

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064276.D
 Acq On : 4 Sep 2025 8:17
 Operator : RC/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL 5PPM
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Quant Time: Sep 04 11:23:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/04/2025
 Supervised By :Jagrut Upadhyay 09/04/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.848	152	30853	20.000	ng	-0.01
21) Naphthalene-d8	10.639	136	147577	20.000	ng	-0.01
39) Acenaphthene-d10	14.475	164	120767	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	281842	20.000	ng	0.00
76) Chrysene-d12	21.444	240	223170	20.000	ng	-0.01
86) Perylene-d12	24.452	264	244926	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.433	112	217742	126.616	ng	-0.01
7) Phenol-d6	7.019	99	334214	141.462	ng	-0.01
23) Nitrobenzene-d5	9.005	82	264408	99.922	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	247812	154.920	ng	0.00
45) 2-Fluorobiphenyl	13.100	172	733826	92.747	ng	-0.01
79) Terphenyl-d14	19.840	244	1088715	101.781	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.353	88	3223	4.496	ng	91
3) Pyridine	3.747	79	9600	4.550	ng	# 61
6) Aniline	7.178	93	16774	5.134	ng	# 90
8) 2-Chlorophenol	7.413	128	12084	5.750	ng	93
10) Phenol	7.043	94	12956	4.974	ng	90
11) bis(2-Chloroethyl)ether	7.272	93	9413	4.809	ng	91
12) 1,3-Dichlorobenzene	7.736	146	11818m	5.286	ng	
13) 1,4-Dichlorobenzene	7.883	146	11792	5.226	ng	94
14) 1,2-Dichlorobenzene	8.200	146	11386	5.229	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.371	45	20634	4.617	ng	96
17) 2-Methylphenol	8.283	107	9121	4.698	ng	94
18) Hexachloroethane	8.923	117	4533	5.147	ng	# 78
19) n-Nitroso-di-n-propyla...	8.647	70	9759	5.397	ng	# 80
22) Acetophenone	8.659	105	19220	5.148	ng	97
24) Nitrobenzene	9.041	77	15074	5.452	ng	98
25) Isophorone	9.563	82	29348	5.336	ng	# 97
26) 2-Nitrophenol	9.751	139	6392	5.351	ng	97
27) 2,4-Dimethylphenol	9.816	122	11601	5.531	ng	96
28) bis(2-Chloroethoxy)met...	10.045	93	15097	5.091	ng	# 90
29) 2,4-Dichlorophenol	10.280	162	10934	4.941	ng	98
30) 1,2,4-Trichlorobenzene	10.498	180	12431	5.327	ng	96
31) Naphthalene	10.686	128	38818	5.072	ng	# 93
33) 4-Chloroaniline	10.791	127	17025	5.740	ng	98
34) Hexachlorobutadiene	10.974	225	10194	5.910	ng	92
36) 4-Chloro-3-methylphenol	11.919	107	15653	5.452	ng	98
37) 2-Methylnaphthalene	12.301	142	28488	5.008	ng	90
38) 1-Methylnaphthalene	12.519	142	29254m	5.207	ng	
40) 1,2,4,5-Tetrachloroben...	12.666	216	16703	4.794	ng	98
43) 2,4,6-Trichlorophenol	12.907	196	11835	5.082	ng	88
44) 2,4,5-Trichlorophenol	12.977	196	12862	5.091	ng	97
46) 1,1'-Biphenyl	13.312	154	44145	5.019	ng	94
47) 2-Chloronaphthalene	13.353	162	31310	4.735	ng	96
48) 2-Nitroaniline	13.547	65	11802	5.236	ng	90
49) Acenaphthylene	14.193	152	54733	5.599	ng	# 97
50) Dimethylphthalate	13.929	163	47973	5.248	ng	# 95
51) 2,6-Dinitrotoluene	14.046	165	10097	5.706	ng	95

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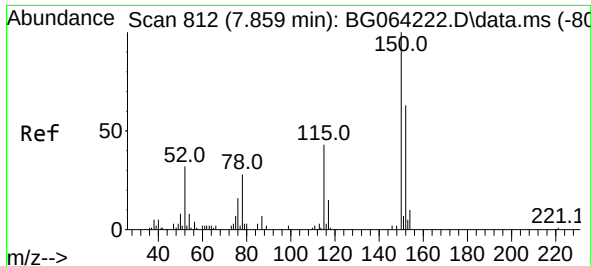
Quant Time: Sep 04 11:23:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
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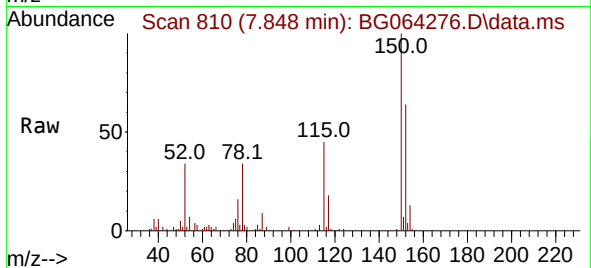
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.540	154	33998	4.928	ng	93
53) 3-Nitroaniline	14.375	138	9418	5.081	ng #	97
55) Dibenzofuran	14.875	168	56522	5.209	ng	94
57) 2,4-Dinitrotoluene	14.834	165	14390	5.378	ng	90
58) Fluorene	15.521	166	48823	5.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	13811m	5.684	ng	
60) Diethylphthalate	15.298	149	48948	5.003	ng	97
61) 4-Chlorophenyl-phenyle...	15.521	204	24385	5.499	ng	95
62) 4-Nitroaniline	15.533	138	7910	4.182	ng	87
63) Azobenzene	15.815	77	45588	5.228	ng	95
66) n-Nitrosodiphenylamine	15.733	169	40679	5.247	ng	94
67) 4-Bromophenyl-phenylether	16.414	248	15815	5.283	ng	97
68) Hexachlorobenzene	16.526	284	18080	5.439	ng	98
69) Atrazine	16.679	200	13496	4.169	ng	97
71) Phenanthrene	17.260	178	77800	5.234	ng	98
72) Anthracene	17.348	178	77825	5.147	ng	98
73) Carbazole	17.619	167	58466	4.389	ng	99
74) Di-n-butylphthalate	18.189	149	62074	3.879	ng	99
75) Fluoranthene	19.270	202	74580	4.267	ng	95
78) Pyrene	19.628	202	73770	5.247	ng	97
80) Butylbenzylphthalate	20.527	149	27008	5.093	ng	98
81) Benzo(a)anthracene	21.426	228	73663	5.159	ng	99
83) Chrysene	21.491	228	66724	4.868	ng	95
84) Bis(2-ethylhexyl)phtha...	21.355	149	41588	5.223	ng	96
87) Indeno(1,2,3-cd)pyrene	27.830	276	84621	5.059	ng #	81
88) Benzo(b)fluoranthene	23.500	252	69429m	5.023	ng	
89) Benzo(k)fluoranthene	23.565	252	71517	5.078	ng	99
90) Benzo(a)pyrene	24.311	252	68170	5.301	ng	95
91) Dibenzo(a,h)anthracene	27.889	278	70126	5.222	ng #	92
92) Benzo(g,h,i)perylene	28.876	276	67911	5.197	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.848 min Scan# 81
Delta R.T. -0.011 min
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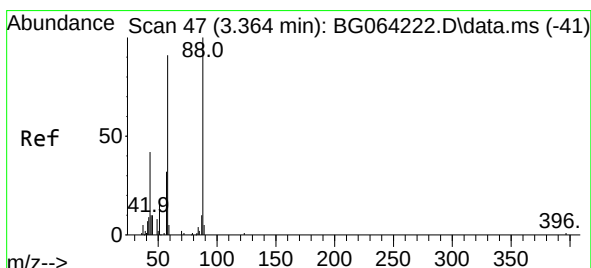
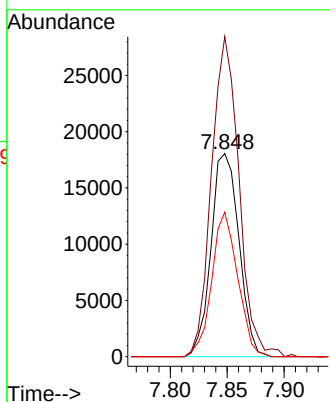
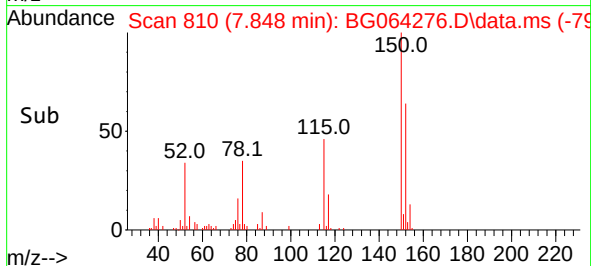
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:152 Resp: 3085
Ion Ratio Lower Upper
152 100
150 157.4 128.0 192.0
115 71.1 55.7 83.5

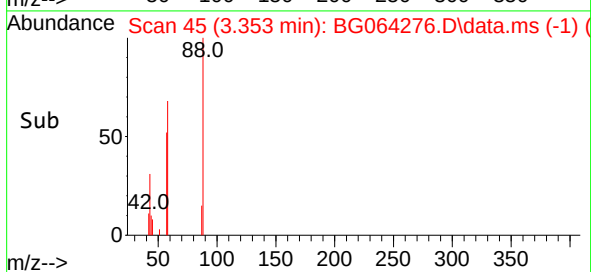
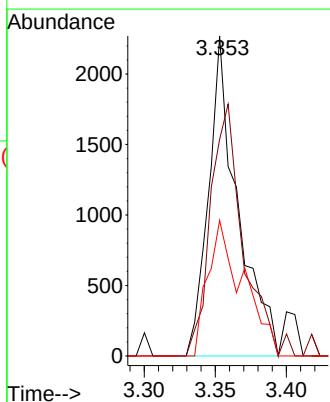
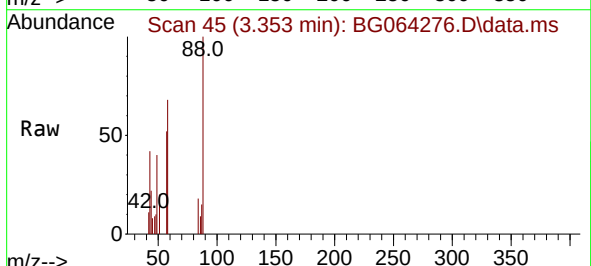
Manual Integrations
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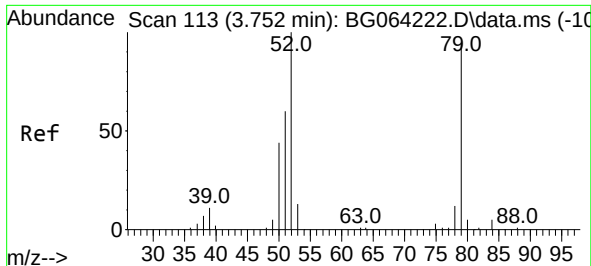
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#2
1,4-Dioxane
Concen: 4.496 ng
RT: 3.353 min Scan# 45
Delta R.T. -0.005 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

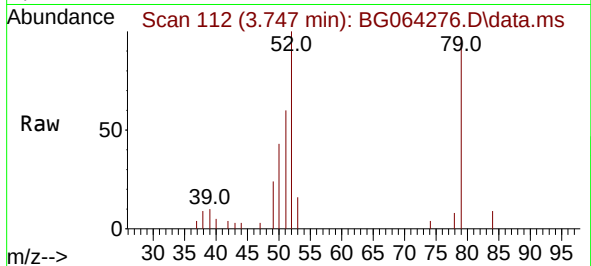
Tgt Ion: 88 Resp: 3223
Ion Ratio Lower Upper
88 100
58 88.4 80.8 121.2
43 51.6 40.3 60.5





#3
Pyridine
Concen: 4.550 ng
RT: 3.747 min Scan# 113
Delta R.T. -0.005 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

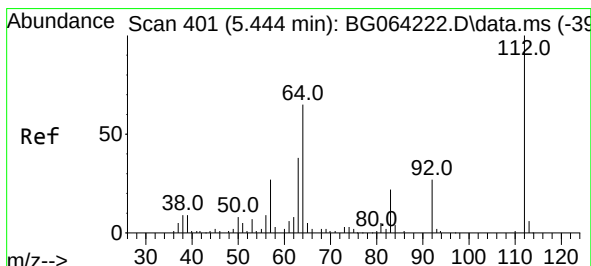
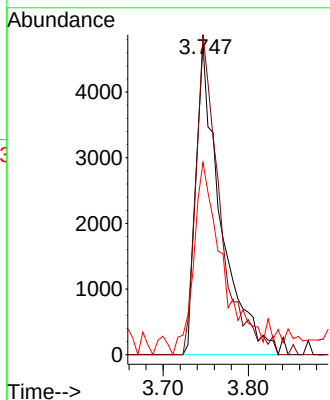
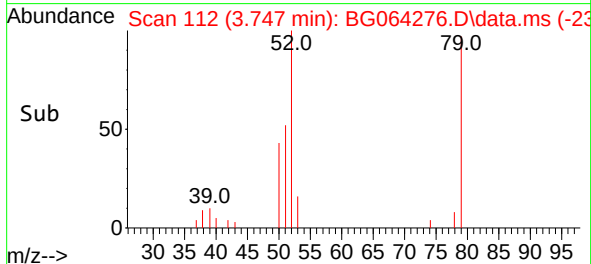
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 79 Resp: 9600
Ion Ratio Lower Upper
79 100
52 102.9 86.6 129.8
51 61.8 114.1 171.1

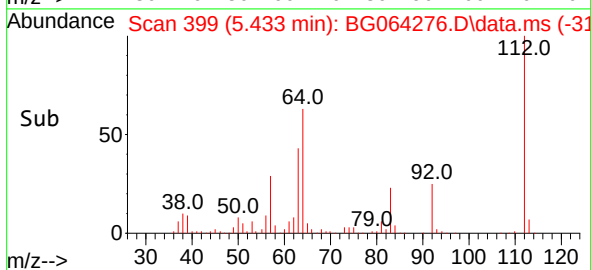
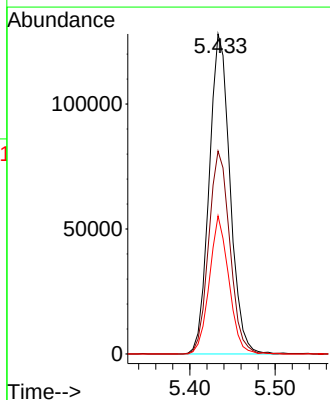
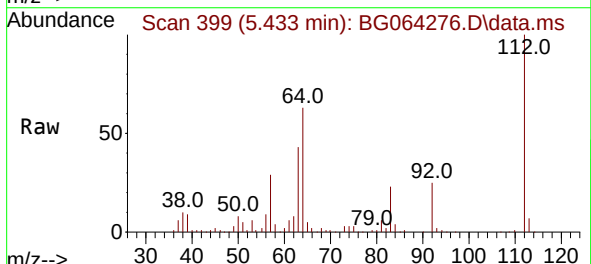
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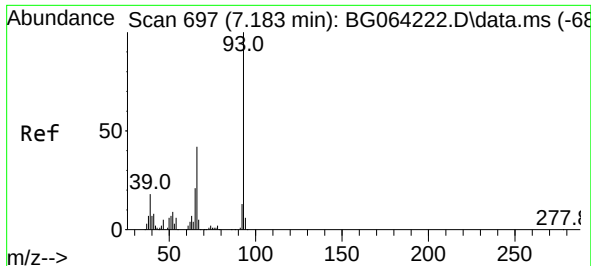
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#5
2-Fluorophenol
Concen: 126.616 ng
RT: 5.433 min Scan# 399
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

Tgt Ion:112 Resp: 217742
Ion Ratio Lower Upper
112 100
64 63.4 51.8 77.6
63 43.2 30.6 45.8





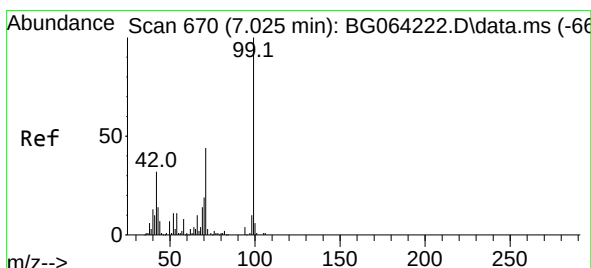
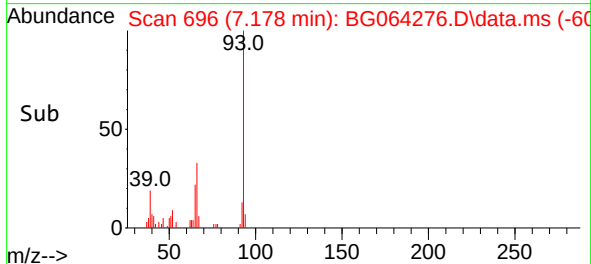
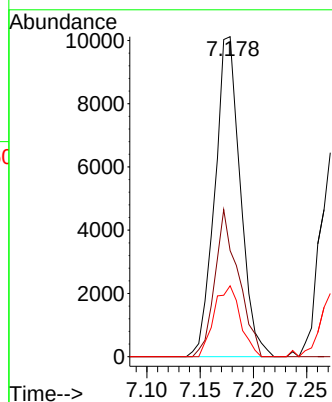
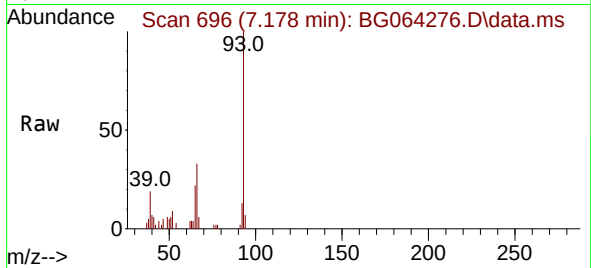
#6
Aniline
Concen: 5.134 ng
RT: 7.178 min Scan# 697
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2025

Tgt Ion: 93 Resp: 16774
Ion Ratio Lower Upper
93 100
66 33.2 33.8 50.8
65 22.2 16.9 25.3

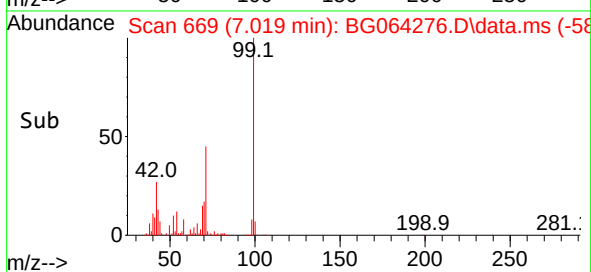
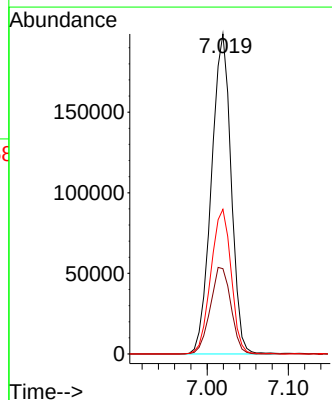
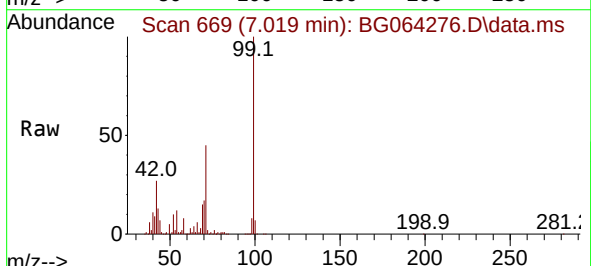
Manual Integrations
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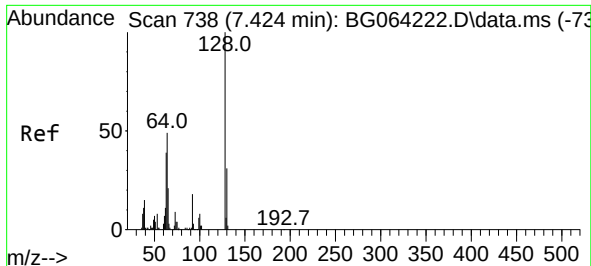
Reviewed By :Rahul Chavli 09/04/2025
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#7
Phenol-d6
Concen: 141.462 ng
RT: 7.019 min Scan# 669
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

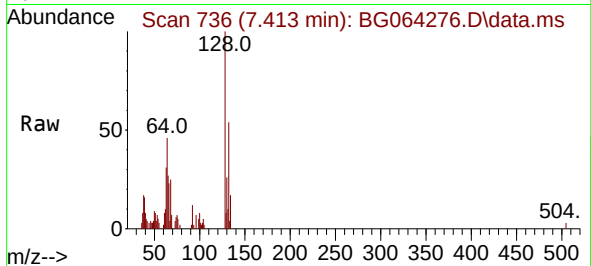
Tgt Ion: 99 Resp: 334214
Ion Ratio Lower Upper
99 100
42 26.7 25.8 38.8
71 45.2 35.2 52.8





#8
2-Chlorophenol
Concen: 5.750 ng
RT: 7.413 min Scan# 71
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

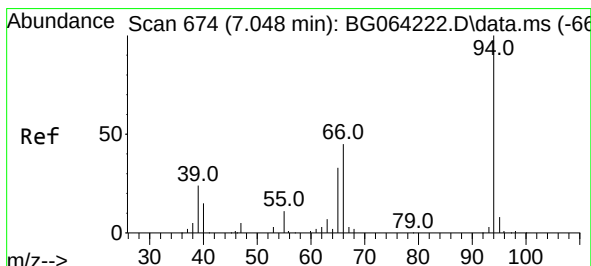
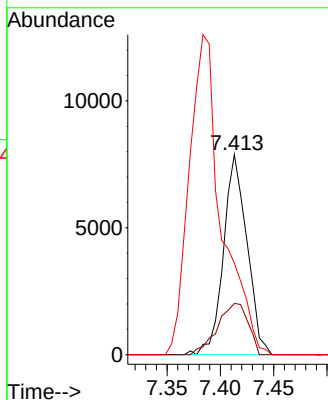
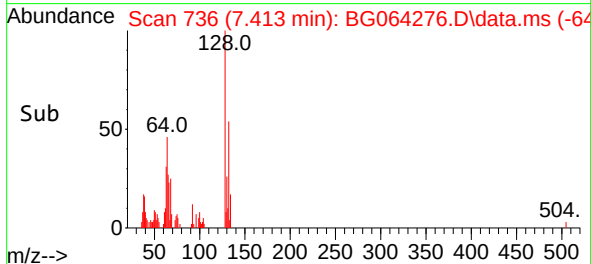
Instrument :
BNA_G
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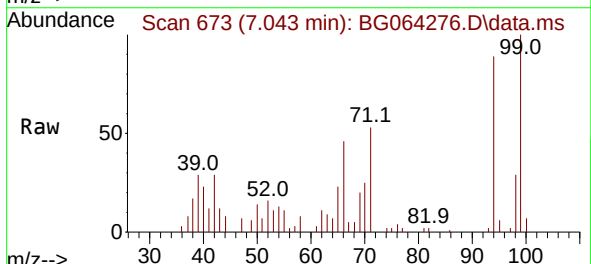
Tgt Ion:	128	Resp:	12084
Ion Ratio	Lower	Upper	
128	100		
130	25.6	10.9	50.9
64	45.6	28.7	68.7

