

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
 Data File : BG064539.D
 Acq On : 17 Oct 2025 17:10
 Operator : RC/JU
 Sample : Q3363-05MS
 Misc : 8270/625.1 SPIKE
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP01-20251015MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

Quant Time: Oct 17 17:46:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	14953	20.000	ng	0.00
21) Naphthalene-d8	10.601	136	59781	20.000	ng	0.00
39) Acenaphthene-d10	14.444	164	44289	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	105365	20.000	ng	0.00
76) Chrysene-d12	21.412	240	119699	20.000	ng	0.00
86) Perylene-d12	24.397	264	135091	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.413	112	65217	80.717	ng	0.00
7) Phenol-d6	7.000	99	83245	76.668	ng	0.01
23) Nitrobenzene-d5	8.974	82	56131	50.487	ng	0.00
42) 2,4,6-Tribromophenol	15.936	330	64752	80.658	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	126920	42.241	ng	0.00
79) Terphenyl-d14	19.808	244	270707	42.800	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	11152	34.895	ng	# 87
3) Pyridine	3.704	79	27968	32.562	ng	98
4) n-Nitrosodimethylamine	3.621	42	28433	45.664	ng	97
6) Aniline	7.141	93	37348	27.269	ng	96
8) 2-Chlorophenol	7.388	128	46281	46.647	ng	97
9) Benzaldehyde	6.959	77	19613	20.349	ng	95
10) Phenol	7.023	94	52730	46.036	ng	95
11) bis(2-Chloroethyl)ether	7.241	93	33980	43.806	ng	93
12) 1,3-Dichlorobenzene	7.705	146	49650	45.746	ng	98
13) 1,4-Dichlorobenzene	7.852	146	51306	47.101	ng	98
14) 1,2-Dichlorobenzene	8.169	146	49913	46.493	ng	98
15) Benzyl Alcohol	8.057	79	44848	44.851	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.339	45	50564	40.440	ng	98
17) 2-Methylphenol	8.269	107	38549	46.478	ng	# 86
18) Hexachloroethane	8.892	117	19258	44.791	ng	# 84
19) n-Nitroso-di-n-propyla...	8.621	70	30734	42.324	ng	94
20) 3+4-Methylphenols	8.592	107	50781	43.875	ng	98
22) Acetophenone	8.633	105	74626	51.557	ng	97
24) Nitrobenzene	9.015	77	49729	44.854	ng	98
25) Isophorone	9.538	82	86042	42.720	ng	95
26) 2-Nitrophenol	9.726	139	25805	46.765	ng	96
27) 2,4-Dimethylphenol	9.791	122	42438	50.354	ng	93
28) bis(2-Chloroethoxy)met...	10.020	93	46890	45.672	ng	94
29) 2,4-Dichlorophenol	10.261	162	46840	48.061	ng	97
30) 1,2,4-Trichlorobenzene	10.466	180	54864	51.629	ng	97
31) Naphthalene	10.654	128	146735	47.666	ng	99
32) Benzoic acid	9.961	122	34778	53.747	ng	92
33) 4-Chloroaniline	10.766	127	24076	20.381	ng	93
34) Hexachlorobutadiene	10.942	225	45535	50.035	ng	92
35) Caprolactam	11.547	113	13572m	40.678	ng	
36) 4-Chloro-3-methylphenol	11.900	107	54257	45.779	ng	97
37) 2-Methylnaphthalene	12.264	142	99440	42.081	ng	97
38) 1-Methylnaphthalene	12.488	142	102753	43.608	ng	99
40) 1,2,4,5-Tetrachloroben...	12.640	216	77018	53.858	ng	97
41) Hexachlorocyclopentadiene	12.617	237	95338	127.452	ng	93
43) 2,4,6-Trichlorophenol	12.875	196	44620m	48.810	ng	

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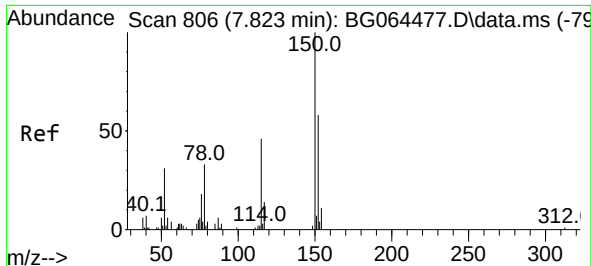
Manual Integrations
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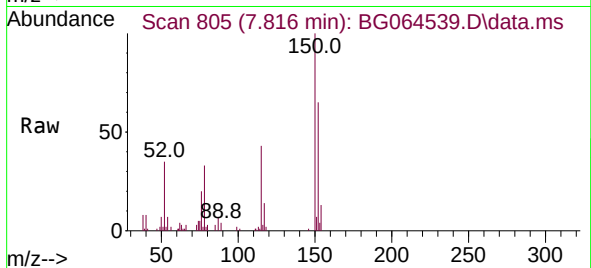
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.958	196	48888	47.902	ng	97
46) 1,1'-Biphenyl	13.281	154	162959	51.158	ng	99
47) 2-Chloronaphthalene	13.322	162	108809	45.751	ng	98
48) 2-Nitroaniline	13.527	65	36904	45.464	ng	87
49) Acenaphthylene	14.168	152	187789	53.191	ng	99
50) Dimethylphthalate	13.909	163	150526	43.395	ng	# 99
51) 2,6-Dinitrotoluene	14.027	165	33313	46.103	ng	# 84
52) Acenaphthene	14.509	154	110340	44.985	ng	99
53) 3-Nitroaniline	14.356	138	20766	31.162	ng	91
54) 2,4-Dinitrophenol	14.562	184	42410	80.943	ng	87
55) Dibenzofuran	14.844	168	183981	45.428	ng	98
56) 4-Nitrophenol	14.679	139	49605	94.546	ng	# 81
57) 2,4-Dinitrotoluene	14.814	165	51642	46.752	ng	94
58) Fluorene	15.496	166	158117	46.962	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.079	232	50198	48.195	ng	97
60) Diethylphthalate	15.272	149	161869	43.500	ng	100
61) 4-Chlorophenyl-phenyle...	15.490	204	83871	45.628	ng	98
62) 4-Nitroaniline	15.519	138	32873	47.329	ng	87
63) Azobenzene	15.784	77	141129	48.972	ng	97
65) 4,6-Dinitro-2-methylph...	15.578	198	34919	47.598	ng	92
66) n-Nitrosodiphenylamine	15.707	169	135307	48.089	ng	96
67) 4-Bromophenyl-phenylether	16.383	248	60052	48.433	ng	86
68) Hexachlorobenzene	16.500	284	69134	48.727	ng	96
69) Atrazine	16.659	200	62438	49.878	ng	97
70) Pentachlorophenol	16.847	266	87212	105.130	ng	99
71) Phenanthrene	17.229	178	262816	47.697	ng	99
72) Anthracene	17.323	178	266811	48.267	ng	99
73) Carbazole	17.593	167	238547	49.925	ng	97
74) Di-n-butylphthalate	18.157	149	281684	48.293	ng	99
75) Fluoranthene	19.244	202	334592	50.829	ng	99
77) Benzidine	19.426	184	112523	37.778	ng	98
78) Pyrene	19.603	202	352090	45.325	ng	98
80) Butylbenzylphthalate	20.496	149	129118	46.889	ng	99
81) Benzo(a)anthracene	21.395	228	372243	48.705	ng	96
82) 3,3'-Dichlorobenzidine	21.318	252	59938	23.171	ng	# 98
83) Chrysene	21.459	228	350025	48.291	ng	98
84) Bis(2-ethylhexyl)phtha...	21.318	149	187329	48.214	ng	95
85) Di-n-octyl phthalate	22.446	149	313562	48.019	ng	99
87) Indeno(1,2,3-cd)pyrene	27.764	276	461542	49.084	ng	97
88) Benzo(b)fluoranthene	23.463	252	383587	49.912	ng	99
89) Benzo(k)fluoranthene	23.528	252	366203	47.311	ng	99
90) Benzo(a)pyrene	24.262	252	368019	51.958	ng	99
91) Dibenzo(a,h)anthracene	27.817	278	368482	49.001	ng	# 98
92) Benzo(g,h,i)perylene	28.810	276	375662	51.406	ng	94

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.816 min Scan# 80
 Delta R.T. -0.004 min
 Lab File: BG064539.D
 Acq: 17 Oct 2025 17:10

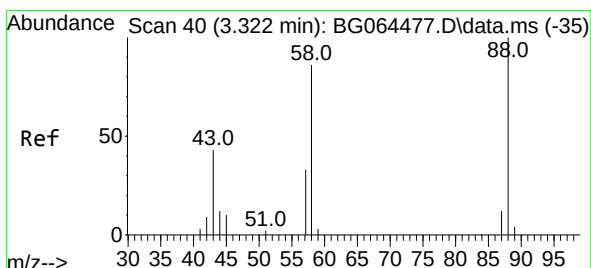
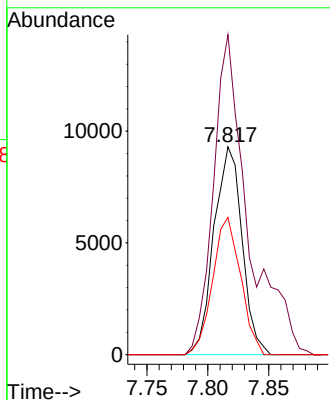
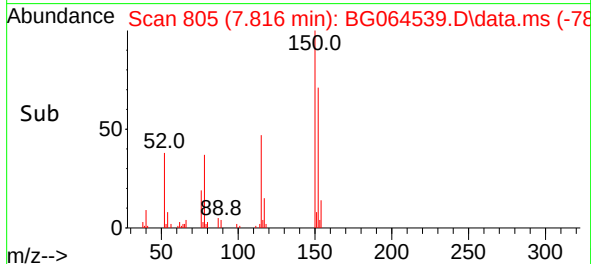
Instrument :
 BNA_G
 ClientSampleId :
 COMP01-20251015MS



Tgt Ion:152 Resp: 14953
 Ion Ratio Lower Upper
 152 100
 150 154.0 138.6 207.8
 115 66.0 63.4 95.2

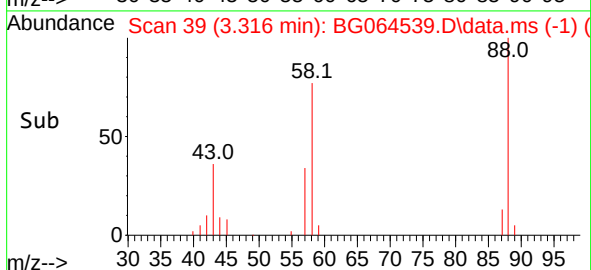
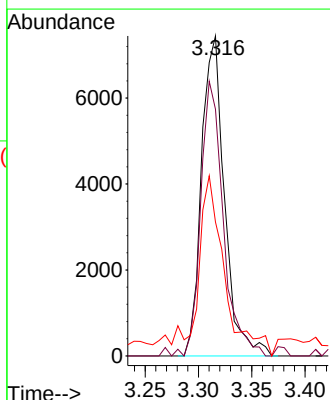
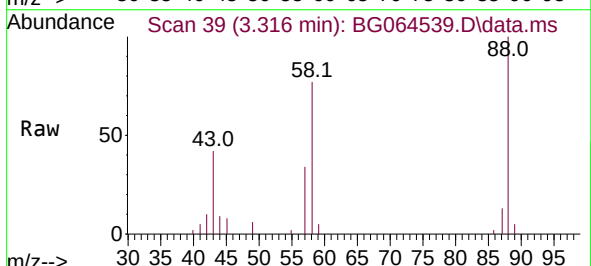
Manual Integrations
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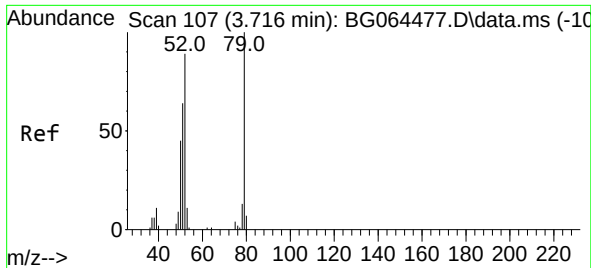
Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025



#2
 1,4-Dioxane
 Concen: 34.895 ng
 RT: 3.316 min Scan# 39
 Delta R.T. -0.004 min
 Lab File: BG064539.D
 Acq: 17 Oct 2025 17:10

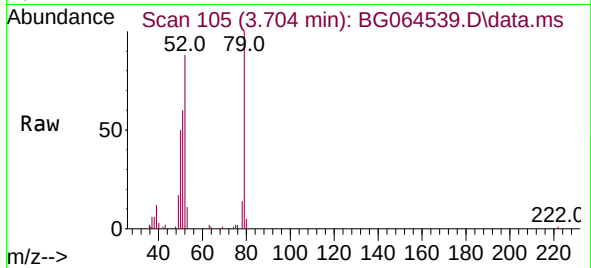
Tgt Ion: 88 Resp: 11152
 Ion Ratio Lower Upper
 88 100
 58 84.4 69.8 104.6
 43 66.9 37.4 56.0#





#3
Pyridine
Concen: 32.562 ng
RT: 3.704 min Scan# 10
Delta R.T. -0.010 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

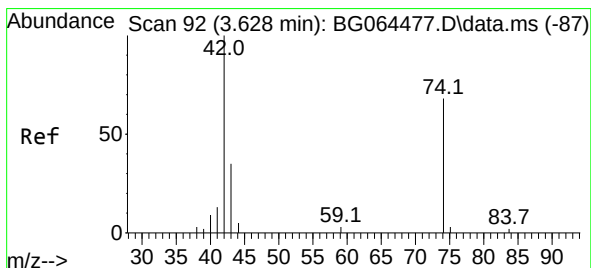
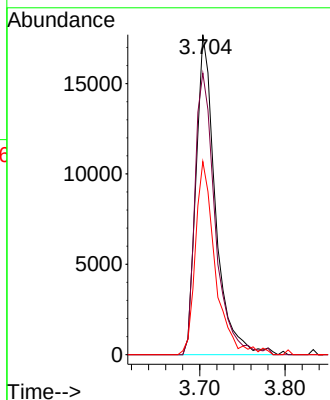
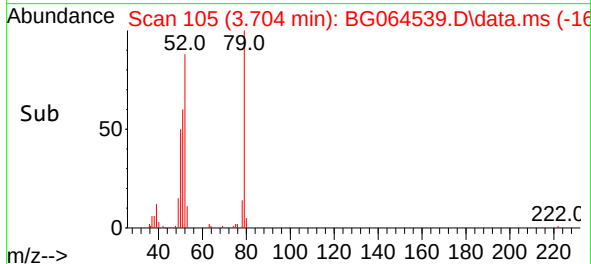
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion: 79 Resp: 27968
Ion Ratio Lower Upper
79 100
52 88.0 71.0 106.4
51 60.3 51.0 76.6

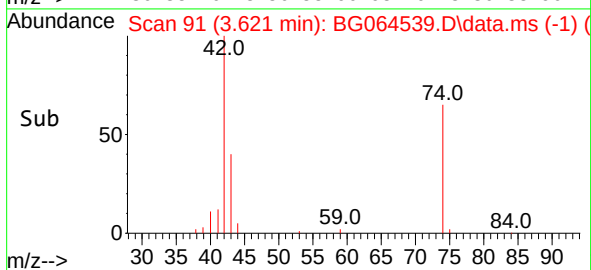
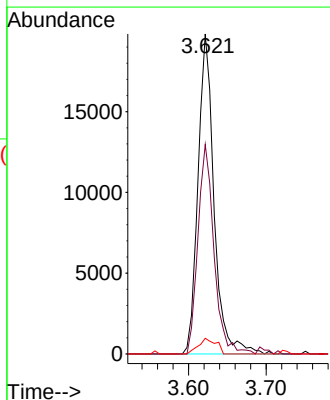
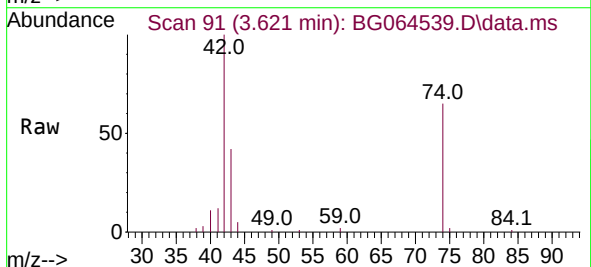
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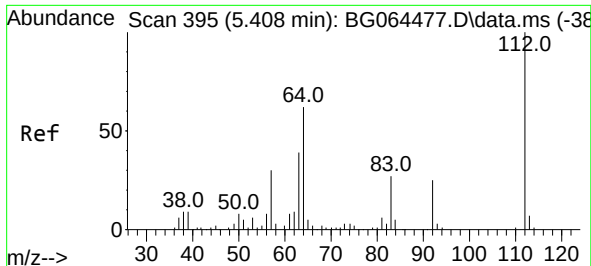
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#4
n-Nitrosodimethylamine
Concen: 45.664 ng
RT: 3.621 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

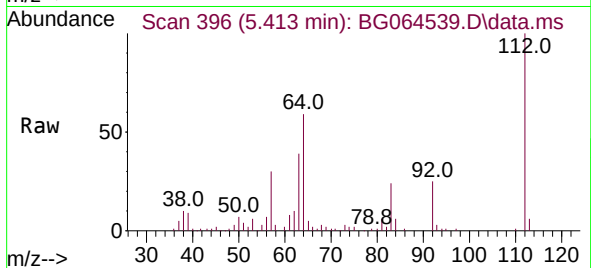
Tgt Ion: 42 Resp: 28433
Ion Ratio Lower Upper
42 100
74 65.4 54.2 81.4
44 4.9 4.2 6.2





#5
2-Fluorophenol
Concen: 80.717 ng
RT: 5.413 min Scan# 395
Delta R.T. 0.008 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

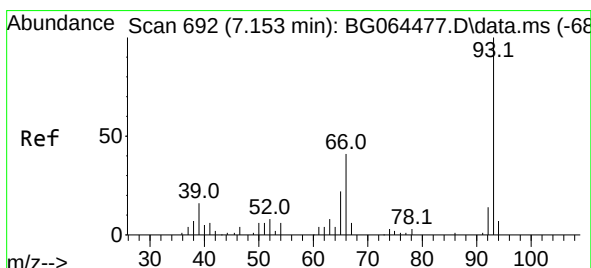
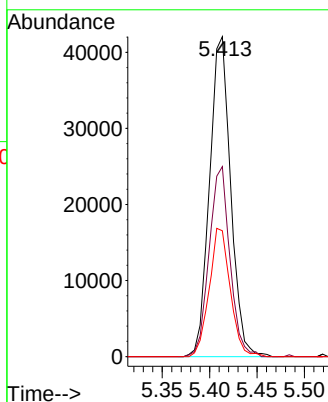
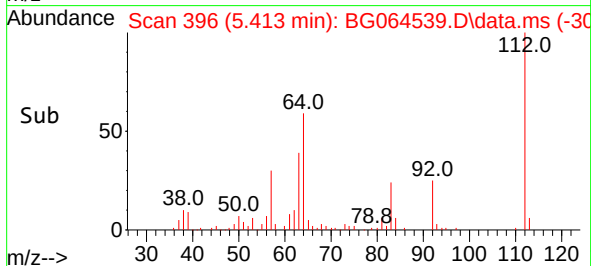
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:112 Resp: 65217
Ion Ratio Lower Upper
112 100
64 59.4 49.8 74.8
63 39.3 31.3 46.9

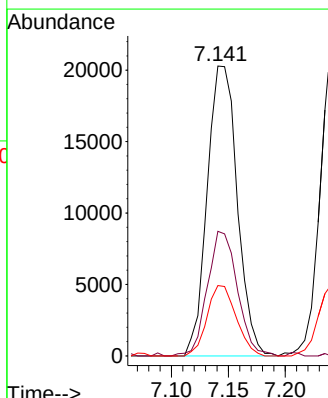
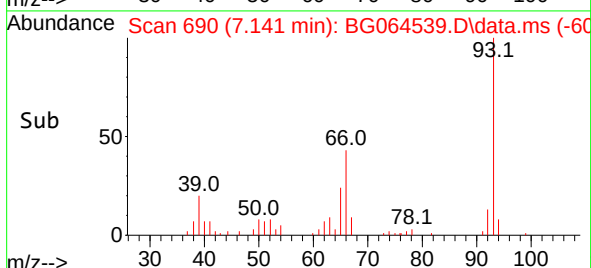
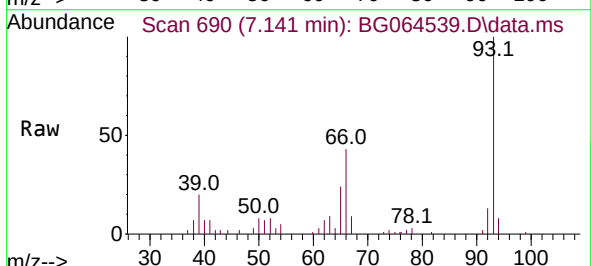
Manual Integrations
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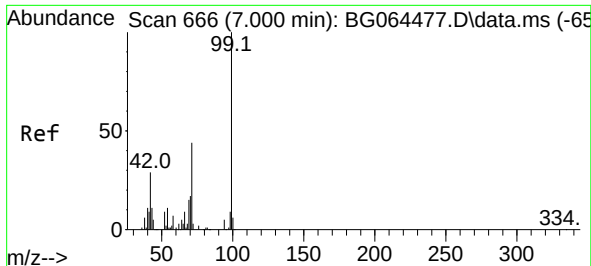
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#6
Aniline
Concen: 27.269 ng
RT: 7.141 min Scan# 690
Delta R.T. -0.004 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

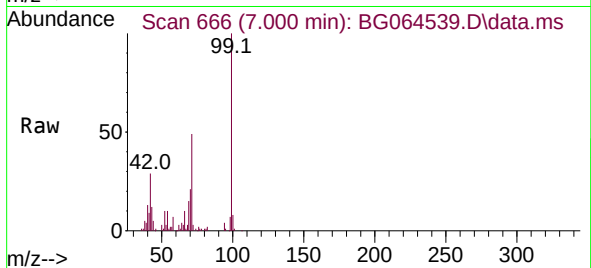
Tgt Ion: 93 Resp: 37348
Ion Ratio Lower Upper
93 100
66 43.0 33.0 49.4
65 24.3 17.5 26.3





#7
Phenol-d6
Concen: 76.668 ng
RT: 7.000 min Scan# 60
Delta R.T. 0.014 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

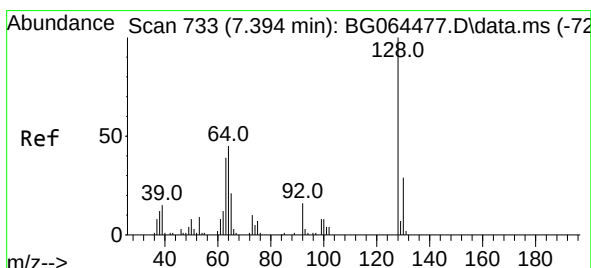
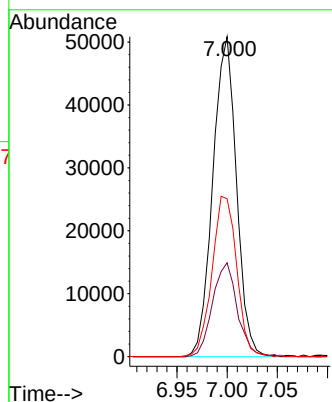
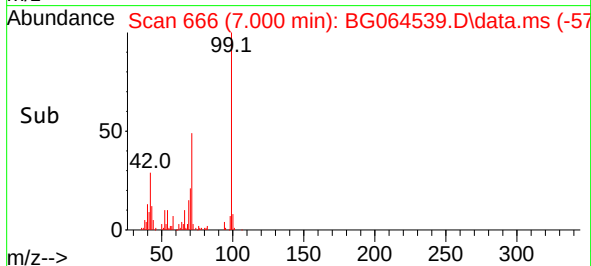
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion: 99 Resp: 83245
Ion Ratio Lower Upper
99 100
42 29.3 22.9 34.3
71 49.3 35.4 53.2

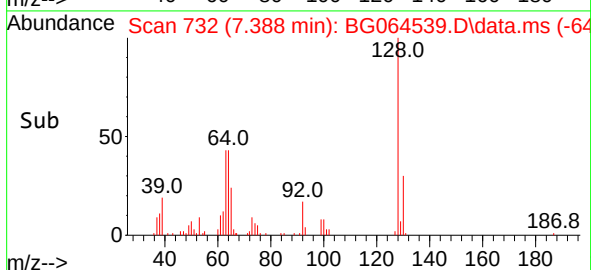
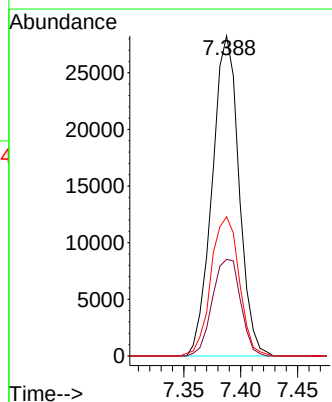
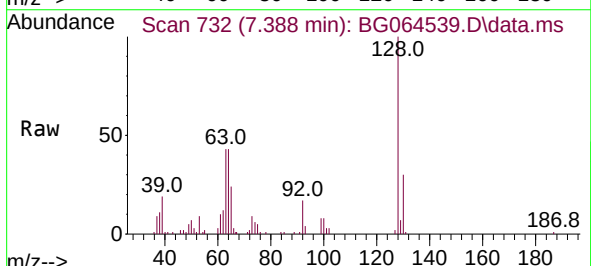
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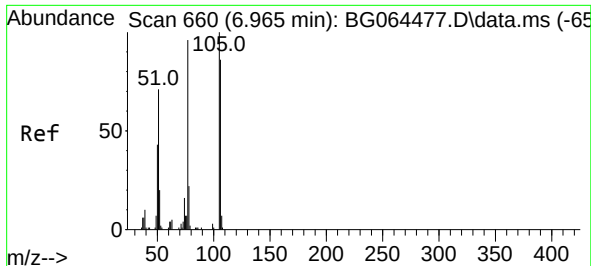
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#8
2-Chlorophenol
Concen: 46.647 ng
RT: 7.388 min Scan# 732
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

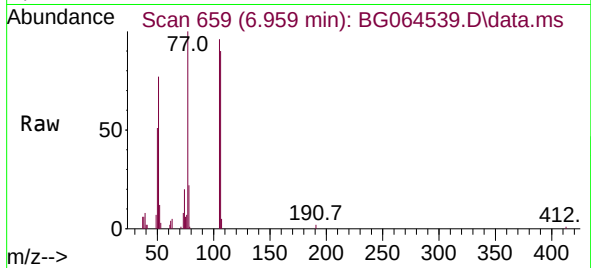
Tgt Ion:128 Resp: 46281
Ion Ratio Lower Upper
128 100
130 30.2 9.2 49.2
64 43.5 25.5 65.5





#9
Benzaldehyde
Concen: 20.349 ng
RT: 6.959 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

