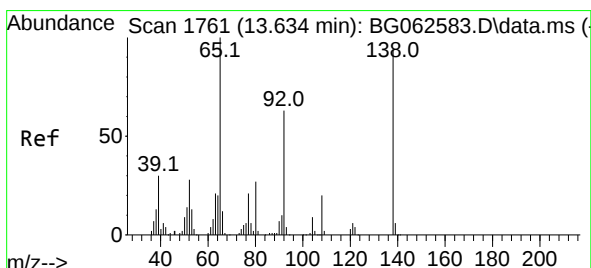
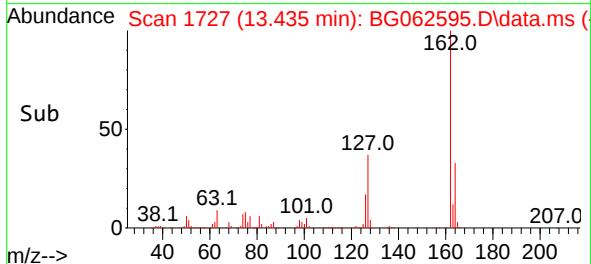
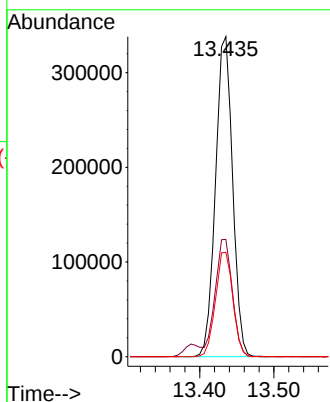
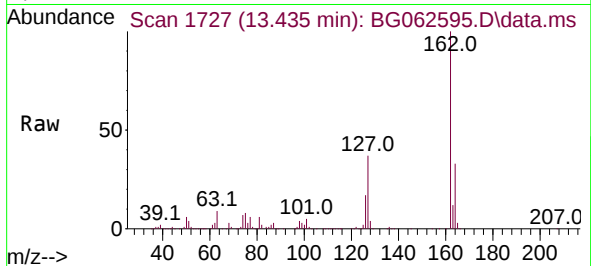
#47
2-Chloronaphthalene
Concen: 48.519 ng
RT: 13.435 min Scan# 1727
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD

Tgt Ion:162 Resp: 54096
Ion Ratio Lower Upper
162 100
127 36.7 30.0 45.0
164 32.6 26.6 40.0

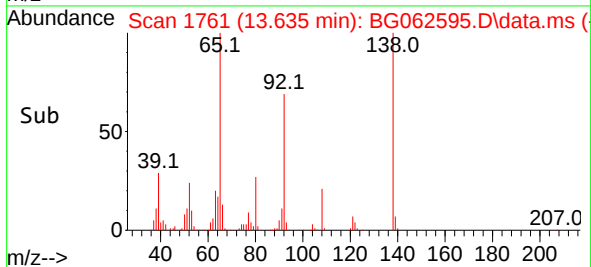
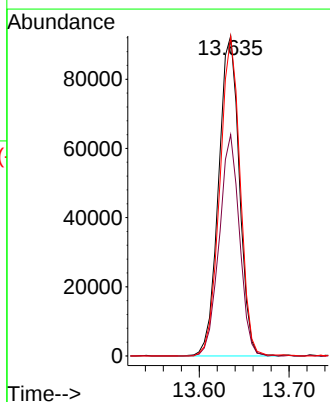
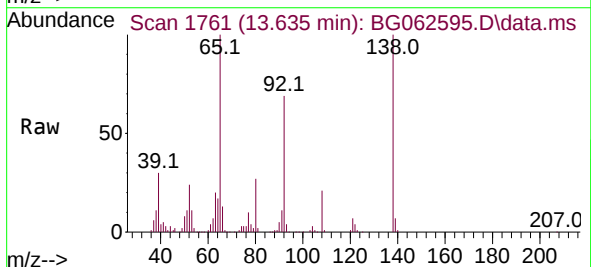
Manual Integrations
APPROVED

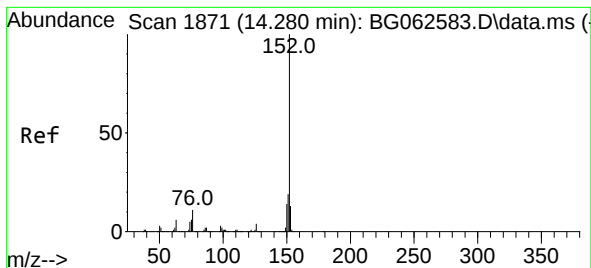
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#48
2-Nitroaniline
Concen: 61.551 ng
RT: 13.635 min Scan# 1761
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

Tgt Ion: 65 Resp: 147977
Ion Ratio Lower Upper
65 100
92 69.1 50.6 76.0
138 99.8 75.4 113.2





#49

Acenaphthylene

Concen: 53.312 ng

RT: 14.281 min Scan# 1871

Delta R.T. 0.001 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

Instrument :

BNA_G

ClientSampleId :

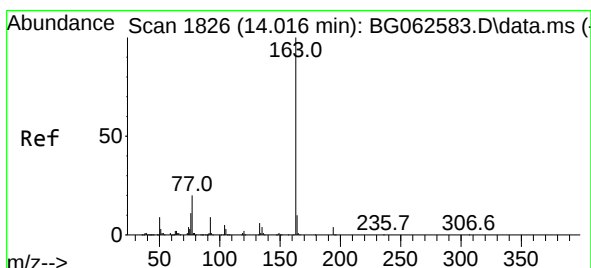
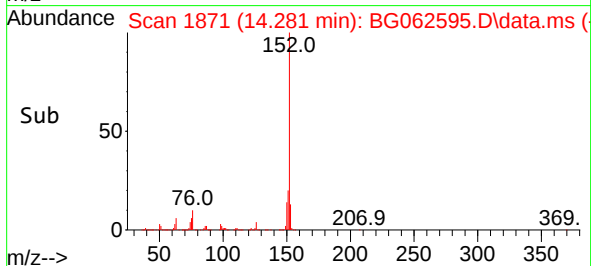
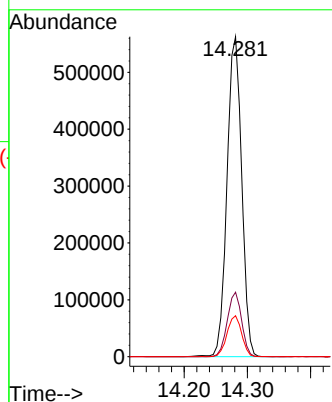
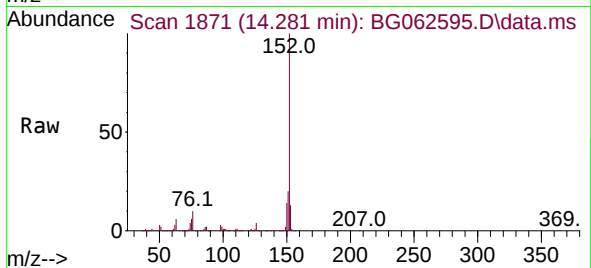
MOO-SOIL-PILEMSD

Tgt Ion:	152	Resp:	906134
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.0	22.4
153	12.8	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#50

Dimethylphthalate

Concen: 57.628 ng

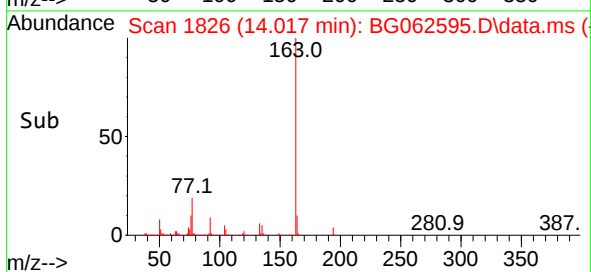
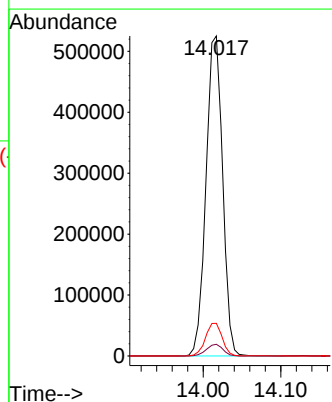
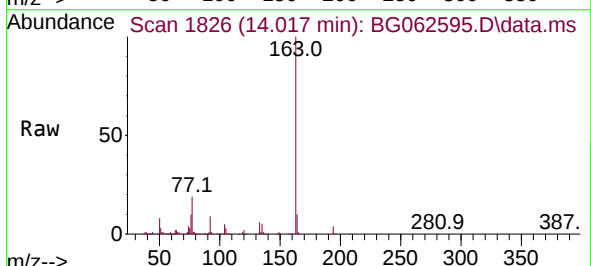
RT: 14.017 min Scan# 1826

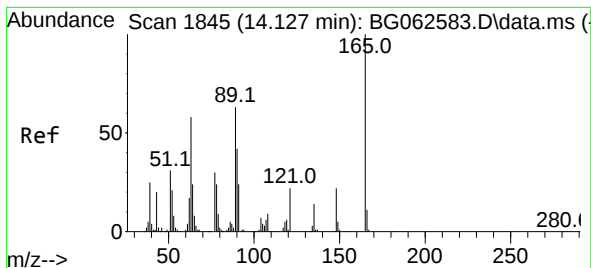
Delta R.T. 0.001 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

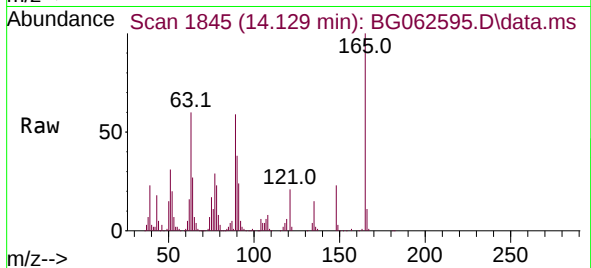
Tgt Ion:	163	Resp:	781820
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.8	4.2
164	10.2	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 51.826 ng
RT: 14.129 min Scan# 1845
Delta R.T. 0.002 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

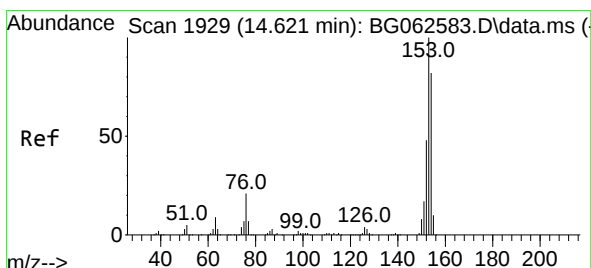
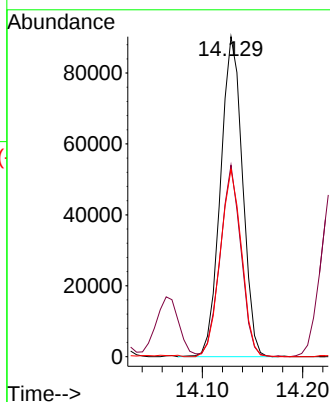
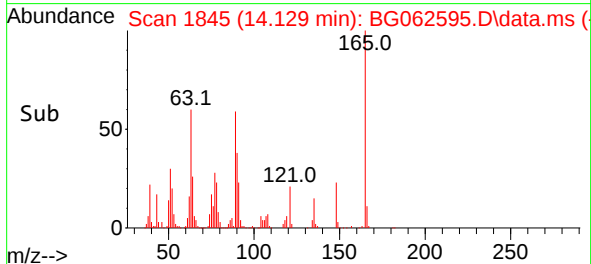
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



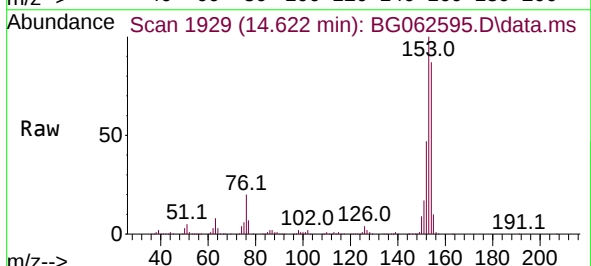
Tgt Ion:165 Resp: 137360
Ion Ratio Lower Upper
165 100
63 59.8 51.0 76.6
89 58.5 50.6 76.0

Manual Integrations
APPROVED

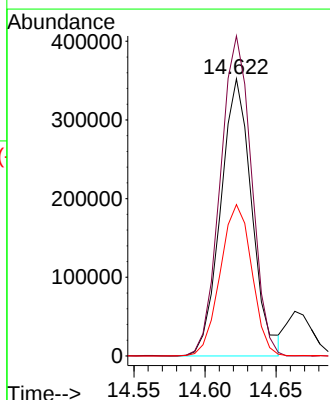
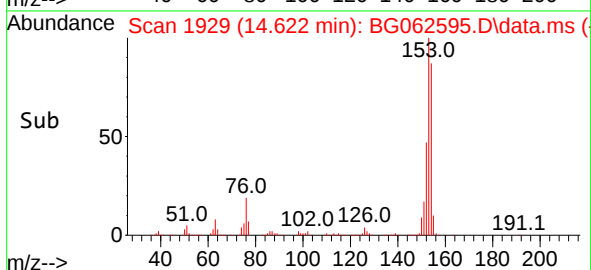
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