Manual Integrations
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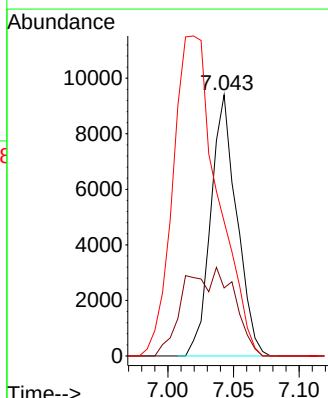
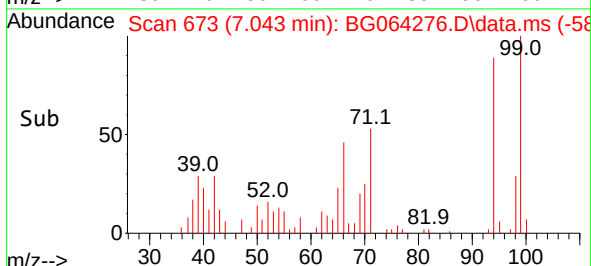
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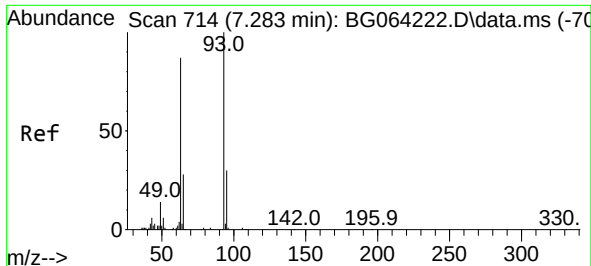


#10
Phenol
Concen: 4.974 ng
RT: 7.043 min Scan# 673
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17



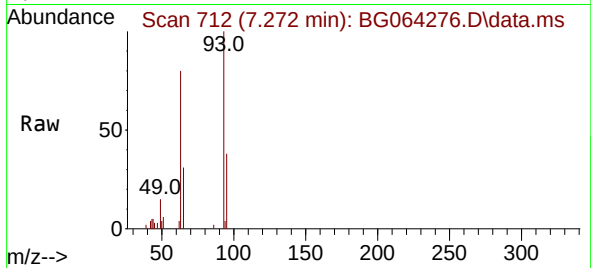
Tgt Ion:	94	Resp:	12956
Ion Ratio	Lower	Upper	
94	100		
65	26.1	13.5	53.5
66	51.5	26.2	66.2





#11
bis(2-Chloroethyl)ether
Concen: 4.809 ng
RT: 7.272 min Scan# 714
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

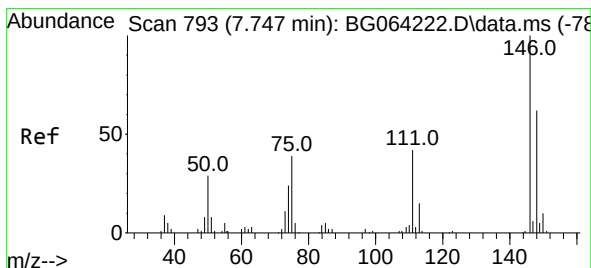
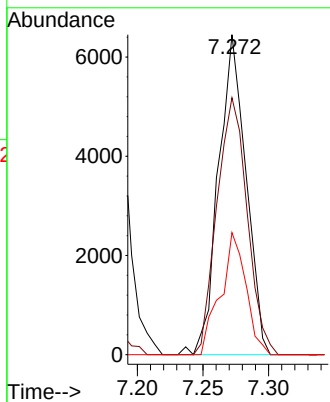
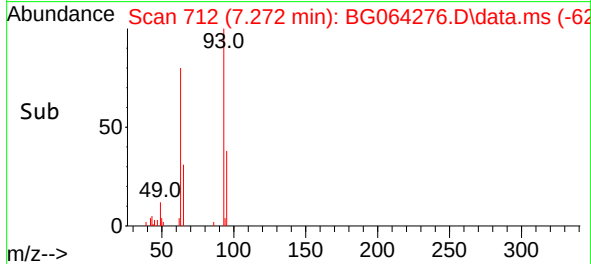
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 93 Resp: 941
Ion Ratio Lower Upper
93 100
63 80.3 66.2 106.2
95 38.2 9.8 49.8

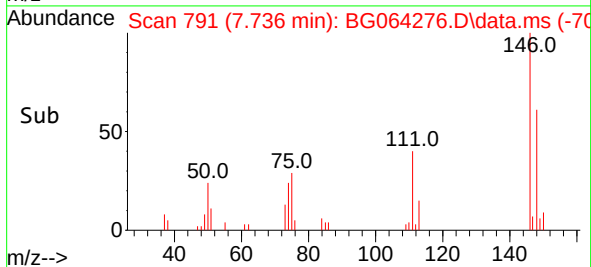
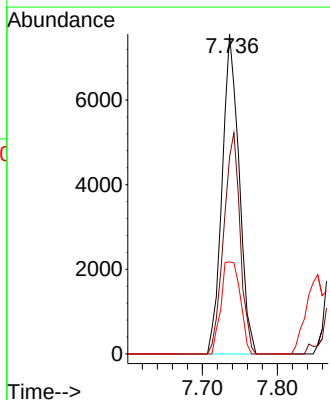
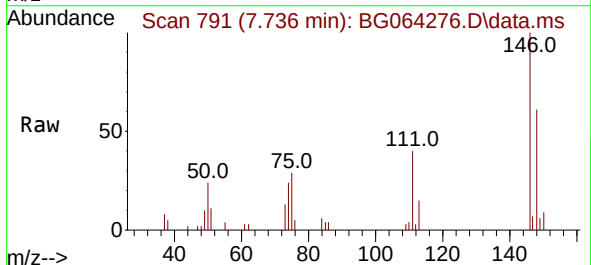
Manual Integrations
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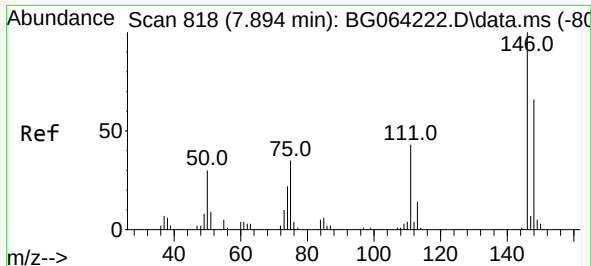
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#12
1,3-Dichlorobenzene
Concen: 5.286 ng m
RT: 7.736 min Scan# 791
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

Tgt Ion:146 Resp: 11818
Ion Ratio Lower Upper
146 100
148 61.5 49.6 74.4
75 28.8 31.0 46.6#





#13

1,4-Dichlorobenzene

Concen: 5.226 ng

RT: 7.883 min Scan# 81

Delta R.T. -0.011 min

Lab File: BG064276.D

Acq: 4 Sep 2025 8:17

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

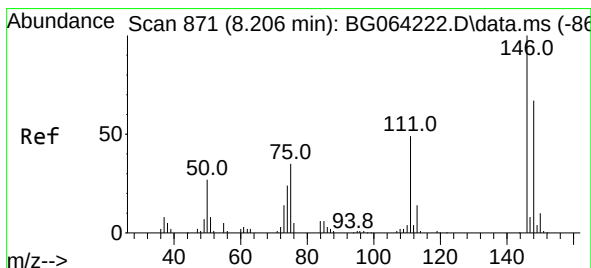
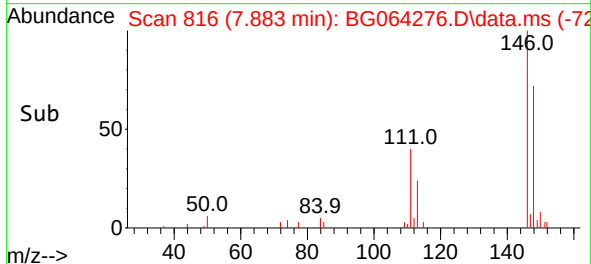
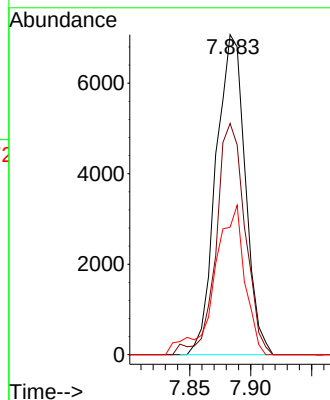
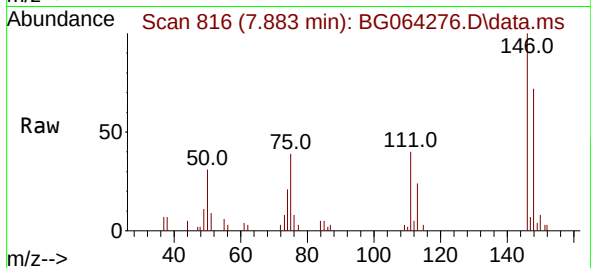
Tgt Ion:146	Resp:	1179
Ion Ratio	Lower	Upper
146	100	
148	72.2	52.8 79.2
111	39.8	34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#14

1,2-Dichlorobenzene

Concen: 5.229 ng

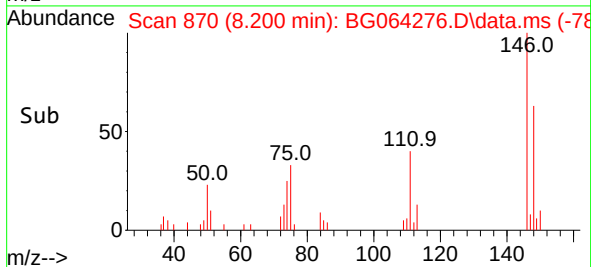
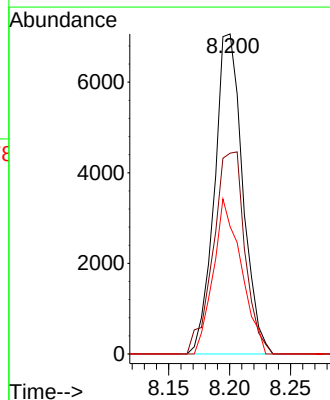
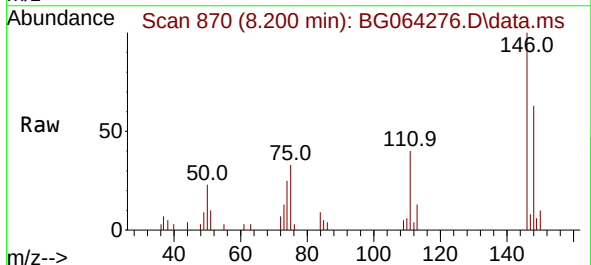
RT: 8.200 min Scan# 870

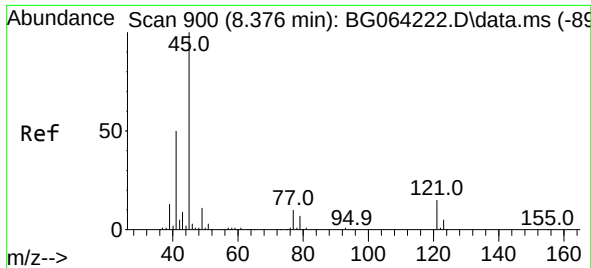
Delta R.T. -0.011 min

Lab File: BG064276.D

Acq: 4 Sep 2025 8:17

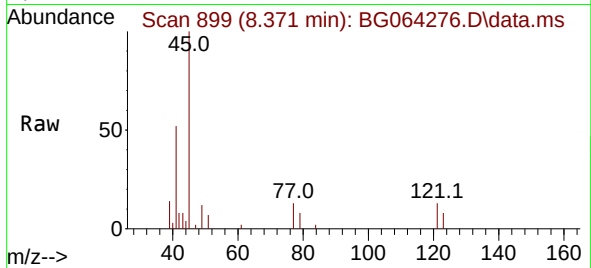
Tgt Ion:146	Resp:	11386
Ion Ratio	Lower	Upper
146	100	
148	62.8	53.4 80.0
111	39.8	39.1 58.7





#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.617 ng
RT: 8.371 min Scan# 899
Delta R.T. -0.005 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

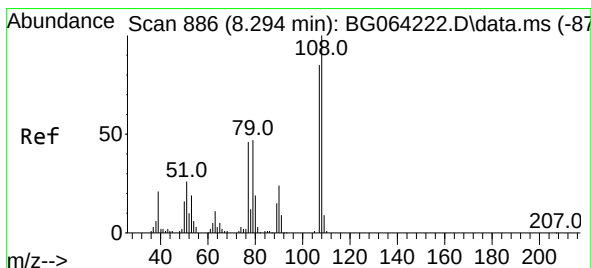
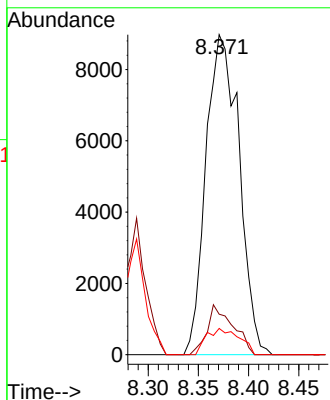
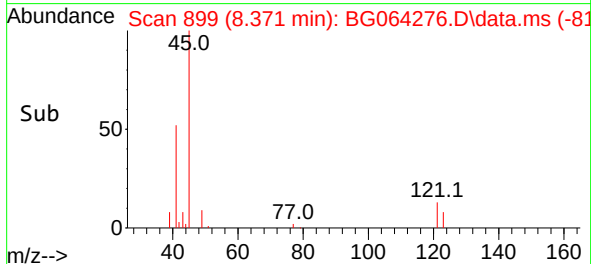
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 45 Resp: 20634
Ion Ratio Lower Upper
45 100
77 12.7 0.0 30.0
79 8.2 0.0 27.9

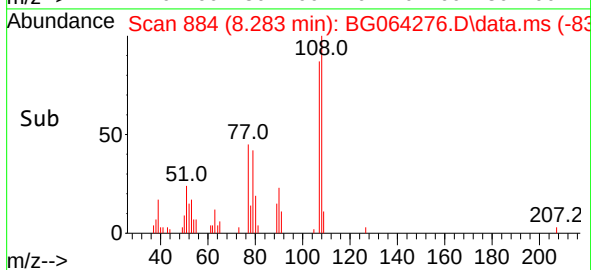
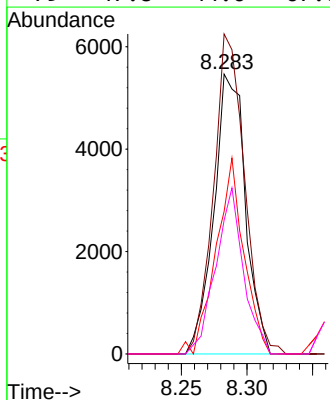
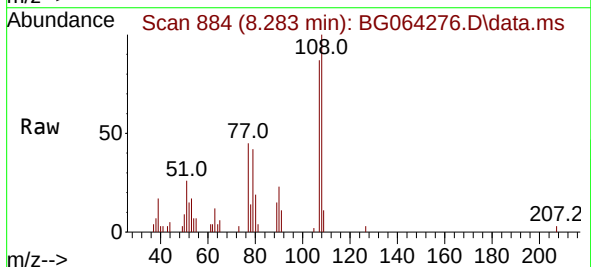
Manual Integrations
APPROVED

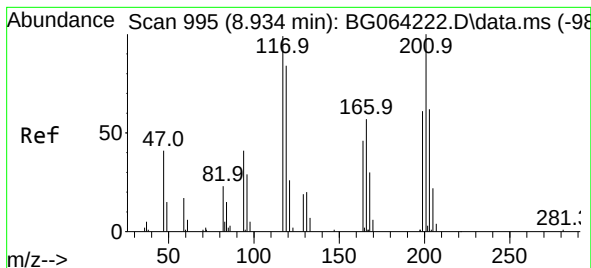
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#17
2-Methylphenol
Concen: 4.698 ng
RT: 8.283 min Scan# 884
Delta R.T. -0.017 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

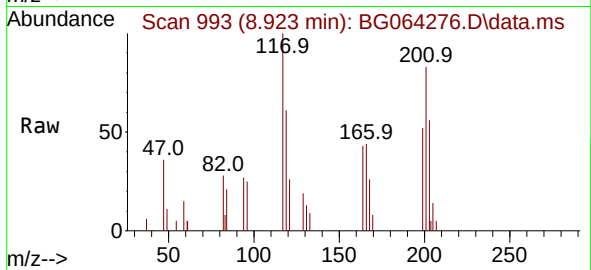
Tgt Ion:107 Resp: 9121
Ion Ratio Lower Upper
107 100
108 114.4 94.6 141.8
77 51.0 43.7 65.5
79 47.8 44.6 67.0





#18
Hexachloroethane
Concen: 5.147 ng
RT: 8.923 min Scan# 995
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

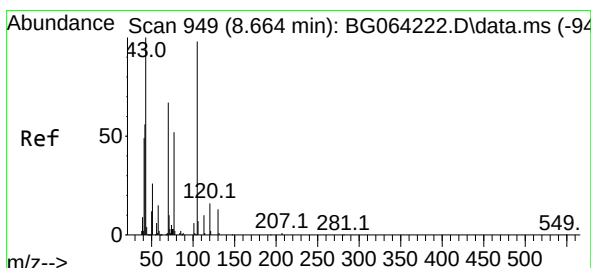
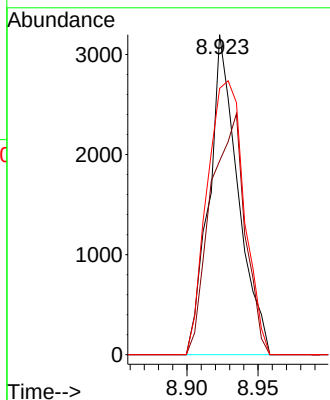
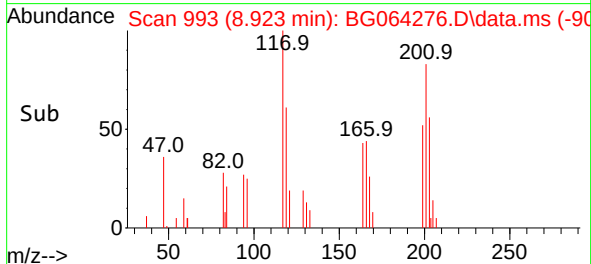
Instrument : BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 117 Resp: 453
Ion Ratio Lower Upper
117 100
119 60.6 67.9 101.9#
201 83.2 80.5 120.7

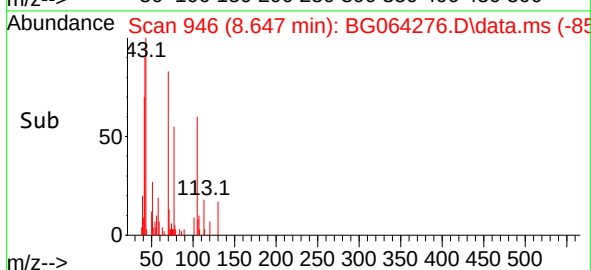
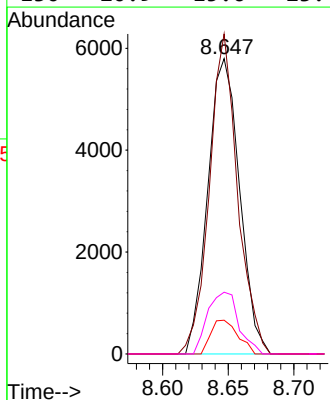
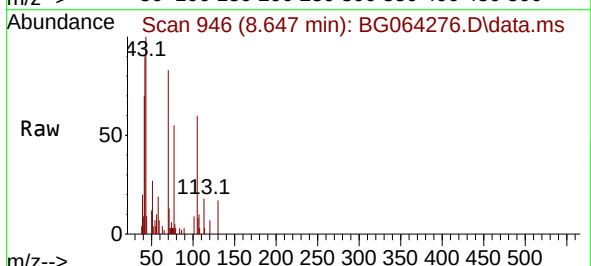
Manual Integrations
APPROVED

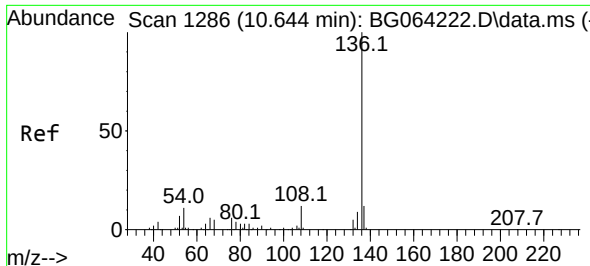
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#19
n-Nitroso-di-n-propylamine
Concen: 5.397 ng
RT: 8.647 min Scan# 946
Delta R.T. -0.017 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

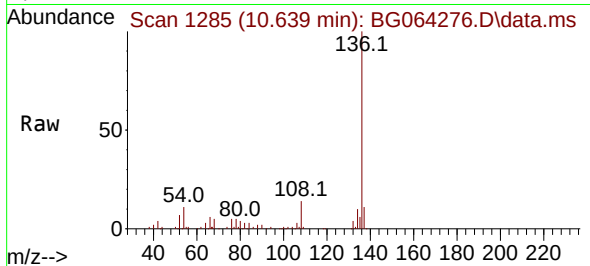
Tgt Ion: 70 Resp: 9759
Ion Ratio Lower Upper
70 100
42 108.3 67.9 101.9#
101 11.4 7.3 10.9#
130 20.9 15.6 23.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1063
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

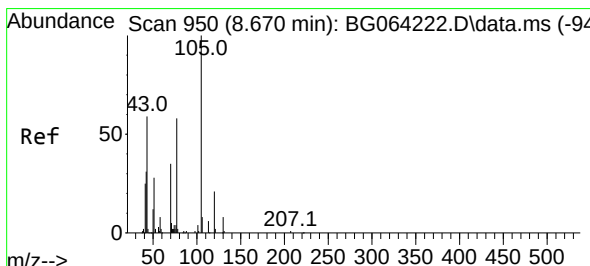
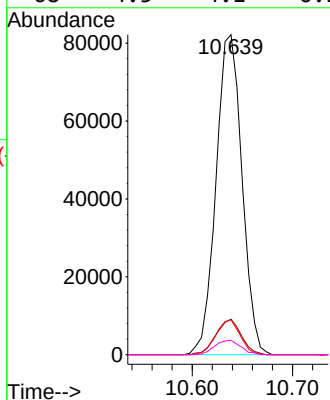
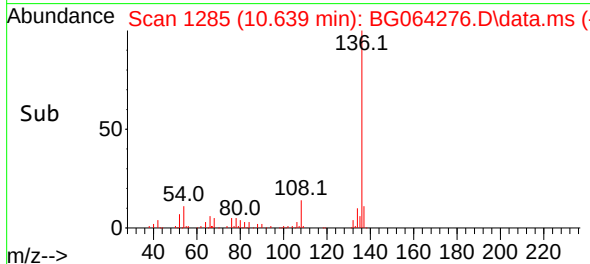
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2025



Tgt Ion:	136	Resp:	14757
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.6	14.4
54	10.9	8.8	13.2
68	4.5	4.1	6.1