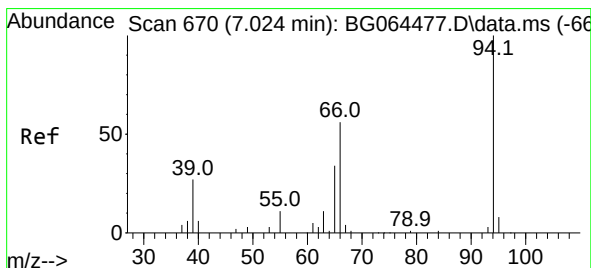
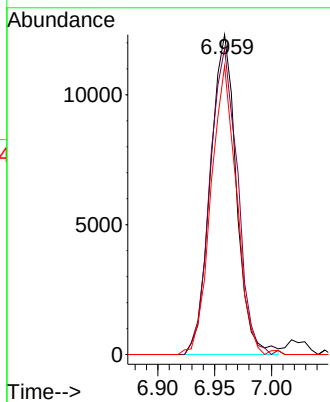
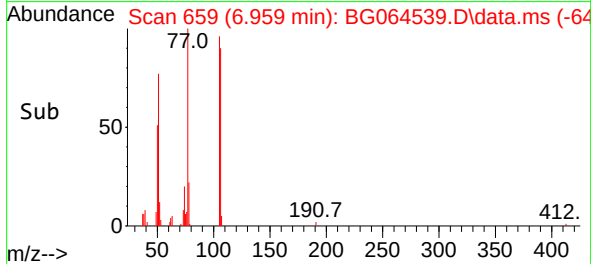
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion: 77 Resp: 19613
Ion Ratio Lower Upper
77 100
105 95.7 83.7 123.7
106 90.3 69.4 109.4

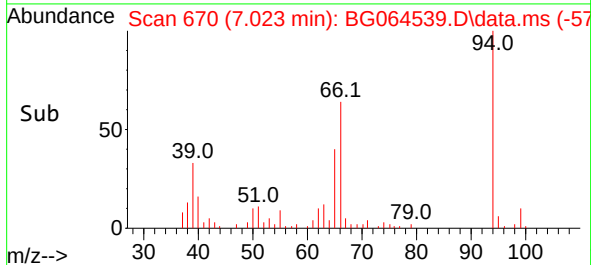
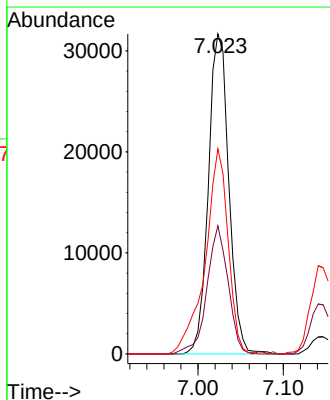
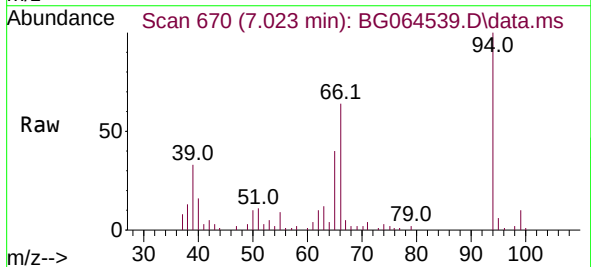
Manual Integrations
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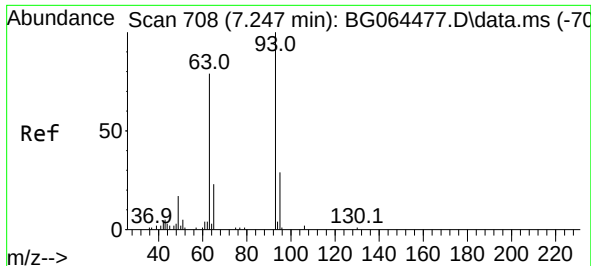
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#10
Phenol
Concen: 46.036 ng
RT: 7.023 min Scan# 670
Delta R.T. 0.008 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

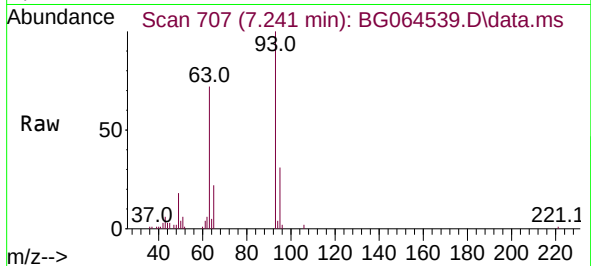
Tgt Ion: 94 Resp: 52730
Ion Ratio Lower Upper
94 100
65 40.0 14.8 54.8
66 64.1 41.4 81.4





#11
bis(2-Chloroethyl)ether
Concen: 43.806 ng
RT: 7.241 min Scan# 708
Delta R.T. -0.004 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

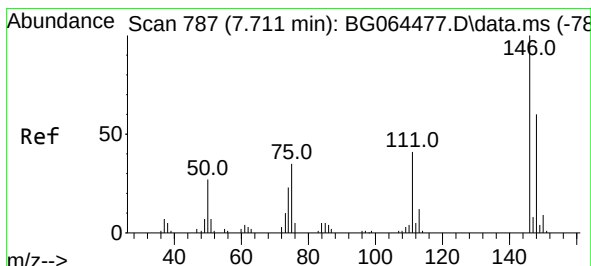
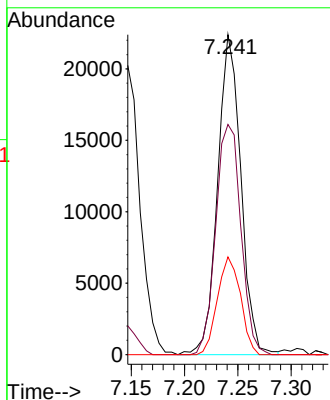
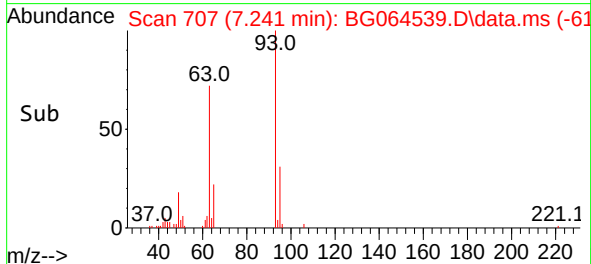
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion: 93 Resp: 33980
Ion Ratio Lower Upper
93 100
63 71.9 59.5 99.5
95 30.5 8.8 48.8

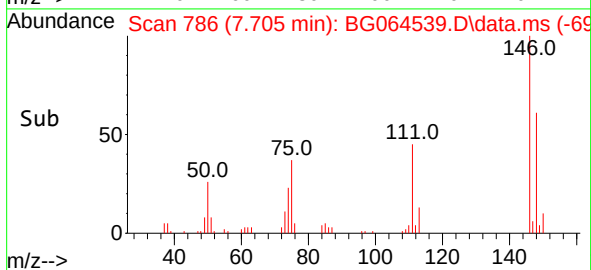
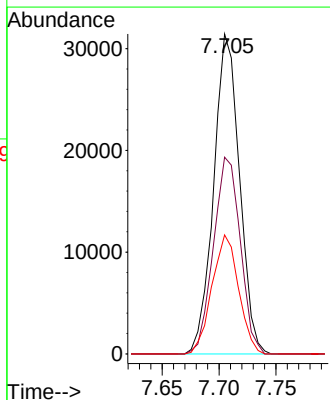
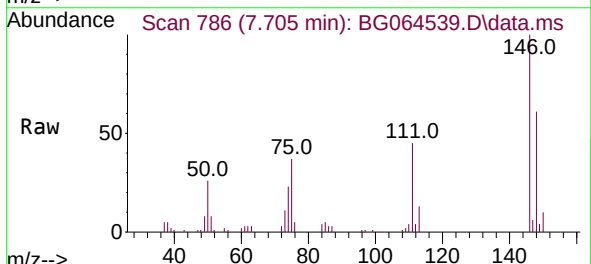
Manual Integrations
APPROVED

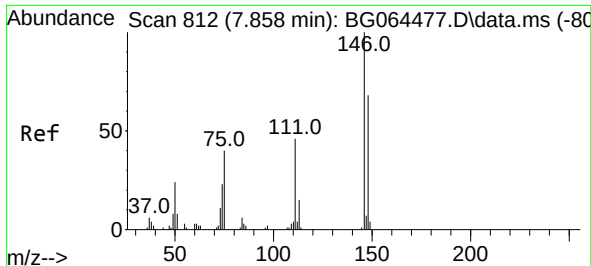
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#12
1,3-Dichlorobenzene
Concen: 45.746 ng
RT: 7.705 min Scan# 786
Delta R.T. -0.004 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

Tgt Ion:146 Resp: 49650
Ion Ratio Lower Upper
146 100
148 61.5 48.4 72.6
75 37.2 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 47.101 ng

RT: 7.852 min Scan# 811

Delta R.T. -0.004 min

Lab File: BG064539.D

Acq: 17 Oct 2025 17:10

Instrument :

BNA_G

ClientSampleId :

COMP01-20251015MS

Tgt Ion:146 Resp: 51306

Ion Ratio Lower Upper

146 100

148 66.6 54.4 81.6

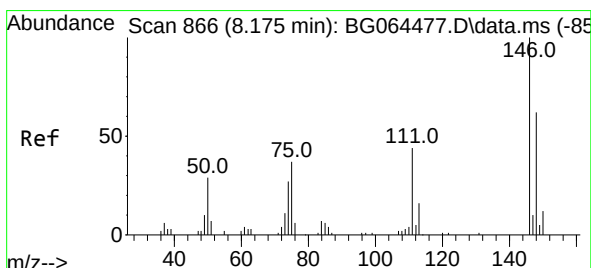
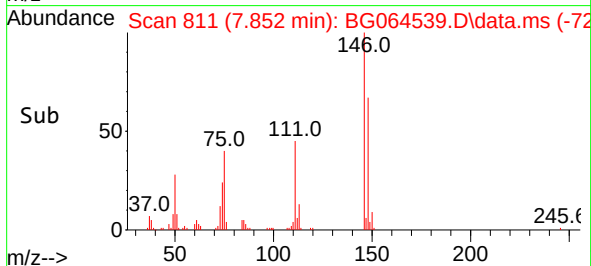
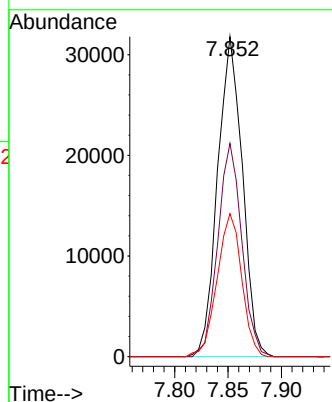
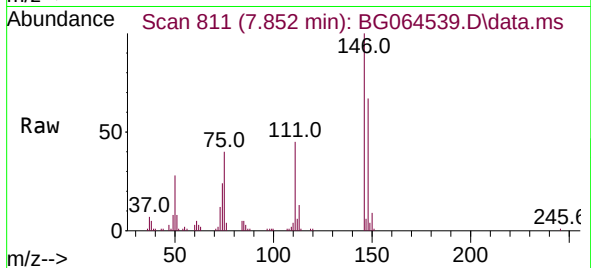
111 44.7 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#14

1,2-Dichlorobenzene

Concen: 46.493 ng

RT: 8.169 min Scan# 865

Delta R.T. -0.004 min

Lab File: BG064539.D

Acq: 17 Oct 2025 17:10

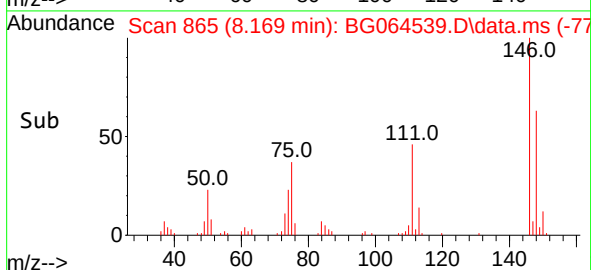
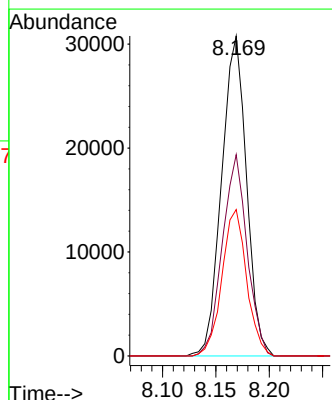
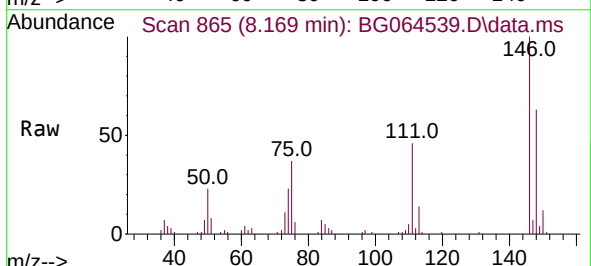
Tgt Ion:146 Resp: 49913

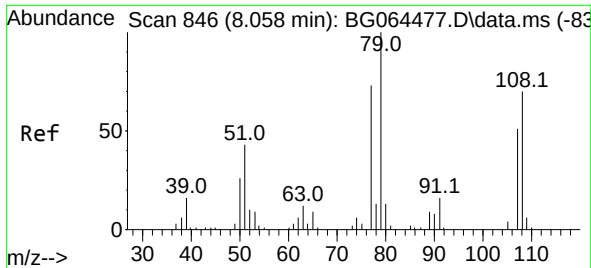
Ion Ratio Lower Upper

146 100

148 62.9 50.0 75.0

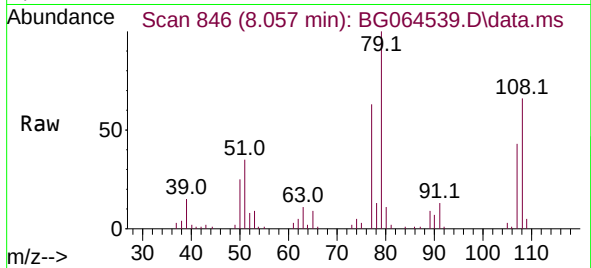
111 45.7 35.0 52.4





#15
Benzyl Alcohol
Concen: 44.851 ng
RT: 8.057 min Scan# 846
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

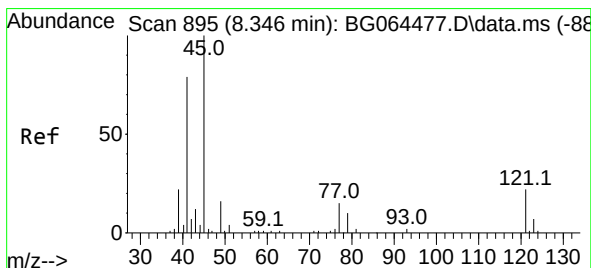
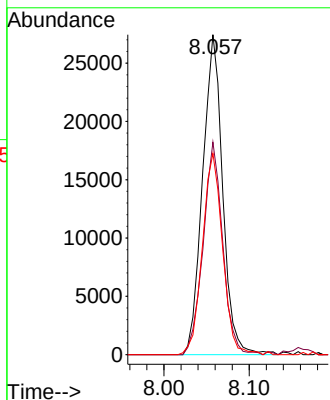
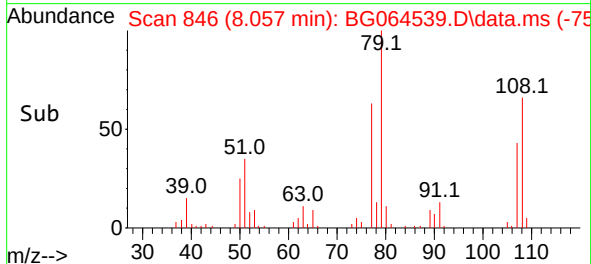
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion: 79 Resp: 44848
Ion Ratio Lower Upper
79 100
108 66.4 56.4 84.6
77 62.9 58.3 87.5

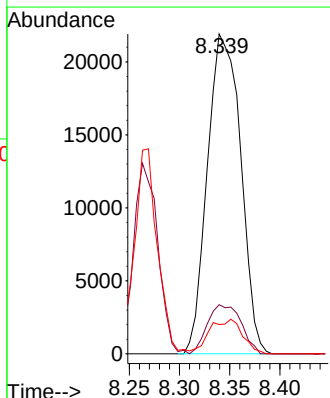
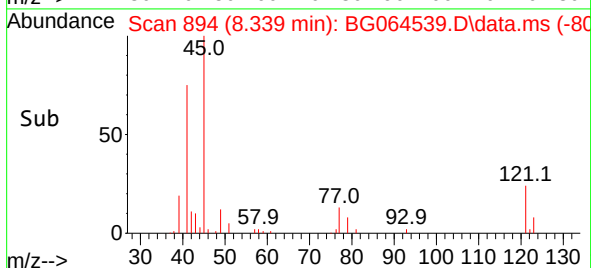
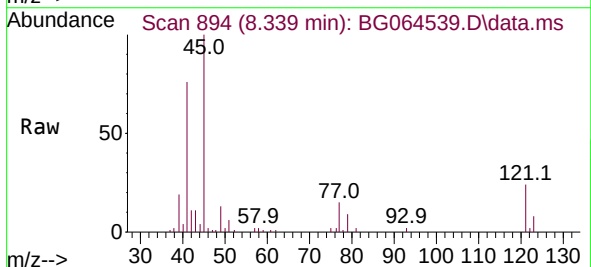
Manual Integrations
APPROVED

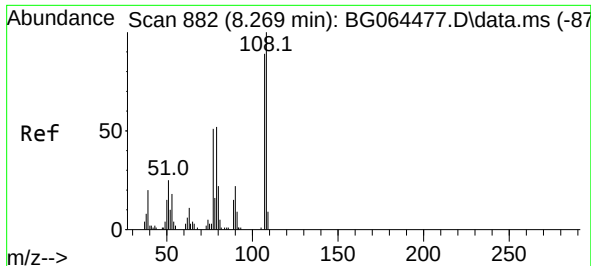
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.440 ng
RT: 8.339 min Scan# 894
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

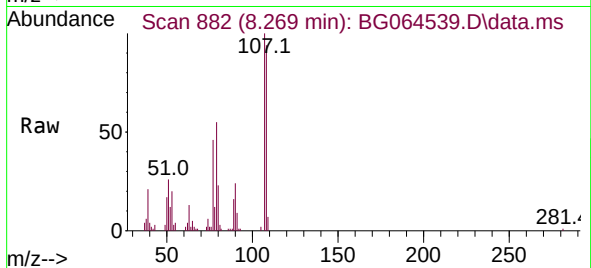
Tgt Ion: 45 Resp: 50564
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.6
79 9.2 0.0 30.7





#17
2-Methylphenol
Concen: 46.478 ng
RT: 8.269 min Scan# 882
Delta R.T. 0.008 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

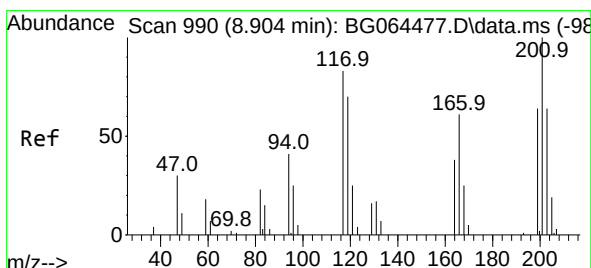
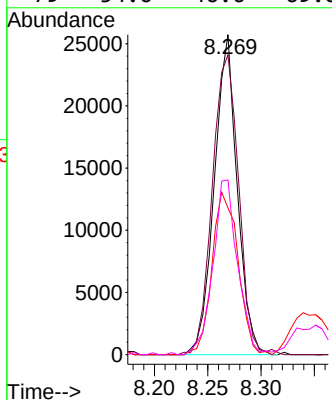
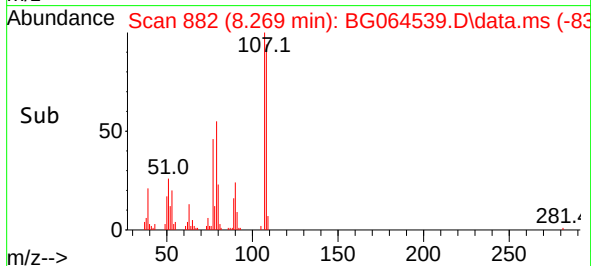
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:107 Resp: 38549
Ion Ratio Lower Upper
107 100
108 93.7 90.3 135.5
77 45.8 46.0 69.0
79 54.6 46.6 69.8

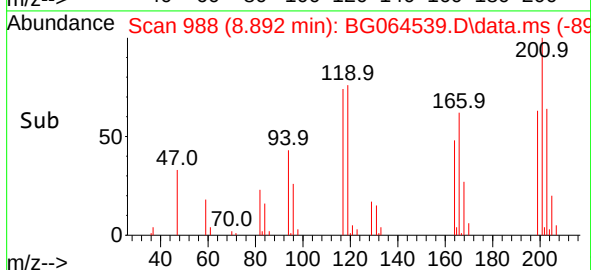
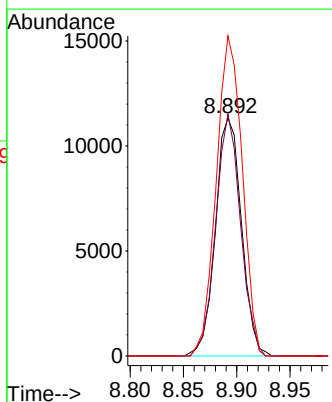
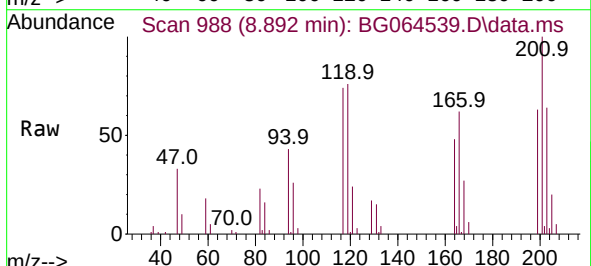
Manual Integrations
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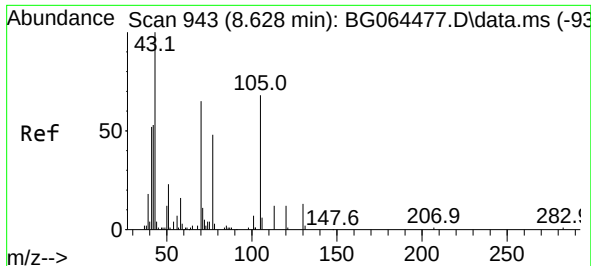
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#18
Hexachloroethane
Concen: 44.791 ng
RT: 8.892 min Scan# 988
Delta R.T. -0.004 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

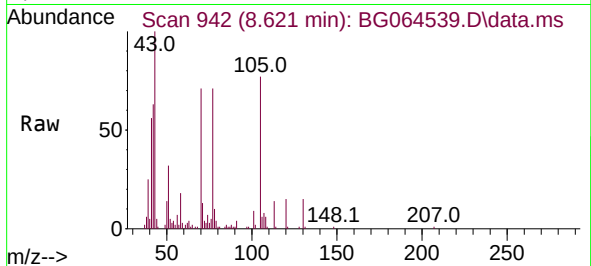
Tgt Ion:117 Resp: 19258
Ion Ratio Lower Upper
117 100
119 101.6 67.4 101.0#
201 134.5 95.9 143.9





#19
n-Nitroso-di-n-propylamine
Concen: 42.324 ng
RT: 8.621 min Scan# 943
Delta R.T. 0.008 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

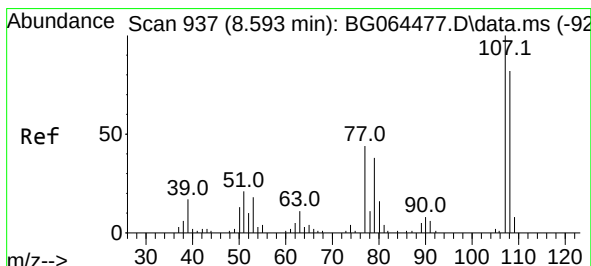
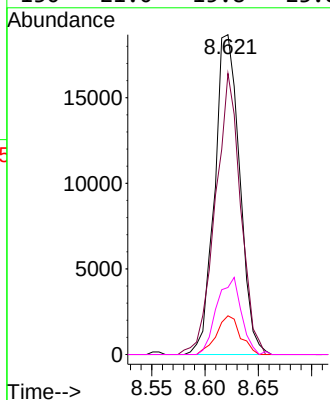
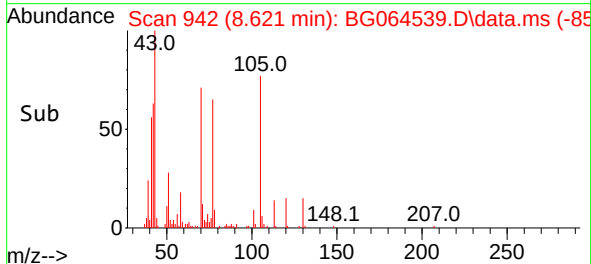
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion: 70 Resp: 30734
Ion Ratio Lower Upper
70 100
42 87.9 64.9 97.3
101 12.1 8.7 13.1
130 21.0 15.8 23.8

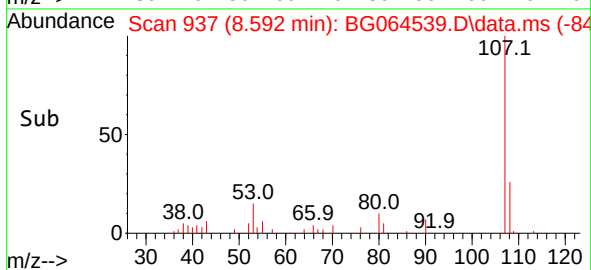
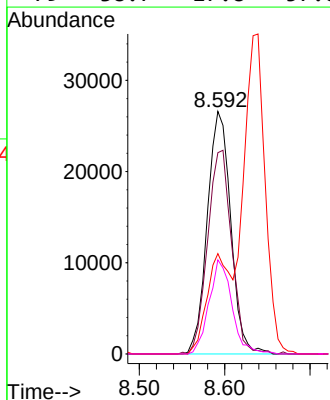
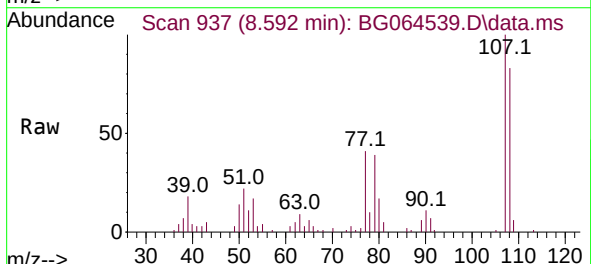
Manual Integrations
APPROVED

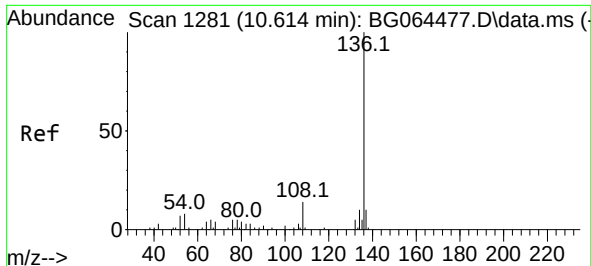
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#20
3+4-Methylphenols
Concen: 43.875 ng
RT: 8.592 min Scan# 937
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

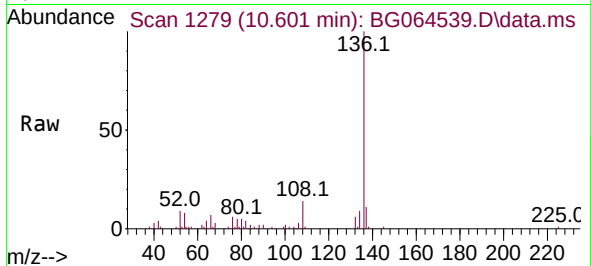
Tgt Ion:107 Resp: 50781
Ion Ratio Lower Upper
107 100
108 83.0 62.1 102.1
77 41.3 23.5 63.5
79 38.7 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.601 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

