

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
 Data File : BG061055.D
 Acq On : 29 Apr 2024 20:32
 Operator : MA/JU
 Sample : P2230-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SOILMSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: Apr 30 01:23:19 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 22 04:22:00 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	22565	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	95442	20.000	ng	# 0.00
39) Acenaphthene-d10	14.568	164	84564	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	211507	20.000	ng	0.00
76) Chrysene-d12	21.578	240	208491	20.000	ng	0.00
86) Perylene-d12	24.698	264	247153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	148445	133.068	ng	0.00
7) Phenol-d6	7.118	99	193481	116.894	ng	0.00
23) Nitrobenzene-d5	9.098	82	157112	73.960	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	224323	120.801	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	494718	80.968	ng	0.00
79) Terphenyl-d14	19.938	244	1071249	79.755	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	13783	35.700	ng	# 20
3) Pyridine	3.846	79	29519	24.735	ng	93
4) n-Nitrosodimethylamine	3.752	42	46368	43.199	ng	# 100
6) Aniline	7.265	93	28104	14.127	ng	97
8) 2-Chlorophenol	7.512	128	62139	44.705	ng	96
9) Benzaldehyde	7.071	77	2132	2.504	ng	# 73
10) Phenol	7.142	94	69000	41.959	ng	97
11) bis(2-Chloroethyl)ether	7.365	93	46939	39.896	ng	97
12) 1,3-Dichlorobenzene	7.829	146	62591	40.606	ng	98
13) 1,4-Dichlorobenzene	7.976	146	66575	41.931	ng	97
14) 1,2-Dichlorobenzene	8.293	146	64450	41.535	ng	96
15) Benzyl Alcohol	8.182	79	71620	45.829	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.458	45	112479	43.917	ng	99
17) 2-Methylphenol	8.387	107	55217	41.585	ng	97
18) Hexachloroethane	9.022	117	23646	41.331	ng	98
19) n-Nitroso-di-n-propyla...	8.746	70	52453	42.523	ng	98
20) 3+4-Methylphenols	8.716	107	78401	42.219	ng	97
22) Acetophenone	8.757	105	105739	39.676	ng	# 99
24) Nitrobenzene	9.139	77	78548	38.480	ng	96
25) Isophorone	9.662	82	147999	41.630	ng	98
26) 2-Nitrophenol	9.850	139	39867	41.556	ng	97
27) 2,4-Dimethylphenol	9.915	122	53815	34.997	ng	97
28) bis(2-Chloroethoxy)met...	10.144	93	76820	41.077	ng	94
29) 2,4-Dichlorophenol	10.385	162	76123	42.893	ng	98
30) 1,2,4-Trichlorobenzene	10.602	180	82896	42.334	ng	94
31) Naphthalene	10.790	128	209793	40.150	ng	99
32) Benzoic acid	10.068	122	50395	43.013	ng	# 89
34) Hexachlorobutadiene	11.072	225	70198	40.764	ng	94
35) Caprolactam	11.742	113	22283m	39.419	ng	
36) 4-Chloro-3-methylphenol	12.030	107	91973	44.434	ng	93
37) 2-Methylnaphthalene	12.394	142	167794	40.842	ng	98
38) 1-Methylnaphthalene	12.612	142	155473	40.553	ng	98
40) 1,2,4,5-Tetrachloroben...	12.765	216	132849	44.207	ng	99
41) Hexachlorocyclopentadiene	12.747	237	145424	82.241	ng	97
43) 2,4,6-Trichlorophenol	13.005	196	90219	45.670	ng	99
44) 2,4,5-Trichlorophenol	13.082	196	99390	42.533	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
 Data File : BG061055.D
 Acq On : 29 Apr 2024 20:32
 Operator : MA/JU
 Sample : P2230-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SOILMSD

Manual Integrations

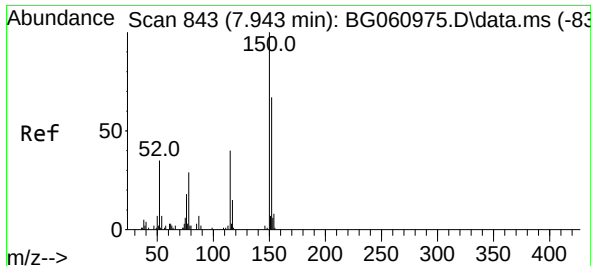
APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: Apr 30 01:23:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

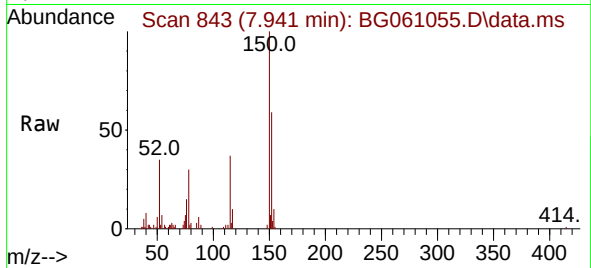
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.405	154	248768	43.673	ng	98
47) 2-Chloronaphthalene	13.446	162	191775	43.910	ng	98
48) 2-Nitroaniline	13.646	65	73275	41.571	ng	96
49) Acenaphthylene	14.292	152	324663	44.139	ng	99
50) Dimethylphthalate	14.028	163	301841	43.286	ng	99
51) 2,6-Dinitrotoluene	14.145	165	60783	41.775	ng	98
52) Acenaphthene	14.633	154	182370	40.804	ng	95
53) 3-Nitroaniline	14.474	138	21769	15.173	ng #	97
54) 2,4-Dinitrophenol	14.686	184	93540	97.380	ng	96
55) Dibenzofuran	14.974	168	322921	41.841	ng	98
56) 4-Nitrophenol	14.803	139	87683	85.307	ng	99
57) 2,4-Dinitrotoluene	14.938	165	92445	44.115	ng #	95
58) Fluorene	15.620	166	274262	42.102	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.203	232	129784	55.029	ng #	99
60) Diethylphthalate	15.397	149	292455	42.587	ng	97
61) 4-Chlorophenyl-phenyle...	15.614	204	162578	40.467	ng	98
62) 4-Nitroaniline	15.644	138	52218	33.754	ng	96
63) Azobenzene	15.908	77	232341	41.596	ng	98
65) 4,6-Dinitro-2-methylph...	15.702	198	63036	48.267	ng	97
66) n-Nitrosodiphenylamine	15.832	169	253238	43.458	ng	97
67) 4-Bromophenyl-phenylether	16.507	248	122024	43.715	ng	99
68) Hexachlorobenzene	16.625	284	145886	47.315	ng	98
69) Atrazine	16.783	200	101303	46.450	ng	95
70) Pentachlorophenol	16.983	266	905558	447.900	ng	97
71) Phenanthrene	17.365	178	467518	43.305	ng	99
72) Anthracene	17.453	178	466802	41.983	ng	97
73) Carbazole	17.723	167	399604	43.274	ng	99
74) Di-n-butylphthalate	18.287	149	480330	42.843	ng	99
75) Fluoranthene	19.374	202	598461	41.769	ng	99
78) Pyrene	19.733	202	612356	43.136	ng	99
80) Butylbenzylphthalate	20.632	149	204591	43.239	ng	98
81) Benzo(a)anthracene	21.560	228	653843	44.606	ng	99
82) 3,3'-Dichlorobenzidine	21.472	252	62977	11.888	ng #	99
83) Chrysene	21.625	228	614845	44.057	ng	100
84) Bis(2-ethylhexyl)phtha...	21.478	149	296224	43.061	ng	100
85) Di-n-octyl phthalate	22.665	149	499872	43.767	ng	100
87) Indeno(1,2,3-cd)pyrene	28.246	276	818834	47.759	ng #	98
88) Benzo(b)fluoranthene	23.716	252	650845	46.469	ng	98
89) Benzo(k)fluoranthene	23.781	252	636248	45.000	ng	99
90) Benzo(a)pyrene	24.557	252	593909	43.809	ng	99
91) Dibenzo(a,h)anthracene	28.311	278	660691	47.166	ng	100
92) Benzo(g,h,i)perylene	29.357	276	620903	44.705	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.941 min Scan# 84
 Delta R.T. -0.002 min
 Lab File: BG061055.D
 Acq: 29 Apr 2024 20:32

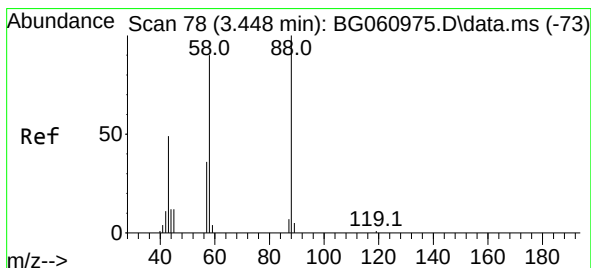
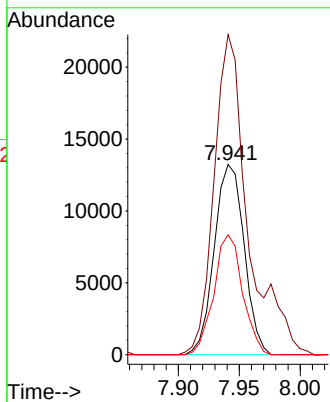
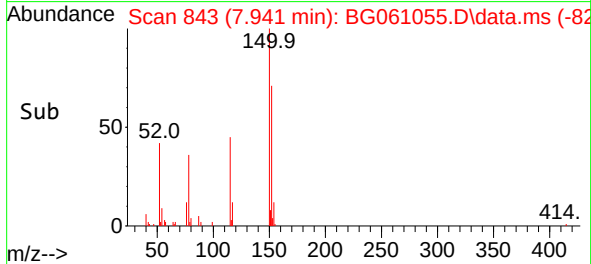
Instrument :
 BNA_G
 ClientSampleId :
 SOILMSD



Tgt Ion:152 Resp: 2256
 Ion Ratio Lower Upper
 152 100
 150 168.2 118.6 178.0
 115 63.0 47.4 71.0

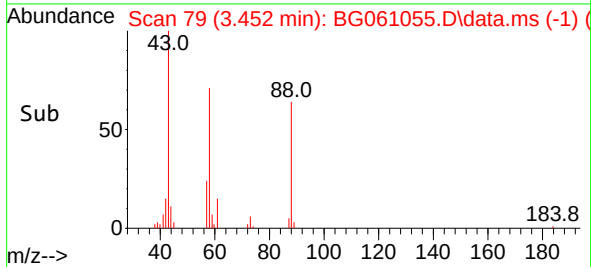
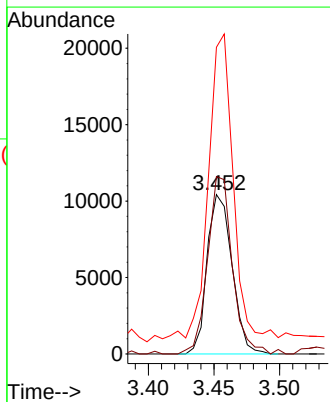
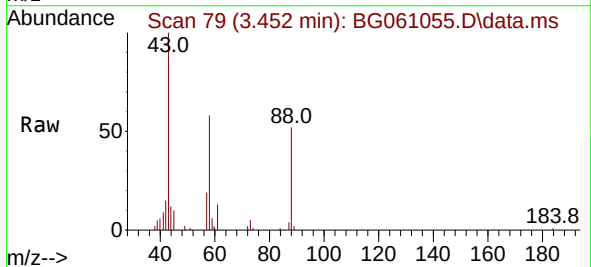
Manual Integrations
 APPROVED

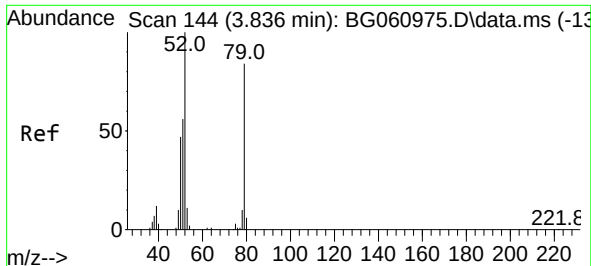
Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/03/2024



#2
 1,4-Dioxane
 Concen: 35.700 ng
 RT: 3.452 min Scan# 79
 Delta R.T. 0.004 min
 Lab File: BG061055.D
 Acq: 29 Apr 2024 20:32

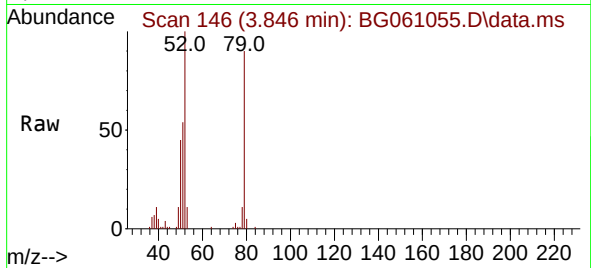
Tgt Ion: 88 Resp: 13783
 Ion Ratio Lower Upper
 88 100
 58 110.9 80.2 120.2
 43 204.5 43.4 65.0#





#3
Pyridine
Concen: 24.735 ng
RT: 3.846 min Scan# 144
Delta R.T. 0.010 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

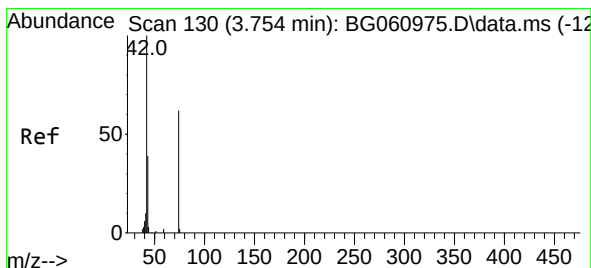
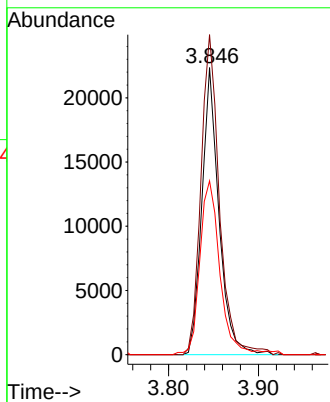
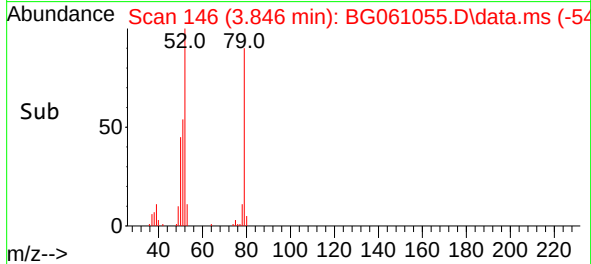
Instrument :
BNA_G
ClientSampleId :
SOILMSD



Tgt Ion: 79 Resp: 29519
Ion Ratio Lower Upper
79 100
52 111.5 95.0 142.6
51 60.5 53.3 79.9

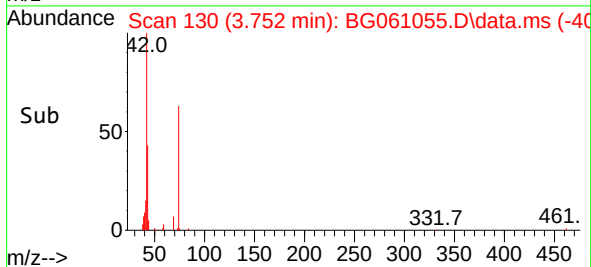
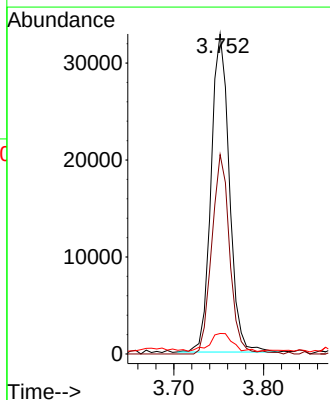
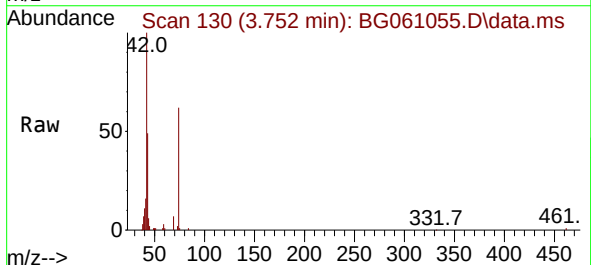
Manual Integrations
APPROVED

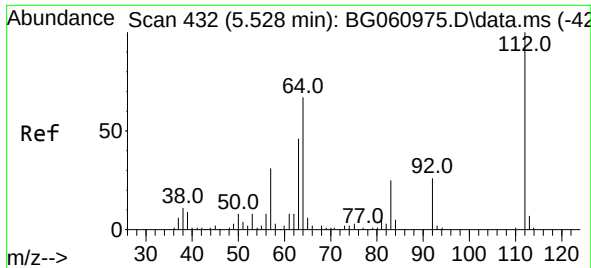
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#4
n-Nitrosodimethylamine
Concen: 43.199 ng
RT: 3.752 min Scan# 130
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Tgt Ion: 42 Resp: 46368
Ion Ratio Lower Upper
42 100
74 62.3 49.8 74.6
44 6.4 3.8 5.6





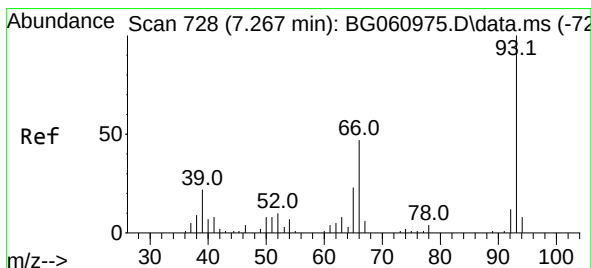
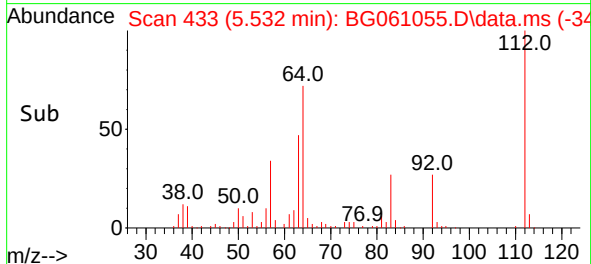
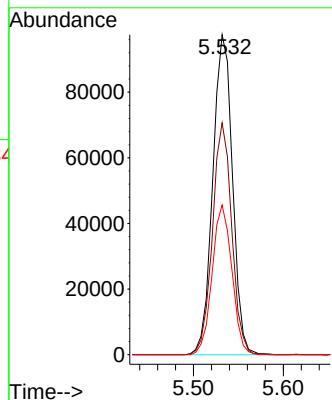
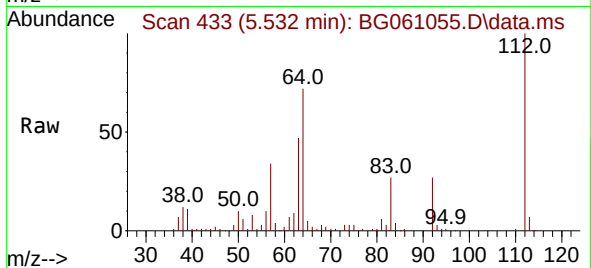
#5
2-Fluorophenol
Concen: 133.068 ng
RT: 5.532 min Scan# 411
Delta R.T. 0.004 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Instrument :
BNA_G
ClientSampleId :
SOILMSD

Tgt Ion:112 Resp: 148445
Ion Ratio Lower Upper
112 100
64 72.4 53.7 80.5
63 46.8 37.0 55.6

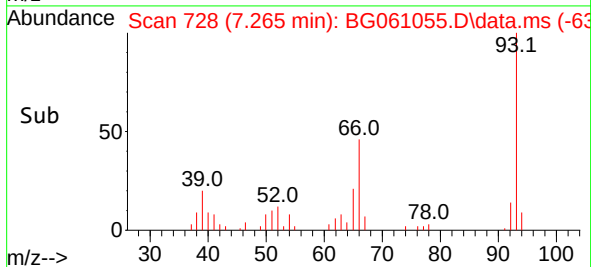
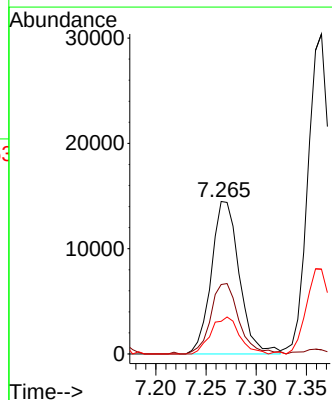
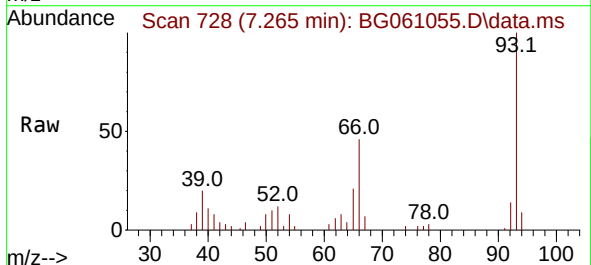
Manual Integrations
APPROVED

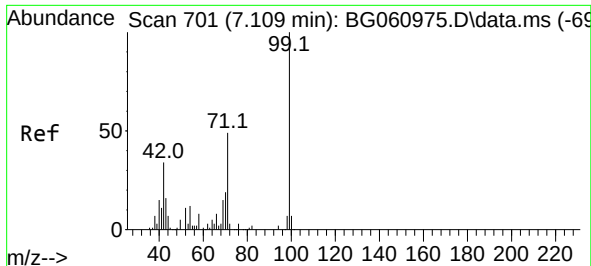
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#6
Aniline
Concen: 14.127 ng
RT: 7.265 min Scan# 728
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

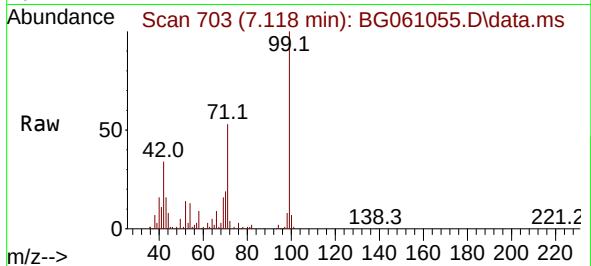
Tgt Ion: 93 Resp: 28104
Ion Ratio Lower Upper
93 100
66 45.6 37.9 56.9
65 21.4 18.2 27.4





#7
Phenol-d6
Concen: 116.894 ng
RT: 7.118 min Scan# 701
Delta R.T. 0.010 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

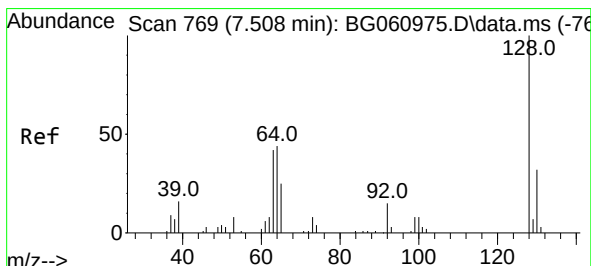
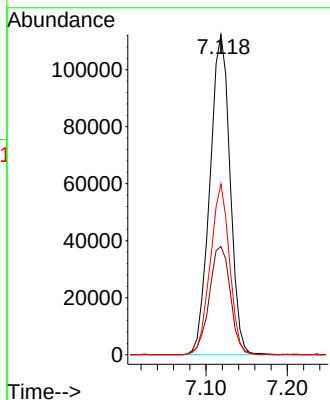
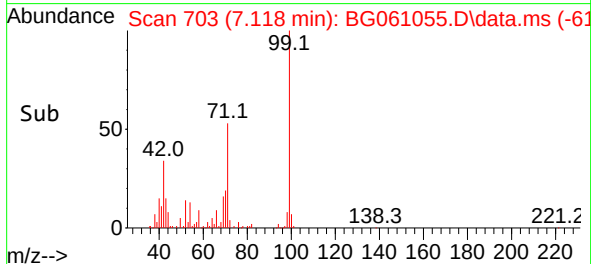
Instrument :
BNA_G
ClientSampleId :
SOILMSD



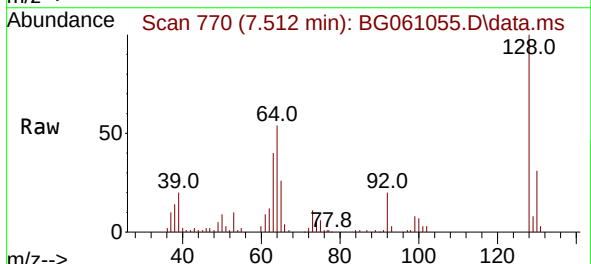
Tgt Ion: 99 Resp: 19348
Ion Ratio Lower Upper
99 100
42 33.8 27.2 40.8
71 53.4 38.8 58.2

Manual Integrations
APPROVED

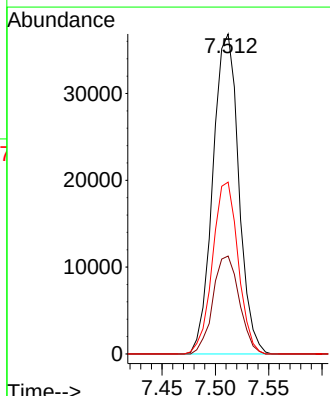
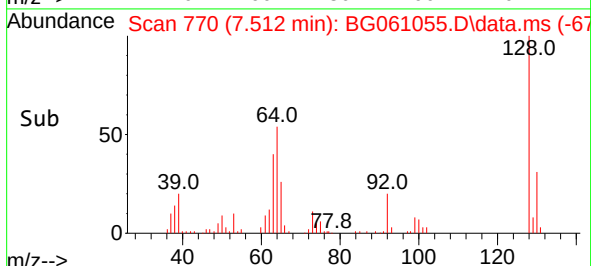
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

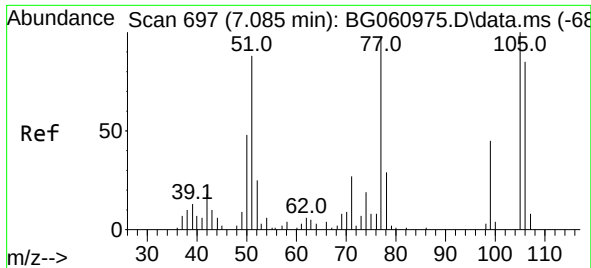


#8
2-Chlorophenol
Concen: 44.705 ng
RT: 7.512 min Scan# 770
Delta R.T. 0.004 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32



Tgt Ion:128 Resp: 62139
Ion Ratio Lower Upper
128 100
130 30.6 12.2 52.2
64 53.7 30.8 70.8





#9
Benzaldehyde
Concen: 2.504 ng
RT: 7.071 min Scan# 697
Delta R.T. -0.014 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