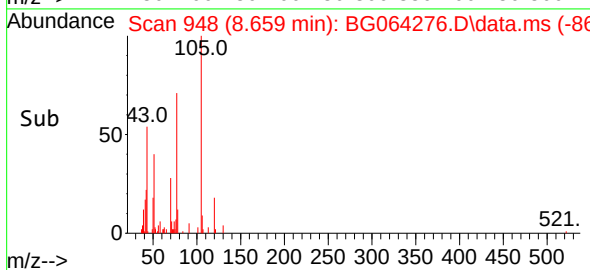
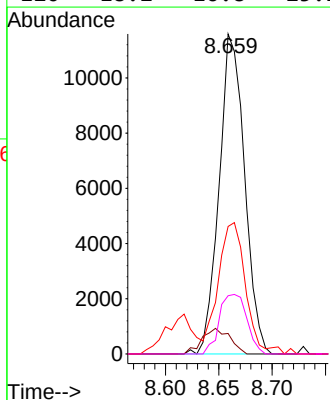
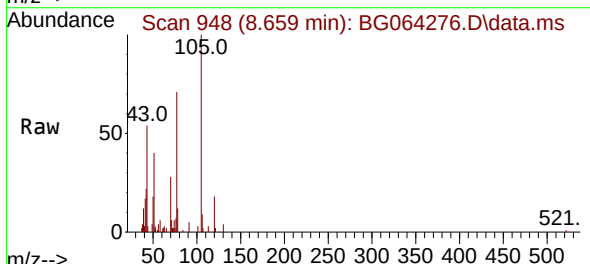
Manual Integrations
APPROVED

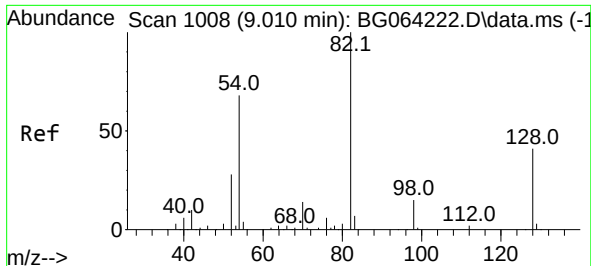
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#22
Acetophenone
Concen: 5.148 ng
RT: 8.659 min Scan# 948
Delta R.T. -0.017 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

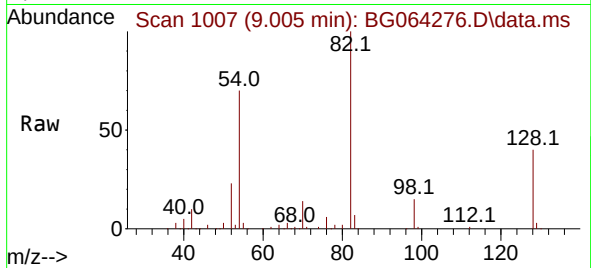
Tgt Ion:	105	Resp:	19220
Ion Ratio	Lower	Upper	
105	100		
71	6.4	4.3	6.5
51	39.9	32.4	48.6
120	18.2	16.8	25.2





#23
Nitrobenzene-d5
Concen: 99.922 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

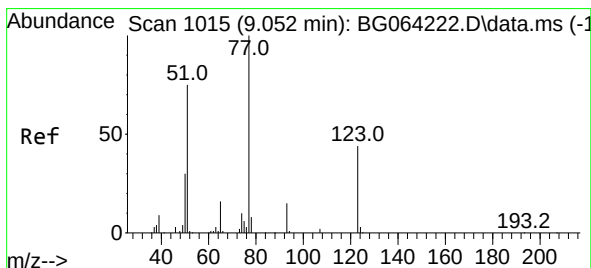
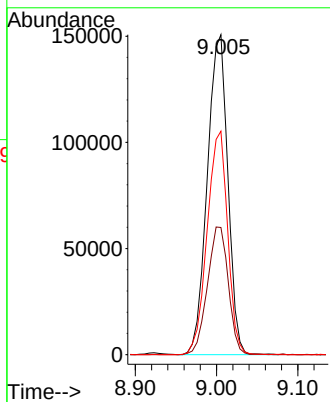
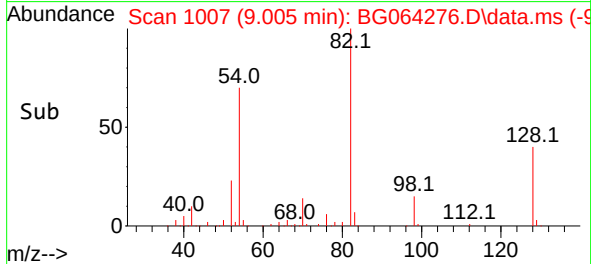
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2025



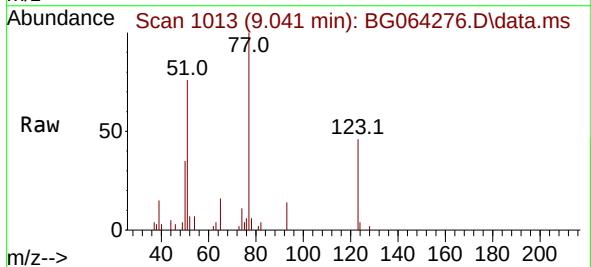
Tgt Ion: 82 Resp: 264408
Ion Ratio Lower Upper
82 100
128 39.8 32.6 48.8
54 69.8 54.7 82.1

Manual Integrations
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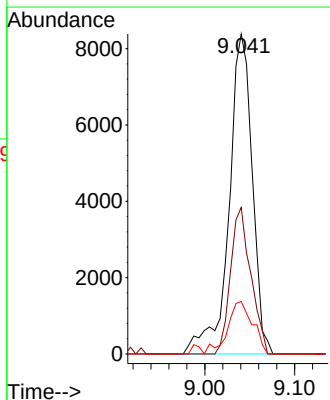
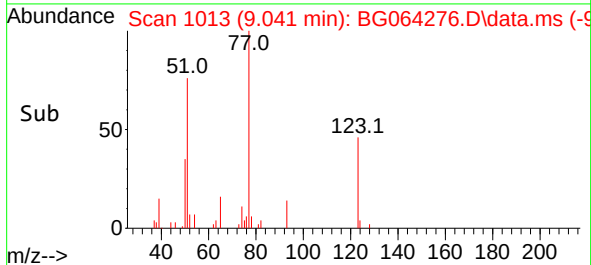
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

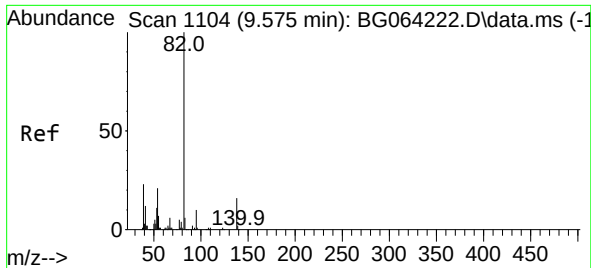


#24
Nitrobenzene
Concen: 5.452 ng
RT: 9.041 min Scan# 1013
Delta R.T. -0.017 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17



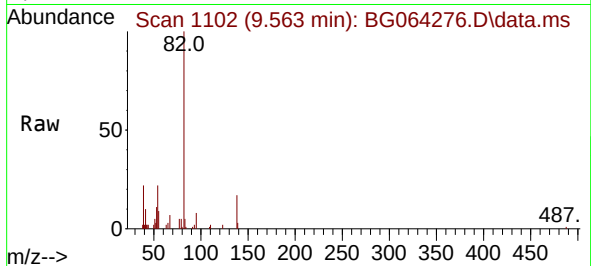
Tgt Ion: 77 Resp: 15074
Ion Ratio Lower Upper
77 100
123 45.8 35.2 52.8
65 16.4 12.6 19.0





#25
Isophorone
Concen: 5.336 ng
RT: 9.563 min Scan# 1102
Delta R.T. -0.023 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

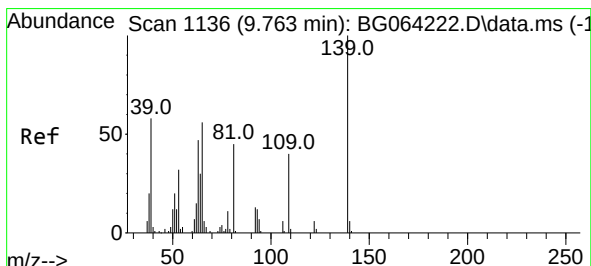
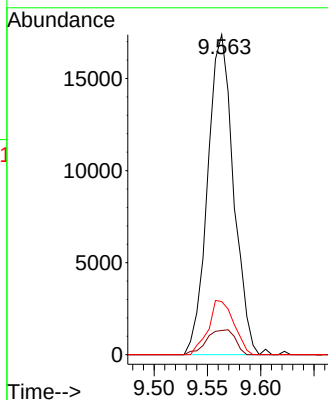
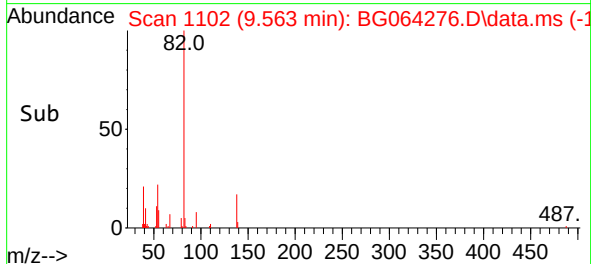
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 82 Resp: 2934
Ion Ratio Lower Upper
82 100
95 7.5 7.9 11.9
138 16.6 13.0 19.4

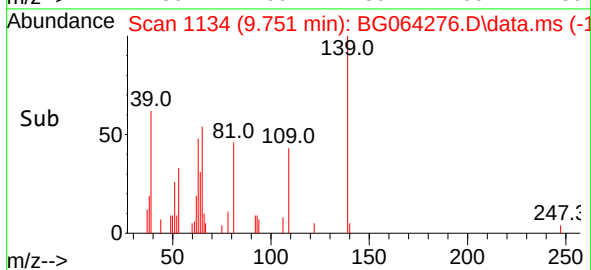
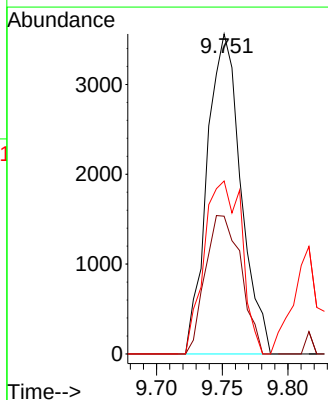
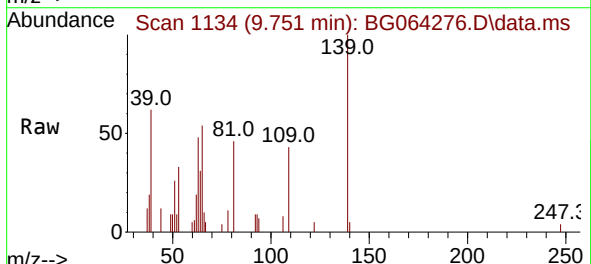
Manual Integrations
APPROVED

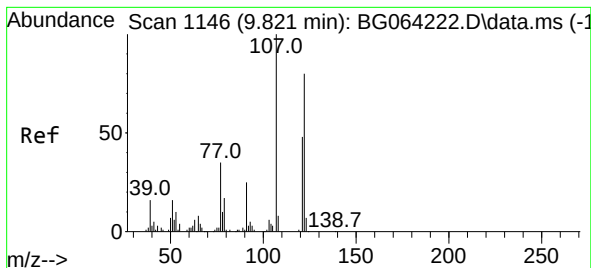
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#26
2-Nitrophenol
Concen: 5.351 ng
RT: 9.751 min Scan# 1134
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

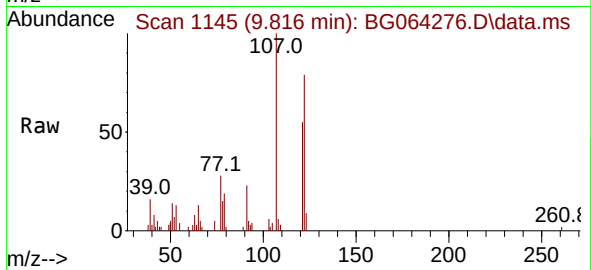
Tgt Ion:139 Resp: 6392
Ion Ratio Lower Upper
139 100
109 43.0 32.4 48.6
65 54.1 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 5.531 ng
RT: 9.816 min Scan# 1145
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

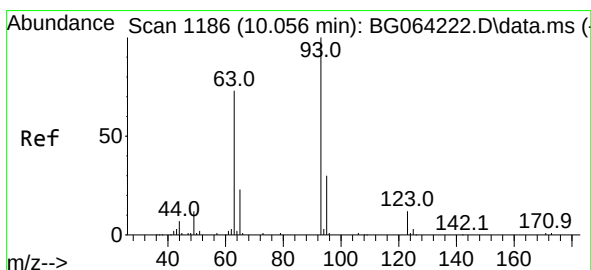
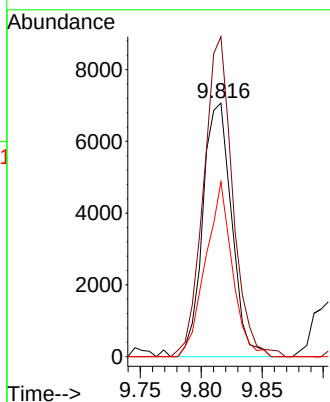
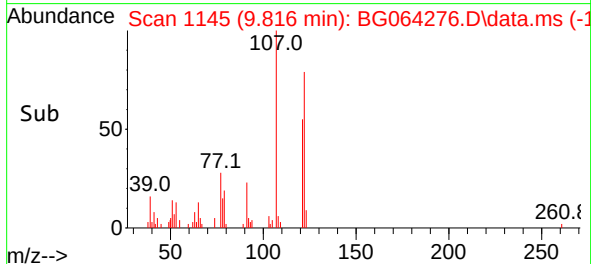
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2025



Tgt Ion:122 Resp: 1160
Ion Ratio Lower Upper
122 100
107 126.2 99.9 149.9
121 68.8 48.6 72.8

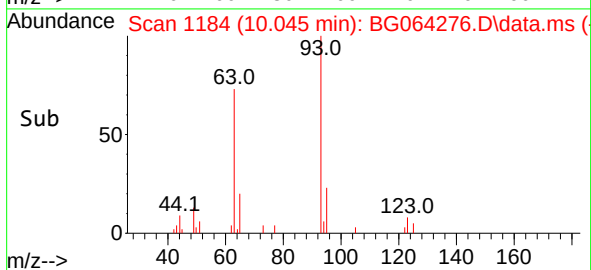
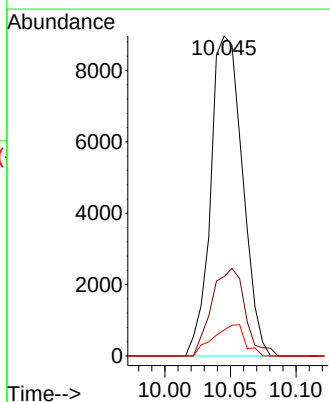
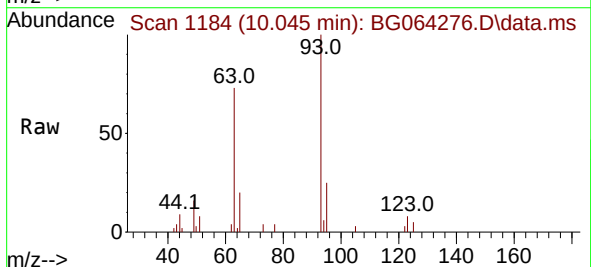
Manual Integrations
APPROVED

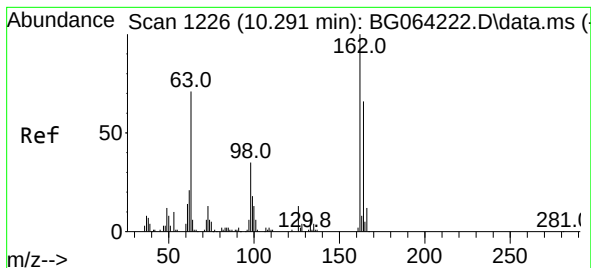
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#28
bis(2-Chloroethoxy)methane
Concen: 5.091 ng
RT: 10.045 min Scan# 1184
Delta R.T. -0.017 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

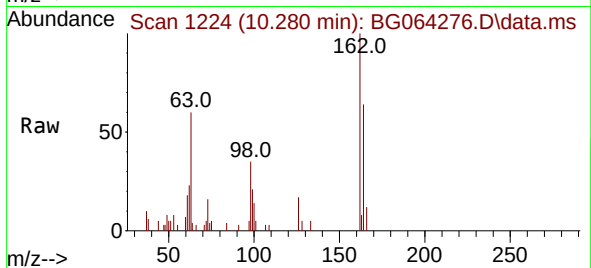
Tgt Ion: 93 Resp: 15097
Ion Ratio Lower Upper
93 100
95 24.8 23.9 35.9
123 8.1 9.6 14.4#





#29
2,4-Dichlorophenol
Concen: 4.941 ng
RT: 10.280 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

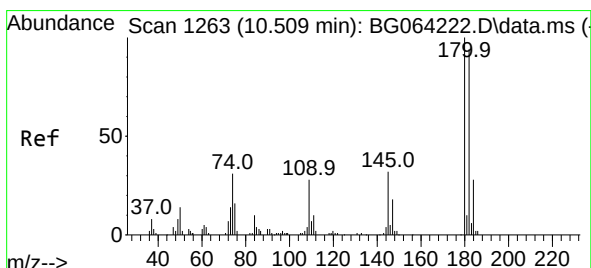
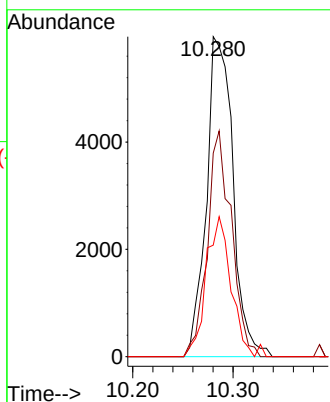
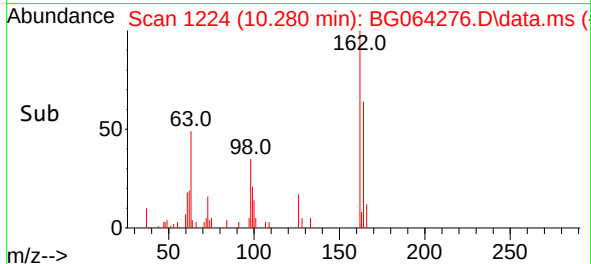
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:162 Resp: 10934
Ion Ratio Lower Upper
162 100
164 63.6 45.8 85.8
98 34.9 15.2 55.2

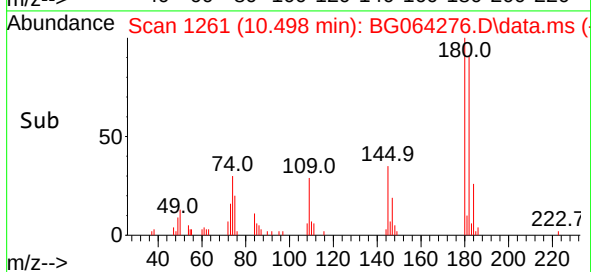
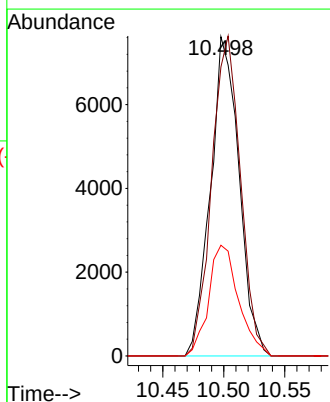
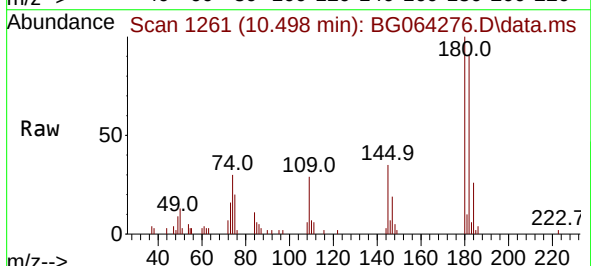
Manual Integrations
APPROVED

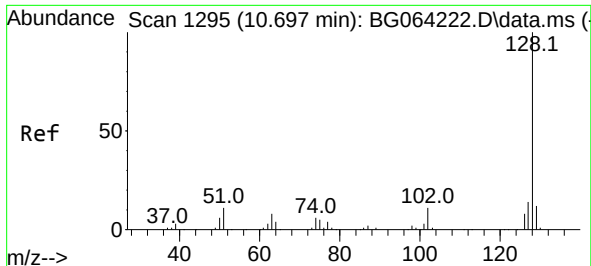
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#30
1,2,4-Trichlorobenzene
Concen: 5.327 ng
RT: 10.498 min Scan# 1261
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

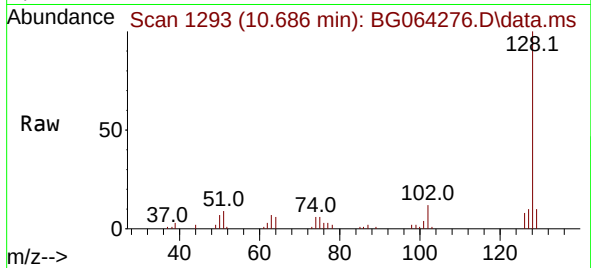
Tgt Ion:180 Resp: 12431
Ion Ratio Lower Upper
180 100
182 90.5 75.0 112.6
145 34.7 25.4 38.0





#31
Naphthalene
Concen: 5.072 ng
RT: 10.686 min Scan# 1293
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

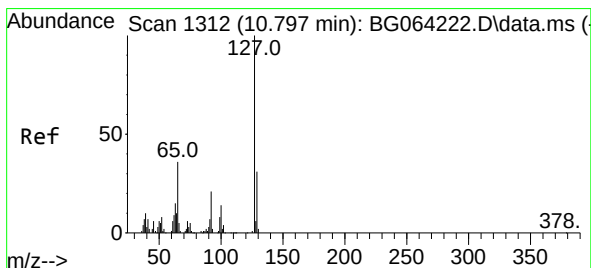
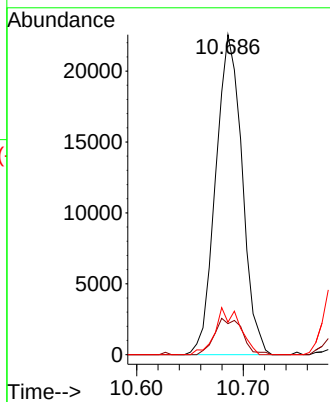
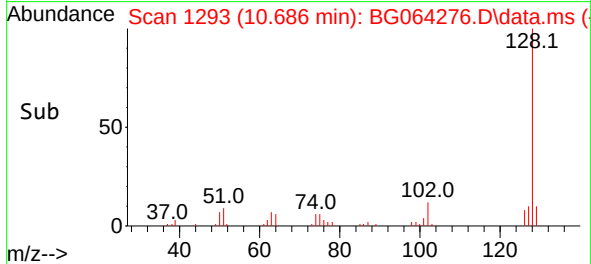
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:128 Resp: 38818
Ion Ratio Lower Upper
128 100
129 9.7 9.4 14.2
127 10.2 10.9 16.3