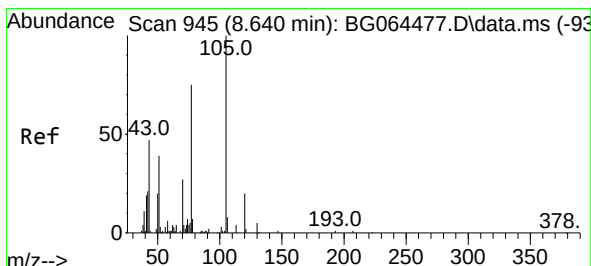
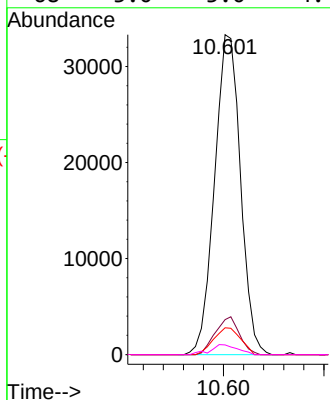
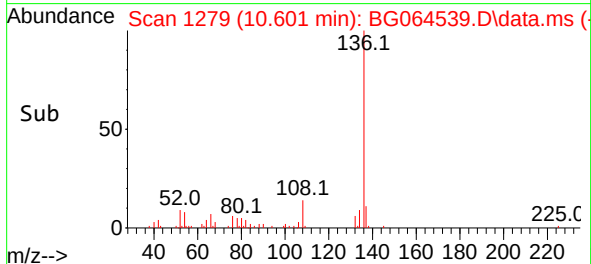
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:136 Resp: 5978
Ion Ratio Lower Upper
136 100
137 10.9 8.3 12.5
54 8.9 6.2 9.4
68 3.0 3.0 4.4

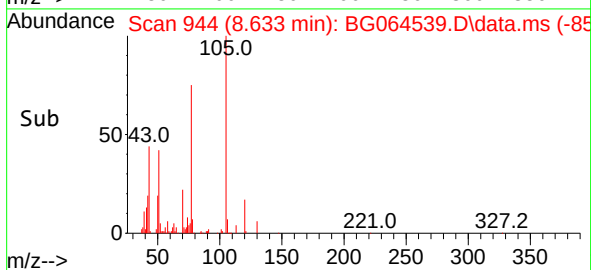
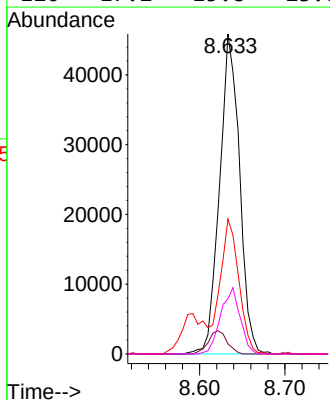
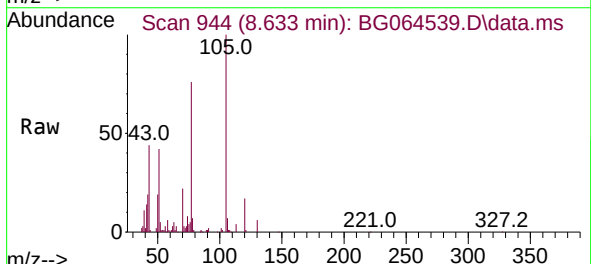
Manual Integrations
APPROVED

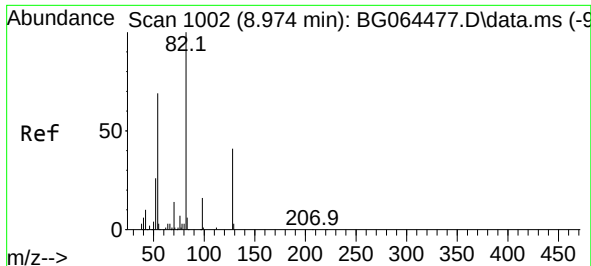
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#22
Acetophenone
Concen: 51.557 ng
RT: 8.633 min Scan# 944
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

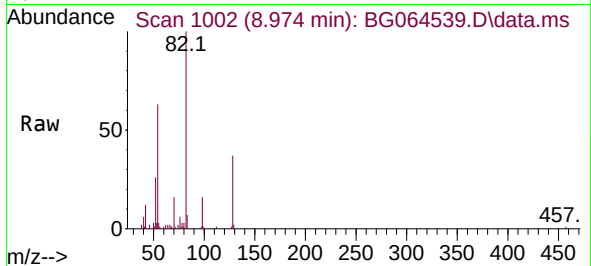
Tgt Ion:105 Resp: 74626
Ion Ratio Lower Upper
105 100
71 3.1 2.8 4.2
51 42.1 33.0 49.4
120 17.2 15.8 23.6





#23
Nitrobenzene-d5
Concen: 50.487 ng
RT: 8.974 min Scan# 1002
Delta R.T. 0.008 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

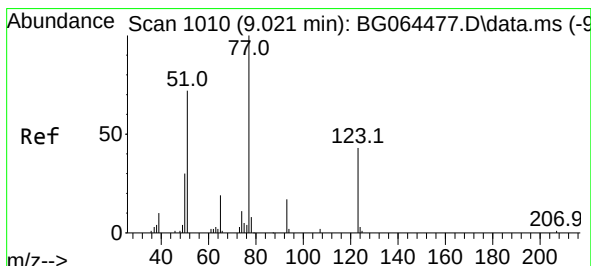
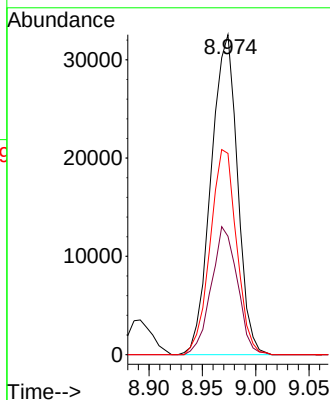
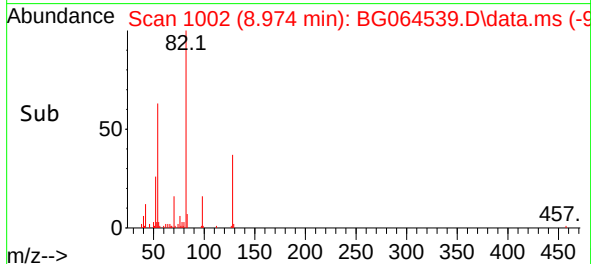
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion: 82 Resp: 5613
Ion Ratio Lower Upper
82 100
128 37.0 33.1 49.7
54 62.9 55.4 83.2

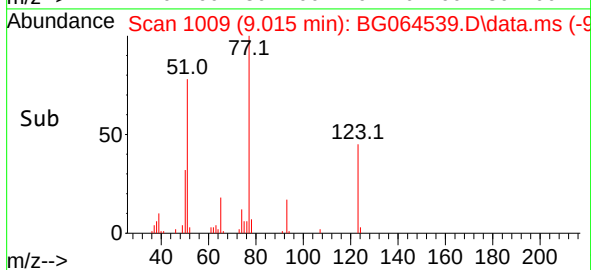
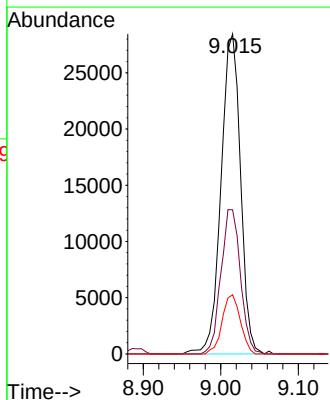
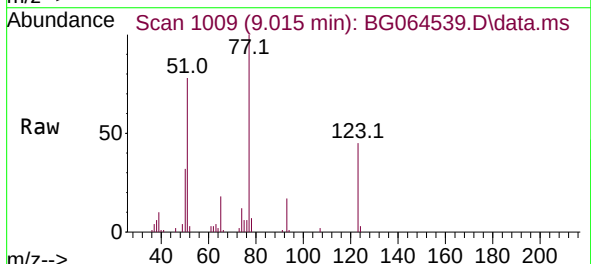
Manual Integrations
APPROVED

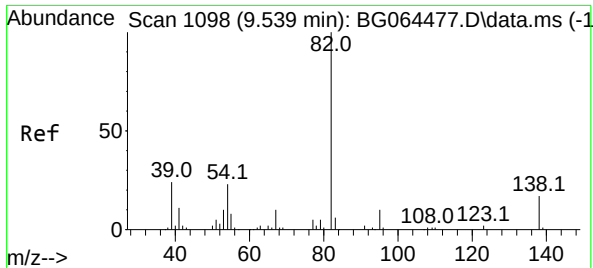
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#24
Nitrobenzene
Concen: 44.854 ng
RT: 9.015 min Scan# 1009
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

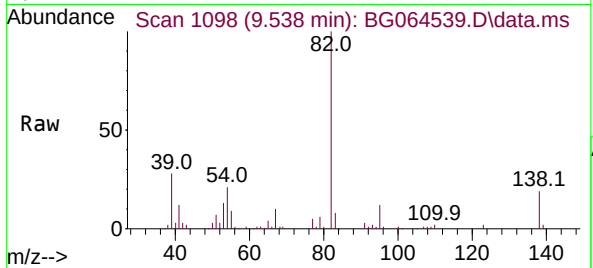
Tgt Ion: 77 Resp: 49729
Ion Ratio Lower Upper
77 100
123 45.0 34.4 51.6
65 18.5 14.8 22.2





#25
Isophorone
Concen: 42.720 ng
RT: 9.538 min Scan# 1098
Delta R.T. 0.008 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

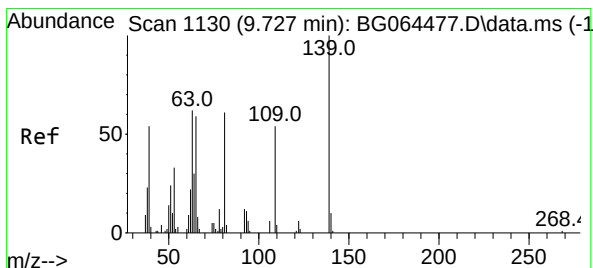
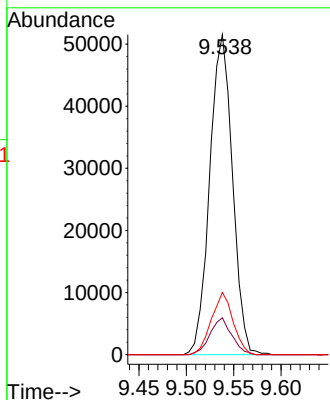
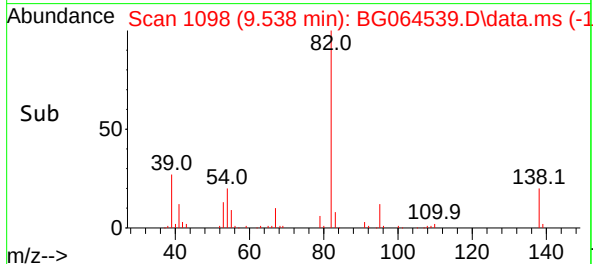
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



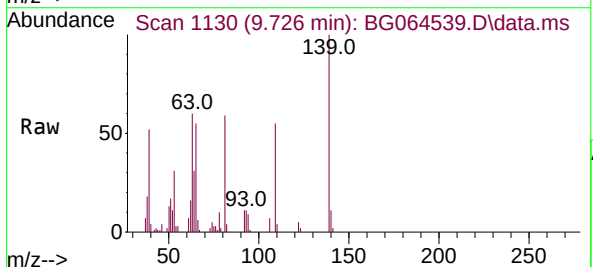
Tgt Ion: 82 Resp: 86042
Ion Ratio Lower Upper
82 100
95 11.5 7.8 11.8
138 19.4 13.8 20.6

Manual Integrations
APPROVED

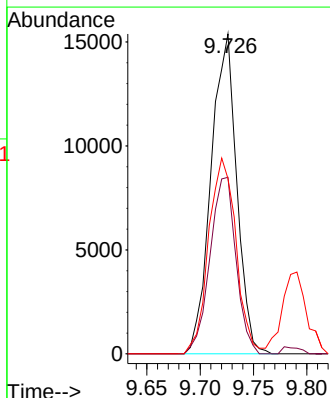
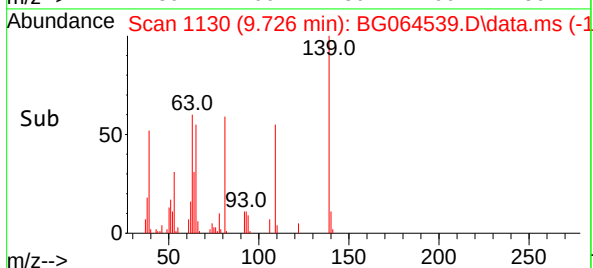
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

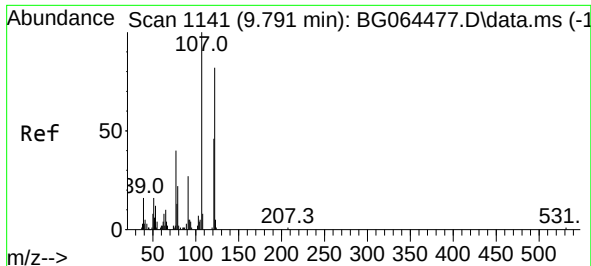


#26
2-Nitrophenol
Concen: 46.765 ng
RT: 9.726 min Scan# 1130
Delta R.T. 0.008 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10



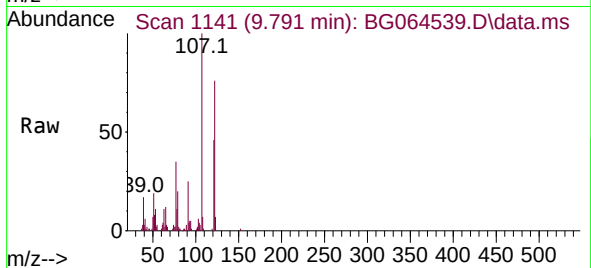
Tgt Ion:139 Resp: 25805
Ion Ratio Lower Upper
139 100
109 55.2 43.0 64.6
65 54.8 47.4 71.2





#27
2,4-Dimethylphenol
Concen: 50.354 ng
RT: 9.791 min Scan# 1141
Delta R.T. 0.008 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

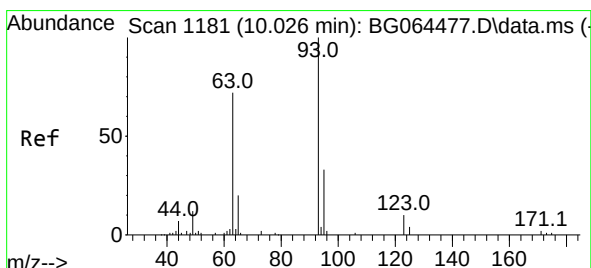
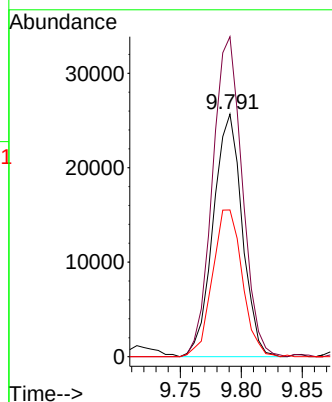
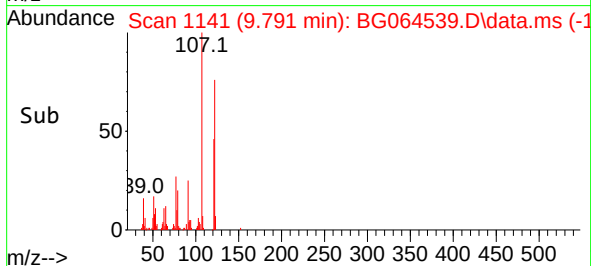
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:122 Resp: 42438
Ion Ratio Lower Upper
122 100
107 132.0 98.3 147.5
121 60.4 44.7 67.1

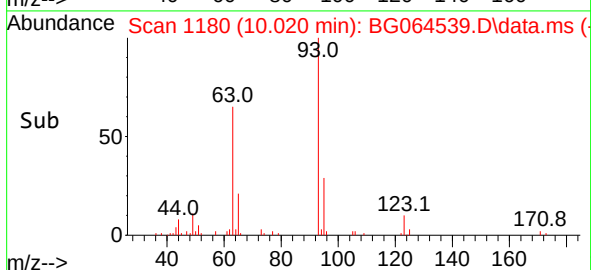
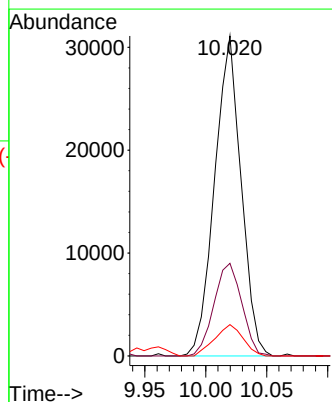
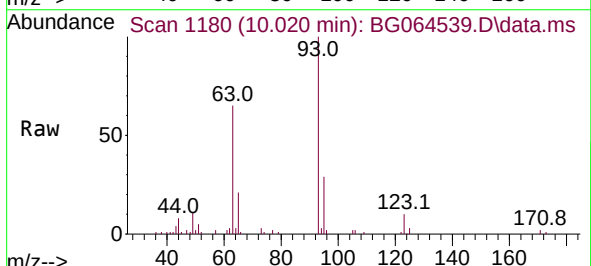
Manual Integrations
APPROVED

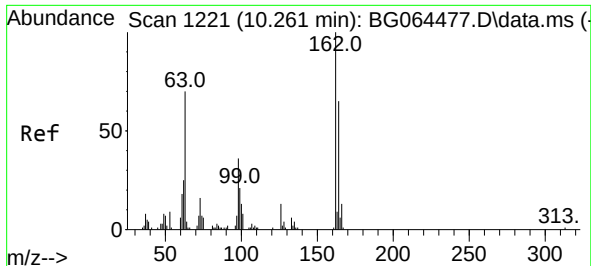
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.672 ng
RT: 10.020 min Scan# 1180
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

Tgt Ion: 93 Resp: 46890
Ion Ratio Lower Upper
93 100
95 28.9 26.5 39.7
123 9.8 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 48.061 ng

RT: 10.261 min Scan# 1221

Delta R.T. 0.002 min

Lab File: BG064539.D

Acq: 17 Oct 2025 17:10

Instrument :

BNA_G

ClientSampleId :

COMP01-20251015MS

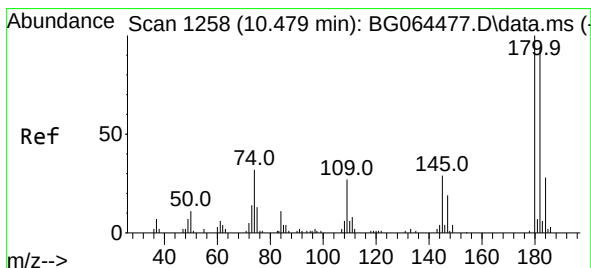
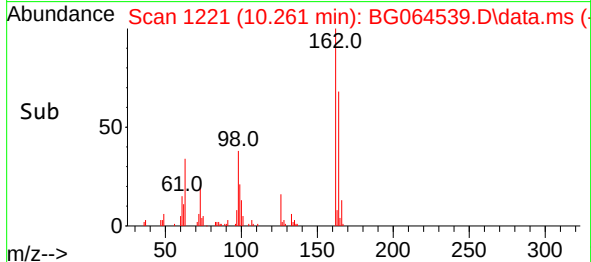
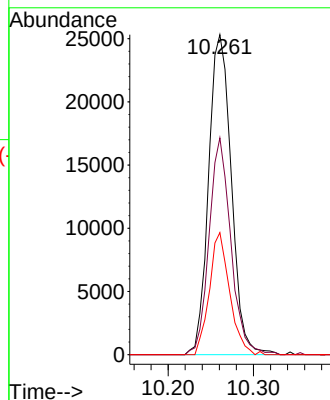
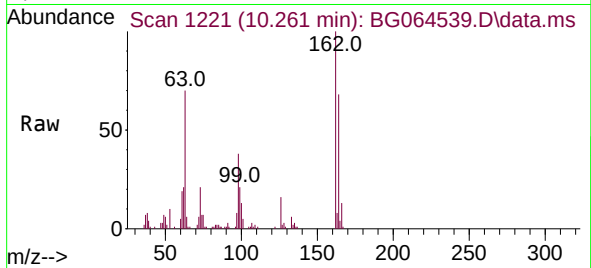
Tgt Ion:162	Resp:	46840
Ion Ratio	Lower	Upper
162	100	
164	67.7	45.4 85.4
98	38.1	16.4 56.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#30

1,2,4-Trichlorobenzene

Concen: 51.629 ng

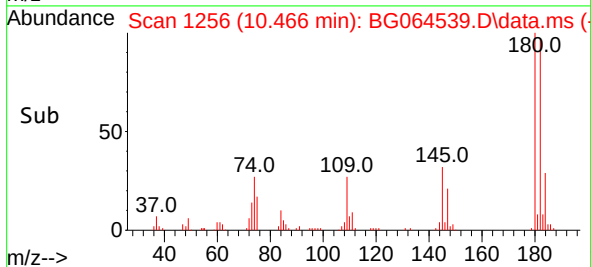
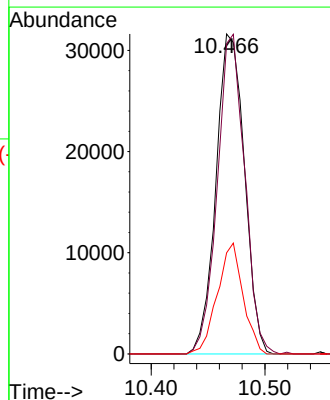
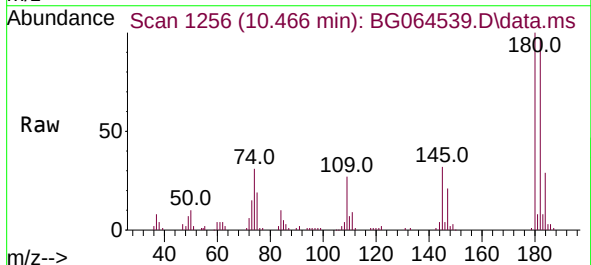
RT: 10.466 min Scan# 1256

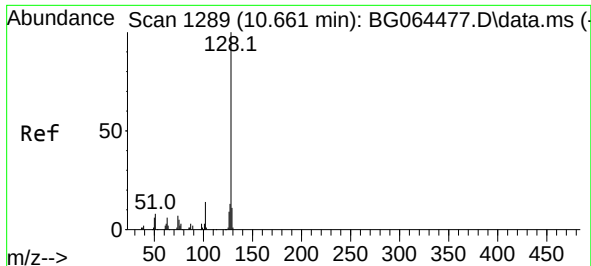
Delta R.T. -0.004 min

Lab File: BG064539.D

Acq: 17 Oct 2025 17:10

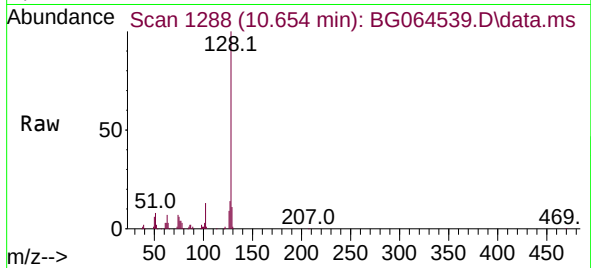
Tgt Ion:180	Resp:	54864
Ion Ratio	Lower	Upper
180	100	
182	96.9	75.4 113.2
145	31.6	23.2 34.8





#31
Naphthalene
Concen: 47.666 ng
RT: 10.654 min Scan# 1170
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

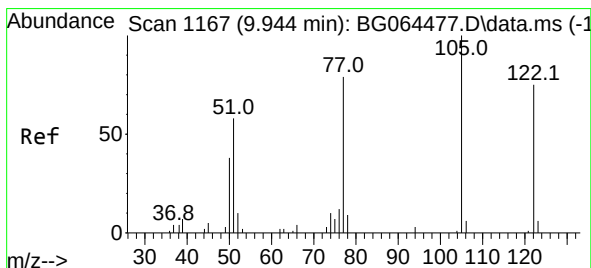
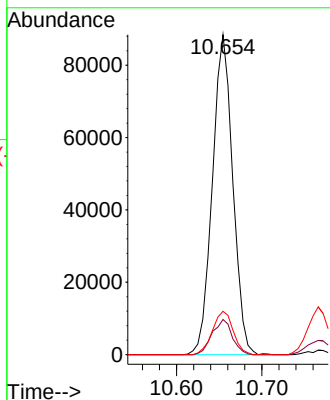
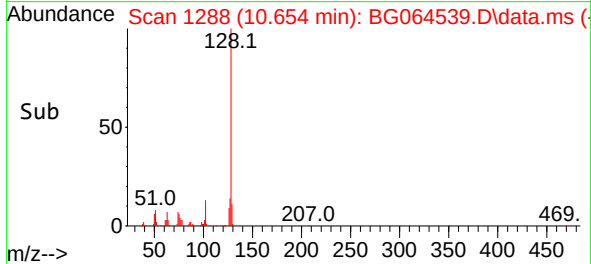
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:128 Resp: 146735
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.5 10.2 15.2

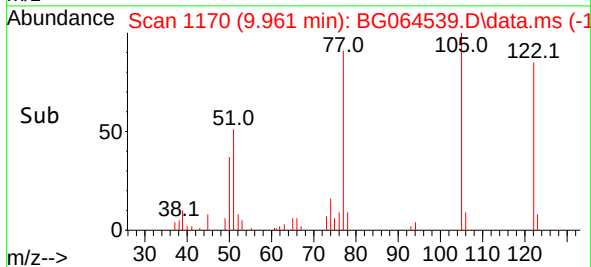
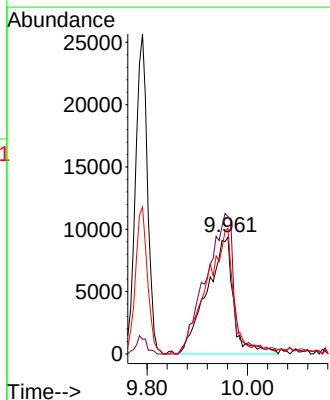
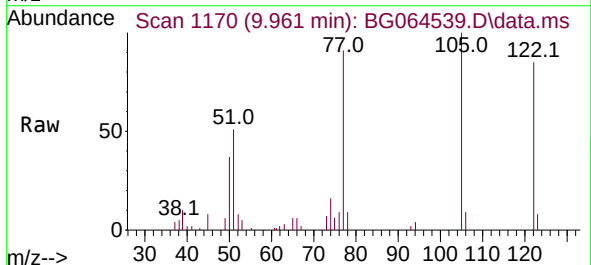
Manual Integrations
APPROVED

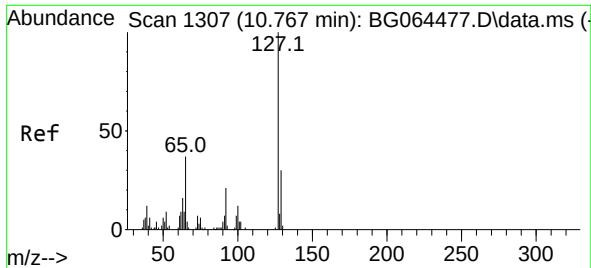
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#32
Benzoic acid
Concen: 53.747 ng
RT: 9.961 min Scan# 1170
Delta R.T. 0.072 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

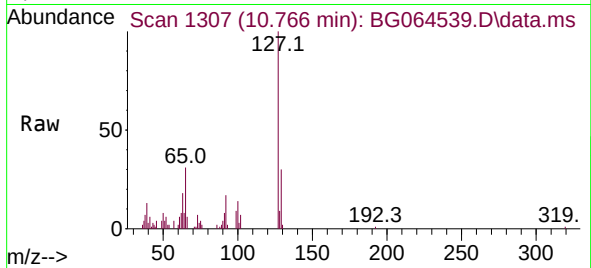
Tgt Ion:122 Resp: 34778
Ion Ratio Lower Upper
122 100
105 117.6 113.9 153.9
77 107.5 86.1 126.1





