

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
 Data File : BG064547.D
 Acq On : 20 Oct 2025 12:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/21/2025
 Supervised By :Jagrut Upadhyay 10/21/2025

Quant Time: Oct 20 16:36:23 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	7.817	152	12980	20.000	ng	0.00
21) Naphthalene-d8	10.607	136	58801	20.000	ng	# 0.00
39) Acenaphthene-d10	14.444	164	45965	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	112639	20.000	ng	0.00
76) Chrysene-d12	21.418	240	113403	20.000	ng	0.00
86) Perylene-d12	24.403	264	125032	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	62014	88.419	ng	0.00
7) Phenol-d6	7.000	99	83578	88.675	ng	0.01
23) Nitrobenzene-d5	8.974	82	94792	86.682	ng	0.00
42) 2,4,6-Tribromophenol	15.942	330	72187	86.640	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	267175	85.677	ng	0.00
79) Terphenyl-d14	19.808	244	514123	85.798	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	9778	35.246	ng	92
3) Pyridine	3.715	79	22435	30.091	ng	90
4) n-Nitrosodimethylamine	3.627	42	22126	40.937	ng	# 84
6) Aniline	7.147	93	53888	45.327	ng	97
8) 2-Chlorophenol	7.388	128	37614	43.674	ng	97
9) Benzaldehyde	6.965	77	36156	43.215	ng	93
10) Phenol	7.029	94	42594	42.839	ng	92
11) bis(2-Chloroethyl)ether	7.247	93	28339	42.087	ng	95
12) 1,3-Dichlorobenzene	7.711	146	41865	44.437	ng	89
13) 1,4-Dichlorobenzene	7.858	146	41670	44.070	ng	93
14) 1,2-Dichlorobenzene	8.169	146	40313	43.259	ng	95
15) Benzyl Alcohol	8.057	79	39179	45.138	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.339	45	40888	37.672	ng	98
17) 2-Methylphenol	8.269	107	32231	44.767	ng	96
18) Hexachloroethane	8.892	117	16062	43.036	ng	89
19) n-Nitroso-di-n-propyla...	8.621	70	28682	45.502	ng	# 91
20) 3+4-Methylphenols	8.598	107	43764	43.559	ng	95
22) Acetophenone	8.639	105	61862	43.451	ng	# 94
24) Nitrobenzene	9.021	77	45681	41.889	ng	97
25) Isophorone	9.538	82	83098	41.946	ng	# 94
26) 2-Nitrophenol	9.726	139	23843	43.930	ng	97
27) 2,4-Dimethylphenol	9.791	122	36645	44.205	ng	97
28) bis(2-Chloroethoxy)met...	10.020	93	42902	42.484	ng	99
29) 2,4-Dichlorophenol	10.267	162	42122	43.940	ng	98
30) 1,2,4-Trichlorobenzene	10.472	180	45818	43.835	ng	97
31) Naphthalene	10.660	128	131618	43.468	ng	97
32) Benzoic acid	9.961	122	26292	41.310	ng	93
33) 4-Chloroaniline	10.766	127	48497	41.738	ng	95
34) Hexachlorobutadiene	10.942	225	39674	44.321	ng	97
35) Caprolactam	11.559	113	13863	42.243	ng	99
36) 4-Chloro-3-methylphenol	11.906	107	50241	43.097	ng	98
37) 2-Methylnaphthalene	12.270	142	98977	42.584	ng	95
38) 1-Methylnaphthalene	12.488	142	97763	42.182	ng	# 95
40) 1,2,4,5-Tetrachloroben...	12.640	216	61472	41.420	ng	95
41) Hexachlorocyclopentadiene	12.623	237	34940	45.006	ng	92
43) 2,4,6-Trichlorophenol	12.887	196	43274m	45.612	ng	

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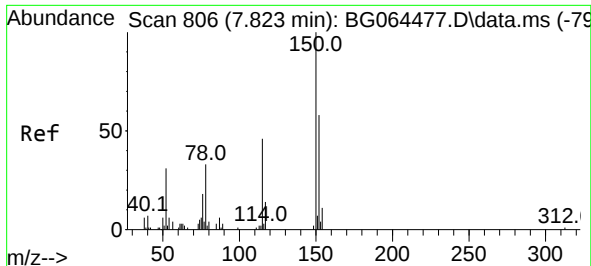
Manual Integrations
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Quant Time: Oct 20 16:36:23 2025
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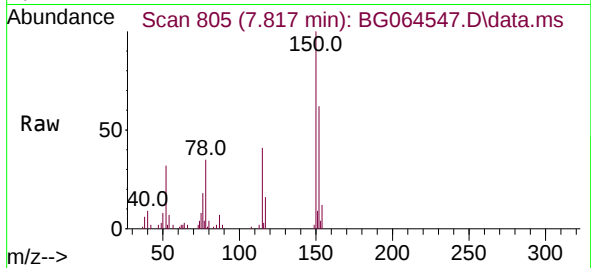
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	44631	42.137	ng	99
46) 1,1'-Biphenyl	13.281	154	137212	41.504	ng	100
47) 2-Chloronaphthalene	13.322	162	104440	42.313	ng	96
48) 2-Nitroaniline	13.528	65	37118	44.061	ng	94
49) Acenaphthylene	14.168	152	158153	43.163	ng	97
50) Dimethylphthalate	13.909	163	152000	42.222	ng	98
51) 2,6-Dinitrotoluene	14.027	165	32112	42.820	ng	94
52) Acenaphthene	14.515	154	106658	41.898	ng	98
53) 3-Nitroaniline	14.362	138	29028	41.972	ng	87
54) 2,4-Dinitrophenol	14.567	184	18483	33.990	ng	92
55) Dibenzofuran	14.850	168	179871	42.794	ng	100
56) 4-Nitrophenol	14.685	139	20574	37.784	ng	89
57) 2,4-Dinitrotoluene	14.820	165	48459	42.271	ng	96
58) Fluorene	15.496	166	149180	42.692	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.079	232	46621	43.129	ng	97
60) Diethylphthalate	15.273	149	164785	42.669	ng	98
61) 4-Chlorophenyl-phenyle...	15.490	204	81170	42.549	ng	97
62) 4-Nitroaniline	15.519	138	31076	43.111	ng	95
63) Azobenzene	15.784	77	123898	41.425	ng	96
65) 4,6-Dinitro-2-methylph...	15.584	198	32740	41.746	ng	91
66) n-Nitrosodiphenylamine	15.707	169	127857	42.507	ng	97
67) 4-Bromophenyl-phenylether	16.383	248	57057	43.046	ng	96
68) Hexachlorobenzene	16.500	284	66733	43.997	ng	98
69) Atrazine	16.659	200	54086	40.416	ng	97
70) Pentachlorophenol	16.847	266	37971	42.817	ng	97
71) Phenanthrene	17.235	178	247916	42.087	ng	99
72) Anthracene	17.323	178	254501	43.067	ng	98
73) Carbazole	17.599	167	216198	42.326	ng	98
74) Di-n-butylphthalate	18.157	149	264589	42.433	ng	99
75) Fluoranthene	19.244	202	294741	41.884	ng	98
77) Benzidine	19.432	184	134588	47.695	ng	99
78) Pyrene	19.609	202	307402	41.769	ng	99
80) Butylbenzylphthalate	20.502	149	112428	43.094	ng	97
81) Benzo(a)anthracene	21.401	228	308599	42.619	ng	99
82) 3,3'-Dichlorobenzidine	21.324	252	103237	42.125	ng	98
83) Chrysene	21.465	228	291852	42.501	ng	96
84) Bis(2-ethylhexyl)phtha...	21.318	149	160868	43.703	ng	97
85) Di-n-octyl phthalate	22.446	149	271723	43.922	ng	99
87) Indeno(1,2,3-cd)pyrene	27.770	276	374535	43.035	ng	# 88
88) Benzo(b)fluoranthene	23.463	252	304295	42.780	ng	98
89) Benzo(k)fluoranthene	23.528	252	314452	43.893	ng	99
90) Benzo(a)pyrene	24.268	252	284628	43.417	ng	99
91) Dibenzo(a,h)anthracene	27.823	278	301308	43.292	ng	# 97
92) Benzo(g,h,i)perylene	28.821	276	289782	42.845	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.817 min Scan# 806
 Delta R.T. -0.003 min
 Lab File: BG064547.D
 Acq: 20 Oct 2025 12:44

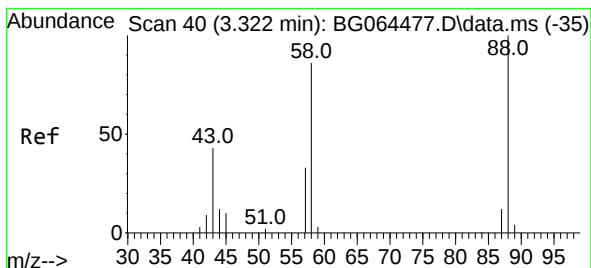
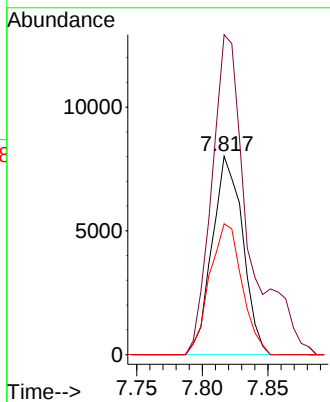
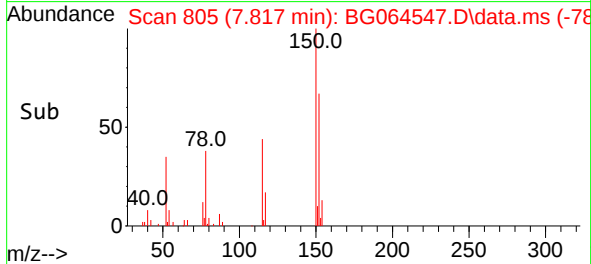
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



Tgt Ion: 152 Resp: 12980
 Ion Ratio Lower Upper
 152 100
 150 161.4 138.6 207.8
 115 66.0 63.4 95.2

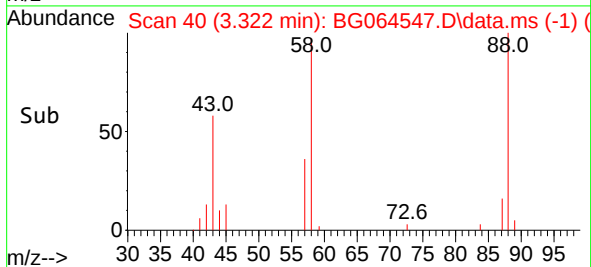
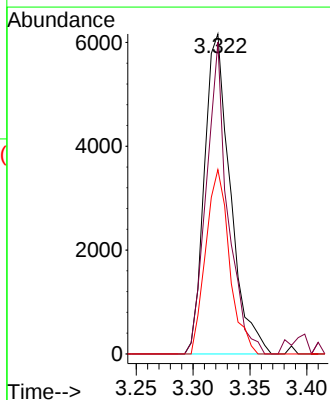
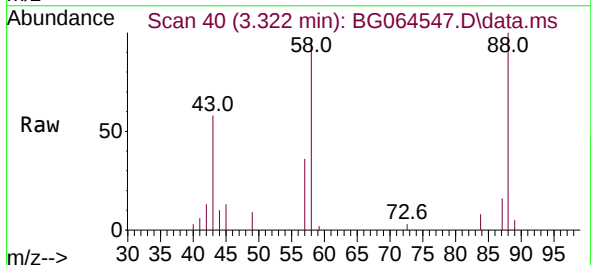
Manual Integrations
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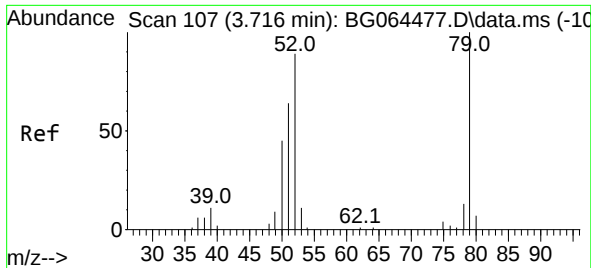
Reviewed By :Rahul Chavli 10/21/2025
 Supervised By :Jagrut Upadhyay 10/21/2025



#2
 1,4-Dioxane
 Concen: 35.246 ng
 RT: 3.322 min Scan# 40
 Delta R.T. 0.002 min
 Lab File: BG064547.D
 Acq: 20 Oct 2025 12:44

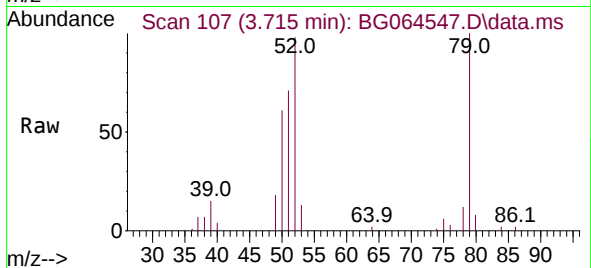
Tgt Ion: 88 Resp: 9778
 Ion Ratio Lower Upper
 88 100
 58 80.8 69.8 104.6
 43 52.7 37.4 56.0





#3
Pyridine
Concen: 30.091 ng
RT: 3.715 min Scan# 107
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

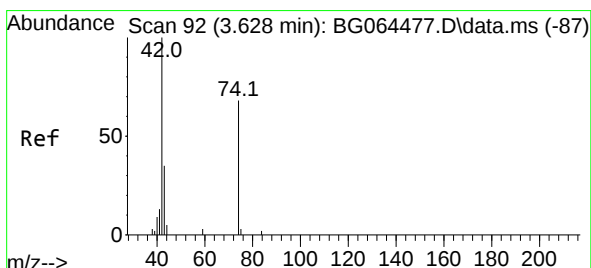
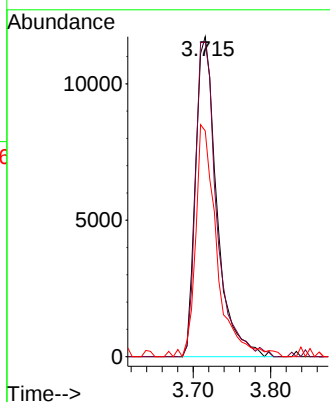
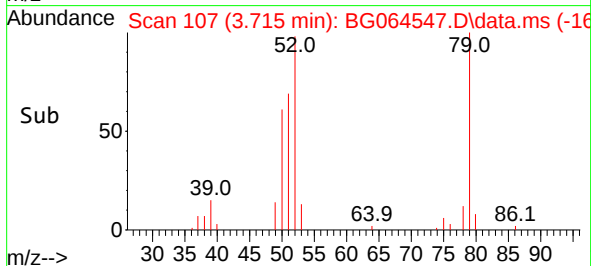
Instrument :
BNA_G
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SSTDCCC040



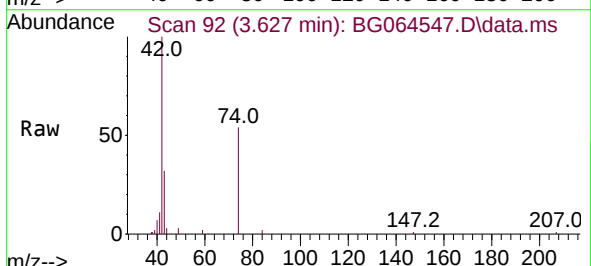
Tgt Ion: 79 Resp: 22435
Ion Ratio Lower Upper
79 100
52 98.3 71.0 106.4
51 70.5 51.0 76.6

Manual Integrations
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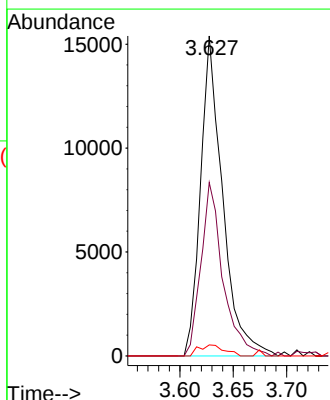
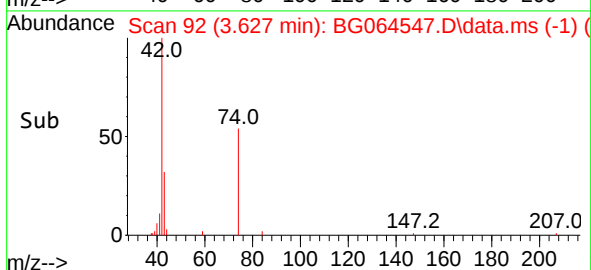
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Supervised By :Jagrut Upadhyay 10/21/2025

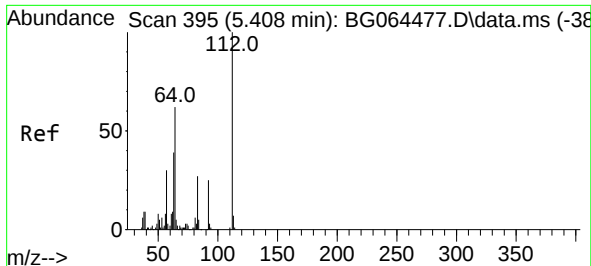


#4
n-Nitrosodimethylamine
Concen: 40.937 ng
RT: 3.627 min Scan# 92
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



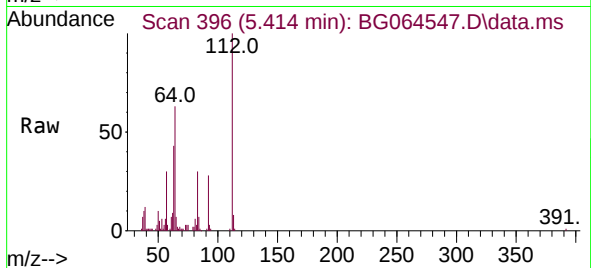
Tgt Ion: 42 Resp: 22126
Ion Ratio Lower Upper
42 100
74 54.2 54.2 81.4#
44 3.4 4.2 6.2#





#5
2-Fluorophenol
Concen: 88.419 ng
RT: 5.414 min Scan# 395
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

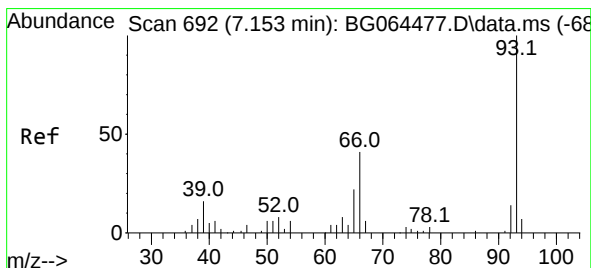
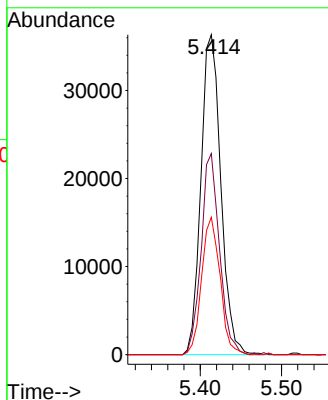
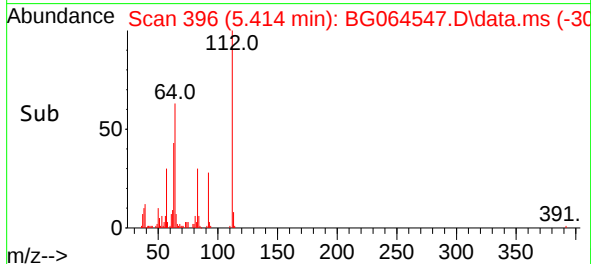
Instrument :
BNA_G
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SSTDCCC040



Tgt Ion:112 Resp: 62014
Ion Ratio Lower Upper
112 100
64 62.8 49.8 74.8
63 42.9 31.3 46.9

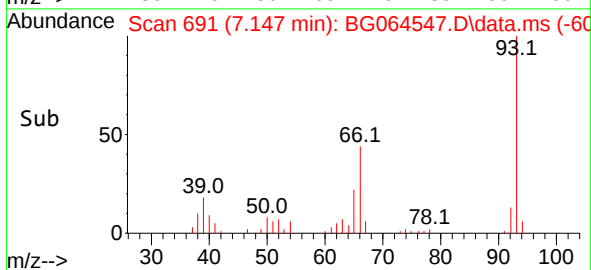
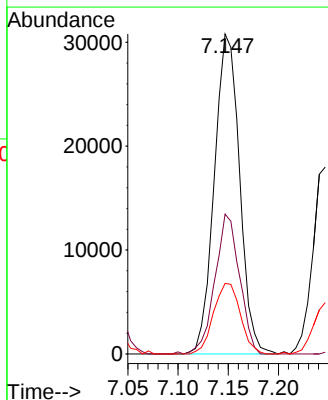
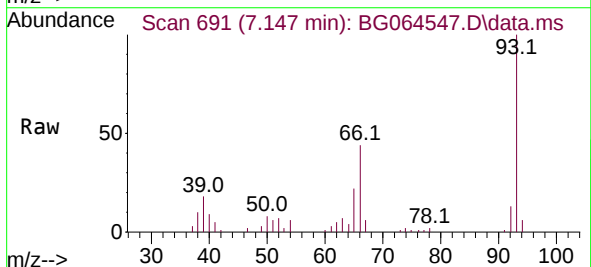
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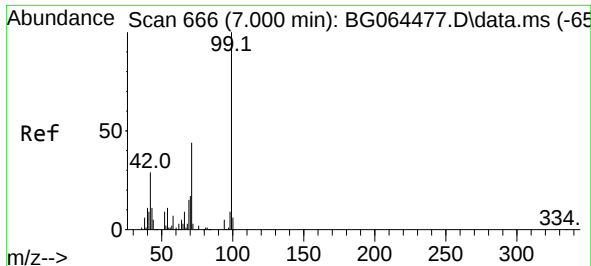
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#6
Aniline
Concen: 45.327 ng
RT: 7.147 min Scan# 691
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 93 Resp: 53888
Ion Ratio Lower Upper
93 100
66 43.7 33.0 49.4
65 22.0 17.5 26.3