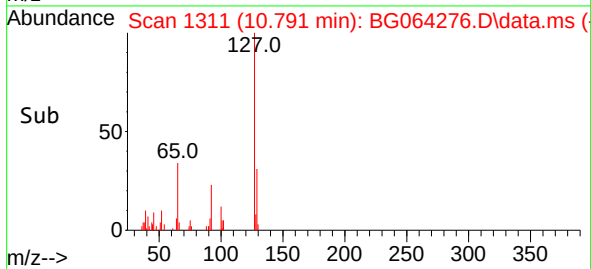
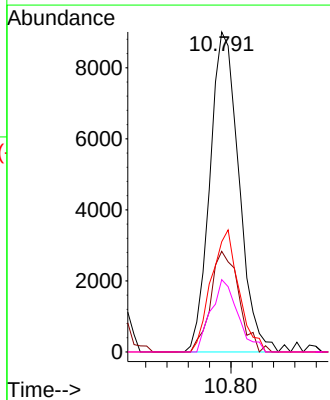
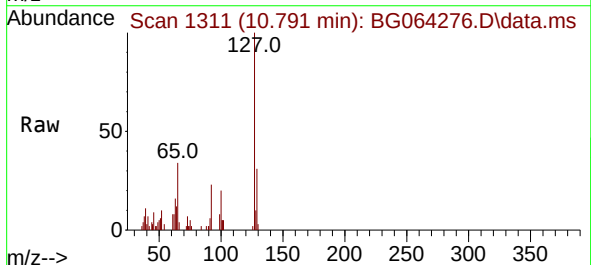
Manual Integrations
APPROVED

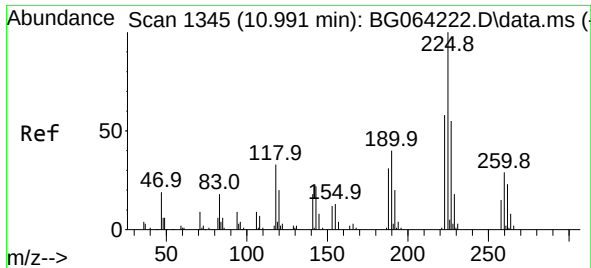
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#33
4-Chloroaniline
Concen: 5.740 ng
RT: 10.791 min Scan# 1311
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

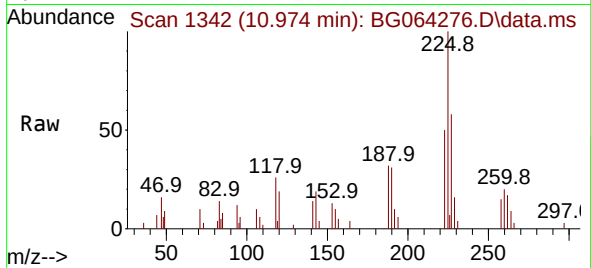
Tgt Ion:127 Resp: 17025
Ion Ratio Lower Upper
127 100
129 31.4 25.0 37.4
65 34.5 28.7 43.1
92 22.6 16.5 24.7





#34
Hexachlorobutadiene
Concen: 5.910 ng
RT: 10.974 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

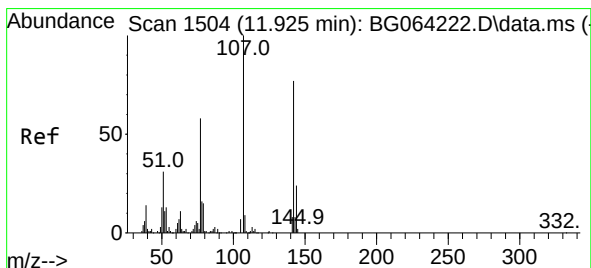
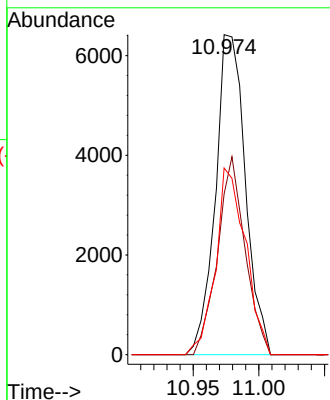
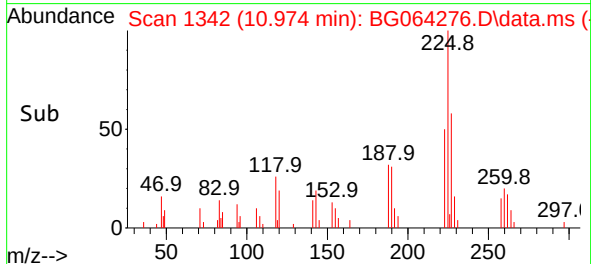
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:225 Resp: 10194
Ion Ratio Lower Upper
225 100
223 50.3 46.5 69.7
227 58.3 44.1 66.1

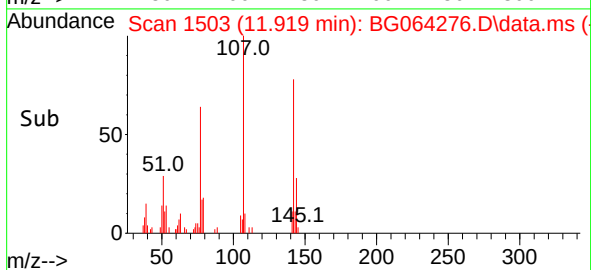
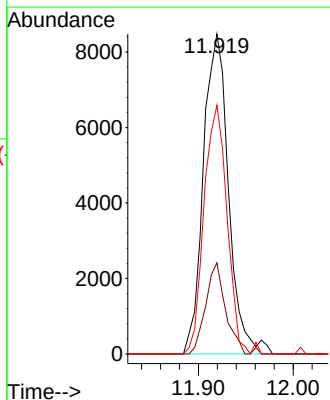
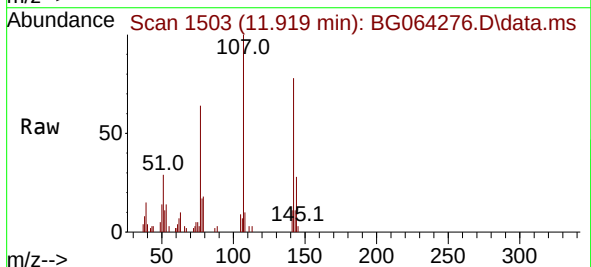
Manual Integrations
APPROVED

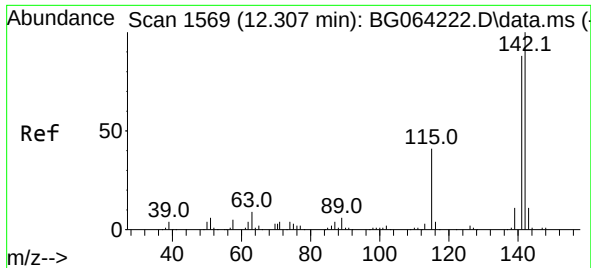
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#36
4-Chloro-3-methylphenol
Concen: 5.452 ng
RT: 11.919 min Scan# 1503
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

Tgt Ion:107 Resp: 15653
Ion Ratio Lower Upper
107 100
144 28.5 19.5 29.3
142 77.7 62.0 93.0





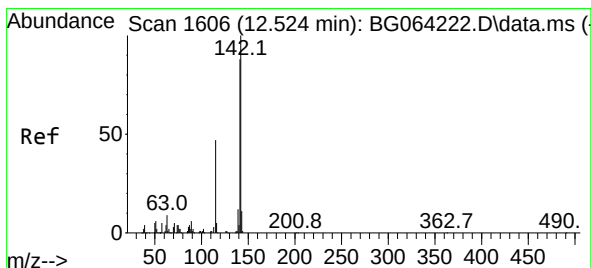
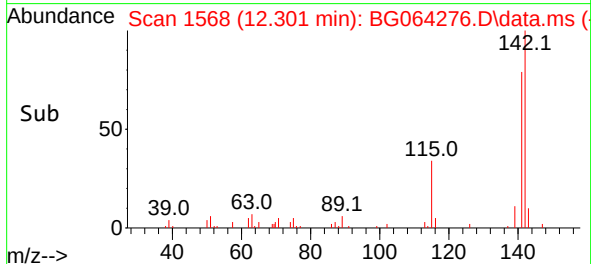
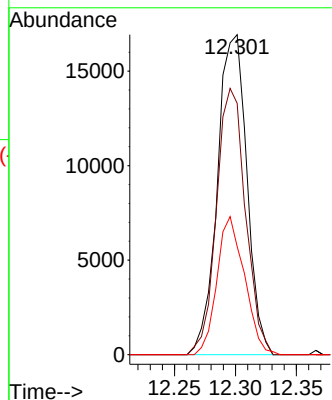
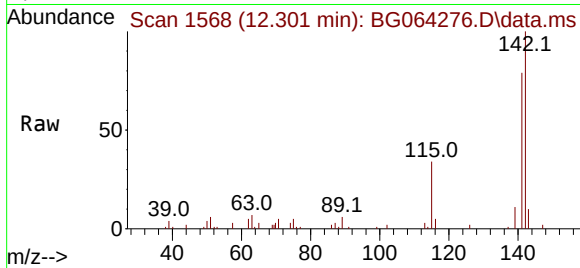
#37
2-Methylnaphthalene
Concen: 5.008 ng
RT: 12.301 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt Ion:142 Resp: 2848
Ion Ratio Lower Upper
142 100
141 78.6 70.1 105.1
115 33.8 33.1 49.7

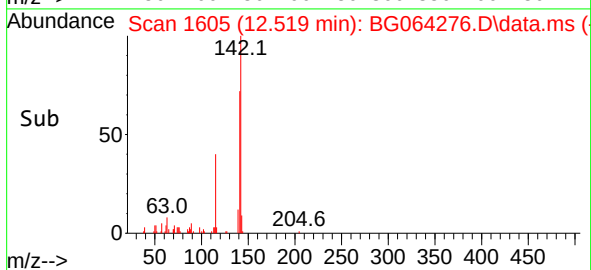
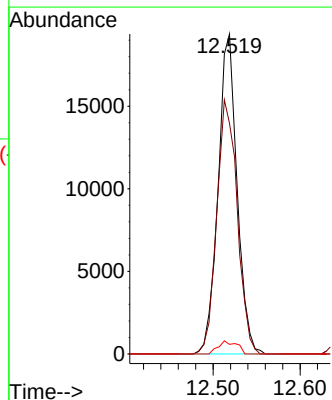
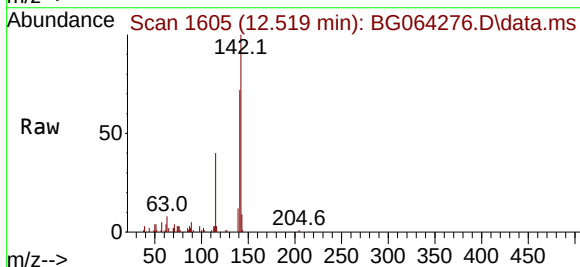
Manual Integrations
APPROVED

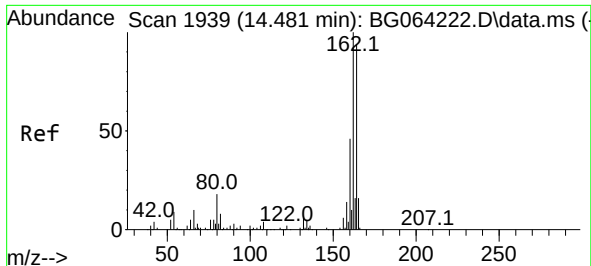
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#38
1-Methylnaphthalene
Concen: 5.207 ng m
RT: 12.519 min Scan# 1605
Delta R.T. -0.005 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

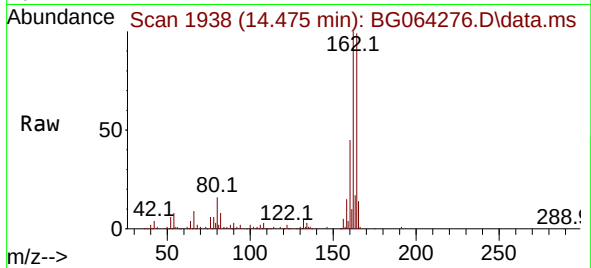
Tgt Ion:142 Resp: 29254
Ion Ratio Lower Upper
142 100
141 72.1 70.3 105.5
116 3.0 3.7 5.5#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

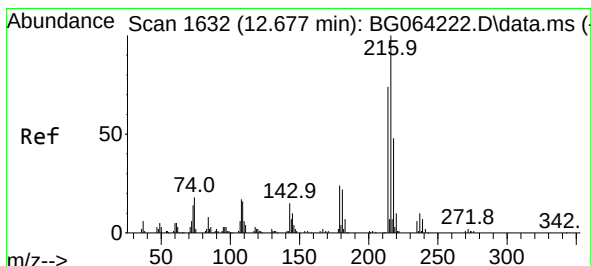
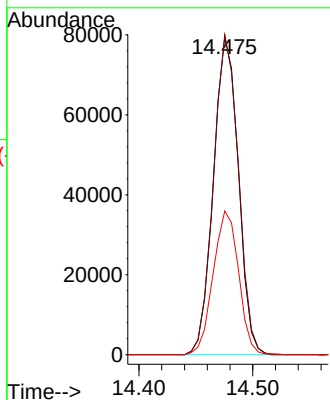
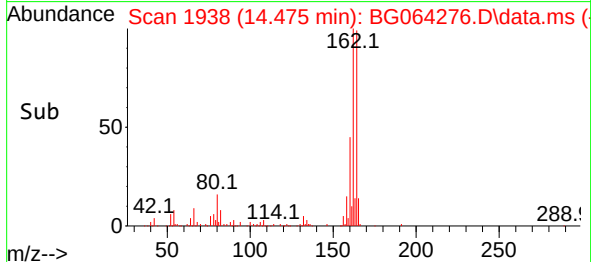
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:164 Resp: 12076
Ion Ratio Lower Upper
164 100
162 100.8 85.4 128.0
160 45.3 39.2 58.8

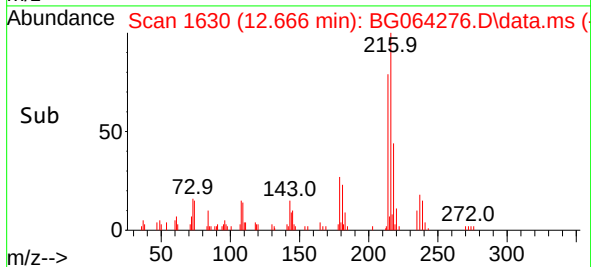
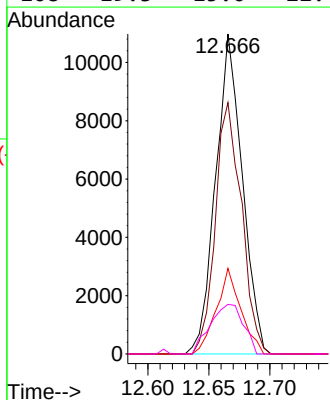
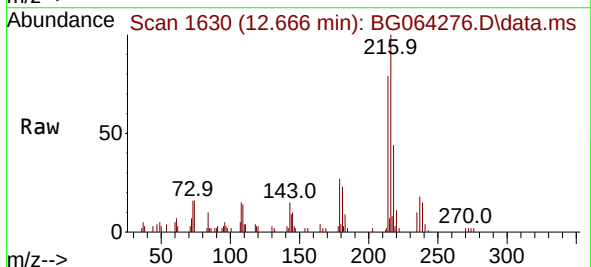
Manual Integrations
APPROVED

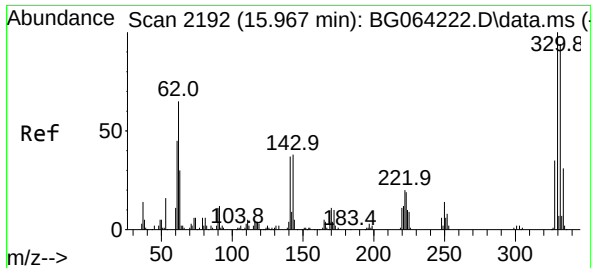
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.794 ng
RT: 12.666 min Scan# 1630
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

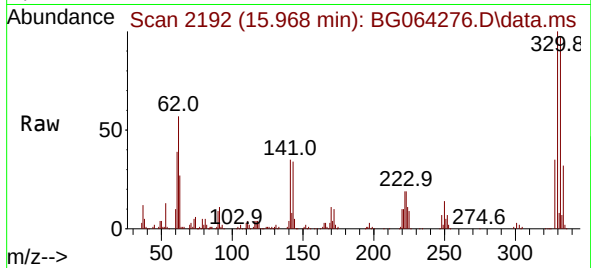
Tgt Ion:216 Resp: 16703
Ion Ratio Lower Upper
216 100
214 76.8 61.9 92.9
179 24.6 17.9 26.9
108 19.3 15.0 22.4





#42
2,4,6-Tribromophenol
Concen: 154.920 ng
RT: 15.968 min Scan# 2192
Delta R.T. -0.005 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

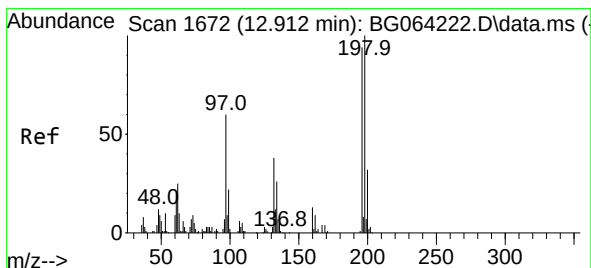
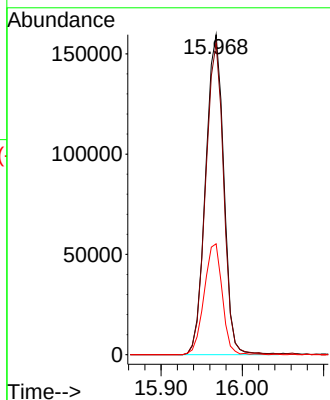
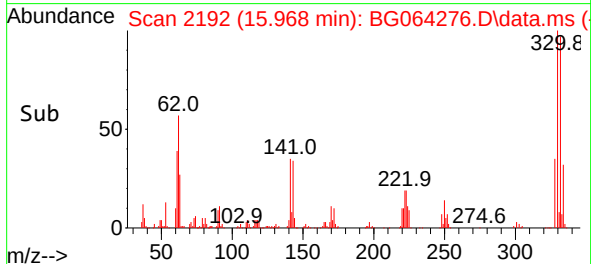
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



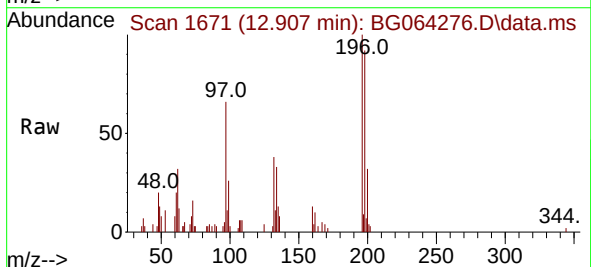
Tgt Ion:330 Resp: 24781
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 34.5 29.8 44.6

Manual Integrations
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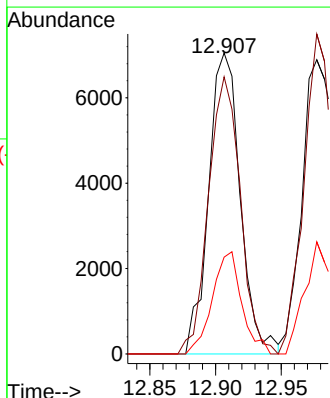
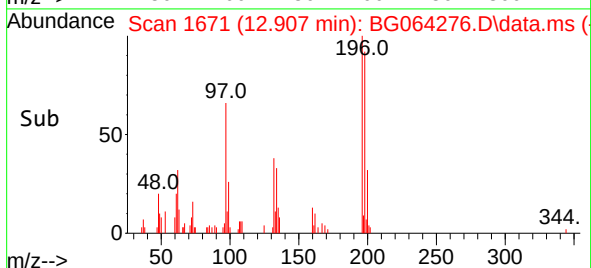
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

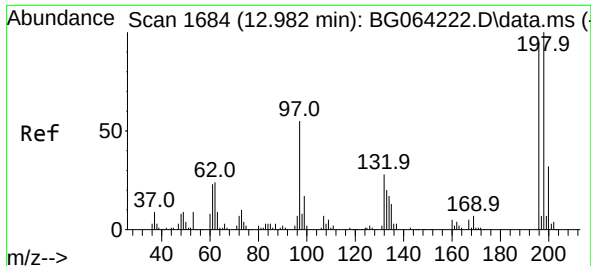


#43
2,4,6-Trichlorophenol
Concen: 5.082 ng
RT: 12.907 min Scan# 1671
Delta R.T. -0.005 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17



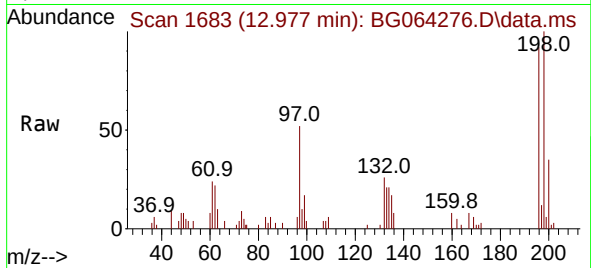
Tgt Ion:196 Resp: 11835
Ion Ratio Lower Upper
196 100
198 92.1 85.4 128.2
200 32.1 27.3 40.9





#44
2,4,5-Trichlorophenol
Concen: 5.091 ng
RT: 12.977 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

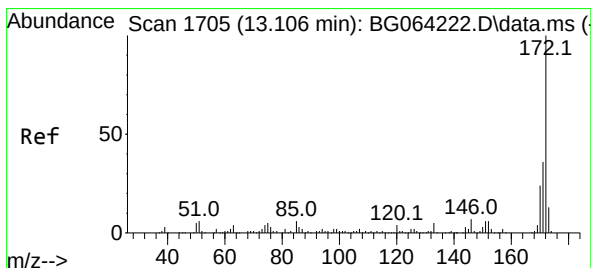
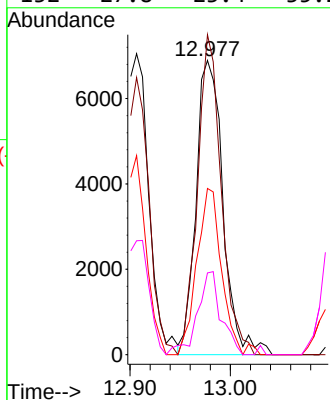
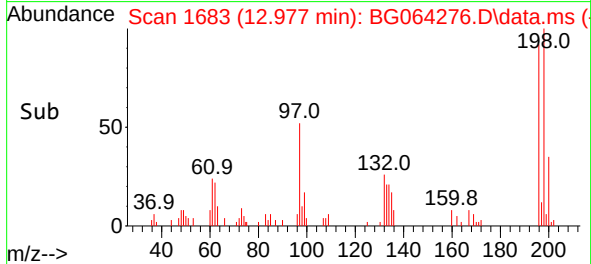
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



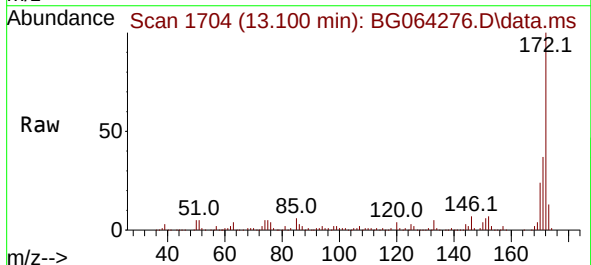
Tgt Ion:196 Resp: 1286
Ion Ratio Lower Upper
196 100
198 108.8 84.5 126.7
97 56.5 46.8 70.2
132 27.8 23.4 35.2