#33
4-Chloroaniline
Concen: 20.381 ng
RT: 10.766 min Scan# 1307
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

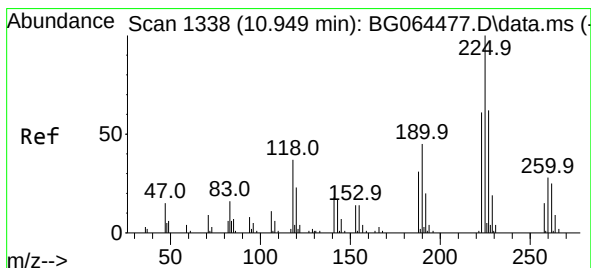
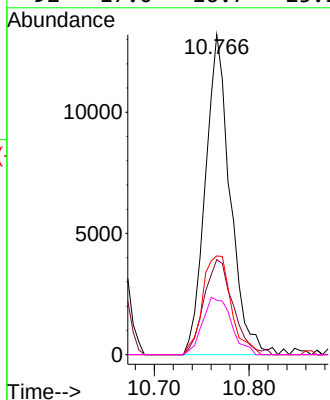
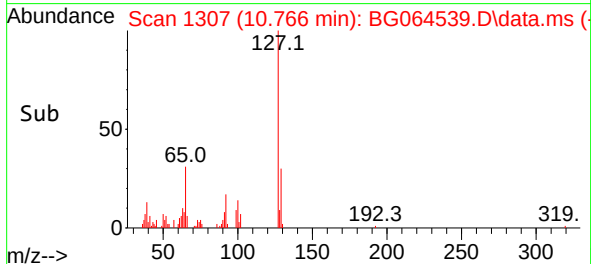
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:	127	Resp:	24076
Ion Ratio	Lower	Upper	
127	100		
129	29.7	24.2	36.4
65	30.8	29.6	44.4
92	17.0	16.7	25.1

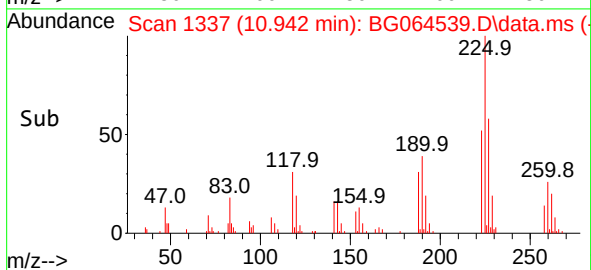
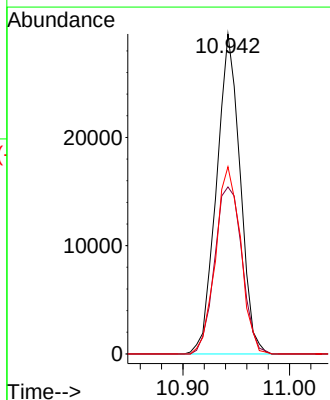
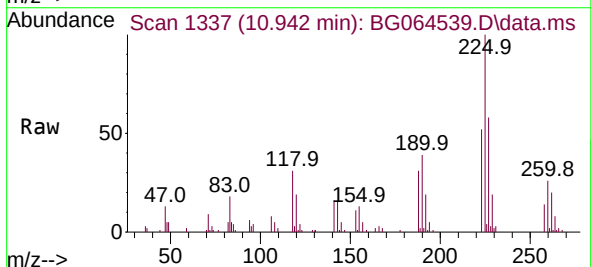
Manual Integrations
APPROVED

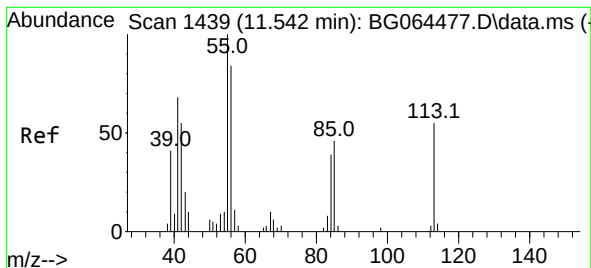
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#34
Hexachlorobutadiene
Concen: 50.035 ng
RT: 10.942 min Scan# 1337
Delta R.T. -0.004 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

Tgt Ion:	225	Resp:	45535
Ion Ratio	Lower	Upper	
225	100		
223	52.2	49.0	73.6
227	58.5	49.9	74.9





#35

Caprolactam

Concen: 40.678 ng m

RT: 11.547 min Scan# 14

Delta R.T. 0.037 min

Lab File: BG064539.D

Acq: 17 Oct 2025 17:10

Instrument :

BNA_G

ClientSampleId :

COMP01-20251015MS

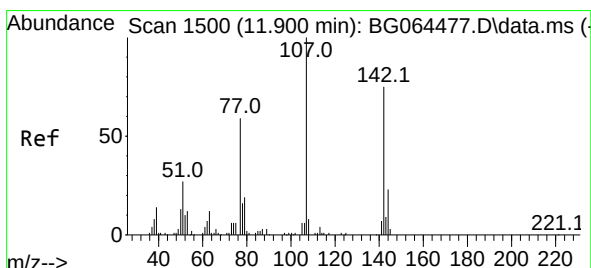
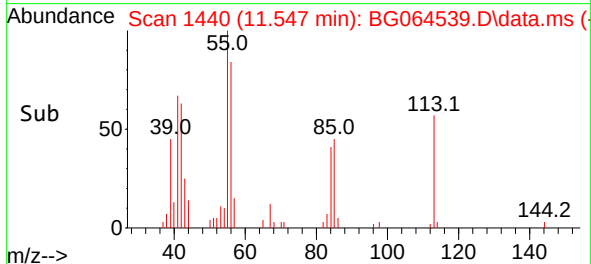
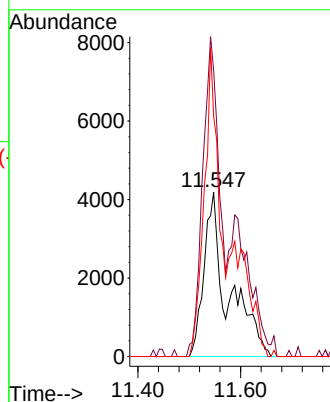
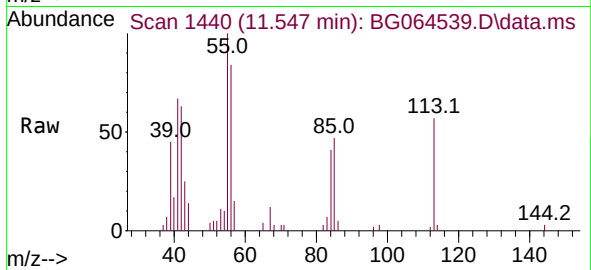
Tgt Ion:113 Resp: 13572
 Ion Ratio Lower Upper
 113 100
 55 174.1 162.0 202.0
 56 146.2 134.6 174.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#36

4-Chloro-3-methylphenol

Concen: 45.779 ng

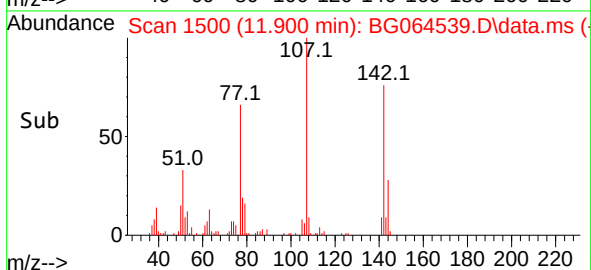
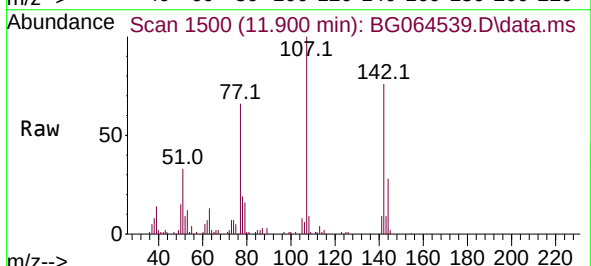
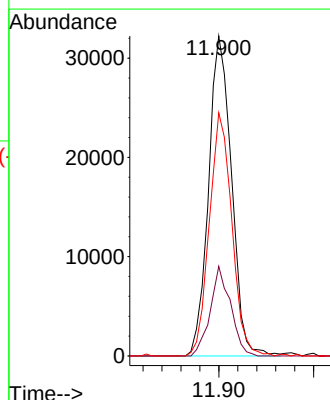
RT: 11.900 min Scan# 1500

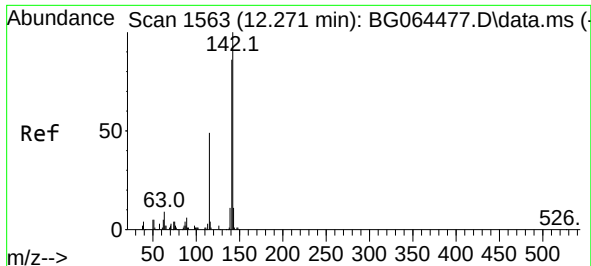
Delta R.T. 0.008 min

Lab File: BG064539.D

Acq: 17 Oct 2025 17:10

Tgt Ion:107 Resp: 54257
 Ion Ratio Lower Upper
 107 100
 144 28.0 18.7 28.1
 142 76.0 60.2 90.2





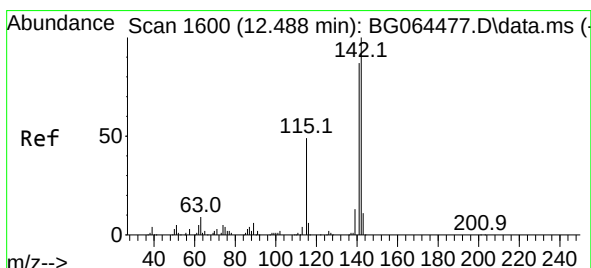
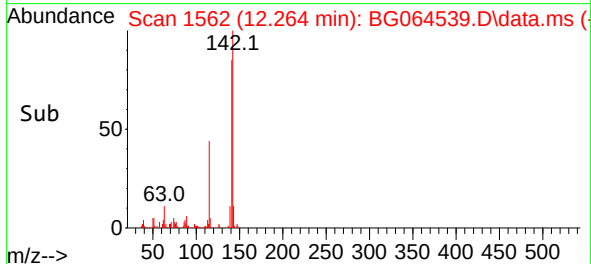
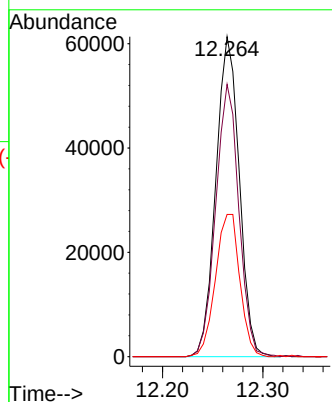
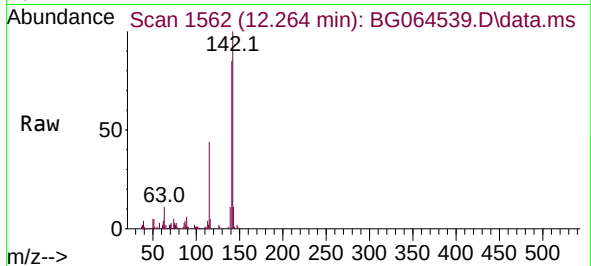
#37
2-Methylnaphthalene
Concen: 42.081 ng
RT: 12.264 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS

Tgt Ion:142 Resp: 99440
Ion Ratio Lower Upper
142 100
141 85.1 68.7 103.1
115 44.4 39.3 58.9

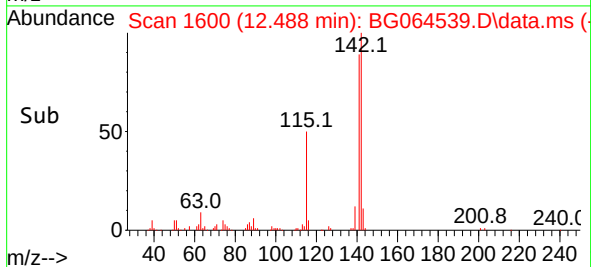
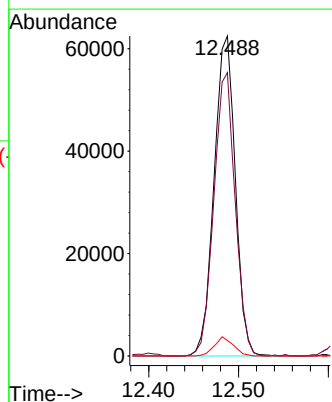
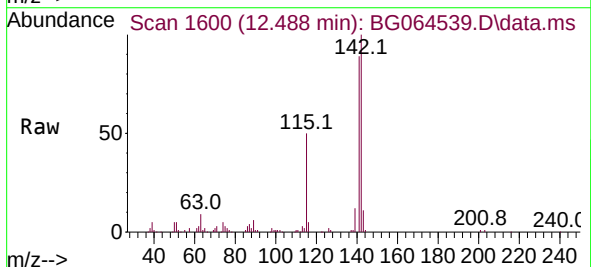
Manual Integrations
APPROVED

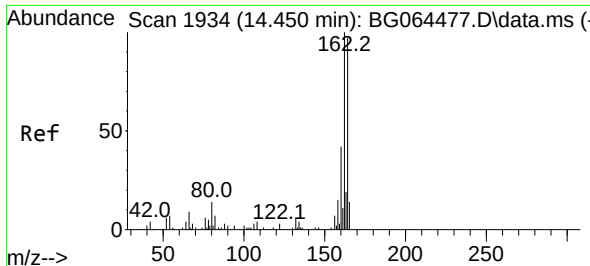
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#38
1-Methylnaphthalene
Concen: 43.608 ng
RT: 12.488 min Scan# 1600
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

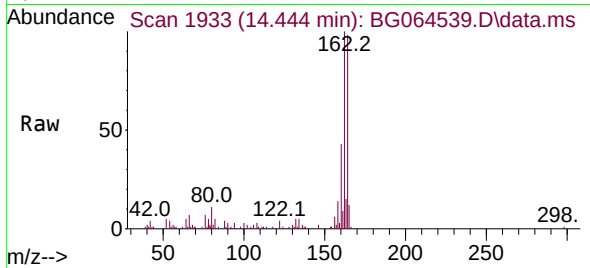
Tgt Ion:142 Resp: 102753
Ion Ratio Lower Upper
142 100
141 88.5 69.8 104.8
116 4.8 4.6 6.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.444 min Scan# 1933
Delta R.T. -0.004 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

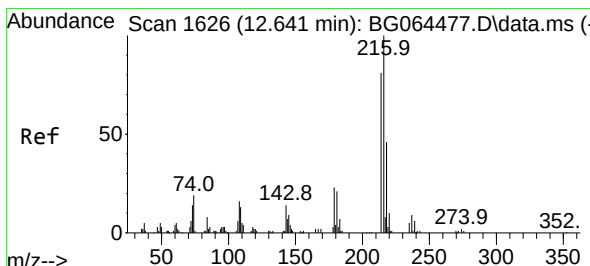
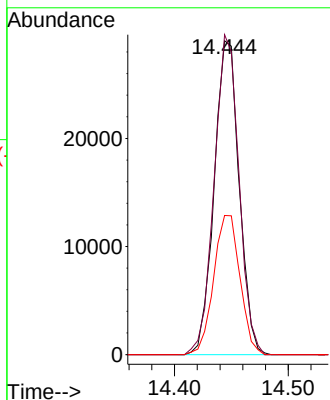
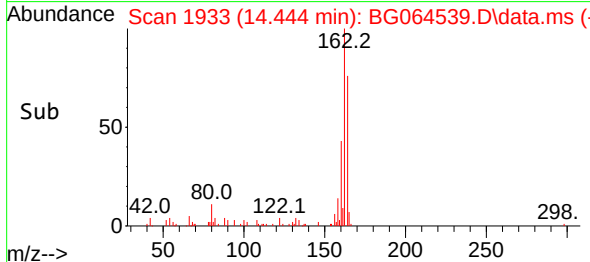
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:164 Resp: 44289
Ion Ratio Lower Upper
164 100
162 102.0 82.2 123.2
160 44.3 34.3 51.5

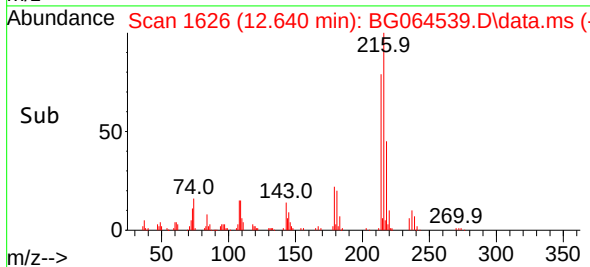
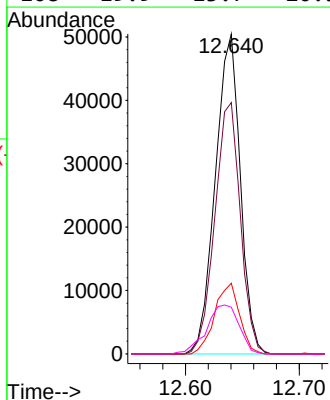
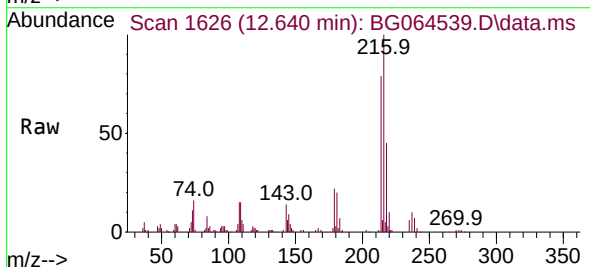
Manual Integrations
APPROVED

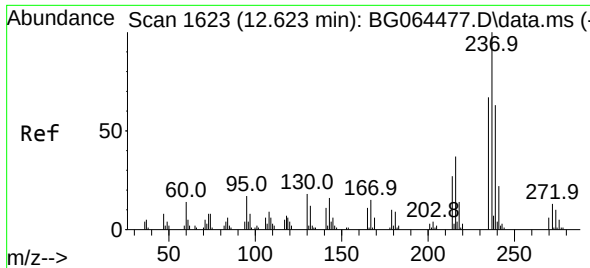
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.858 ng
RT: 12.640 min Scan# 1626
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

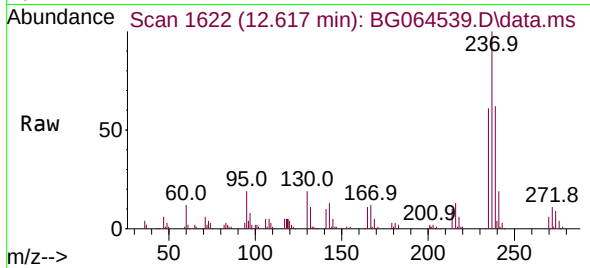
Tgt Ion:216 Resp: 77018
Ion Ratio Lower Upper
216 100
214 80.2 62.5 93.7
179 22.1 17.0 25.6
108 19.9 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 127.452 ng
RT: 12.617 min Scan# 1622
Delta R.T. -0.004 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

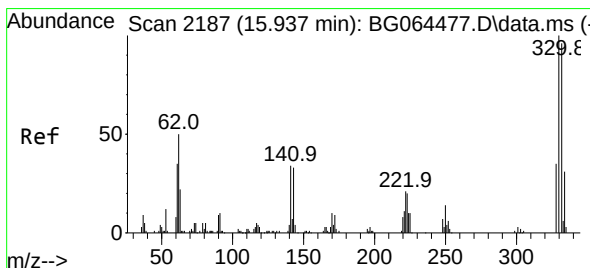
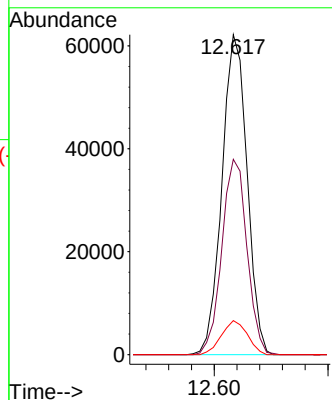
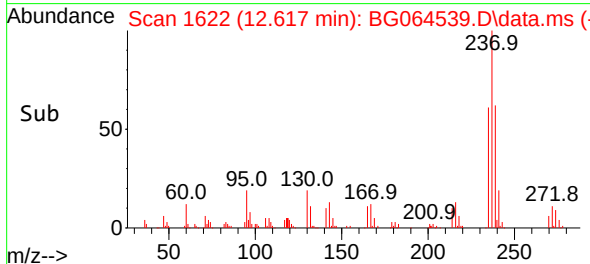
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



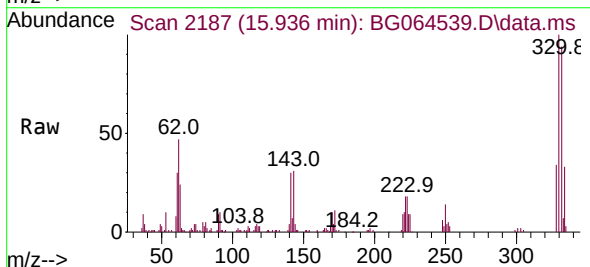
Tgt Ion:237 Resp: 95338
Ion Ratio Lower Upper
237 100
235 61.0 46.9 86.9
272 10.6 0.0 32.6

Manual Integrations
APPROVED

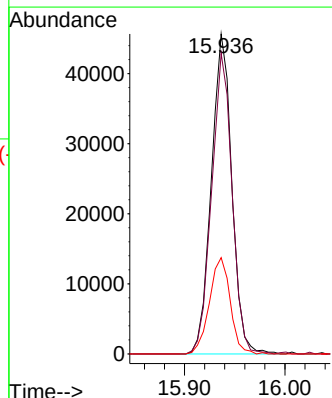
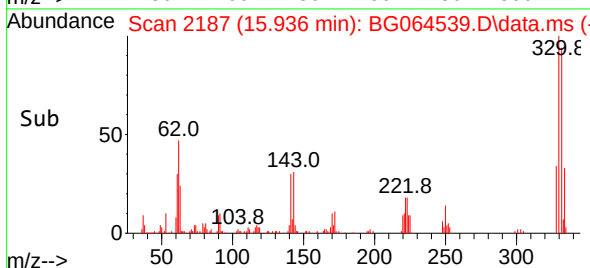
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

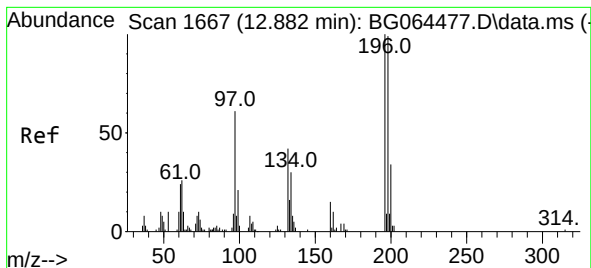


#42
2,4,6-Tribromophenol
Concen: 80.658 ng
RT: 15.936 min Scan# 2187
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10



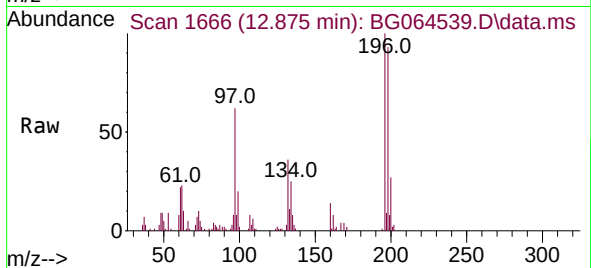
Tgt Ion:330 Resp: 64752
Ion Ratio Lower Upper
330 100
332 93.5 77.4 116.0
141 30.5 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 48.810 ng m
RT: 12.875 min Scan# 1666
Delta R.T. -0.004 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

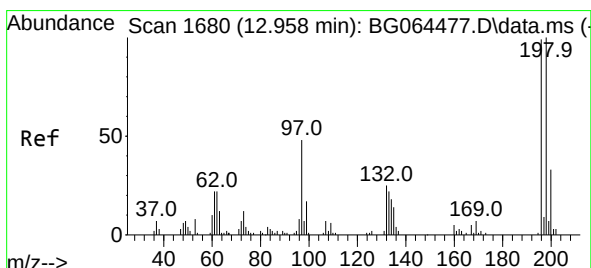
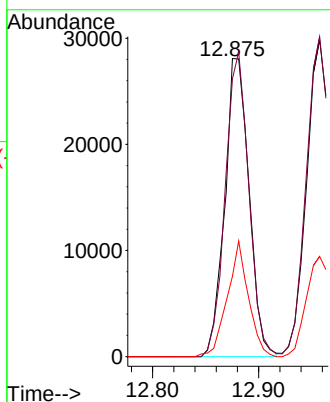
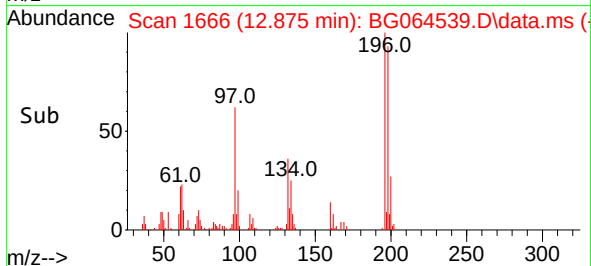
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:196 Resp: 44620
Ion Ratio Lower Upper
196 100
198 93.2 79.3 118.9
200 26.9 27.4 41.2

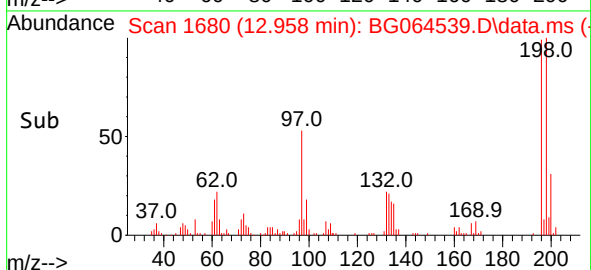
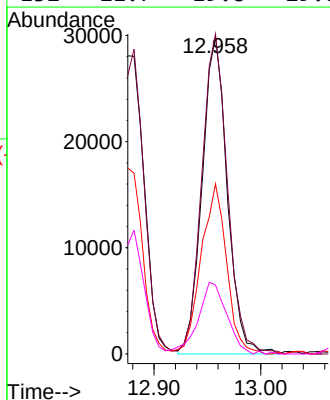
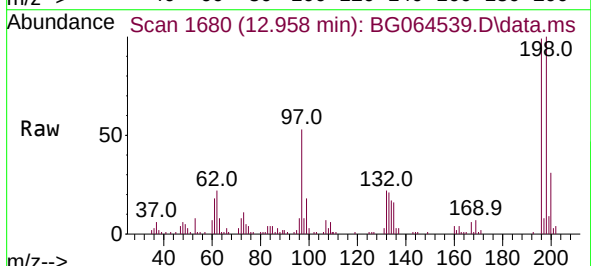
Manual Integrations
APPROVED

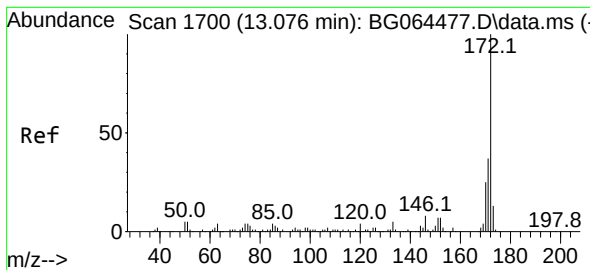
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#44
2,4,5-Trichlorophenol
Concen: 47.902 ng
RT: 12.958 min Scan# 1680
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