#7
Phenol-d6
Concen: 88.675 ng
RT: 7.000 min Scan# 60
Delta R.T. 0.014 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

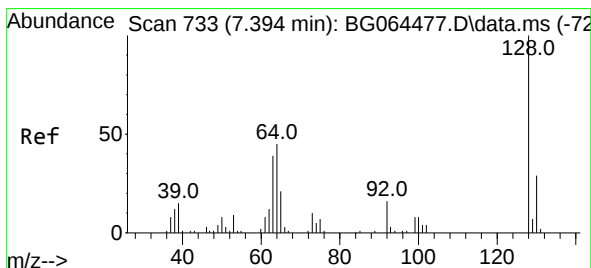
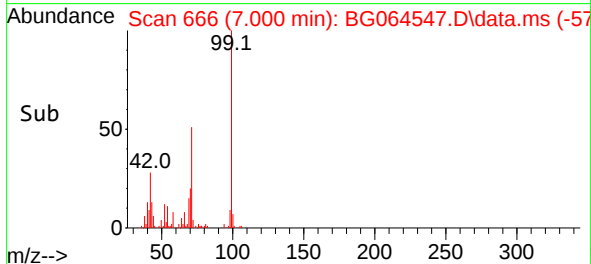
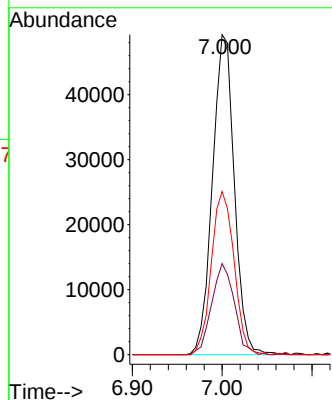
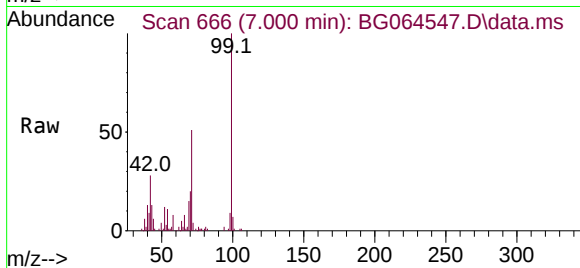
SSTDCCC040

Tgt Ion: 99 Resp: 83578
Ion Ratio Lower Upper
99 100
42 28.4 22.9 34.3
71 50.9 35.4 53.2

Manual Integrations

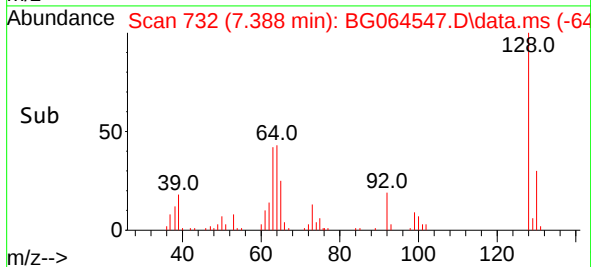
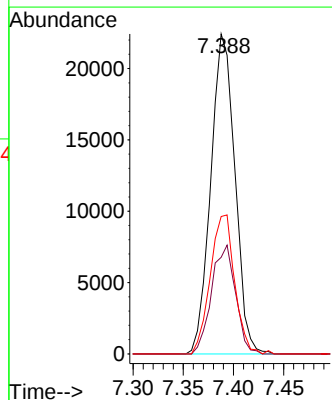
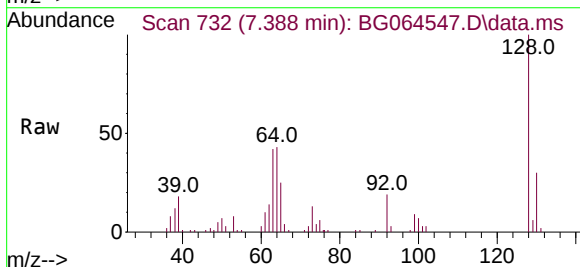
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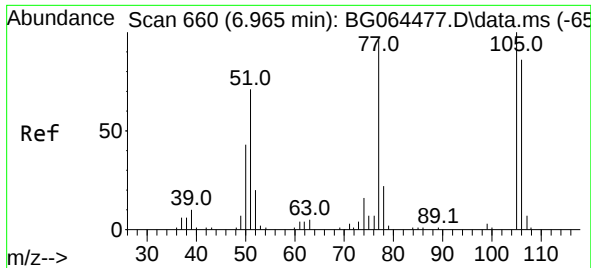
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#8
2-Chlorophenol
Concen: 43.674 ng
RT: 7.388 min Scan# 732
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:128 Resp: 37614
Ion Ratio Lower Upper
128 100
130 30.2 9.2 49.2
64 42.9 25.5 65.5





#9
Benzaldehyde
Concen: 43.215 ng
RT: 6.965 min Scan# 660
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

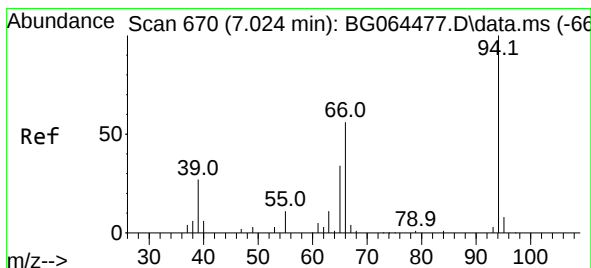
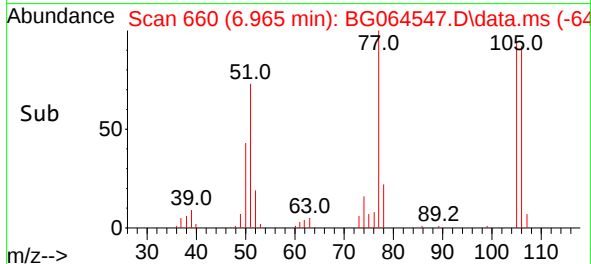
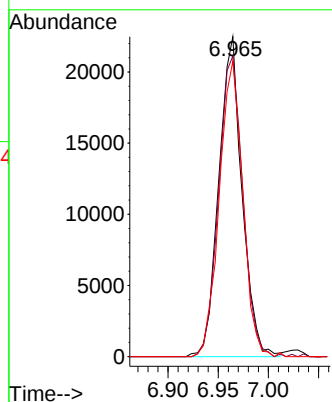
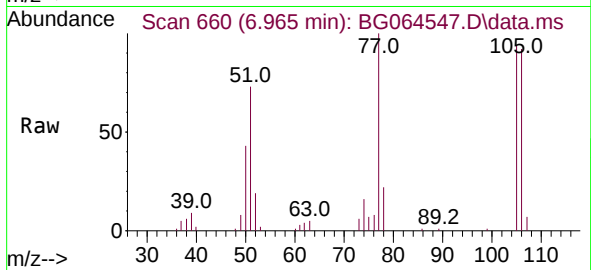
SSTDCCC040

Tgt Ion: 77 Resp: 36156
Ion Ratio Lower Upper
77 100
105 94.0 83.7 123.7
106 92.4 69.4 109.4

Manual Integrations

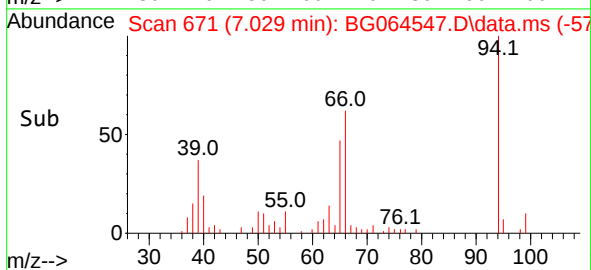
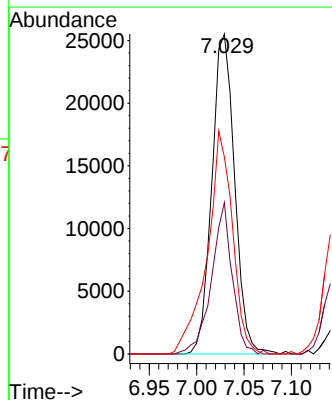
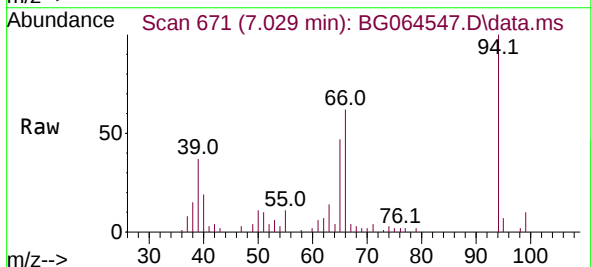
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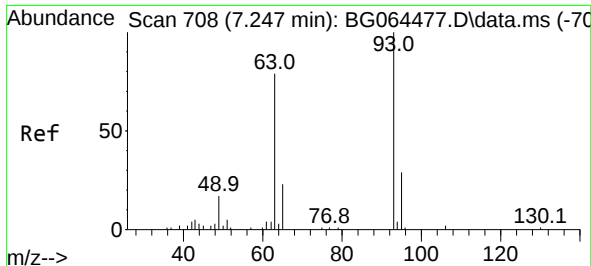
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#10
Phenol
Concen: 42.839 ng
RT: 7.029 min Scan# 671
Delta R.T. 0.014 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

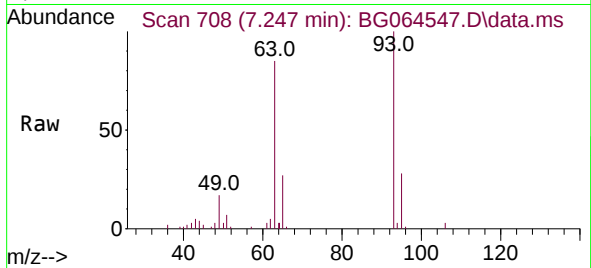
Tgt Ion: 94 Resp: 42594
Ion Ratio Lower Upper
94 100
65 47.3 14.8 54.8
66 61.5 41.4 81.4





#11
bis(2-Chloroethyl)ether
Concen: 42.087 ng
RT: 7.247 min Scan# 708
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

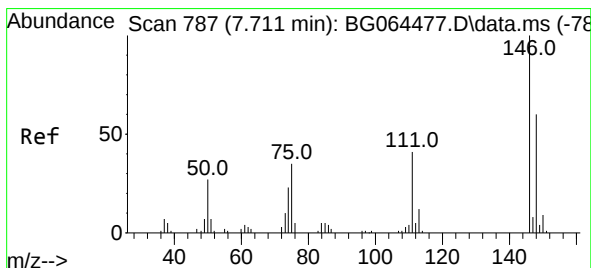
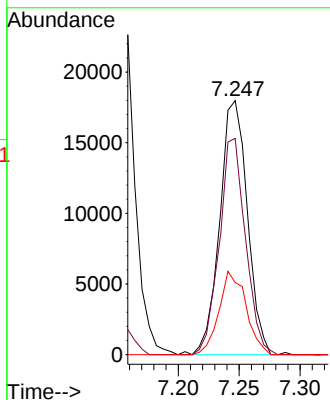
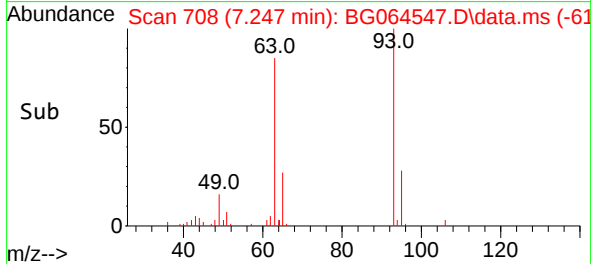
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



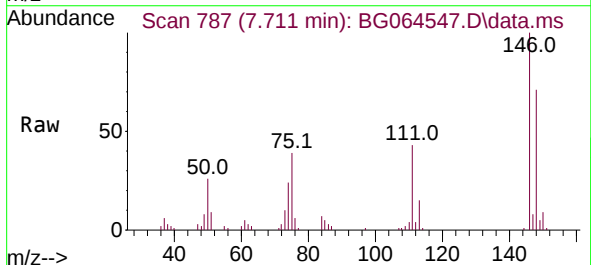
Tgt Ion: 93 Resp: 28339
Ion Ratio Lower Upper
93 100
63 85.1 59.5 99.5
95 28.4 8.8 48.8

Manual Integrations
APPROVED

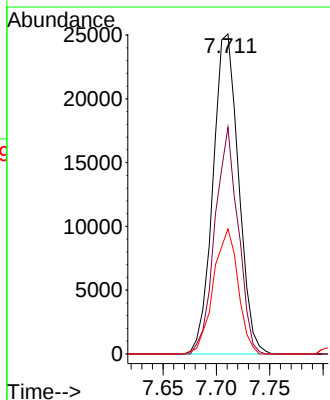
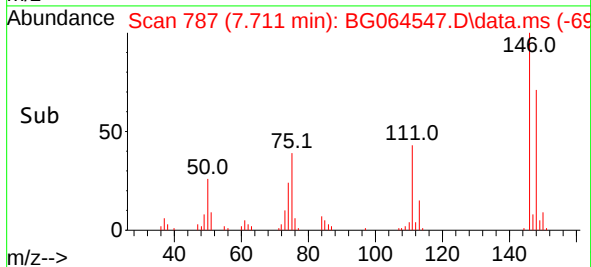
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

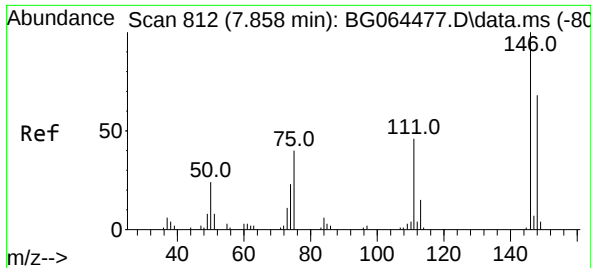


#12
1,3-Dichlorobenzene
Concen: 44.437 ng
RT: 7.711 min Scan# 787
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



Tgt Ion:146 Resp: 41865
Ion Ratio Lower Upper
146 100
148 70.8 48.4 72.6
75 39.1 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 44.070 ng

RT: 7.858 min Scan# 812

Delta R.T. 0.002 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

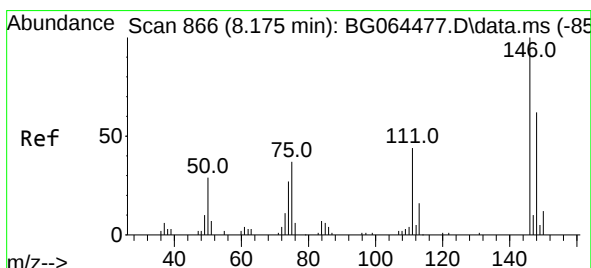
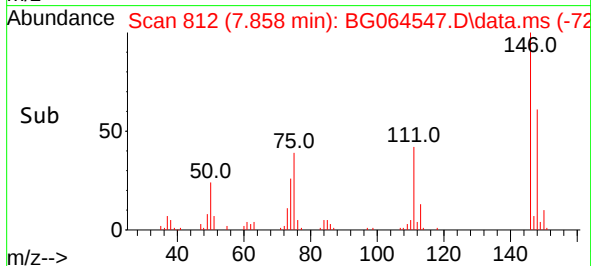
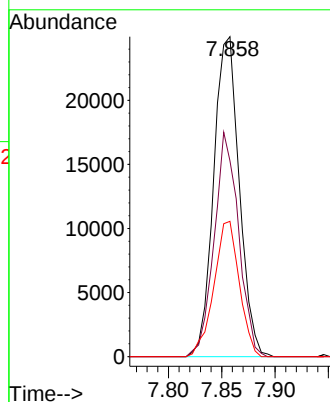
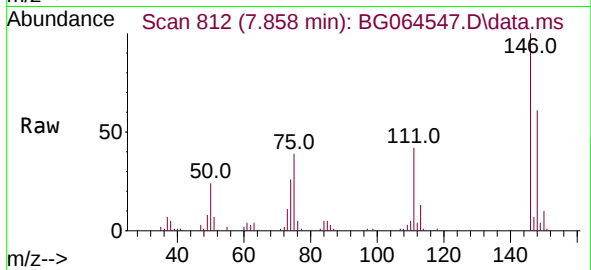
Tgt Ion:146 Resp: 41670
 Ion Ratio Lower Upper
 146 100
 148 61.2 54.4 81.6
 111 42.3 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#14

1,2-Dichlorobenzene

Concen: 43.259 ng

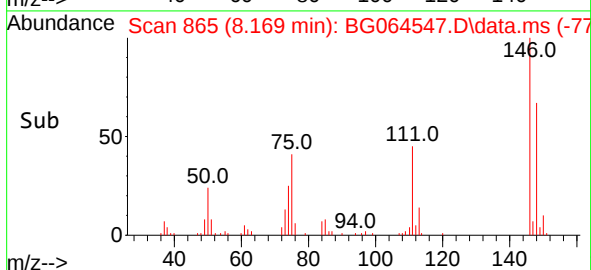
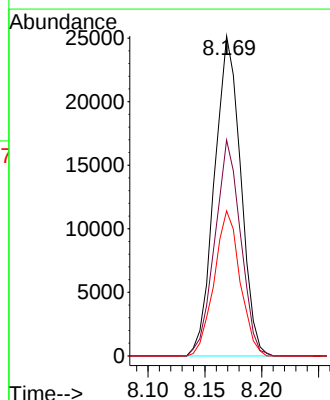
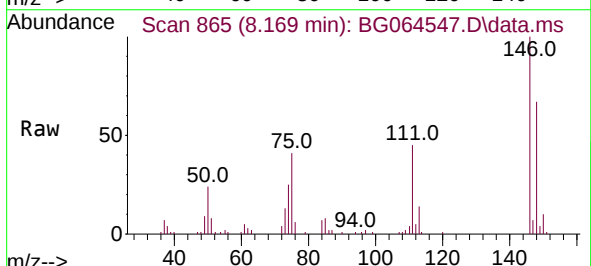
RT: 8.169 min Scan# 865

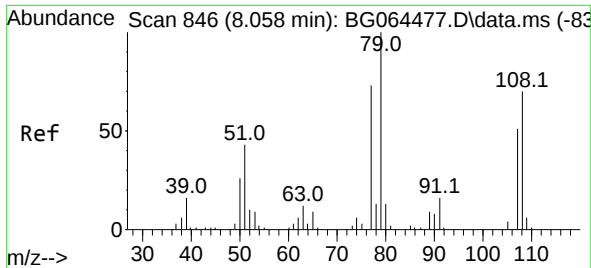
Delta R.T. -0.004 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Tgt Ion:146 Resp: 40313
 Ion Ratio Lower Upper
 146 100
 148 67.5 50.0 75.0
 111 45.3 35.0 52.4





#15
Benzyl Alcohol
Concen: 45.138 ng
RT: 8.057 min Scan# 84
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