Manual Integrations
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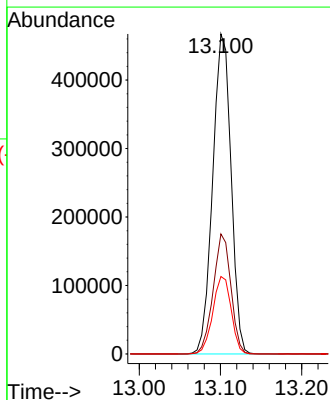
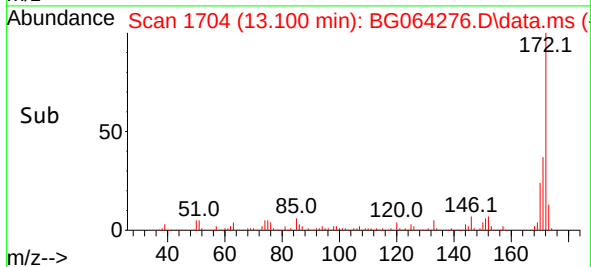
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

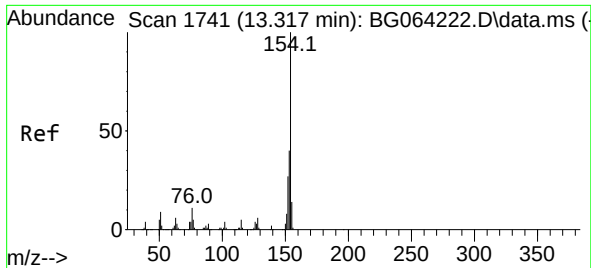


#45
2-Fluorobiphenyl
Concen: 92.747 ng
RT: 13.100 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17



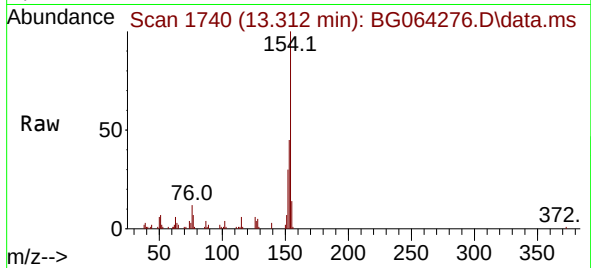
Tgt Ion:172 Resp: 733826
Ion Ratio Lower Upper
172 100
171 37.5 28.7 43.1
170 24.2 19.0 28.6





#46
1,1'-Biphenyl
Concen: 5.019 ng
RT: 13.312 min Scan# 1741
Delta R.T. -0.005 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

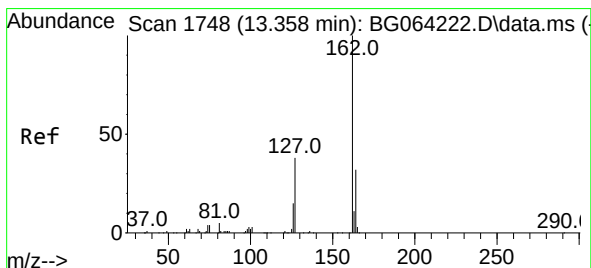
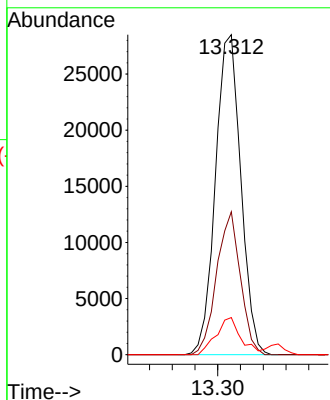
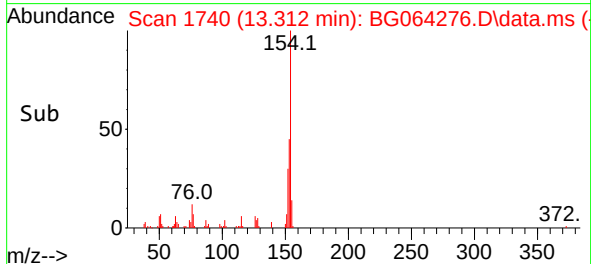
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



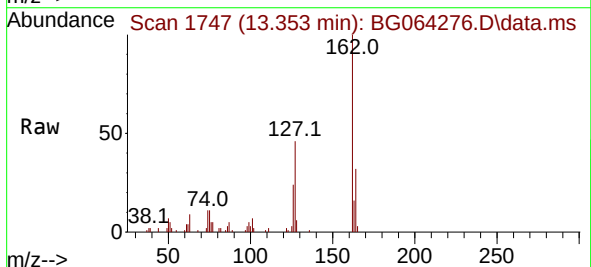
Tgt Ion:154 Resp: 4414
Ion Ratio Lower Upper
154 100
153 44.6 19.9 59.9
76 11.6 0.0 30.9

Manual Integrations
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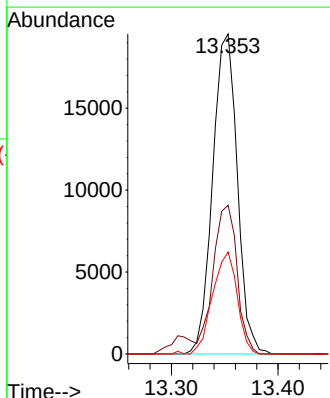
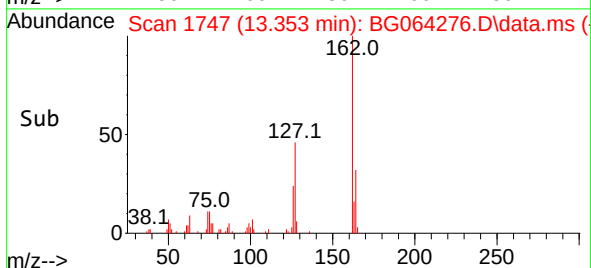
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

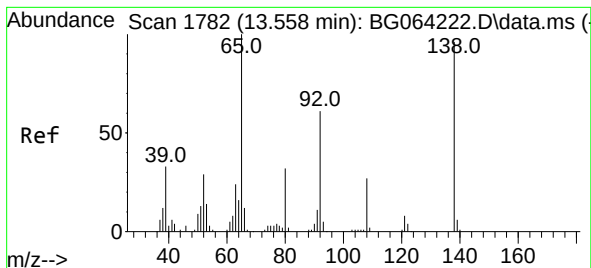


#47
2-Chloronaphthalene
Concen: 4.735 ng
RT: 13.353 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17



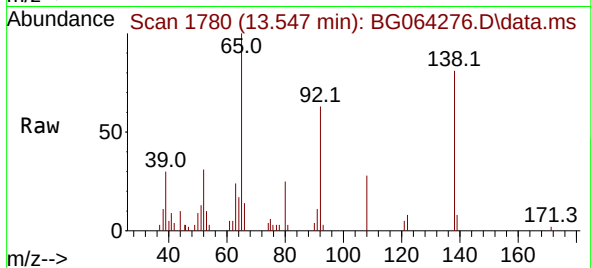
Tgt Ion:162 Resp: 31310
Ion Ratio Lower Upper
162 100
127 46.5 33.9 50.9
164 31.8 25.4 38.2





#48
2-Nitroaniline
Concen: 5.236 ng
RT: 13.547 min Scan# 1180
Delta R.T. -0.017 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

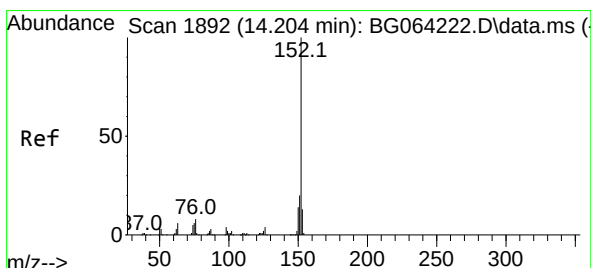
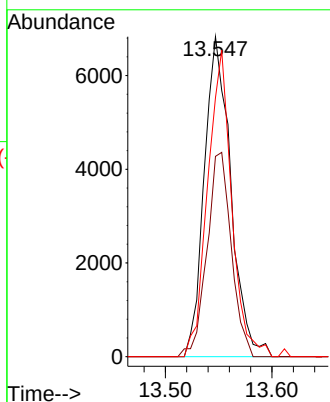
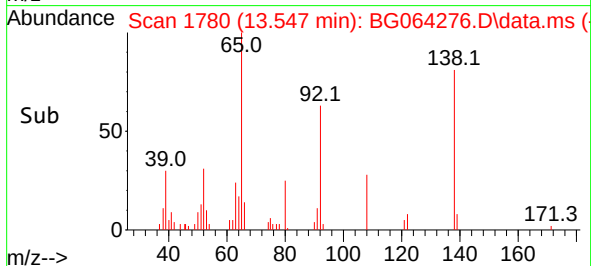
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



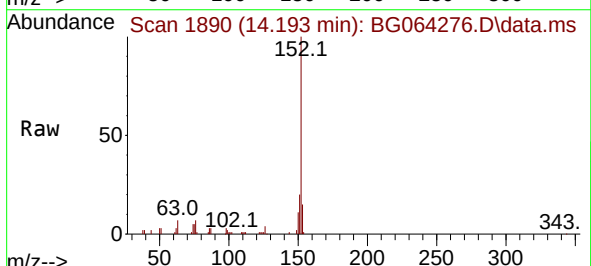
Tgt Ion: 65 Resp: 1180
Ion Ratio Lower Upper
65 100
92 62.6 49.2 73.8
138 80.9 76.8 115.2

Manual Integrations
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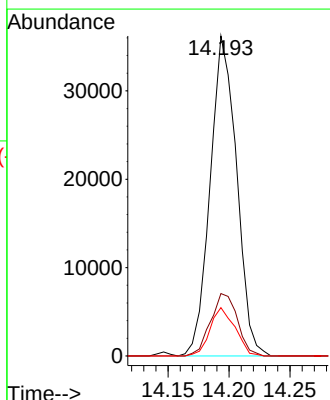
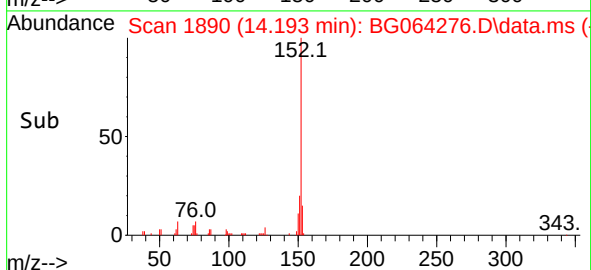
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

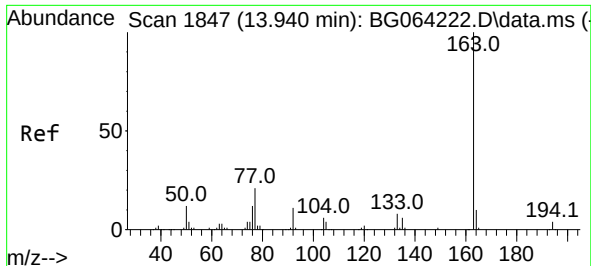


#49
Acenaphthylene
Concen: 5.599 ng
RT: 14.193 min Scan# 1890
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17



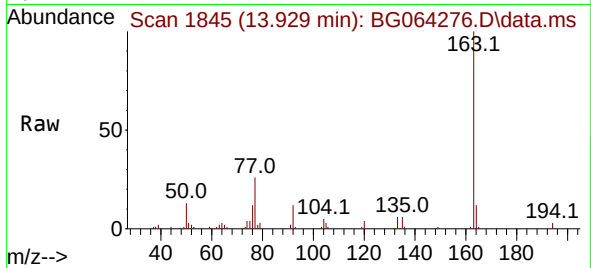
Tgt Ion:152 Resp: 54733
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 15.1 10.1 15.1#





#50
Dimethylphthalate
Concen: 5.248 ng
RT: 13.929 min Scan# 1845
Delta R.T. -0.017 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

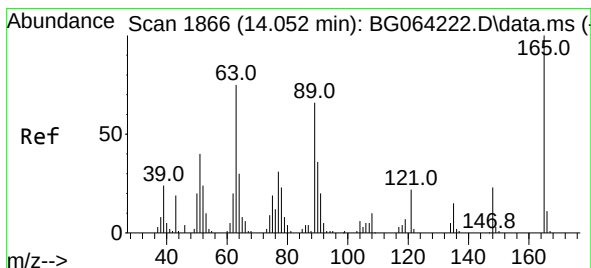
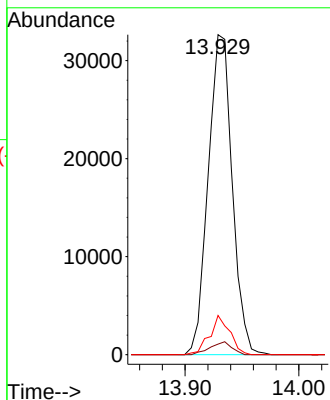
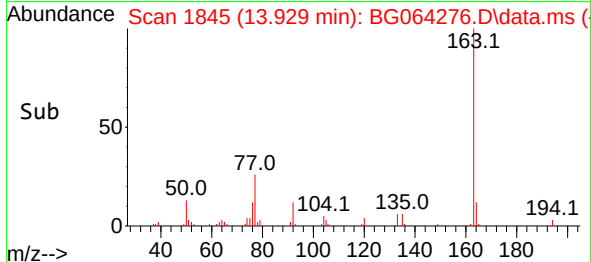
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2025



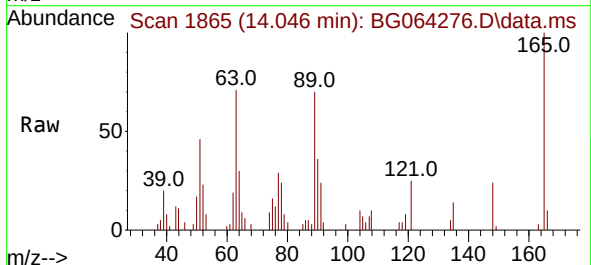
Tgt Ion:163 Resp: 4797
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 12.3 7.9 11.9

Manual Integrations
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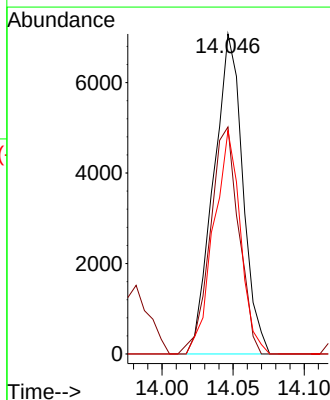
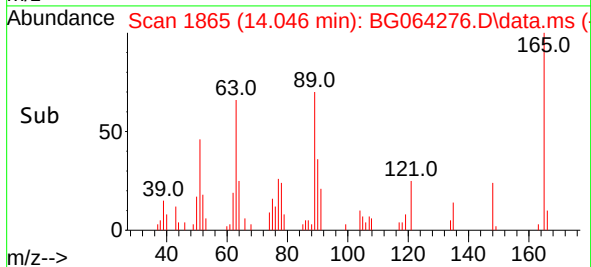
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

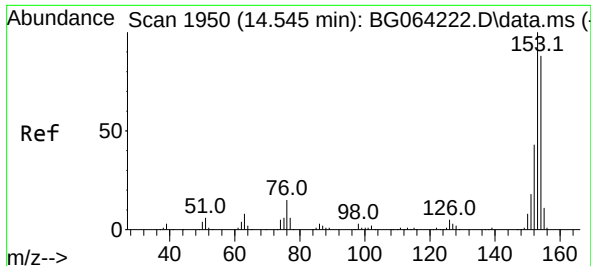


#51
2,6-Dinitrotoluene
Concen: 5.706 ng
RT: 14.046 min Scan# 1865
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17



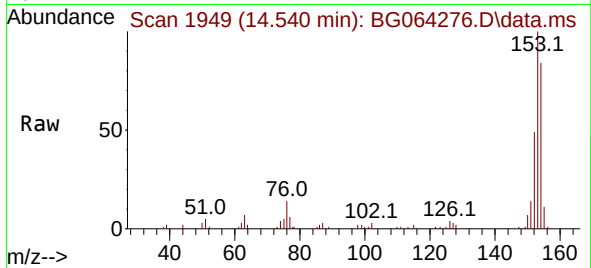
Tgt Ion:165 Resp: 10097
Ion Ratio Lower Upper
165 100
63 71.0 60.3 90.5
89 69.8 52.9 79.3





#52
Acenaphthene
Concen: 4.928 ng
RT: 14.540 min Scan# 1950
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

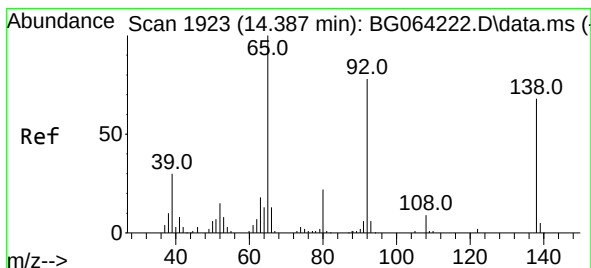
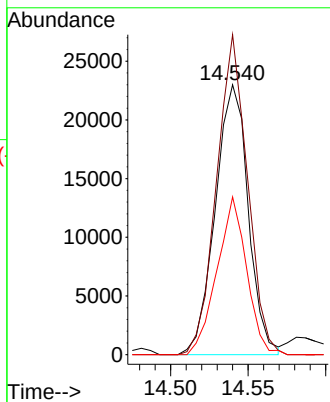
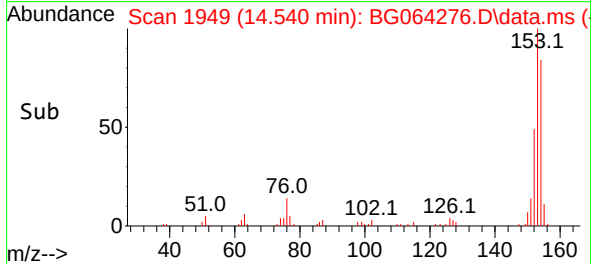
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2025



Tgt Ion:154 Resp: 3398
Ion Ratio Lower Upper
154 100
153 118.5 91.1 136.7
152 58.5 39.6 59.4

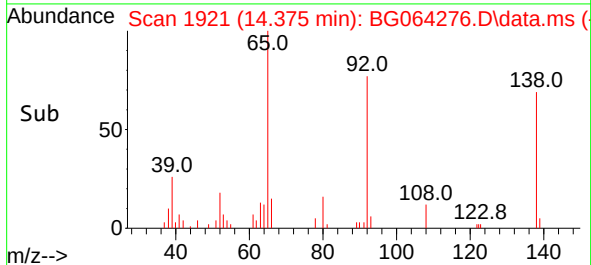
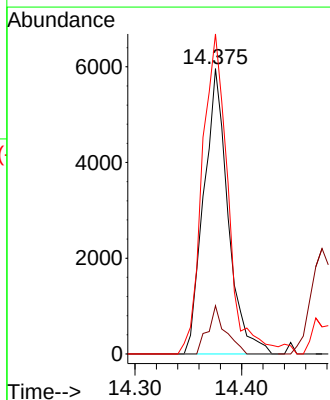
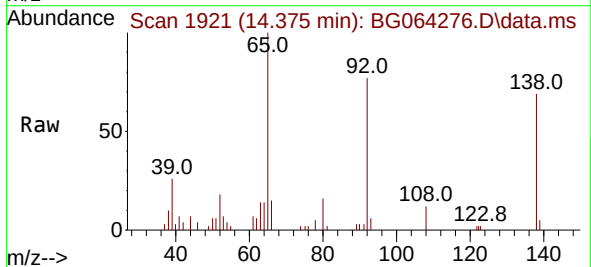
Manual Integrations
APPROVED

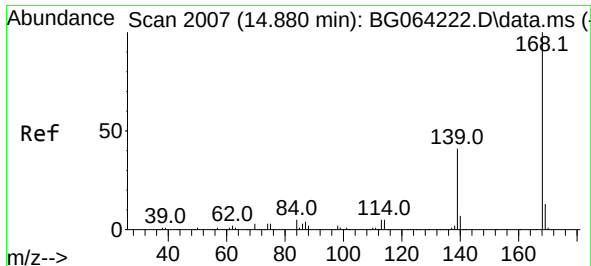
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#53
3-Nitroaniline
Concen: 5.081 ng
RT: 14.375 min Scan# 1921
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

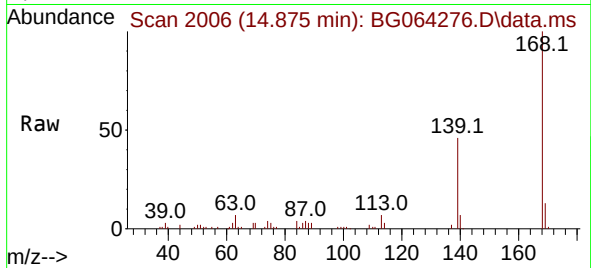
Tgt Ion:138 Resp: 9418
Ion Ratio Lower Upper
138 100
108 16.9 11.0 16.6#
92 112.1 91.4 137.0





#55
Dibenzofuran
Concen: 5.209 ng
RT: 14.875 min Scan# 20
Delta R.T. -0.005 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

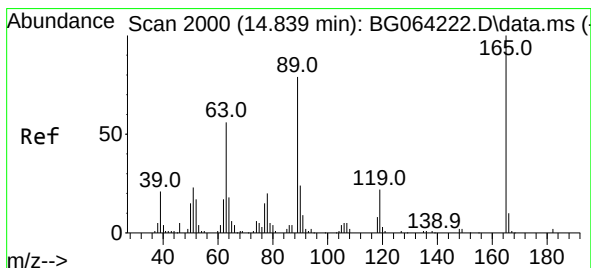
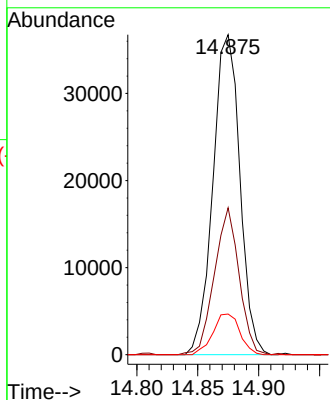
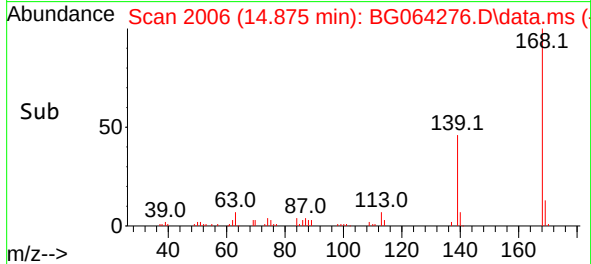
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:168 Resp: 5652
Ion Ratio Lower Upper
168 100
139 45.9 33.2 49.8
169 12.7 10.4 15.6