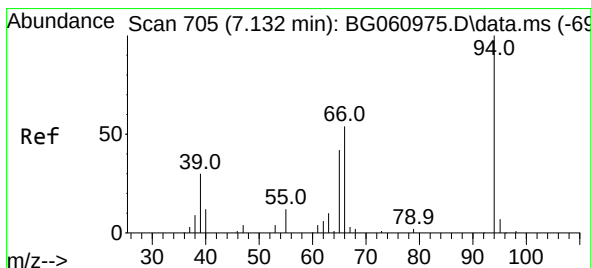
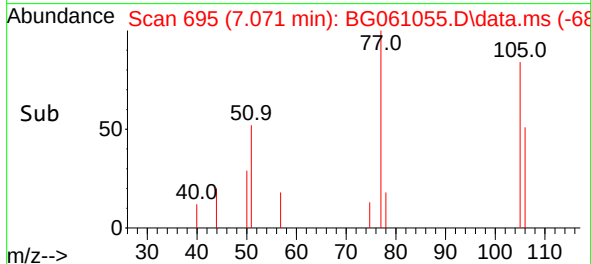
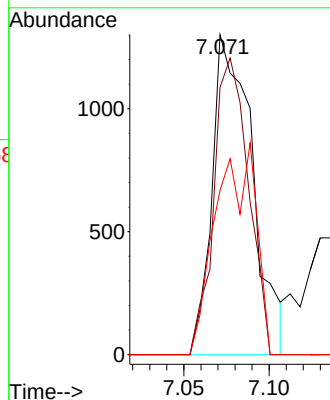
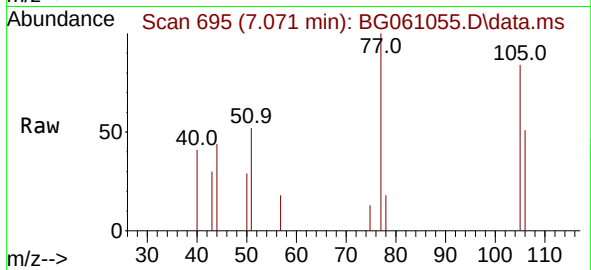
SOILMSD

Tgt Ion: 77 Resp: 213
Ion Ratio Lower Upper
77 100
105 83.6 81.7 121.7
106 51.3 66.7 106.7

Manual Integrations

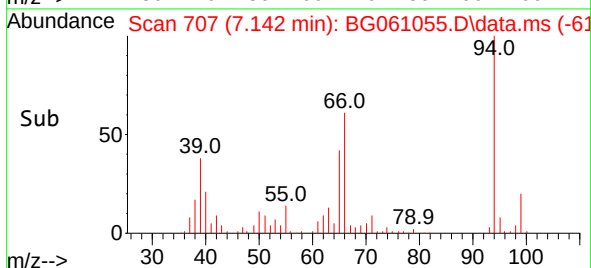
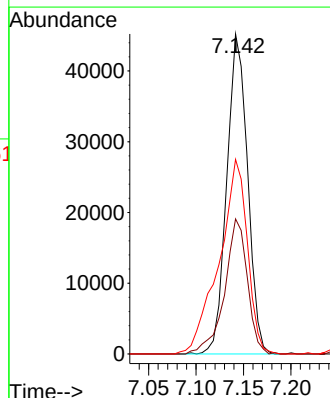
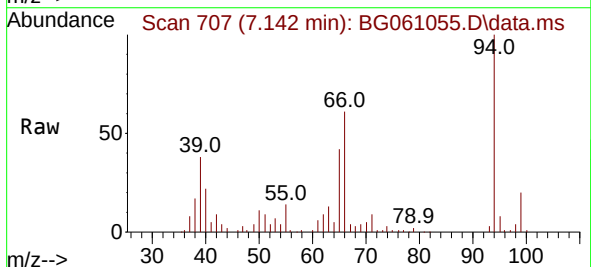
APPROVED

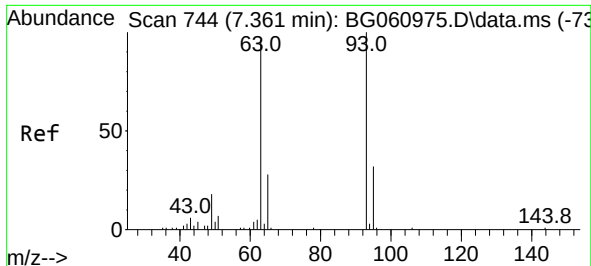
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#10
Phenol
Concen: 41.959 ng
RT: 7.142 min Scan# 707
Delta R.T. 0.010 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

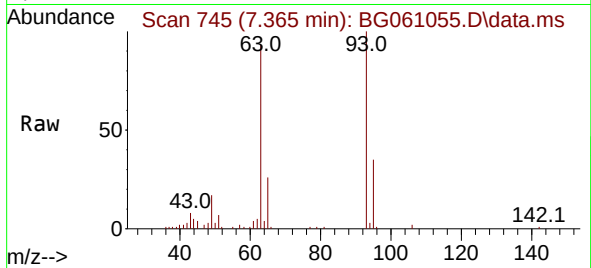
Tgt Ion: 94 Resp: 69000
Ion Ratio Lower Upper
94 100
65 42.2 23.1 63.1
66 60.8 38.0 78.0





#11
bis(2-Chloroethyl)ether
Concen: 39.896 ng
RT: 7.365 min Scan# 744
Delta R.T. 0.004 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

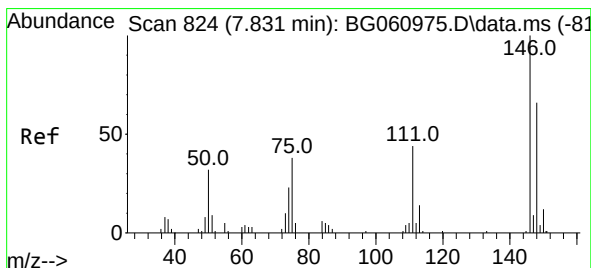
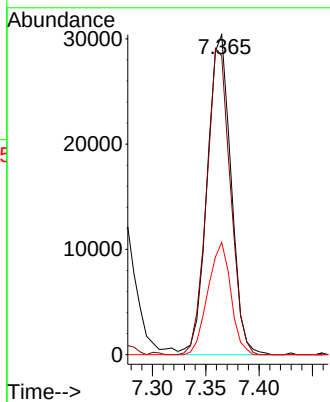
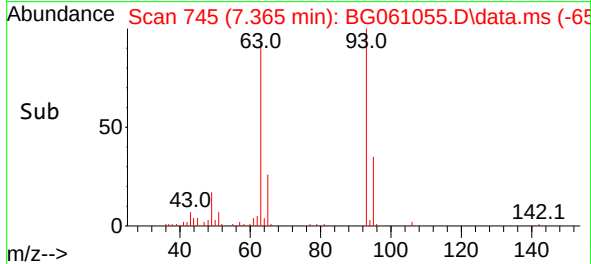
Instrument :
BNA_G
ClientSampleId :
SOILMSD



Tgt Ion: 93 Resp: 46939
Ion Ratio Lower Upper
93 100
63 93.3 75.6 115.6
95 35.1 12.1 52.1

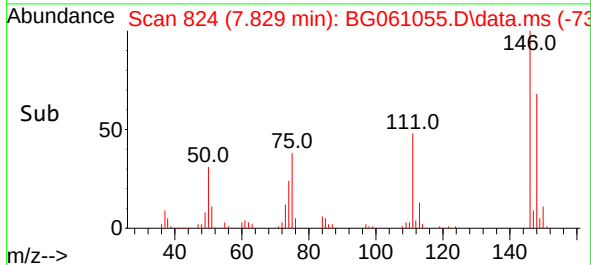
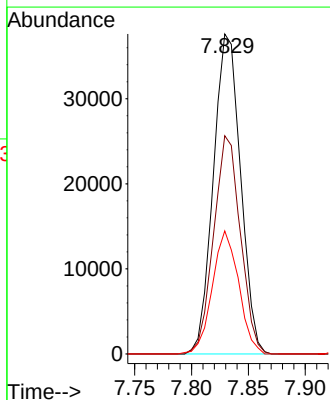
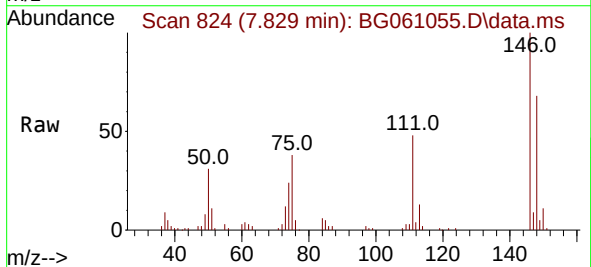
Manual Integrations
APPROVED

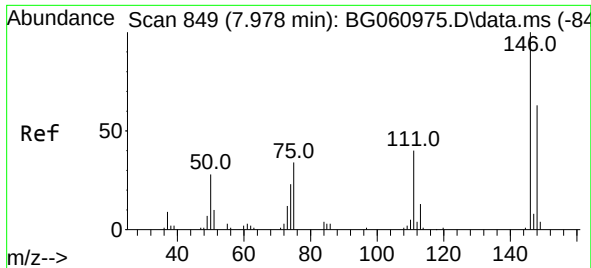
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#12
1,3-Dichlorobenzene
Concen: 40.606 ng
RT: 7.829 min Scan# 824
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Tgt Ion:146 Resp: 62591
Ion Ratio Lower Upper
146 100
148 68.2 52.7 79.1
75 38.4 30.1 45.1





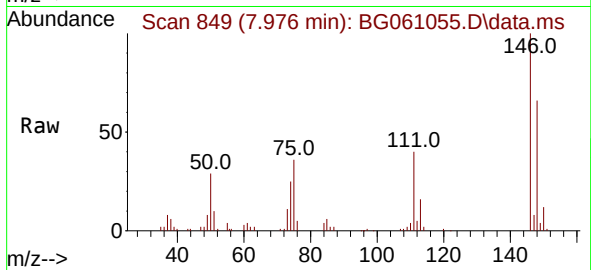
#13
1,4-Dichlorobenzene
Concen: 41.931 ng
RT: 7.976 min Scan# 849
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SOILMSD

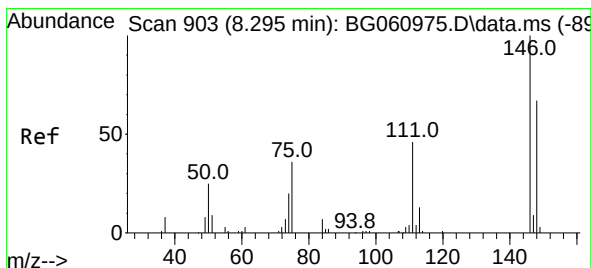
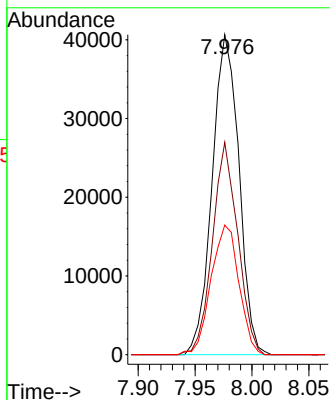
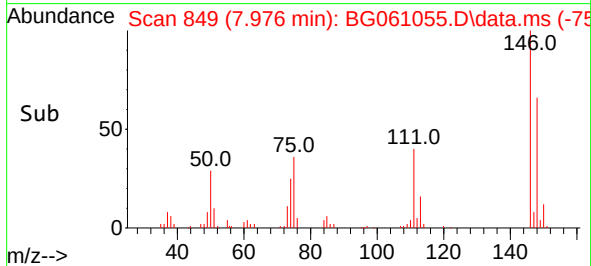


Tgt Ion:146 Resp: 66579
Ion Ratio Lower Upper
146 100
148 66.3 50.4 75.6
111 40.5 32.7 49.1

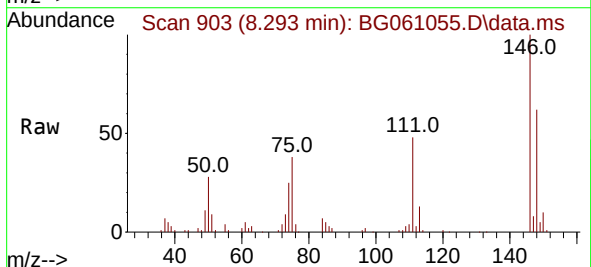
Manual Integrations

APPROVED

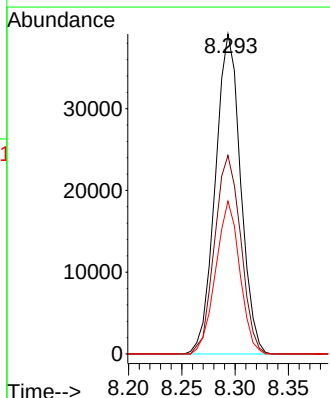
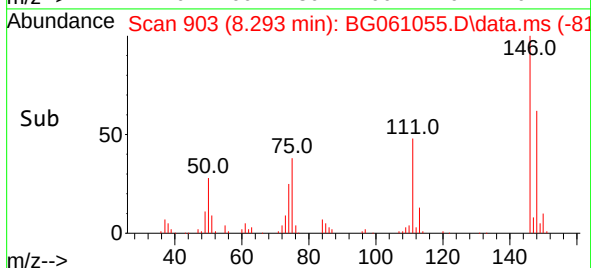
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

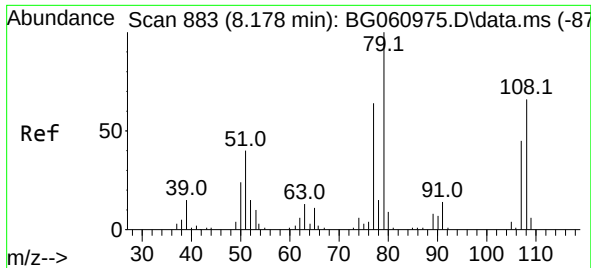


#14
1,2-Dichlorobenzene
Concen: 41.535 ng
RT: 8.293 min Scan# 903
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32



Tgt Ion:146 Resp: 64450
Ion Ratio Lower Upper
146 100
148 62.0 53.8 80.8
111 47.7 38.2 57.2





#15
Benzyl Alcohol
Concen: 45.829 ng
RT: 8.182 min Scan# 883
Delta R.T. 0.004 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

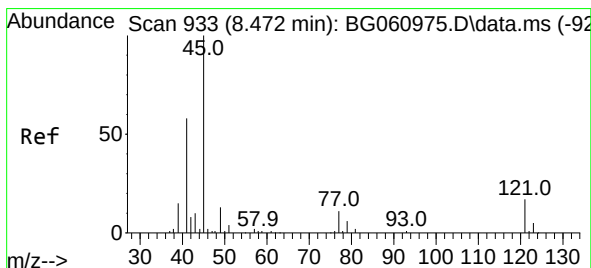
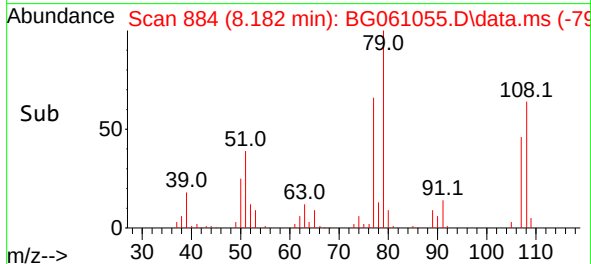
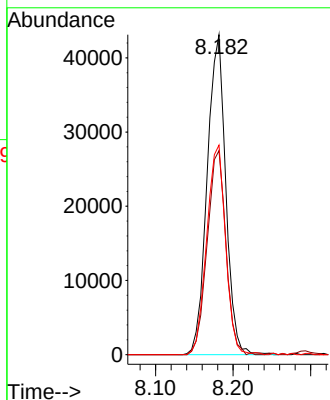
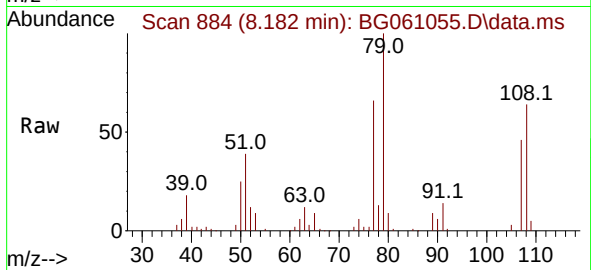
ClientSampleId :

SOILMSD

Tgt Ion: 79 Resp: 71620
Ion Ratio Lower Upper
79 100
108 63.7 53.0 79.6
77 65.5 51.4 77.0

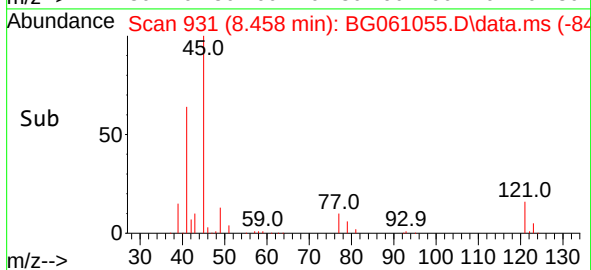
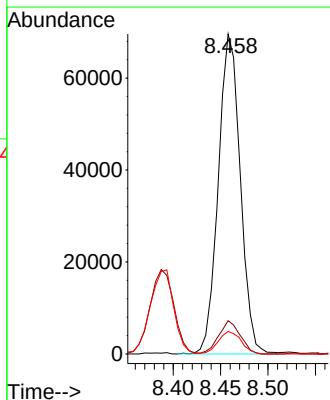
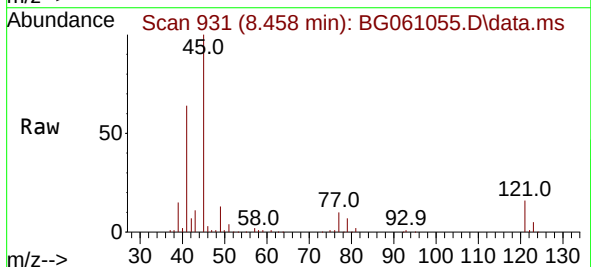
Manual Integrations
APPROVED

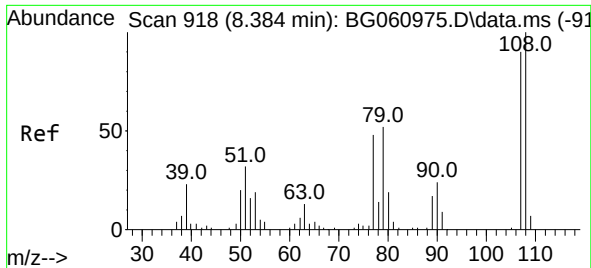
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.917 ng
RT: 8.458 min Scan# 931
Delta R.T. -0.014 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

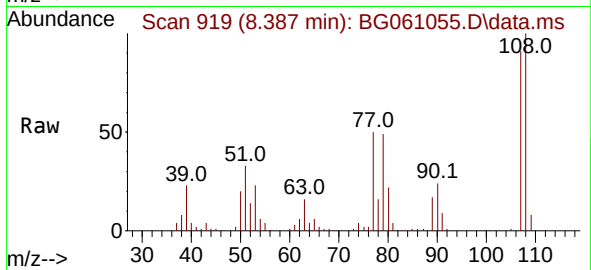
Tgt Ion: 45 Resp: 112479
Ion Ratio Lower Upper
45 100
77 10.4 0.0 30.6
79 7.1 0.0 26.6





#17
2-Methylphenol
Concen: 41.585 ng
RT: 8.387 min Scan# 918
Delta R.T. 0.004 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

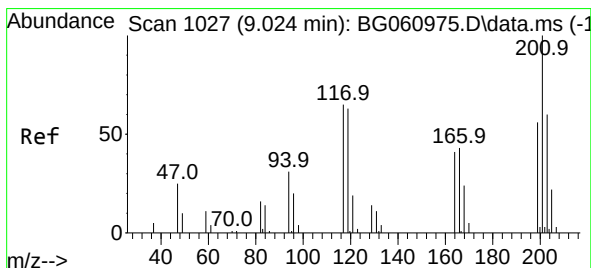
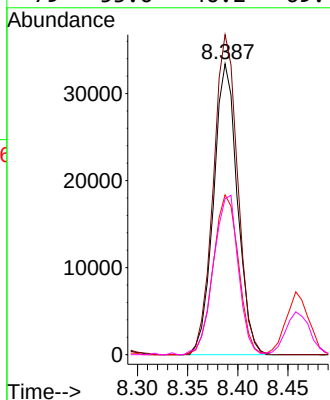
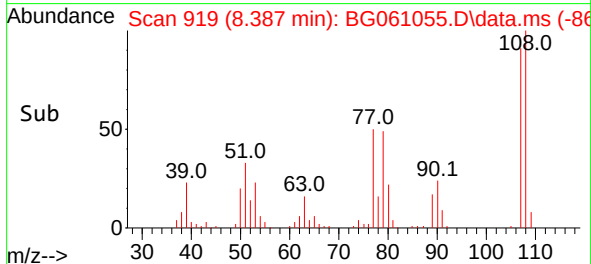
Instrument :
BNA_G
ClientSampleId :
SOILMSD



Tgt Ion:	107	Resp:	5521
Ion Ratio	Lower	Upper	
107	100		
108	110.0	89.2	133.8
77	54.9	43.0	64.6
79	53.6	46.2	69.4

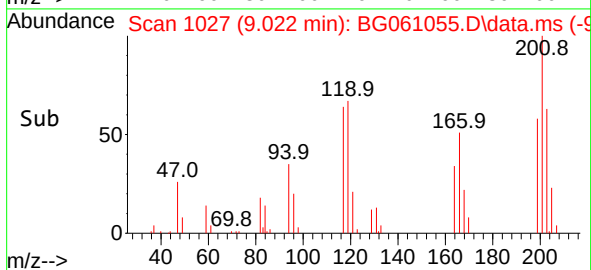
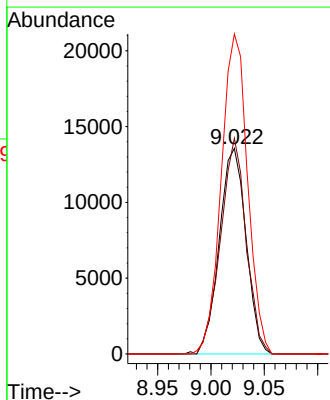
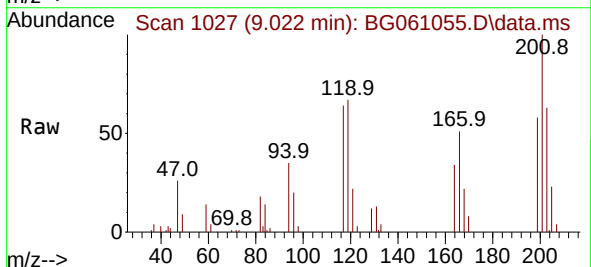
Manual Integrations
APPROVED

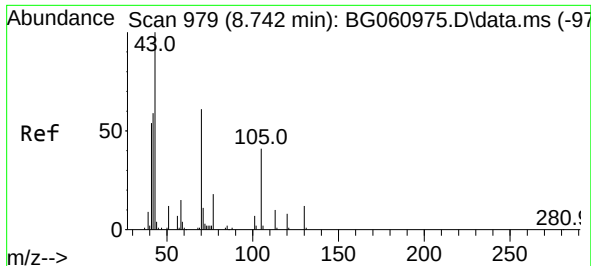
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#18
Hexachloroethane
Concen: 41.331 ng
RT: 9.022 min Scan# 1027
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Tgt Ion:	117	Resp:	23646
Ion Ratio	Lower	Upper	
117	100		
119	104.9	79.8	119.8
201	155.6	124.0	186.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.523 ng

RT: 8.746 min Scan# 979

Delta R.T. 0.004 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SOILMSD

Tgt Ion: 70 Resp: 5245

Ion Ratio Lower Upper

70 100

42 96.9 78.0 117.0

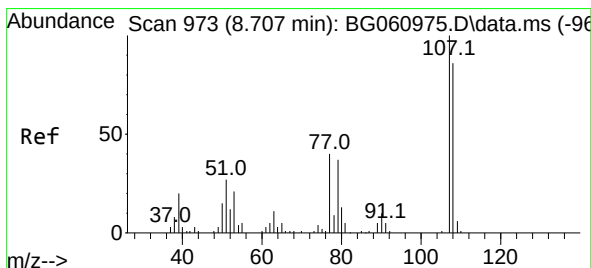
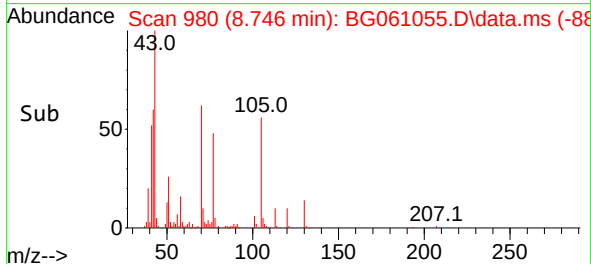
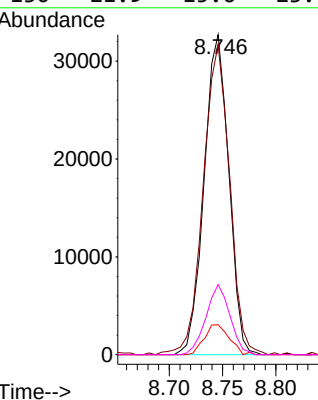
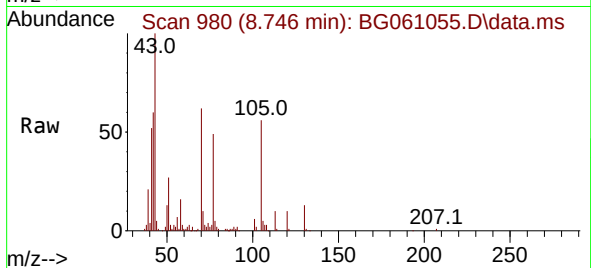
101 9.4 8.6 13.0

130 21.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#20

3+4-Methylphenols

Concen: 42.219 ng

RT: 8.716 min Scan# 975

Delta R.T. 0.010 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

Tgt Ion:107 Resp: 78401

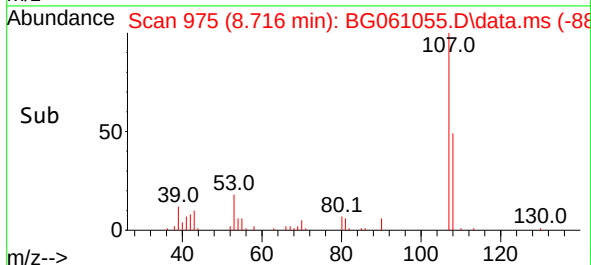
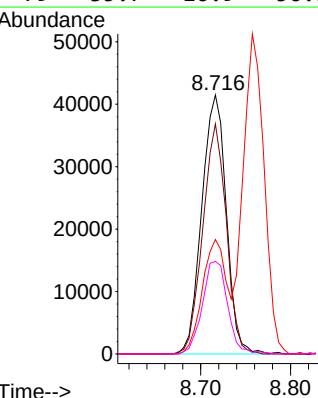
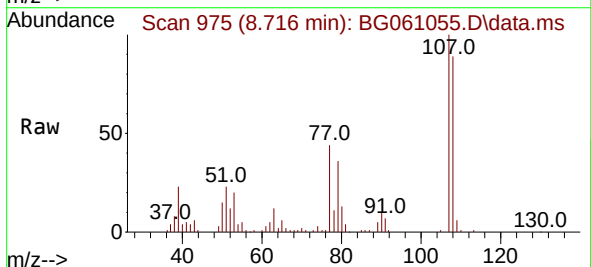
Ion Ratio Lower Upper