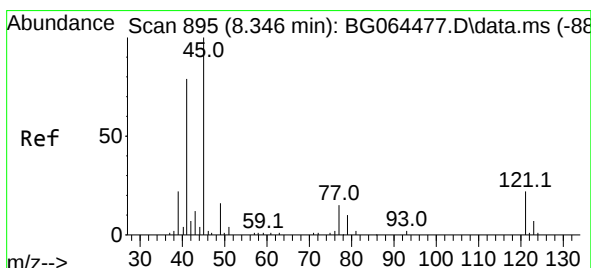
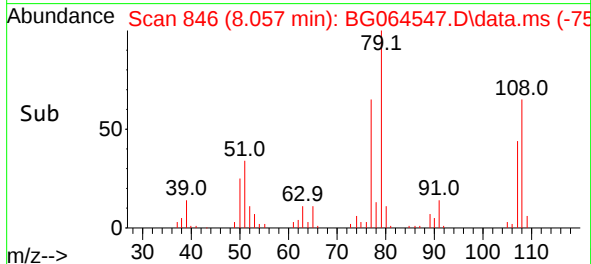
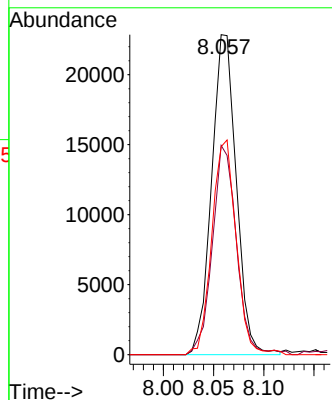
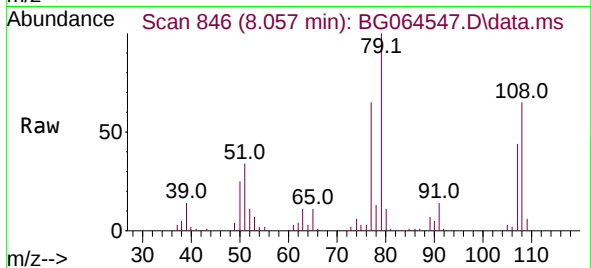
Tgt Ion: 79 Resp: 39179
Ion Ratio Lower Upper
79 100
108 65.4 56.4 84.6
77 65.0 58.3 87.5

Manual Integrations

APPROVED

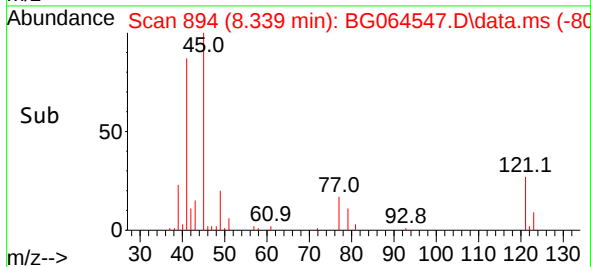
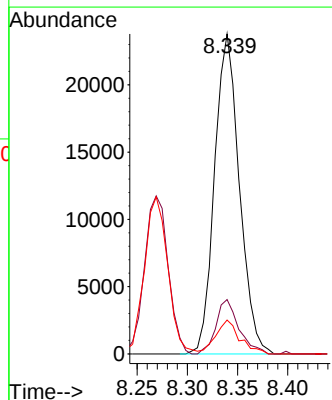
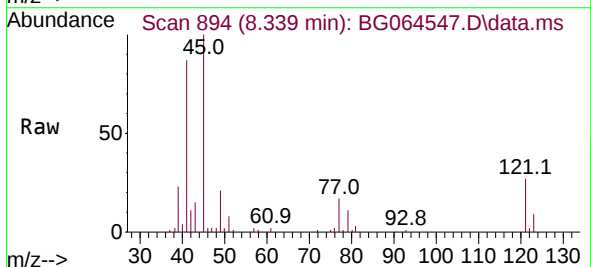
Reviewed By :Rahul Chavli 10/21/2025

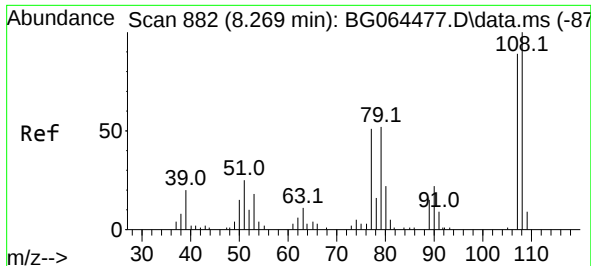
Supervised By :Jagrut Upadhyay 10/21/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.672 ng
RT: 8.339 min Scan# 894
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 45 Resp: 40888
Ion Ratio Lower Upper
45 100
77 17.0 0.0 35.6
79 10.6 0.0 30.7





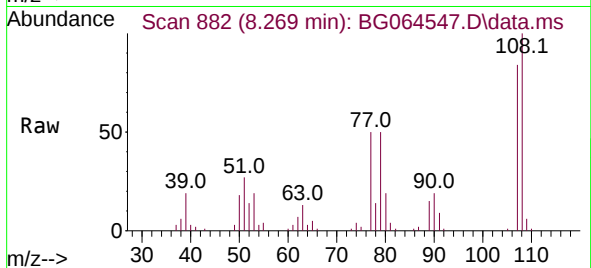
#17
2-Methylphenol
Concen: 44.767 ng
RT: 8.269 min Scan# 882
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

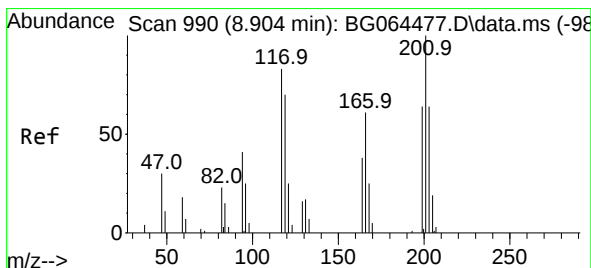
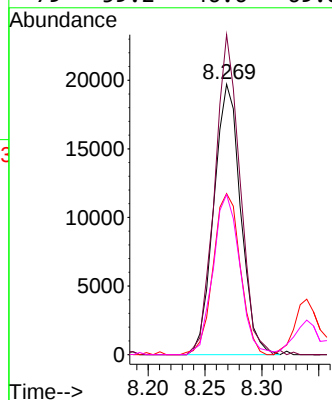
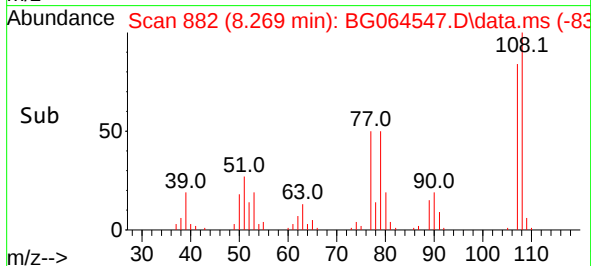


Tgt Ion:107 Resp: 32231
Ion Ratio Lower Upper
107 100
108 118.4 90.3 135.5
77 59.6 46.0 69.0
79 59.2 46.6 69.8

Manual Integrations

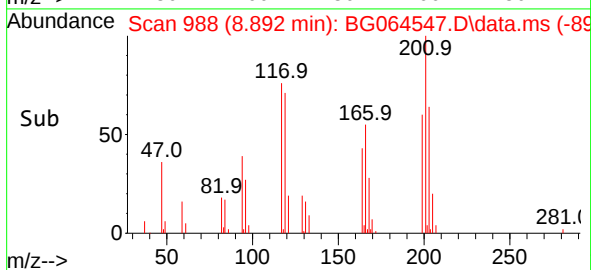
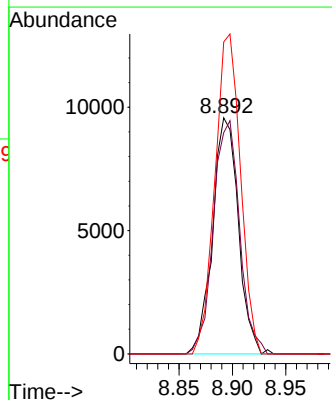
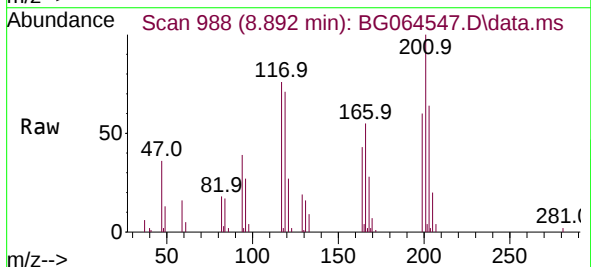
APPROVED

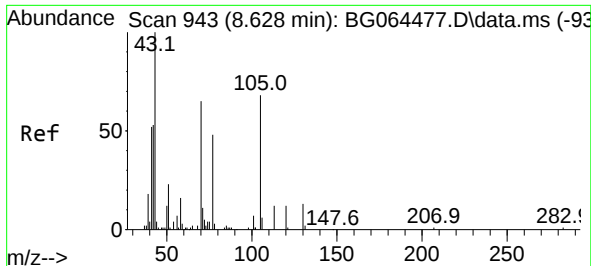
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#18
Hexachloroethane
Concen: 43.036 ng
RT: 8.892 min Scan# 988
Delta R.T. -0.004 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

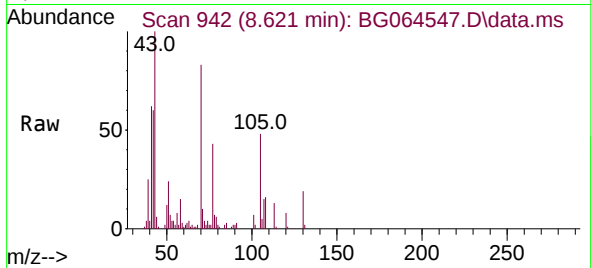
Tgt Ion:117 Resp: 16062
Ion Ratio Lower Upper
117 100
119 93.7 67.4 101.0
201 132.2 95.9 143.9





#19
n-Nitroso-di-n-propylamine
Concen: 45.502 ng
RT: 8.621 min Scan# 943
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

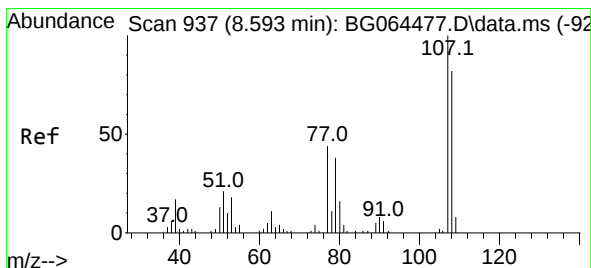
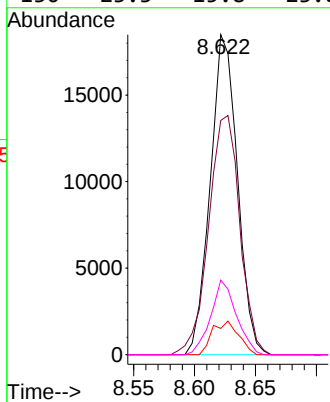
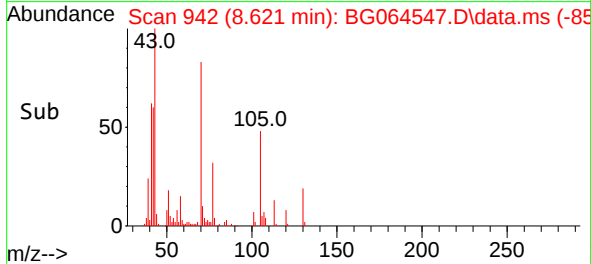
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 28682
Ion Ratio Lower Upper
70 100
42 73.2 64.9 97.3
101 8.2 8.7 13.1
130 23.3 15.8 23.8

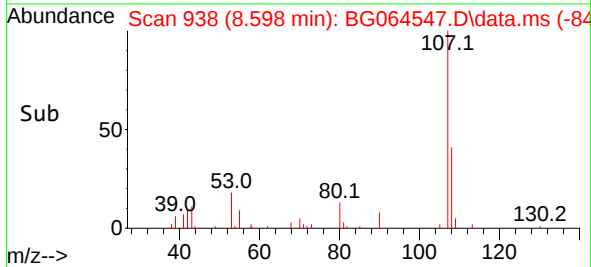
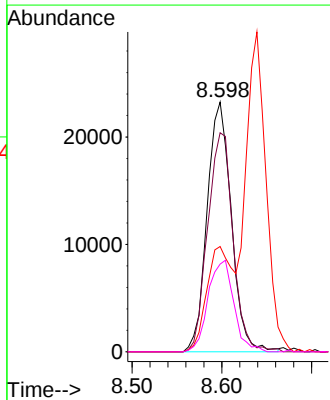
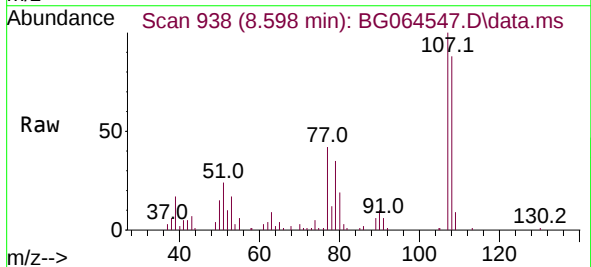
Manual Integrations
APPROVED

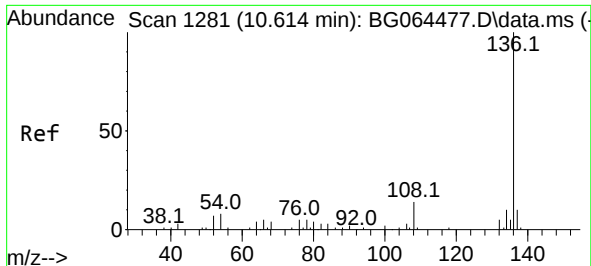
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#20
3+4-Methylphenols
Concen: 43.559 ng
RT: 8.598 min Scan# 938
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:107 Resp: 43764
Ion Ratio Lower Upper
107 100
108 87.7 62.1 102.1
77 42.2 23.5 63.5
79 35.1 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.607 min Scan# 1280
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

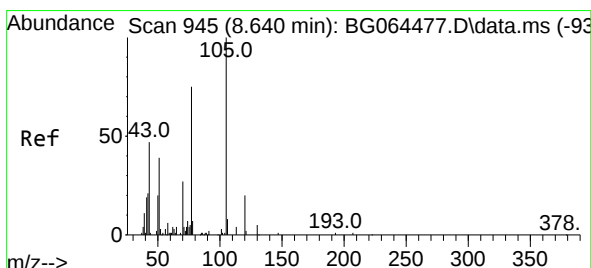
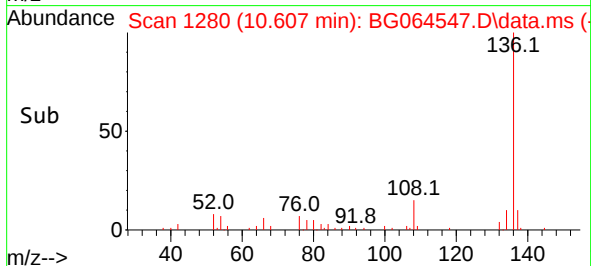
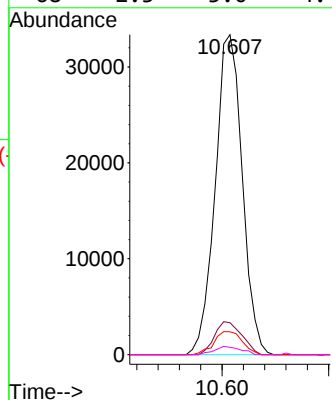
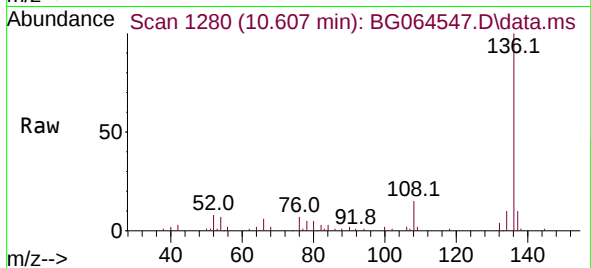
SSTDCCC040

Tgt Ion:136 Resp: 58801
Ion Ratio Lower Upper
136 100
137 10.0 8.3 12.5
54 7.1 6.2 9.4
68 2.3 3.0 4.4#

Manual Integrations

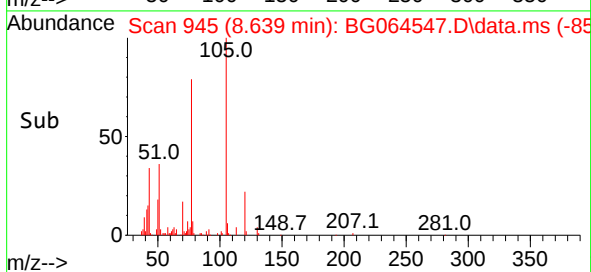
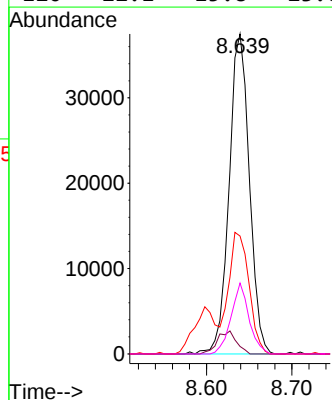
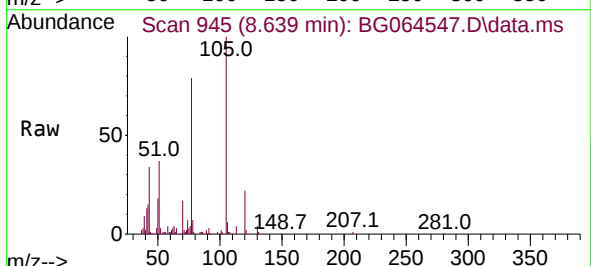
APPROVED

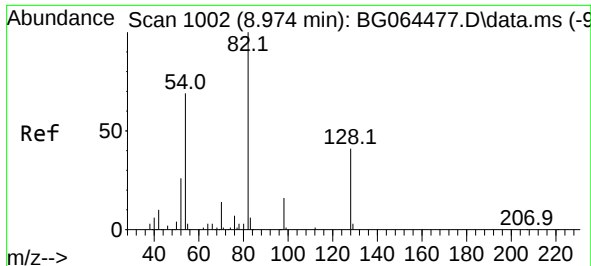
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#22
Acetophenone
Concen: 43.451 ng
RT: 8.639 min Scan# 945
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

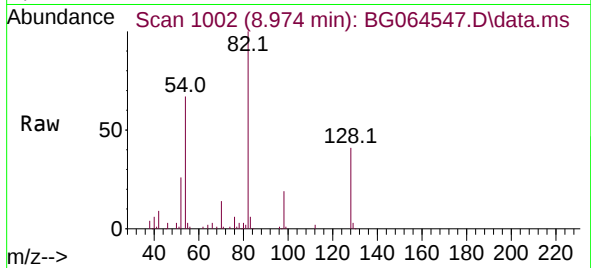
Tgt Ion:105 Resp: 61862
Ion Ratio Lower Upper
105 100
71 2.3 2.8 4.2#
51 36.8 33.0 49.4
120 22.1 15.8 23.6





#23
Nitrobenzene-d5
Concen: 86.682 ng
RT: 8.974 min Scan# 1002
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

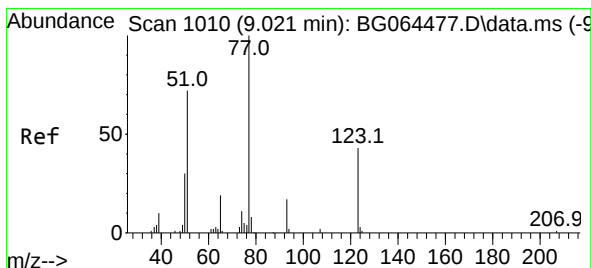
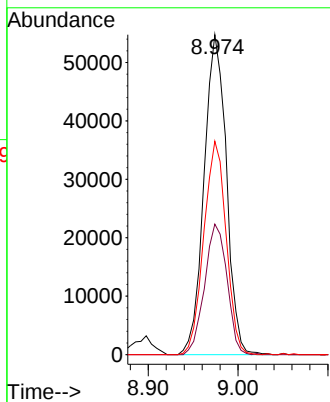
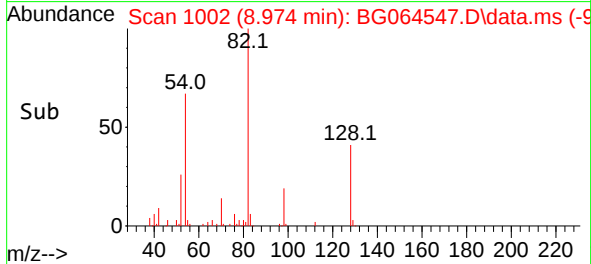
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 94792
Ion Ratio Lower Upper
82 100
128 40.8 33.1 49.7
54 66.7 55.4 83.2

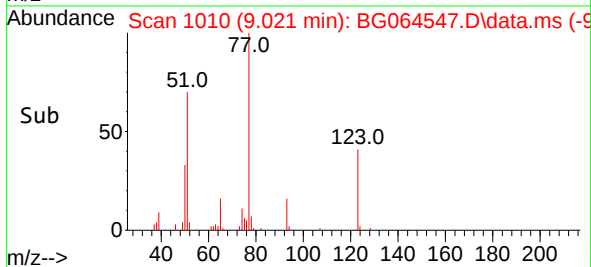
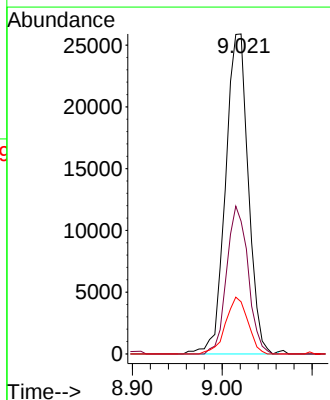
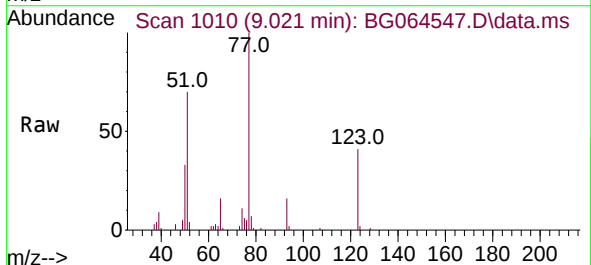
Manual Integrations
APPROVED