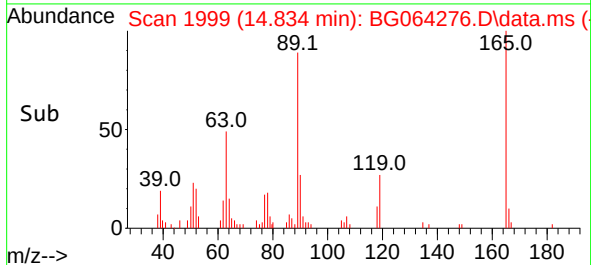
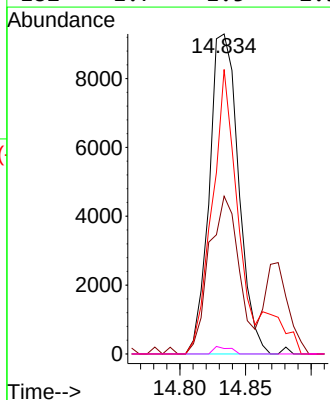
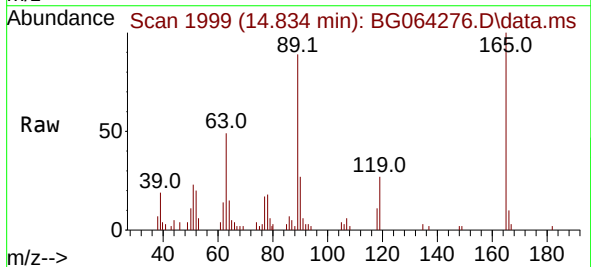
Manual Integrations
APPROVED

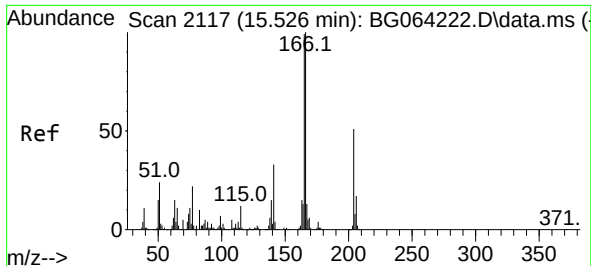
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#57
2,4-Dinitrotoluene
Concen: 5.378 ng
RT: 14.834 min Scan# 1999
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

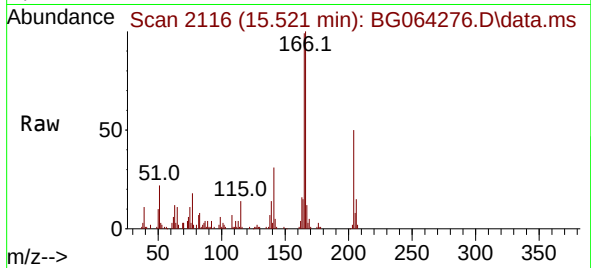
Tgt Ion:165 Resp: 14390
Ion Ratio Lower Upper
165 100
63 49.3 44.6 67.0
89 88.9 63.0 94.4
182 1.7 1.5 2.3





#58
 Fluorene
 Concen: 5.490 ng
 RT: 15.521 min Scan# 2117
 Delta R.T. -0.011 min
 Lab File: BG064276.D
 Acq: 4 Sep 2025 8:17

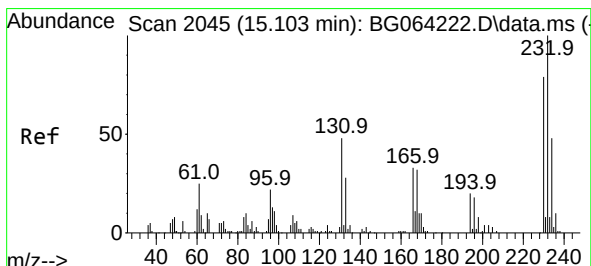
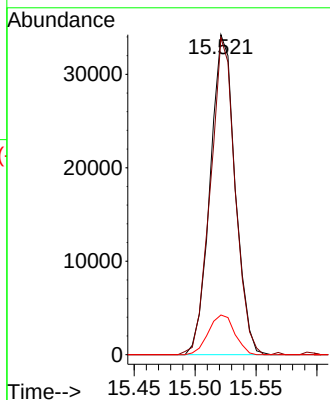
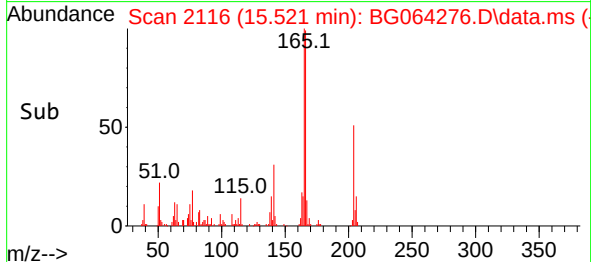
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025



Tgt Ion:166 Resp: 4882
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.1 118.7
 167 12.4 10.2 15.4

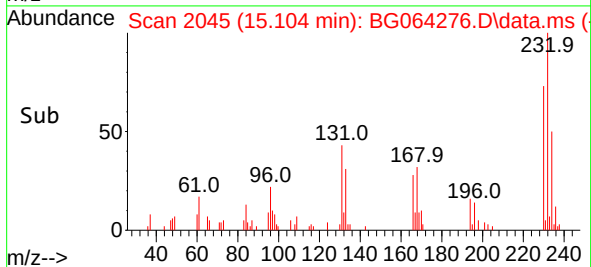
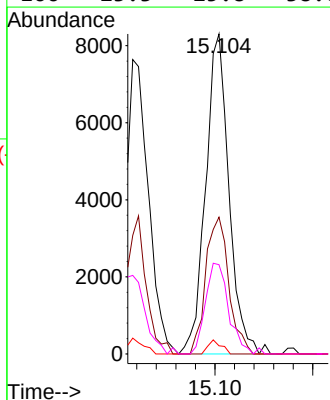
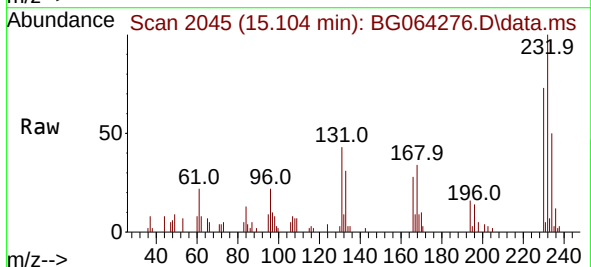
Manual Integrations
 APPROVED

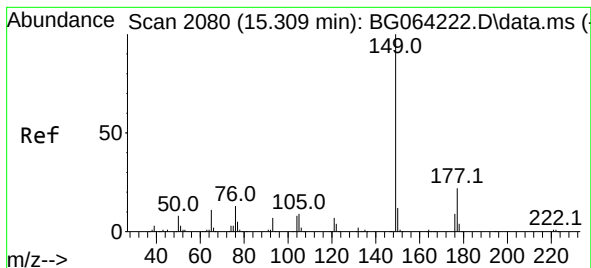
Reviewed By :Rahul Chavli 09/04/2025
 Supervised By :Jagrut Upadhyay 09/04/2025



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 5.684 ng m
 RT: 15.104 min Scan# 2045
 Delta R.T. -0.005 min
 Lab File: BG064276.D
 Acq: 4 Sep 2025 8:17

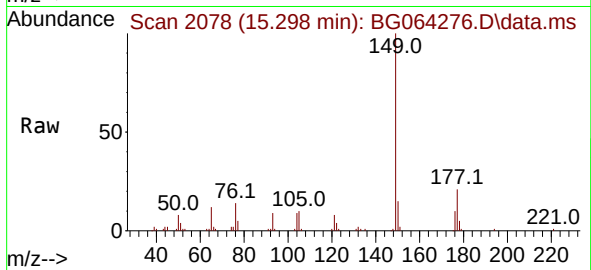
Tgt Ion:232 Resp: 13811
 Ion Ratio Lower Upper
 232 100
 131 37.1 37.1 55.7#
 130 3.2 2.6 3.8
 166 23.3 25.8 38.6#





#60
Diethylphthalate
Concen: 5.003 ng
RT: 15.298 min Scan# 2080
Delta R.T. -0.017 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

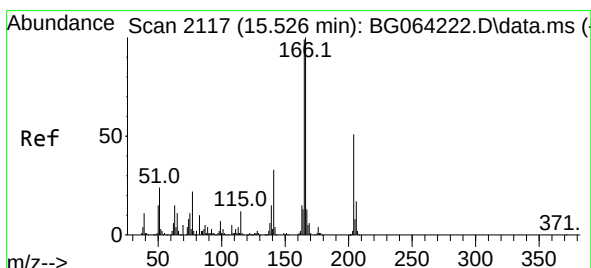
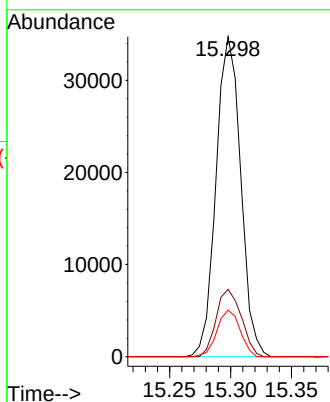
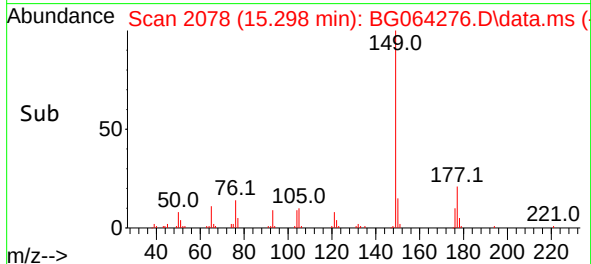
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



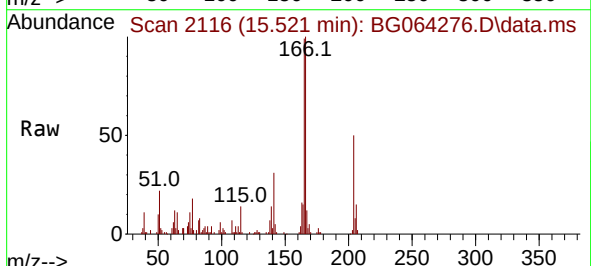
Tgt Ion:149 Resp: 48948
Ion Ratio Lower Upper
149 100
177 21.1 17.5 26.3
150 14.6 9.9 14.9

Manual Integrations
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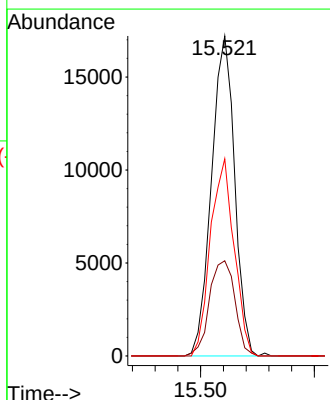
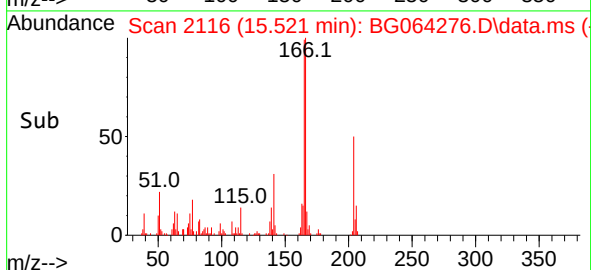
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

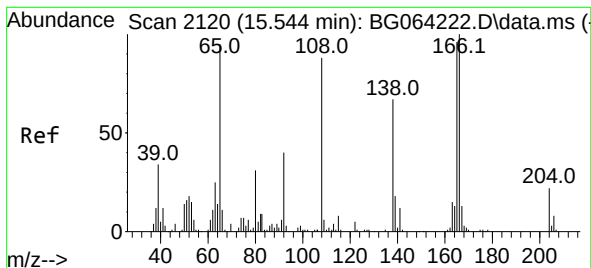


#61
4-Chlorophenyl-phenylether
Concen: 5.499 ng
RT: 15.521 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17



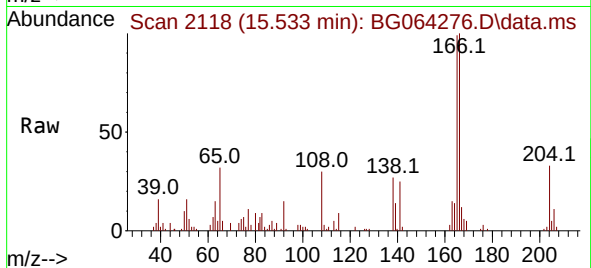
Tgt Ion:204 Resp: 24385
Ion Ratio Lower Upper
204 100
206 29.7 26.2 39.4
141 61.6 51.9 77.9





#62
4-Nitroaniline
Concen: 4.182 ng
RT: 15.533 min Scan# 2118
Delta R.T. -0.023 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

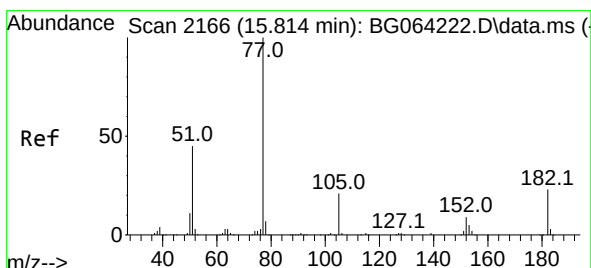
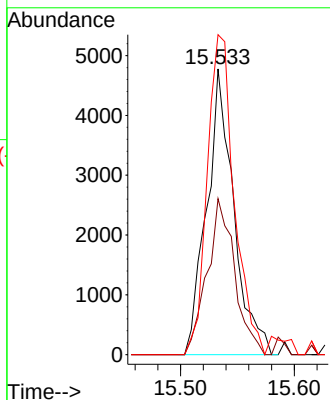
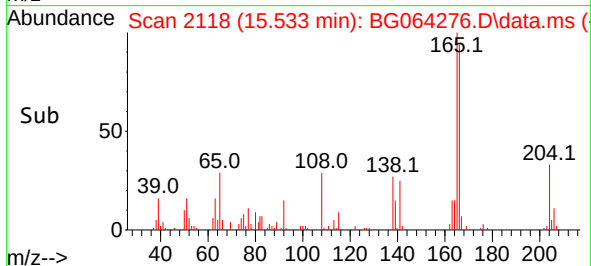
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



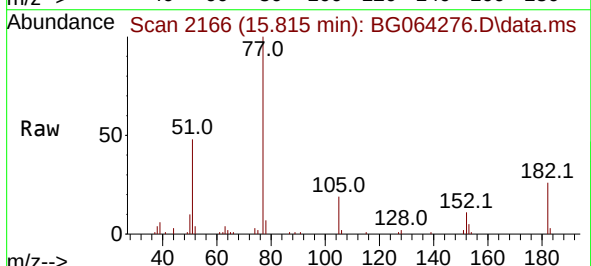
Tgt Ion:138 Resp: 7910
Ion Ratio Lower Upper
138 100
92 54.6 39.1 79.1
108 112.0 111.3 151.3

Manual Integrations
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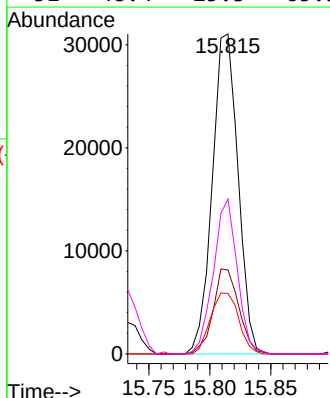
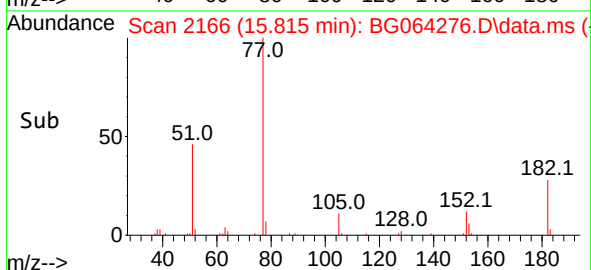
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

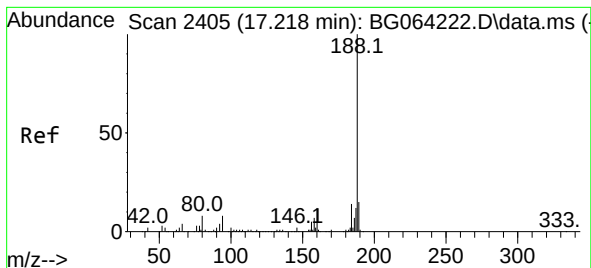


#63
Azobenzene
Concen: 5.228 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17



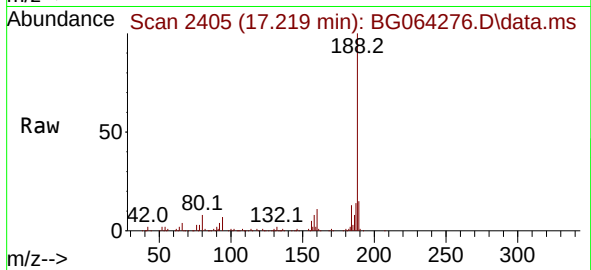
Tgt Ion: 77 Resp: 45588
Ion Ratio Lower Upper
77 100
182 26.3 3.3 43.3
105 18.9 0.6 40.6
51 48.4 25.3 65.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

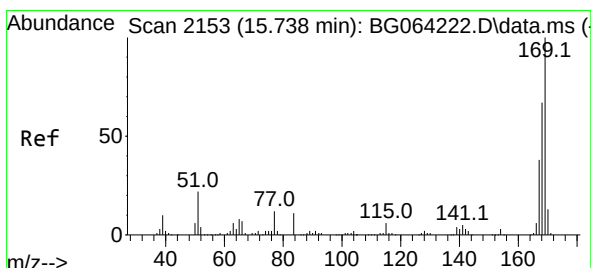
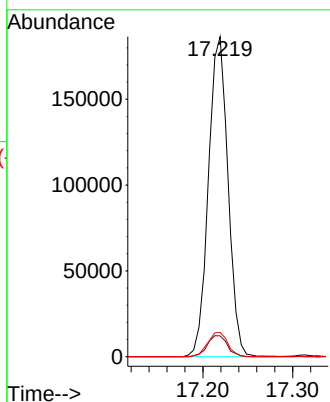
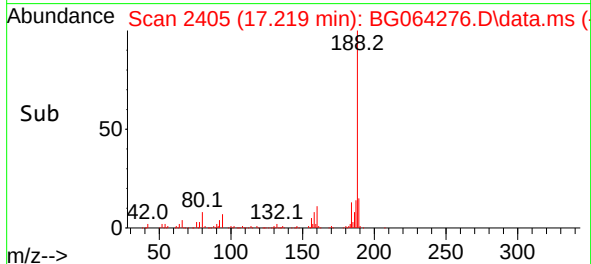
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



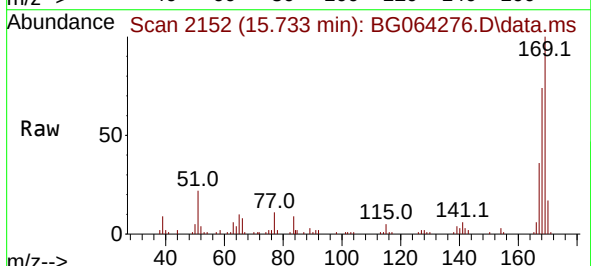
Tgt Ion:188 Resp: 28184
Ion Ratio Lower Upper
188 100
94 6.5 6.2 9.4
80 7.6 6.8 10.2

Manual Integrations
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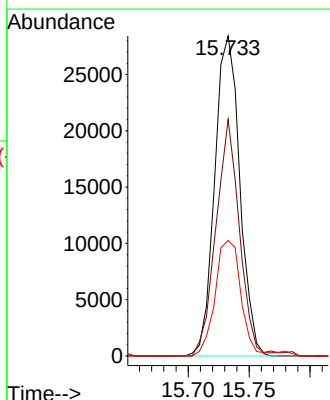
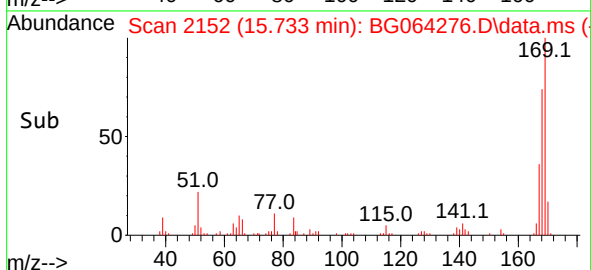
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

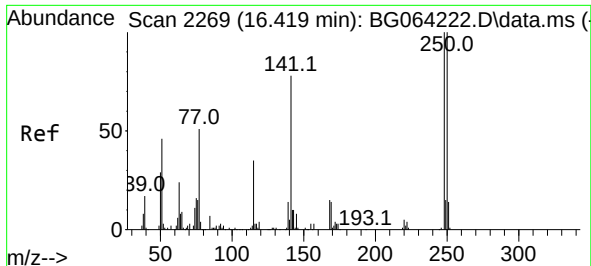


#66
n-Nitrosodiphenylamine
Concen: 5.247 ng
RT: 15.733 min Scan# 2152
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17



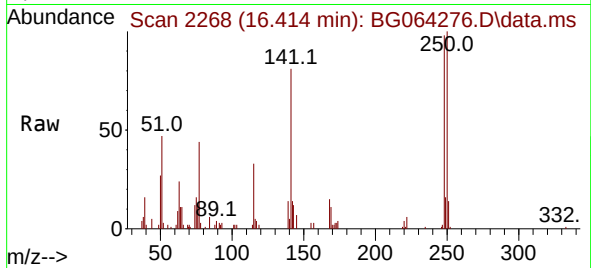
Tgt Ion:169 Resp: 40679
Ion Ratio Lower Upper
169 100
168 73.9 53.8 80.8
167 36.1 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 5.283 ng
RT: 16.414 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

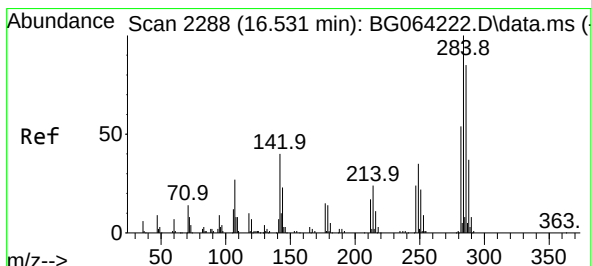
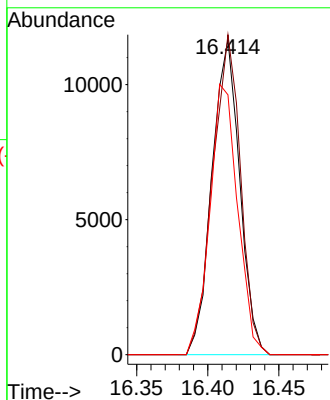
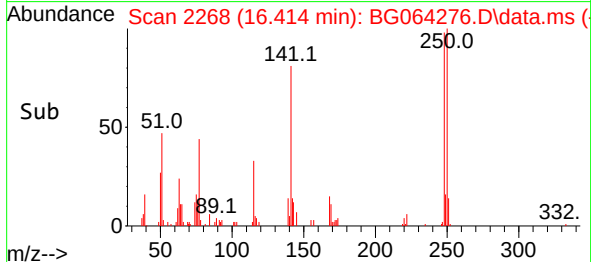
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:248 Resp: 1581
Ion Ratio Lower Upper
248 100
250 101.6 80.2 120.4
141 82.5 62.4 93.6