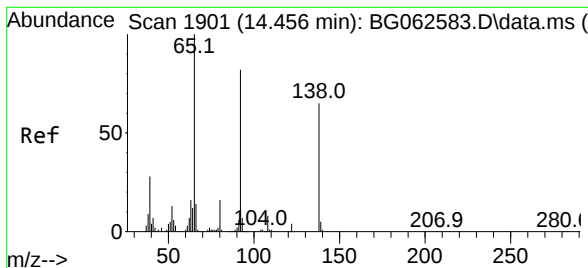


#52
Acenaphthene
Concen: 51.156 ng
RT: 14.622 min Scan# 1929
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33



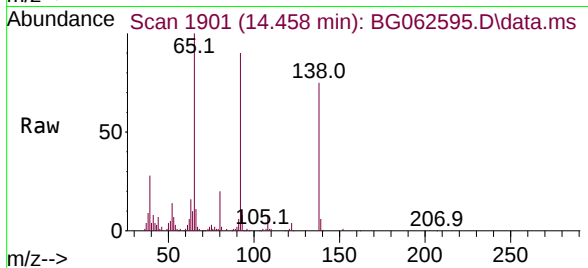
Tgt Ion:154 Resp: 536444
Ion Ratio Lower Upper
154 100
153 115.5 97.8 146.8
152 54.6 46.8 70.2





#53
3-Nitroaniline
Concen: 22.356 ng
RT: 14.458 min Scan# 1901
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

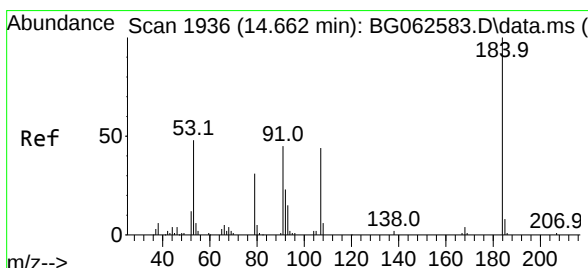
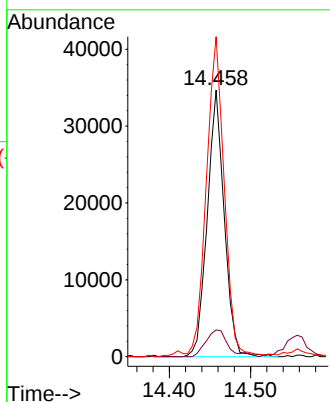
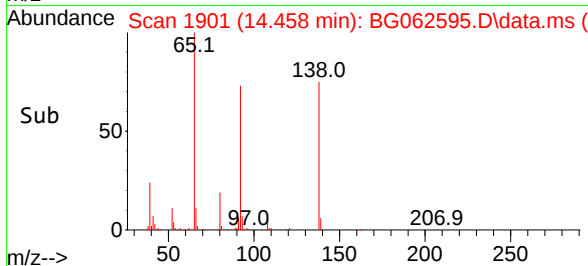
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



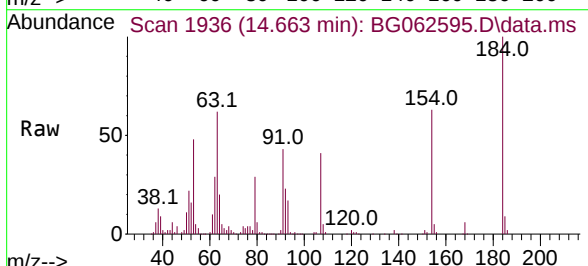
Tgt Ion:138 Resp: 5035
Ion Ratio Lower Upper
138 100
108 10.0 9.4 14.2
92 120.0 101.2 151.8

Manual Integrations
APPROVED

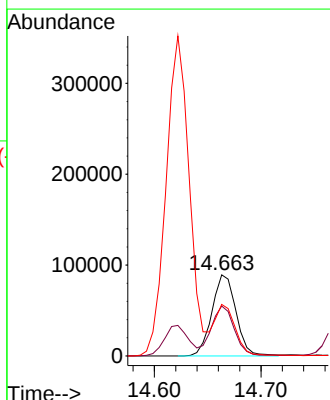
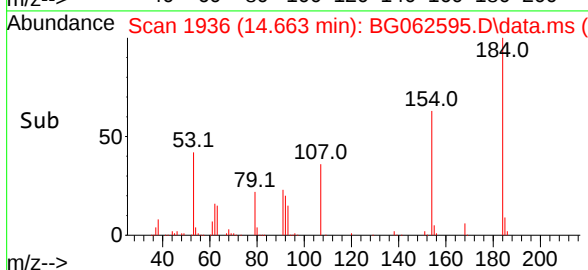
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

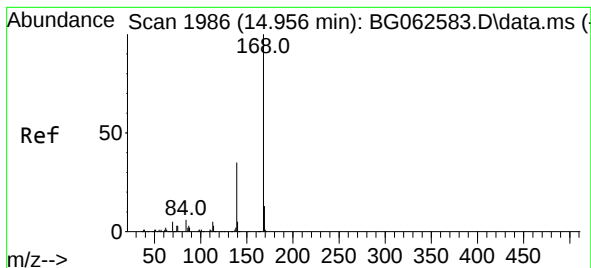


#54
2,4-Dinitrophenol
Concen: 113.439 ng
RT: 14.663 min Scan# 1936
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33



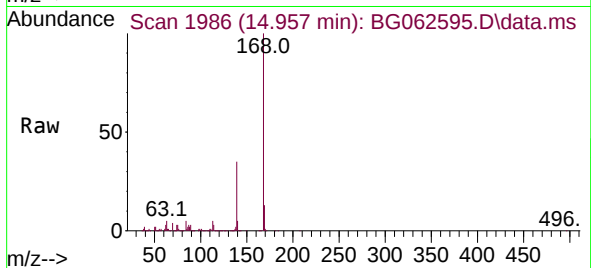
Tgt Ion:184 Resp: 140030
Ion Ratio Lower Upper
184 100
63 61.6 48.6 73.0
154 63.5 50.6 76.0





#55
Dibenzenofuran
Concen: 51.675 ng
RT: 14.957 min Scan# 1986
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

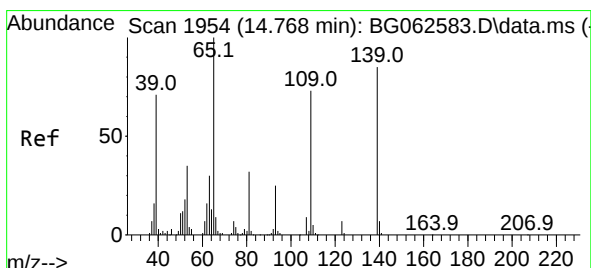
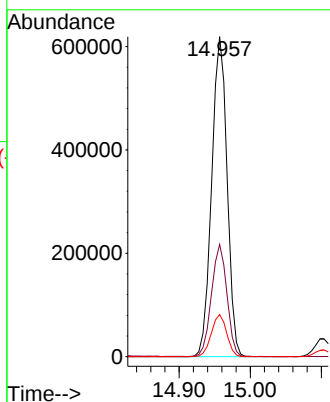
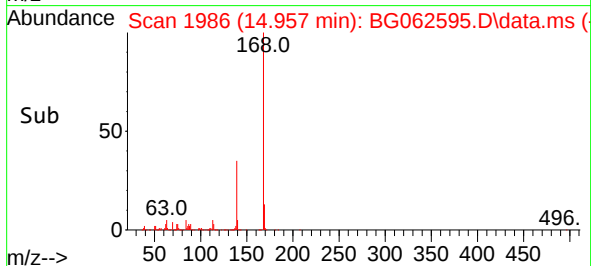
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



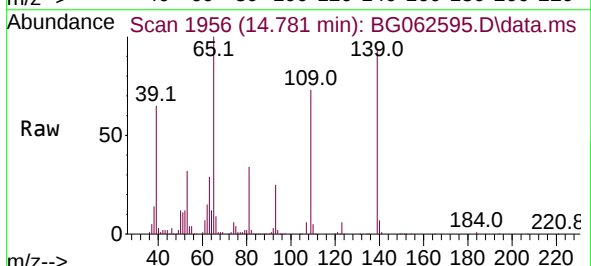
Tgt Ion:168 Resp: 929140
Ion Ratio Lower Upper
168 100
139 35.1 28.2 42.4
169 13.1 10.5 15.7

Manual Integrations
APPROVED

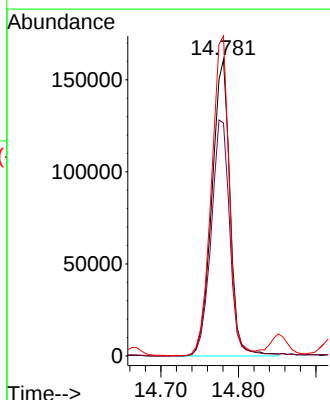
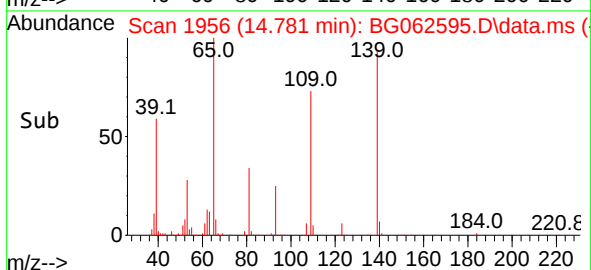
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

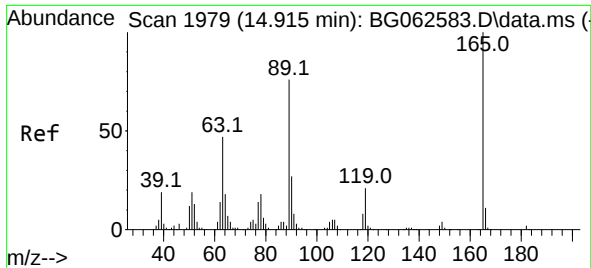


#56
4-Nitrophenol
Concen: 122.919 ng
RT: 14.781 min Scan# 1956
Delta R.T. 0.013 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33



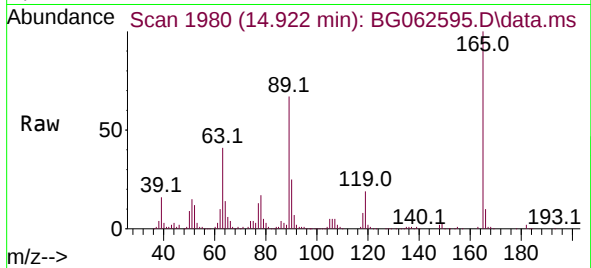
Tgt Ion:139 Resp: 261618
Ion Ratio Lower Upper
139 100
109 78.5 66.7 106.7
65 107.9 98.1 138.1





#57
2,4-Dinitrotoluene
Concen: 64.777 ng
RT: 14.922 min Scan# 1979
Delta R.T. 0.007 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

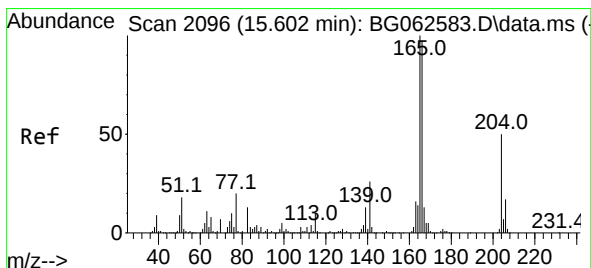
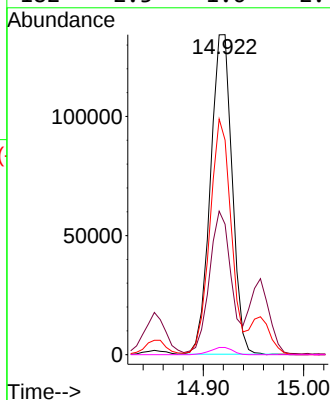
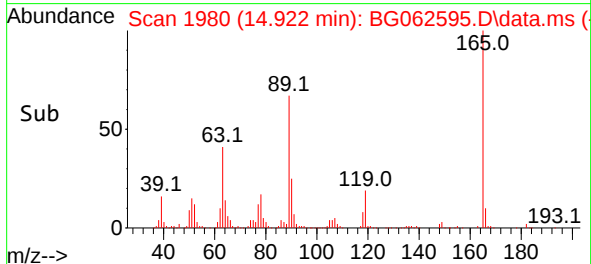
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



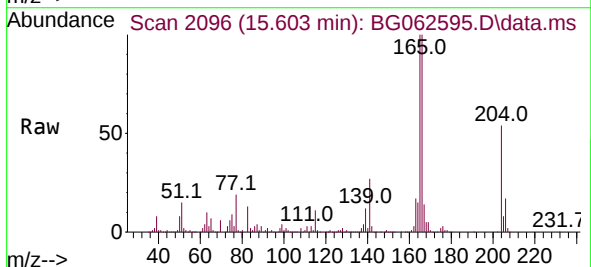
Tgt Ion:165 Resp: 200800
Ion Ratio Lower Upper
165 100
63 40.8 37.5 56.3
89 67.1 60.8 91.2
182 2.3 1.6 2.4