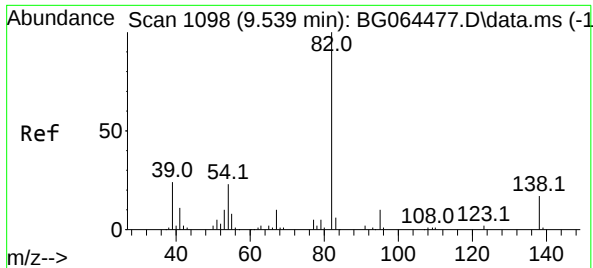
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#24
Nitrobenzene
Concen: 41.889 ng
RT: 9.021 min Scan# 1010
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 77 Resp: 45681
Ion Ratio Lower Upper
77 100
123 41.4 34.4 51.6
65 16.3 14.8 22.2





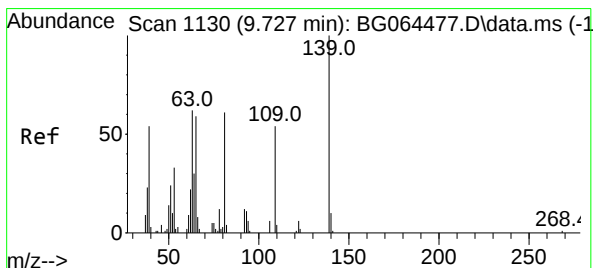
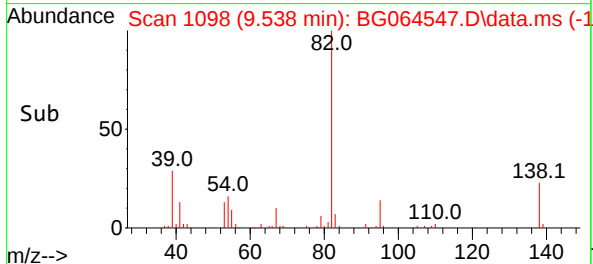
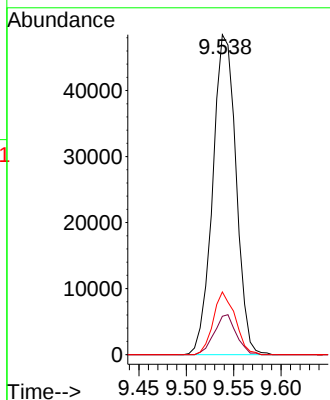
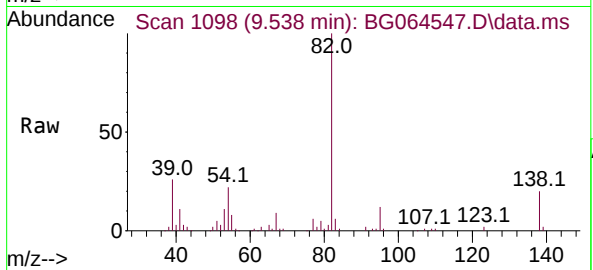
#25
Isophorone
Concen: 41.946 ng
RT: 9.538 min Scan# 1098
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 83098
Ion Ratio Lower Upper
82 100
95 12.0 7.8 11.8
138 19.6 13.8 20.6

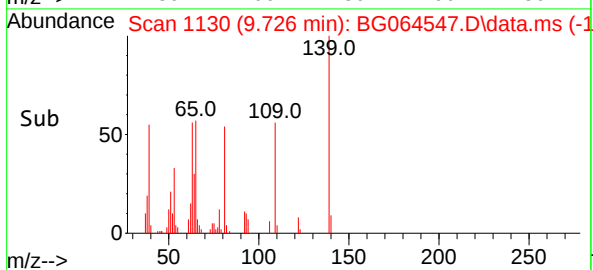
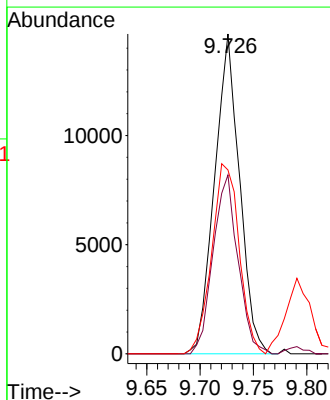
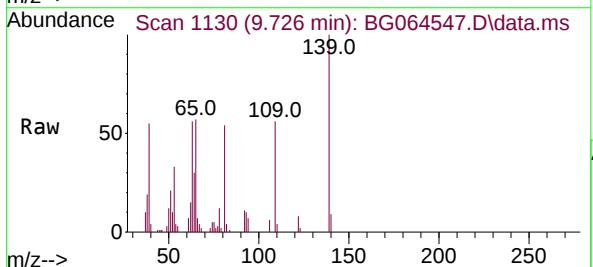
Manual Integrations
APPROVED

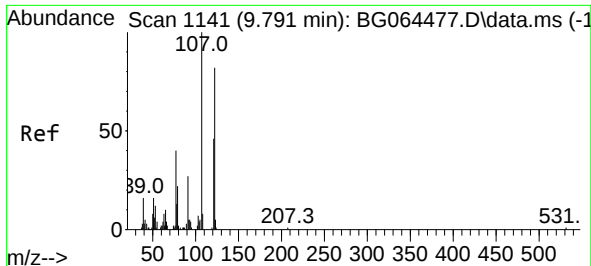
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#26
2-Nitrophenol
Concen: 43.930 ng
RT: 9.726 min Scan# 1130
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:139 Resp: 23843
Ion Ratio Lower Upper
139 100
109 55.9 43.0 64.6
65 57.5 47.4 71.2





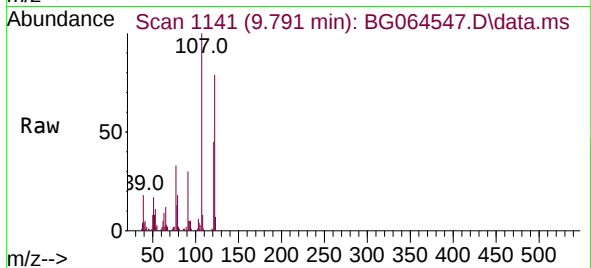
#27
2,4-Dimethylphenol
Concen: 44.205 ng
RT: 9.791 min Scan# 1141
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



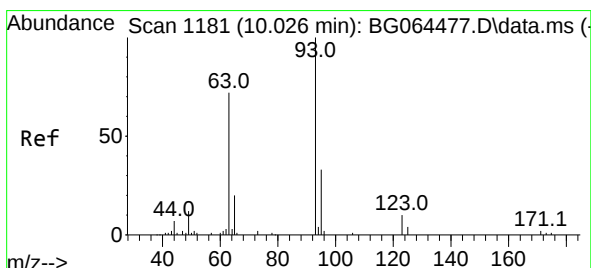
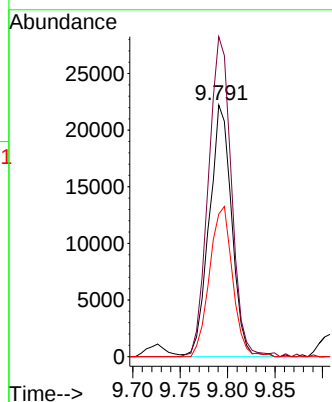
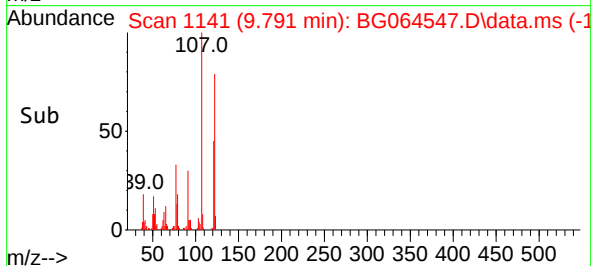
Tgt Ion:122 Resp: 36645
Ion Ratio Lower Upper
122 100
107 127.2 98.3 147.5
121 56.6 44.7 67.1

Manual Integrations

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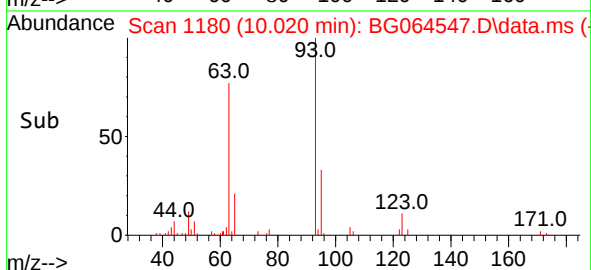
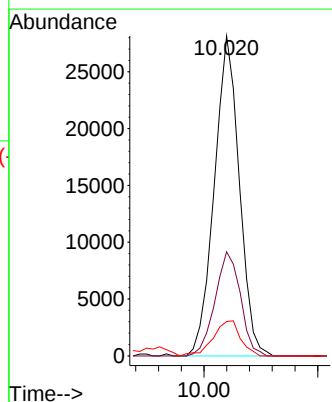
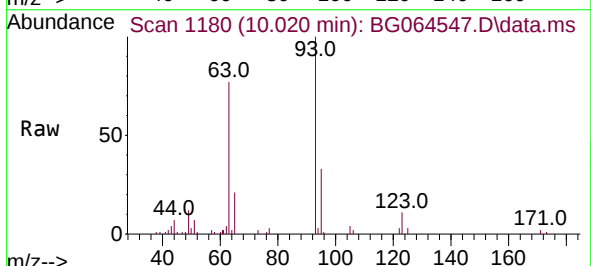
Reviewed By :Rahul Chavli 10/21/2025

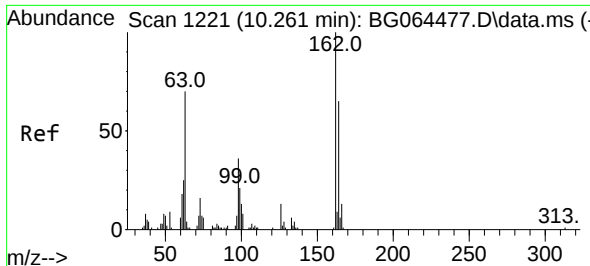
Supervised By :Jagrut Upadhyay 10/21/2025



#28
bis(2-Chloroethoxy)methane
Concen: 42.484 ng
RT: 10.020 min Scan# 1180
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 93 Resp: 42902
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 10.7 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 43.940 ng

RT: 10.267 min Scan# 1221

Delta R.T. 0.008 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

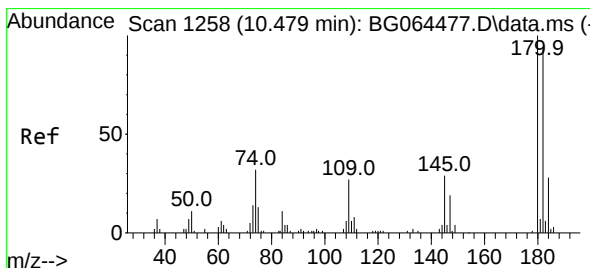
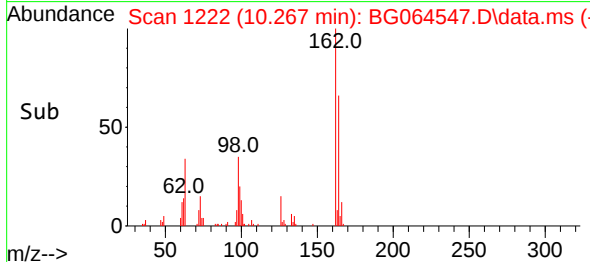
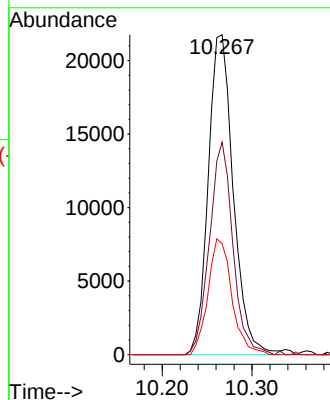
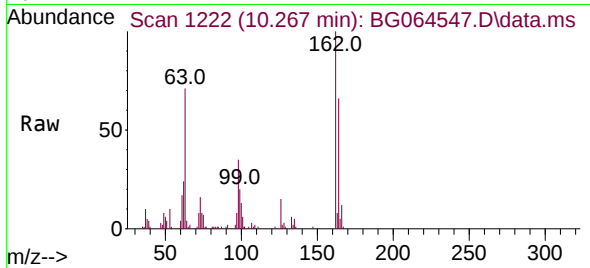
Tgt Ion:162	Resp:	4212
Ion Ratio	Lower	Upper
162	100	
164	66.4	45.4 85.4
98	34.7	16.4 56.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.835 ng

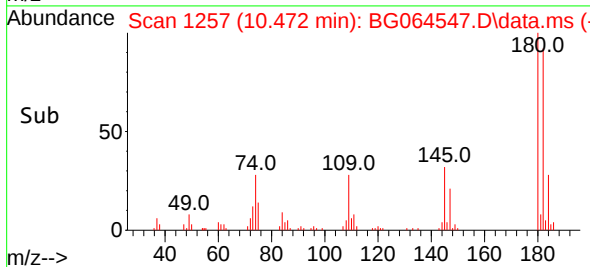
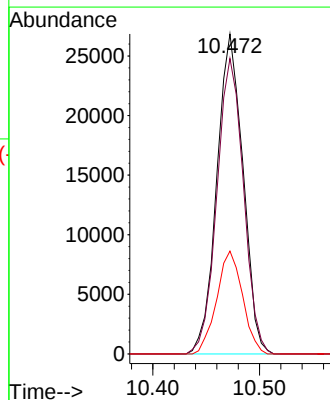
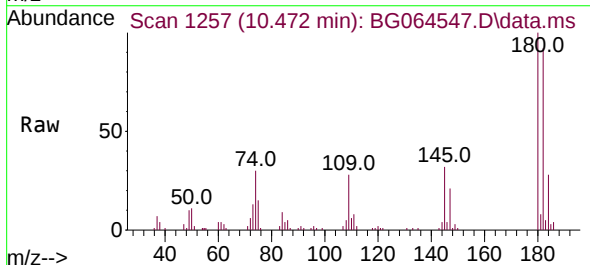
RT: 10.472 min Scan# 1257

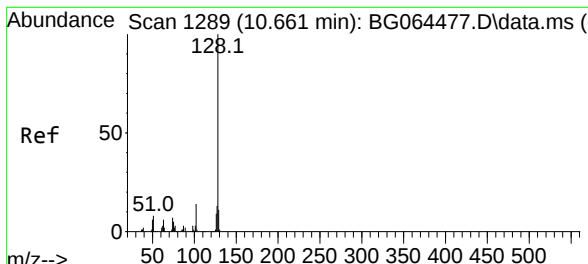
Delta R.T. 0.002 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Tgt Ion:180	Resp:	45818
Ion Ratio	Lower	Upper
180	100	
182	92.3	75.4 113.2
145	32.1	23.2 34.8





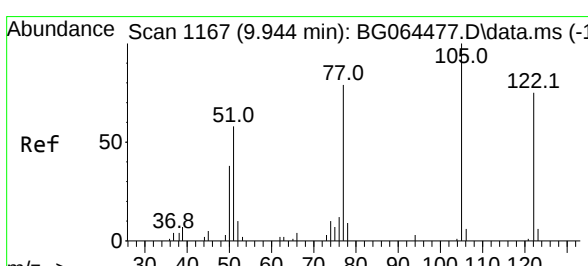
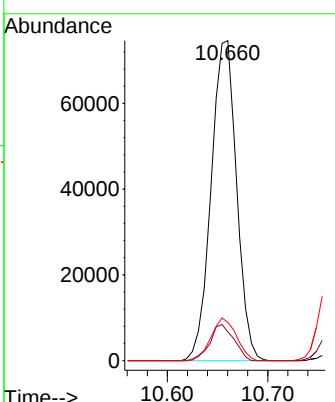
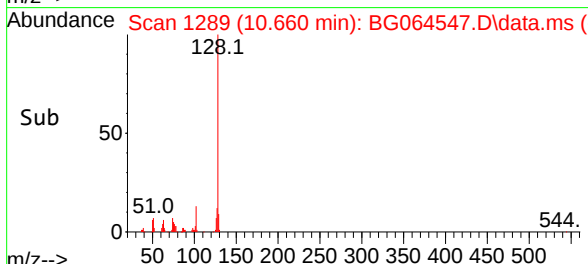
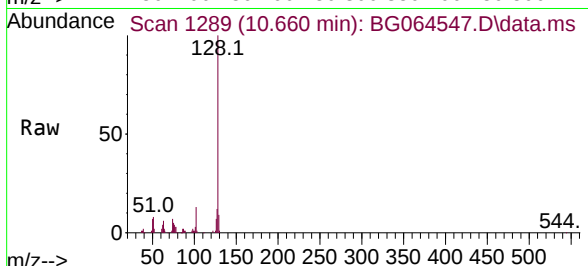
#31
Naphthalene
Concen: 43.468 ng
RT: 10.660 min Scan# 1289
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Tgt Ion:128 Resp: 131618

Ion	Ratio	Lower	Upper
128	100		
129	9.0	8.7	13.1
127	11.9	10.2	15.2

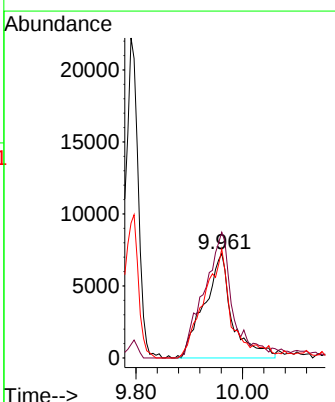
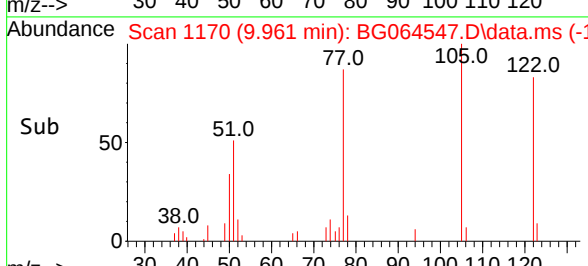
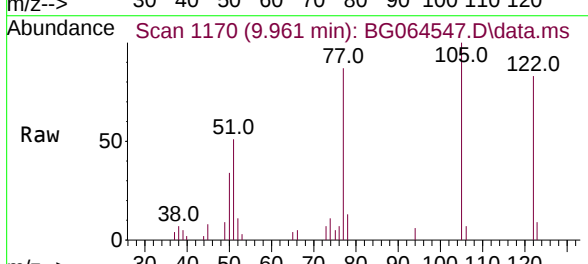
Manual Integrations
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Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

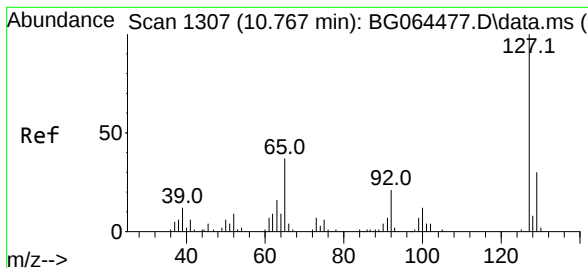


#32
Benzoic acid
Concen: 41.310 ng
RT: 9.961 min Scan# 1170
Delta R.T. 0.072 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:122 Resp: 26292

Ion	Ratio	Lower	Upper
122	100		
105	120.6	113.9	153.9
77	104.4	86.1	126.1





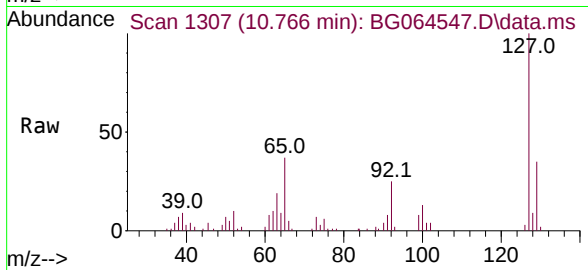
#33
4-Chloroaniline
Concen: 41.738 ng
RT: 10.766 min Scan# 1307
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