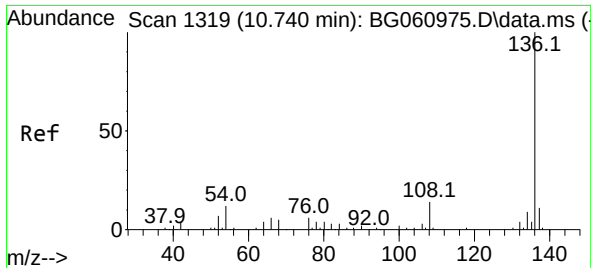
107 100

108 88.8 66.5 106.5

77 44.1 19.9 59.9

79 35.7 16.9 56.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1319
Delta R.T. -0.003 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

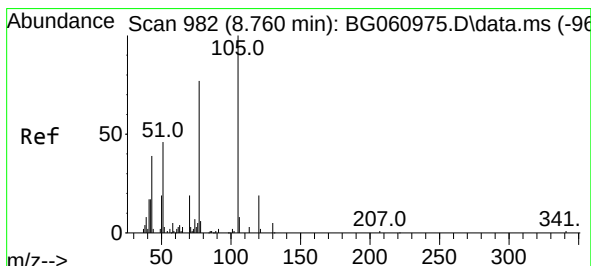
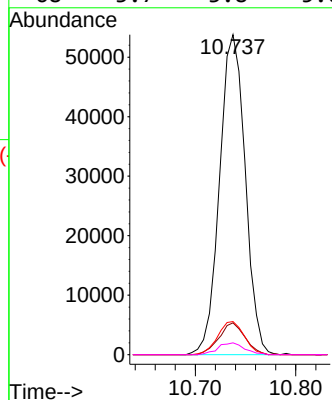
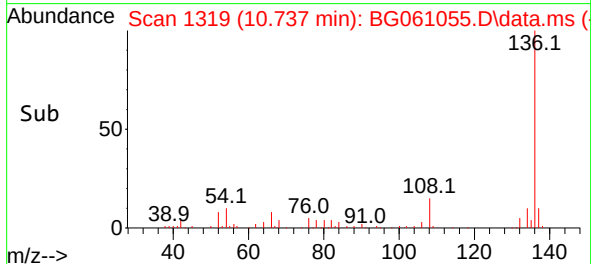
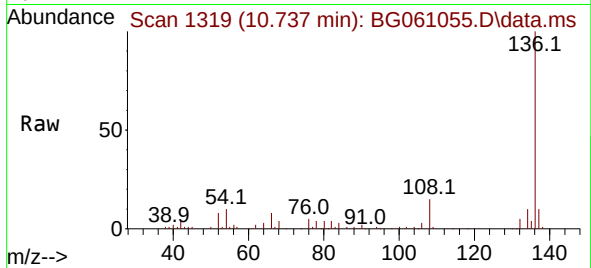
SOILMSD

Tgt Ion:136	Resp: 9544
Ion Ratio	Lower Upper
136	100
137	9.9 8.5 12.7
54	10.4 9.4 14.0
68	3.7 3.8 5.6#

Manual Integrations

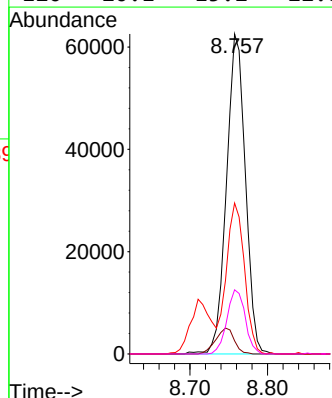
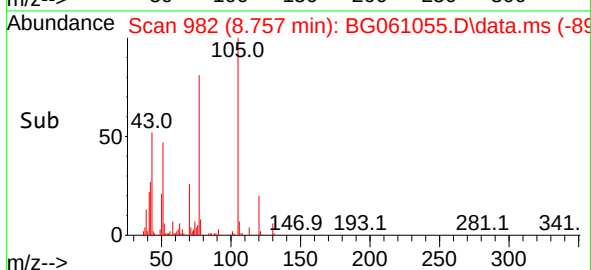
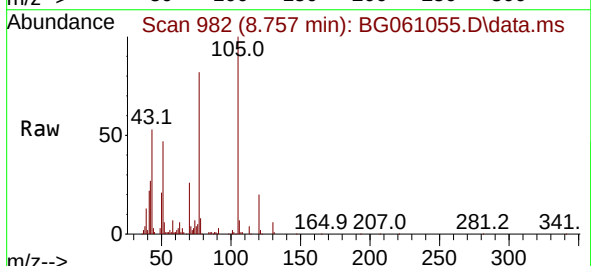
APPROVED

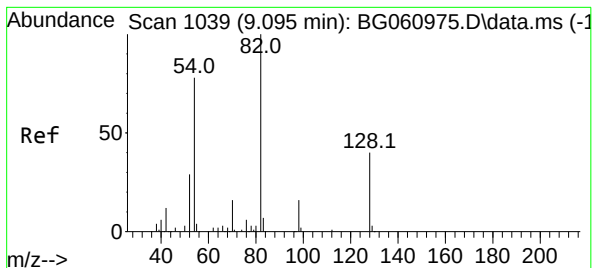
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#22
Acetophenone
Concen: 39.676 ng
RT: 8.757 min Scan# 982
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Tgt Ion:105	Resp: 105739
Ion Ratio	Lower Upper
105	100
71	4.1 2.5 3.7#
51	47.1 37.8 56.6
120	20.1 15.2 22.8





#23

Nitrobenzene-d5

Concen: 73.960 ng

RT: 9.098 min Scan# 1040

Delta R.T. 0.004 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SOILMSD

Tgt Ion: 82 Resp: 15711

Ion Ratio Lower Upper

82 100

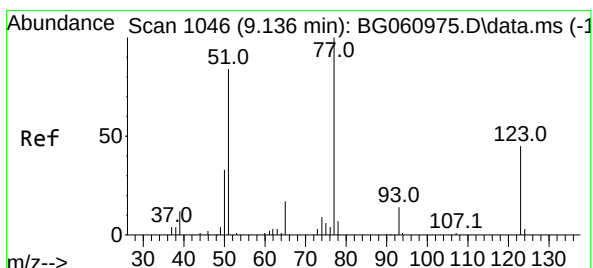
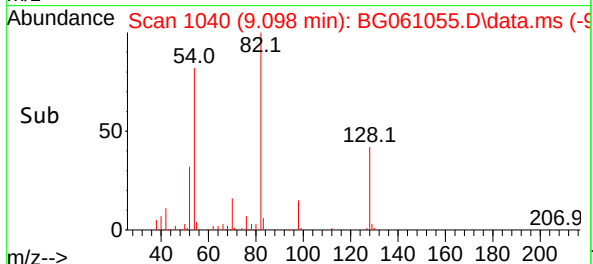
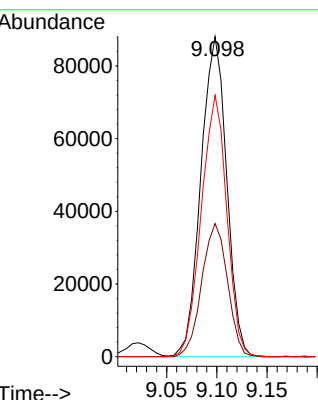
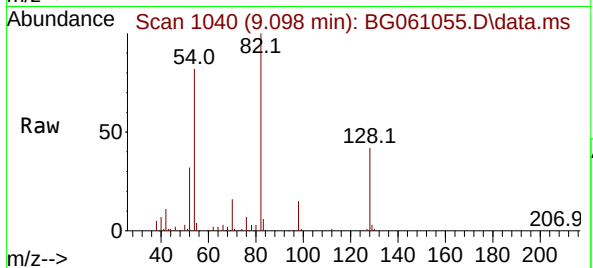
128 41.6 32.1 48.1

54 81.6 62.3 93.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#24

Nitrobenzene

Concen: 38.480 ng

RT: 9.139 min Scan# 1047

Delta R.T. 0.003 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

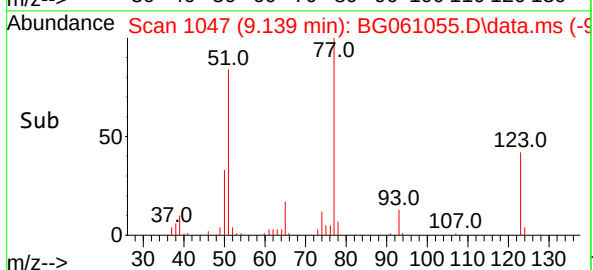
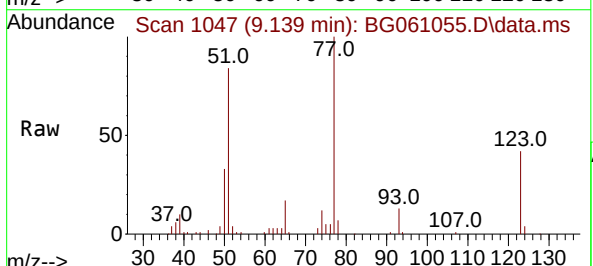
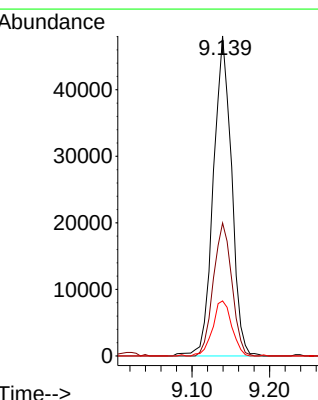
Tgt Ion: 77 Resp: 78548

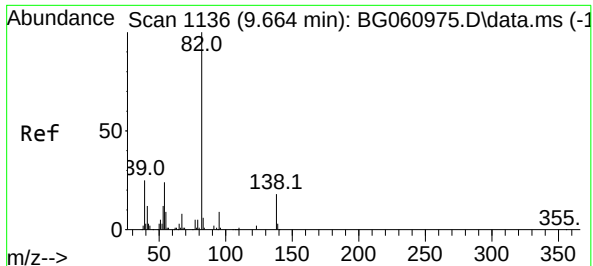
Ion Ratio Lower Upper

77 100

123 41.6 35.9 53.9

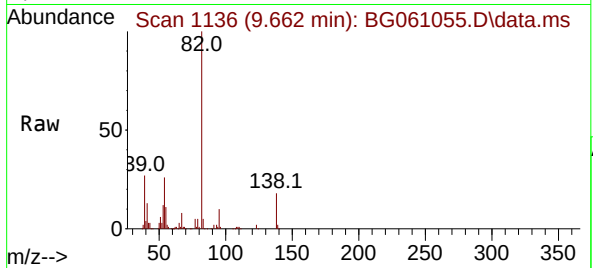
65 17.2 13.3 19.9





#25
Isophorone
Concen: 41.630 ng
RT: 9.662 min Scan# 1136
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

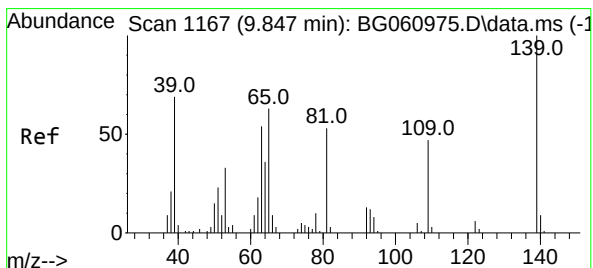
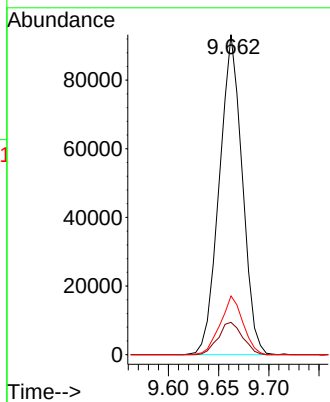
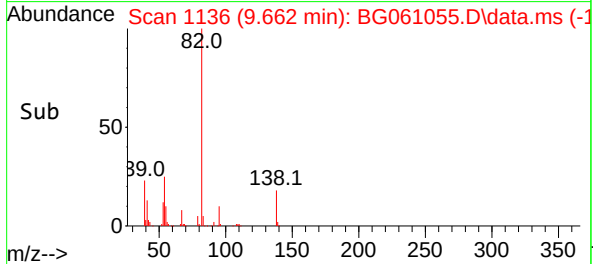
Instrument :
BNA_G
ClientSampleId :
SOILMSD



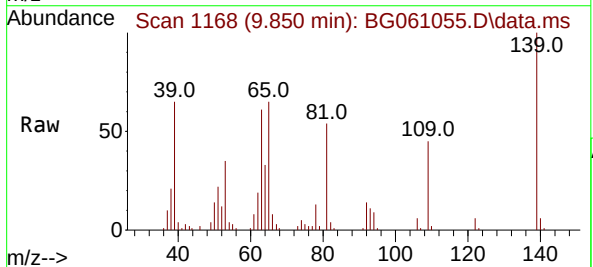
Tgt Ion: 82 Resp: 147999
Ion Ratio Lower Upper
82 100
95 10.1 7.6 11.4
138 18.3 14.2 21.2

Manual Integrations
APPROVED

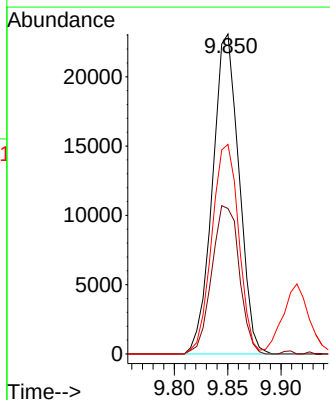
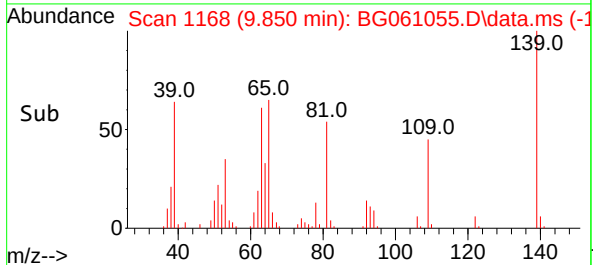
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

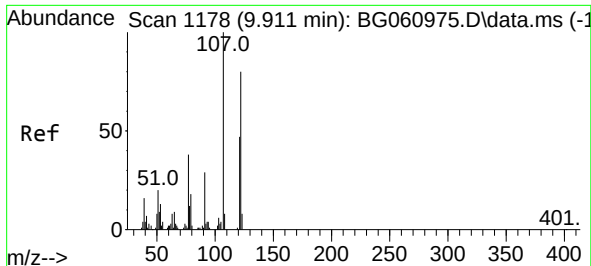


#26
2-Nitrophenol
Concen: 41.556 ng
RT: 9.850 min Scan# 1168
Delta R.T. 0.004 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32



Tgt Ion:139 Resp: 39867
Ion Ratio Lower Upper
139 100
109 45.5 37.4 56.2
65 65.5 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 34.997 ng

RT: 9.915 min Scan# 1178

Delta R.T. 0.004 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SOILMSD

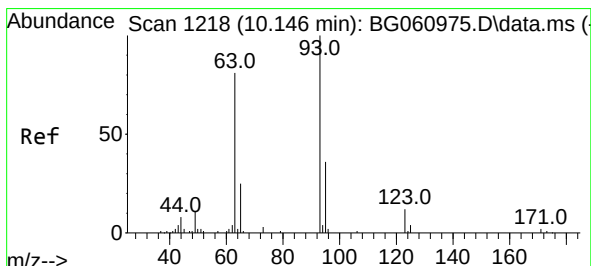
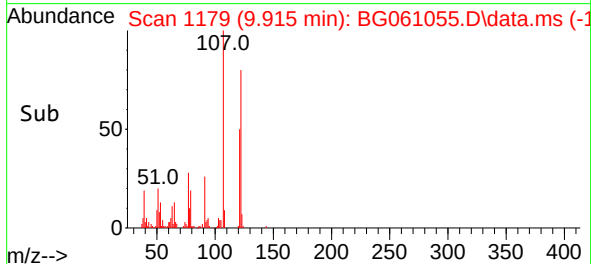
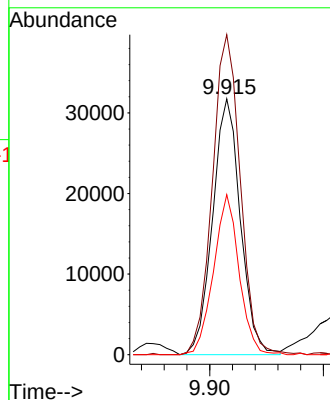
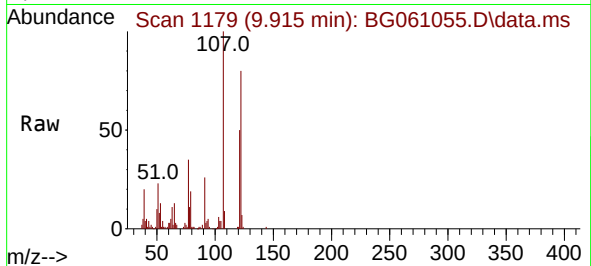
Tgt Ion:122 Resp: 5381

Ion	Ratio	Lower	Upper
122	100		
107	125.1	98.7	148.1
121	62.5	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#28

bis(2-Chloroethoxy)methane

Concen: 41.077 ng

RT: 10.144 min Scan# 1218

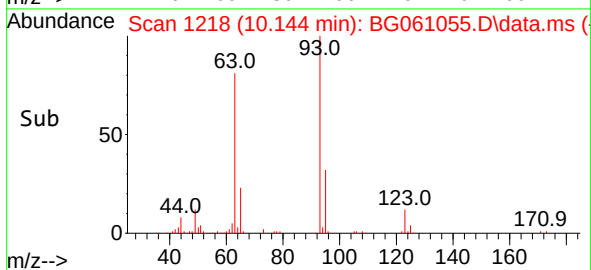
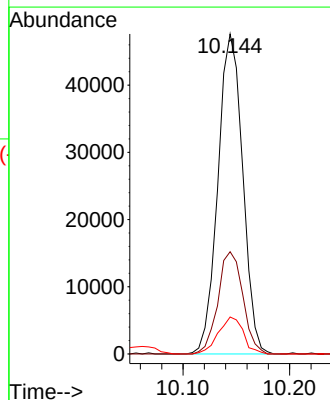
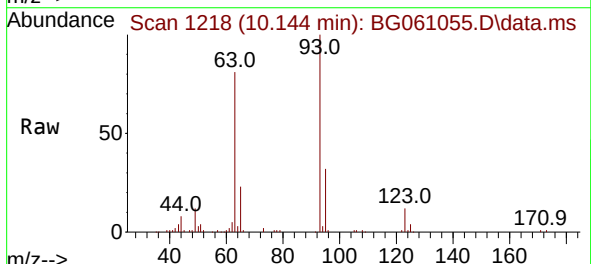
Delta R.T. -0.002 min

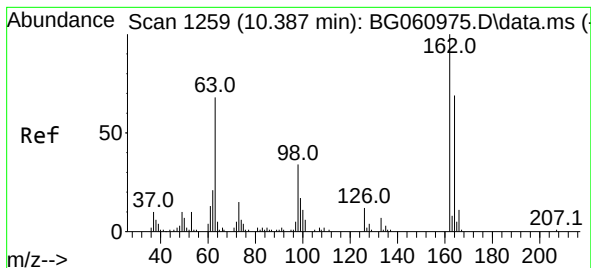
Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

Tgt Ion: 93 Resp: 76820

Ion	Ratio	Lower	Upper
93	100		
95	32.0	28.8	43.2
123	11.5	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 42.893 ng

RT: 10.385 min Scan# 1259

Delta R.T. -0.002 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

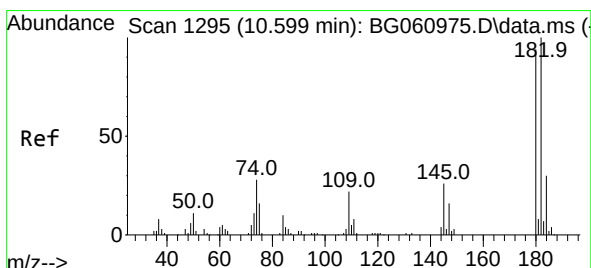
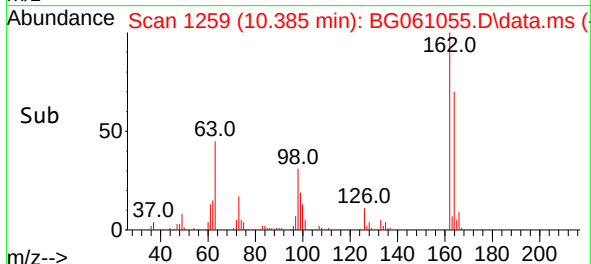
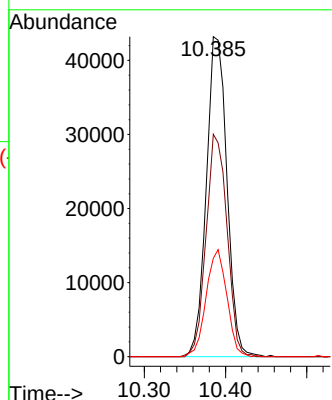
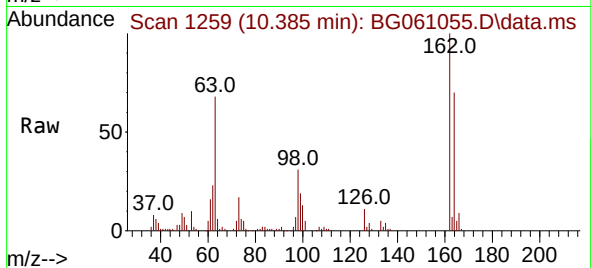
SOILMSD

Tgt Ion:	162	Resp:	7612
Ion Ratio	Lower	Upper	
162	100		
164	69.5	49.0	89.0
98	30.7	14.3	54.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.334 ng

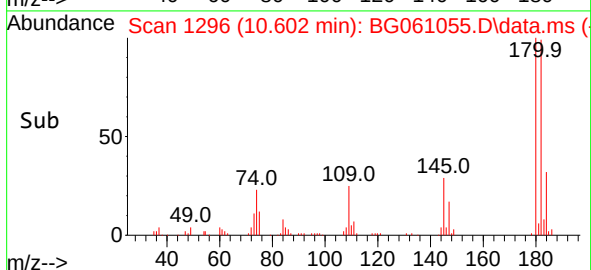
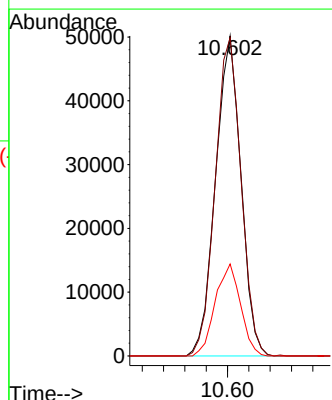
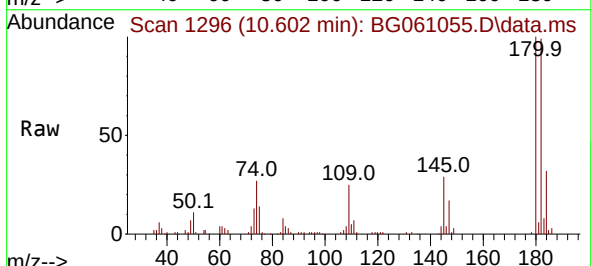
RT: 10.602 min Scan# 1296

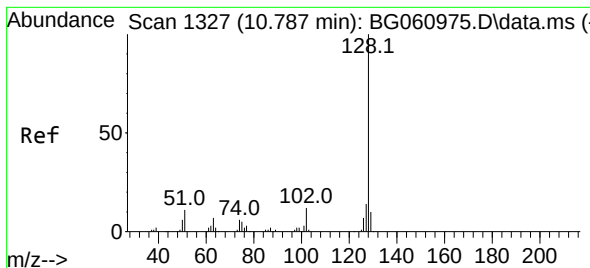
Delta R.T. 0.004 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

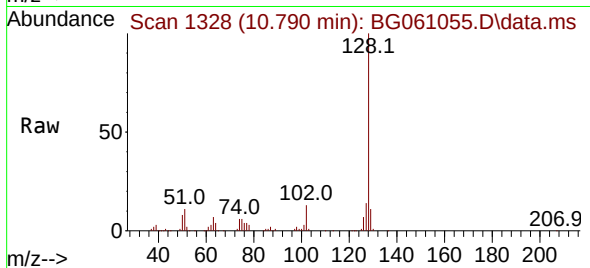
Tgt Ion:	180	Resp:	82896
Ion Ratio	Lower	Upper	
180	100		
182	99.5	85.4	128.2
145	28.7	22.6	33.8





#31
Naphthalene
Concen: 40.150 ng
RT: 10.790 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

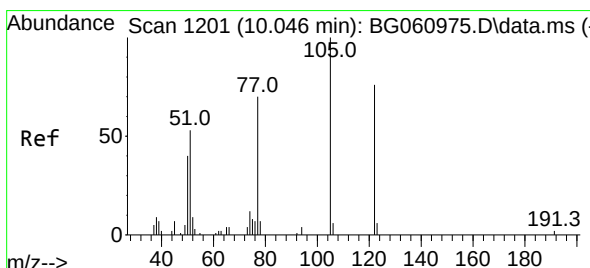
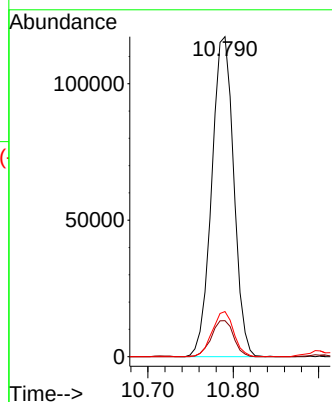
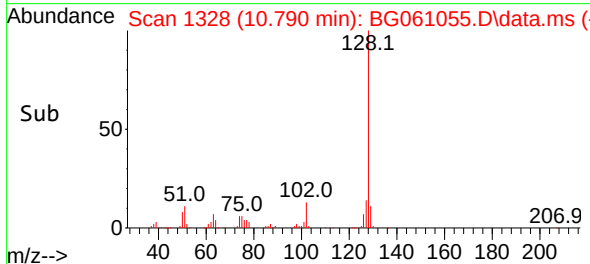
Instrument :
BNA_G
ClientSampleId :
SOILMSD



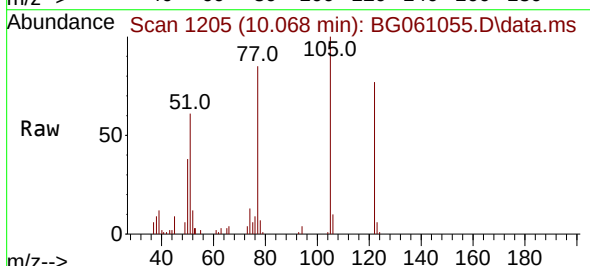
Tgt Ion:128 Resp: 20979
Ion Ratio Lower Upper
128 100
129 11.3 8.2 12.4
127 14.1 11.4 17.2