Manual Integrations
APPROVED

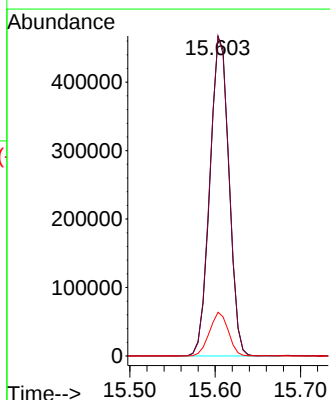
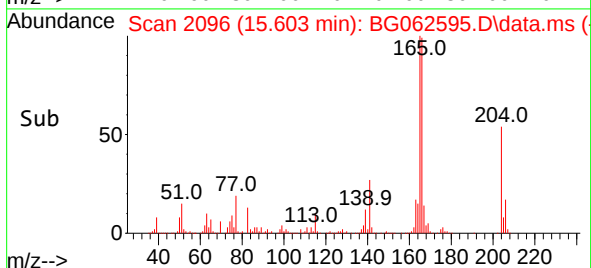
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

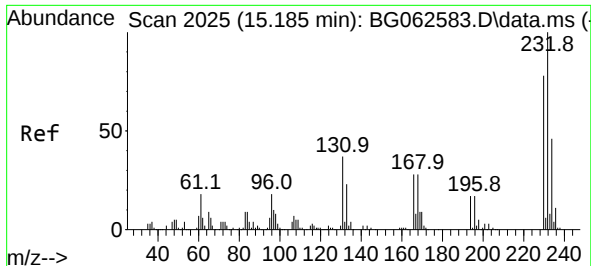


#58
Fluorene
Concen: 51.414 ng
RT: 15.603 min Scan# 2096
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33



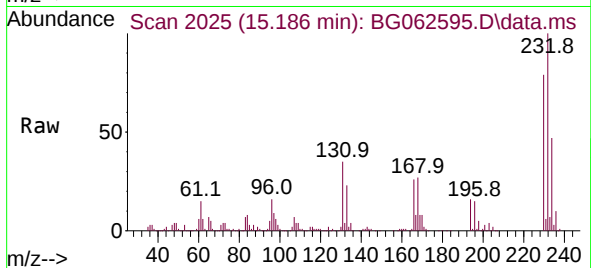
Tgt Ion:166 Resp: 725958
Ion Ratio Lower Upper
166 100
165 100.3 82.6 123.8
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 64.519 ng
RT: 15.186 min Scan# 2025
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

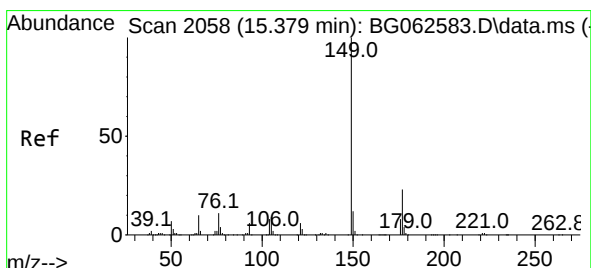
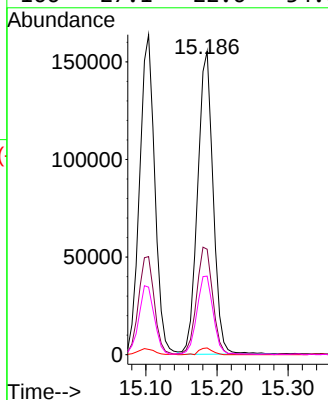
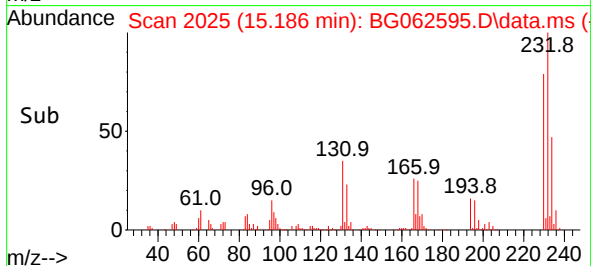
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



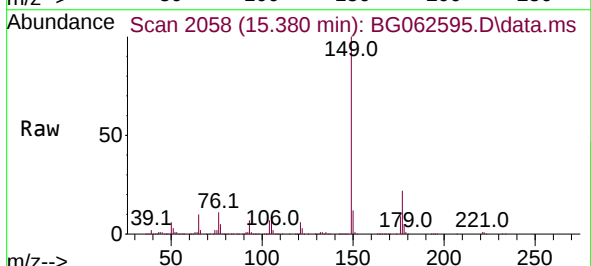
Tgt Ion:232 Resp: 235578
Ion Ratio Lower Upper
232 100
131 36.9 30.5 45.7
130 2.0 1.8 2.8
166 27.1 22.6 34.0

Manual Integrations
APPROVED

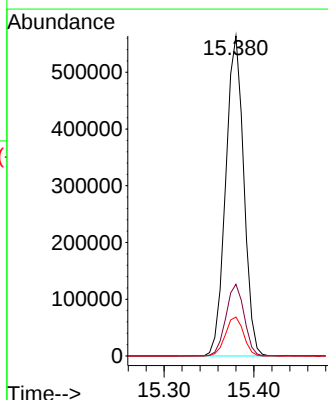
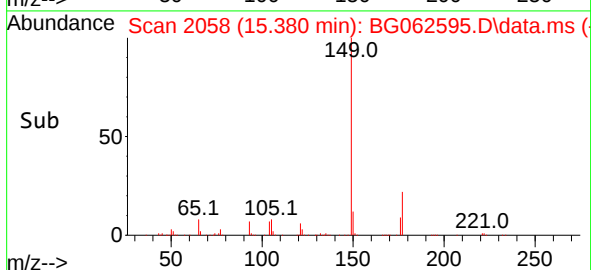
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

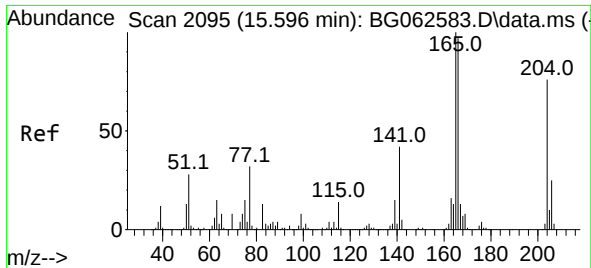


#60
Diethylphthalate
Concen: 60.538 ng
RT: 15.380 min Scan# 2058
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33



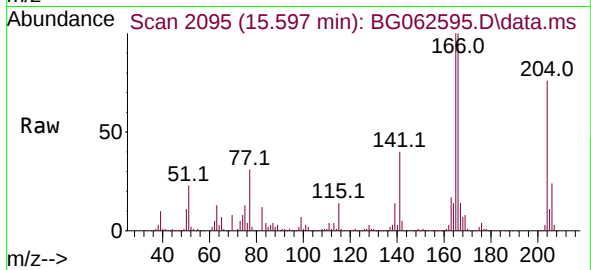
Tgt Ion:149 Resp: 787067
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.2
150 12.2 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 52.451 ng
RT: 15.597 min Scan# 2095
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

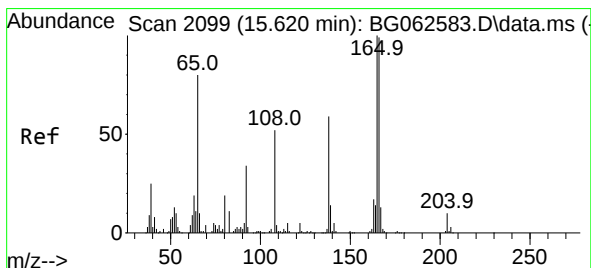
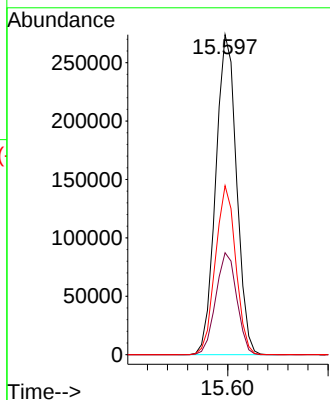
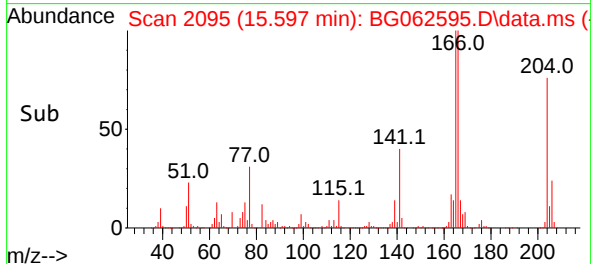
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



Tgt Ion:204 Resp: 39357
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.4
141 52.8 44.0 66.0

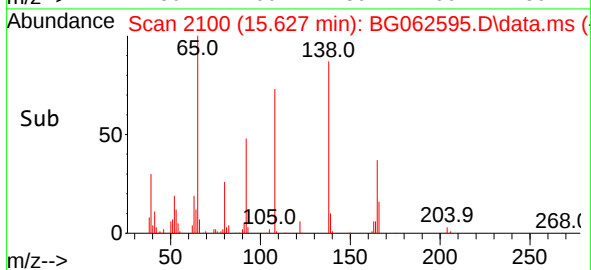
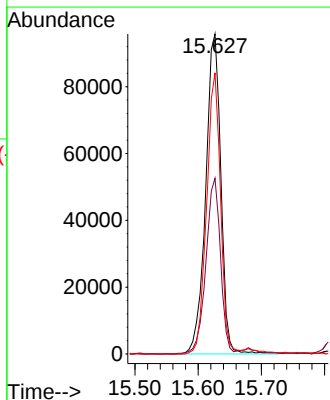
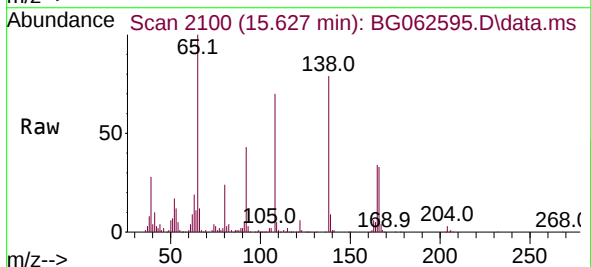
Manual Integrations
APPROVED

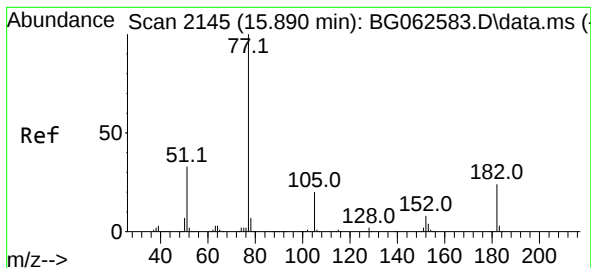
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#62
4-Nitroaniline
Concen: 63.894 ng
RT: 15.627 min Scan# 2100
Delta R.T. 0.007 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

Tgt Ion:138 Resp: 159717
Ion Ratio Lower Upper
138 100
92 54.9 37.6 77.6
108 87.9 68.3 108.3





#63

Azobenzene

Concen: 50.200 ng

RT: 15.891 min Scan# 2145

Delta R.T. 0.001 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

Instrument :

BNA_G

ClientSampleId :

MOO-SOIL-PILEMSD

Tgt Ion: 77 Resp: 741635

Ion Ratio Lower Upper

77 100

182 24.5 3.6 43.6

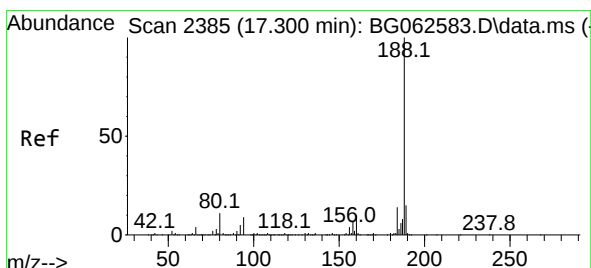
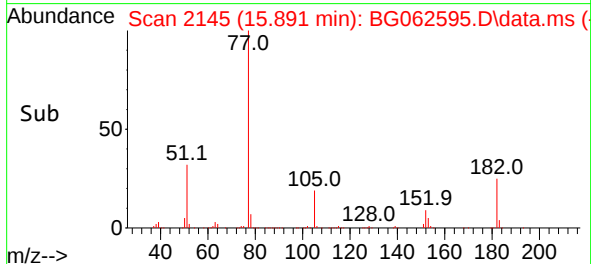
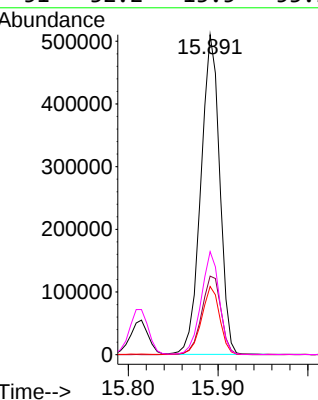
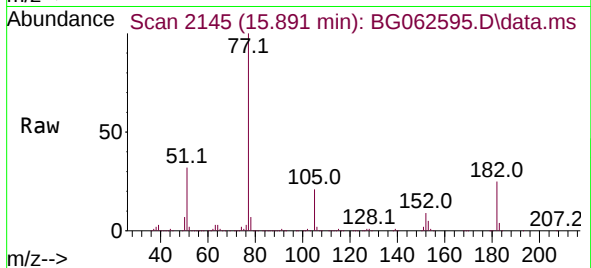
105 21.3 0.0 39.5