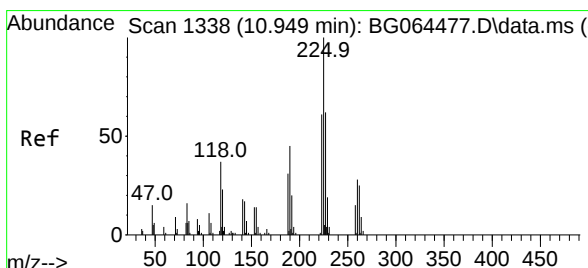
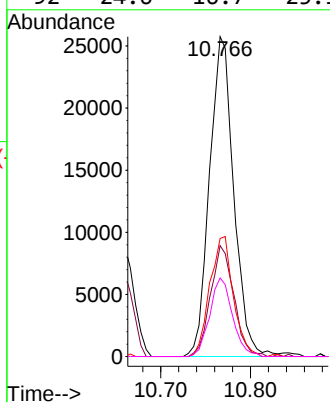
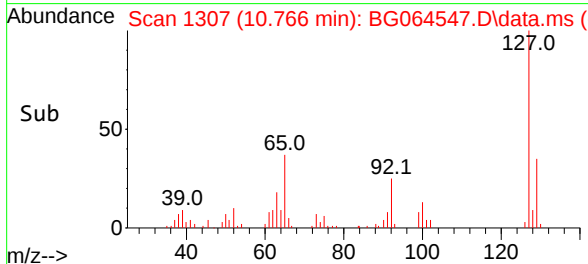
Tgt Ion:127 Resp: 48497
Ion Ratio Lower Upper
127 100
129 34.7 24.2 36.4
65 36.9 29.6 44.4
92 24.6 16.7 25.1

Manual Integrations

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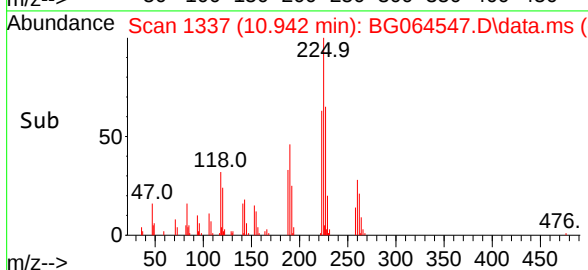
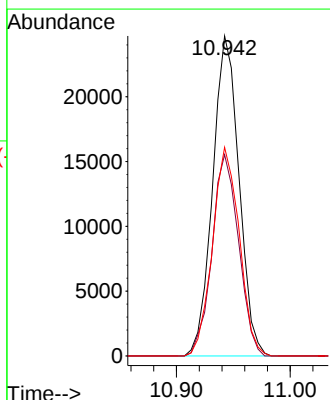
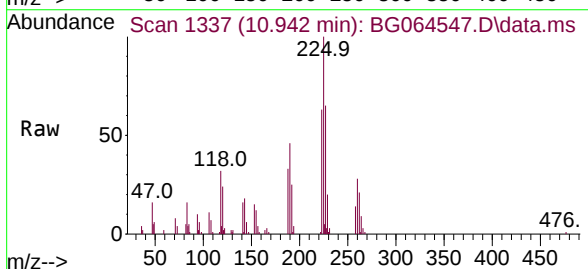
Reviewed By :Rahul Chavli 10/21/2025

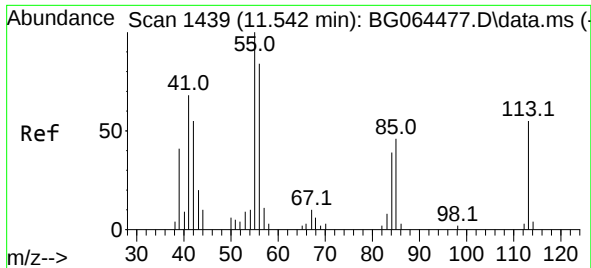
Supervised By :Jagrut Upadhyay 10/21/2025



#34
Hexachlorobutadiene
Concen: 44.321 ng
RT: 10.942 min Scan# 1337
Delta R.T. -0.004 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

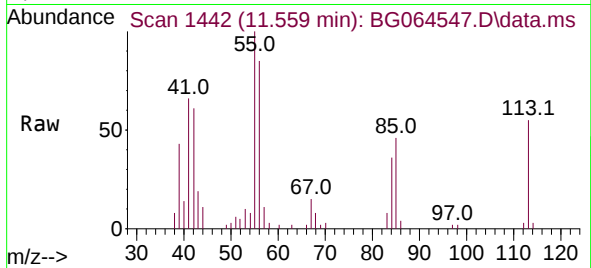
Tgt Ion:225 Resp: 39674
Ion Ratio Lower Upper
225 100
223 62.9 49.0 73.6
227 65.2 49.9 74.9





#35
Caprolactam
Concen: 42.243 ng
RT: 11.559 min Scan# 1439
Delta R.T. 0.049 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

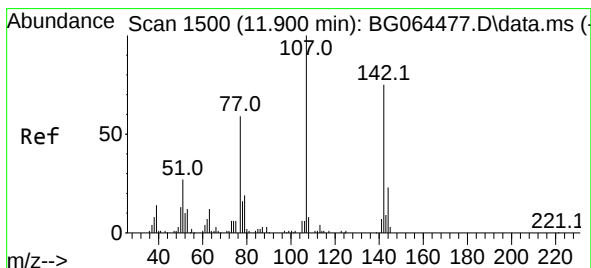
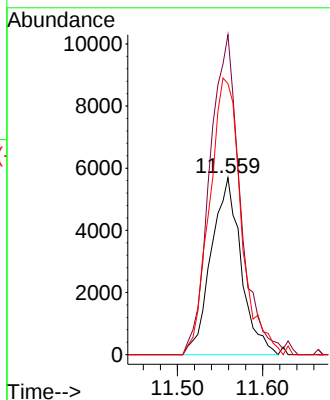
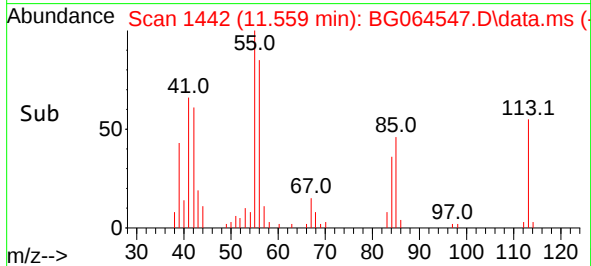
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



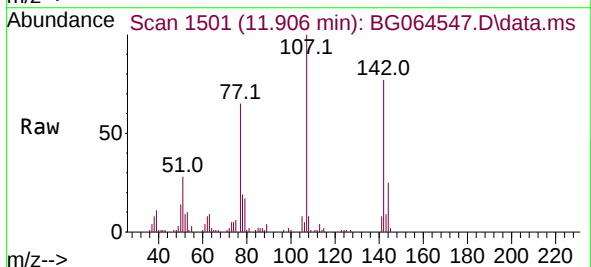
Tgt Ion:113 Resp: 13863
Ion Ratio Lower Upper
113 100
55 180.8 162.0 202.0
56 153.1 134.6 174.6

Manual Integrations
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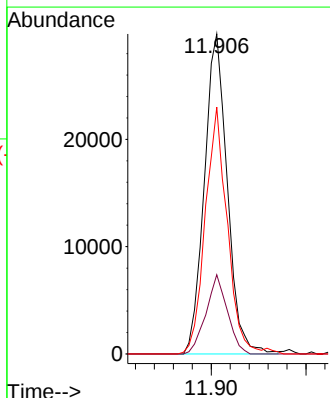
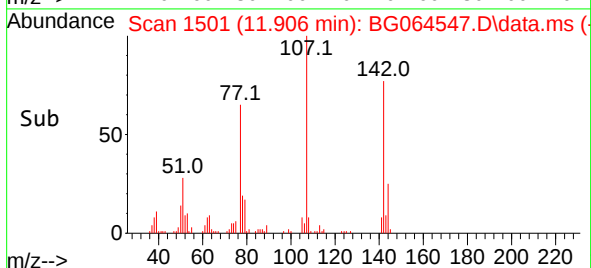
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

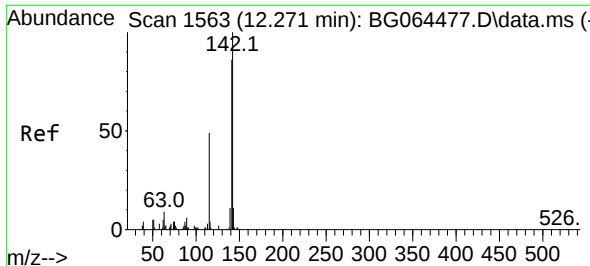


#36
4-Chloro-3-methylphenol
Concen: 43.097 ng
RT: 11.906 min Scan# 1501
Delta R.T. 0.014 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



Tgt Ion:107 Resp: 50241
Ion Ratio Lower Upper
107 100
144 24.7 18.7 28.1
142 77.1 60.2 90.2





#37
2-Methylnaphthalene
Concen: 42.584 ng
RT: 12.270 min Scan# 1563
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

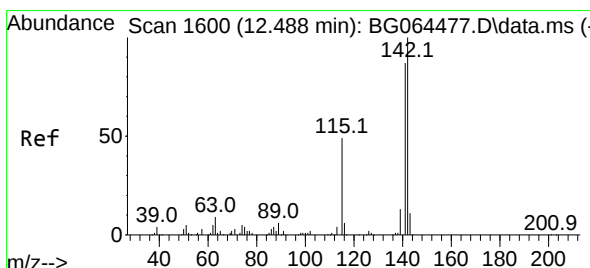
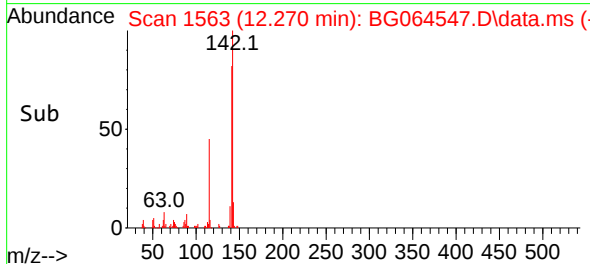
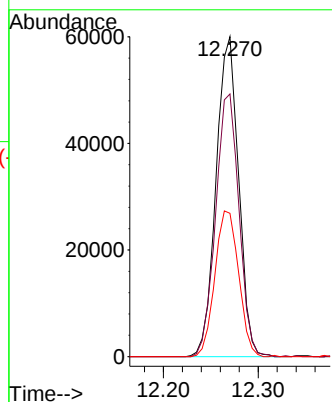
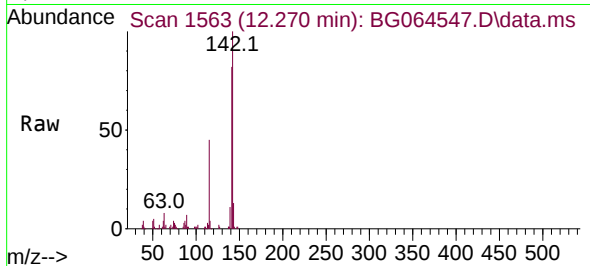
SSTDCCC040

Tgt Ion:142 Resp: 98972
Ion Ratio Lower Upper
142 100
141 82.1 68.7 103.1
115 44.8 39.3 58.9

Manual Integrations

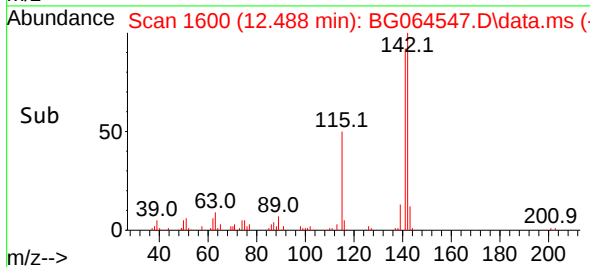
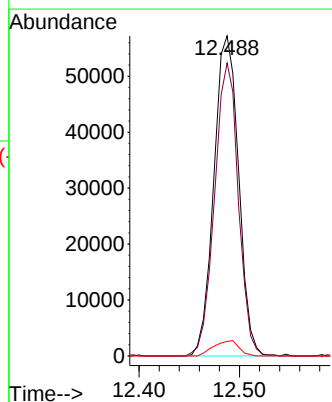
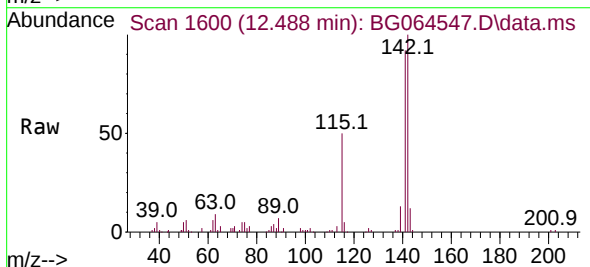
APPROVED

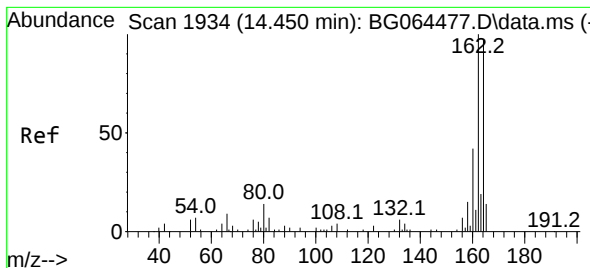
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#38
1-Methylnaphthalene
Concen: 42.182 ng
RT: 12.488 min Scan# 1600
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:142 Resp: 97763
Ion Ratio Lower Upper
142 100
141 91.5 69.8 104.8
116 4.5 4.6 6.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.444 min Scan# 1934

Delta R.T. -0.004 min

Lab File: BG064547.D

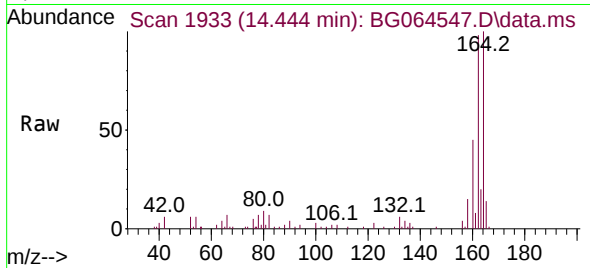
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 45965

Ion Ratio Lower Upper

164 100

162 98.1 82.2 123.2

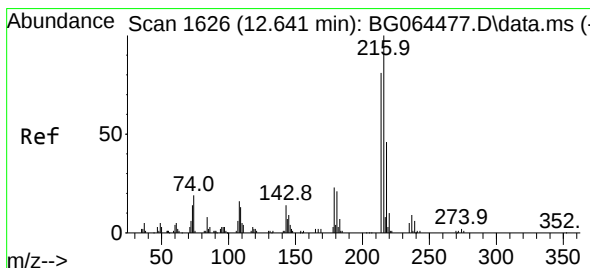
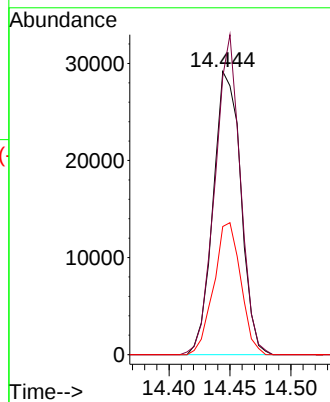
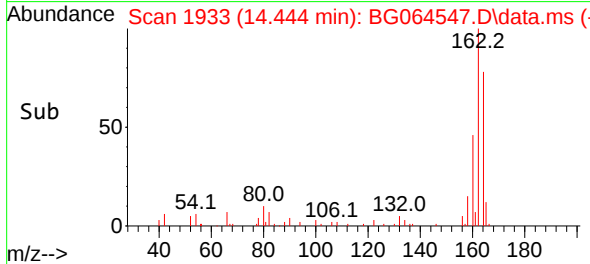
160 45.3 34.3 51.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.420 ng

RT: 12.640 min Scan# 1626

Delta R.T. 0.002 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Tgt Ion:216 Resp: 61472

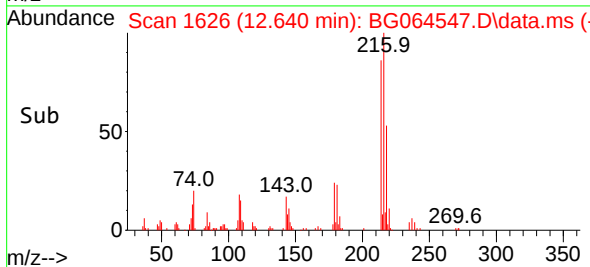
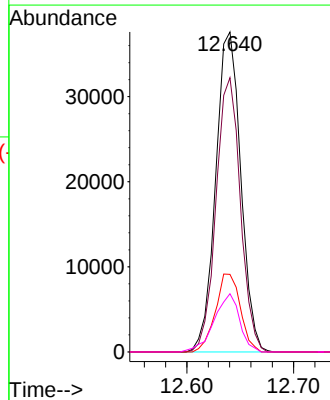
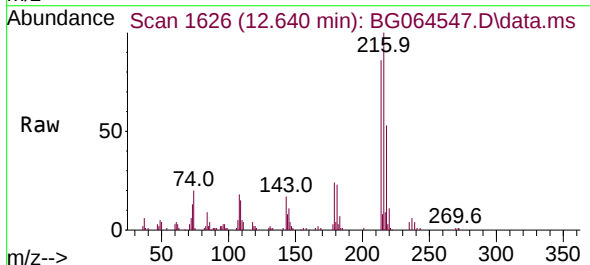
Ion Ratio Lower Upper

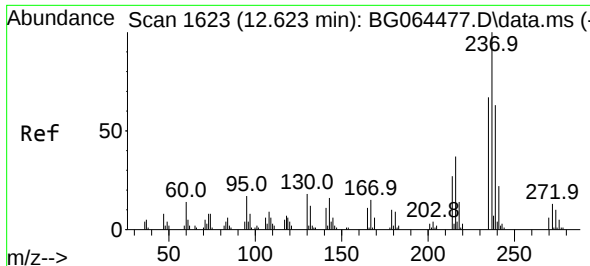
216 100

214 83.0 62.5 93.7

179 24.2 17.0 25.6

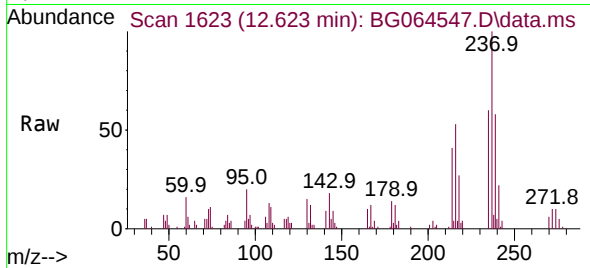
108 18.5 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 45.006 ng
RT: 12.623 min Scan# 1623
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

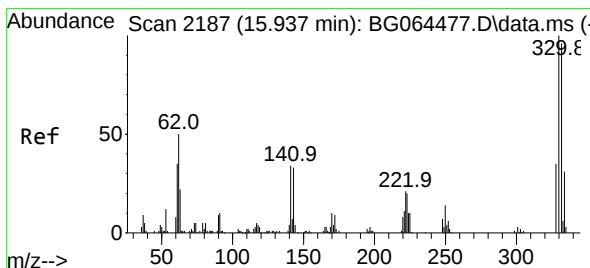
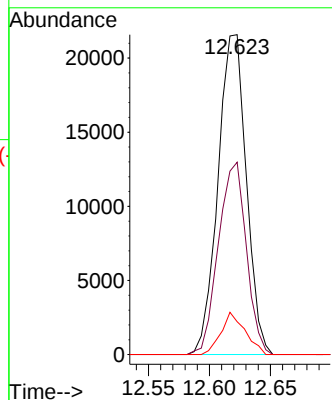
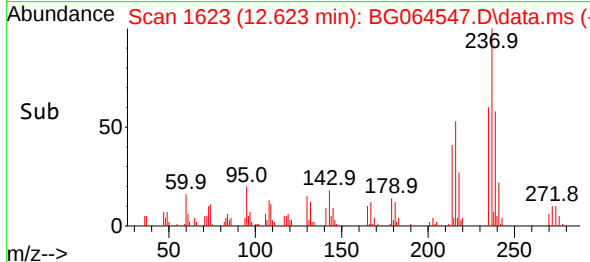
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



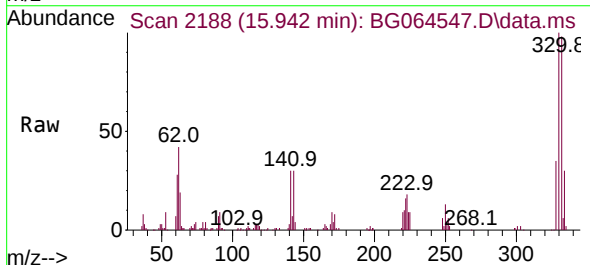
Tgt Ion:237 Resp: 34940
Ion Ratio Lower Upper
237 100
235 60.1 46.9 86.9
272 10.3 0.0 32.6