Manual Integrations
APPROVED

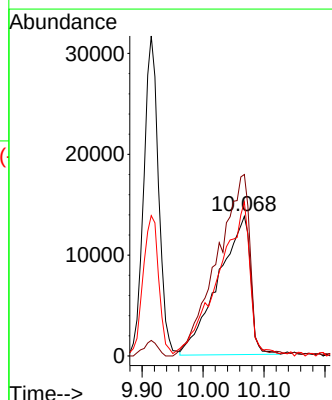
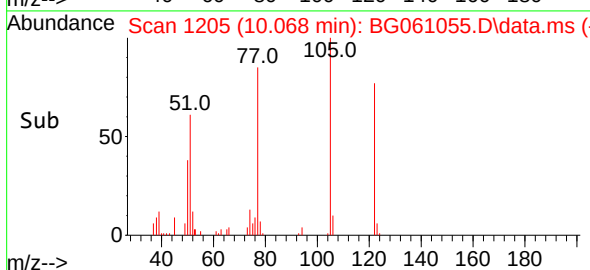
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

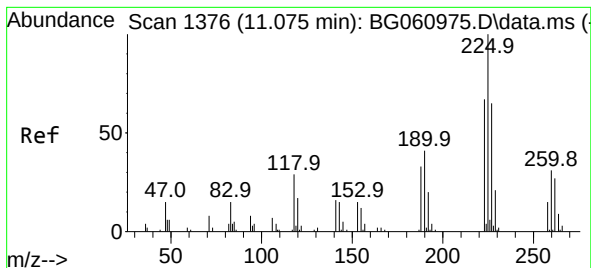


#32
Benzoic acid
Concen: 43.013 ng
RT: 10.068 min Scan# 1205
Delta R.T. 0.021 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32



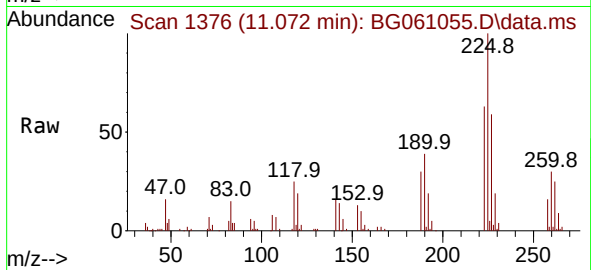
Tgt Ion:122 Resp: 50395
Ion Ratio Lower Upper
122 100
105 129.9 106.2 146.2
77 110.2 70.1 110.1#





#34
Hexachlorobutadiene
Concen: 40.764 ng
RT: 11.072 min Scan# 1107
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

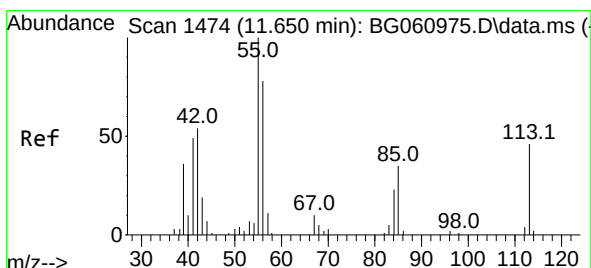
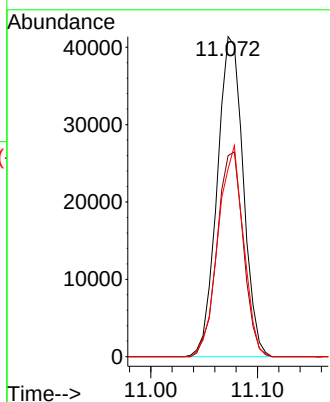
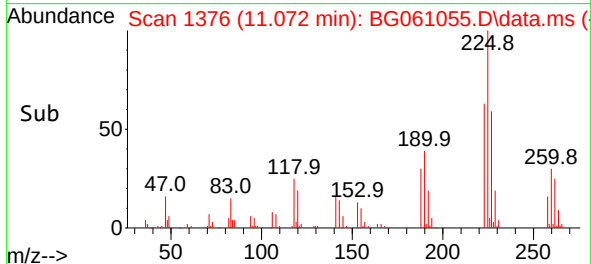
Instrument :
BNA_G
ClientSampleId :
SOILMSD



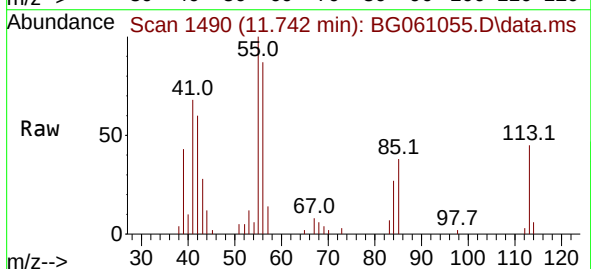
Tgt Ion:225 Resp: 70198
Ion Ratio Lower Upper
225 100
223 62.8 53.2 79.8
227 58.7 51.9 77.9

Manual Integrations
APPROVED

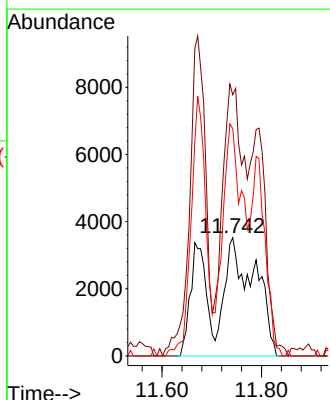
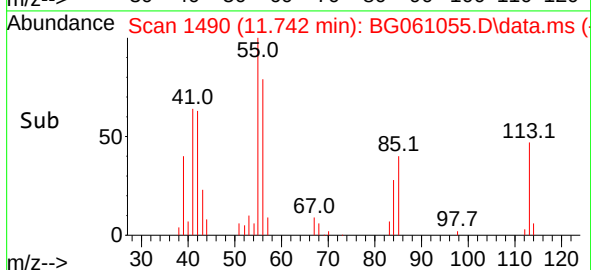
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

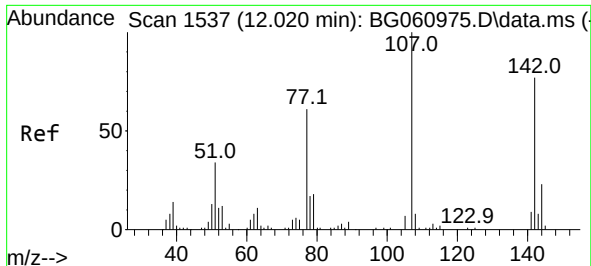


#35
Caprolactam
Concen: 39.419 ng m
RT: 11.742 min Scan# 1490
Delta R.T. 0.092 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32



Tgt Ion:113 Resp: 22283
Ion Ratio Lower Upper
113 100
55 220.8 197.9 237.9
56 192.3 151.1 191.1#





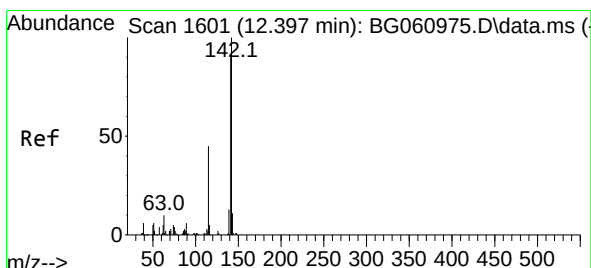
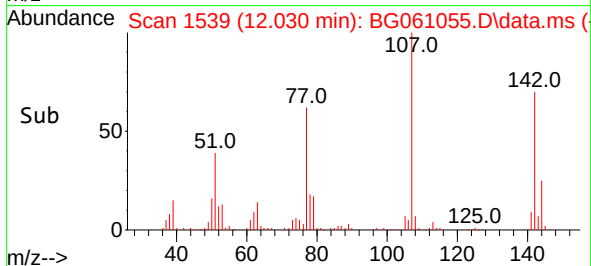
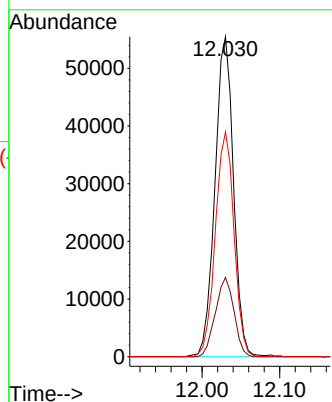
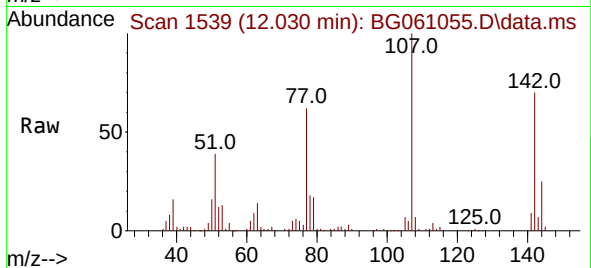
#36
4-Chloro-3-methylphenol
Concen: 44.434 ng
RT: 12.030 min Scan# 1537
Delta R.T. 0.010 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Instrument :
BNA_G
ClientSampleId :
SOILMSD

Tgt Ion:107 Resp: 9197
Ion Ratio Lower Upper
107 100
144 24.8 18.5 27.7
142 70.2 61.4 92.0

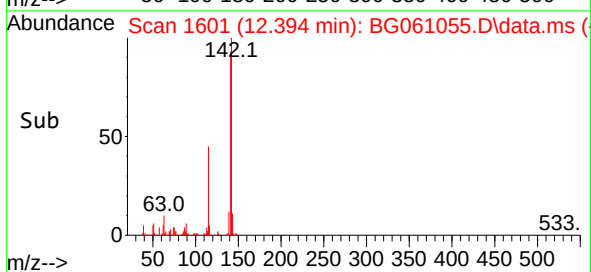
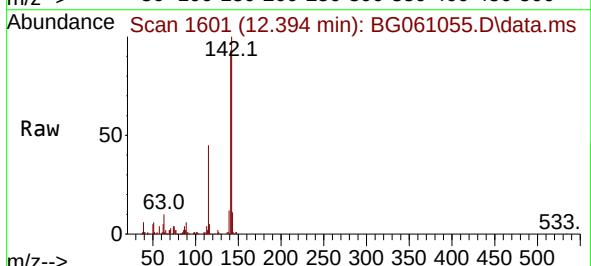
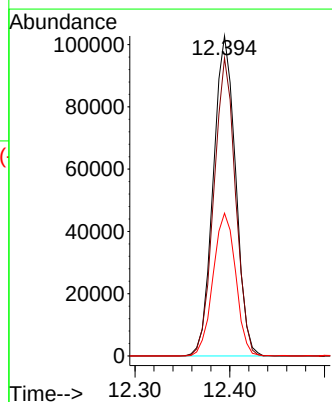
Manual Integrations
APPROVED

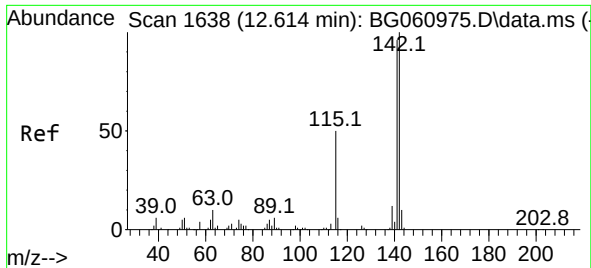
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#37
2-Methylnaphthalene
Concen: 40.842 ng
RT: 12.394 min Scan# 1601
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

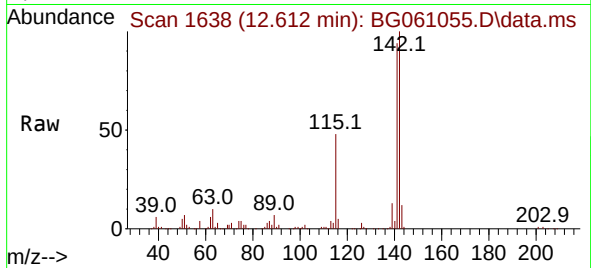
Tgt Ion:142 Resp: 167794
Ion Ratio Lower Upper
142 100
141 93.1 72.2 108.4
115 44.6 35.9 53.9





#38
1-Methylnaphthalene
Concen: 40.553 ng
RT: 12.612 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

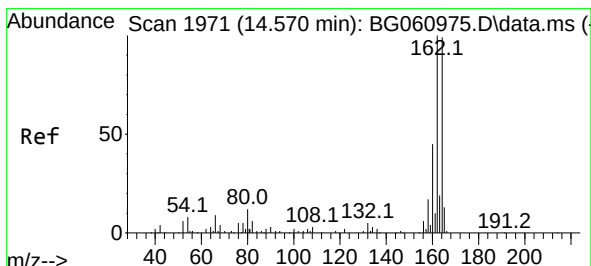
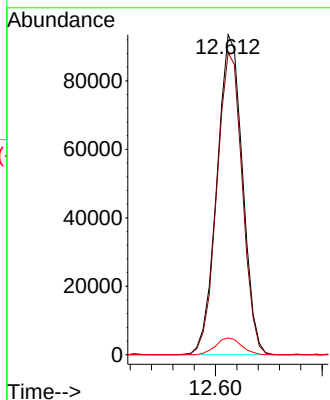
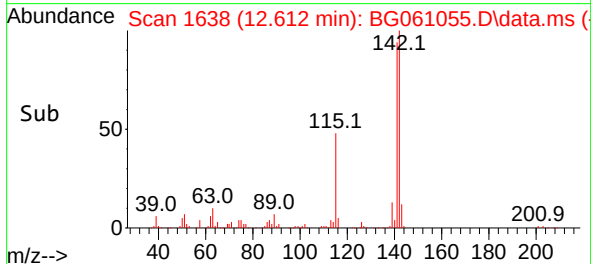
Instrument :
BNA_G
ClientSampleId :
SOILMSD



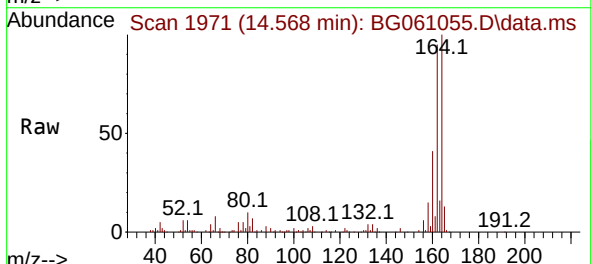
Tgt Ion:142 Resp: 15547
Ion Ratio Lower Upper
142 100
141 94.4 76.8 115.2
116 5.2 4.4 6.6

Manual Integrations
APPROVED

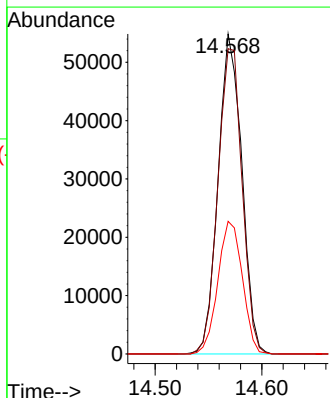
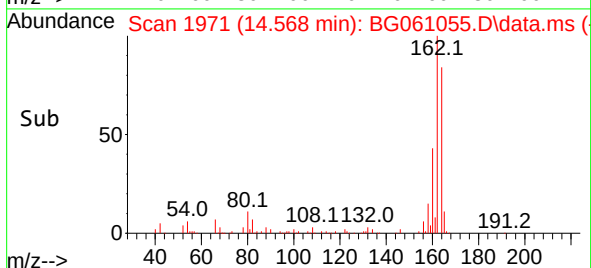
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

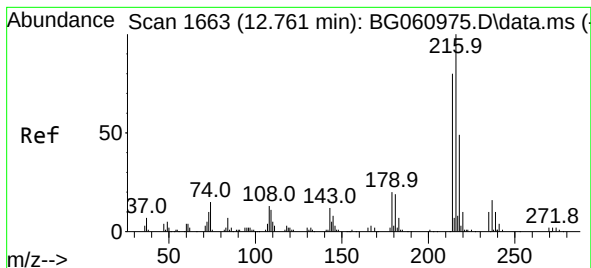


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32



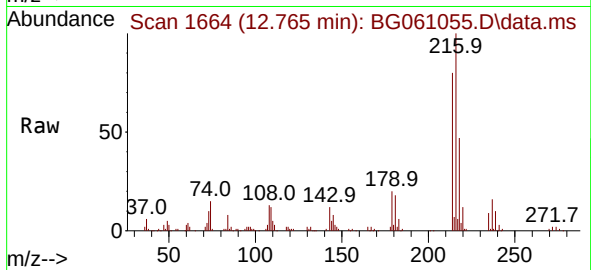
Tgt Ion:164 Resp: 84564
Ion Ratio Lower Upper
164 100
162 95.4 81.2 121.8
160 41.5 36.2 54.2





#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.207 ng
RT: 12.765 min Scan# 1664
Delta R.T. 0.004 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

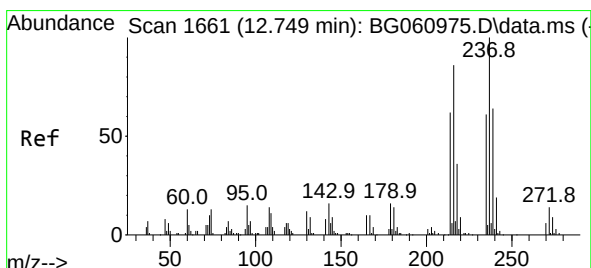
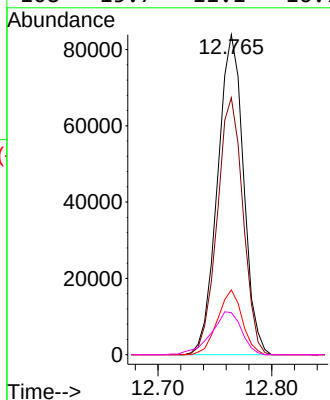
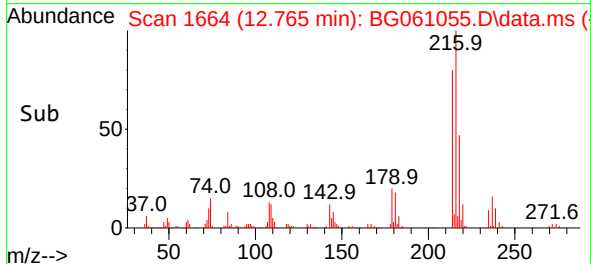
Instrument :
BNA_G
ClientSampleId :
SOILMSD



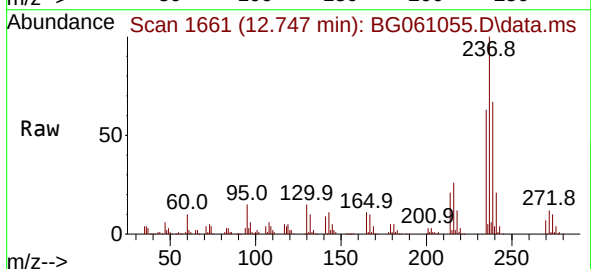
Tgt Ion:216 Resp: 132849
Ion Ratio Lower Upper
216 100
214 79.7 63.3 94.9
179 19.2 15.2 22.8
108 15.7 11.1 16.7

Manual Integrations
APPROVED

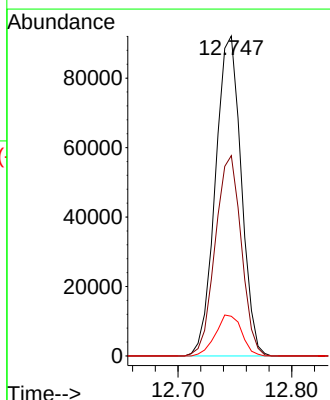
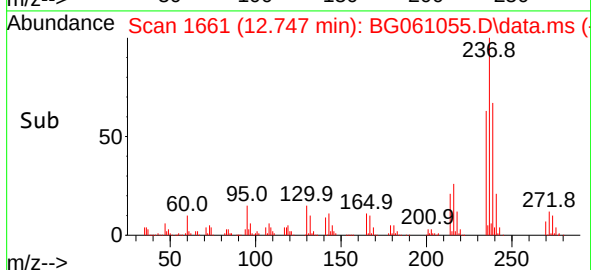
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

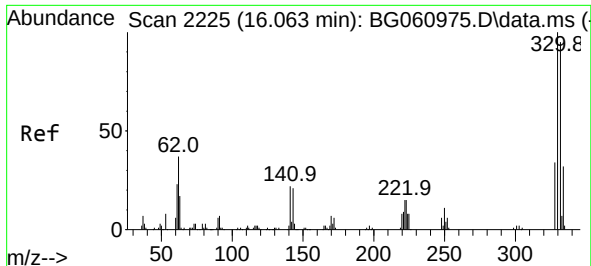


#41
Hexachlorocyclopentadiene
Concen: 82.241 ng
RT: 12.747 min Scan# 1661
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32



Tgt Ion:237 Resp: 145424
Ion Ratio Lower Upper
237 100
235 62.6 40.7 80.7
272 12.4 0.0 34.5





#42
2,4,6-Tribromophenol
Concen: 120.801 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

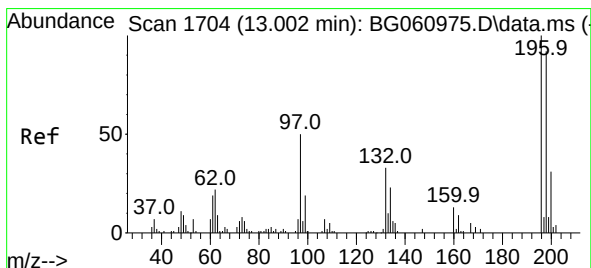
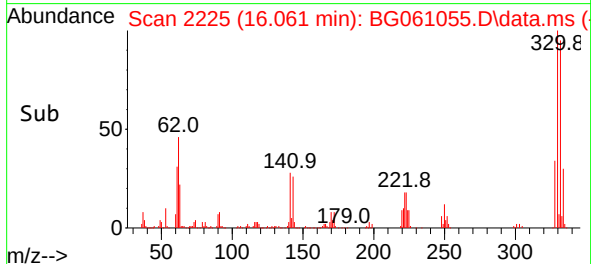
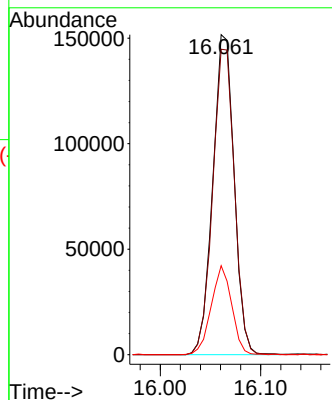
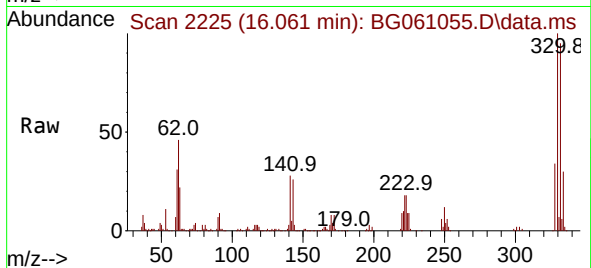
SOILMSD

Tgt Ion:330 Resp: 22432
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 26.7 20.6 31.0

Manual Integrations

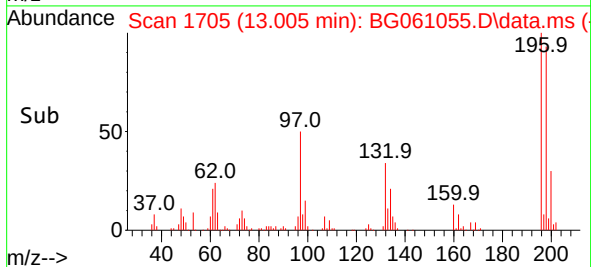
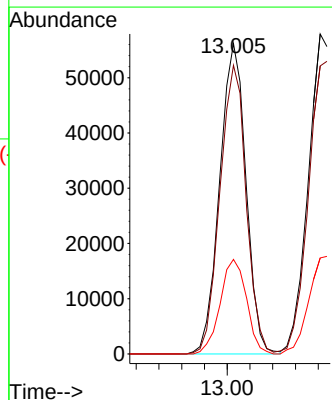
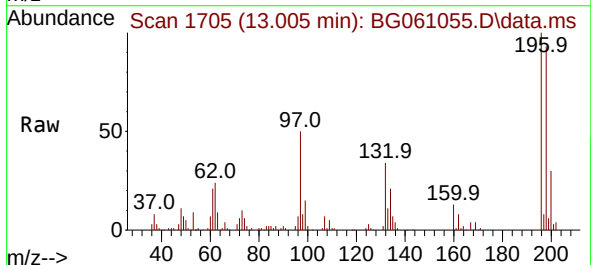
APPROVED

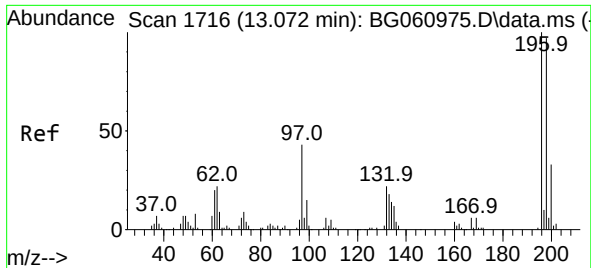
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#43
2,4,6-Trichlorophenol
Concen: 45.670 ng
RT: 13.005 min Scan# 1705
Delta R.T. 0.004 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Tgt Ion:196 Resp: 90219
Ion Ratio Lower Upper
196 100
198 93.0 73.5 110.3
200 30.5 24.8 37.2





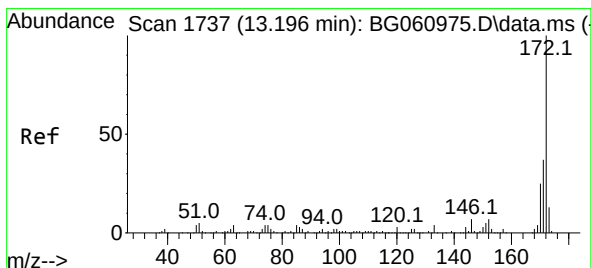
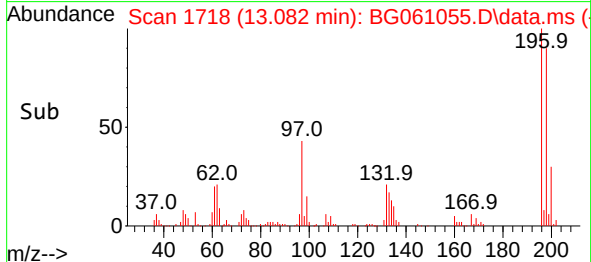
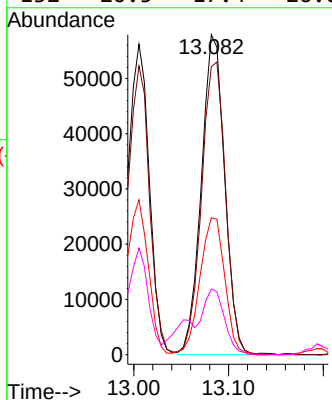
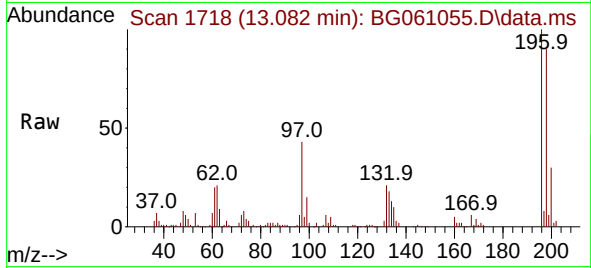
#44
2,4,5-Trichlorophenol
Concen: 42.533 ng
RT: 13.082 min Scan# 1716
Delta R.T. 0.010 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Instrument :
BNA_G
ClientSampleId :
SOILMSD