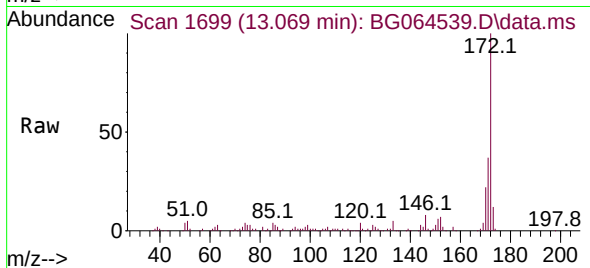
Tgt Ion:196 Resp: 48888
Ion Ratio Lower Upper
196 100
198 100.9 80.3 120.5
97 53.6 39.4 59.0
132 21.7 19.8 29.8





#45
2-Fluorobiphenyl
Concen: 42.241 ng
RT: 13.069 min Scan# 1699
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

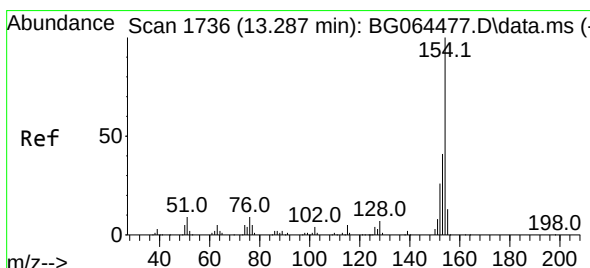
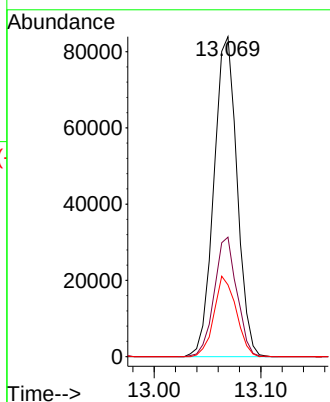
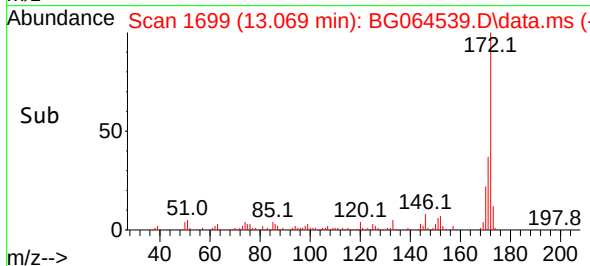
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



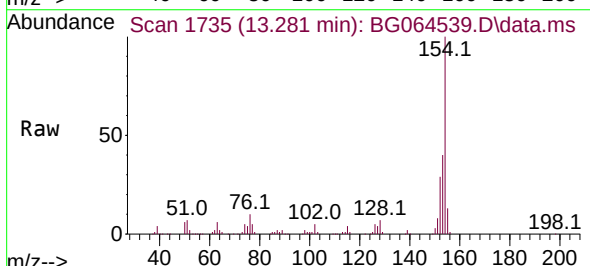
Tgt Ion:172 Resp: 126920
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 22.4 20.2 30.2

Manual Integrations
APPROVED

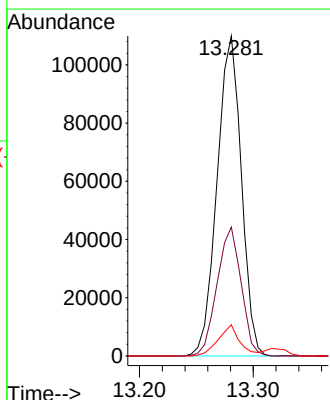
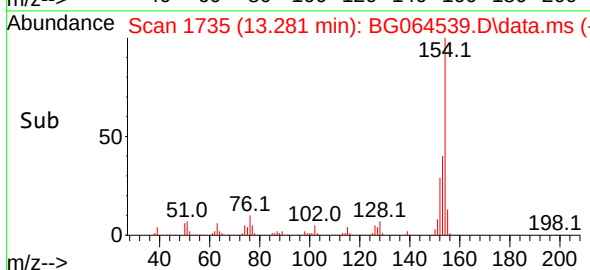
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

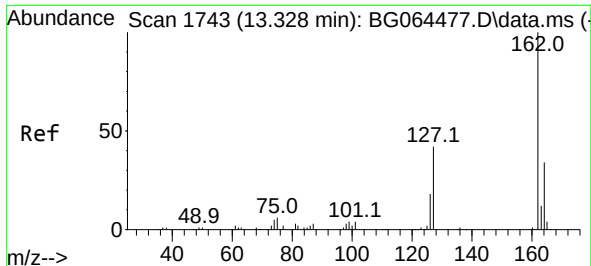


#46
1,1'-Biphenyl
Concen: 51.158 ng
RT: 13.281 min Scan# 1735
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10



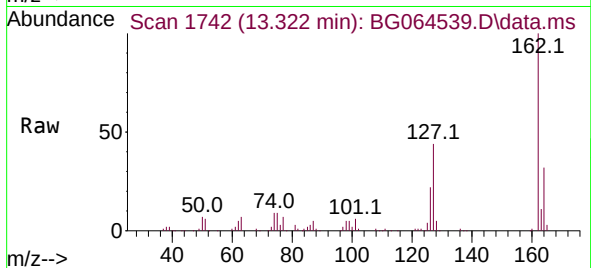
Tgt Ion:154 Resp: 162959
Ion Ratio Lower Upper
154 100
153 40.3 20.7 60.7
76 9.7 0.0 29.3





#47
2-Chloronaphthalene
Concen: 45.751 ng
RT: 13.322 min Scan# 1743
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

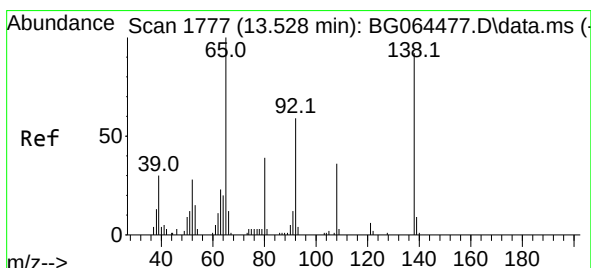
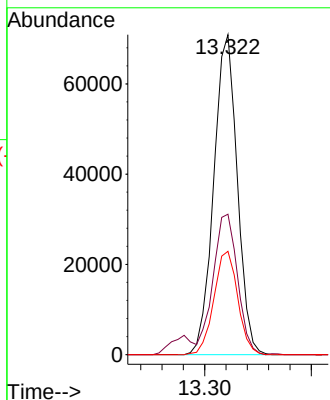
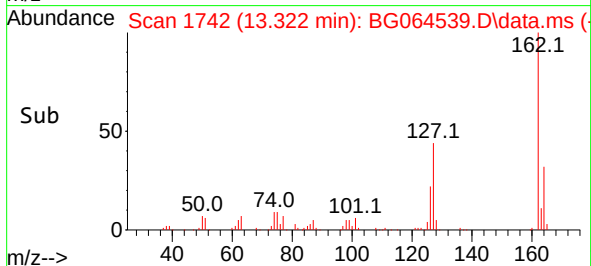
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:162 Resp: 108809
Ion Ratio Lower Upper
162 100
127 43.9 35.8 53.8
164 32.3 27.2 40.8

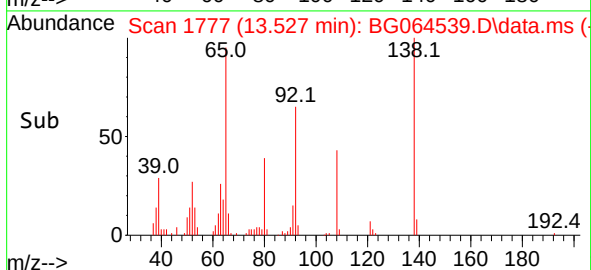
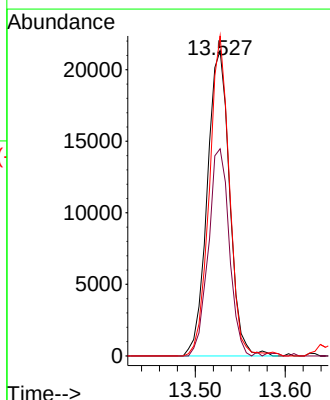
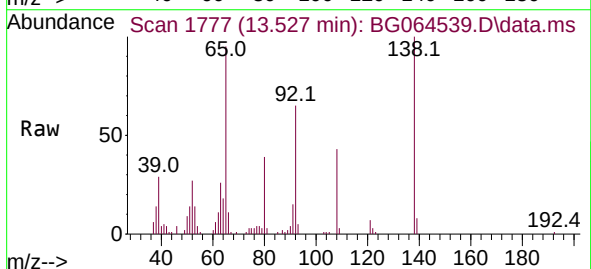
Manual Integrations
APPROVED

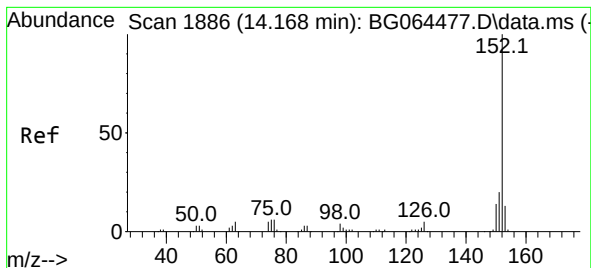
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#48
2-Nitroaniline
Concen: 45.464 ng
RT: 13.527 min Scan# 1777
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

Tgt Ion: 65 Resp: 36904
Ion Ratio Lower Upper
65 100
92 67.8 47.0 70.6
138 104.8 73.5 110.3





#49

Acenaphthylene

Concen: 53.191 ng

RT: 14.168 min Scan# 1886

Delta R.T. -0.004 min

Lab File: BG064539.D

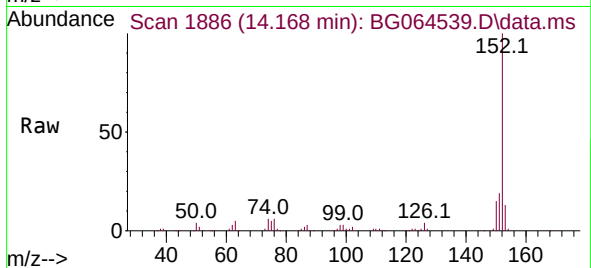
Acq: 17 Oct 2025 17:10

Instrument :

BNA_G

ClientSampleId :

COMP01-20251015MS



Tgt Ion:152 Resp: 187789

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

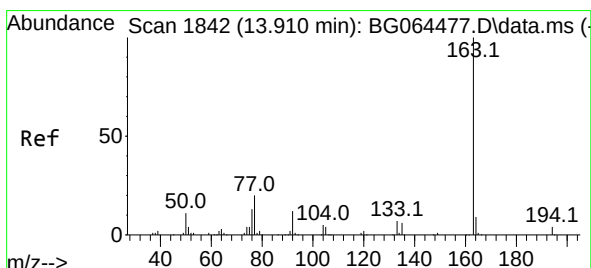
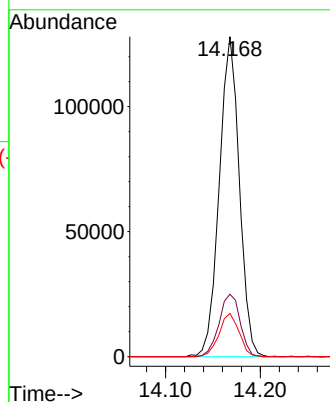
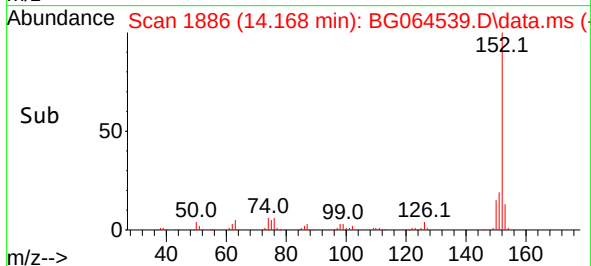
153 13.5 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#50

Dimethylphthalate

Concen: 43.395 ng

RT: 13.909 min Scan# 1842

Delta R.T. 0.008 min

Lab File: BG064539.D

Acq: 17 Oct 2025 17:10

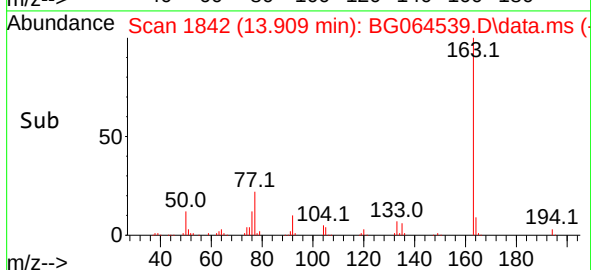
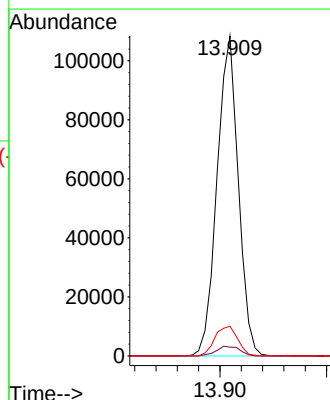
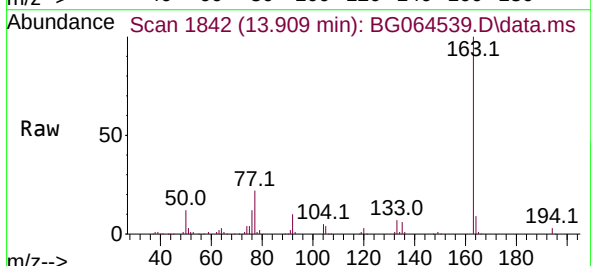
Tgt Ion:163 Resp: 150526

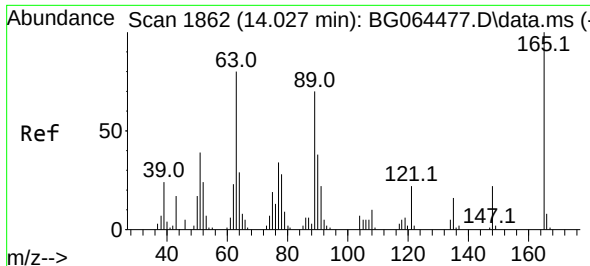
Ion Ratio Lower Upper

163 100

194 2.7 2.9 4.3#

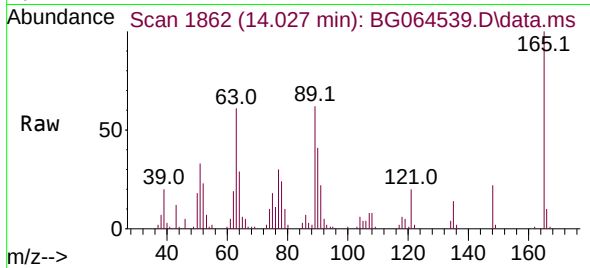
164 9.3 7.4 11.0





#51
2,6-Dinitrotoluene
Concen: 46.103 ng
RT: 14.027 min Scan# 1862
Delta R.T. 0.008 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

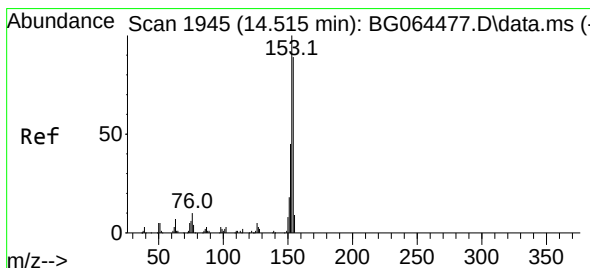
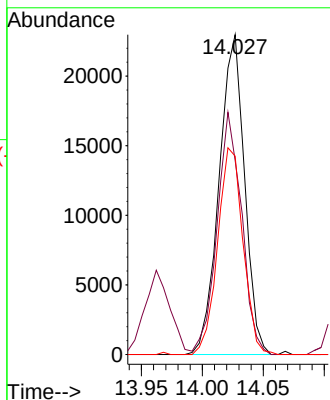
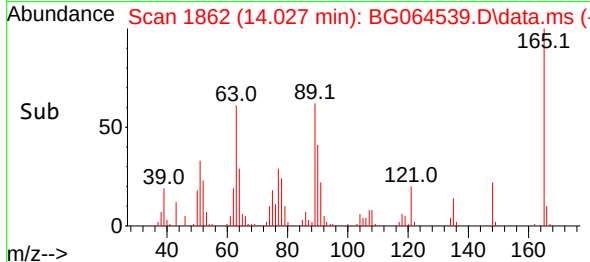
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:165 Resp: 33313
Ion Ratio Lower Upper
165 100
63 60.6 63.9 95.9
89 62.0 56.1 84.1

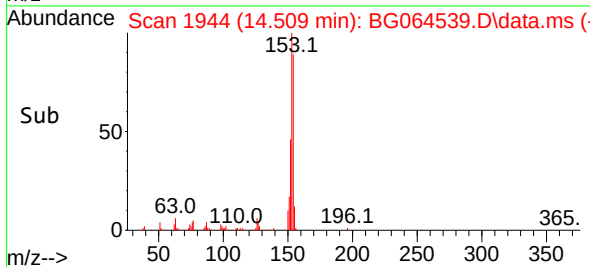
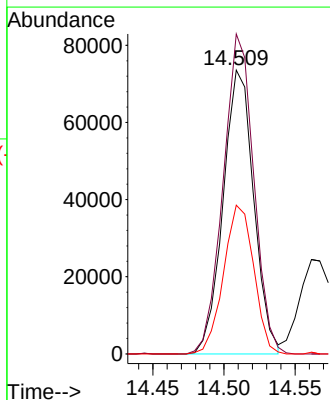
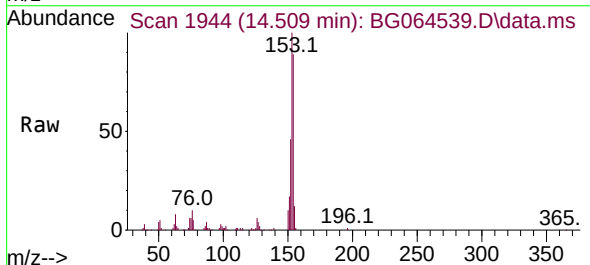
Manual Integrations
APPROVED

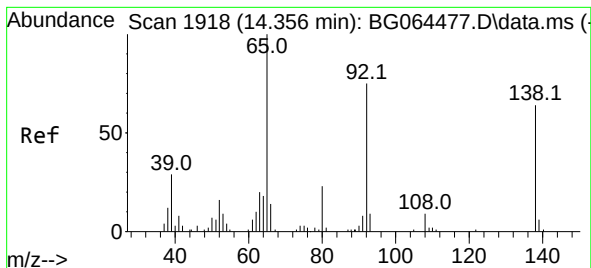
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#52
Acenaphthene
Concen: 44.985 ng
RT: 14.509 min Scan# 1944
Delta R.T. -0.004 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

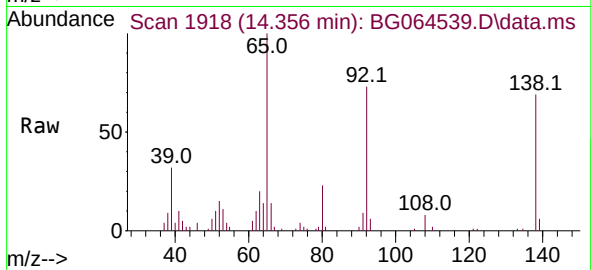
Tgt Ion:154 Resp: 110340
Ion Ratio Lower Upper
154 100
153 112.8 90.2 135.4
152 52.4 40.2 60.4





#53
3-Nitroaniline
Concen: 31.162 ng
RT: 14.356 min Scan# 1918
Delta R.T. 0.008 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

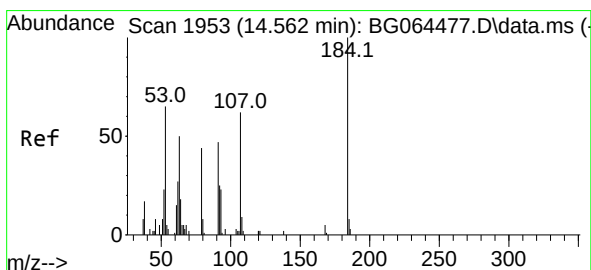
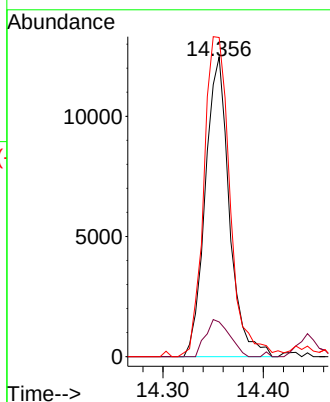
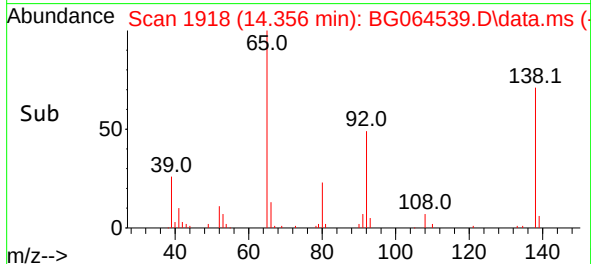
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:138 Resp: 20766
Ion Ratio Lower Upper
138 100
108 11.6 10.6 15.8
92 106.5 93.2 139.8

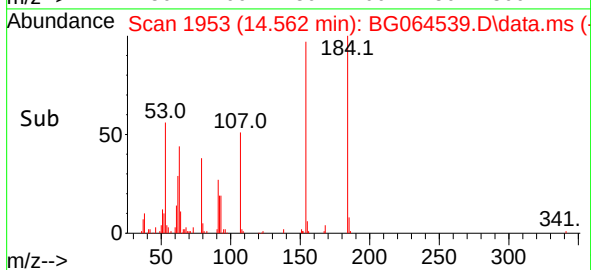
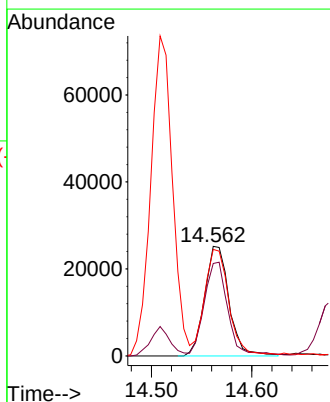
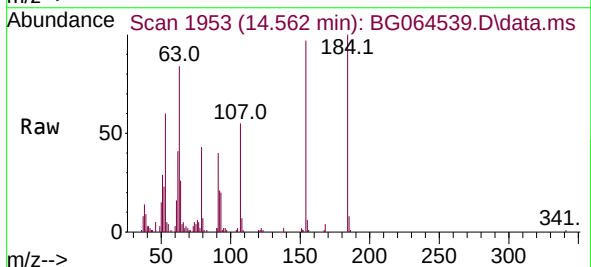
Manual Integrations
APPROVED

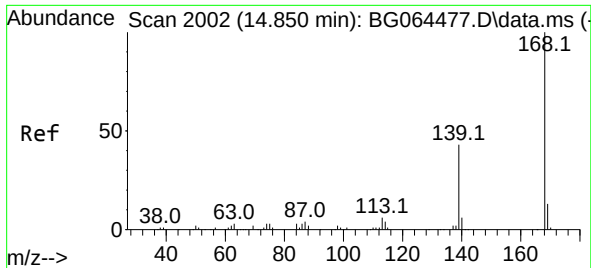
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#54
2,4-Dinitrophenol
Concen: 80.943 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

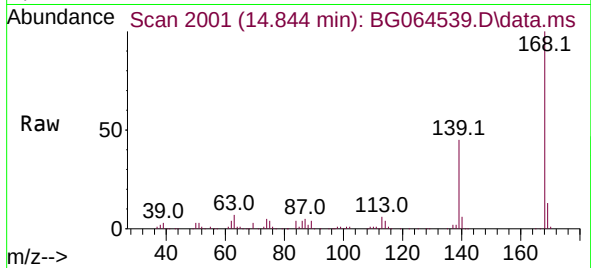
Tgt Ion:184 Resp: 42410
Ion Ratio Lower Upper
184 100
63 84.3 69.0 103.4
154 97.1 95.6 143.4





#55
Dibenzenofuran
Concen: 45.428 ng
RT: 14.844 min Scan# 2002
Delta R.T. -0.004 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

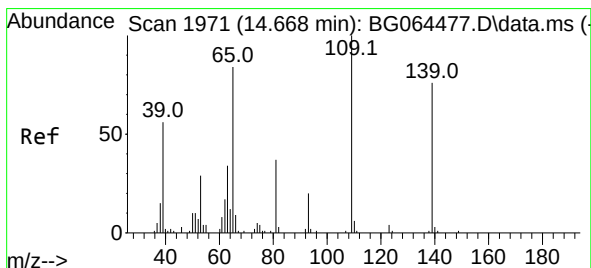
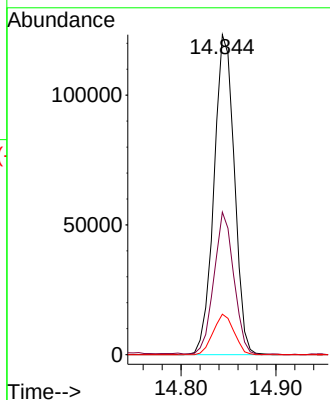
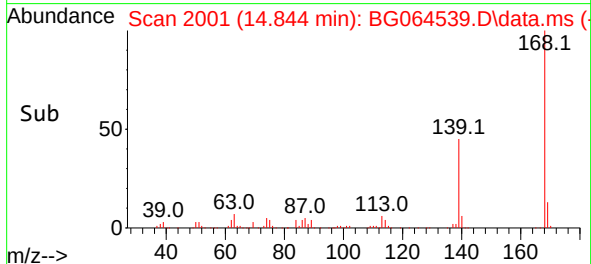
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:168 Resp: 183981
Ion Ratio Lower Upper
168 100
139 44.5 34.0 51.0
169 12.6 10.2 15.2

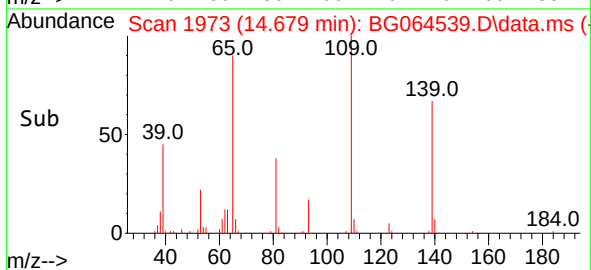
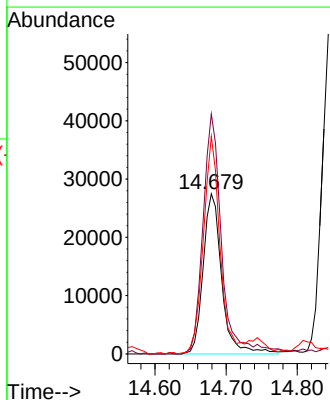
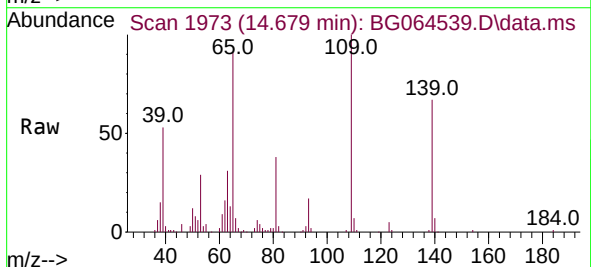
Manual Integrations
APPROVED