51 32.2 13.5 53.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.301 min Scan# 2385

Delta R.T. 0.001 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

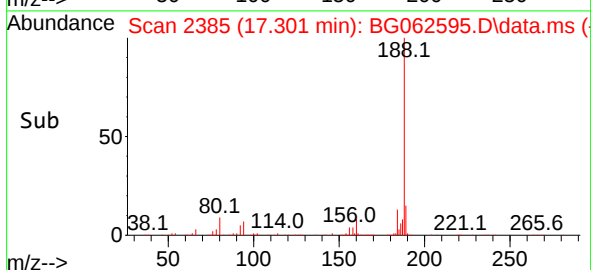
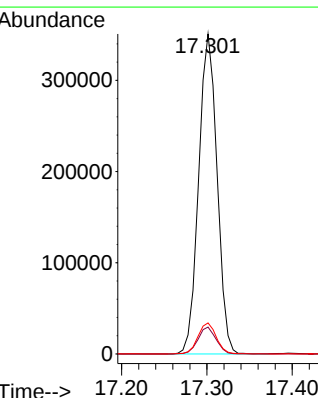
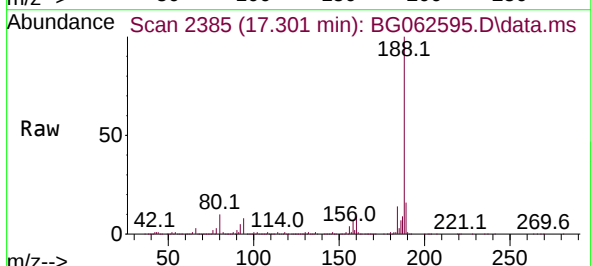
Tgt Ion:188 Resp: 526077

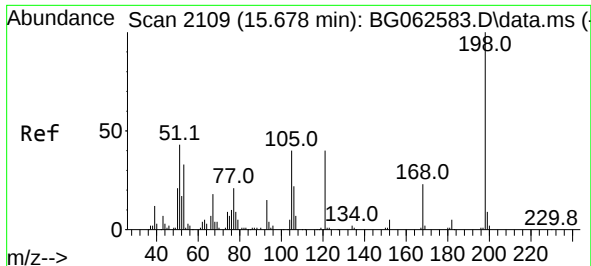
Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 9.7 8.4 12.6





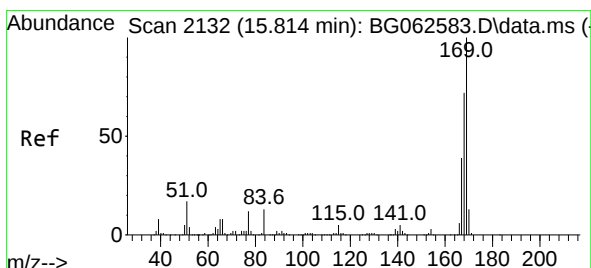
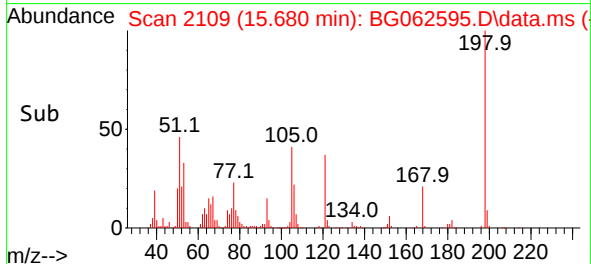
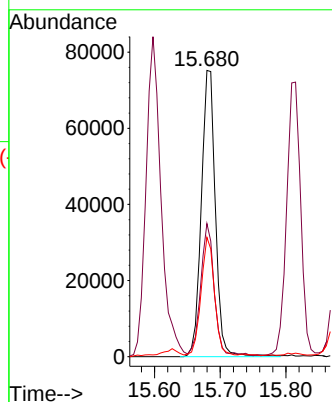
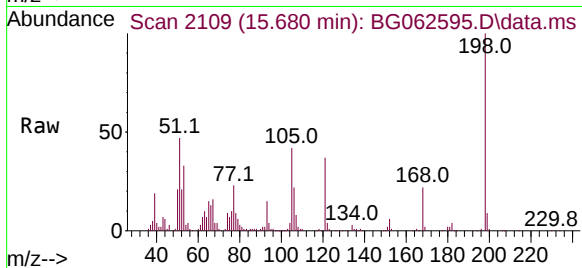
#65
4,6-Dinitro-2-methylphenol
Concen: 63.282 ng
RT: 15.680 min Scan# 2109
Delta R.T. 0.002 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD

Tgt Ion:198 Resp: 11262
Ion Ratio Lower Upper
198 100
51 46.5 25.9 65.9
105 41.7 20.8 60.8

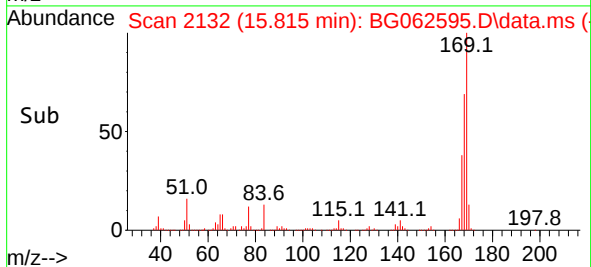
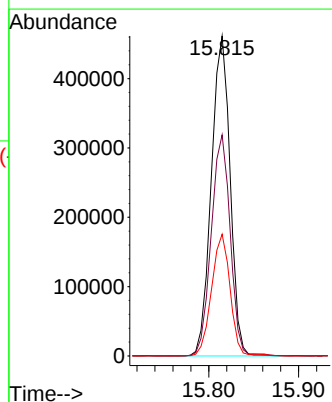
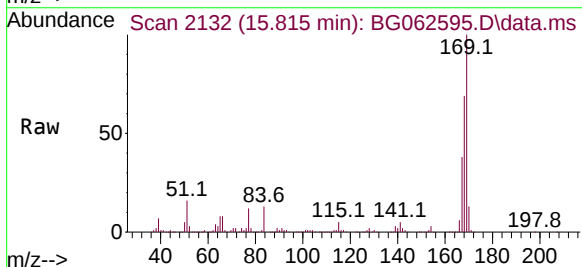
Manual Integrations
APPROVED

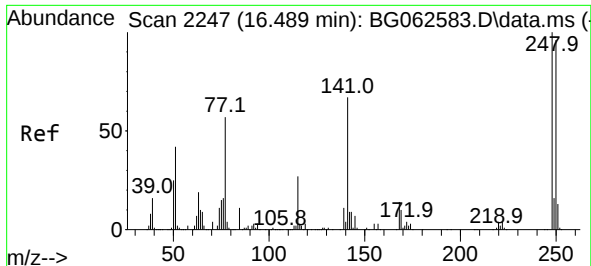
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#66
n-Nitrosodiphenylamine
Concen: 52.345 ng
RT: 15.815 min Scan# 2132
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

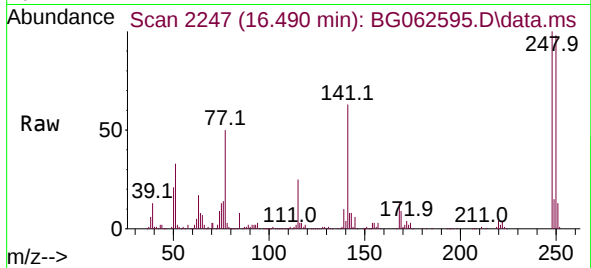
Tgt Ion:169 Resp: 668859
Ion Ratio Lower Upper
169 100
168 69.1 57.9 86.9
167 38.1 30.9 46.3





#67
4-Bromophenyl-phenylether
Concen: 53.275 ng
RT: 16.490 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

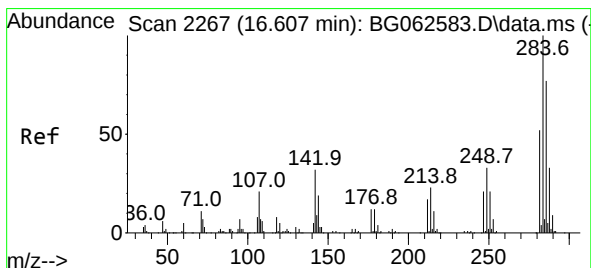
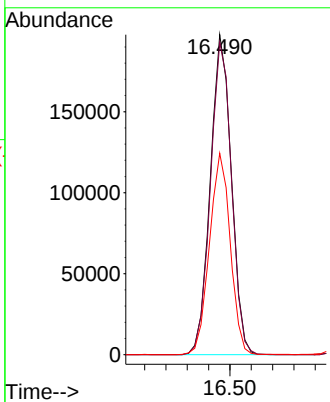
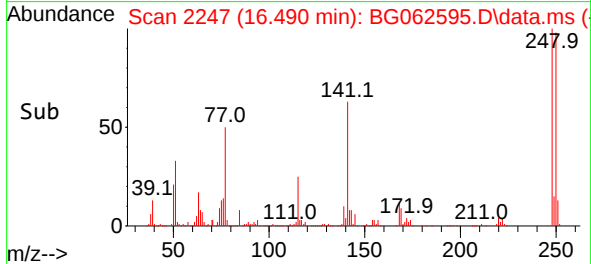
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



Tgt Ion:248 Resp: 26977
Ion Ratio Lower Upper
248 100
250 97.7 76.7 115.1
141 62.9 54.0 81.0

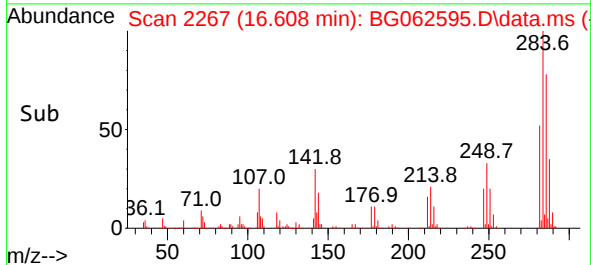
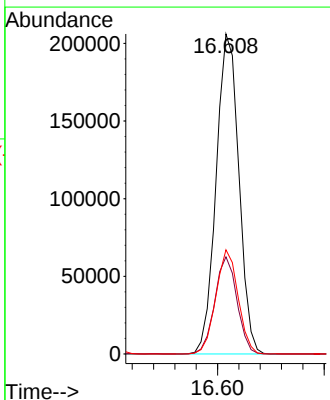
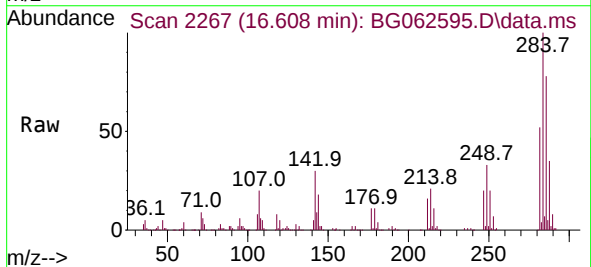
Manual Integrations
APPROVED

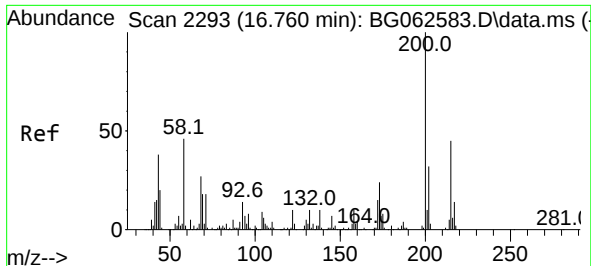
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#68
Hexachlorobenzene
Concen: 52.003 ng
RT: 16.608 min Scan# 2267
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

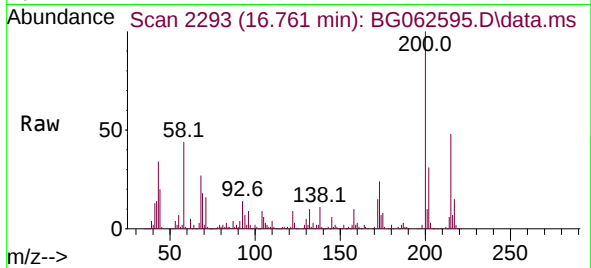
Tgt Ion:284 Resp: 304286
Ion Ratio Lower Upper
284 100
142 30.4 25.7 38.5
249 32.5 28.7 43.1





#69
 Atrazine
 Concen: 78.627 ng
 RT: 16.761 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG062595.D
 Acq: 28 Aug 2024 14:33

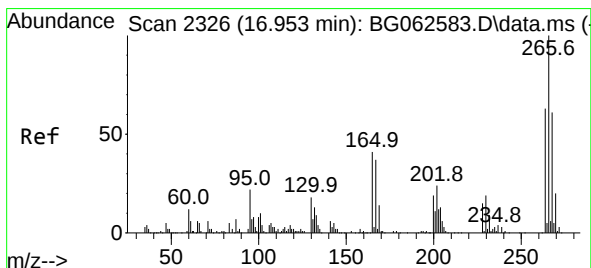
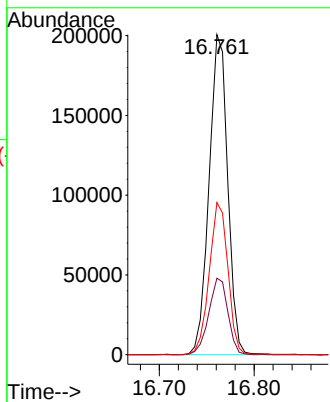
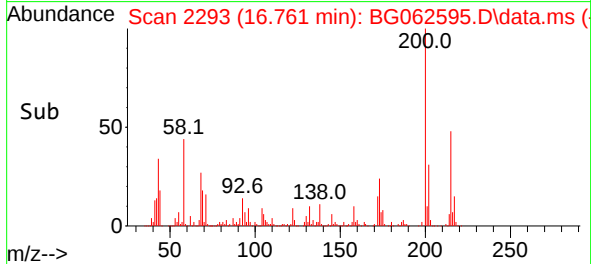
Instrument :
 BNA_G
 ClientSampleId :
 MOO-SOIL-PILEMSD