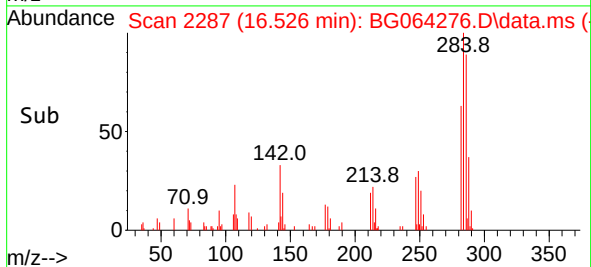
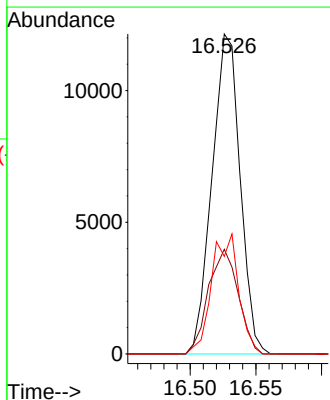
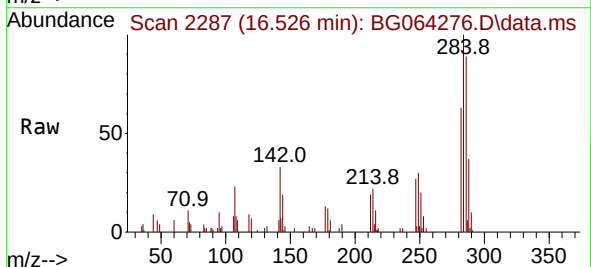
Manual Integrations
APPROVED

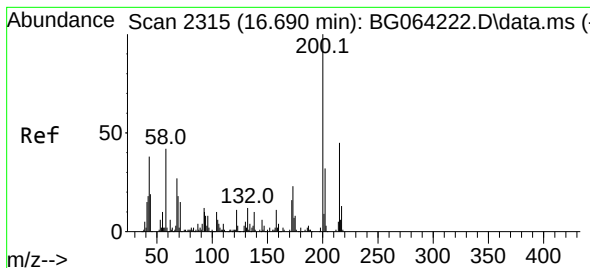
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#68
Hexachlorobenzene
Concen: 5.439 ng
RT: 16.526 min Scan# 2287
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

Tgt Ion:284 Resp: 18080
Ion Ratio Lower Upper
284 100
142 39.4 32.1 48.1
249 33.7 28.3 42.5





#69

Atrazine

Concen: 4.169 ng

RT: 16.679 min Scan# 21

Delta R.T. -0.017 min

Lab File: BG064276.D

Acq: 4 Sep 2025 8:17

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

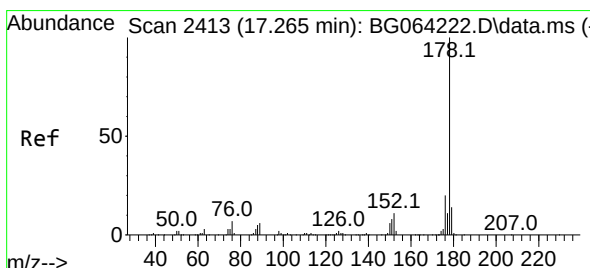
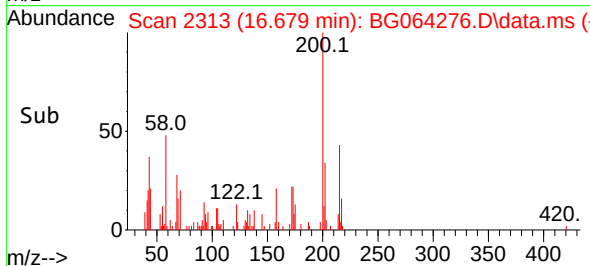
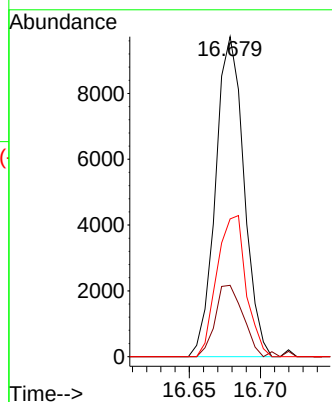
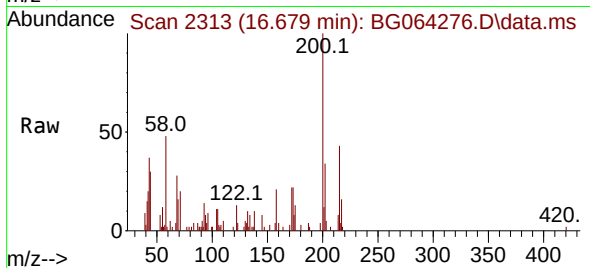
Tgt Ion:200 Resp: 13490
 Ion Ratio Lower Upper
 200 100
 173 22.3 3.5 43.5
 215 43.1 24.8 64.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#71

Phenanthrene

Concen: 5.234 ng

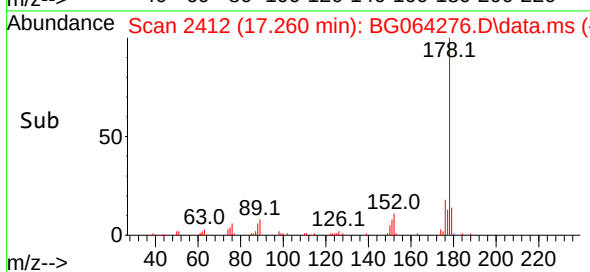
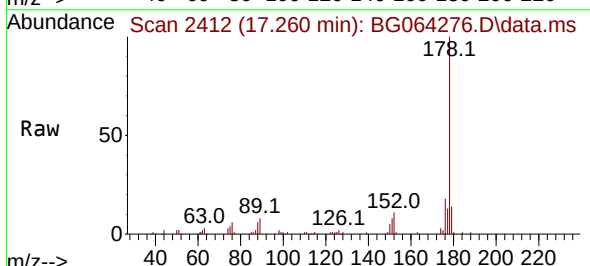
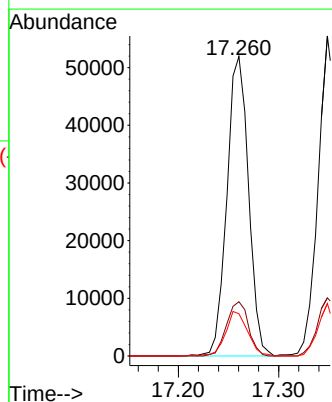
RT: 17.260 min Scan# 2412

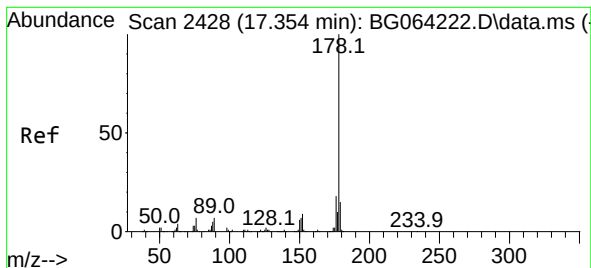
Delta R.T. -0.005 min

Lab File: BG064276.D

Acq: 4 Sep 2025 8:17

Tgt Ion:178 Resp: 77800
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.9 23.9
 179 14.1 11.4 17.2





#72

Anthracene

Concen: 5.147 ng

RT: 17.348 min Scan# 2428

Delta R.T. -0.011 min

Lab File: BG064276.D

Acq: 4 Sep 2025 8:17

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

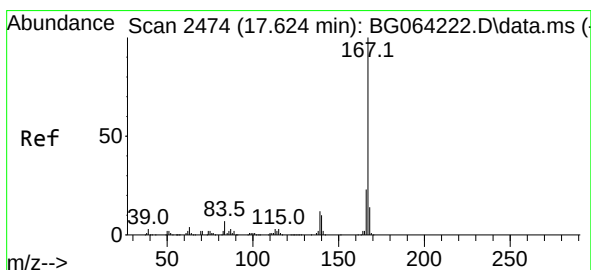
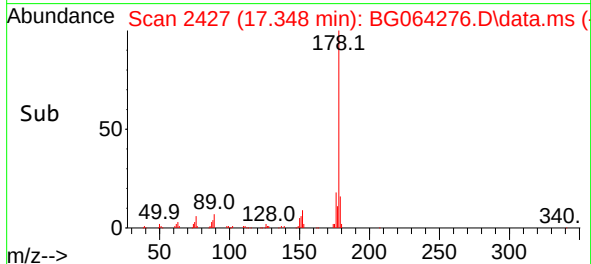
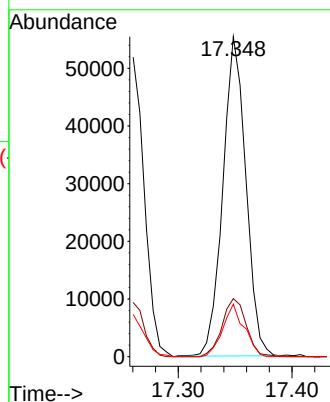
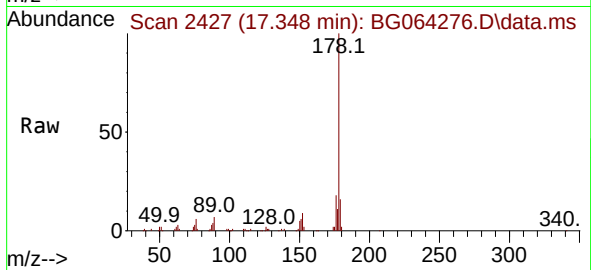
Tgt Ion:178 Resp: 77825
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.7 22.1
 179 16.4 12.1 18.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#73

Carbazole

Concen: 4.389 ng

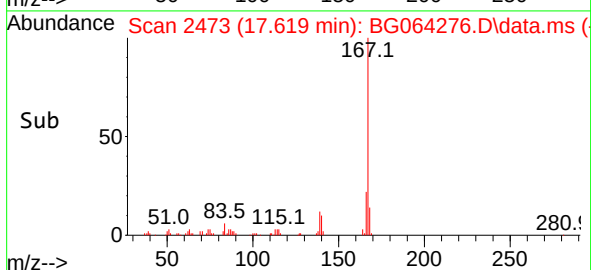
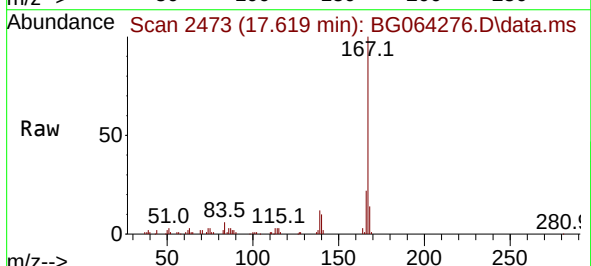
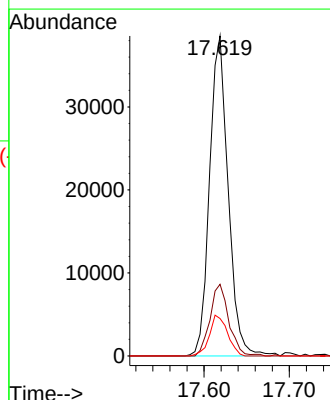
RT: 17.619 min Scan# 2473

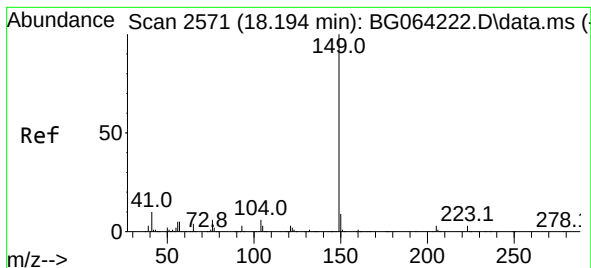
Delta R.T. -0.005 min

Lab File: BG064276.D

Acq: 4 Sep 2025 8:17

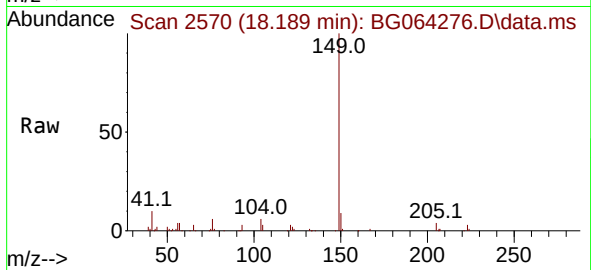
Tgt Ion:167 Resp: 58466
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 11.7 9.8 14.6





#74
Di-n-butylphthalate
Concen: 3.879 ng
RT: 18.189 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

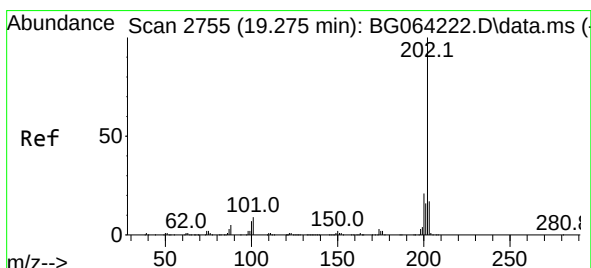
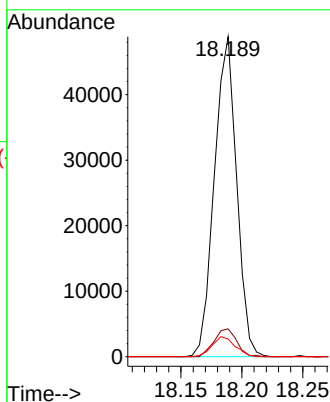
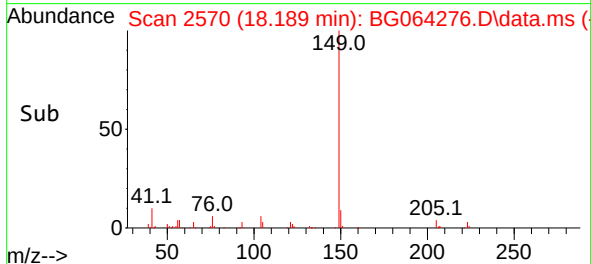
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



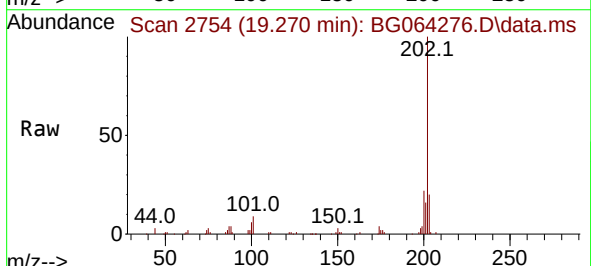
Tgt Ion:149 Resp: 62074
Ion Ratio Lower Upper
149 100
150 8.7 7.5 11.3
104 5.6 4.6 7.0

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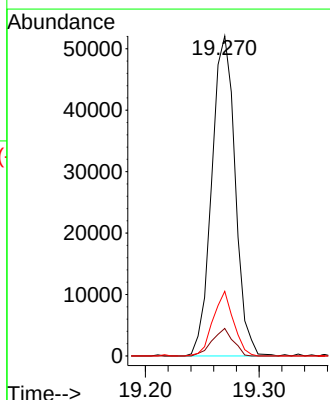
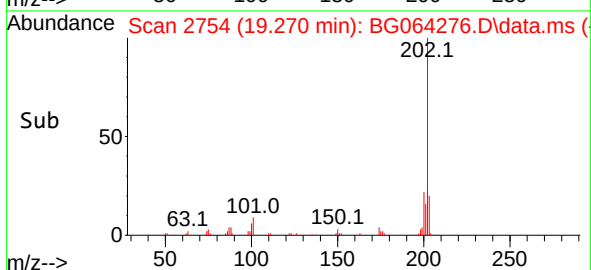
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

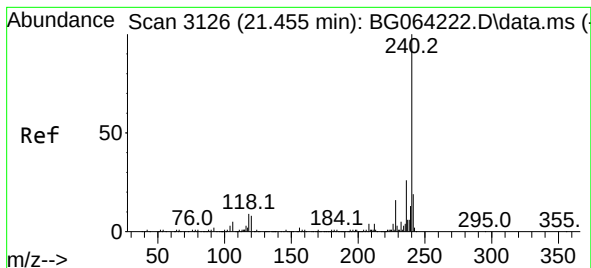


#75
Fluoranthene
Concen: 4.267 ng
RT: 19.270 min Scan# 2754
Delta R.T. -0.005 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17



Tgt Ion:202 Resp: 74580
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.7
203 20.2 0.0 36.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.444 min Scan# 3126

Delta R.T. -0.011 min

Lab File: BG064276.D

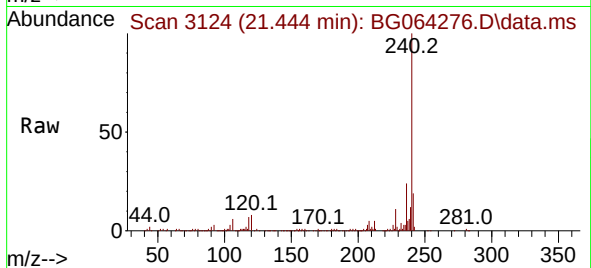
Acq: 4 Sep 2025 8:17

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025



Tgt Ion:240 Resp: 223170

Ion Ratio Lower Upper

240 100

120 8.5 6.2 9.4

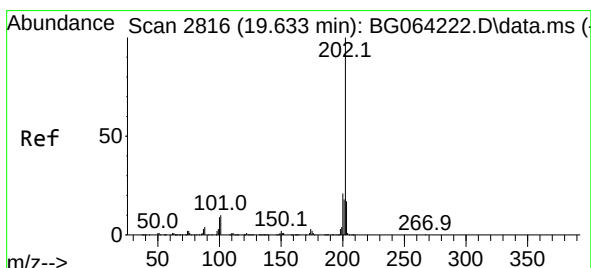
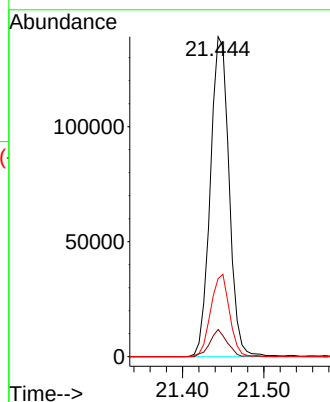
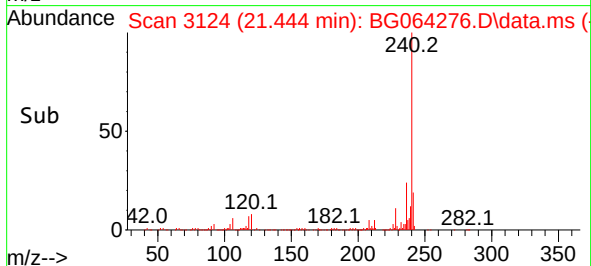
236 24.4 20.5 30.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#78

Pyrene

Concen: 5.247 ng

RT: 19.628 min Scan# 2815

Delta R.T. -0.011 min

Lab File: BG064276.D

Acq: 4 Sep 2025 8:17

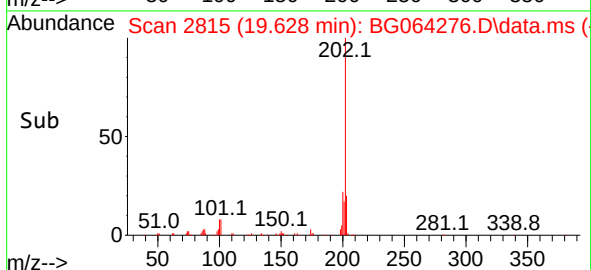
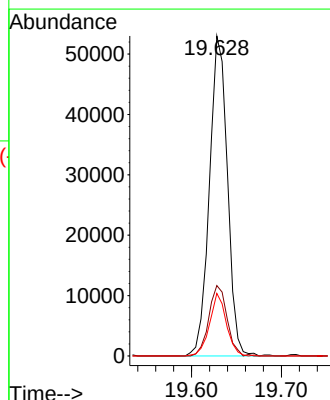
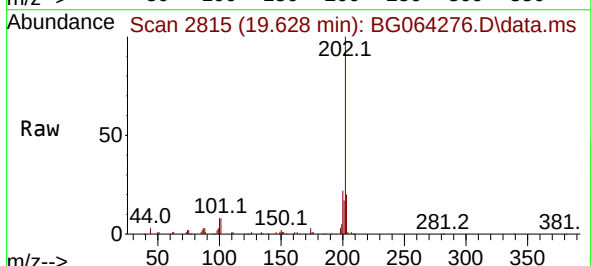
Tgt Ion:202 Resp: 73770

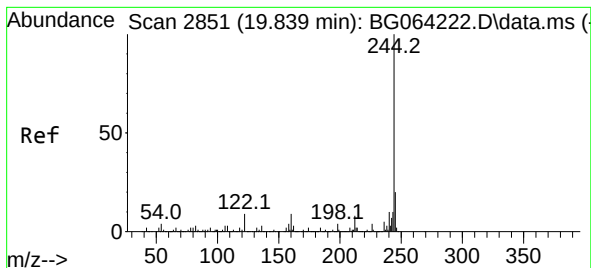
Ion Ratio Lower Upper

202 100

200 22.0 16.9 25.3

203 19.5 13.8 20.8





#79

Terphenyl-d14

Concen: 101.781 ng

RT: 19.840 min Scan# 2851

Delta R.T. -0.005 min

Lab File: BG064276.D

Acq: 4 Sep 2025 8:17

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion:244 Resp: 108871

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

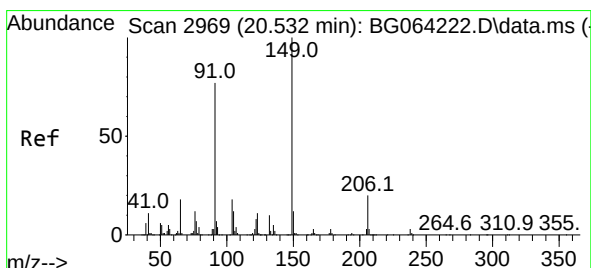
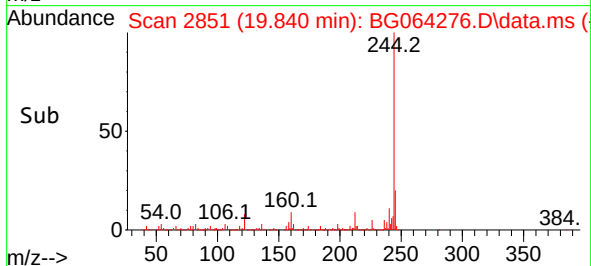
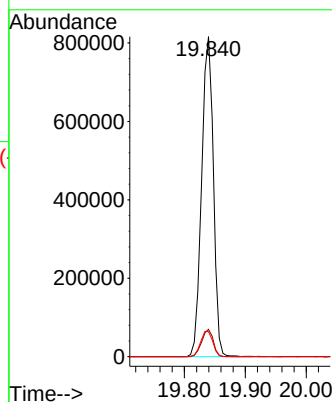
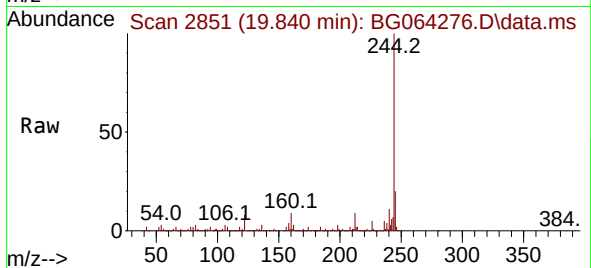
122 7.8 7.0 10.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#80