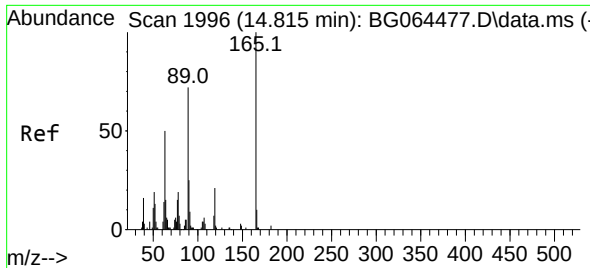
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#56
4-Nitrophenol
Concen: 94.546 ng
RT: 14.679 min Scan# 1973
Delta R.T. 0.014 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

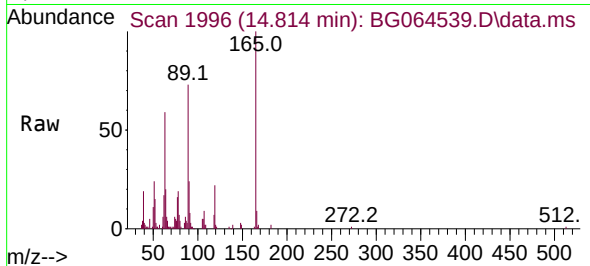
Tgt Ion:139 Resp: 49605
Ion Ratio Lower Upper
139 100
109 149.8 111.8 151.8
65 135.9 91.1 131.1#





#57
2,4-Dinitrotoluene
Concen: 46.752 ng
RT: 14.814 min Scan# 1996
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

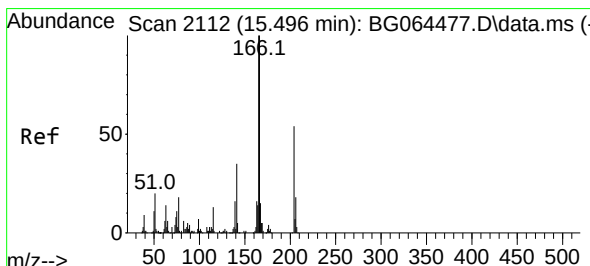
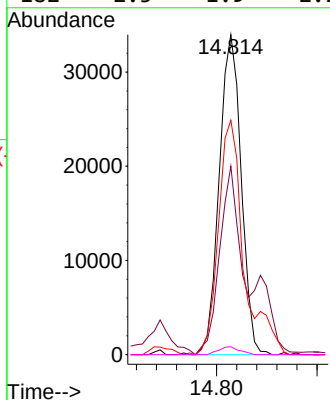
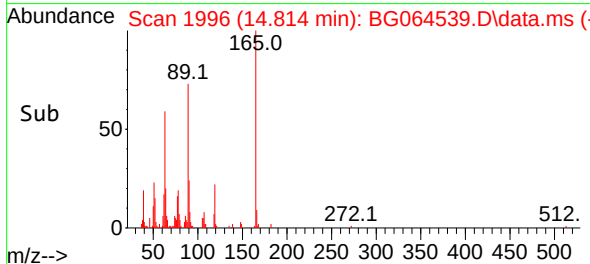
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:165 Resp: 51642
Ion Ratio Lower Upper
165 100
63 58.9 40.4 60.6
89 73.2 57.3 85.9
182 2.5 1.9 2.9

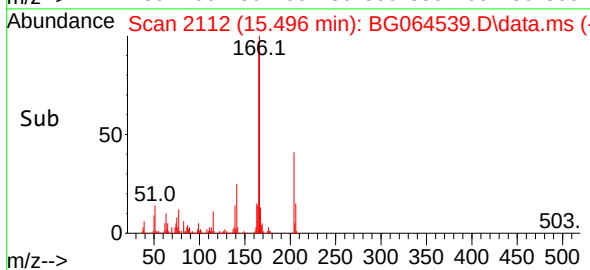
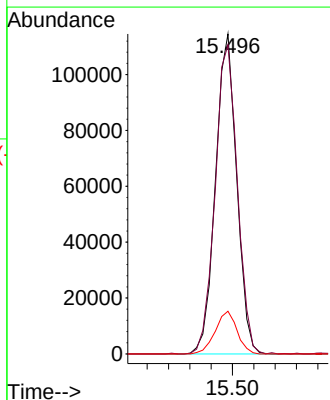
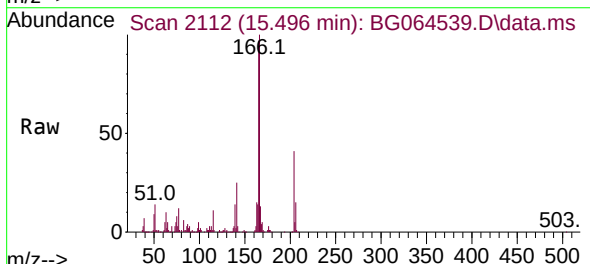
Manual Integrations
APPROVED

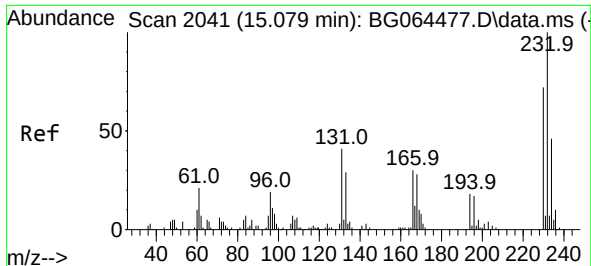
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#58
Fluorene
Concen: 46.962 ng
RT: 15.496 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

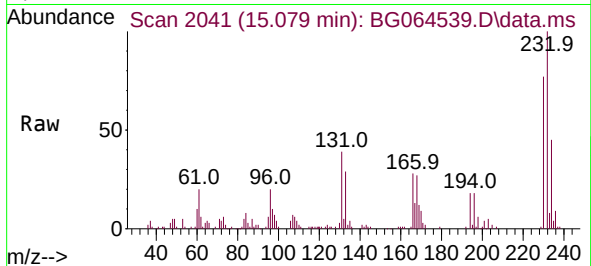
Tgt Ion:166 Resp: 158117
Ion Ratio Lower Upper
166 100
165 96.6 79.8 119.6
167 13.3 11.7 17.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.195 ng
RT: 15.079 min Scan# 2041
Delta R.T. 0.008 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

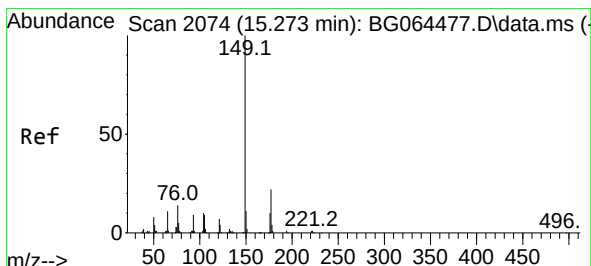
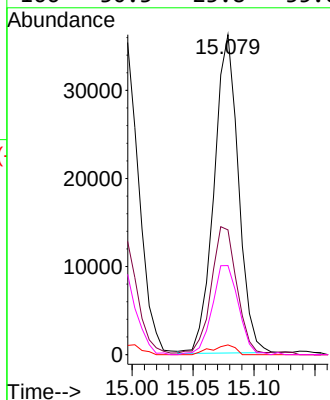
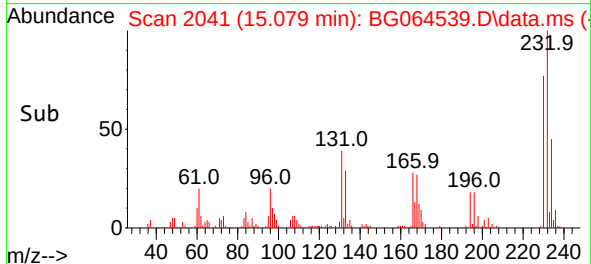
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



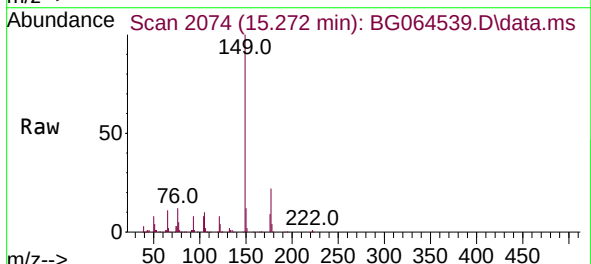
Tgt Ion:232 Resp: 50198
Ion Ratio Lower Upper
232 100
131 41.4 35.0 52.4
130 3.0 2.0 3.0
166 30.3 23.8 35.6

Manual Integrations
APPROVED

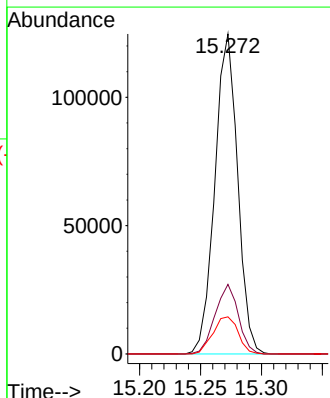
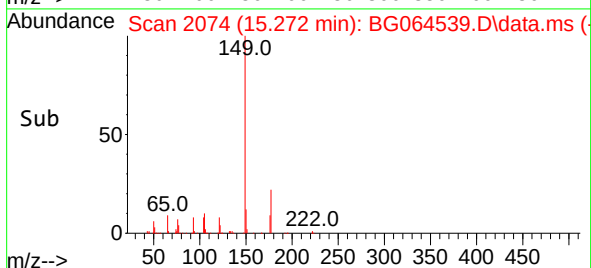
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

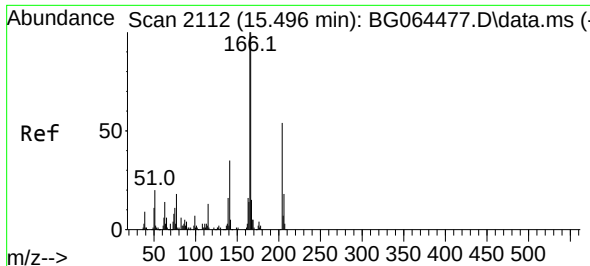


#60
Diethylphthalate
Concen: 43.500 ng
RT: 15.272 min Scan# 2074
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10



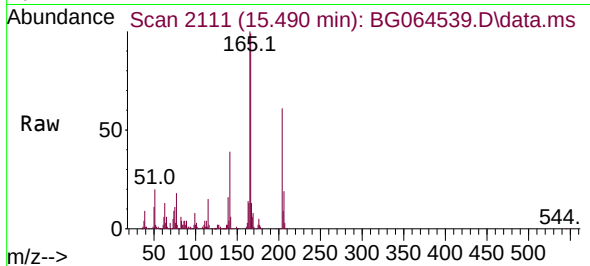
Tgt Ion:149 Resp: 161869
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 11.6 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 45.628 ng
RT: 15.490 min Scan# 2111
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

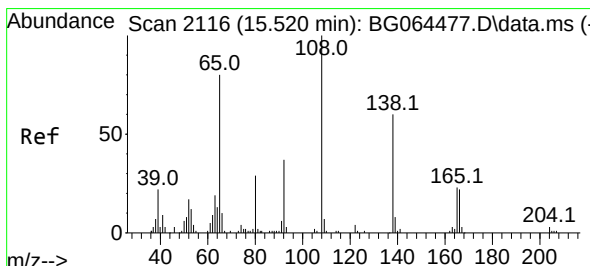
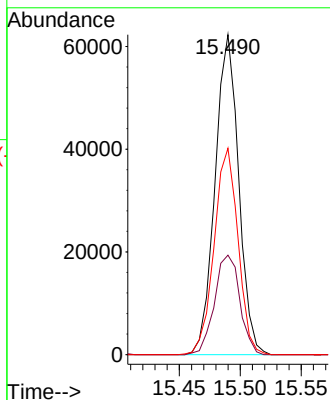
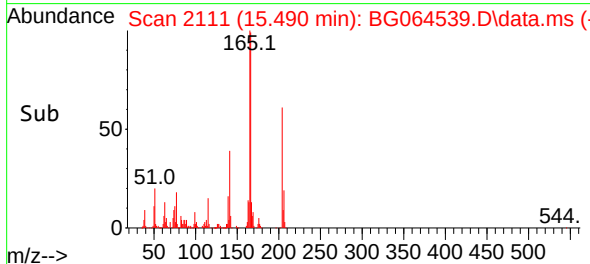
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:204 Resp: 8387
Ion Ratio Lower Upper
204 100
206 31.1 27.1 40.7
141 64.5 51.5 77.3

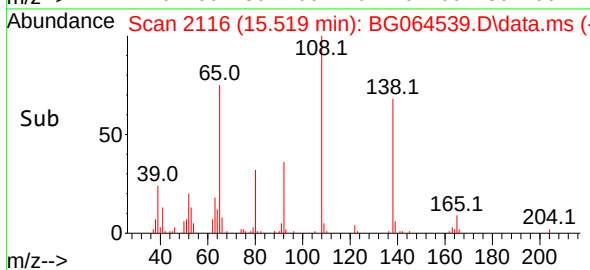
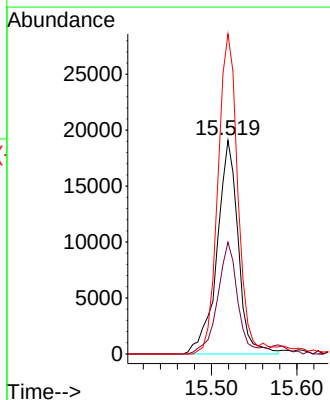
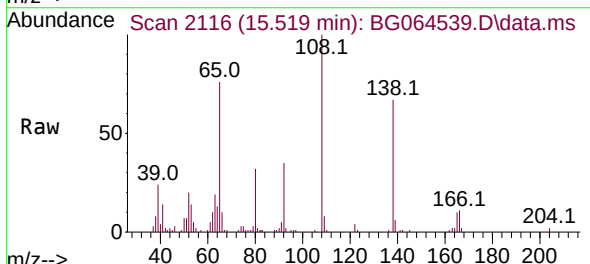
Manual Integrations
APPROVED

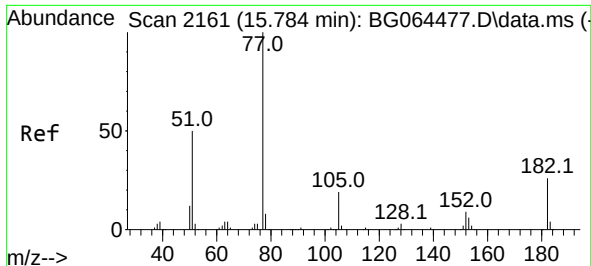
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#62
4-Nitroaniline
Concen: 47.329 ng
RT: 15.519 min Scan# 2116
Delta R.T. 0.008 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

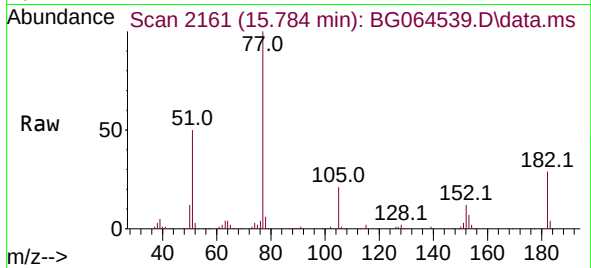
Tgt Ion:138 Resp: 32873
Ion Ratio Lower Upper
138 100
92 52.3 42.3 82.3
108 149.8 147.7 187.7





#63
Azobenzene
Concen: 48.972 ng
RT: 15.784 min Scan# 2161
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

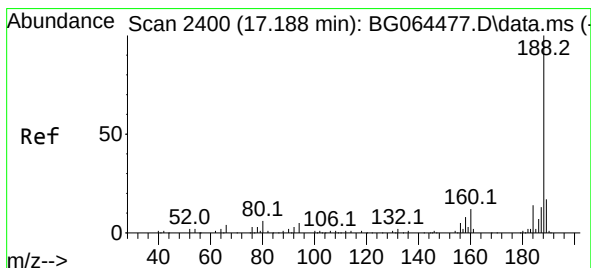
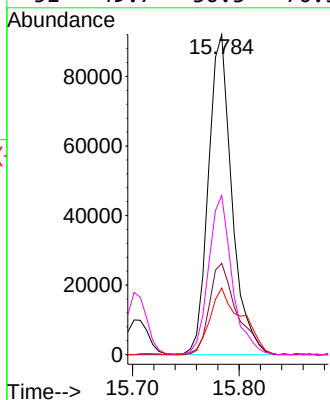
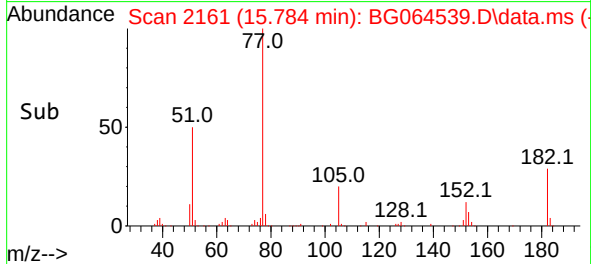
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



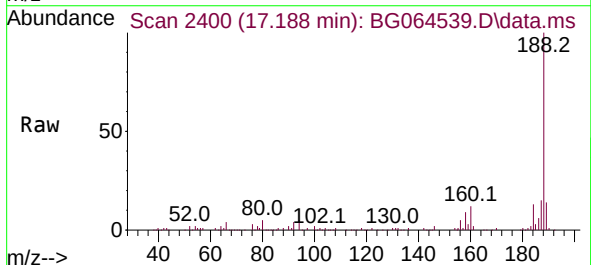
Tgt Ion: 77 Resp: 141129
Ion Ratio Lower Upper
77 100
182 28.5 6.3 46.3
105 20.8 0.0 38.7
51 49.7 30.3 70.3

Manual Integrations
APPROVED

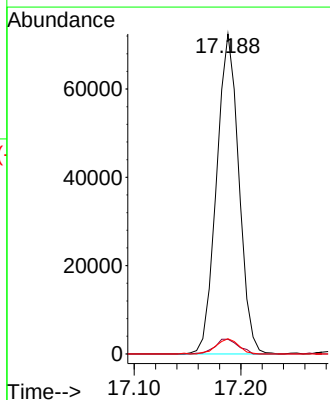
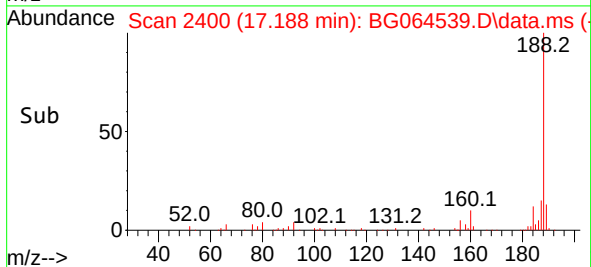
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

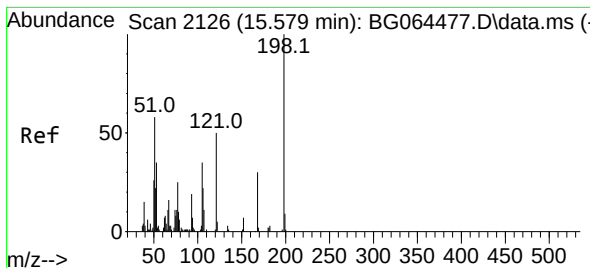


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10



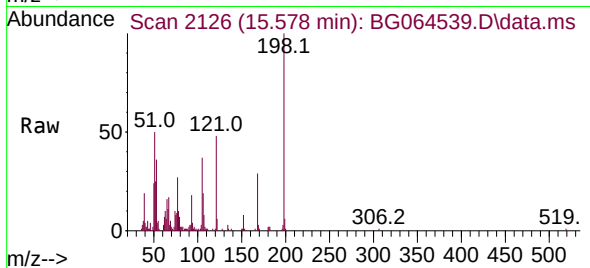
Tgt Ion:188 Resp: 105365
Ion Ratio Lower Upper
188 100
94 4.6 3.7 5.5
80 4.7 4.5 6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 47.598 ng
RT: 15.578 min Scan# 2126
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

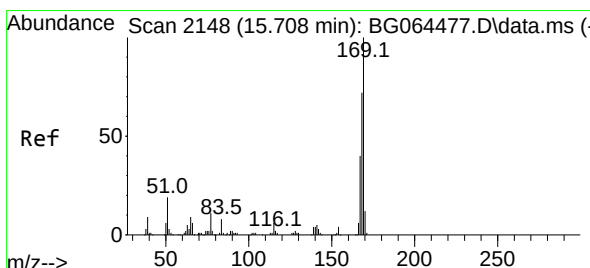
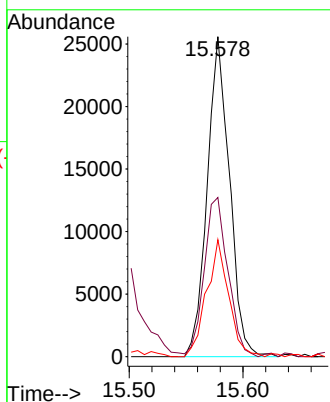
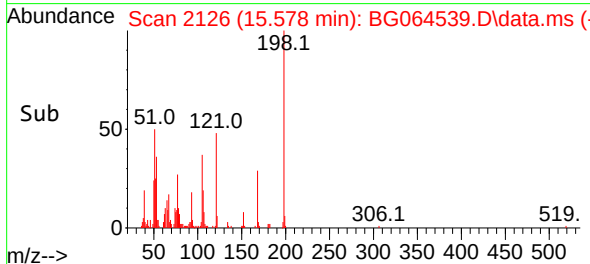
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:198 Resp: 34919
Ion Ratio Lower Upper
198 100
51 49.7 39.0 79.0
105 36.5 15.8 55.8

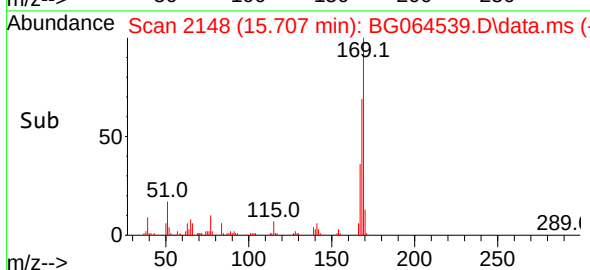
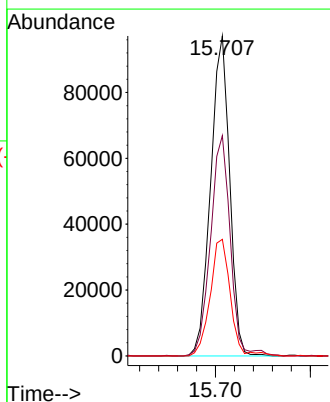
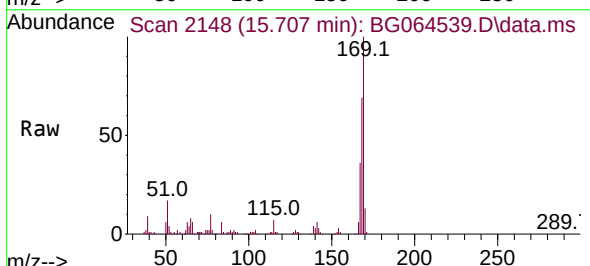
Manual Integrations
APPROVED

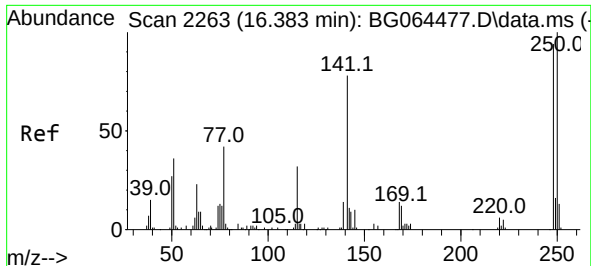
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#66
n-Nitrosodiphenylamine
Concen: 48.089 ng
RT: 15.707 min Scan# 2148
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

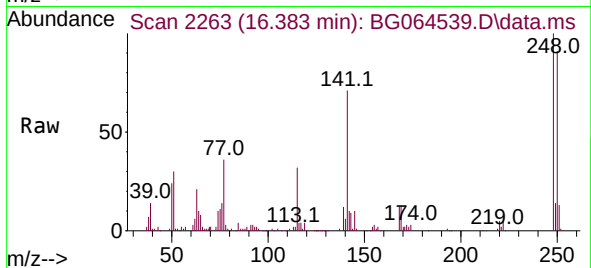
Tgt Ion:169 Resp: 135307
Ion Ratio Lower Upper
169 100
168 68.8 57.8 86.6
167 36.4 31.7 47.5





#67
4-Bromophenyl-phenylether
Concen: 48.433 ng
RT: 16.383 min Scan# 2263
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

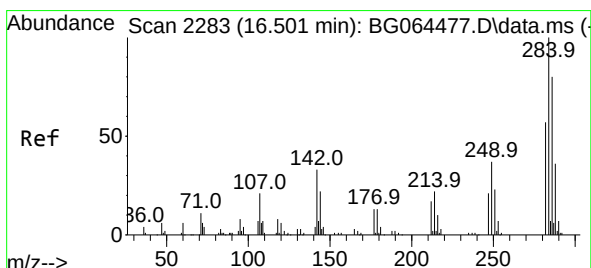
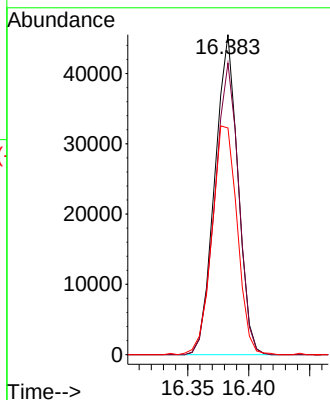
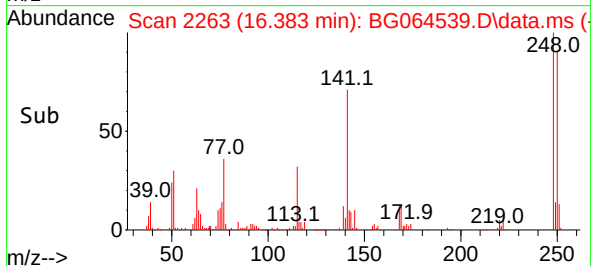
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



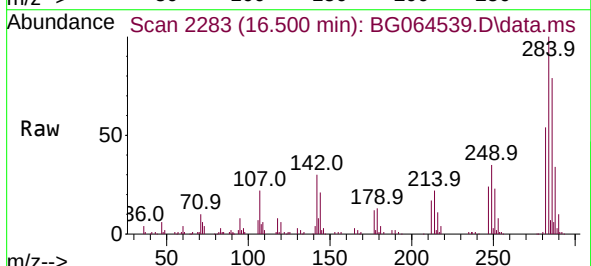
Tgt Ion:248 Resp: 60052
Ion Ratio Lower Upper
248 100
250 91.1 85.3 127.9
141 70.8 66.2 99.2

Manual Integrations
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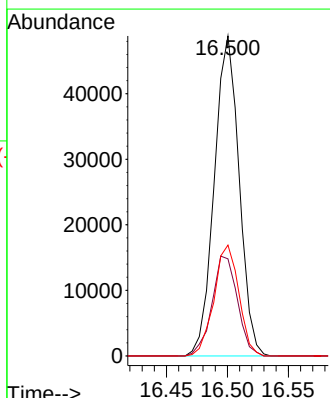
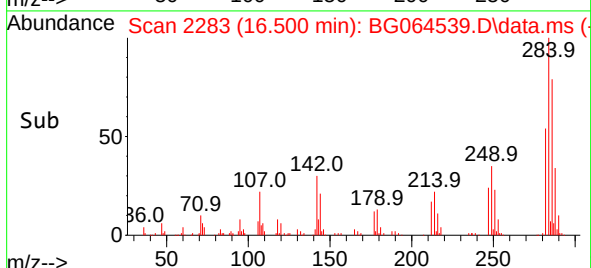
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