Tgt Ion:196 Resp: 99390
Ion Ratio Lower Upper
196 100
198 90.0 77.7 116.5
97 42.8 34.2 51.4
132 20.5 17.4 26.0

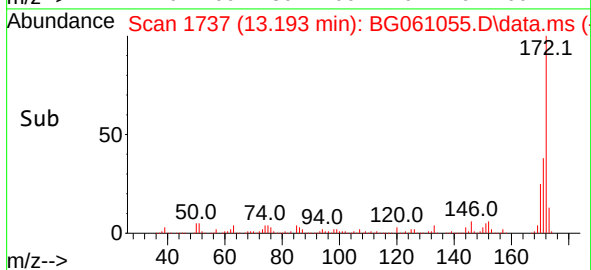
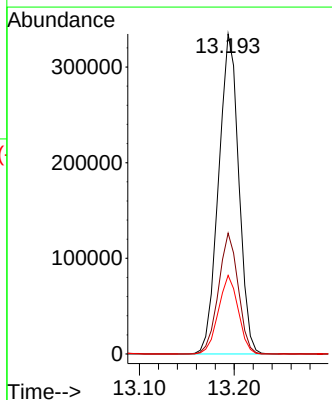
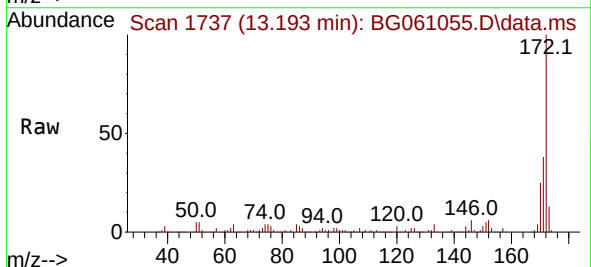
Manual Integrations
APPROVED

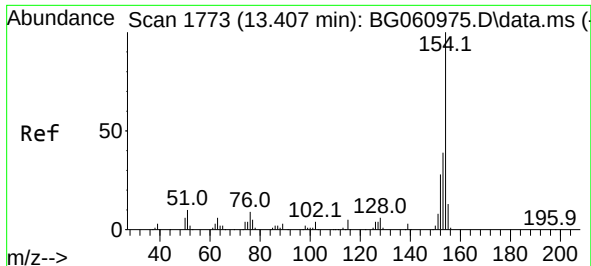
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#45
2-Fluorobiphenyl
Concen: 80.968 ng
RT: 13.193 min Scan# 1737
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

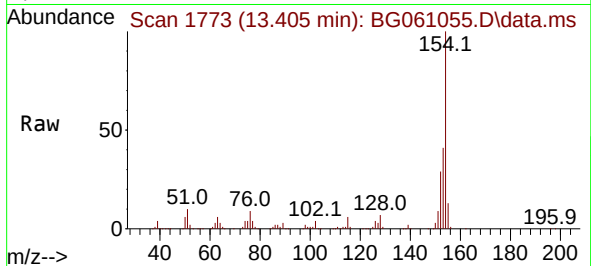
Tgt Ion:172 Resp: 494718
Ion Ratio Lower Upper
172 100
171 37.7 29.3 43.9
170 24.6 20.1 30.1





#46
1,1'-Biphenyl
Concen: 43.673 ng
RT: 13.405 min Scan# 1773
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

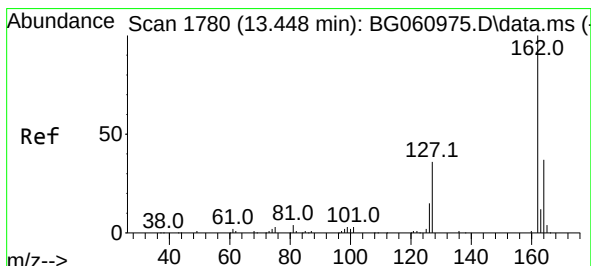
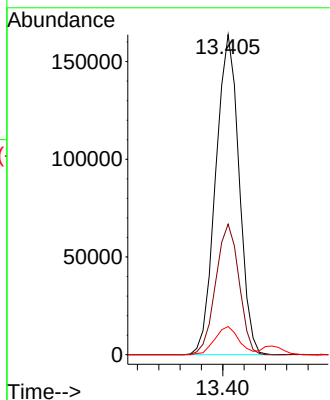
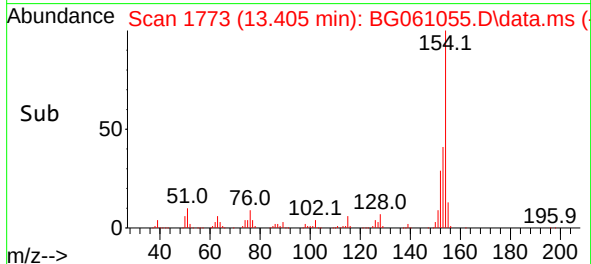
Instrument :
BNA_G
ClientSampleId :
SOILMSD



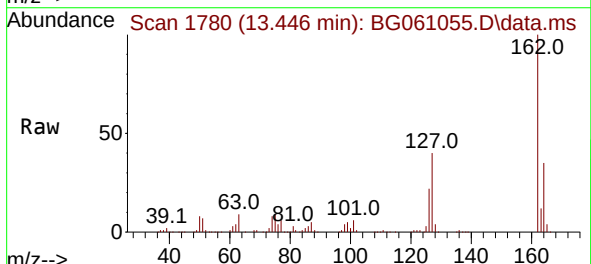
Tgt Ion:154 Resp: 248768
Ion Ratio Lower Upper
154 100
153 40.8 19.4 59.4
76 8.8 0.0 28.6

Manual Integrations
APPROVED

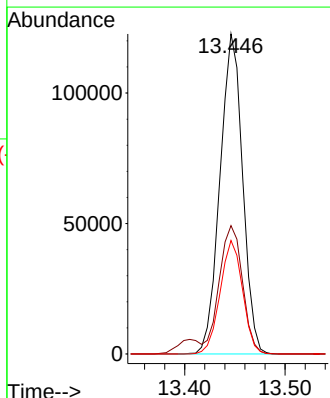
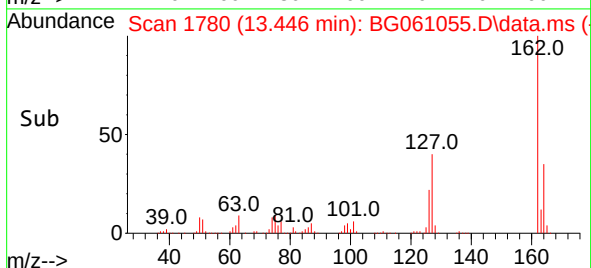
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

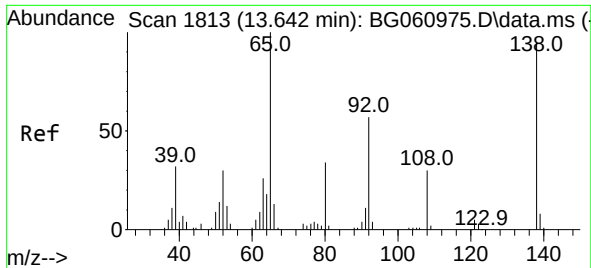


#47
2-Chloronaphthalene
Concen: 43.910 ng
RT: 13.446 min Scan# 1780
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32



Tgt Ion:162 Resp: 191775
Ion Ratio Lower Upper
162 100
127 40.1 32.6 49.0
164 35.5 29.9 44.9





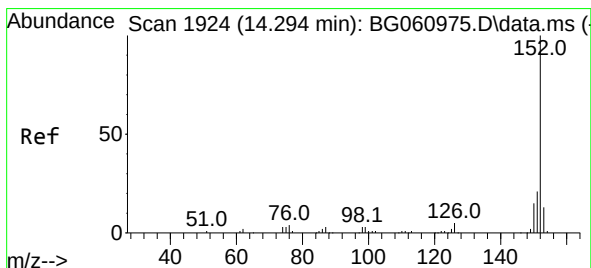
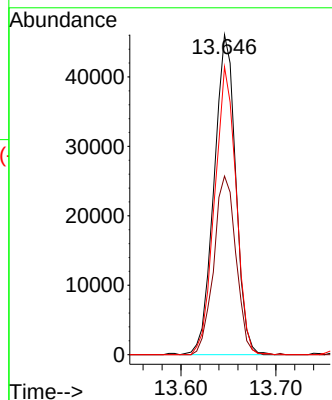
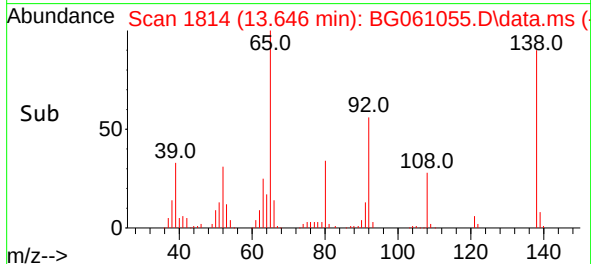
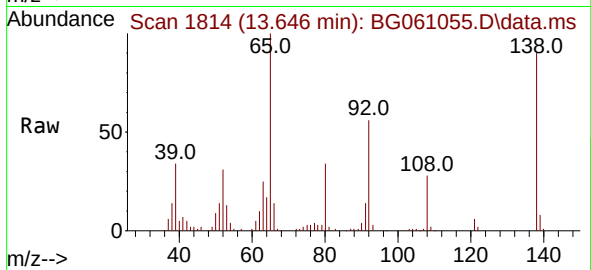
#48
2-Nitroaniline
Concen: 41.571 ng
RT: 13.646 min Scan# 1813
Delta R.T. 0.004 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Instrument :
BNA_G
ClientSampleId :
SOILMSD

Tgt Ion: 65 Resp: 73275
Ion Ratio Lower Upper
65 100
92 55.8 45.4 68.2
138 89.9 75.8 113.6

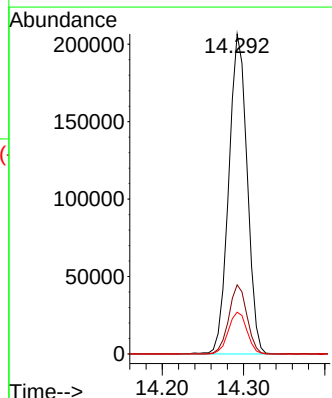
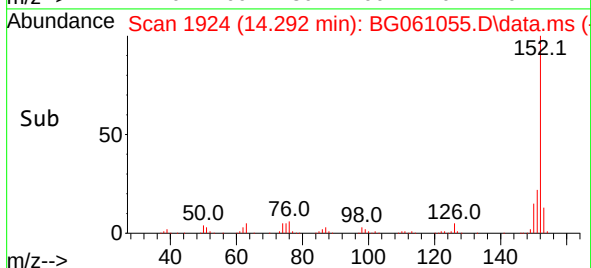
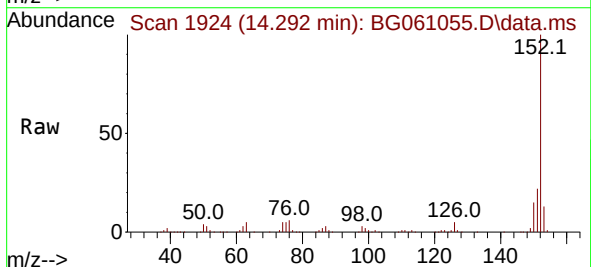
Manual Integrations
APPROVED

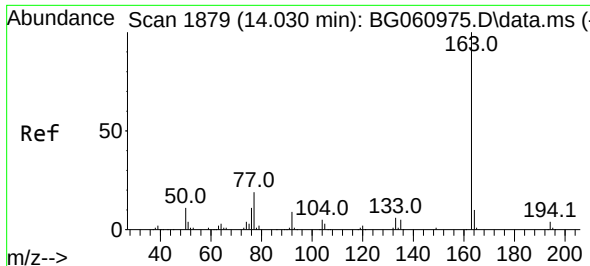
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#49
Acenaphthylene
Concen: 44.139 ng
RT: 14.292 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

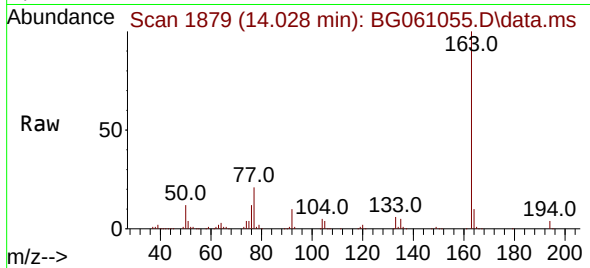
Tgt Ion:152 Resp: 324663
Ion Ratio Lower Upper
152 100
151 21.6 16.6 25.0
153 13.1 10.7 16.1





#50
Dimethylphthalate
Concen: 43.286 ng
RT: 14.028 min Scan# 1879
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

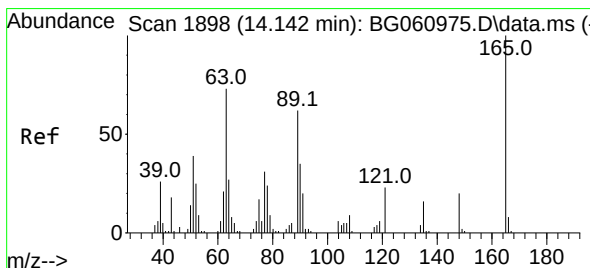
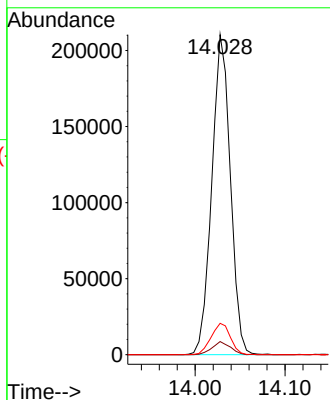
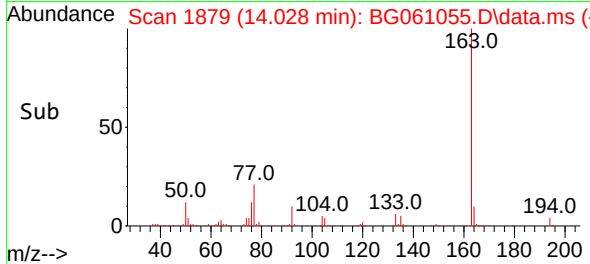
Instrument :
BNA_G
ClientSampleId :
SOILMSD



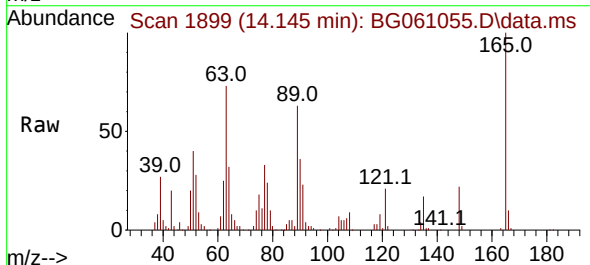
Tgt Ion:163 Resp: 30184
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.8 8.4 12.6

Manual Integrations
APPROVED

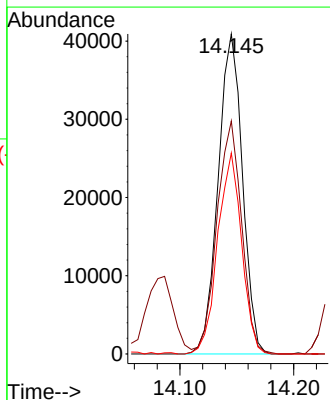
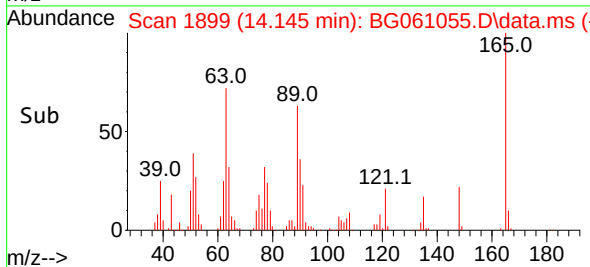
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

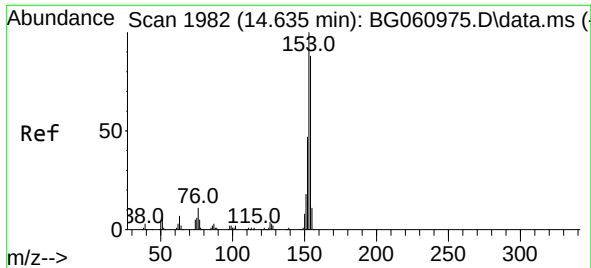


#51
2,6-Dinitrotoluene
Concen: 41.775 ng
RT: 14.145 min Scan# 1899
Delta R.T. 0.004 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32



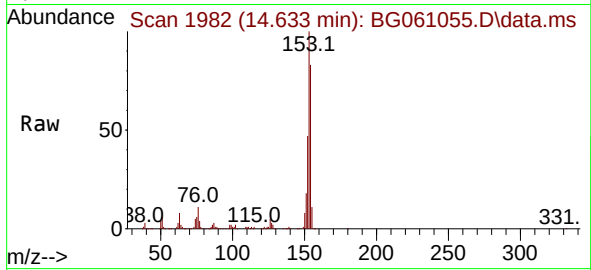
Tgt Ion:165 Resp: 60783
Ion Ratio Lower Upper
165 100
63 72.8 59.6 89.4
89 62.8 49.4 74.0





#52
Acenaphthene
Concen: 40.804 ng
RT: 14.633 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

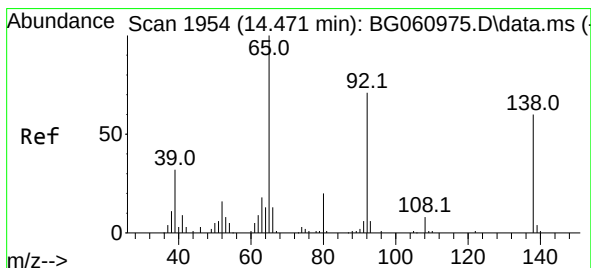
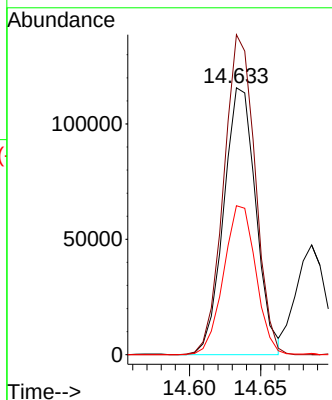
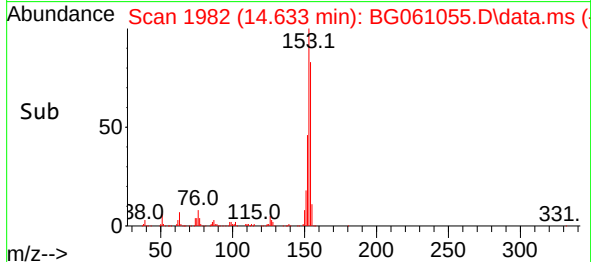
Instrument :
BNA_G
ClientSampleId :
SOILMSD



Tgt Ion:154 Resp: 182370
Ion Ratio Lower Upper
154 100
153 119.9 91.2 136.8
152 55.8 42.7 64.1

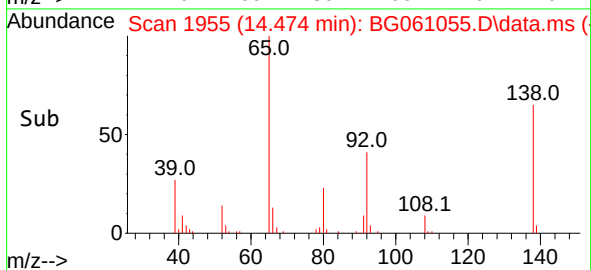
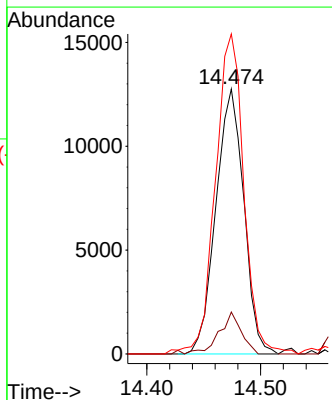
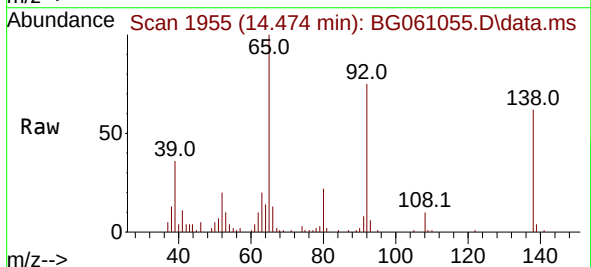
Manual Integrations
APPROVED

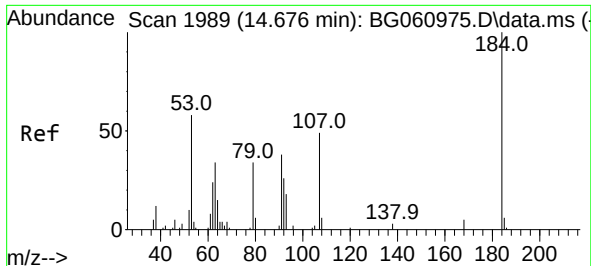
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#53
3-Nitroaniline
Concen: 15.173 ng
RT: 14.474 min Scan# 1955
Delta R.T. 0.004 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Tgt Ion:138 Resp: 21769
Ion Ratio Lower Upper
138 100
108 15.8 10.1 15.1#
92 120.7 94.6 141.8





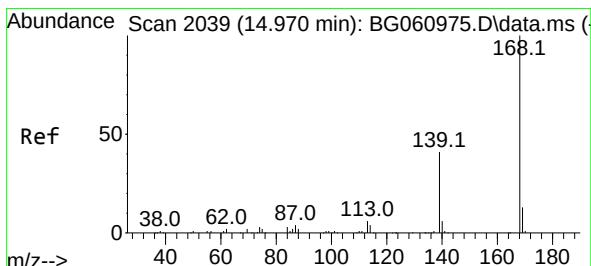
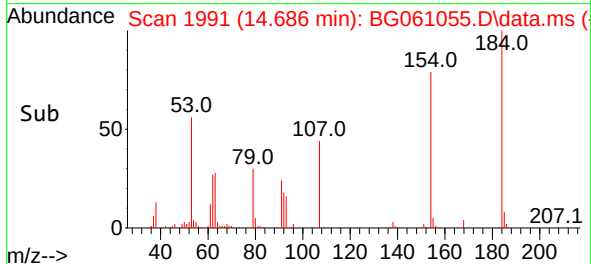
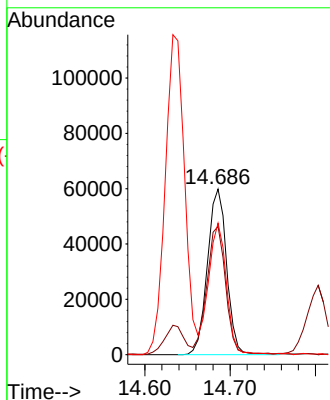
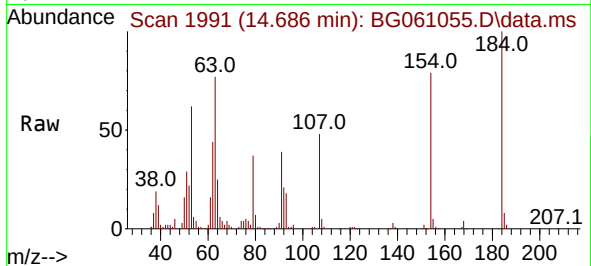
#54
2,4-Dinitrophenol
Concen: 97.380 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.010 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Instrument :
BNA_G
ClientSampleId :
SOILMSD

Tgt Ion:184 Resp: 93540
Ion Ratio Lower Upper
184 100
63 77.4 59.0 88.6
154 79.4 61.2 91.8

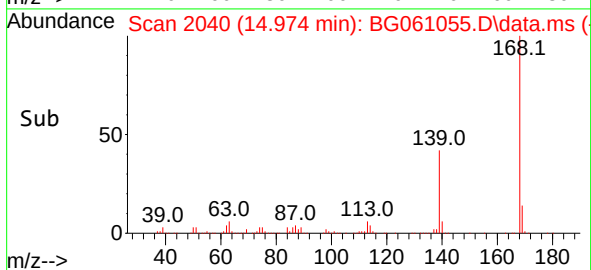
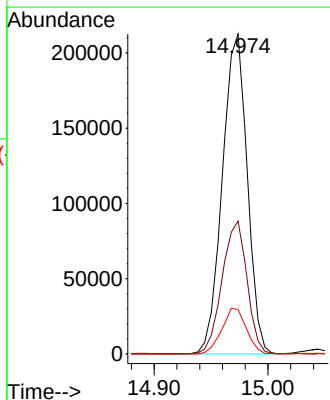
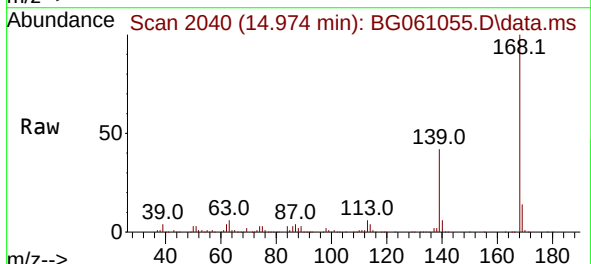
Manual Integrations
APPROVED

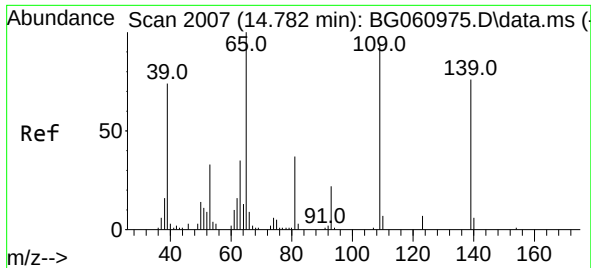
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#55
Dibenzofuran
Concen: 41.841 ng
RT: 14.974 min Scan# 2040
Delta R.T. 0.004 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Tgt Ion:168 Resp: 322921
Ion Ratio Lower Upper
168 100
139 41.5 32.4 48.6
169 13.9 10.6 15.8