Manual Integrations
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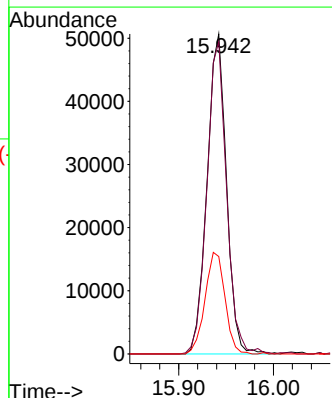
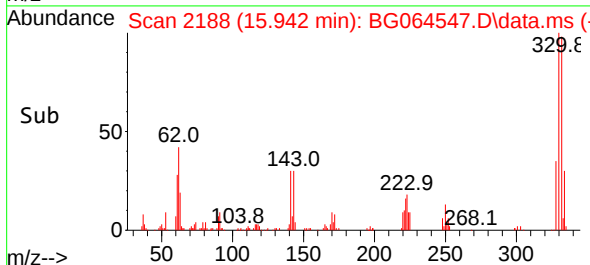
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

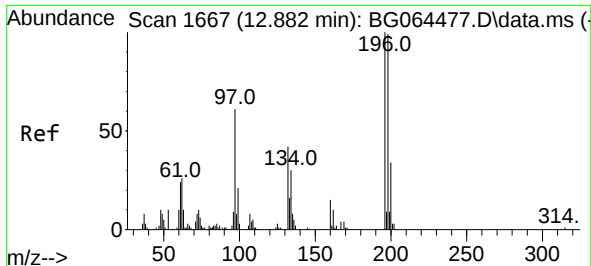


#42
2,4,6-Tribromophenol
Concen: 86.640 ng
RT: 15.942 min Scan# 2188
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



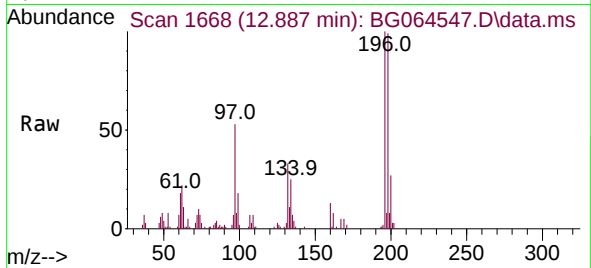
Tgt Ion:330 Resp: 72187
Ion Ratio Lower Upper
330 100
332 98.9 77.4 116.0
141 32.5 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 45.612 ng m
RT: 12.887 min Scan# 1667
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

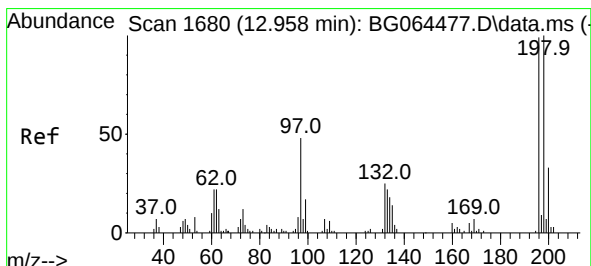
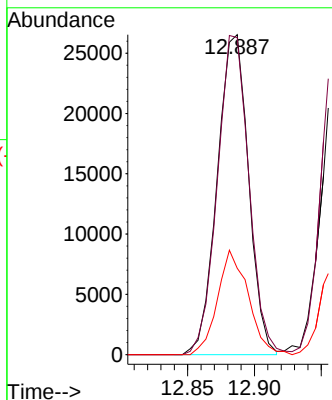
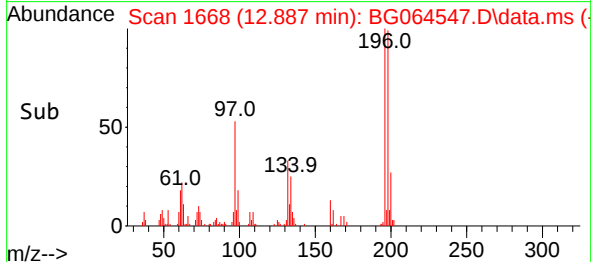
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:196 Resp: 43274
Ion Ratio Lower Upper
196 100
198 99.1 79.3 118.9
200 27.0 27.4 41.2

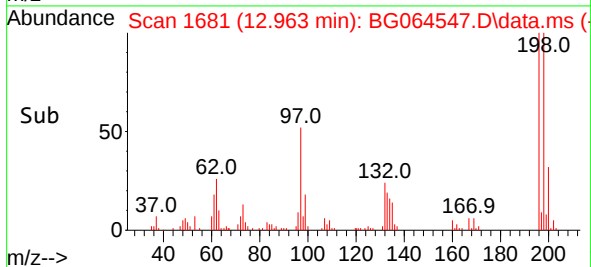
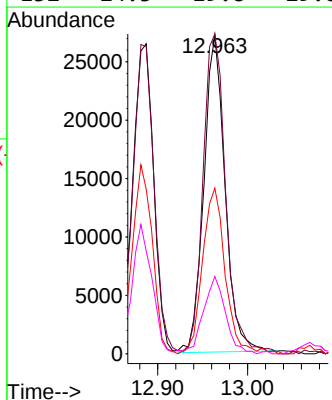
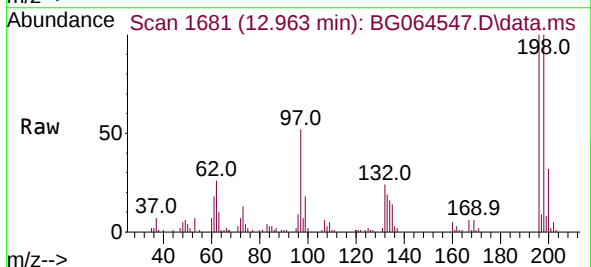
Manual Integrations
APPROVED

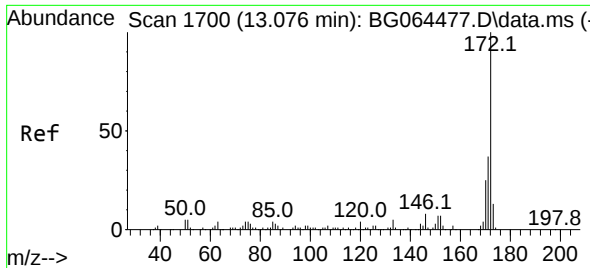
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#44
2,4,5-Trichlorophenol
Concen: 42.137 ng
RT: 12.963 min Scan# 1681
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

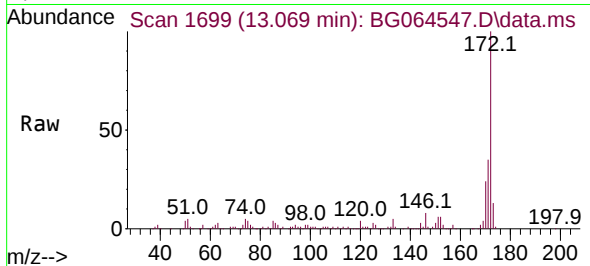
Tgt Ion:196 Resp: 44631
Ion Ratio Lower Upper
196 100
198 100.4 80.3 120.5
97 52.0 39.4 59.0
132 24.3 19.8 29.8





#45
2-Fluorobiphenyl
Concen: 85.677 ng
RT: 13.069 min Scan# 1699
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

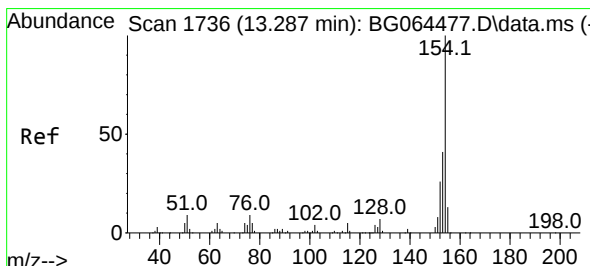
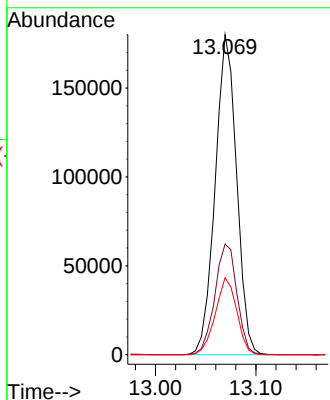
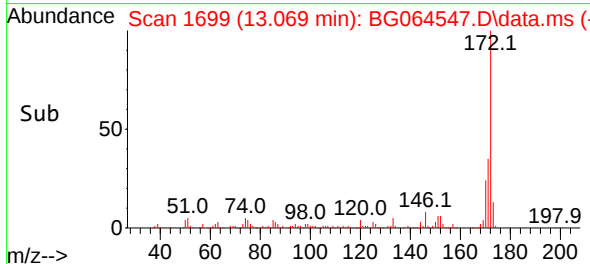
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



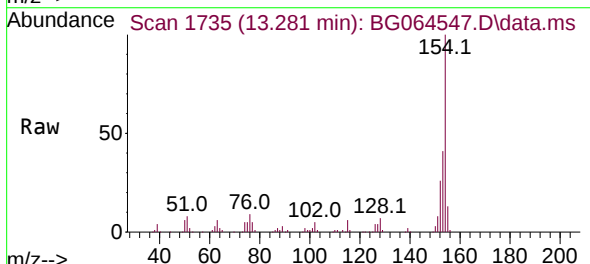
Tgt Ion:172 Resp: 267175
Ion Ratio Lower Upper
172 100
171 34.5 29.6 44.4
170 24.0 20.2 30.2

Manual Integrations
APPROVED

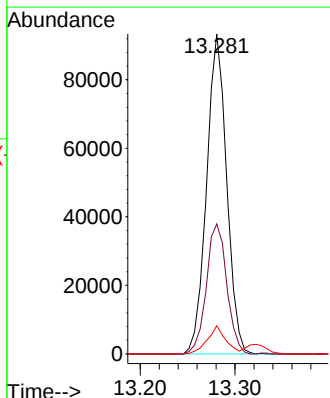
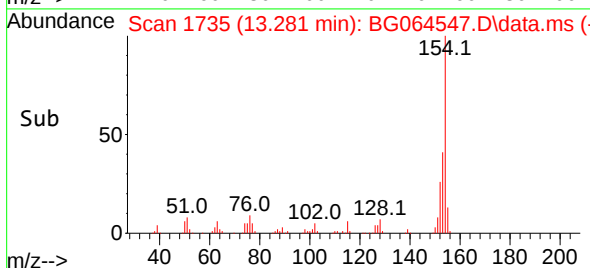
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

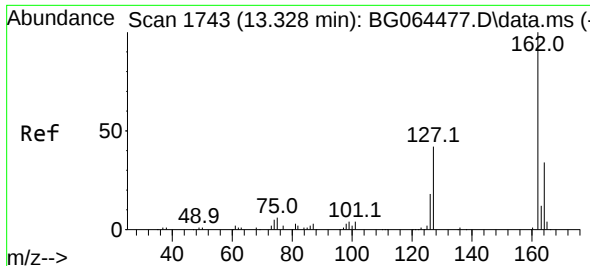


#46
1,1'-Biphenyl
Concen: 41.504 ng
RT: 13.281 min Scan# 1735
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



Tgt Ion:154 Resp: 137212
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 8.8 0.0 29.3





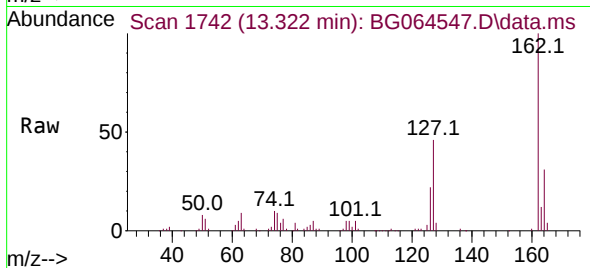
#47
2-Chloronaphthalene
Concen: 42.313 ng
RT: 13.322 min Scan# 1742
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



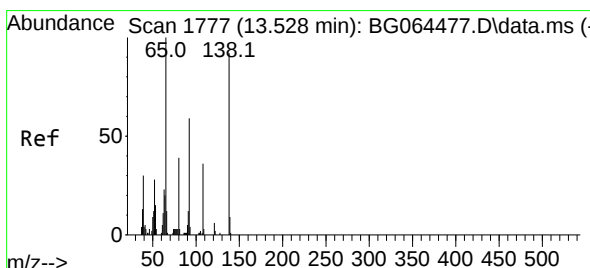
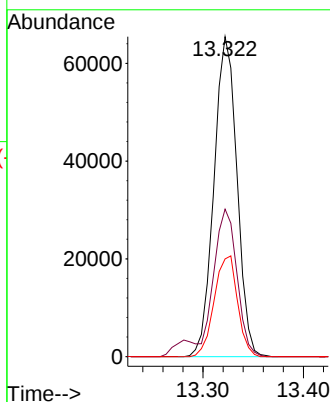
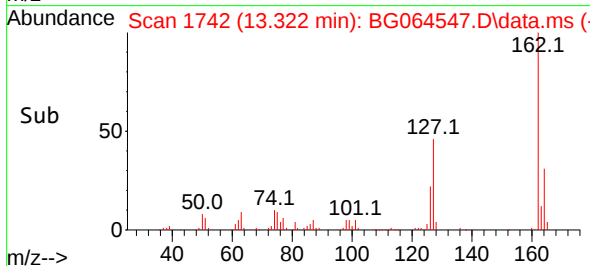
Tgt Ion:162 Resp: 104440
Ion Ratio Lower Upper
162 100
127 46.1 35.8 53.8
164 30.5 27.2 40.8

Manual Integrations

APPROVED

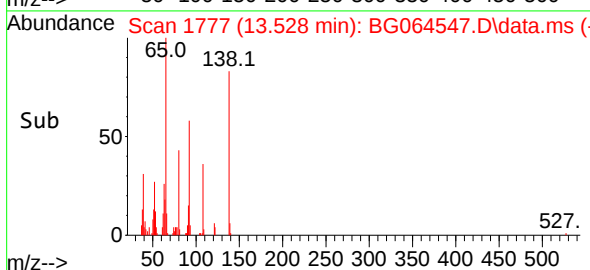
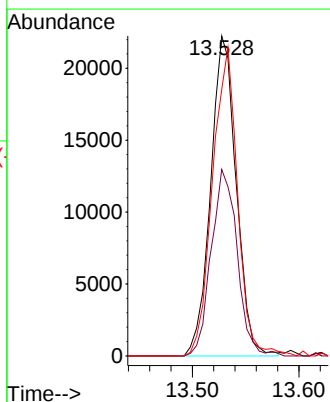
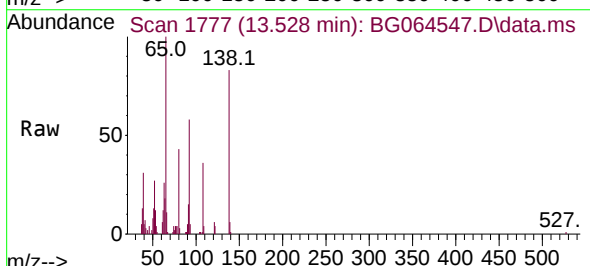
Reviewed By :Rahul Chavli 10/21/2025

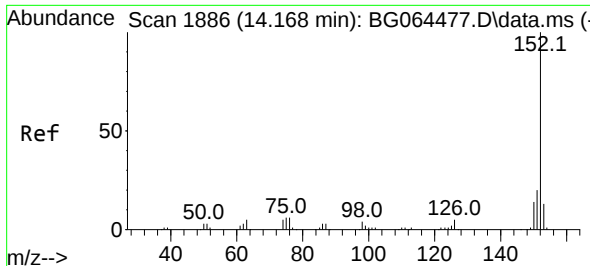
Supervised By :Jagrut Upadhyay 10/21/2025



#48
2-Nitroaniline
Concen: 44.061 ng
RT: 13.528 min Scan# 1777
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion: 65 Resp: 37118
Ion Ratio Lower Upper
65 100
92 58.3 47.0 70.6
138 83.2 73.5 110.3





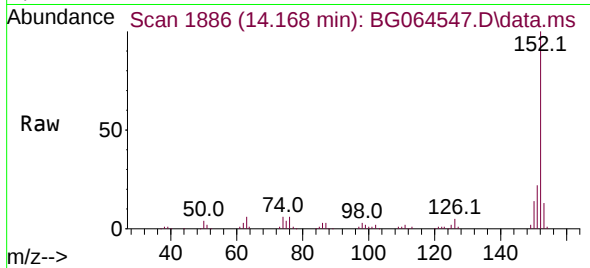
#49
Acenaphthylene
Concen: 43.163 ng
RT: 14.168 min Scan# 1886
Delta R.T. -0.004 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



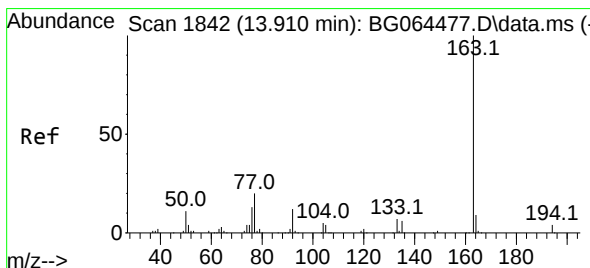
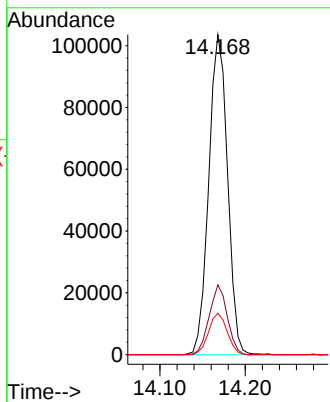
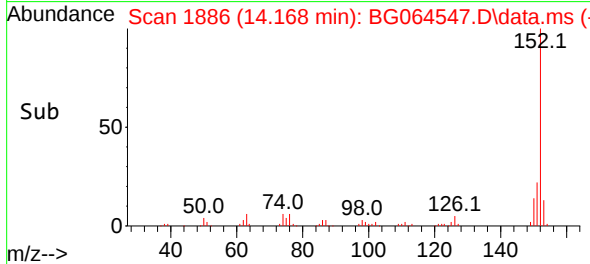
Tgt Ion:152 Resp: 158153
Ion Ratio Lower Upper
152 100
151 21.8 15.8 23.6
153 12.9 10.6 15.8

Manual Integrations

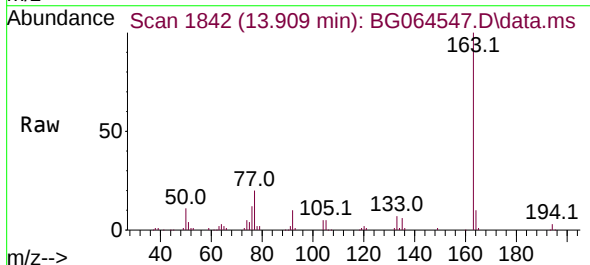
APPROVED

Reviewed By :Rahul Chavli 10/21/2025

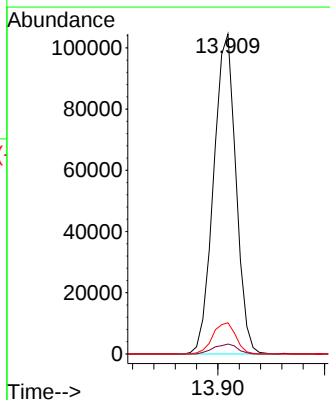
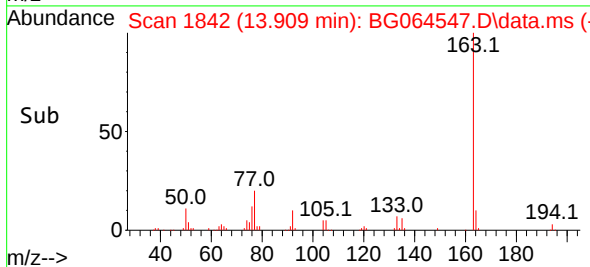
Supervised By :Jagrut Upadhyay 10/21/2025

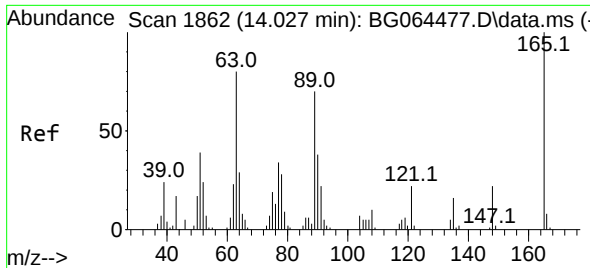


#50
Dimethylphthalate
Concen: 42.222 ng
RT: 13.909 min Scan# 1842
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



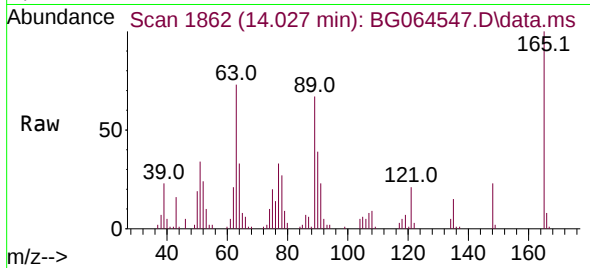
Tgt Ion:163 Resp: 152000
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 9.7 7.4 11.0





#51
2,6-Dinitrotoluene
Concen: 42.820 ng
RT: 14.027 min Scan# 1862
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