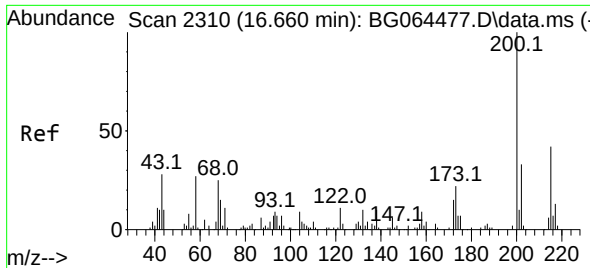


#68
Hexachlorobenzene
Concen: 48.727 ng
RT: 16.500 min Scan# 2283
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10



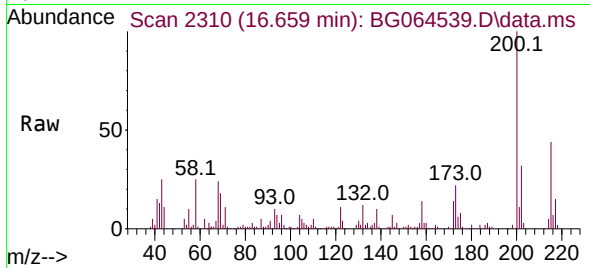
Tgt Ion:284 Resp: 69134
Ion Ratio Lower Upper
284 100
142 30.3 26.2 39.2
249 34.6 29.4 44.0





#69
 Atrazine
 Concen: 49.878 ng
 RT: 16.659 min Scan# 2310
 Delta R.T. 0.008 min
 Lab File: BG064539.D
 Acq: 17 Oct 2025 17:10

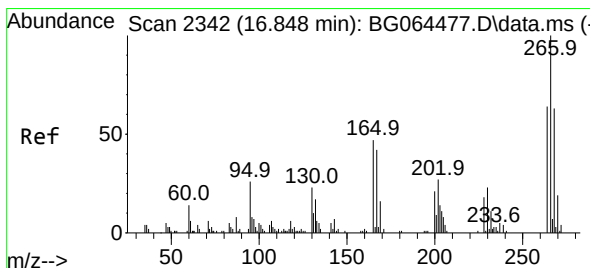
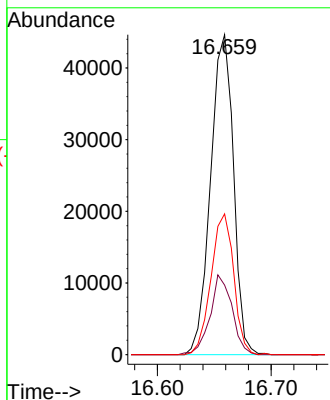
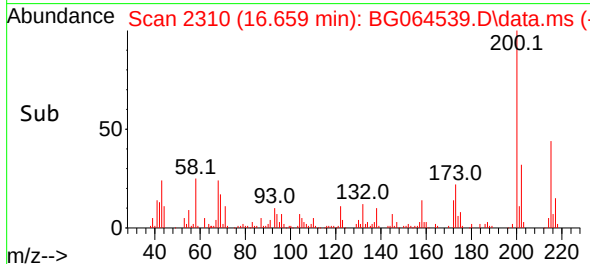
Instrument :
 BNA_G
 ClientSampleId :
 COMP01-20251015MS



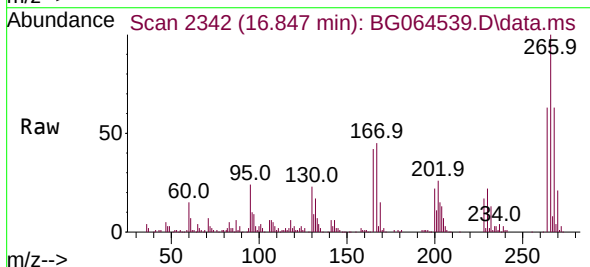
Tgt Ion:200 Resp: 62438
 Ion Ratio Lower Upper
 200 100
 173 21.7 2.5 42.5
 215 44.0 21.5 61.5

Manual Integrations
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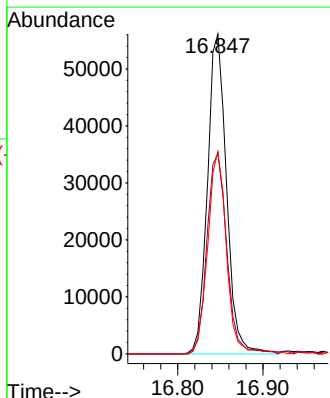
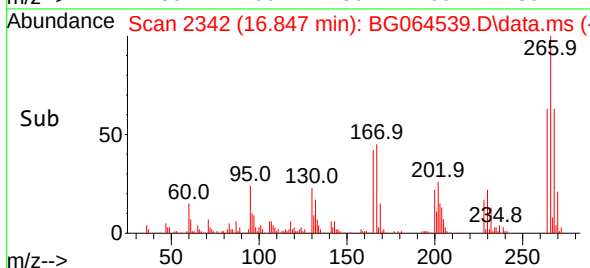
Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

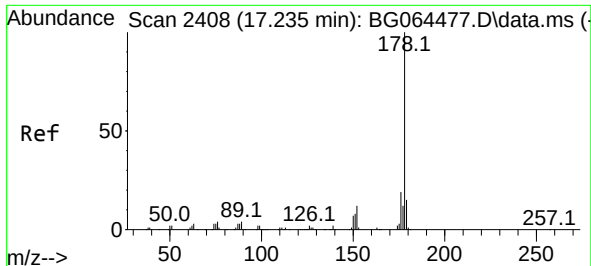


#70
 Pentachlorophenol
 Concen: 105.130 ng
 RT: 16.847 min Scan# 2342
 Delta R.T. 0.002 min
 Lab File: BG064539.D
 Acq: 17 Oct 2025 17:10



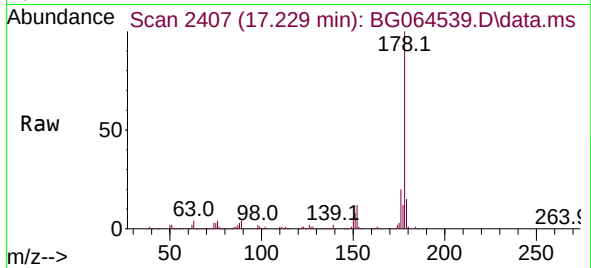
Tgt Ion:266 Resp: 87212
 Ion Ratio Lower Upper
 266 100
 268 62.7 50.6 75.8
 264 63.2 51.2 76.8





#71
Phenanthrene
Concen: 47.697 ng
RT: 17.229 min Scan# 2408
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

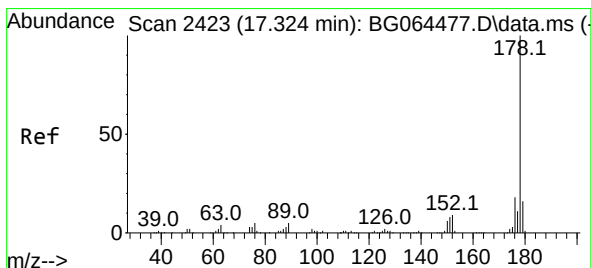
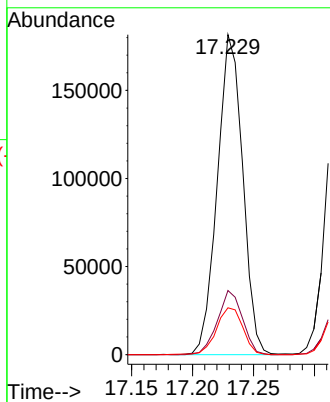
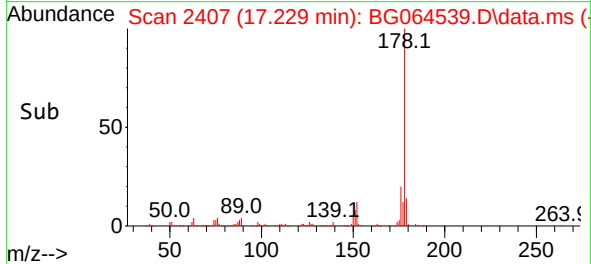
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:178 Resp: 262816
Ion Ratio Lower Upper
178 100
176 20.0 15.2 22.8
179 14.6 11.8 17.6

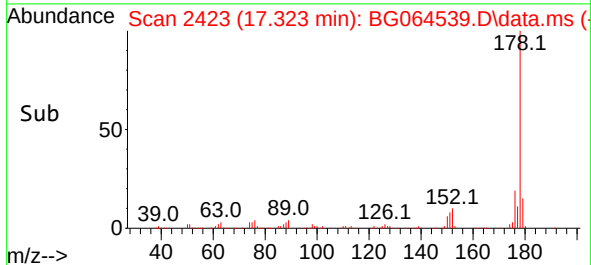
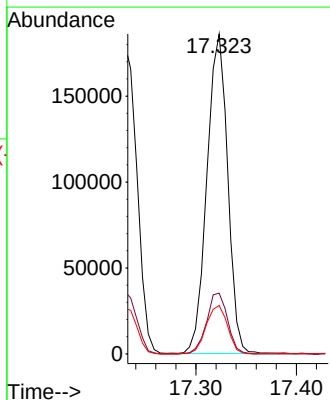
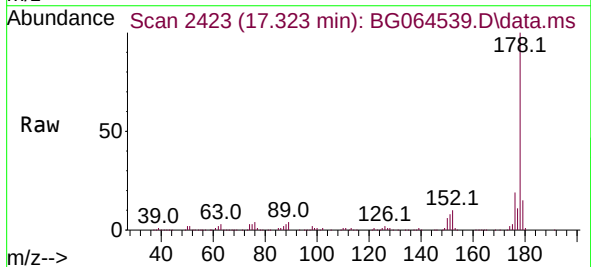
Manual Integrations
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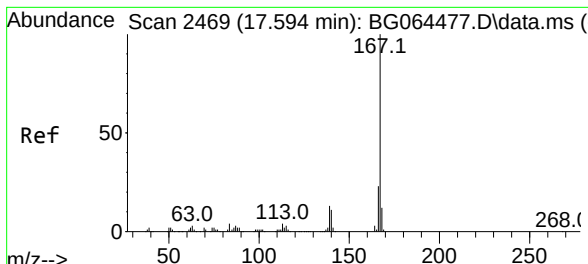
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#72
Anthracene
Concen: 48.267 ng
RT: 17.323 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

Tgt Ion:178 Resp: 266811
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 15.1 12.5 18.7





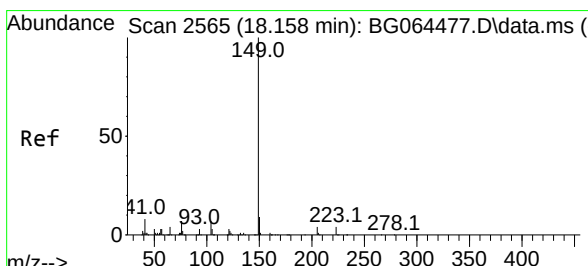
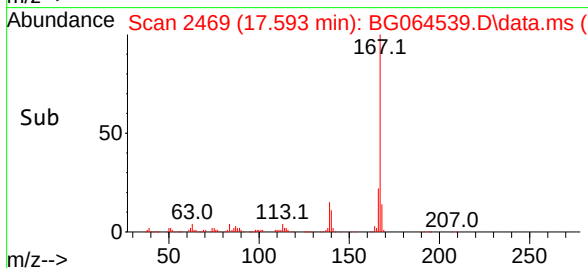
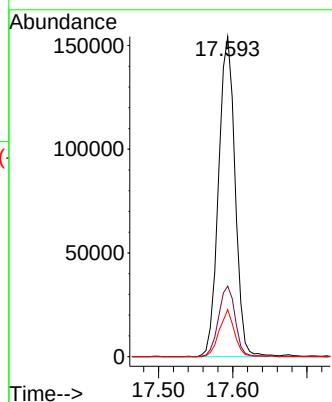
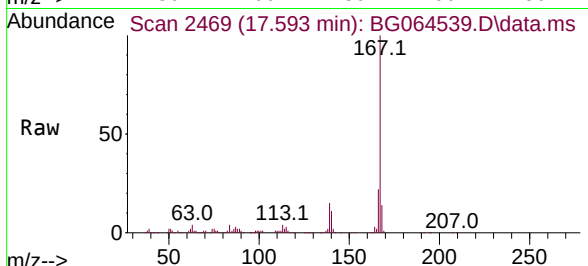
#73
 Carbazole
 Concen: 49.925 ng
 RT: 17.593 min Scan# 2469
 Delta R.T. 0.002 min
 Lab File: BG064539.D
 Acq: 17 Oct 2025 17:10

Instrument :
 BNA_G
 ClientSampleId :
 COMP01-20251015MS

Tgt Ion:167	Resp: 23854
Ion Ratio	Lower Upper
167 100	
166 22.0	18.6 27.8
139 14.7	10.2 15.4

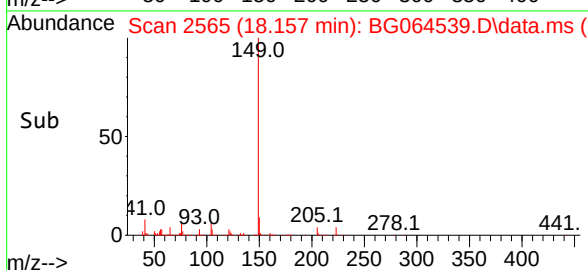
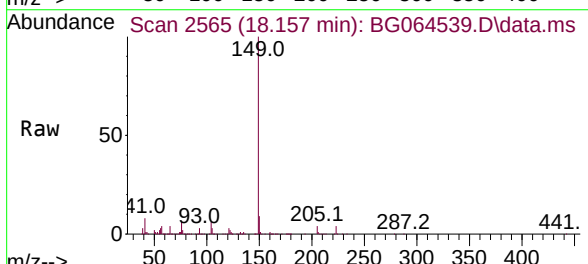
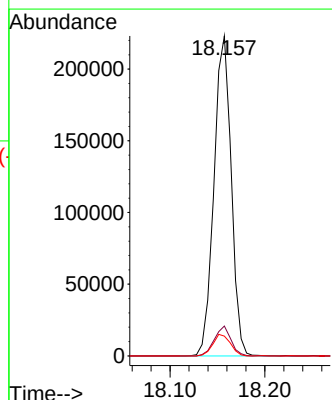
Manual Integrations
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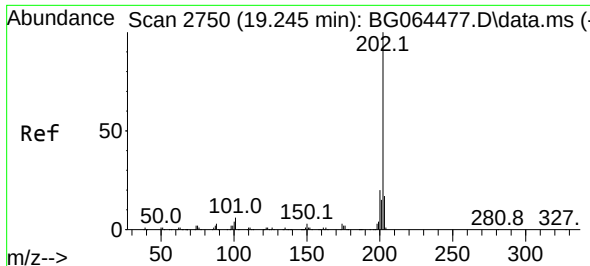
Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025



#74
 Di-n-butylphthalate
 Concen: 48.293 ng
 RT: 18.157 min Scan# 2565
 Delta R.T. 0.002 min
 Lab File: BG064539.D
 Acq: 17 Oct 2025 17:10

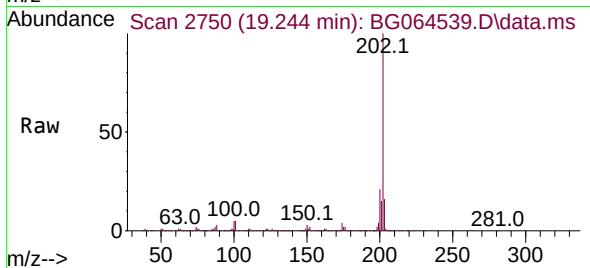
Tgt Ion:149	Resp: 281684
Ion Ratio	Lower Upper
149 100	
150 9.4	7.4 11.2
104 6.2	5.3 7.9





#75
Fluoranthene
Concen: 50.829 ng
RT: 19.244 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

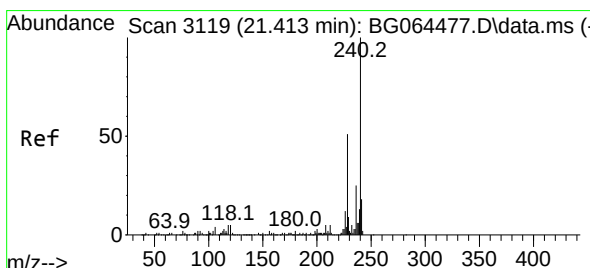
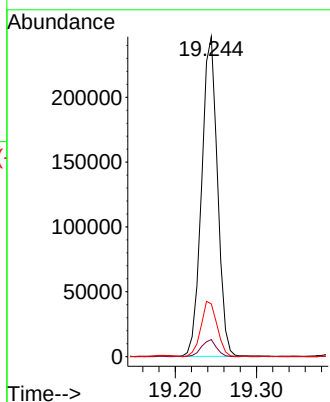
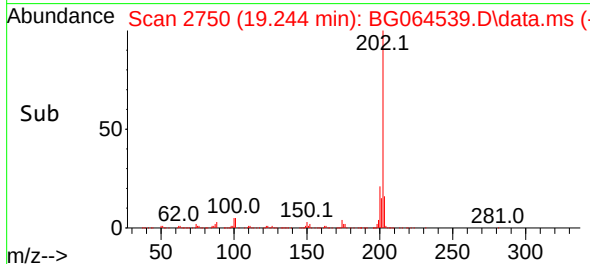
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:202 Resp: 334592
Ion Ratio Lower Upper
202 100
101 5.3 0.0 25.7
203 16.5 0.0 36.6

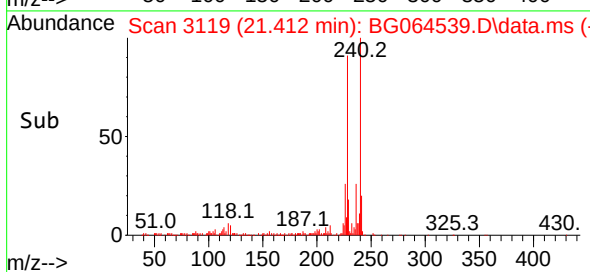
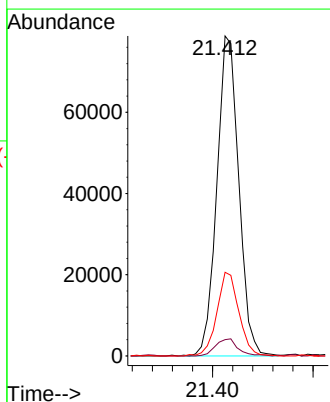
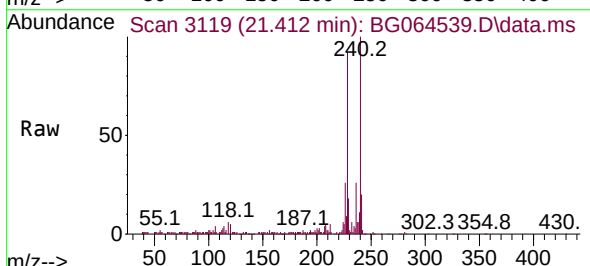
Manual Integrations
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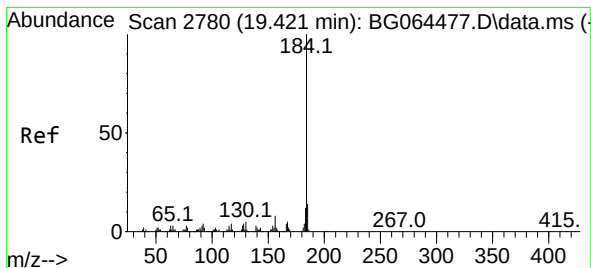
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.412 min Scan# 3119
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

Tgt Ion:240 Resp: 119699
Ion Ratio Lower Upper
240 100
120 5.1 4.3 6.5
236 26.1 20.4 30.6





#77

Benzidine

Concen: 37.778 ng

RT: 19.426 min Scan# 2780

Delta R.T. 0.001 min

Lab File: BG064539.D

Acq: 17 Oct 2025 17:10

Instrument :

BNA_G

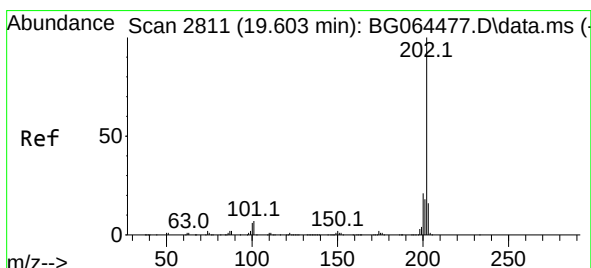
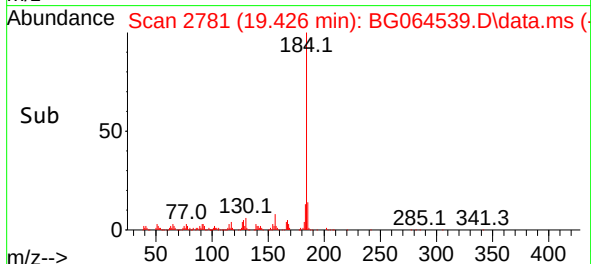
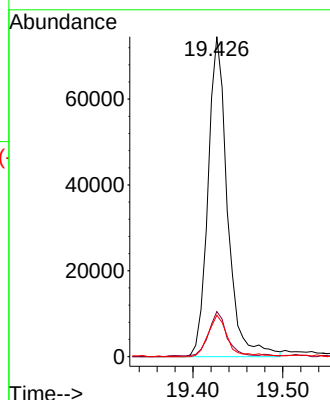
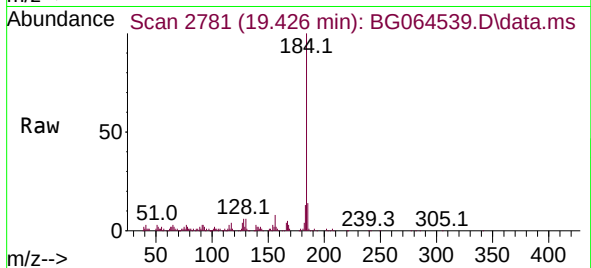
ClientSampleId :

COMP01-20251015MS

Tgt Ion:184 Resp: 112523
 Ion Ratio Lower Upper
 184 100
 185 14.1 10.9 16.3
 183 12.9 9.8 14.6

Manual Integrations
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Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025



#78

Pyrene

Concen: 45.325 ng

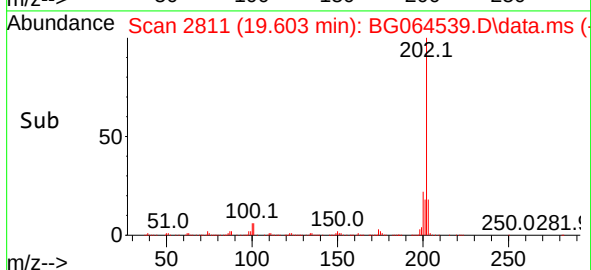
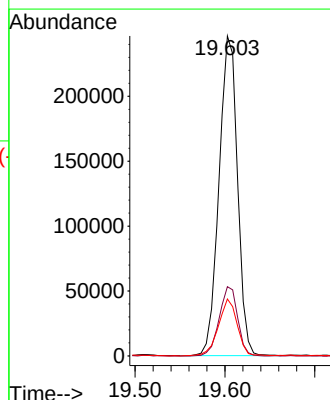
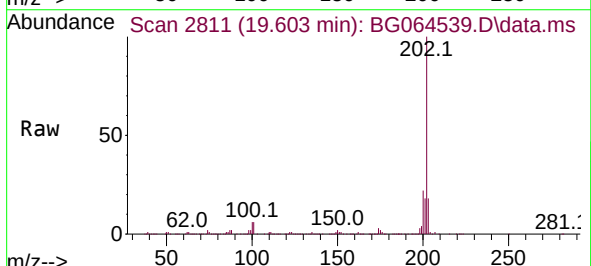
RT: 19.603 min Scan# 2811

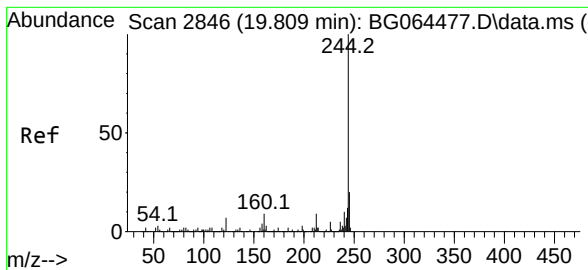
Delta R.T. 0.002 min

Lab File: BG064539.D

Acq: 17 Oct 2025 17:10

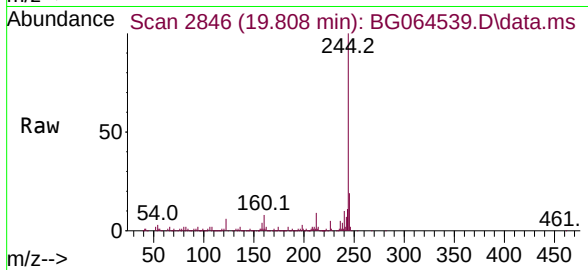
Tgt Ion:202 Resp: 352090
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.0 25.4
 203 17.8 13.0 19.4





#79
 Terphenyl-d14
 Concen: 42.800 ng
 RT: 19.808 min Scan# 2846
 Delta R.T. 0.002 min
 Lab File: BG064539.D
 Acq: 17 Oct 2025 17:10

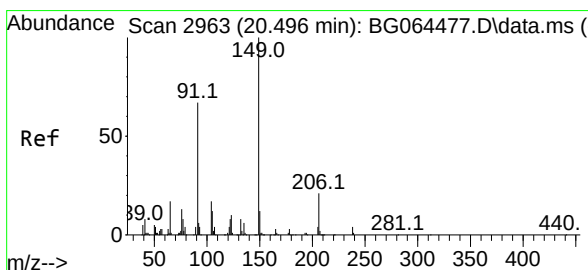
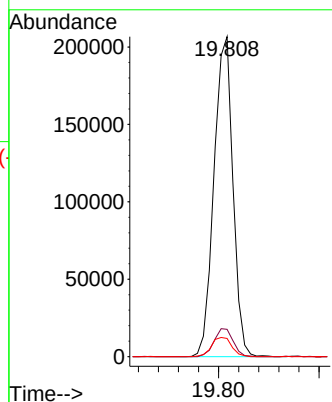
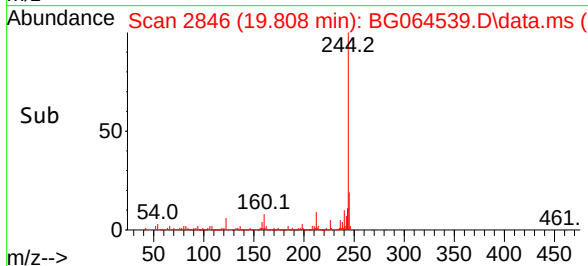
Instrument :
 BNA_G
 ClientSampleId :
 COMP01-20251015MS



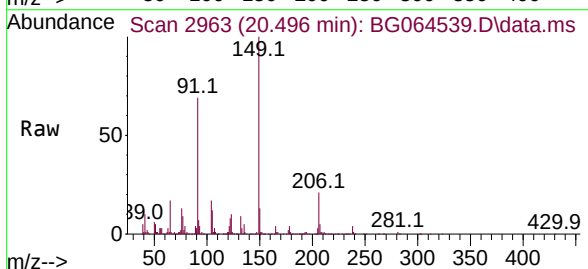
Tgt Ion:244 Resp: 270707
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.0 10.6
 122 5.7 5.6 8.4