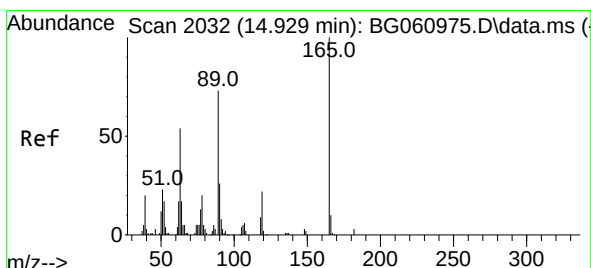
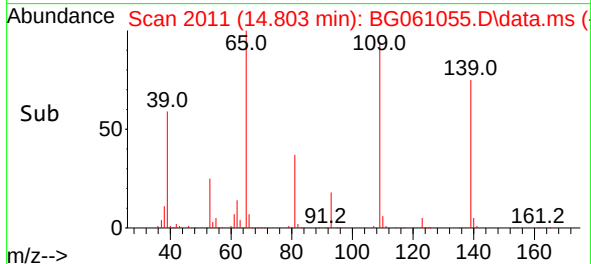
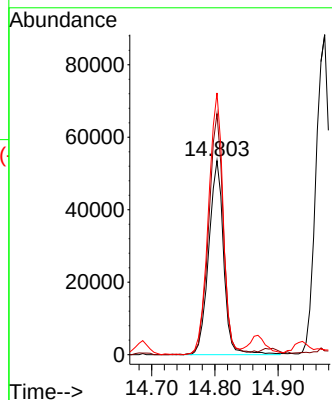
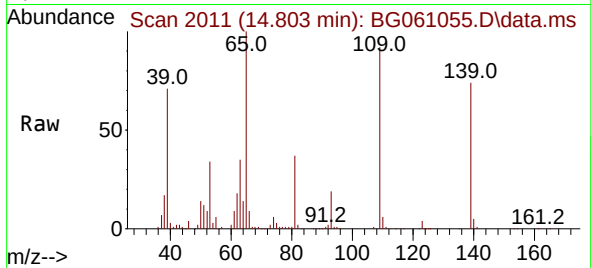
#56
4-Nitrophenol
Concen: 85.307 ng
RT: 14.803 min Scan# 2011
Delta R.T. 0.021 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Instrument :
BNA_G
ClientSampleId :
SOILMSD

Tgt Ion:139 Resp: 8768
Ion Ratio Lower Upper
139 100
109 124.2 104.1 144.1
65 134.9 112.0 152.0

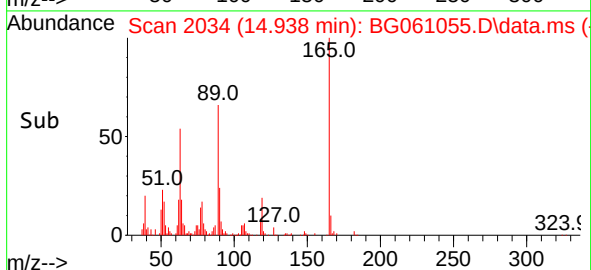
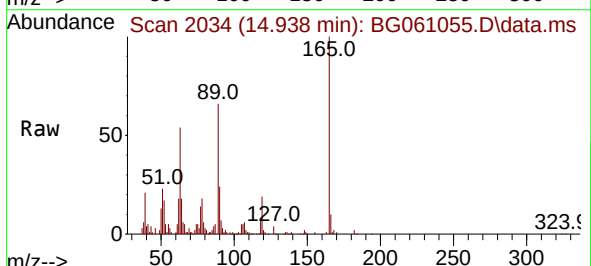
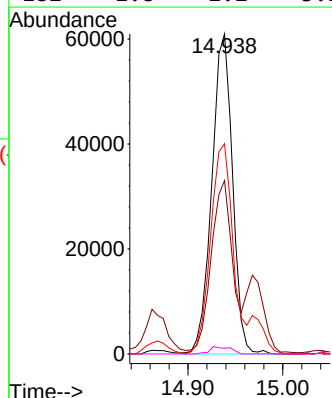
Manual Integrations
APPROVED

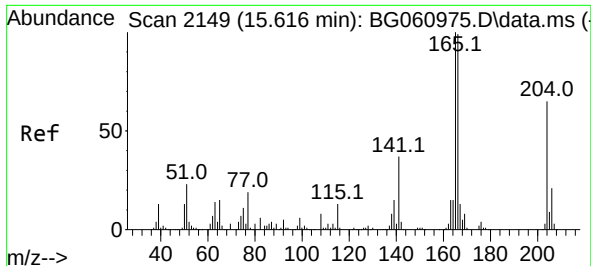
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#57
2,4-Dinitrotoluene
Concen: 44.115 ng
RT: 14.938 min Scan# 2034
Delta R.T. 0.010 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

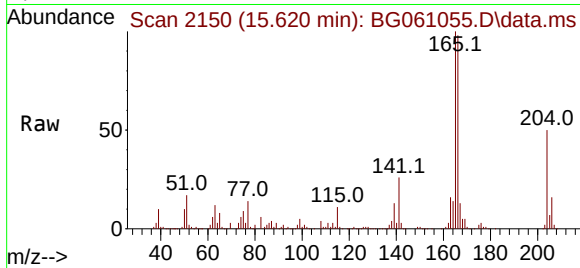
Tgt Ion:165 Resp: 92445
Ion Ratio Lower Upper
165 100
63 54.2 43.4 65.2
89 65.7 58.4 87.6
182 1.8 2.2 3.2#





#58
 Fluorene
 Concen: 42.102 ng
 RT: 15.620 min Scan# 2149
 Delta R.T. 0.004 min
 Lab File: BG061055.D
 Acq: 29 Apr 2024 20:32

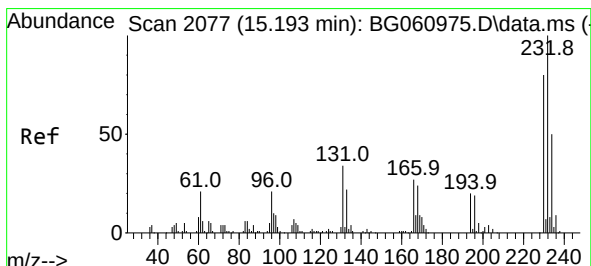
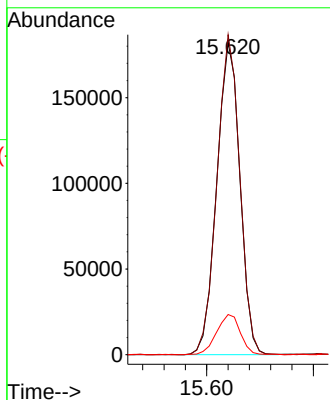
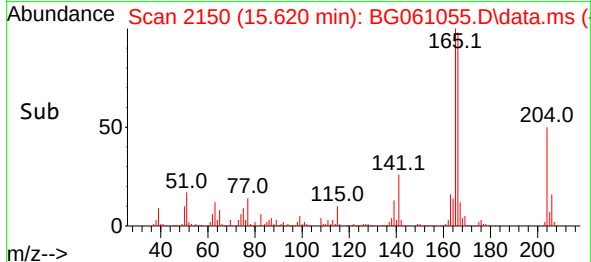
Instrument :
 BNA_G
 ClientSampleId :
 SOILMSD



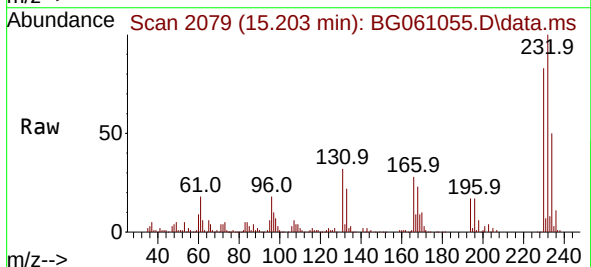
Tgt Ion:166 Resp: 274262
 Ion Ratio Lower Upper
 166 100
 165 102.5 80.9 121.3
 167 12.9 10.5 15.7

Manual Integrations
 APPROVED

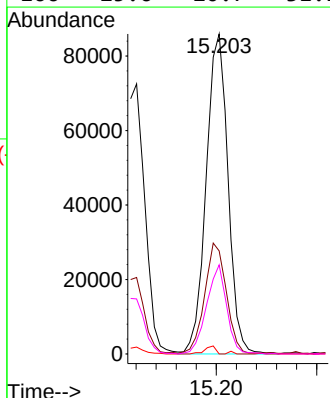
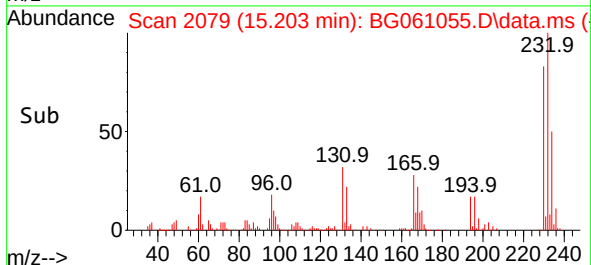
Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/03/2024

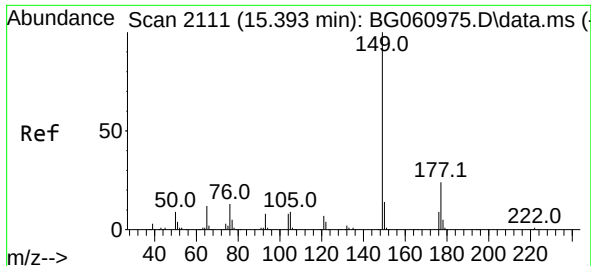


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.029 ng
 RT: 15.203 min Scan# 2079
 Delta R.T. 0.010 min
 Lab File: BG061055.D
 Acq: 29 Apr 2024 20:32



Tgt Ion:232 Resp: 129784
 Ion Ratio Lower Upper
 232 100
 131 33.9 27.4 41.0
 130 1.2 1.5 2.3#
 166 25.6 20.7 31.1





#60
Diethylphthalate
Concen: 42.587 ng
RT: 15.397 min Scan# 2111
Delta R.T. 0.004 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

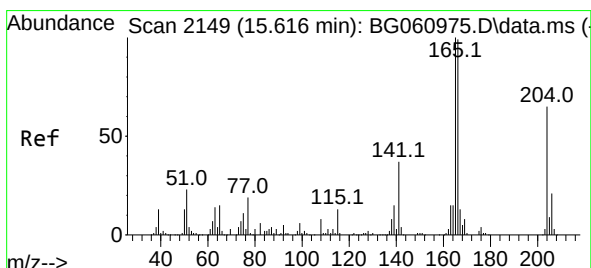
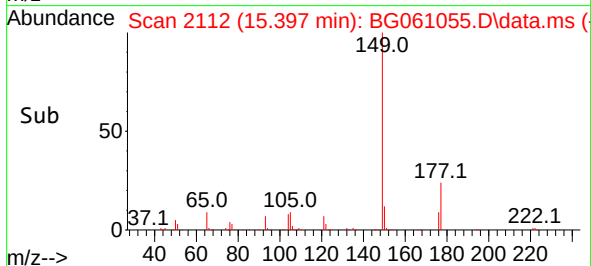
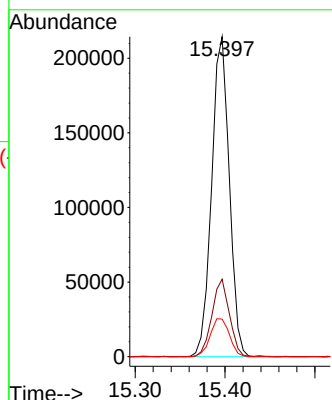
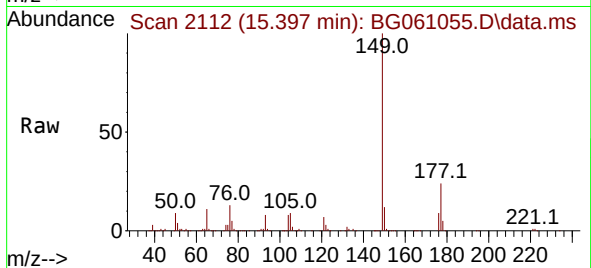
SOILMSD

Tgt Ion:149 Resp: 29245
Ion Ratio Lower Upper
149 100
177 24.2 18.8 28.2
150 11.7 11.2 16.8

Manual Integrations

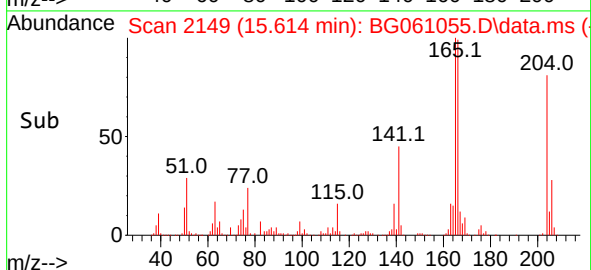
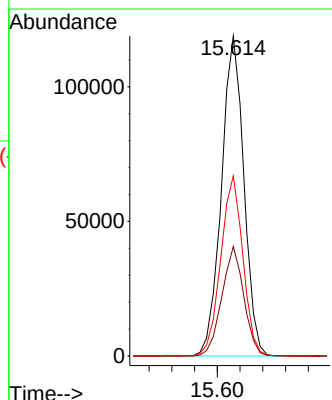
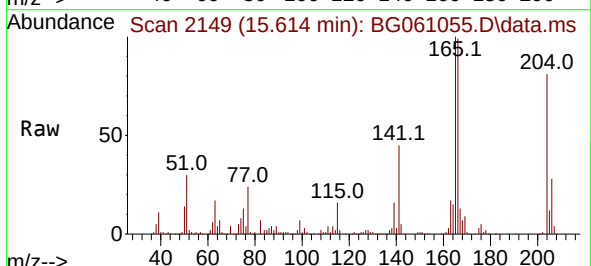
APPROVED

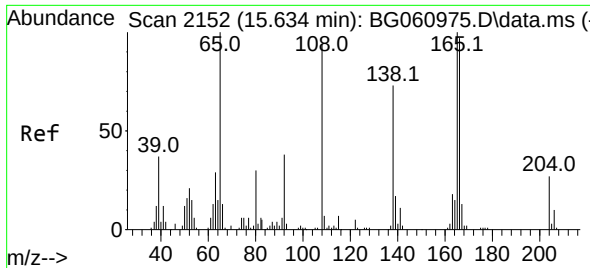
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#61
4-Chlorophenyl-phenylether
Concen: 40.467 ng
RT: 15.614 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Tgt Ion:204 Resp: 162578
Ion Ratio Lower Upper
204 100
206 34.2 25.6 38.4
141 56.3 45.4 68.0





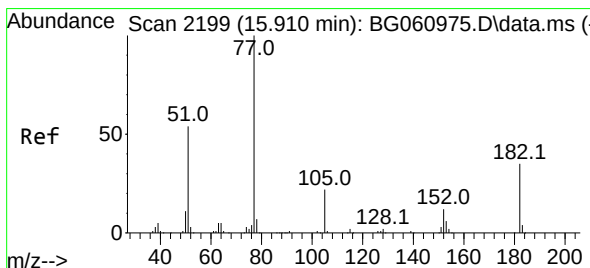
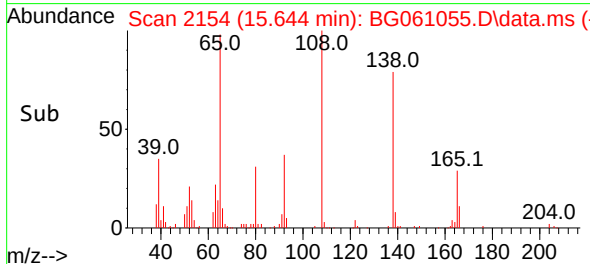
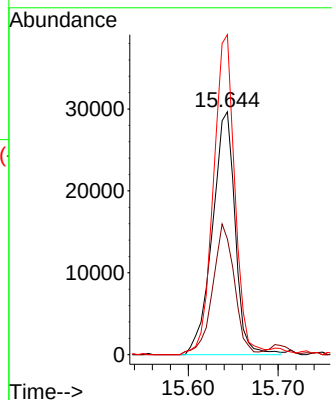
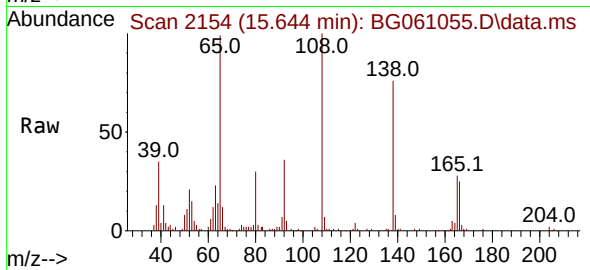
#62
4-Nitroaniline
Concen: 33.754 ng
RT: 15.644 min Scan# 2152
Delta R.T. 0.010 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Instrument :
BNA_G
ClientSampleId :
SOILMSD

Tgt Ion:138 Resp: 52218
Ion Ratio Lower Upper
138 100
92 47.6 32.2 72.2
108 131.7 109.0 149.0

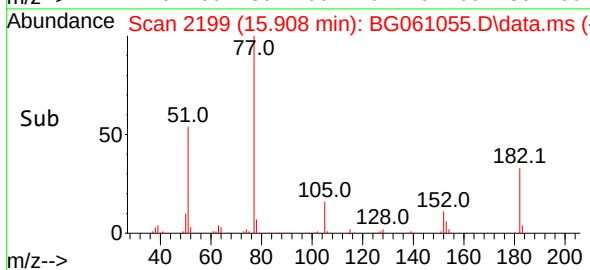
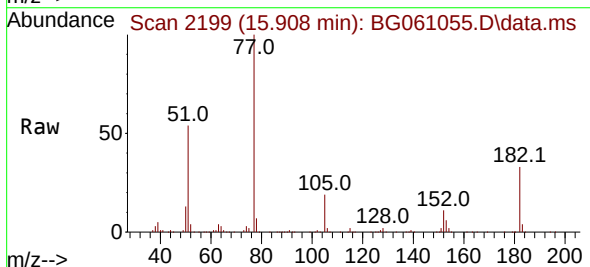
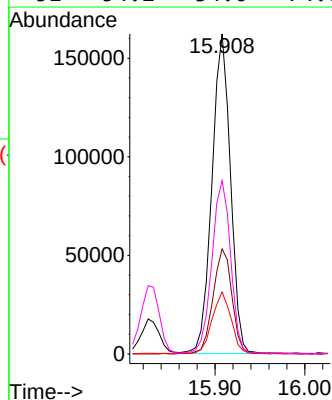
Manual Integrations
APPROVED

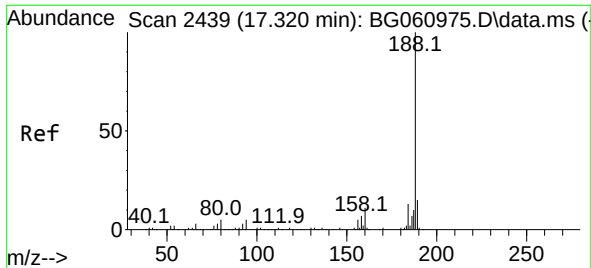
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#63
Azobenzene
Concen: 41.596 ng
RT: 15.908 min Scan# 2199
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Tgt Ion: 77 Resp: 232341
Ion Ratio Lower Upper
77 100
182 32.9 14.5 54.5
105 19.3 1.9 41.9
51 54.2 34.0 74.0





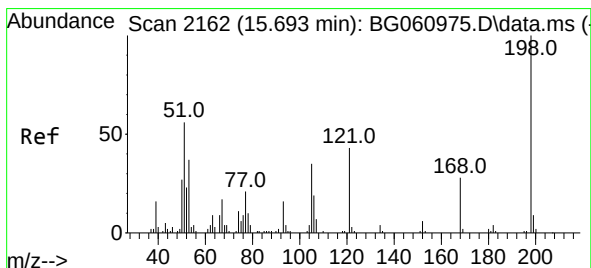
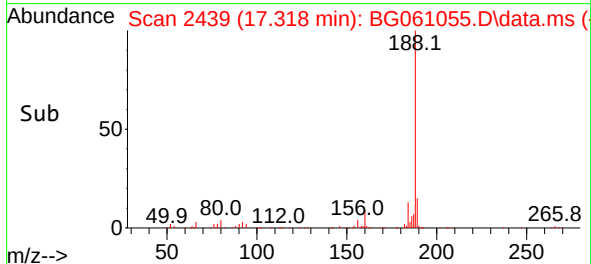
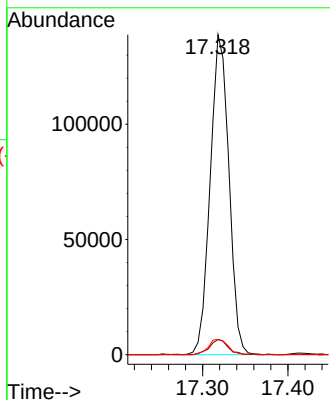
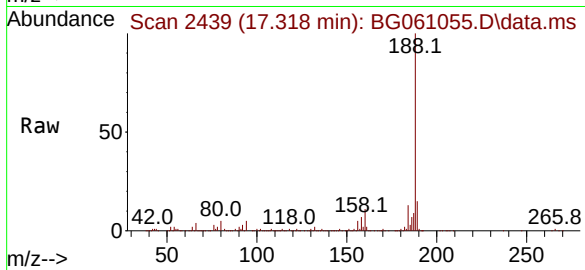
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2439
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Instrument :
BNA_G
ClientSampleId :
SOILMSD

Tgt Ion:188 Resp: 21150
Ion Ratio Lower Upper
188 100
94 4.7 4.1 6.1
80 4.8 4.0 6.0

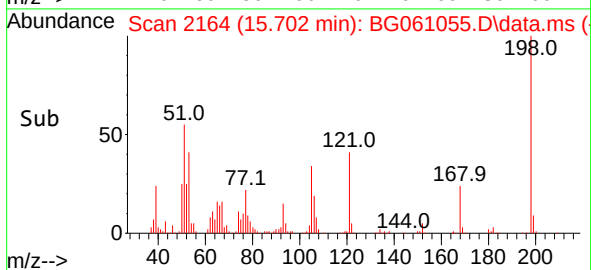
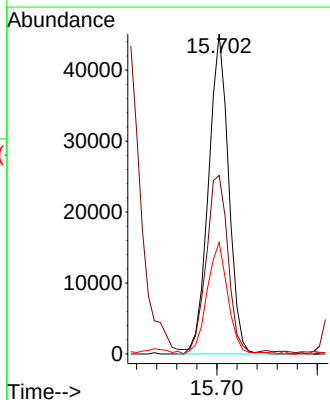
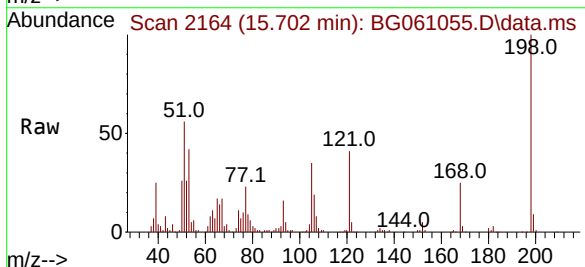
Manual Integrations
APPROVED

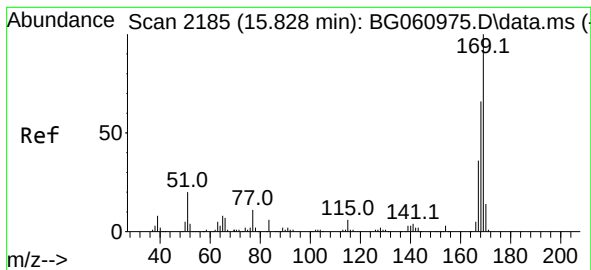
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 48.267 ng
RT: 15.702 min Scan# 2164
Delta R.T. 0.009 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

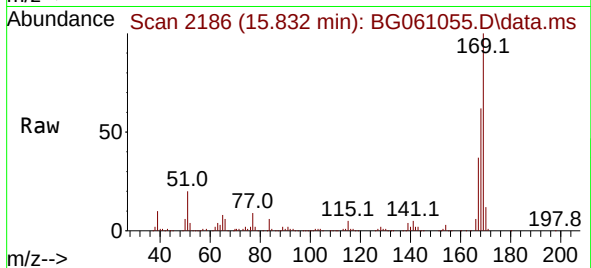
Tgt Ion:198 Resp: 63036
Ion Ratio Lower Upper
198 100
51 55.8 38.6 78.6
105 34.8 14.5 54.5





#66
n-Nitrosodiphenylamine
Concen: 43.458 ng
RT: 15.832 min Scan# 2185
Delta R.T. 0.004 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

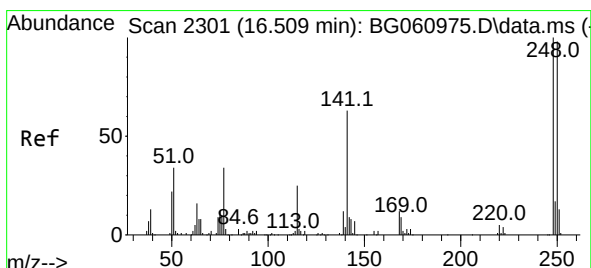
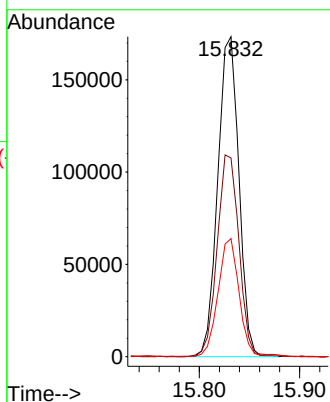
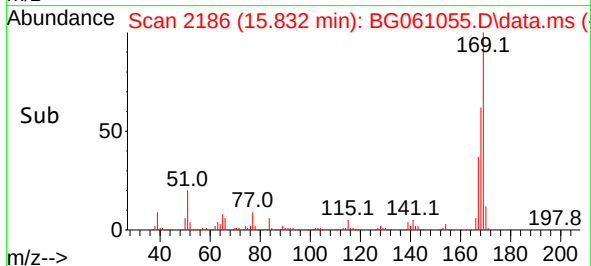
Instrument :
BNA_G
ClientSampleId :
SOILMSD



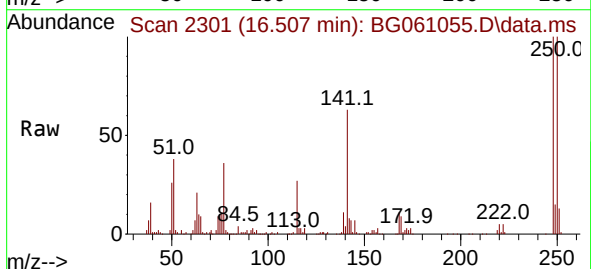
Tgt Ion:169 Resp: 253238
Ion Ratio Lower Upper
169 100
168 62.1 52.5 78.7
167 36.9 28.8 43.2

Manual Integrations
APPROVED

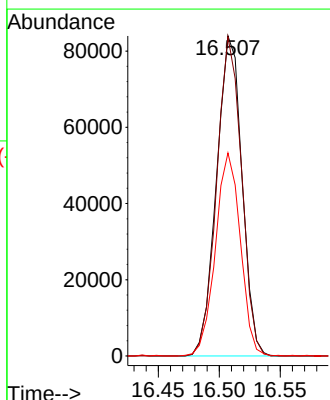
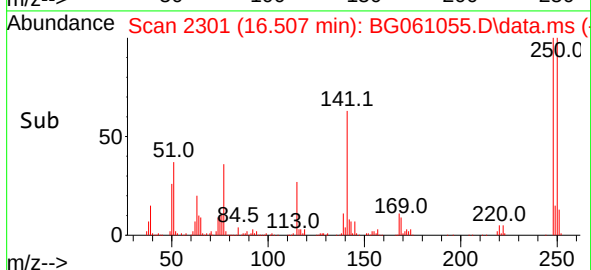
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