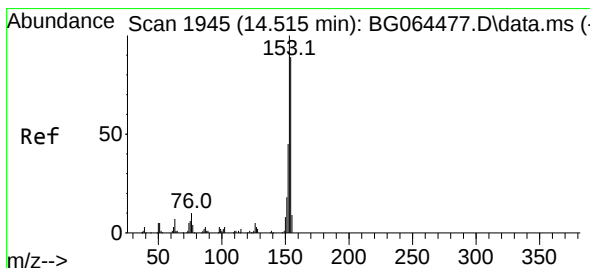
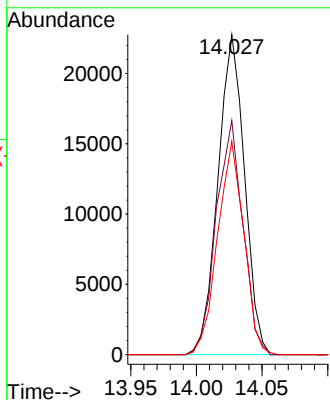
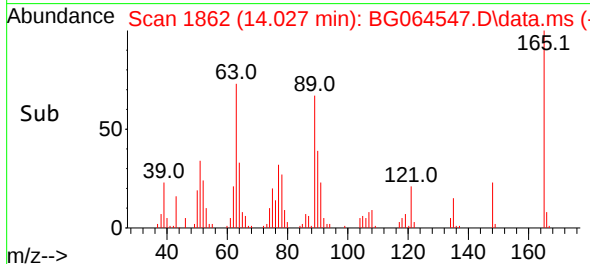
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 32112
Ion Ratio Lower Upper
165 100
63 73.2 63.9 95.9
89 66.6 56.1 84.1

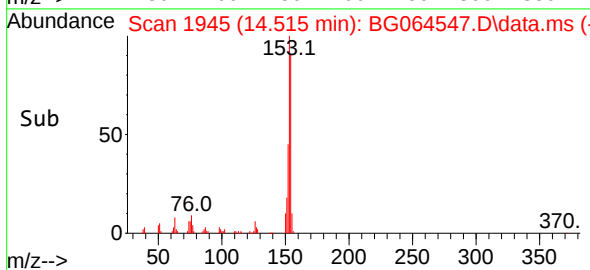
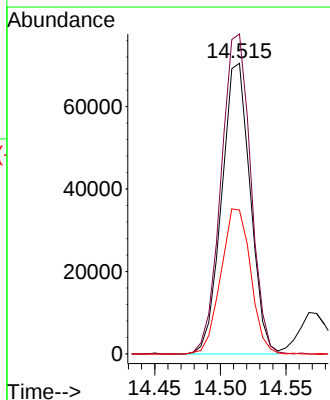
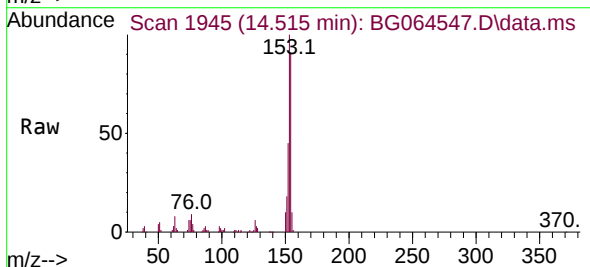
Manual Integrations
APPROVED

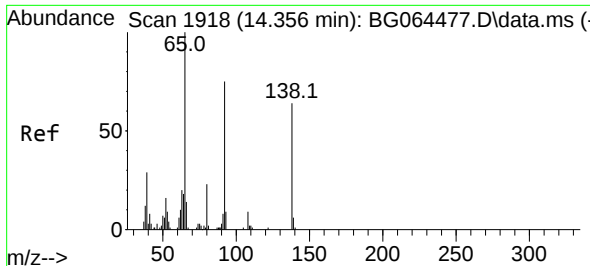
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#52
Acenaphthene
Concen: 41.898 ng
RT: 14.515 min Scan# 1945
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

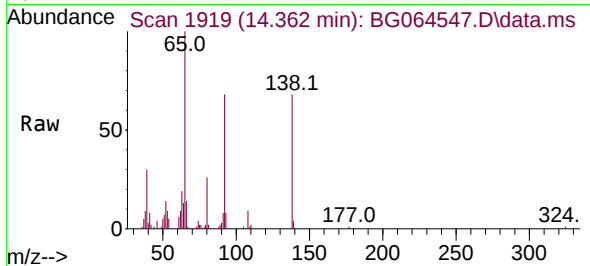
Tgt Ion:154 Resp: 106658
Ion Ratio Lower Upper
154 100
153 110.1 90.2 135.4
152 49.5 40.2 60.4





#53
3-Nitroaniline
Concen: 41.972 ng
RT: 14.362 min Scan# 1918
Delta R.T. 0.014 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

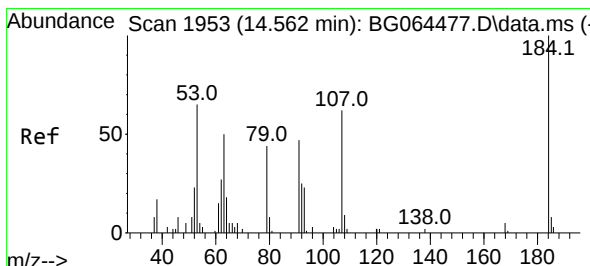
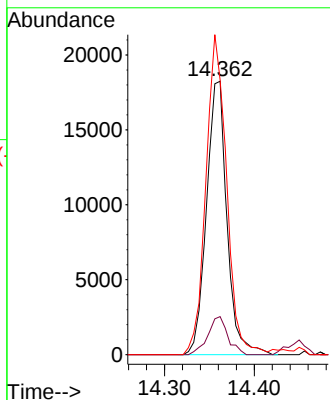
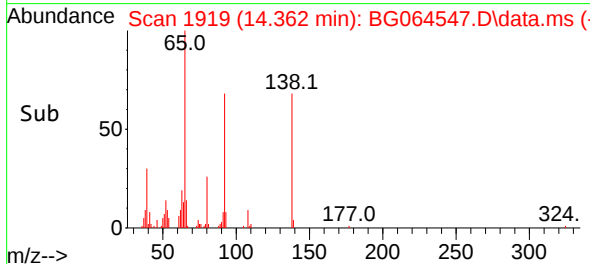
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 29028
Ion Ratio Lower Upper
138 100
108 13.9 10.6 15.8
92 100.5 93.2 139.8

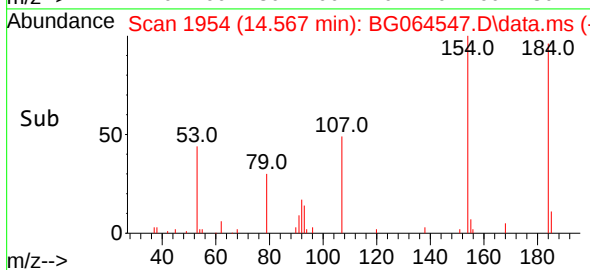
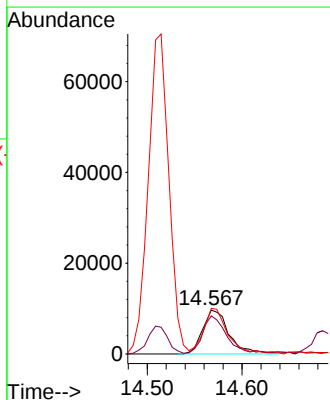
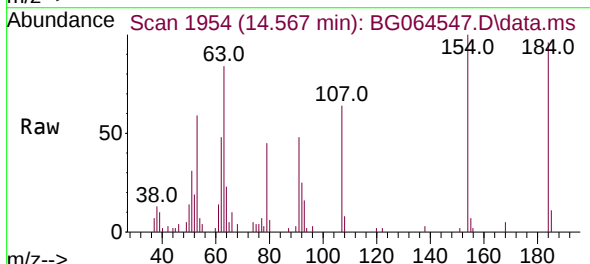
Manual Integrations
APPROVED

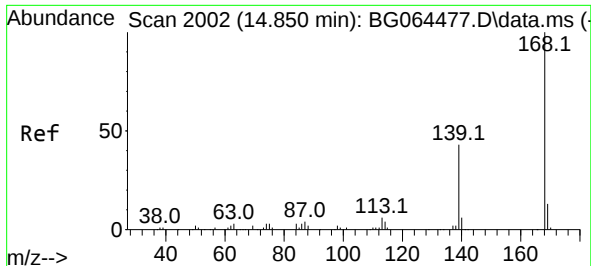
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#54
2,4-Dinitrophenol
Concen: 33.990 ng
RT: 14.567 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

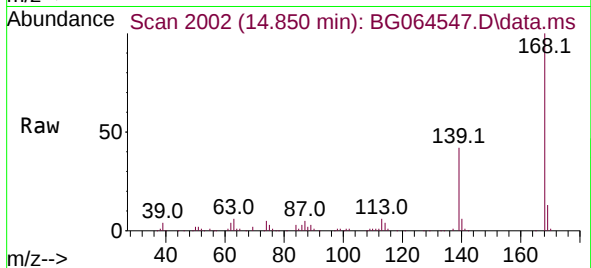
Tgt Ion:184 Resp: 18483
Ion Ratio Lower Upper
184 100
63 87.0 69.0 103.4
154 104.0 95.6 143.4





#55
Dibenzofuran
Concen: 42.794 ng
RT: 14.850 min Scan# 2002
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

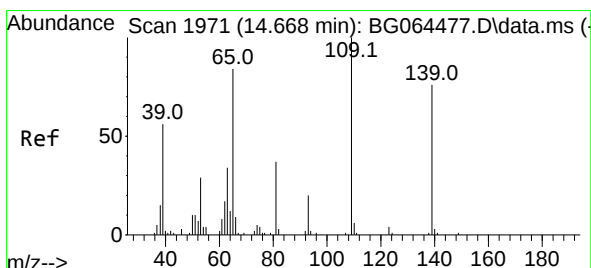
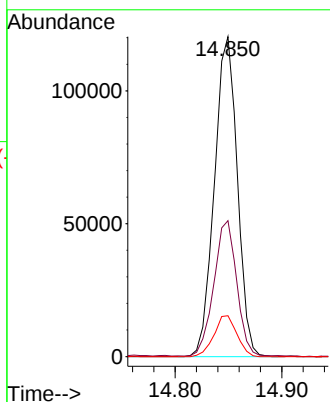
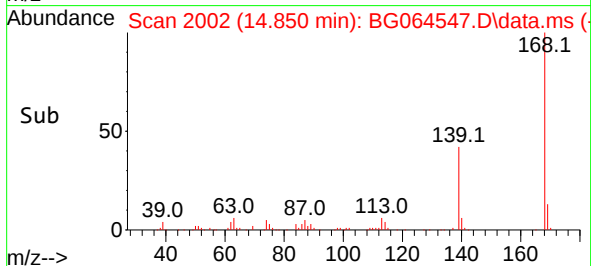
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 17987
Ion Ratio Lower Upper
168 100
139 42.5 34.0 51.0
169 12.8 10.2 15.2

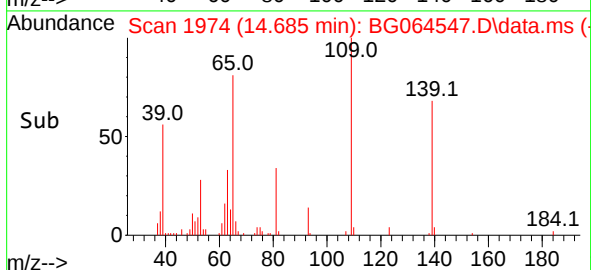
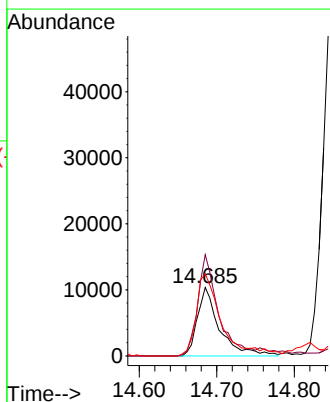
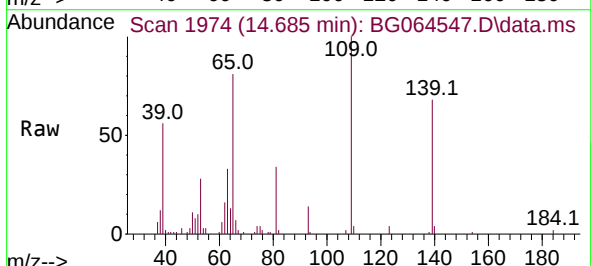
Manual Integrations
APPROVED

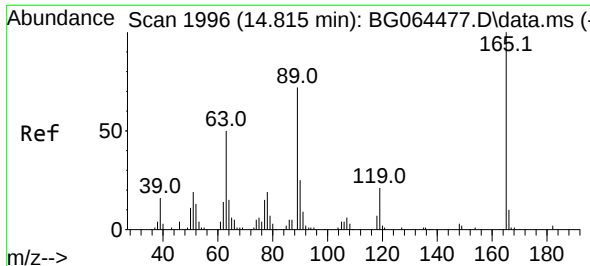
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#56
4-Nitrophenol
Concen: 37.784 ng
RT: 14.685 min Scan# 1974
Delta R.T. 0.020 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:139 Resp: 20574
Ion Ratio Lower Upper
139 100
109 148.0 111.8 151.8
65 120.2 91.1 131.1





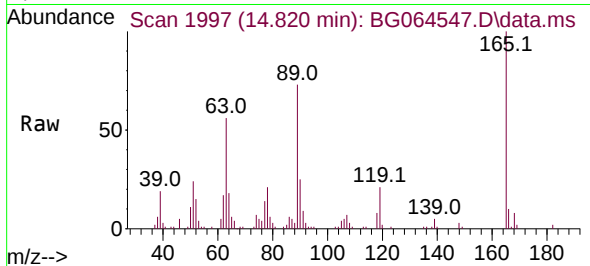
#57
2,4-Dinitrotoluene
Concen: 42.271 ng
RT: 14.820 min Scan# 1996
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



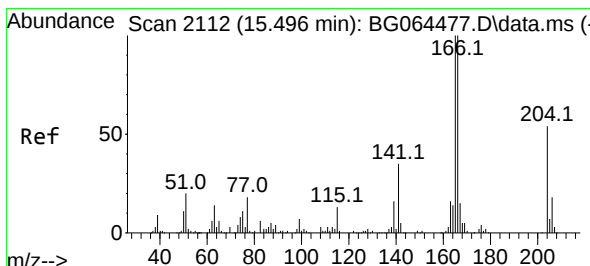
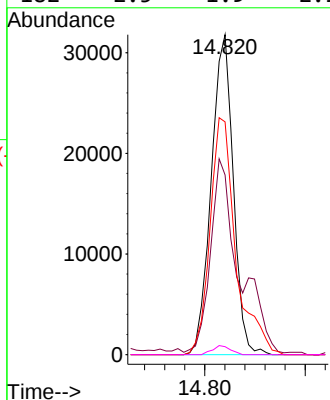
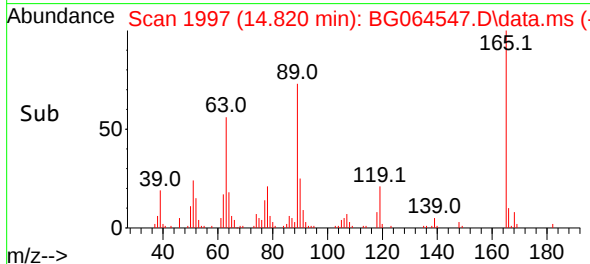
Tgt Ion:165 Resp: 48459
Ion Ratio Lower Upper
165 100
63 56.1 40.4 60.6
89 72.7 57.3 85.9
182 2.5 1.9 2.9

Manual Integrations

APPROVED

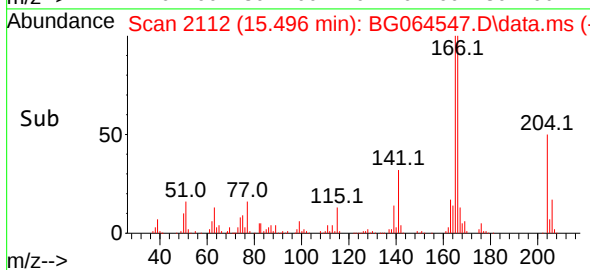
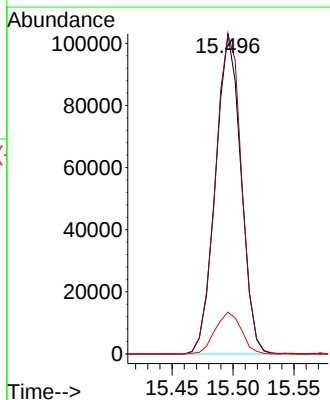
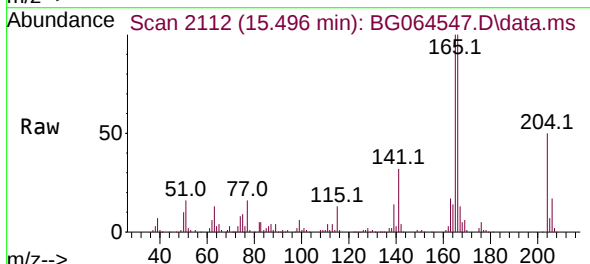
Reviewed By :Rahul Chavli 10/21/2025

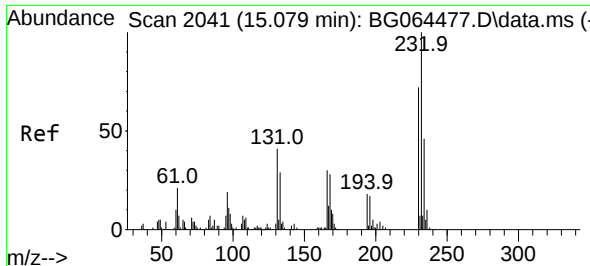
Supervised By :Jagrut Upadhyay 10/21/2025



#58
Fluorene
Concen: 42.692 ng
RT: 15.496 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:166 Resp: 149180
Ion Ratio Lower Upper
166 100
165 99.8 79.8 119.6
167 13.0 11.7 17.5





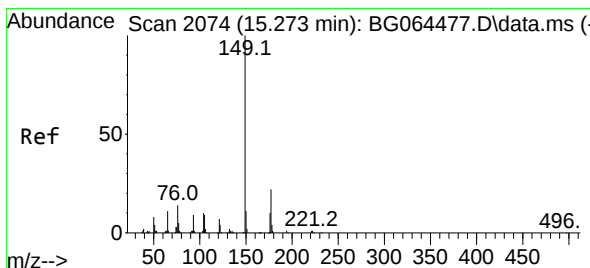
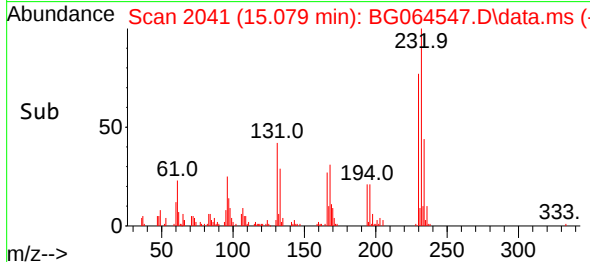
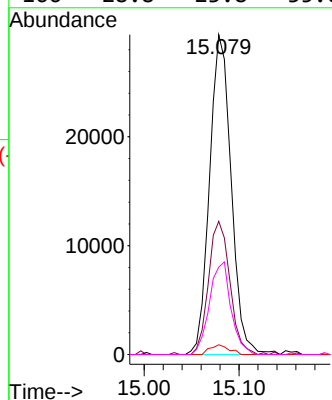
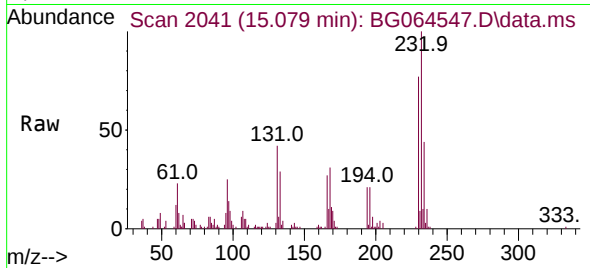
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.129 ng
RT: 15.079 min Scan# 2041
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 46621
Ion Ratio Lower Upper
232 100
131 41.3 35.0 52.4
130 2.7 2.0 3.0
166 28.8 23.8 35.6