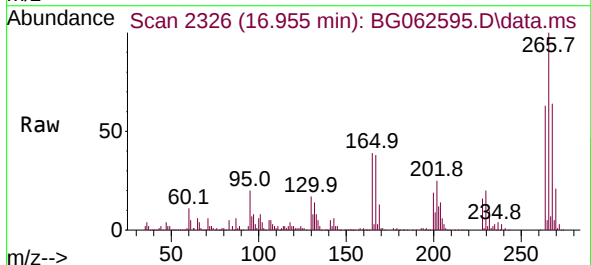
Tgt Ion:200 Resp: 27328
 Ion Ratio Lower Upper
 200 100
 173 23.9 3.7 43.7
 215 47.5 25.1 65.1

Manual Integrations
 APPROVED

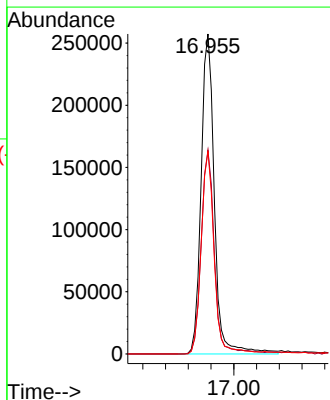
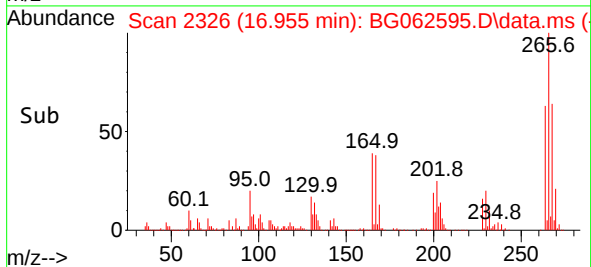
Reviewed By :Jagrut Upadhyay 08/29/2024
 Supervised By :mohammad ahmed 08/30/2024

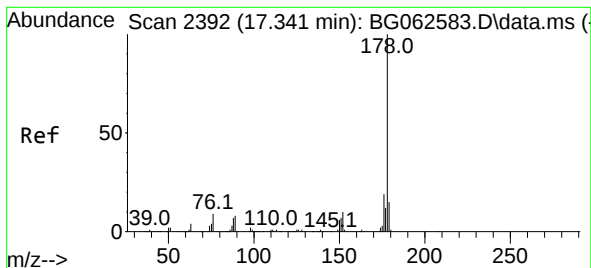


#70
 Pentachlorophenol
 Concen: 118.964 ng
 RT: 16.955 min Scan# 2326
 Delta R.T. 0.001 min
 Lab File: BG062595.D
 Acq: 28 Aug 2024 14:33



Tgt Ion:266 Resp: 417182
 Ion Ratio Lower Upper
 266 100
 268 63.6 53.1 79.7
 264 63.3 54.2 81.4





#71

Phenanthrene

Concen: 50.885 ng

RT: 17.342 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

Instrument :

BNA_G

ClientSampleId :

MOO-SOIL-PILEMSD

Tgt Ion:178 Resp: 128914

Ion Ratio Lower Upper

178 100

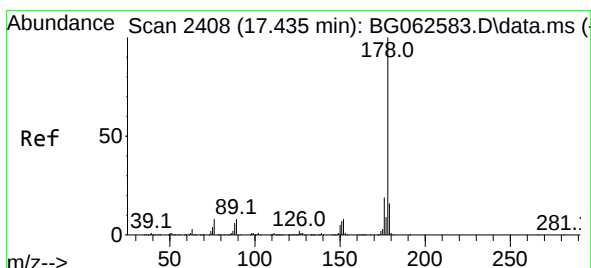
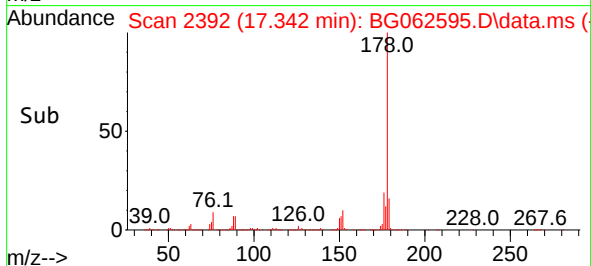
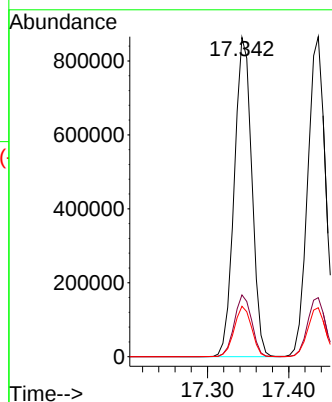
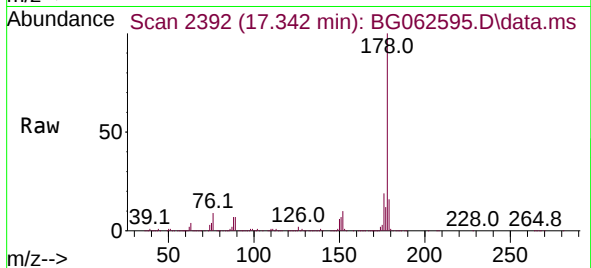
176 19.3 15.3 22.9

179 15.8 12.1 18.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#72

Anthracene

Concen: 53.145 ng

RT: 17.436 min Scan# 2408

Delta R.T. 0.001 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

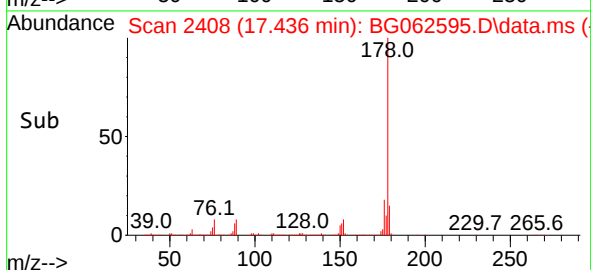
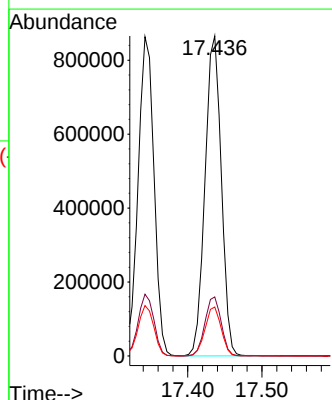
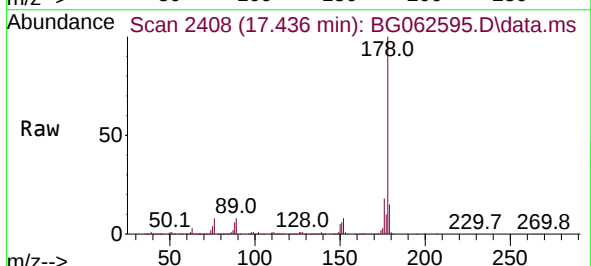
Tgt Ion:178 Resp: 1317344

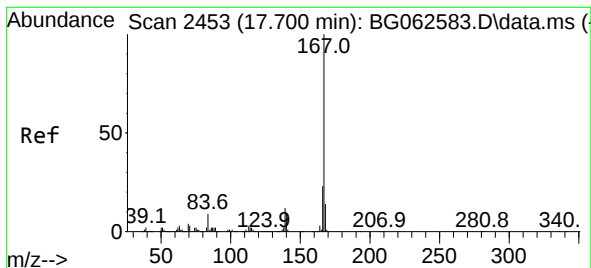
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

179 15.3 12.5 18.7





#73

Carbazole

Concen: 51.316 ng

RT: 17.701 min Scan# 2453

Delta R.T. 0.001 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

Instrument :

BNA_G

ClientSampleId :

MOO-SOIL-PILEMSD

Tgt Ion:167 Resp: 118011

Ion Ratio Lower Upper

167 100

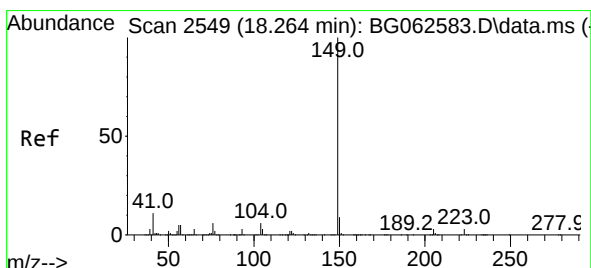
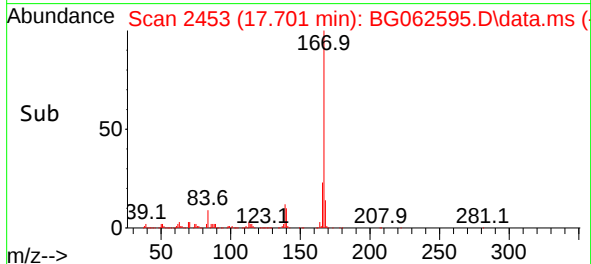
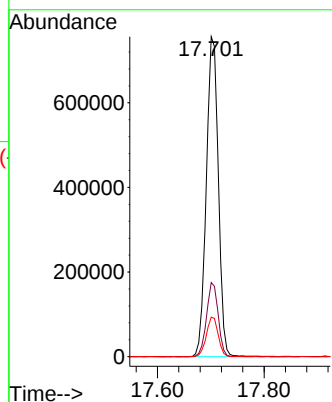
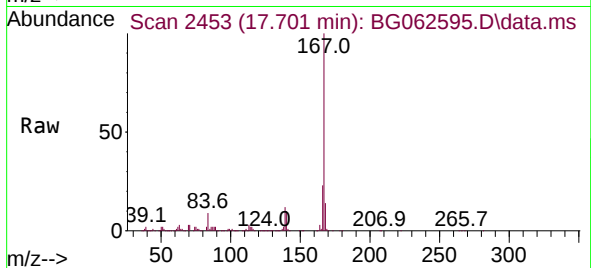
166 23.2 18.6 27.8

139 12.4 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#74

Di-n-butylphthalate

Concen: 68.177 ng

RT: 18.265 min Scan# 2549

Delta R.T. 0.001 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

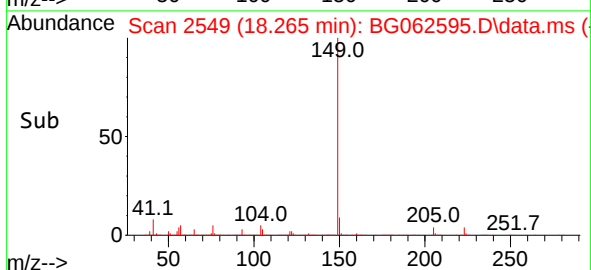
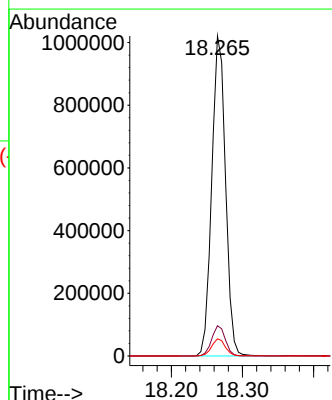
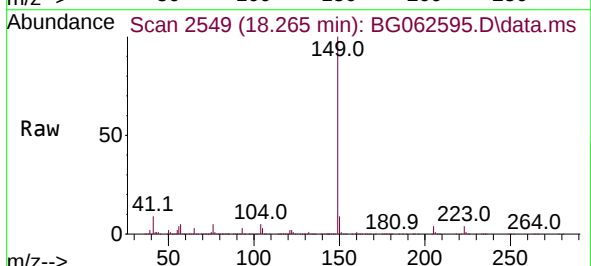
Tgt Ion:149 Resp: 1371664

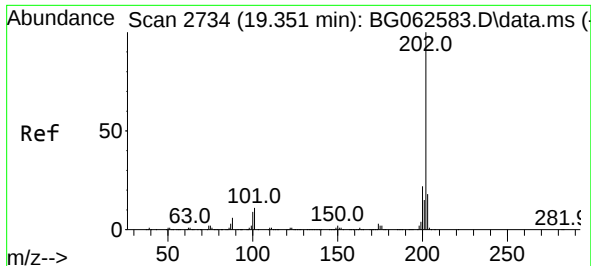
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

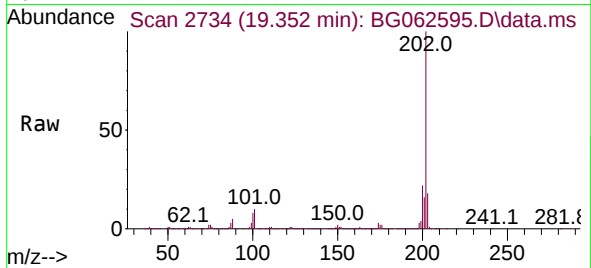
104 5.4 4.8 7.2





#75
Fluoranthene
Concen: 49.448 ng
RT: 19.352 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