Butylbenzylphthalate

Concen: 5.093 ng

RT: 20.527 min Scan# 2968

Delta R.T. -0.005 min

Lab File: BG064276.D

Acq: 4 Sep 2025 8:17

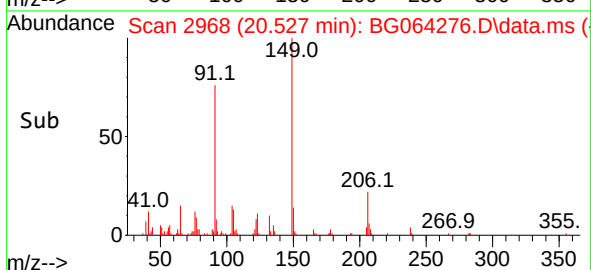
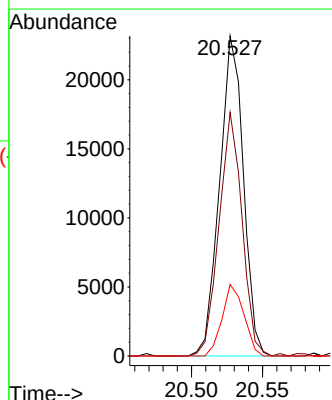
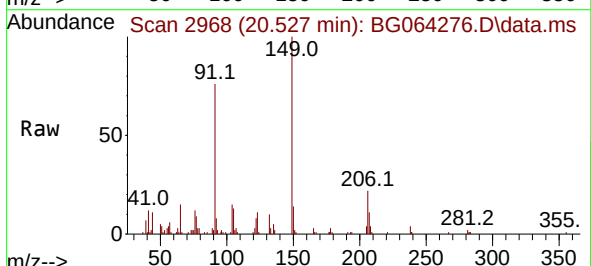
Tgt Ion:149 Resp: 27008

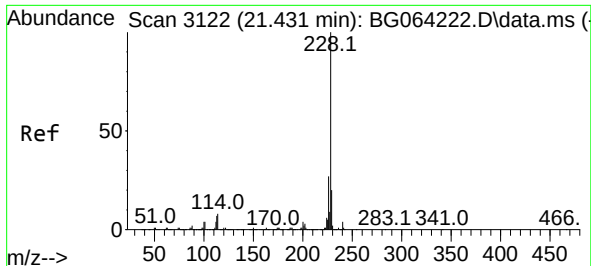
Ion Ratio Lower Upper

149 100

91 76.1 61.4 92.0

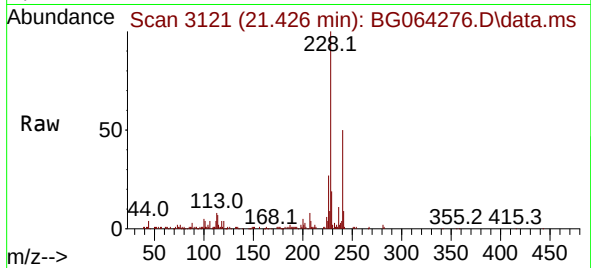
206 22.3 15.8 23.6





#81
Benzo(a)anthracene
Concen: 5.159 ng
RT: 21.426 min Scan# 3121
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

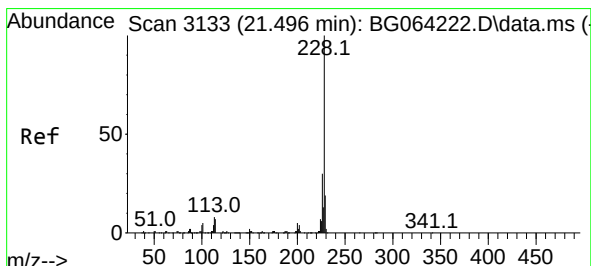
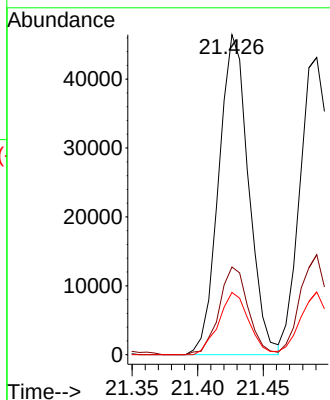
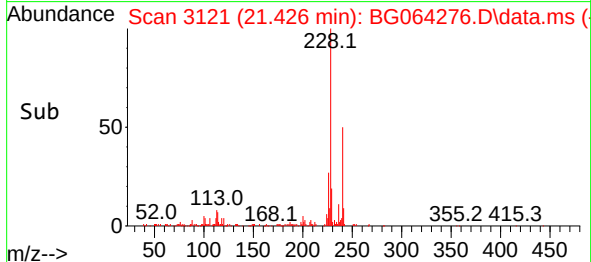
Instrument : BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



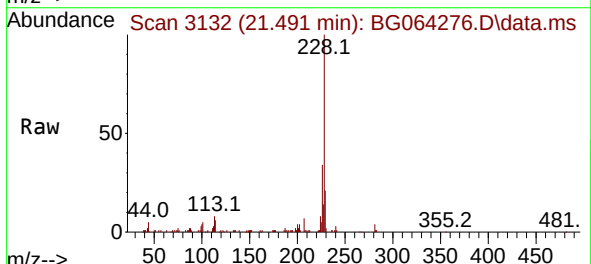
Tgt Ion:228 Resp: 7366
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.5 15.9 23.9

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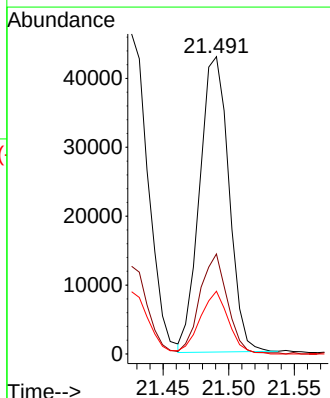
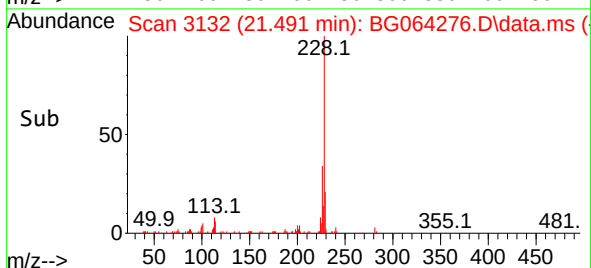
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

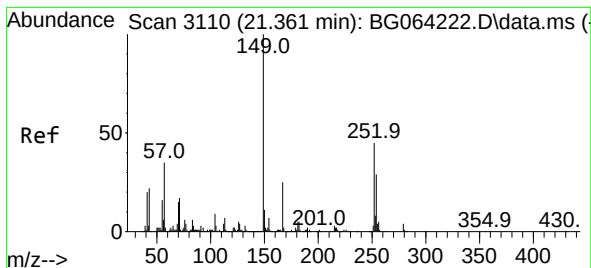


#83
Chrysene
Concen: 4.868 ng
RT: 21.491 min Scan# 3132
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17



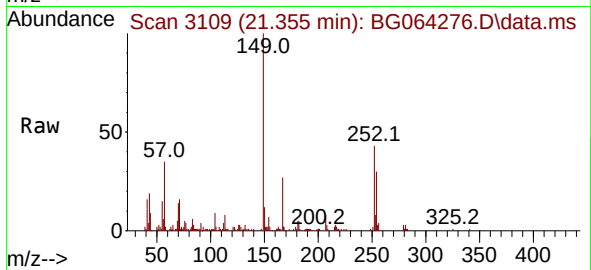
Tgt Ion:228 Resp: 66724
Ion Ratio Lower Upper
228 100
226 33.7 24.2 36.2
229 21.1 15.4 23.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.223 ng
RT: 21.355 min Scan# 3110
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

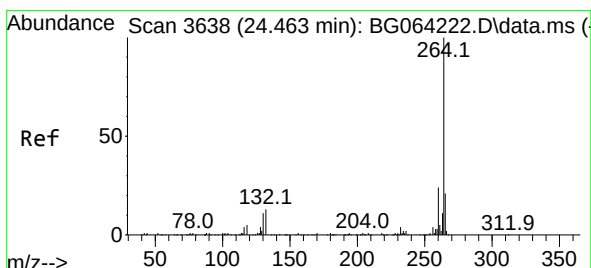
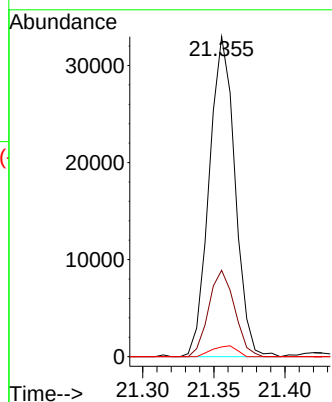
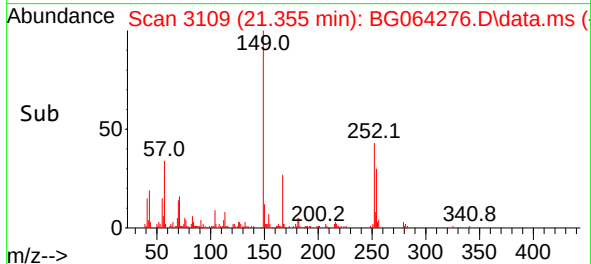
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:149 Resp: 41588
Ion Ratio Lower Upper
149 100
167 27.0 20.0 30.0
279 3.1 3.0 4.4

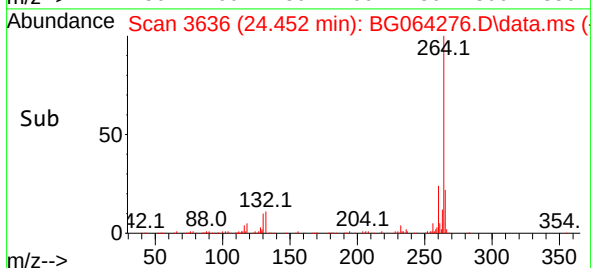
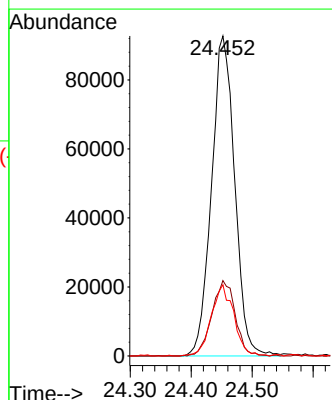
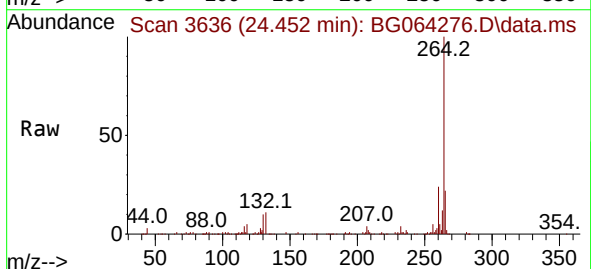
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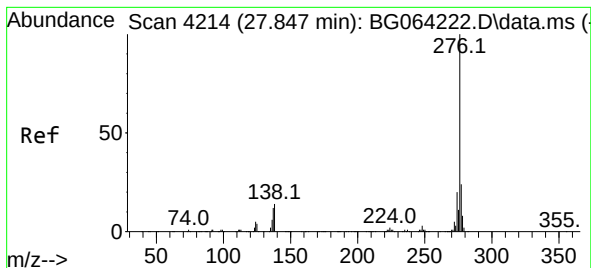
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.452 min Scan# 3636
Delta R.T. -0.011 min
Lab File: BG064276.D
Acq: 4 Sep 2025 8:17

Tgt Ion:264 Resp: 244926
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 22.3 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.059 ng

RT: 27.830 min Scan# 4211

Delta R.T. -0.041 min

Lab File: BG064276.D

Acq: 4 Sep 2025 8:17

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion:276 Resp: 8462

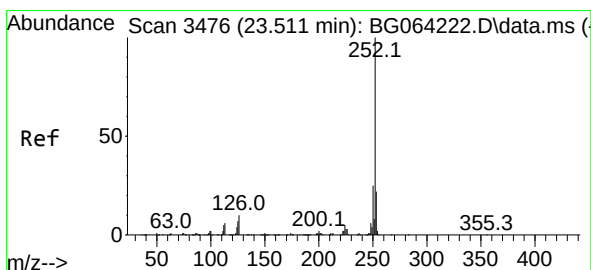
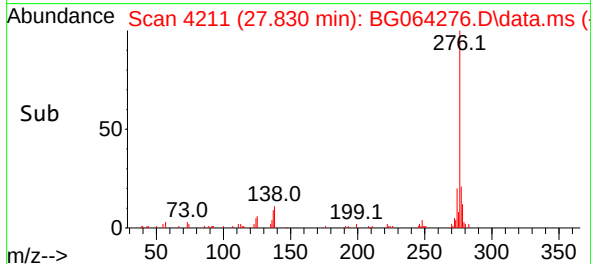
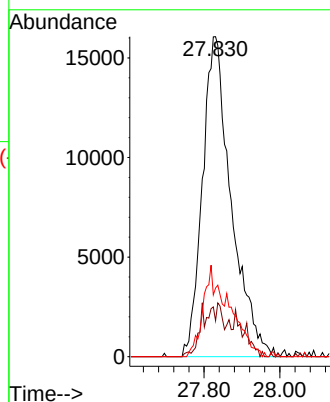
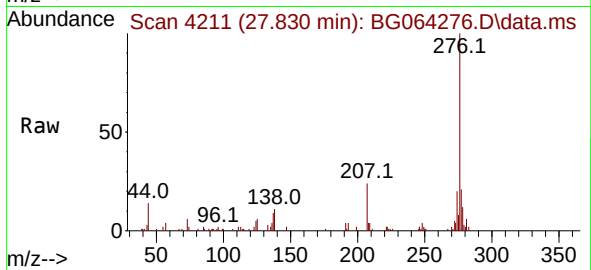
Ion	Ratio	Lower	Upper
276	100		
138	0.8	7.4	11.0
277	16.6	20.5	30.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#88

Benzo(b)fluoranthene

Concen: 5.023 ng m

RT: 23.500 min Scan# 3474

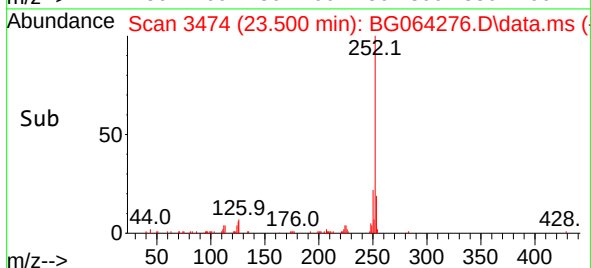
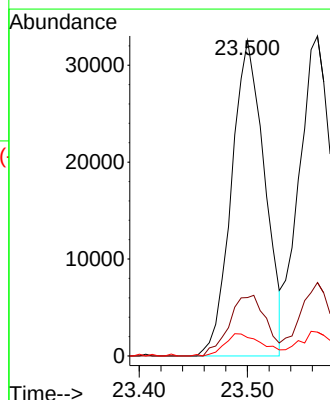
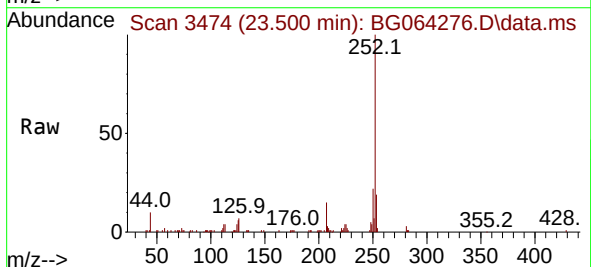
Delta R.T. -0.017 min

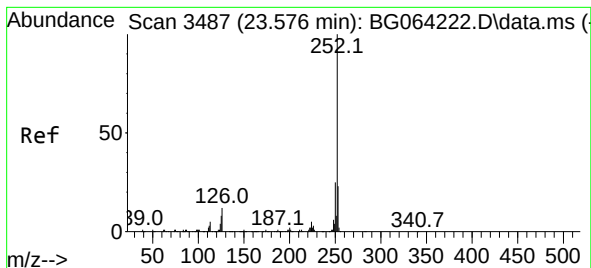
Lab File: BG064276.D

Acq: 4 Sep 2025 8:17

Tgt Ion:252 Resp: 69429

Ion	Ratio	Lower	Upper
252	100		
253	18.5	17.5	26.3
125	5.8	5.9	8.9





#89

Benzo(k)fluoranthene

Concen: 5.078 ng

RT: 23.565 min Scan# 34

Delta R.T. -0.023 min

Lab File: BG064276.D

Acq: 4 Sep 2025 8:17

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

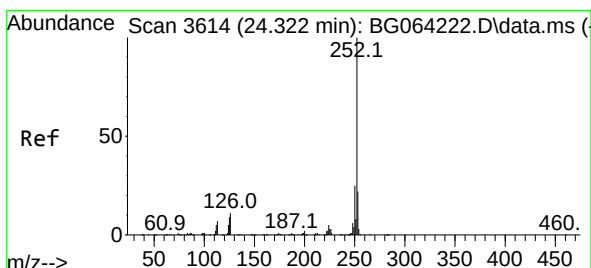
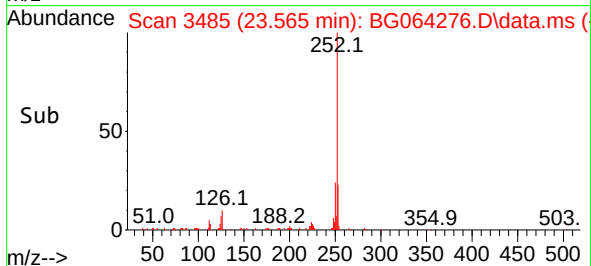
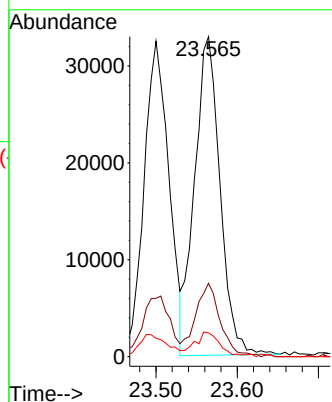
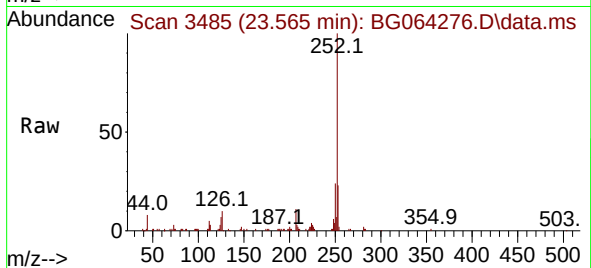
Tgt Ion:252 Resp: 7151
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.2 27.4
 125 7.4 7.0 10.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#90

Benzo(a)pyrene

Concen: 5.301 ng

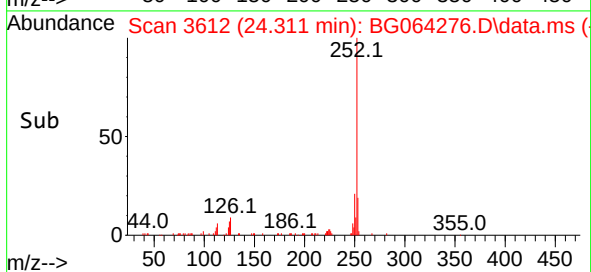
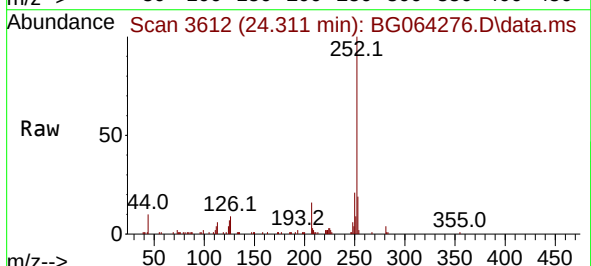
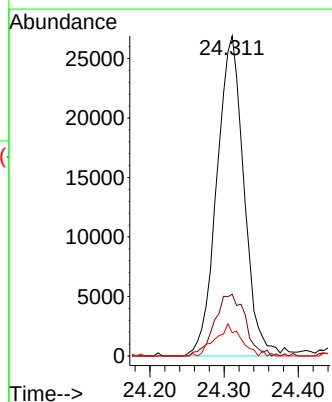
RT: 24.311 min Scan# 3612

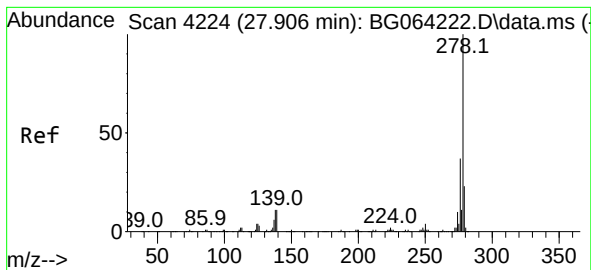
Delta R.T. -0.017 min

Lab File: BG064276.D

Acq: 4 Sep 2025 8:17

Tgt Ion:252 Resp: 68170
 Ion Ratio Lower Upper
 252 100
 253 19.3 17.4 26.2
 125 7.2 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 5.222 ng

RT: 27.889 min Scan# 41

Delta R.T. -0.035 min

Lab File: BG064276.D

Acq: 4 Sep 2025 8:17

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

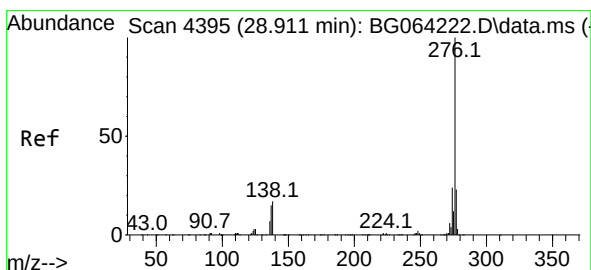
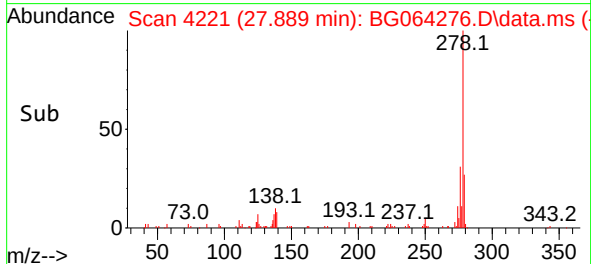
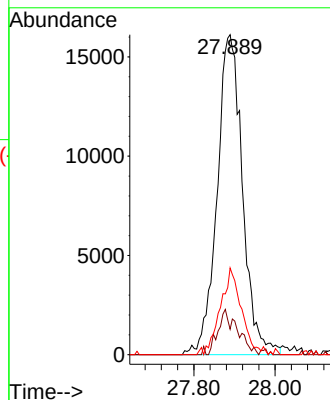
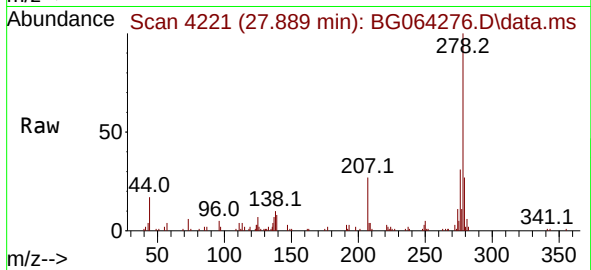
Tgt Ion:278 Resp: 70120
 Ion Ratio Lower Upper
 278 100
 139 8.0 9.0 13.4
 279 27.1 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#92

Benzo(g,h,i)perylene

Concen: 5.197 ng

RT: 28.876 min Scan# 4389

Delta R.T. -0.058 min

Lab File: BG064276.D

Acq: 4 Sep 2025 8:17

Tgt Ion:276 Resp: 67911
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.2 27.4
 138 17.5 13.3 19.9