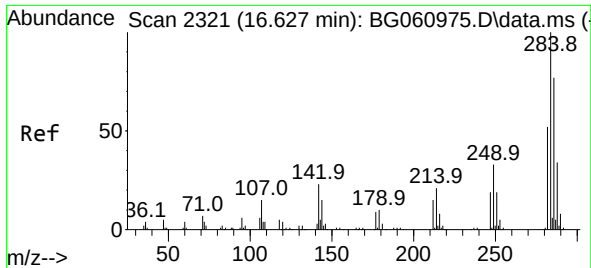


#67
4-Bromophenyl-phenylether
Concen: 43.715 ng
RT: 16.507 min Scan# 2301
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32



Tgt Ion:248 Resp: 122024
Ion Ratio Lower Upper
248 100
250 99.8 78.7 118.1
141 63.5 50.4 75.6





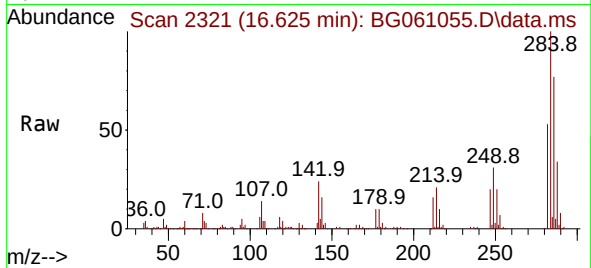
#68
Hexachlorobenzene
Concen: 47.315 ng
RT: 16.625 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SOILMSD

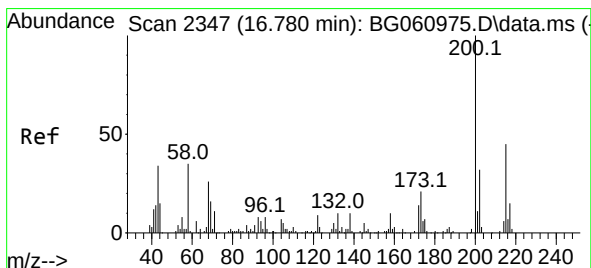
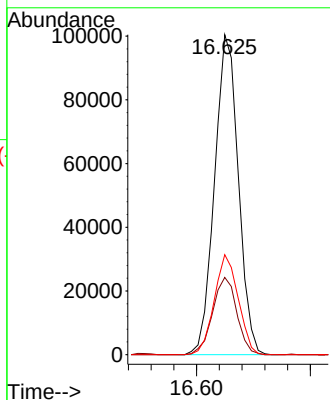
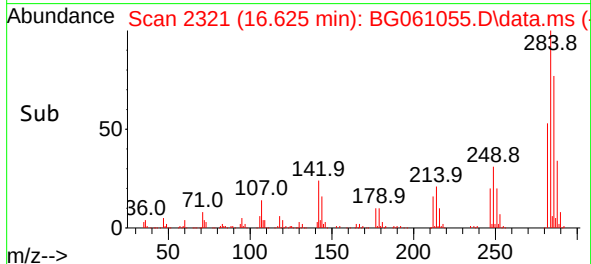


Tgt Ion:284 Resp: 145880
Ion Ratio Lower Upper
284 100
142 24.1 18.7 28.1
249 31.2 26.4 39.6

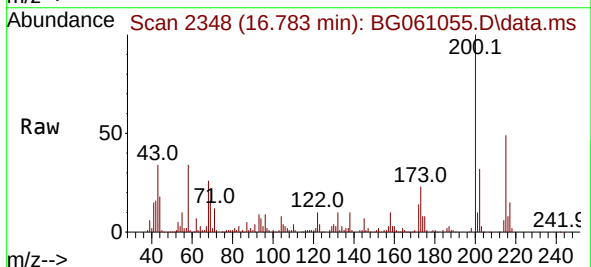
Manual Integrations

APPROVED

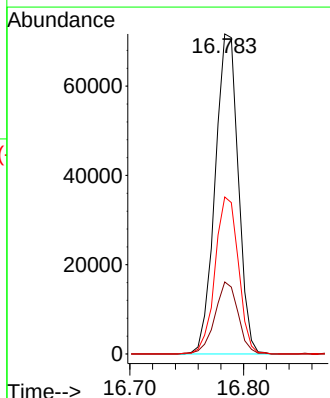
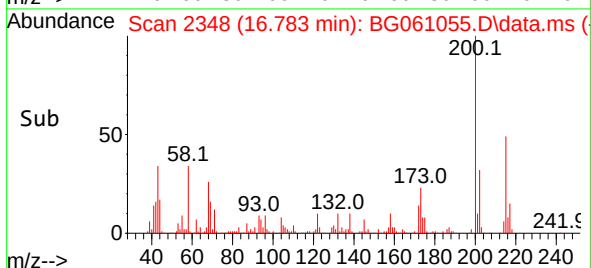
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

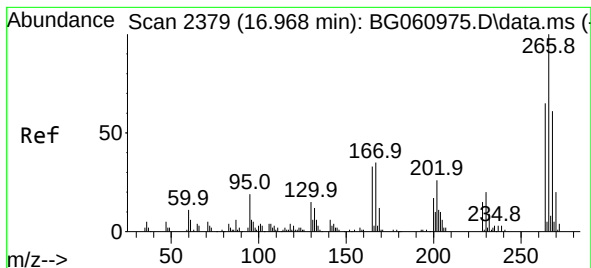


#69
Atrazine
Concen: 46.450 ng
RT: 16.783 min Scan# 2348
Delta R.T. 0.004 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32



Tgt Ion:200 Resp: 101303
Ion Ratio Lower Upper
200 100
173 22.5 1.4 41.4
215 49.0 25.3 65.3





#70

Pentachlorophenol

Concen: 447.900 ng

RT: 16.983 min Scan# 21

Delta R.T. 0.015 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SOILMSD

Tgt Ion:266 Resp: 90555

Ion Ratio Lower Upper

266 100

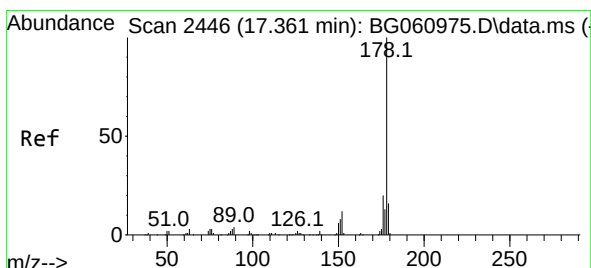
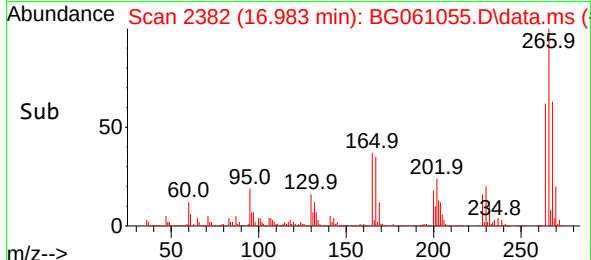
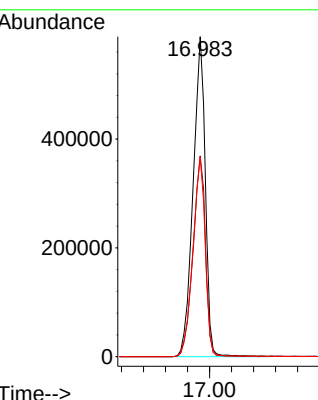
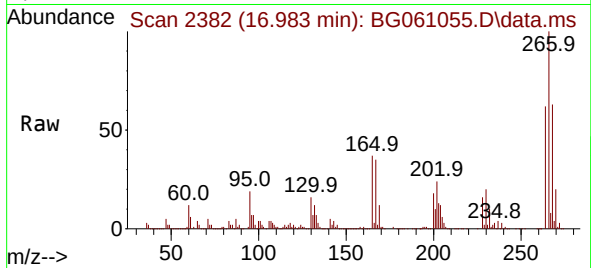
268 62.7 49.1 73.7

264 62.4 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#71

Phenanthrene

Concen: 43.305 ng

RT: 17.365 min Scan# 2447

Delta R.T. 0.004 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

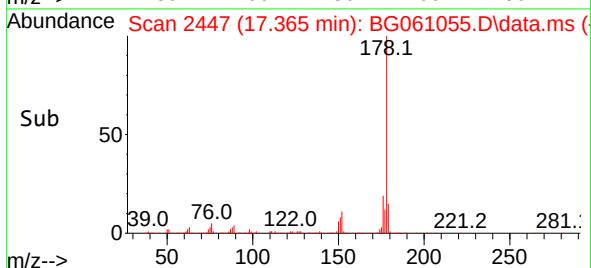
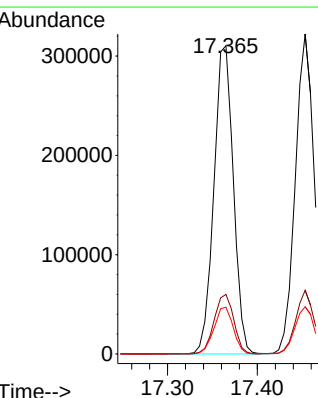
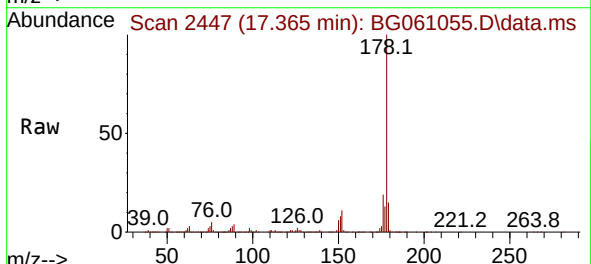
Tgt Ion:178 Resp: 467518

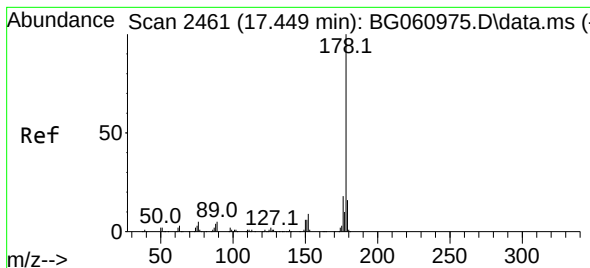
Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

179 15.2 12.5 18.7





#72

Anthracene

Concen: 41.983 ng

RT: 17.453 min Scan# 2461

Delta R.T. 0.004 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SOILMSD

Tgt Ion:178 Resp: 46680

Ion Ratio Lower Upper

178 100

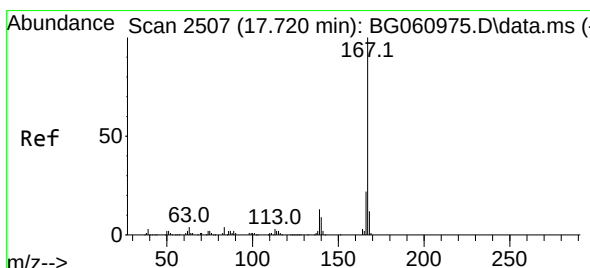
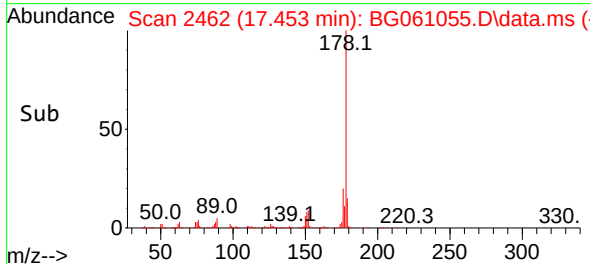
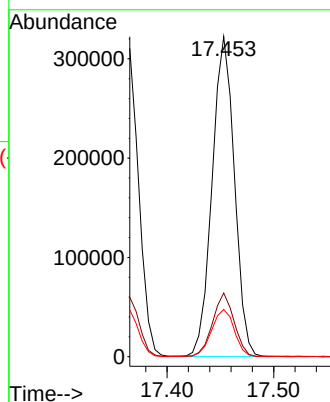
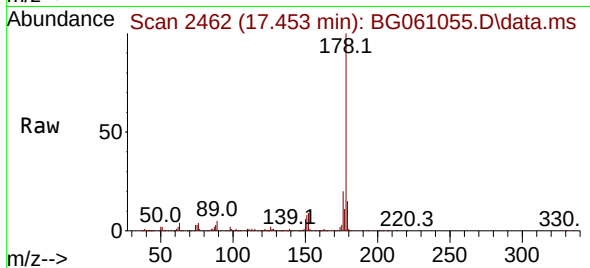
176 19.9 14.7 22.1

179 14.8 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#73

Carbazole

Concen: 43.274 ng

RT: 17.723 min Scan# 2508

Delta R.T. 0.004 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

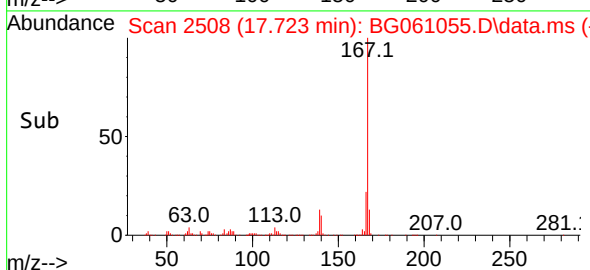
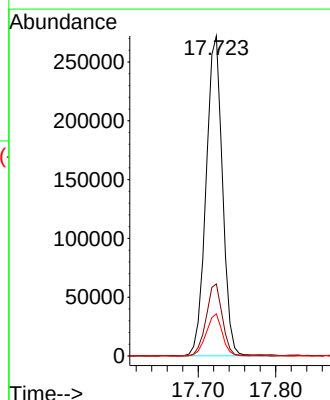
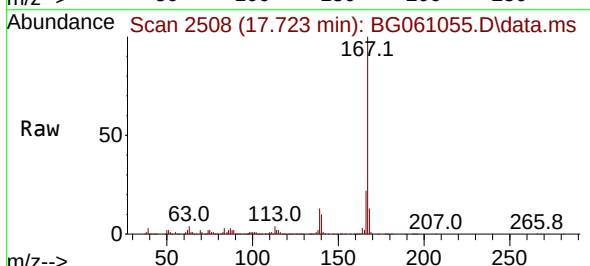
Tgt Ion:167 Resp: 399604

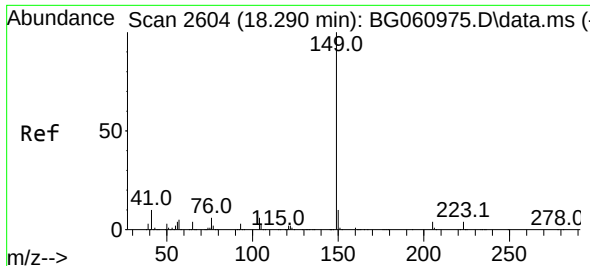
Ion Ratio Lower Upper

167 100

166 22.5 17.8 26.8

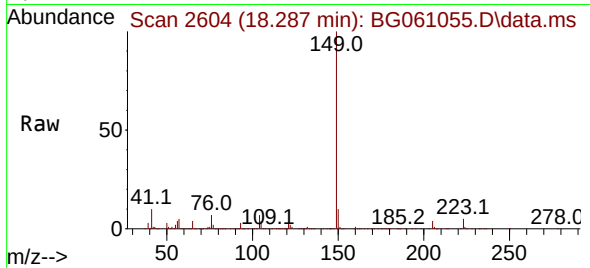
139 13.1 10.2 15.2





#74
Di-n-butylphthalate
Concen: 42.843 ng
RT: 18.287 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

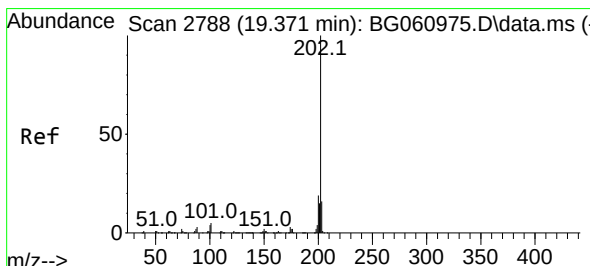
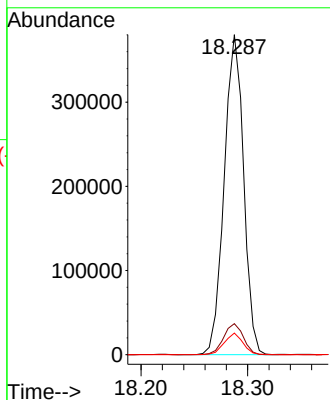
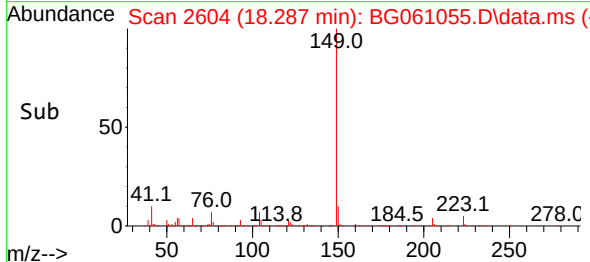
Instrument :
BNA_G
ClientSampleId :
SOILMSD



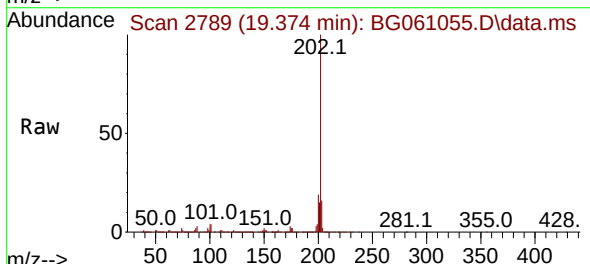
Tgt Ion:149 Resp: 480330
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 6.7 5.0 7.6

Manual Integrations
APPROVED

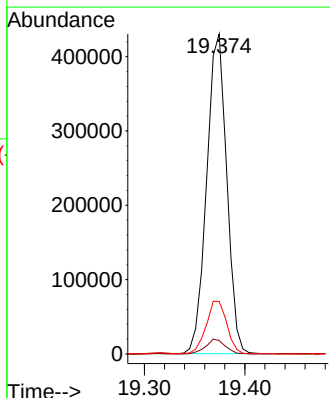
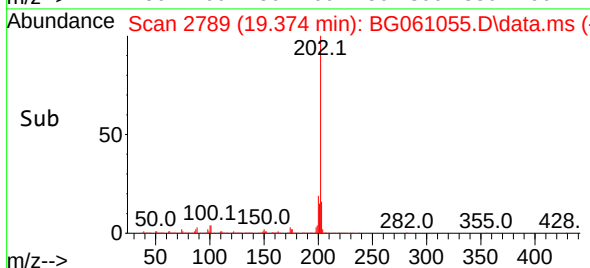
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

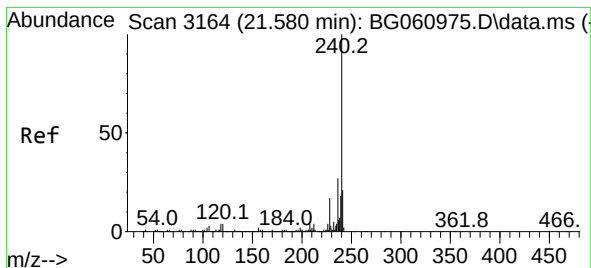


#75
Fluoranthene
Concen: 41.769 ng
RT: 19.374 min Scan# 2789
Delta R.T. 0.004 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32



Tgt Ion:202 Resp: 598461
Ion Ratio Lower Upper
202 100
101 4.2 0.0 24.9
203 16.5 0.0 36.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.578 min Scan# 3164

Delta R.T. -0.002 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SOILMSD

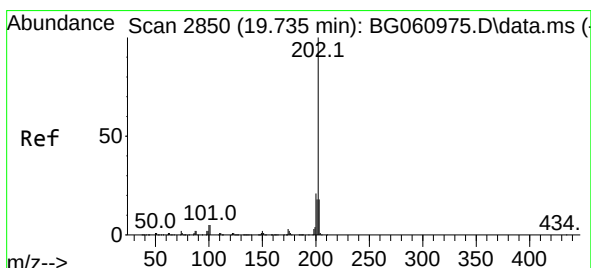
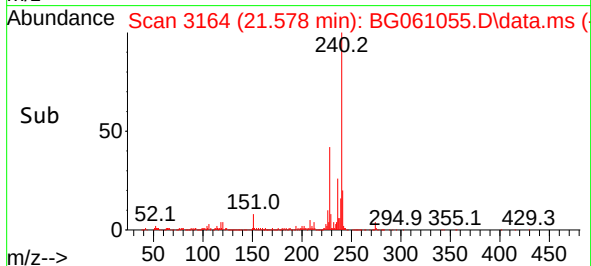
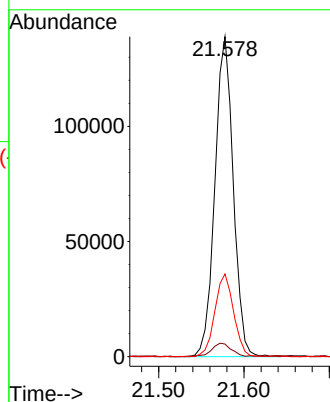
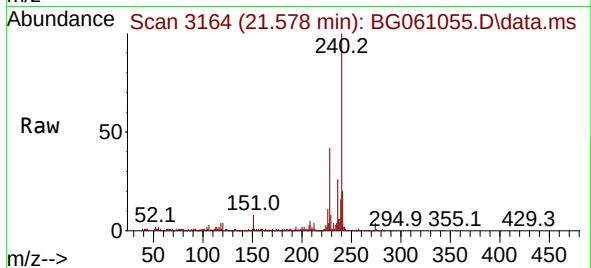
Tgt Ion:240 Resp: 20849

Ion	Ratio	Lower	Upper
240	100		
120	4.0	3.0	4.6
236	25.8	21.8	32.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#78

Pyrene

Concen: 43.136 ng

RT: 19.733 min Scan# 2850

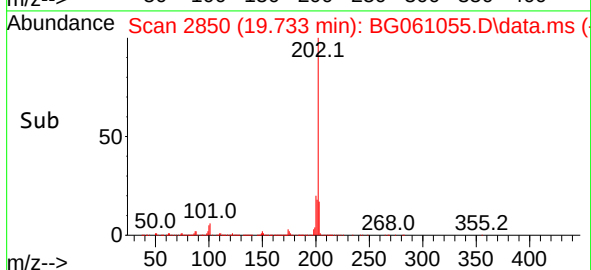
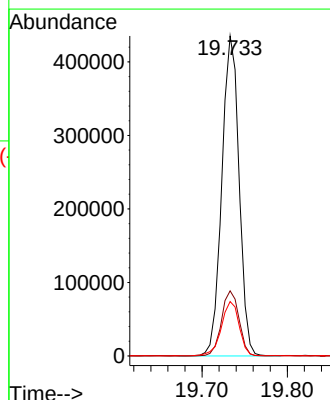
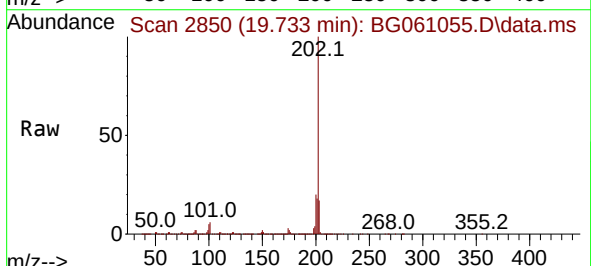
Delta R.T. -0.002 min

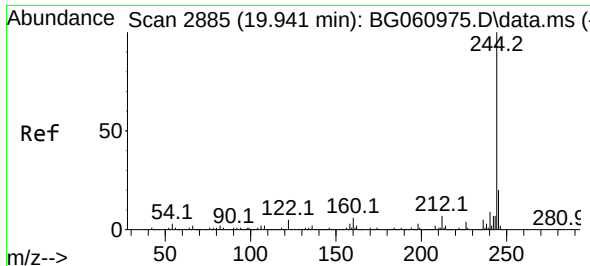
Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

Tgt Ion:202 Resp: 612356

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.8	25.2
203	17.0	14.2	21.2





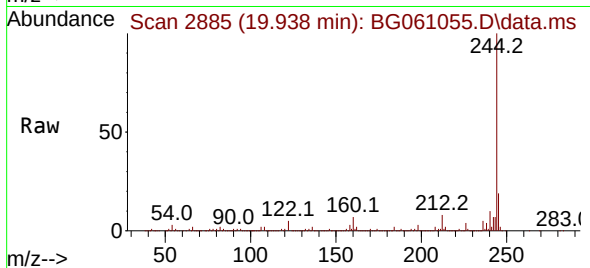
#79
 Terphenyl-d14
 Concen: 79.755 ng
 RT: 19.938 min Scan# 2885
 Delta R.T. -0.002 min
 Lab File: BG061055.D
 Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SOILMSD

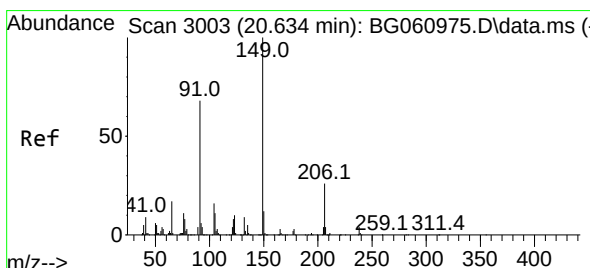
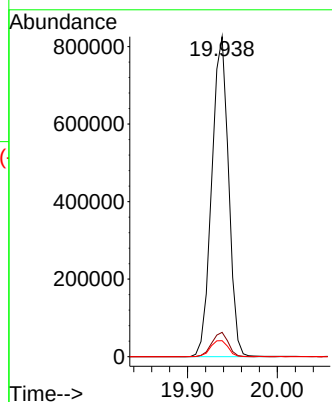
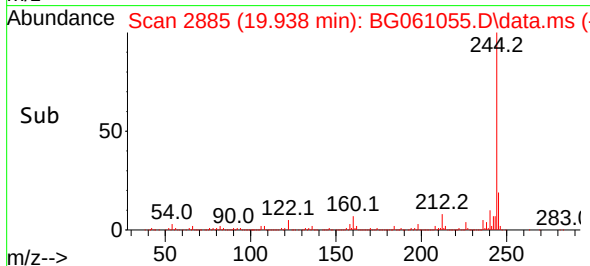


Tgt Ion:244 Resp: 1071249
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 5.0 4.2 6.2

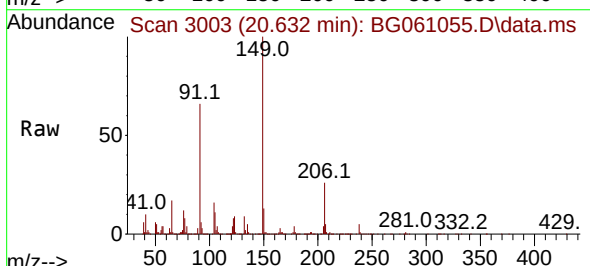
Manual Integrations

APPROVED

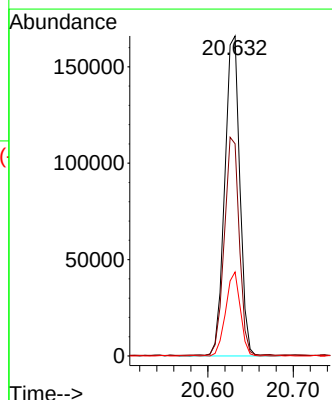
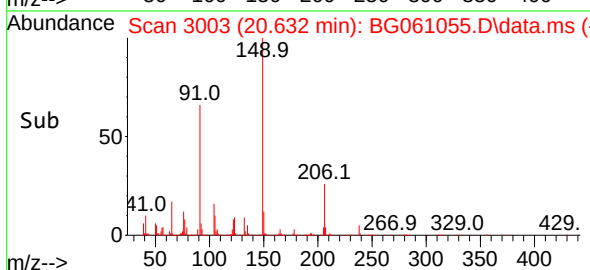
Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/03/2024