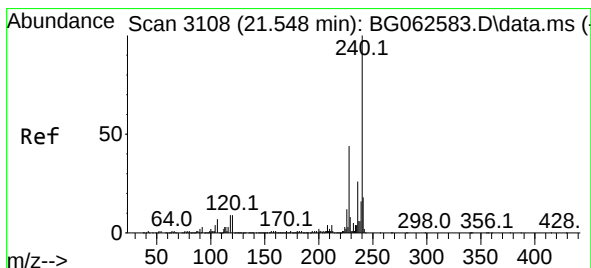
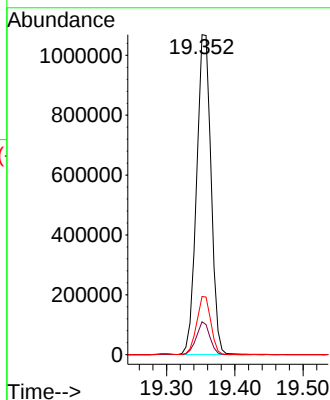
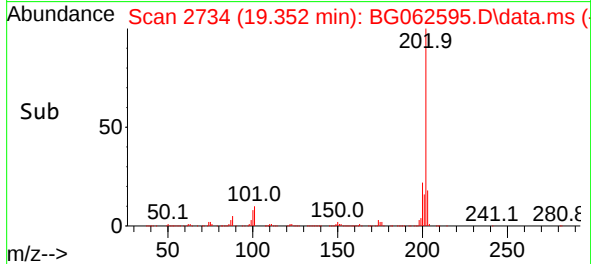
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



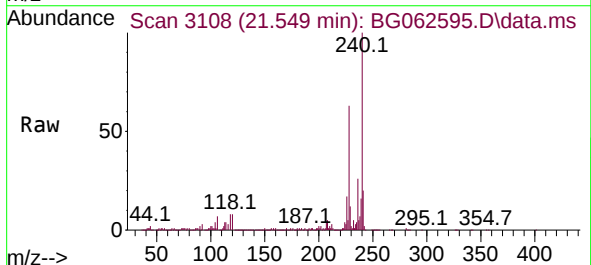
Tgt Ion:202 Resp: 156827
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.8
203 18.2 0.0 37.6

Manual Integrations
APPROVED

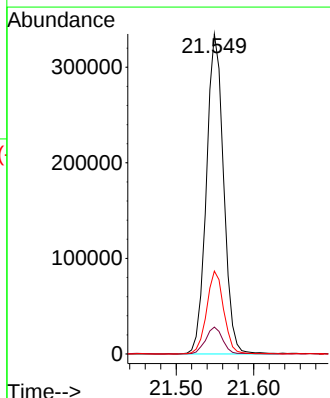
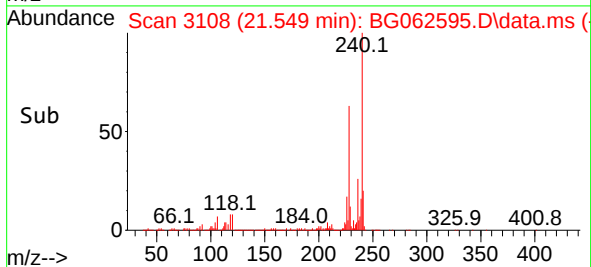
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

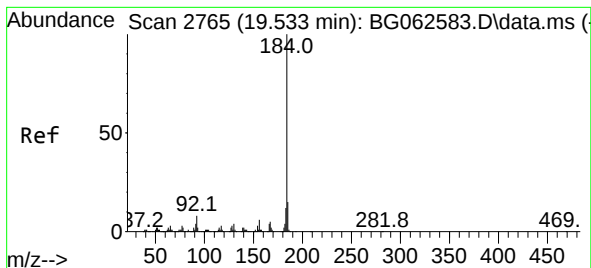


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.549 min Scan# 3108
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33



Tgt Ion:240 Resp: 515714
Ion Ratio Lower Upper
240 100
120 8.4 7.4 11.0
236 25.9 20.5 30.7





#77

Benzidine

Concen: 20.380 ng m

RT: 19.540 min Scan# 2765

Delta R.T. 0.007 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

Instrument :

BNL_G

ClientSampleId :

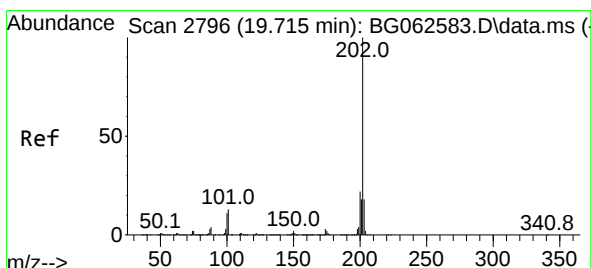
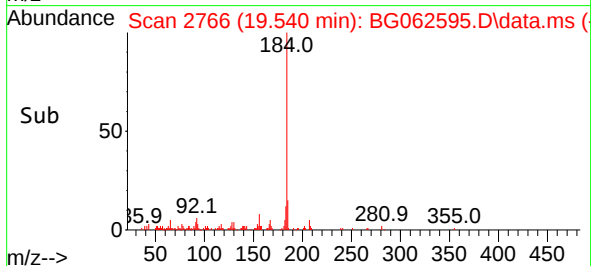
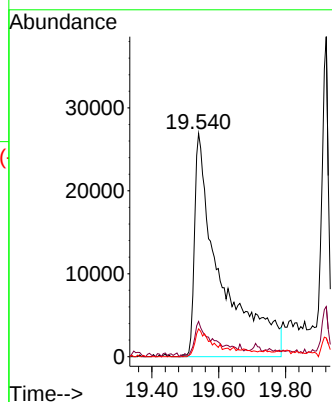
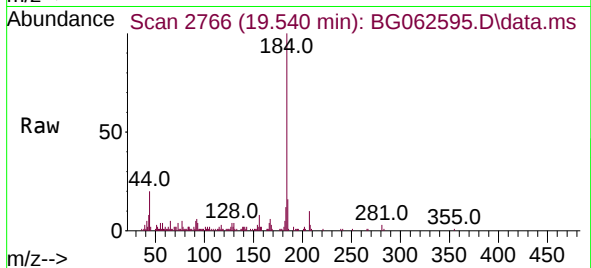
MOO-SOIL-PILEMSD

Tgt Ion:184 Resp: 145364
 Ion Ratio Lower Upper
 184 100
 185 15.8 11.8 17.8
 183 12.5 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
 Supervised By :mohammad ahmed 08/30/2024



#78

Pyrene

Concen: 50.518 ng

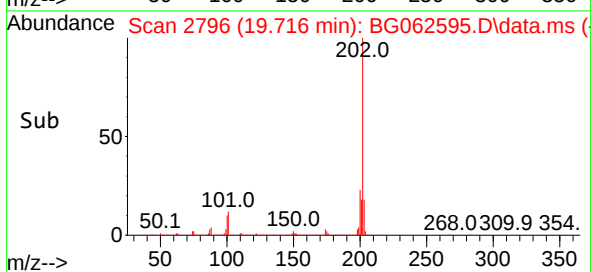
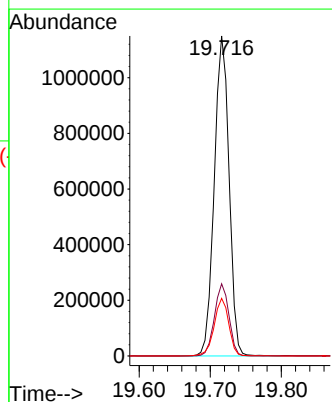
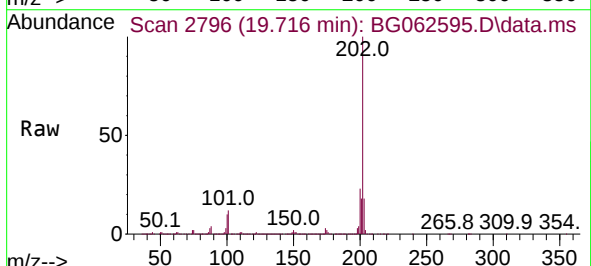
RT: 19.716 min Scan# 2796

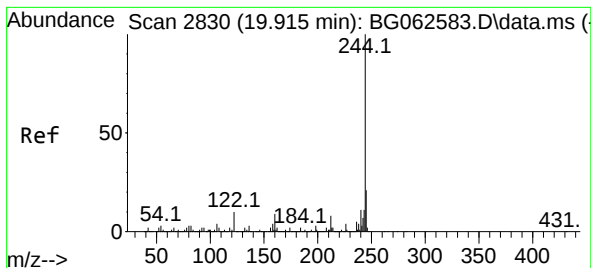
Delta R.T. 0.001 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

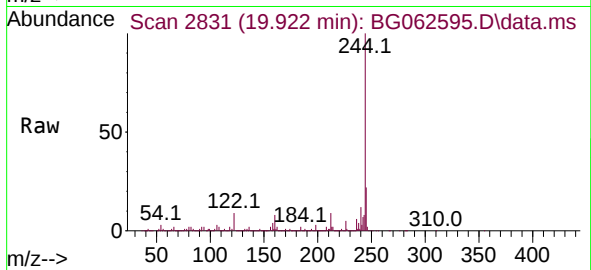
Tgt Ion:202 Resp: 1656419
 Ion Ratio Lower Upper
 202 100
 200 22.6 17.7 26.5
 203 18.0 14.3 21.5





#79
 Terphenyl-d14
 Concen: 103.547 ng
 RT: 19.922 min Scan# 2831
 Delta R.T. 0.007 min
 Lab File: BG062595.D
 Acq: 28 Aug 2024 14:33

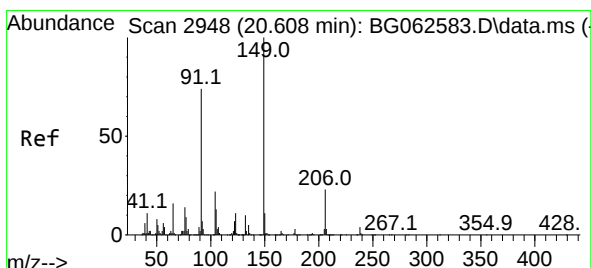
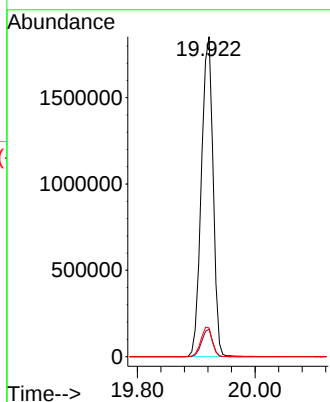
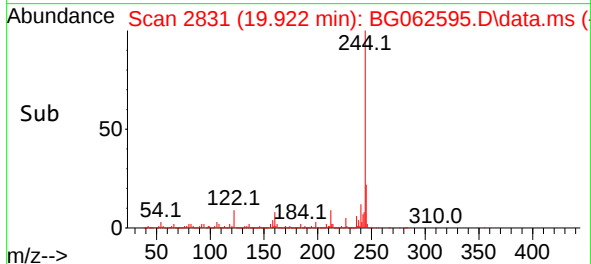
Instrument :
 BNA_G
 ClientSampleId :
 MOO-SOIL-PILEMSD



Tgt Ion:244 Resp: 255414
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.7 10.1
 122 9.0 8.4 12.6

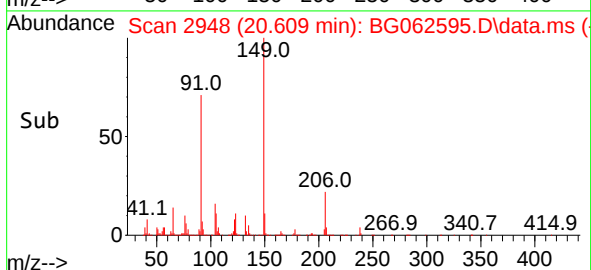
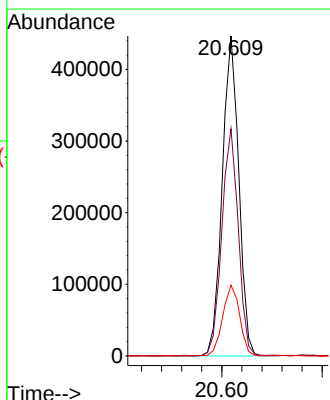
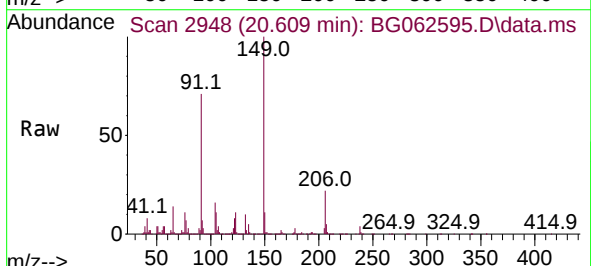
Manual Integrations
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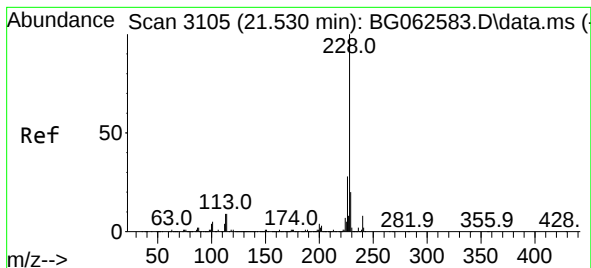
Reviewed By :Jagrut Upadhyay 08/29/2024
 Supervised By :mohammad ahmed 08/30/2024