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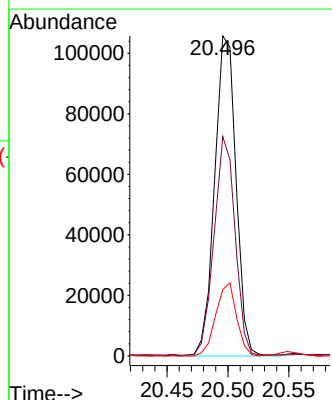
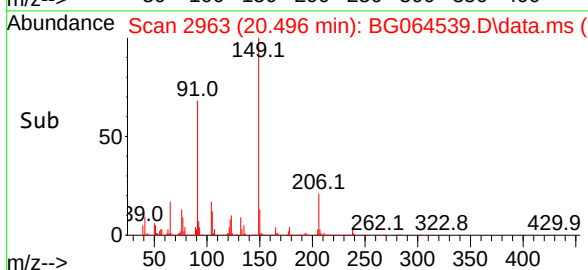
Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

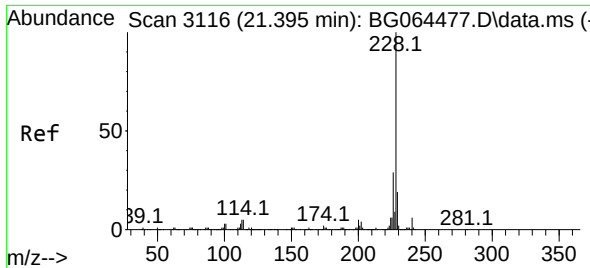


#80
 Butylbenzylphthalate
 Concen: 46.889 ng
 RT: 20.496 min Scan# 2963
 Delta R.T. -0.004 min
 Lab File: BG064539.D
 Acq: 17 Oct 2025 17:10



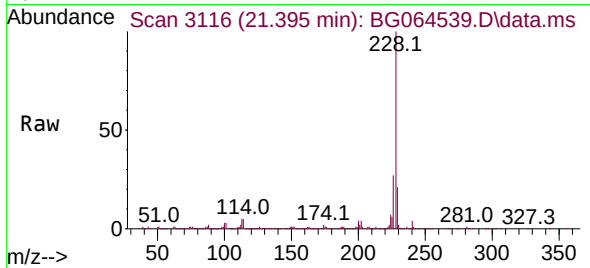
Tgt Ion:149 Resp: 129118
 Ion Ratio Lower Upper
 149 100
 91 68.5 53.7 80.5
 206 20.7 16.6 24.8





#81
Benzo(a)anthracene
Concen: 48.705 ng
RT: 21.395 min Scan# 3116
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

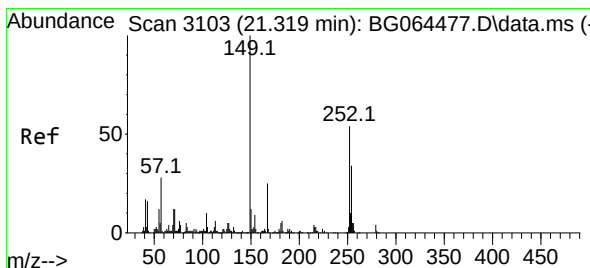
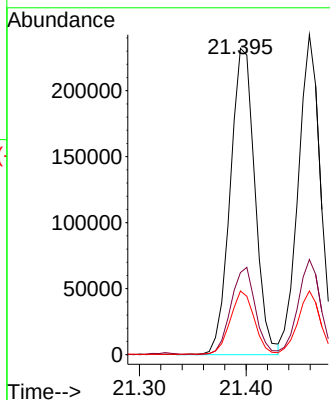
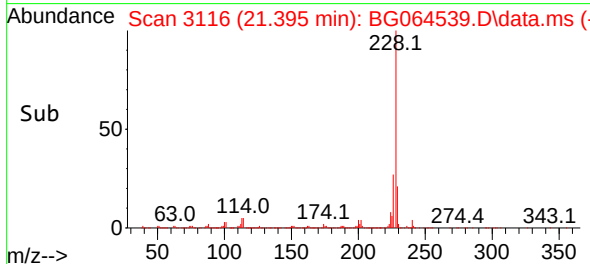
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:228 Resp: 372243
Ion Ratio Lower Upper
228 100
226 26.8 22.8 34.2
229 20.8 15.2 22.8

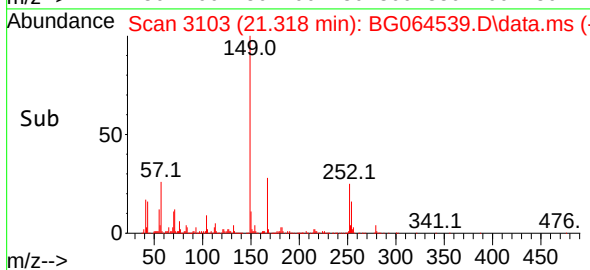
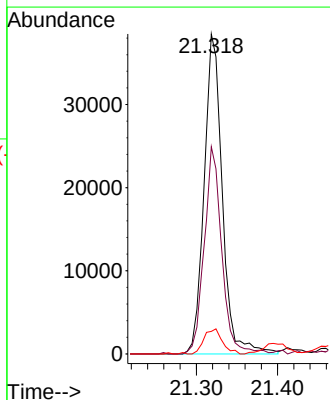
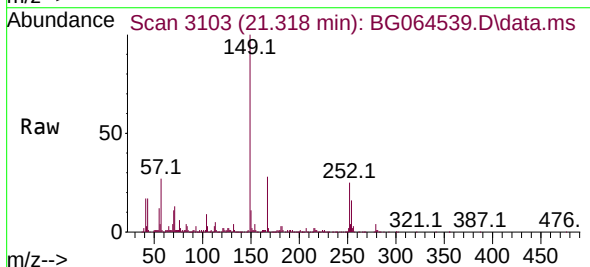
Manual Integrations
APPROVED

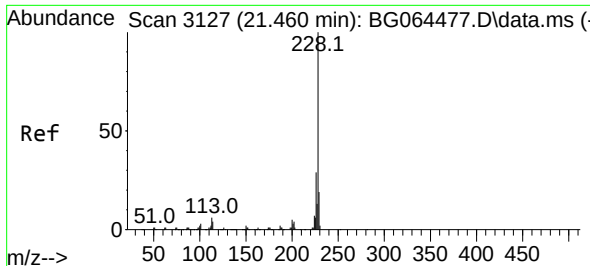
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#82
3,3'-Dichlorobenzidine
Concen: 23.171 ng
RT: 21.318 min Scan# 3103
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

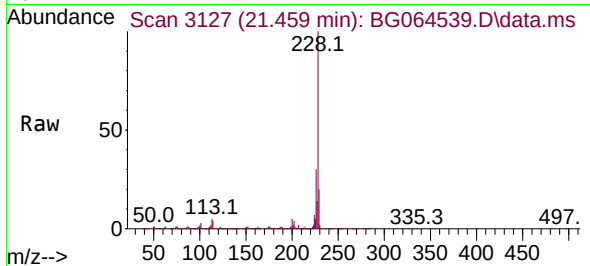
Tgt Ion:252 Resp: 59938
Ion Ratio Lower Upper
252 100
254 64.7 50.5 75.7
126 7.0 7.1 10.7#





#83
Chrysene
Concen: 48.291 ng
RT: 21.459 min Scan# 3127
Delta R.T. 0.008 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

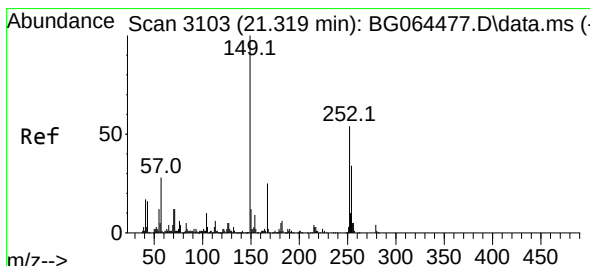
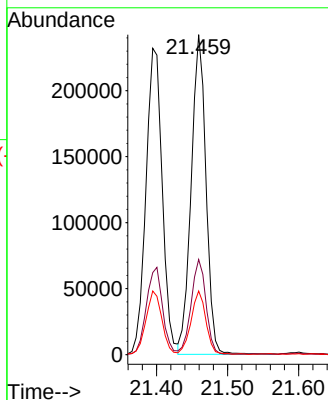
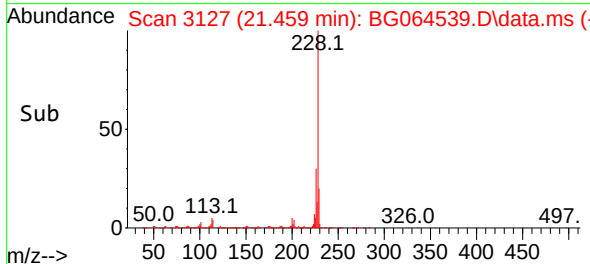
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:228 Resp: 350025
Ion Ratio Lower Upper
228 100
226 29.7 22.8 34.2
229 19.9 15.4 23.0

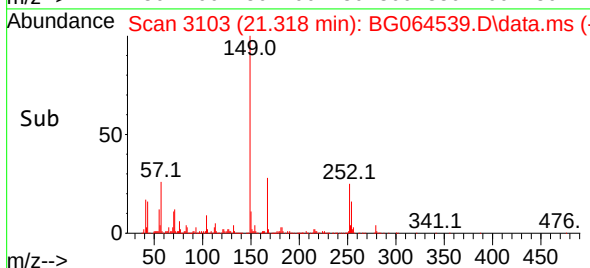
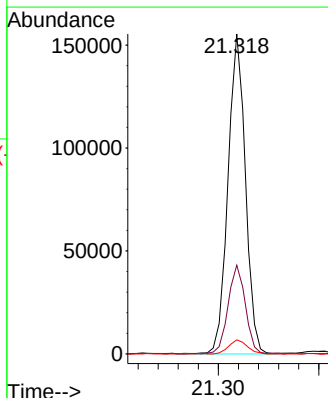
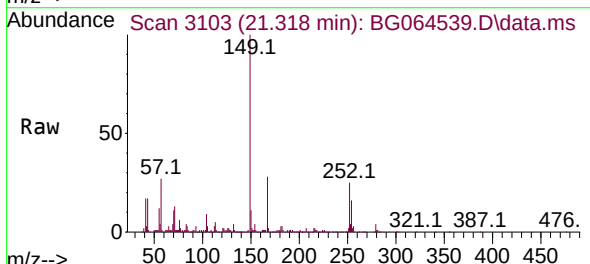
Manual Integrations
APPROVED

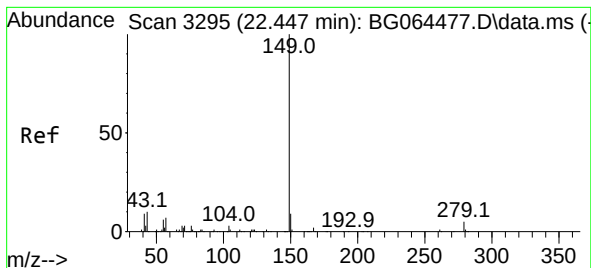
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.214 ng
RT: 21.318 min Scan# 3103
Delta R.T. 0.002 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

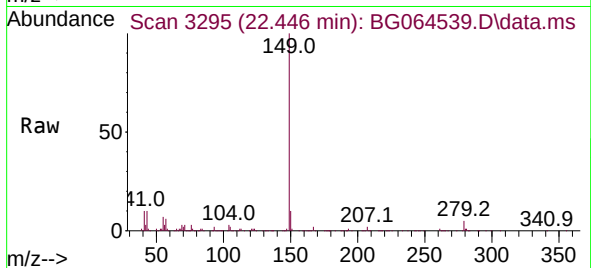
Tgt Ion:149 Resp: 187329
Ion Ratio Lower Upper
149 100
167 27.7 19.7 29.5
279 4.4 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 48.019 ng
RT: 22.446 min Scan# 31
Delta R.T. 0.008 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

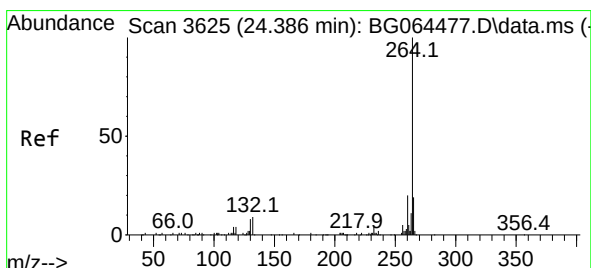
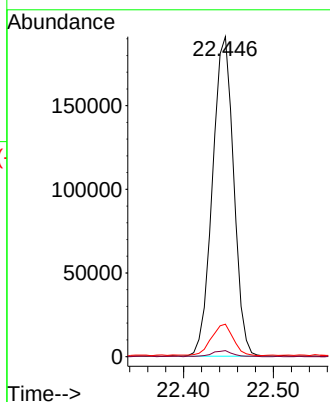
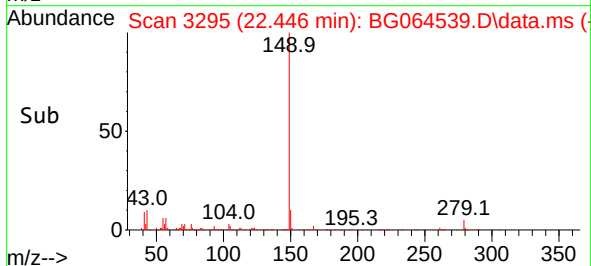
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



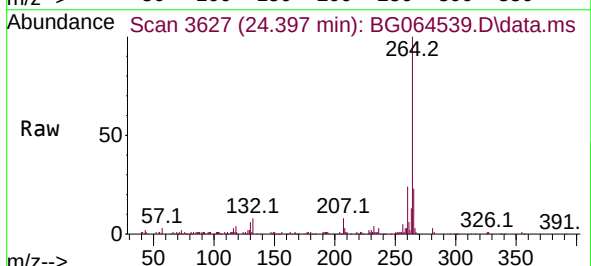
Tgt Ion:149 Resp: 313562
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.2 7.9 11.9

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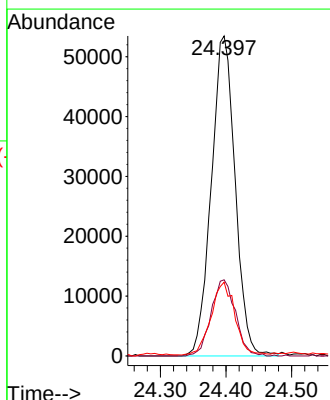
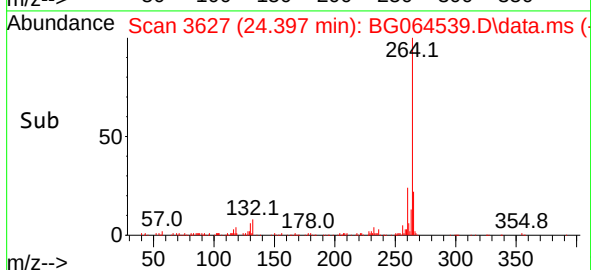
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

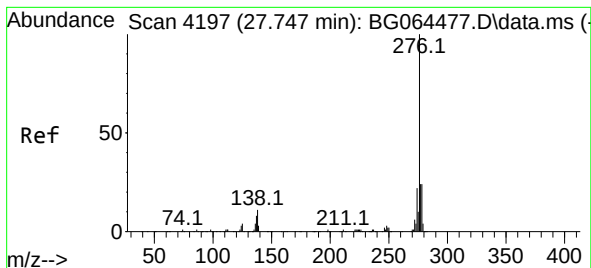


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3627
Delta R.T. 0.008 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10



Tgt Ion:264 Resp: 135091
Ion Ratio Lower Upper
264 100
260 23.8 16.2 24.4
265 23.0 15.0 22.4#





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.084 ng

RT: 27.764 min Scan# 4197

Delta R.T. 0.031 min

Lab File: BG064539.D

Acq: 17 Oct 2025 17:10

Instrument :

BNA_G

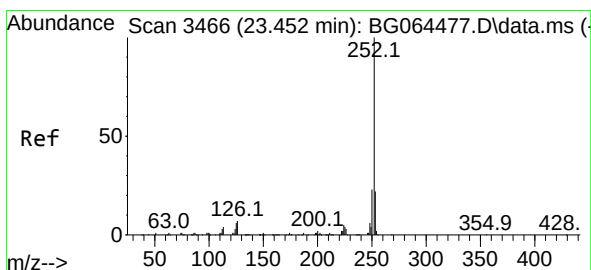
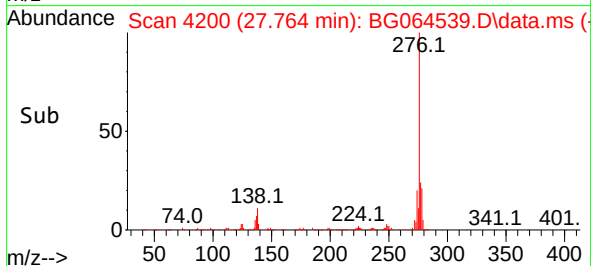
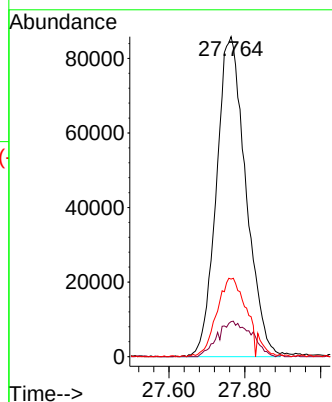
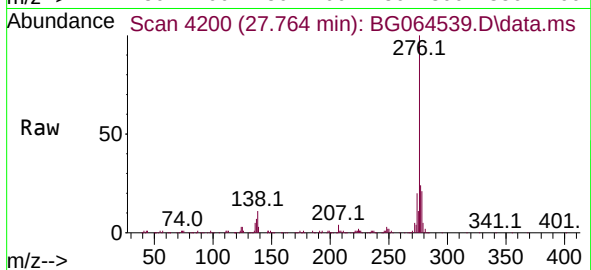
ClientSampleId :

COMP01-20251015MS

Tgt Ion:276 Resp: 461542
 Ion Ratio Lower Upper
 276 100
 138 12.8 10.8 16.2
 277 23.9 20.3 30.5

Manual Integrations
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Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025



#88

Benzo(b)fluoranthene

Concen: 49.912 ng

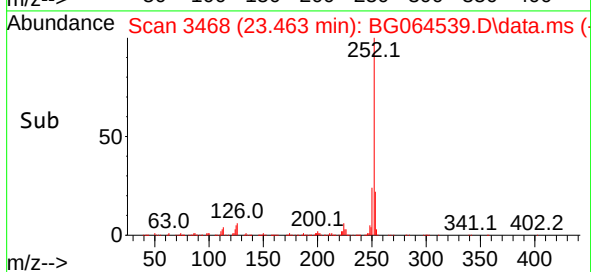
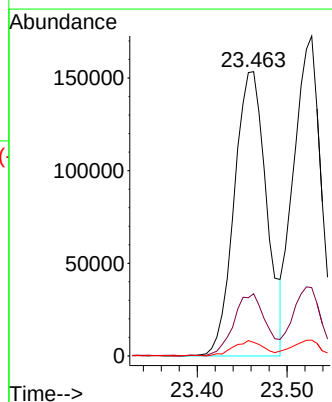
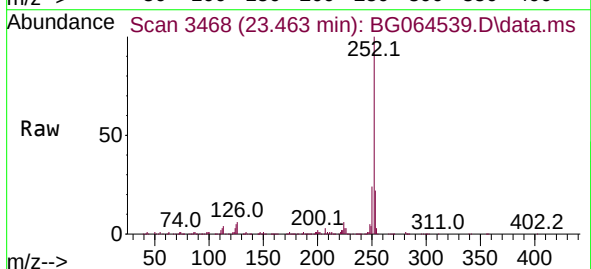
RT: 23.463 min Scan# 3468

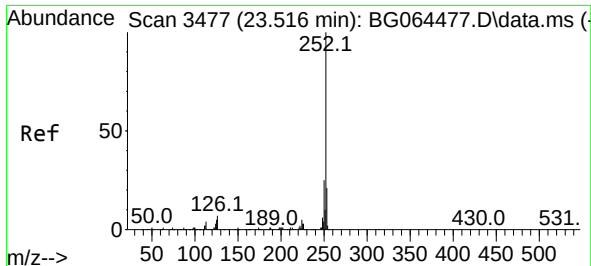
Delta R.T. 0.014 min

Lab File: BG064539.D

Acq: 17 Oct 2025 17:10

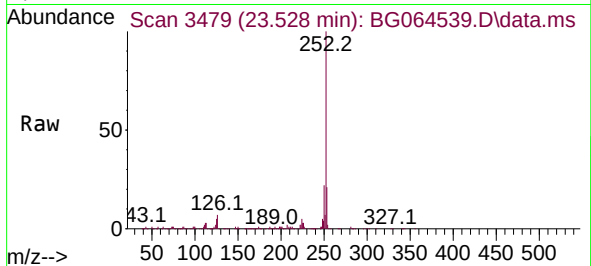
Tgt Ion:252 Resp: 383587
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 4.8 4.5 6.7





#89
Benzo(k)fluoranthene
Concen: 47.311 ng
RT: 23.528 min Scan# 3477
Delta R.T. 0.020 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

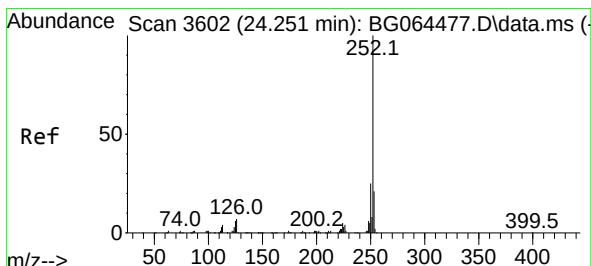
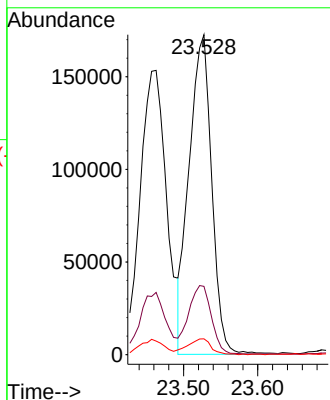
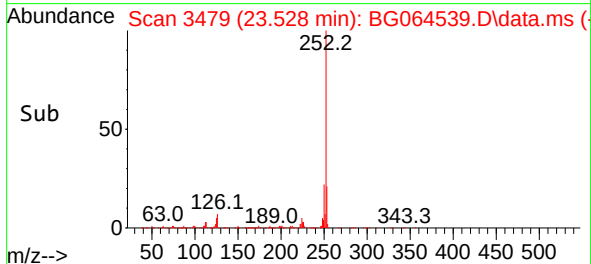
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:252 Resp: 366203
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 4.9 4.0 6.0

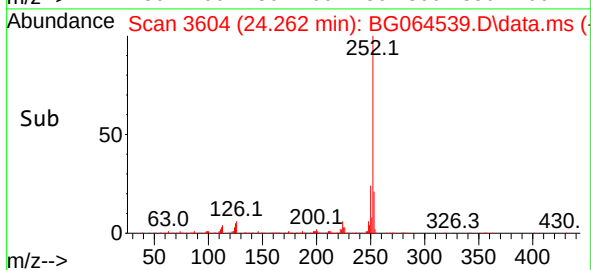
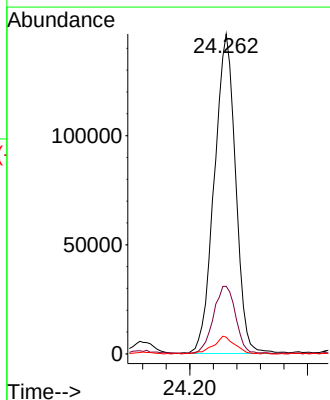
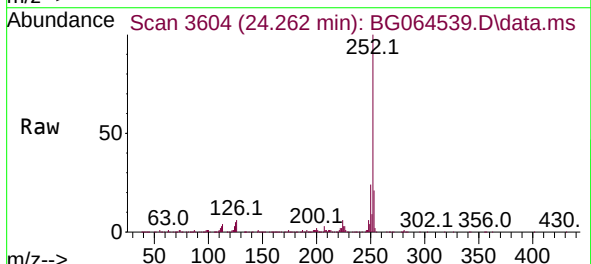
Manual Integrations
APPROVED

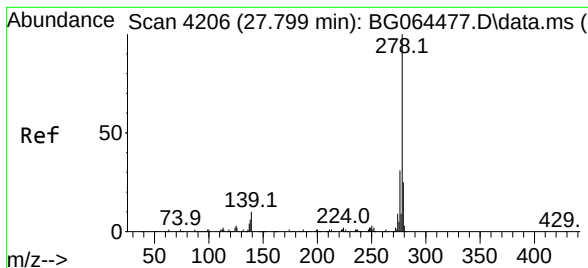
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#90
Benzo(a)pyrene
Concen: 51.958 ng
RT: 24.262 min Scan# 3604
Delta R.T. 0.014 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

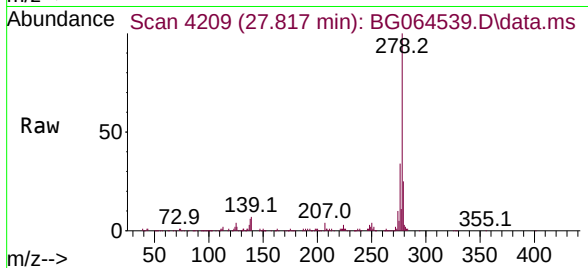
Tgt Ion:252 Resp: 368019
Ion Ratio Lower Upper
252 100
253 21.1 17.1 25.7
125 5.2 4.6 6.8





#91
Dibenzo(a,h)anthracene
Concen: 49.001 ng
RT: 27.817 min Scan# 41
Delta R.T. 0.037 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

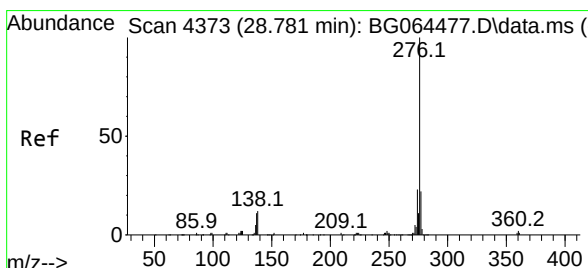
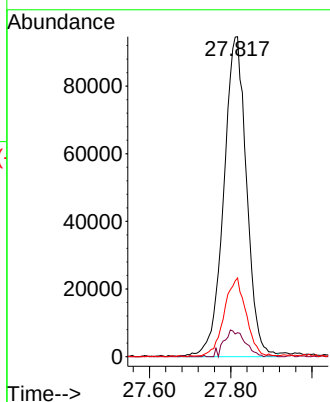
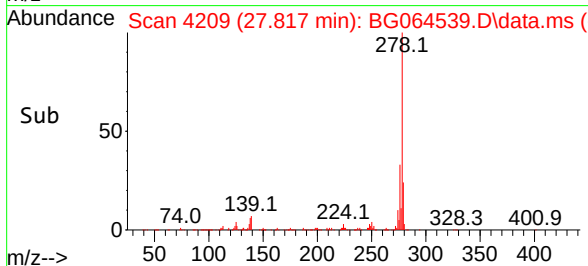
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MS



Tgt Ion:278 Resp: 368482
Ion Ratio Lower Upper
278 100
139 7.5 8.2 12.2
279 24.6 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#92
Benzo(g,h,i)perylene
Concen: 51.406 ng
RT: 28.810 min Scan# 4378
Delta R.T. 0.043 min
Lab File: BG064539.D
Acq: 17 Oct 2025 17:10

Tgt Ion:276 Resp: 375662
Ion Ratio Lower Upper
276 100
277 24.9 17.8 26.6
138 9.6 9.4 14.0