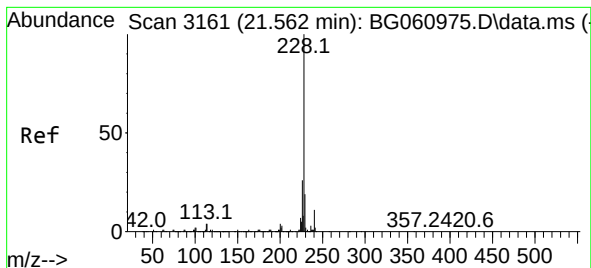


#80
 Butylbenzylphthalate
 Concen: 43.239 ng
 RT: 20.632 min Scan# 3003
 Delta R.T. -0.002 min
 Lab File: BG061055.D
 Acq: 29 Apr 2024 20:32



Tgt Ion:149 Resp: 204591
 Ion Ratio Lower Upper
 149 100
 91 66.3 54.4 81.6
 206 26.3 20.8 31.2





#81

Benzo(a)anthracene

Concen: 44.606 ng

RT: 21.560 min Scan# 3161

Delta R.T. -0.002 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SOILMSD

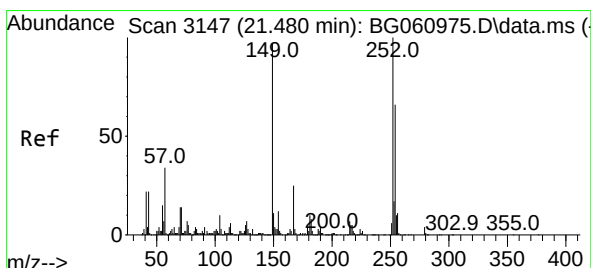
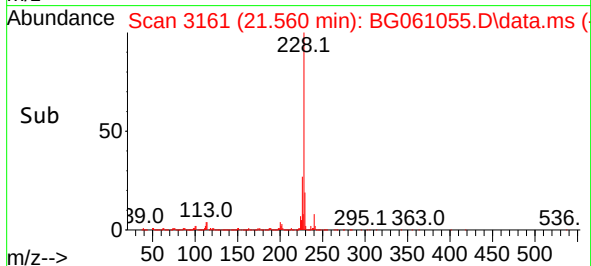
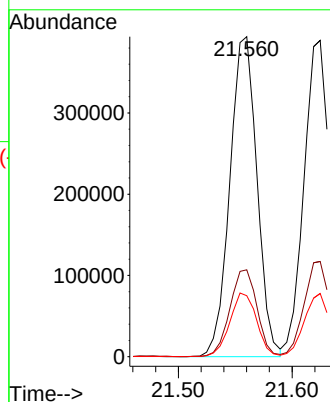
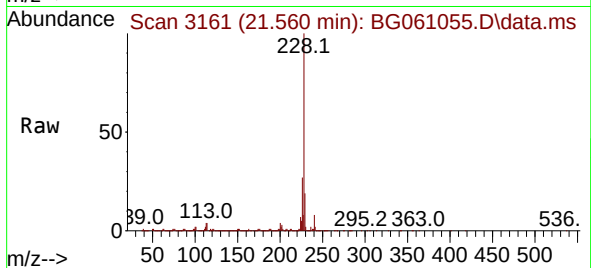
Tgt Ion:228 Resp: 65384

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.0	31.4
229	19.0	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#82

3,3'-Dichlorobenzidine

Concen: 11.888 ng

RT: 21.472 min Scan# 3146

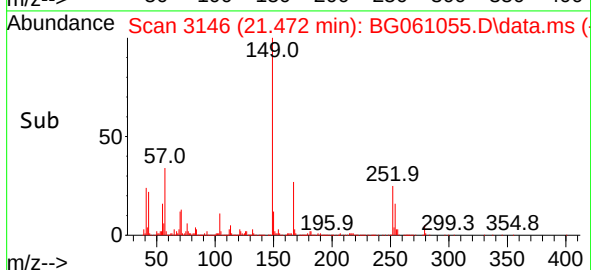
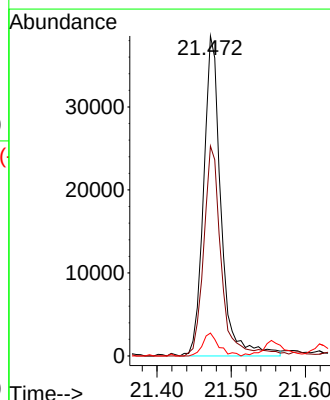
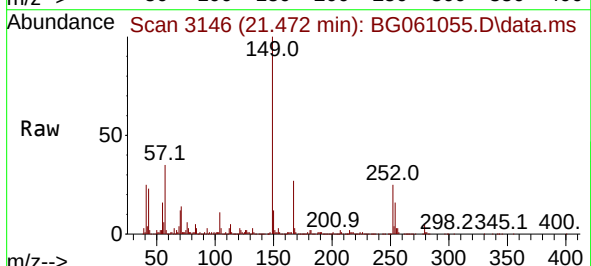
Delta R.T. -0.008 min

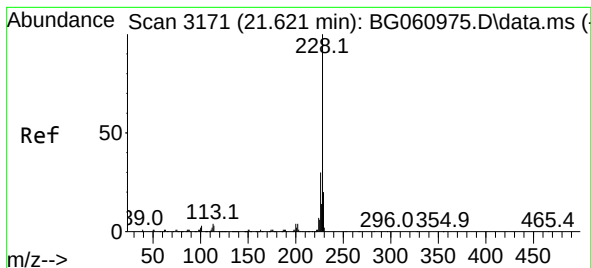
Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

Tgt Ion:252 Resp: 62977

Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.7	79.1
126	7.1	4.2	6.2





#83

Chrysene

Concen: 44.057 ng

RT: 21.625 min Scan# 3171

Delta R.T. 0.004 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

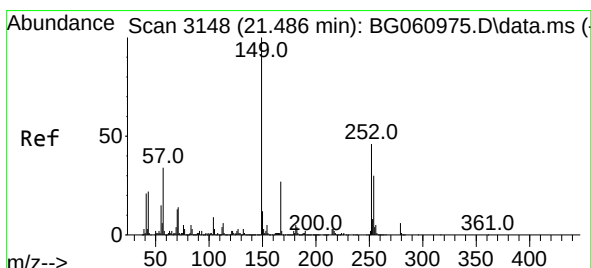
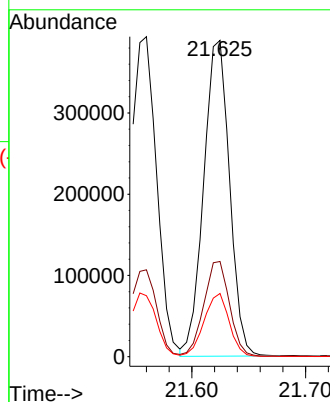
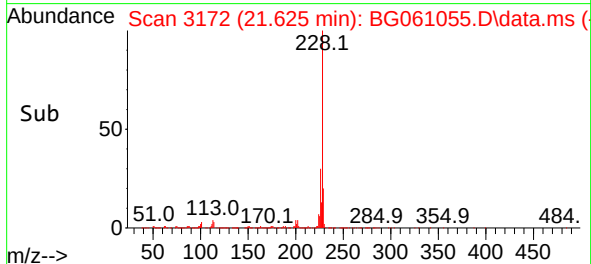
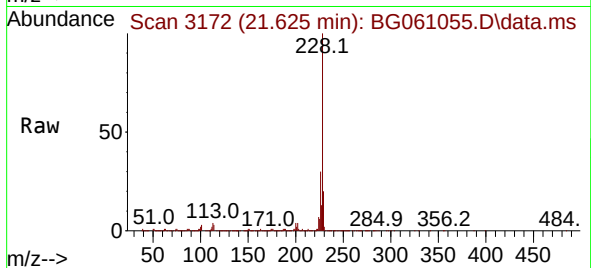
SOILMSD

Tgt Ion:228 Resp: 61484
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.2 36.2
 229 20.0 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
 Supervised By :mohammad ahmed 05/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.061 ng

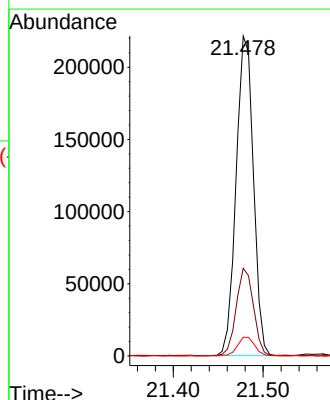
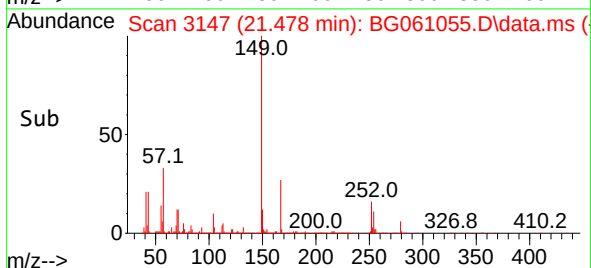
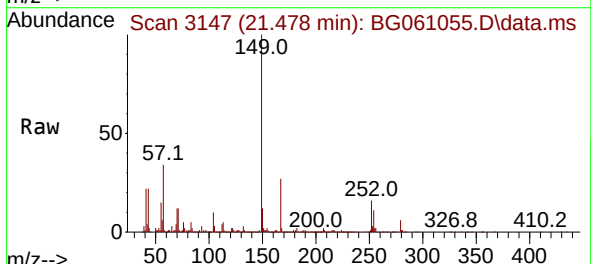
RT: 21.478 min Scan# 3147

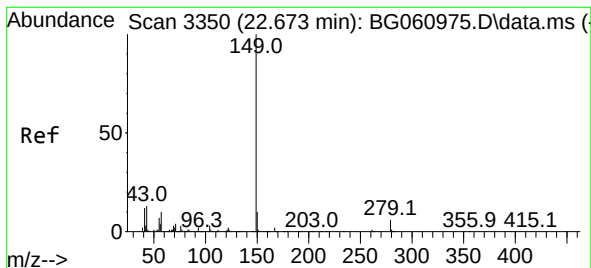
Delta R.T. -0.008 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

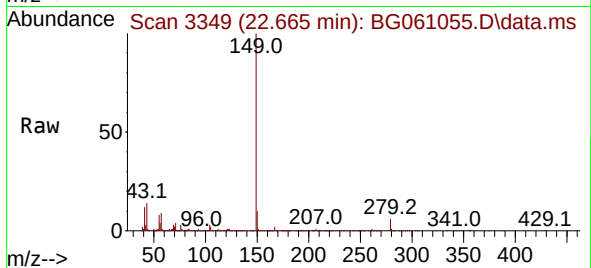
Tgt Ion:149 Resp: 296224
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.8 32.8
 279 5.8 4.4 6.6





#85
Di-n-octyl phthalate
Concen: 43.767 ng
RT: 22.665 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

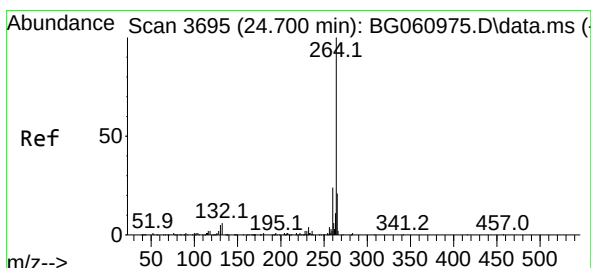
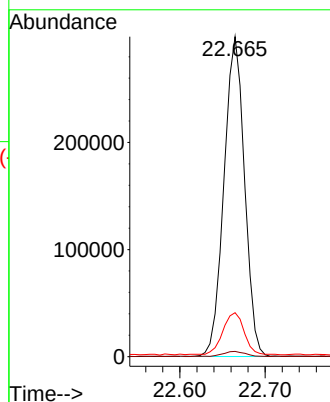
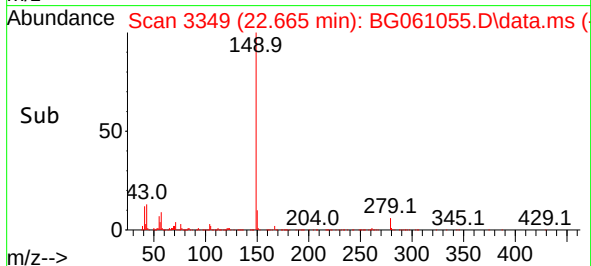
Instrument :
BNA_G
ClientSampleId :
SOILMSD



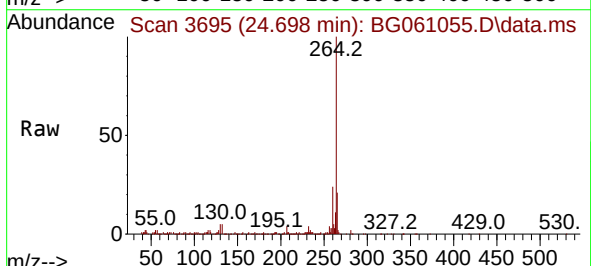
Tgt Ion:149 Resp: 499872
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 13.7 11.0 16.6

Manual Integrations
APPROVED

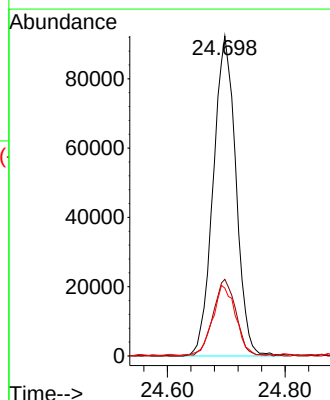
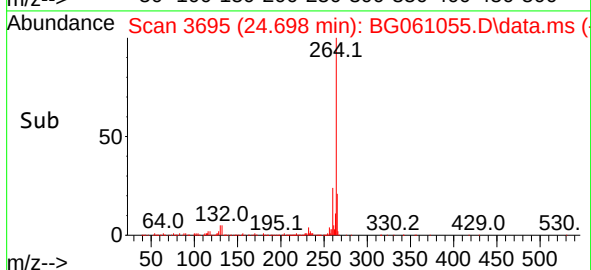
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

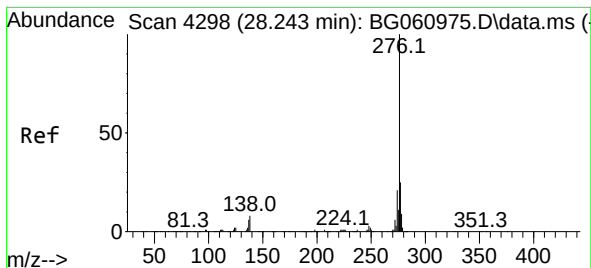


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.698 min Scan# 3695
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32



Tgt Ion:264 Resp: 247153
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.759 ng

RT: 28.246 min Scan# 4298

Delta R.T. 0.004 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SOILMSD

Tgt Ion:276 Resp: 818834

Ion Ratio Lower Upper

276 100

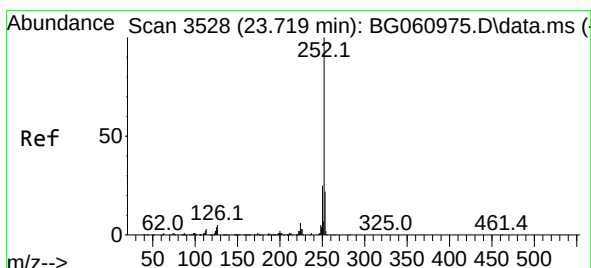
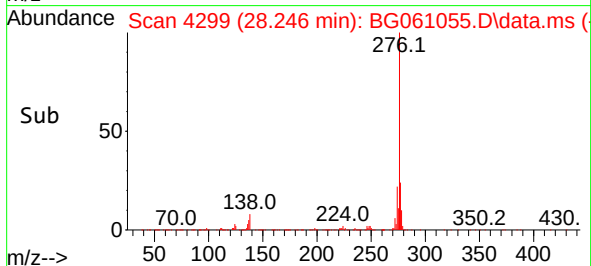
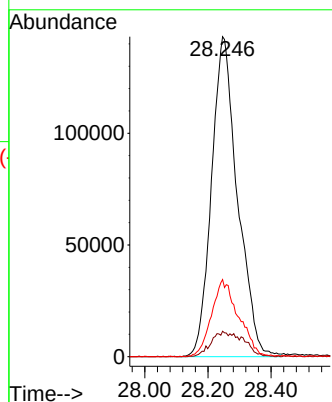
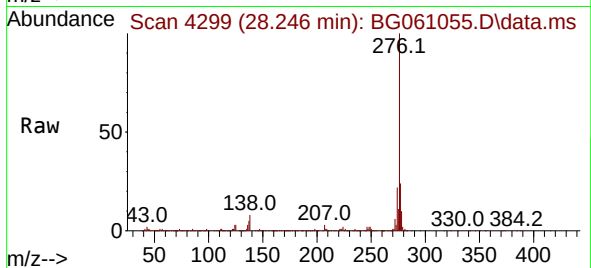
138 5.1 5.3 7.9

277 25.0 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#88

Benzo(b)fluoranthene

Concen: 46.469 ng

RT: 23.716 min Scan# 3528

Delta R.T. -0.002 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

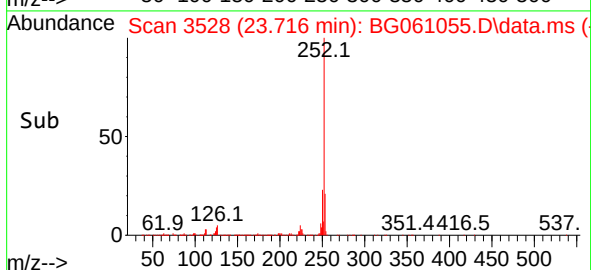
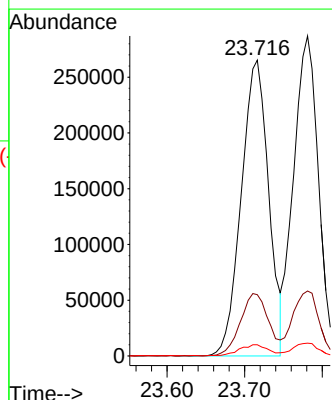
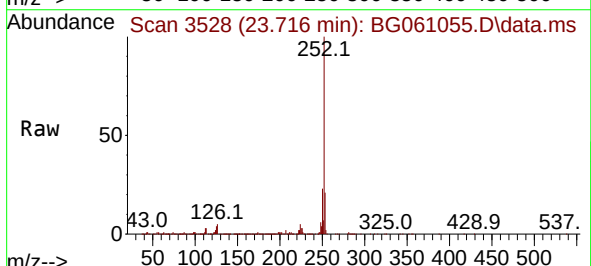
Tgt Ion:252 Resp: 650845

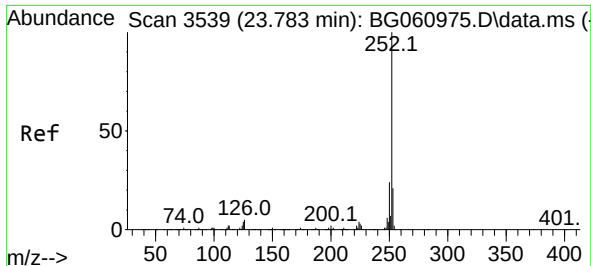
Ion Ratio Lower Upper

252 100

253 20.7 17.5 26.3

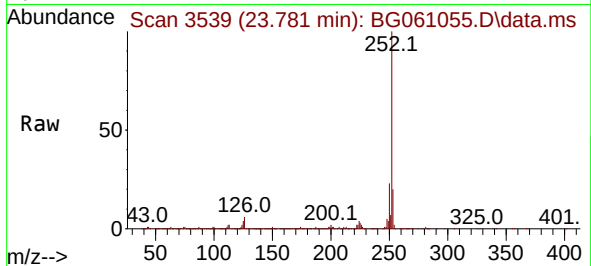
125 3.8 3.3 4.9





#89
Benzo(k)fluoranthene
Concen: 45.000 ng
RT: 23.781 min Scan# 3539
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32

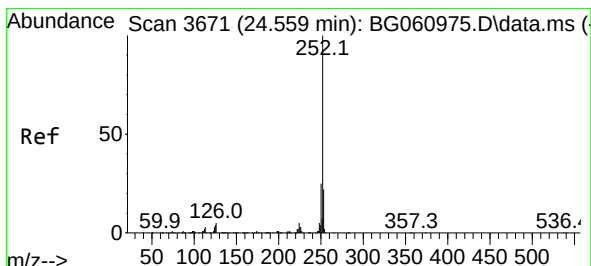
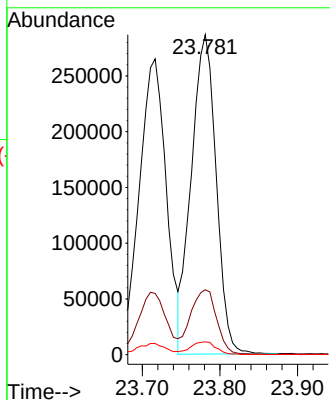
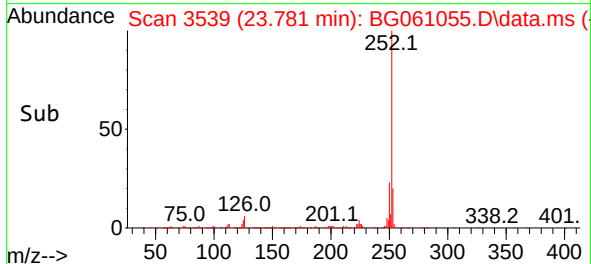
Instrument :
BNA_G
ClientSampleId :
SOILMSD



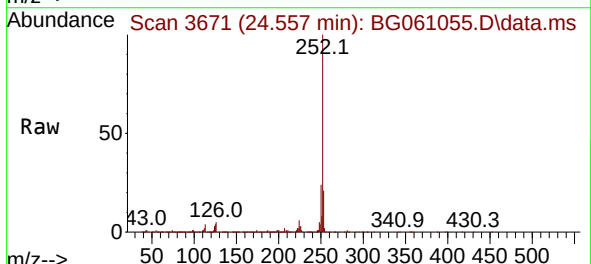
Tgt Ion:252 Resp: 636248
Ion Ratio Lower Upper
252 100
253 20.3 16.6 25.0
125 4.0 3.3 4.9

Manual Integrations
APPROVED

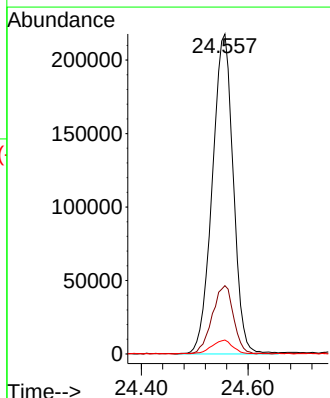
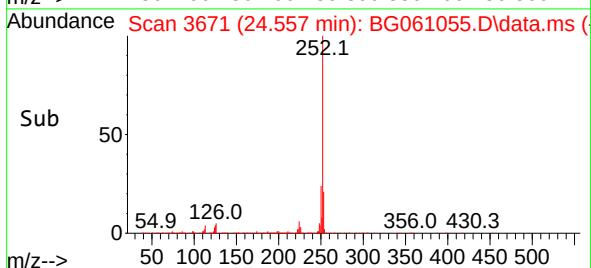
Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

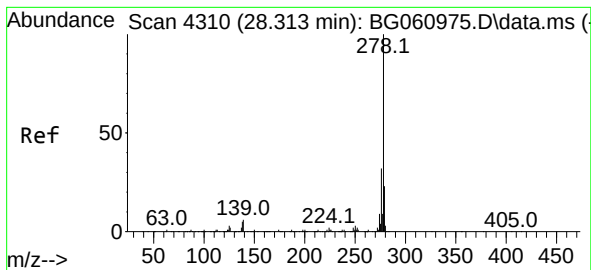


#90
Benzo(a)pyrene
Concen: 43.809 ng
RT: 24.557 min Scan# 3671
Delta R.T. -0.002 min
Lab File: BG061055.D
Acq: 29 Apr 2024 20:32



Tgt Ion:252 Resp: 593909
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 4.4 3.6 5.4





#91

Dibenzo(a,h)anthracene

Concen: 47.166 ng

RT: 28.311 min Scan# 41

Delta R.T. -0.002 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

Instrument :

BNA_G

ClientSampleId :

SOILMSD

Tgt Ion:278 Resp: 66069

Ion Ratio Lower Upper

278 100

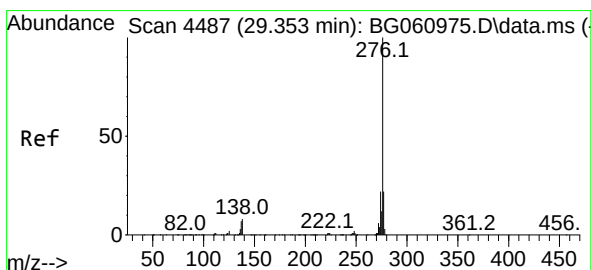
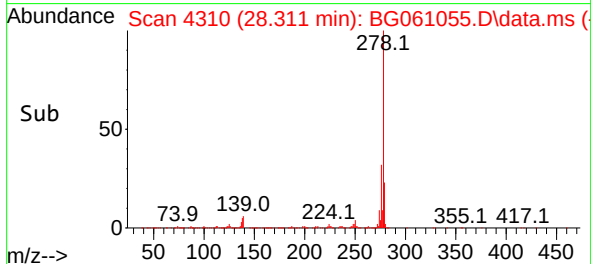
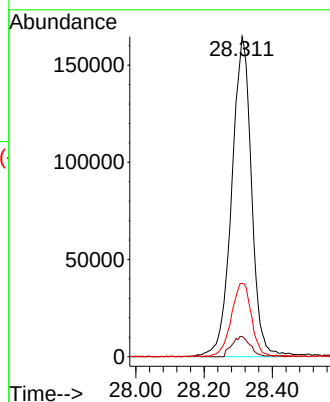
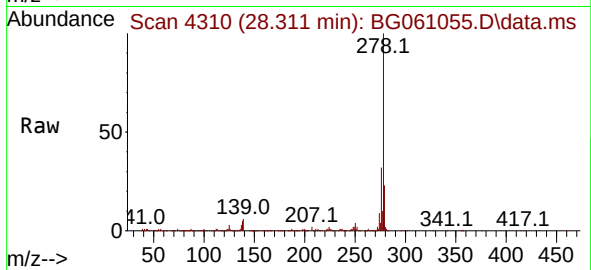
139 6.3 4.7 7.1

279 22.8 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024



#92

Benzo(g,h,i)perylene

Concen: 44.705 ng

RT: 29.357 min Scan# 4488

Delta R.T. 0.004 min

Lab File: BG061055.D

Acq: 29 Apr 2024 20:32

Tgt Ion:276 Resp: 620903

Ion Ratio Lower Upper

276 100

277 23.7 18.0 27.0

138 7.0 6.5 9.7