#80
 Butylbenzylphthalate
 Concen: 66.824 ng
 RT: 20.609 min Scan# 2948
 Delta R.T. 0.001 min
 Lab File: BG062595.D
 Acq: 28 Aug 2024 14:33

Tgt Ion:149 Resp: 509559
 Ion Ratio Lower Upper
 149 100
 91 71.0 59.0 88.6
 206 22.1 18.5 27.7





#81

Benzo(a)anthracene

Concen: 51.334 ng

RT: 21.532 min Scan# 3105

Delta R.T. 0.001 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

Instrument :

BNA_G

ClientSampleId :

MOO-SOIL-PILEMSD

Tgt Ion:228 Resp: 168605

Ion Ratio Lower Upper

228 100

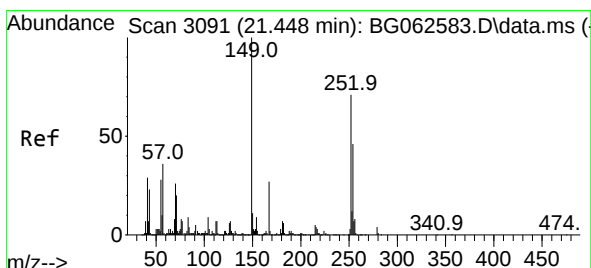
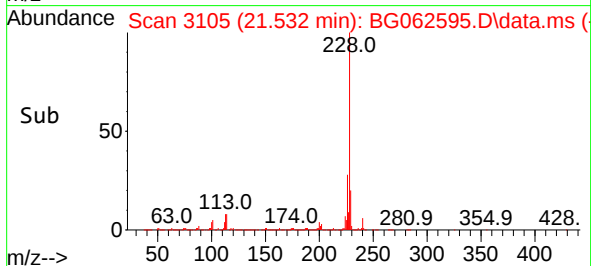
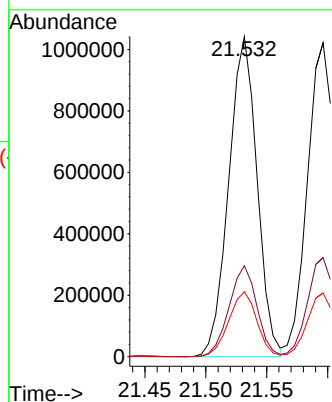
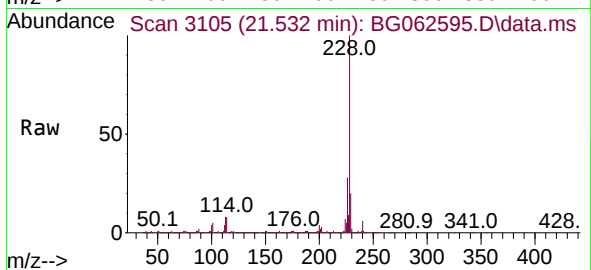
226 28.4 22.6 33.8

229 20.3 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#82

3,3'-Dichlorobenzidine

Concen: 32.985 ng

RT: 21.449 min Scan# 3091

Delta R.T. 0.001 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

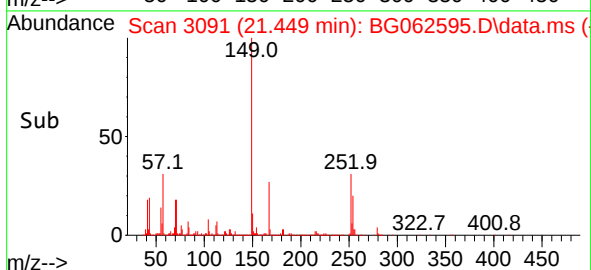
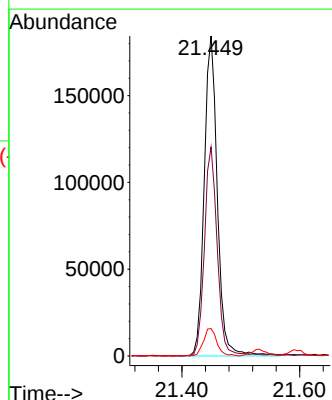
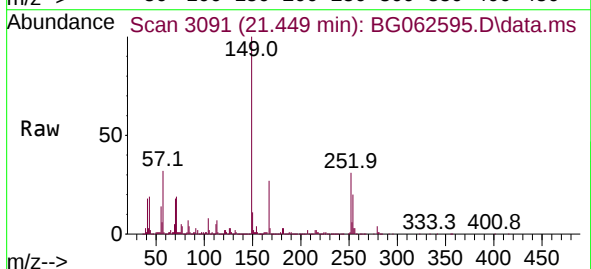
Tgt Ion:252 Resp: 286564

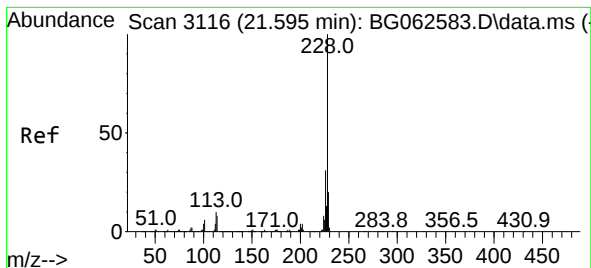
Ion Ratio Lower Upper

252 100

254 65.3 51.4 77.0

126 8.5 7.1 10.7





#83

Chrysene

Concen: 50.656 ng

RT: 21.596 min Scan# 3116

Delta R.T. 0.001 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

Instrument :

BNA_G

ClientSampleId :

MOO-SOIL-PILEMSD

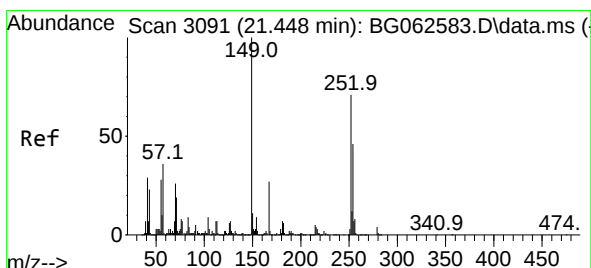
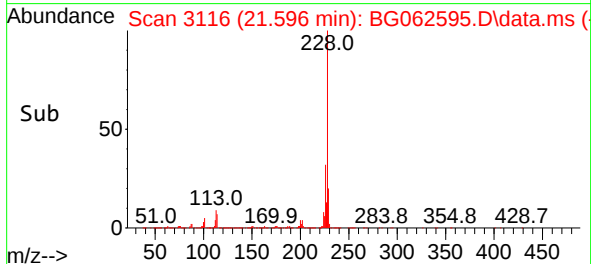
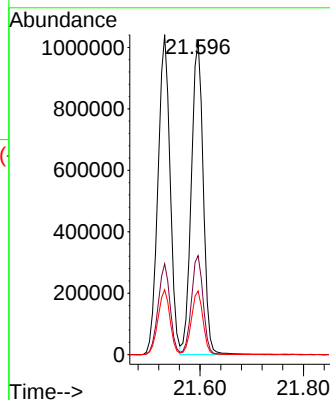
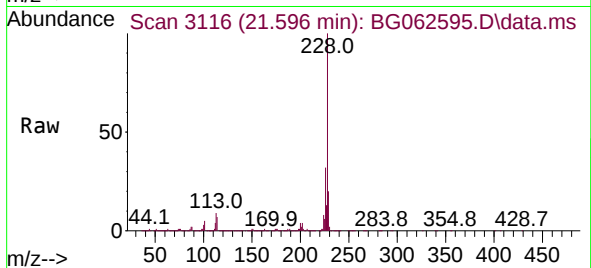
Tgt Ion:228 Resp: 162801

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.6	37.0
229	20.3	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 75.278 ng

RT: 21.449 min Scan# 3091

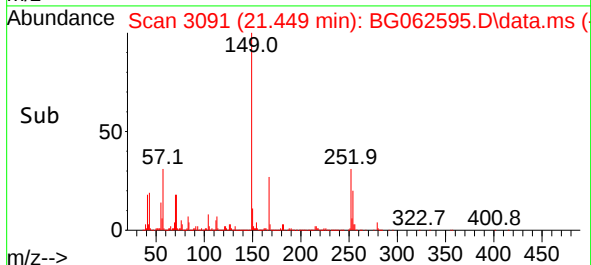
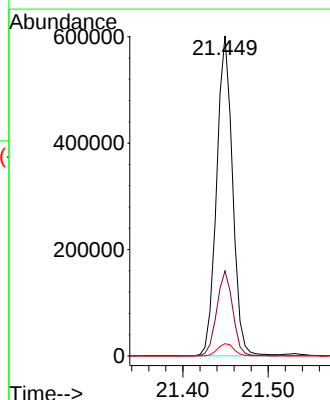
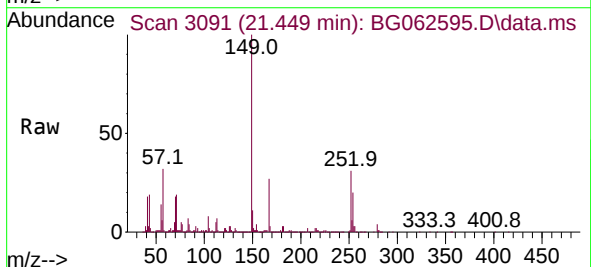
Delta R.T. 0.001 min

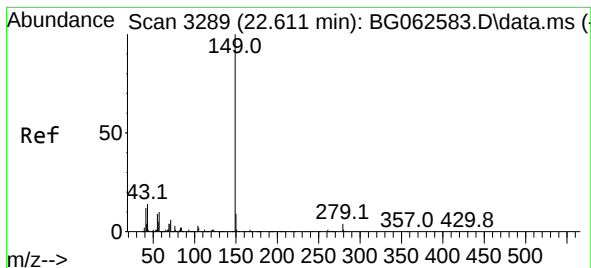
Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

Tgt Ion:149 Resp: 781303

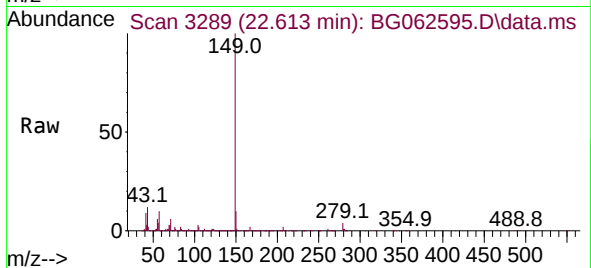
Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.9	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 72.441 ng
RT: 22.613 min Scan# 3289
Delta R.T. 0.002 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33

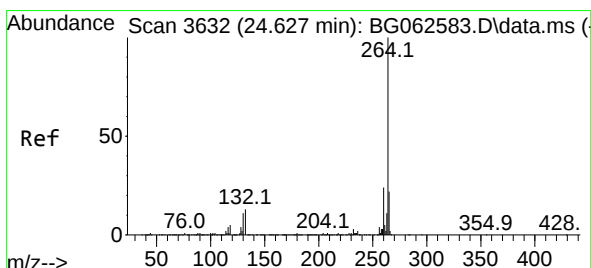
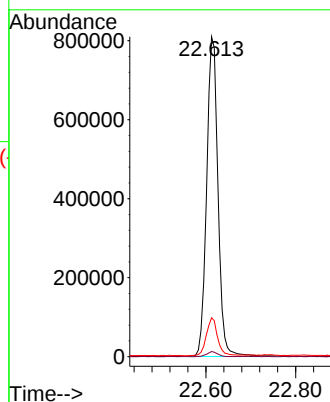
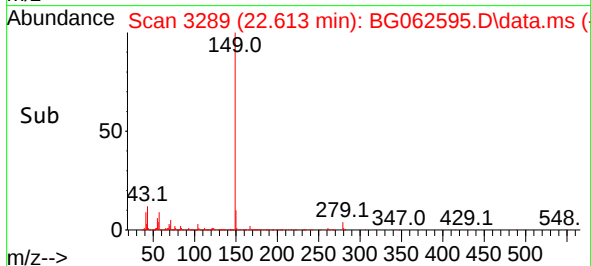
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMSD



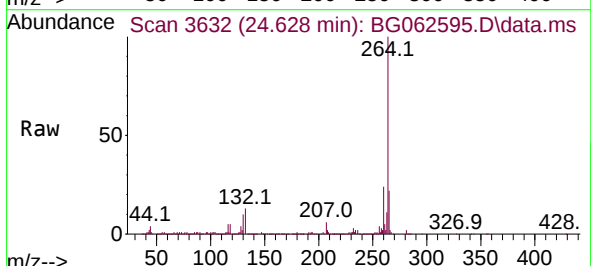
Tgt Ion:149 Resp: 141959
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.8 12.7 19.1

Manual Integrations
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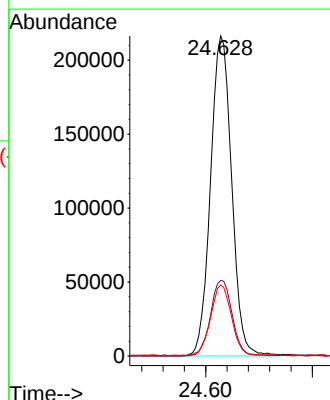
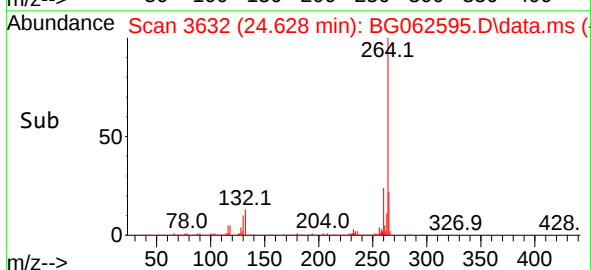
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

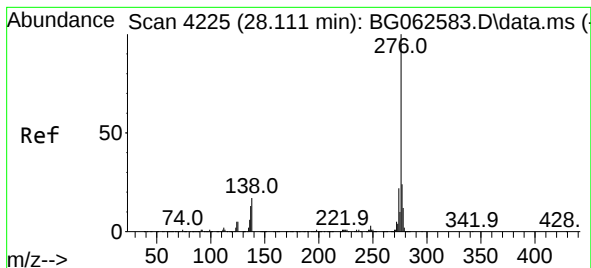


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.628 min Scan# 3632
Delta R.T. 0.001 min
Lab File: BG062595.D
Acq: 28 Aug 2024 14:33



Tgt Ion:264 Resp: 595783
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 22.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.441 ng

RT: 28.118 min Scan# 4225

Delta R.T. 0.007 min

Lab File: BG062595.D

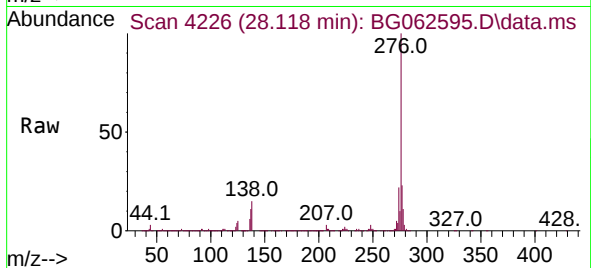
Acq: 28 Aug 2024 14:33

Instrument :

BNA_G

ClientSampleId :

MOO-SOIL-PILEMSD



Tgt Ion:276 Resp: 212050

Ion Ratio Lower Upper

276 100

138 19.3 12.6 18.8

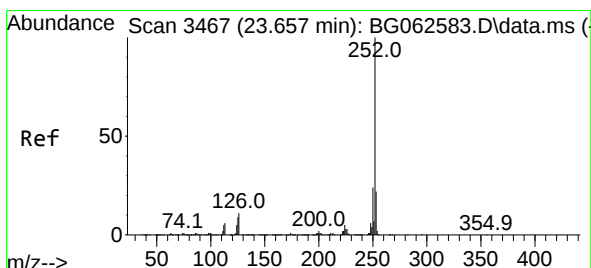
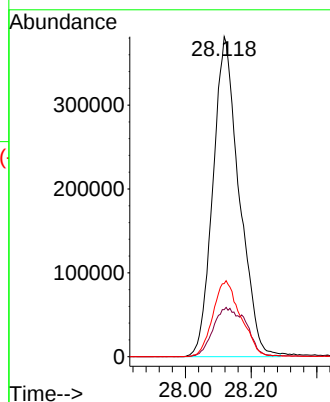
277 25.2 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024

Supervised By :mohammad ahmed 08/30/2024



#88

Benzo(b)fluoranthene

Concen: 50.406 ng

RT: 23.659 min Scan# 3467

Delta R.T. 0.001 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

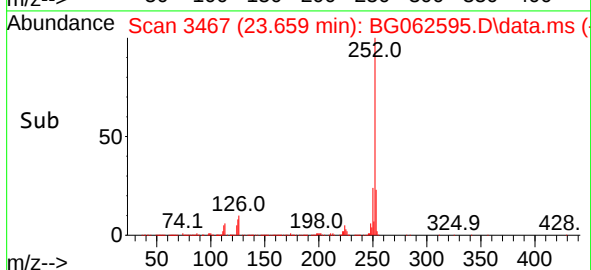
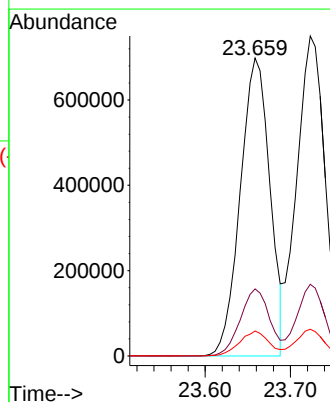
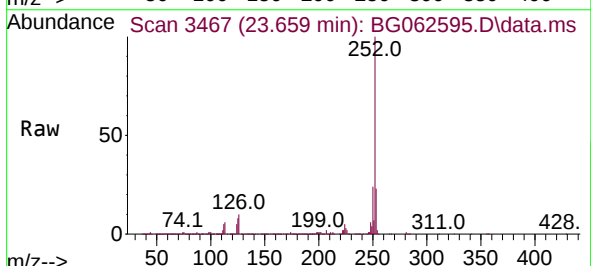
Tgt Ion:252 Resp: 1682046

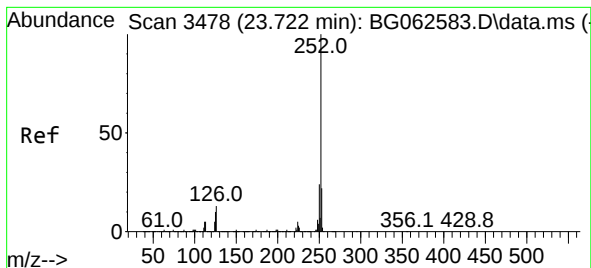
Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 8.4 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 52.889 ng

RT: 23.723 min Scan# 3478

Delta R.T. 0.001 min

Lab File: BG062595.D

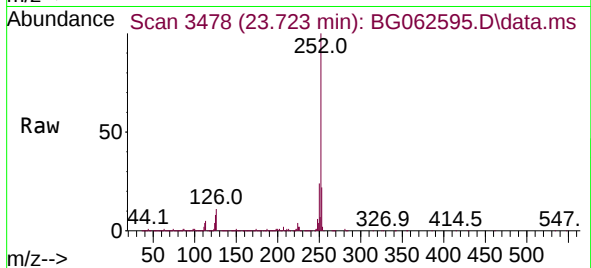
Acq: 28 Aug 2024 14:33

Instrument :

BNA_G

ClientSampleId :

MOO-SOIL-PILEMSD



Tgt Ion:252 Resp: 175109

Ion Ratio Lower Upper

252 100

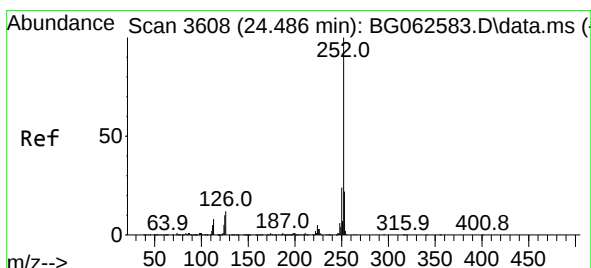
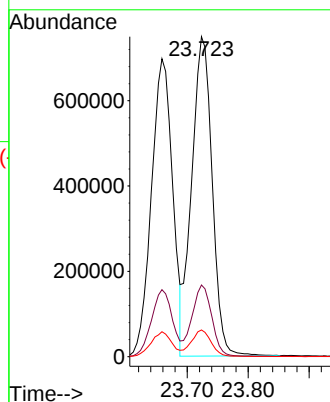
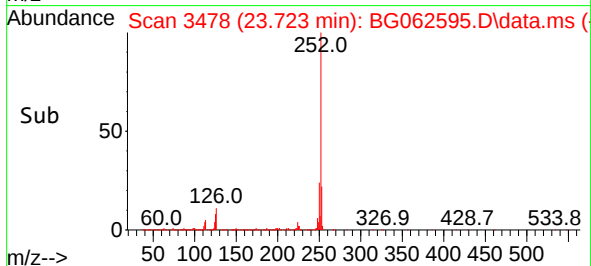
253 22.4 17.7 26.5

125 8.4 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#90

Benzo(a)pyrene

Concen: 55.670 ng

RT: 24.487 min Scan# 3608

Delta R.T. 0.001 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

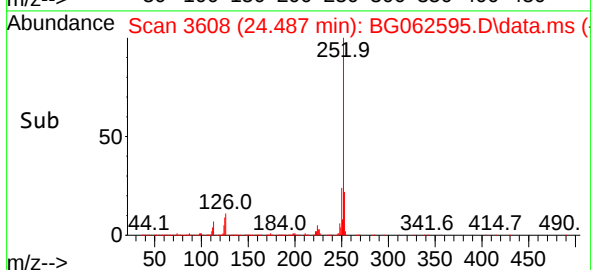
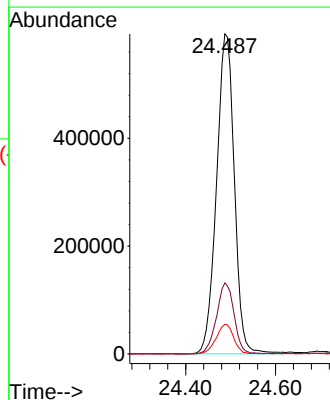
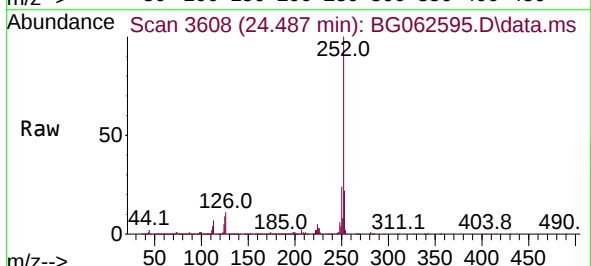
Tgt Ion:252 Resp: 1633146

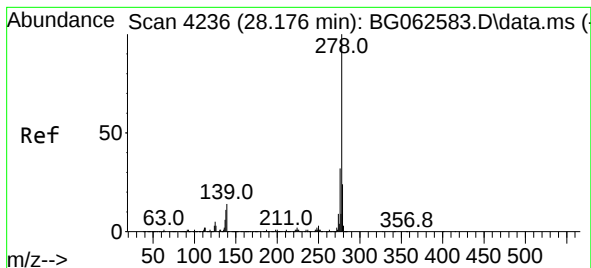
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 9.3 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 55.968 ng

RT: 28.177 min Scan# 41

Delta R.T. 0.001 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

Instrument :

BNA_G

ClientSampleId :

MOO-SOIL-PILEMSD

Tgt Ion:278 Resp: 1737710

Ion Ratio Lower Upper

278 100

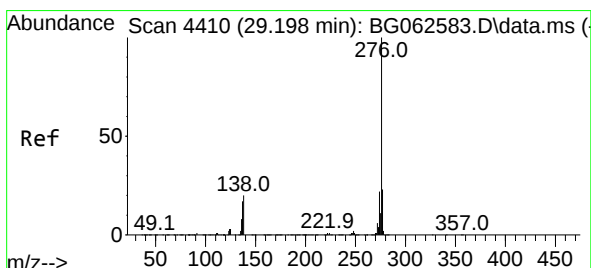
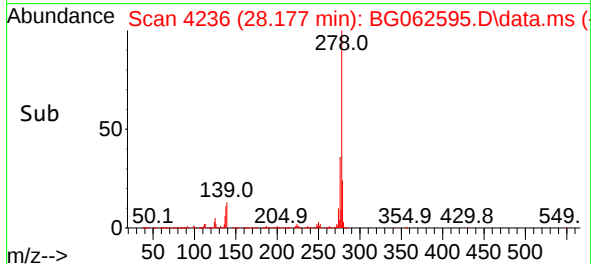
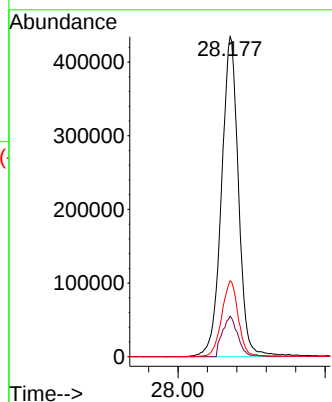
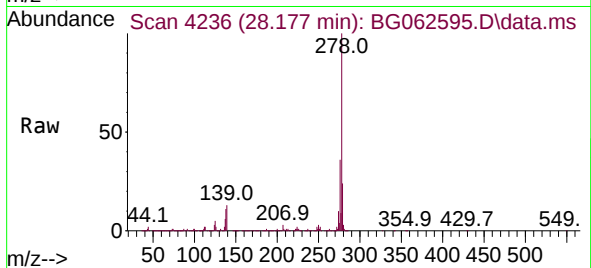
139 12.7 11.1 16.7

279 23.7 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#92

Benzo(g,h,i)perylene

Concen: 50.647 ng

RT: 29.211 min Scan# 4412

Delta R.T. 0.013 min

Lab File: BG062595.D

Acq: 28 Aug 2024 14:33

Tgt Ion:276 Resp: 1598644

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 16.6 15.8 23.6