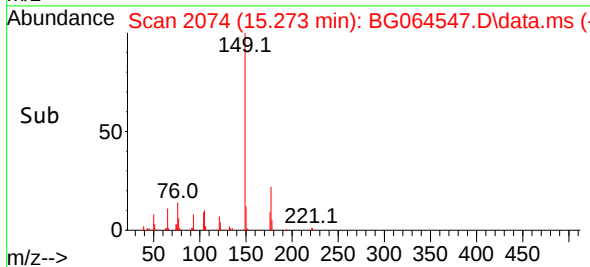
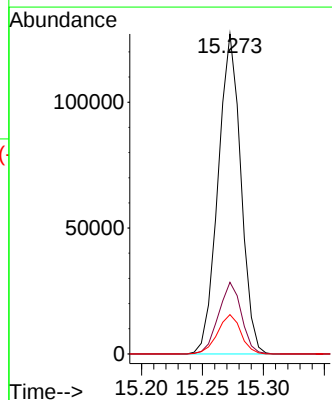
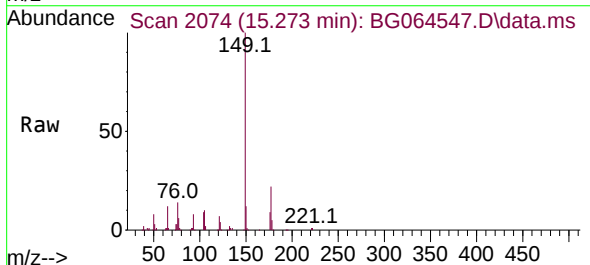
Manual Integrations
APPROVED

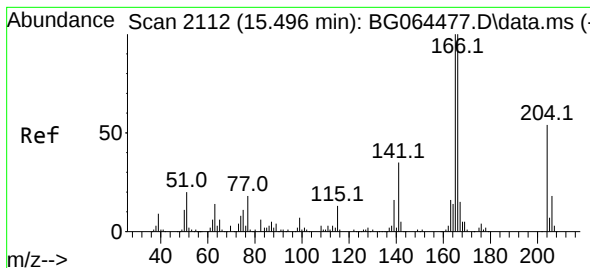
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#60
Diethylphthalate
Concen: 42.669 ng
RT: 15.273 min Scan# 2074
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:149 Resp: 164785
Ion Ratio Lower Upper
149 100
177 22.4 17.4 26.0
150 12.3 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 42.549 ng
RT: 15.490 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

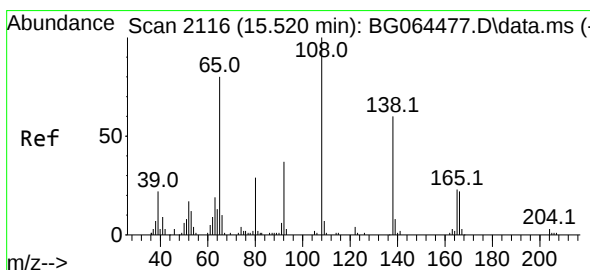
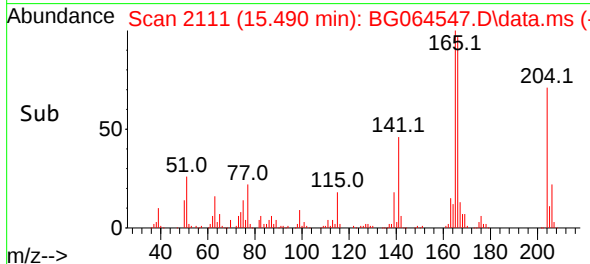
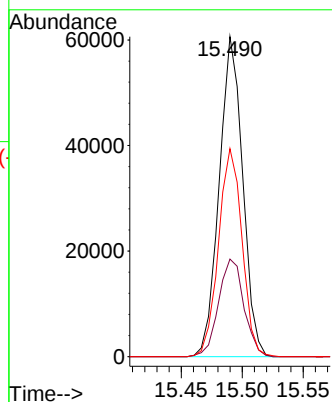
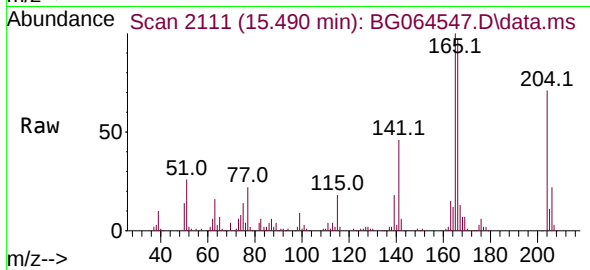
SSTDCCC040

Tgt Ion:204 Resp: 81176
Ion Ratio Lower Upper
204 100
206 30.5 27.1 40.7
141 65.0 51.5 77.3

Manual Integrations

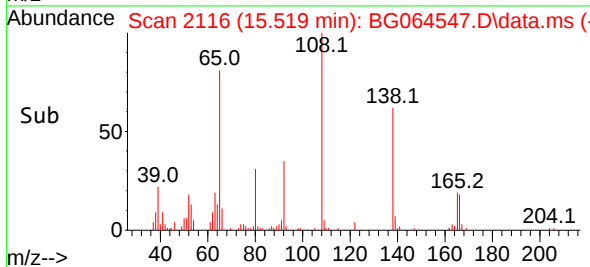
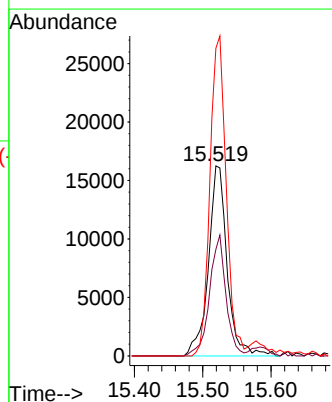
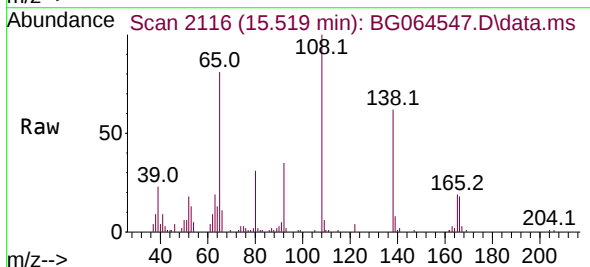
APPROVED

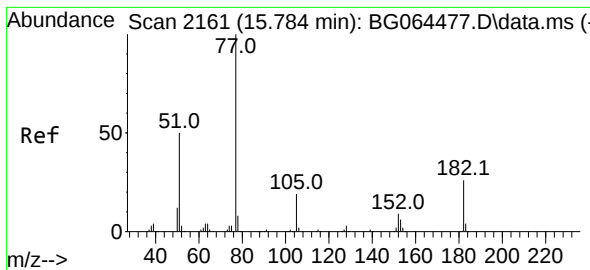
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#62
4-Nitroaniline
Concen: 43.111 ng
RT: 15.519 min Scan# 2116
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

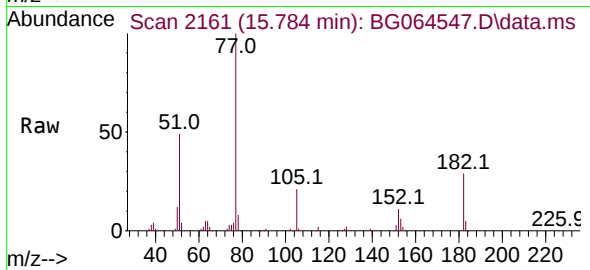
Tgt Ion:138 Resp: 31076
Ion Ratio Lower Upper
138 100
92 56.0 42.3 82.3
108 161.8 147.7 187.7





#63
Azobenzene
Concen: 41.425 ng
RT: 15.784 min Scan# 2161
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

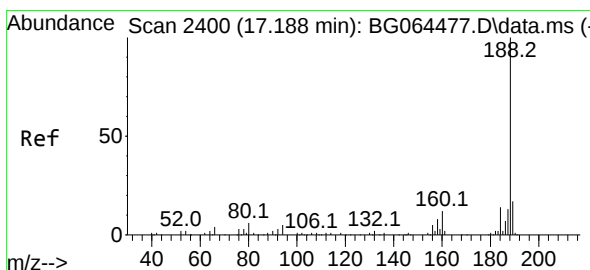
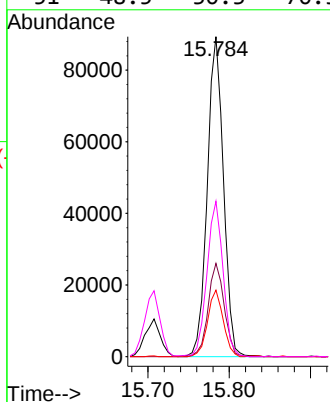
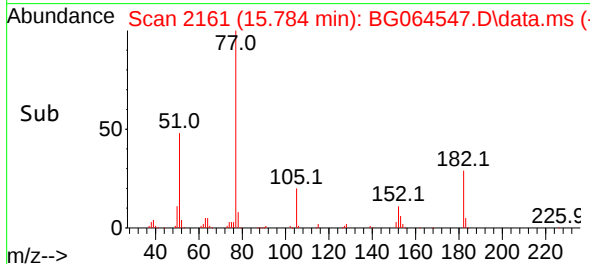
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 123898
Ion Ratio Lower Upper
77 100
182 29.1 6.3 46.3
105 20.8 0.0 38.7
51 48.5 30.3 70.3

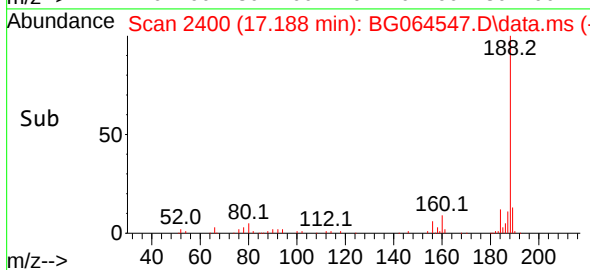
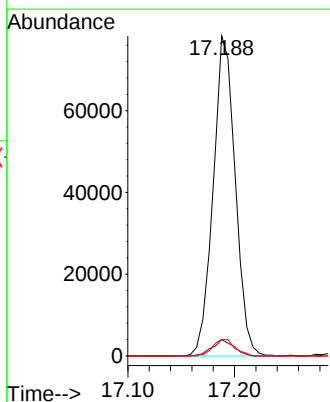
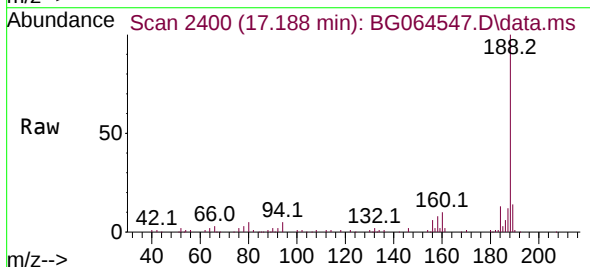
Manual Integrations
APPROVED

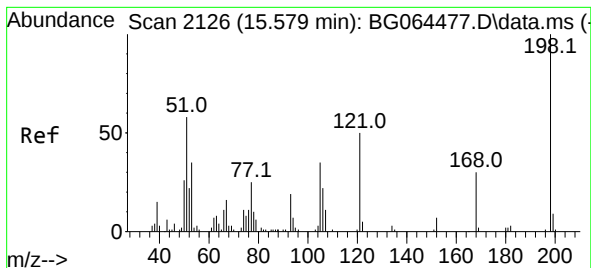
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

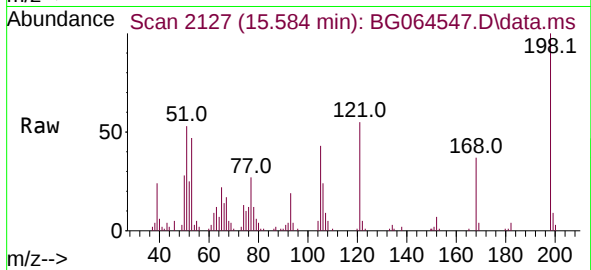
Tgt Ion:188 Resp: 112639
Ion Ratio Lower Upper
188 100
94 5.1 3.7 5.5
80 5.2 4.5 6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 41.746 ng
RT: 15.584 min Scan# 2126
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

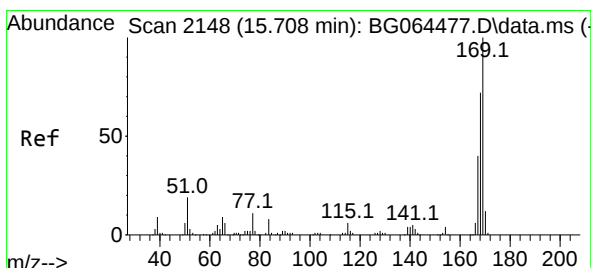
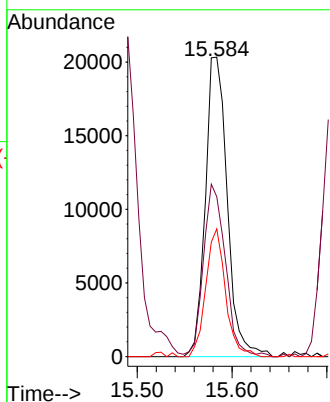
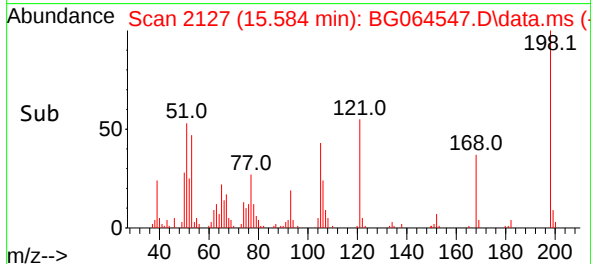
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 32740
Ion Ratio Lower Upper
198 100
51 53.4 39.0 79.0
105 42.6 15.8 55.8

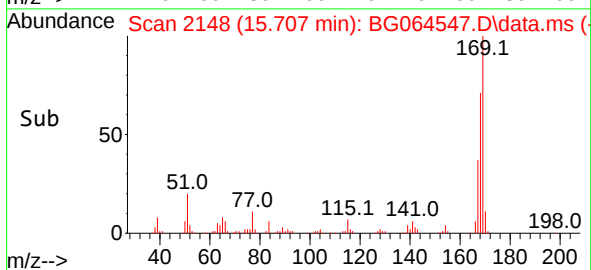
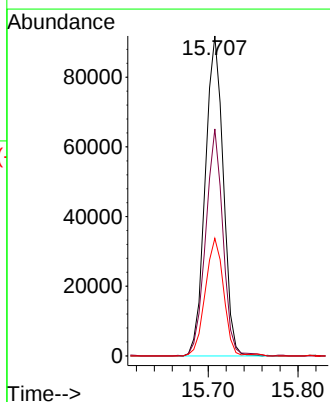
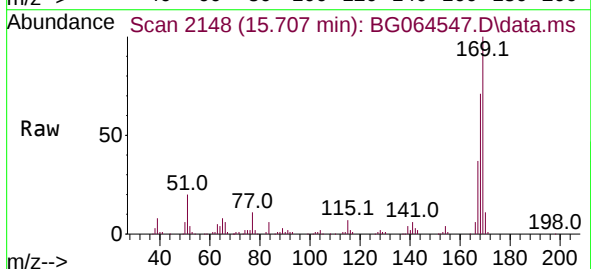
Manual Integrations
APPROVED

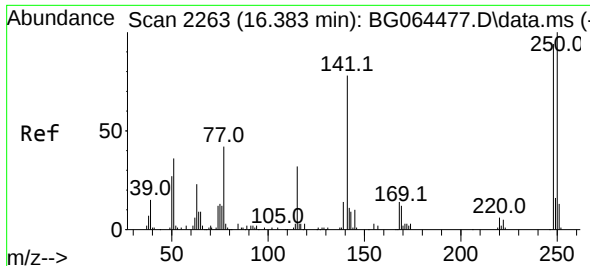
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#66
n-Nitrosodiphenylamine
Concen: 42.507 ng
RT: 15.707 min Scan# 2148
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:169 Resp: 127857
Ion Ratio Lower Upper
169 100
168 70.9 57.8 86.6
167 36.7 31.7 47.5





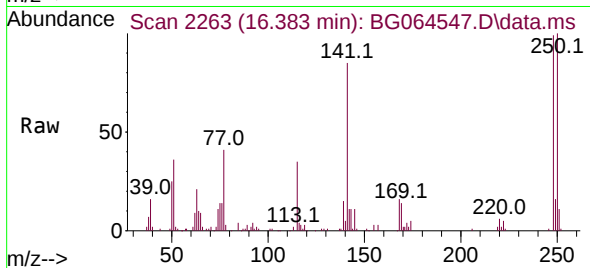
#67
4-Bromophenyl-phenylether
Concen: 43.046 ng
RT: 16.383 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

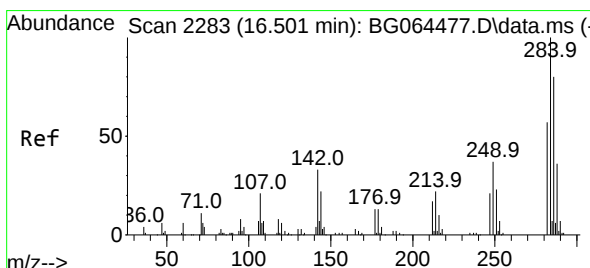
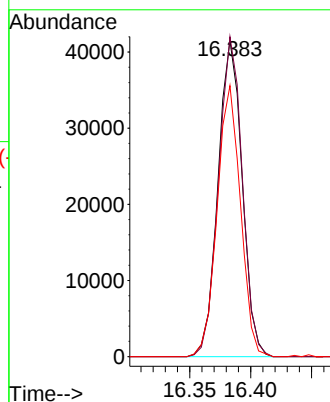
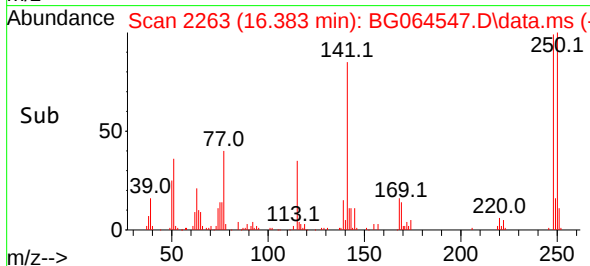


Tgt Ion:248 Resp: 57052
Ion Ratio Lower Upper
248 100
250 101.3 85.3 127.9
141 85.8 66.2 99.2

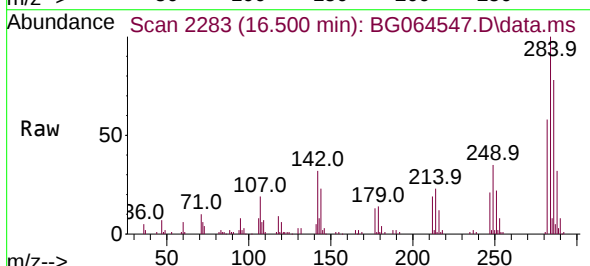
Manual Integrations

APPROVED

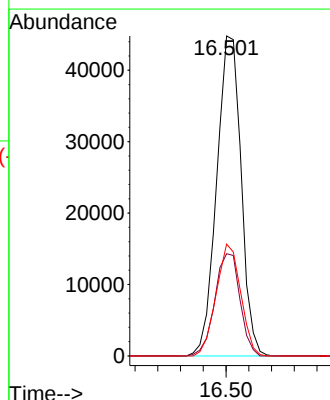
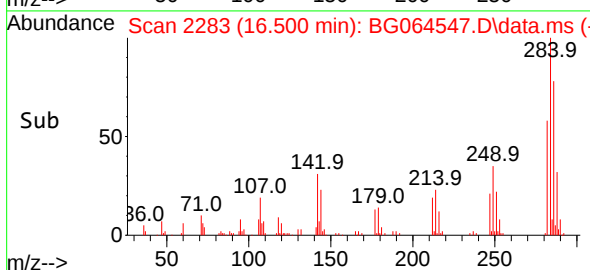
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

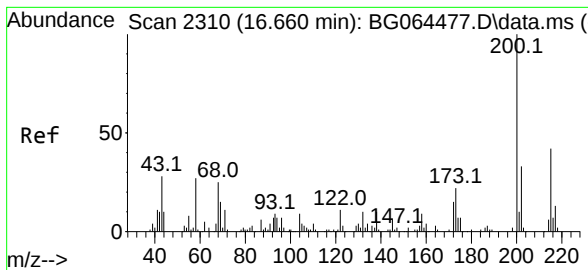


#68
Hexachlorobenzene
Concen: 43.997 ng
RT: 16.500 min Scan# 2283
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



Tgt Ion:284 Resp: 66733
Ion Ratio Lower Upper
284 100
142 31.9 26.2 39.2
249 34.9 29.4 44.0





#69
 Atrazine
 Concen: 40.416 ng
 RT: 16.659 min Scan# 2310
 Delta R.T. 0.008 min
 Lab File: BG064547.D
 Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

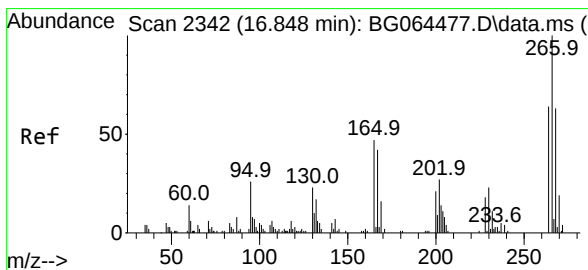
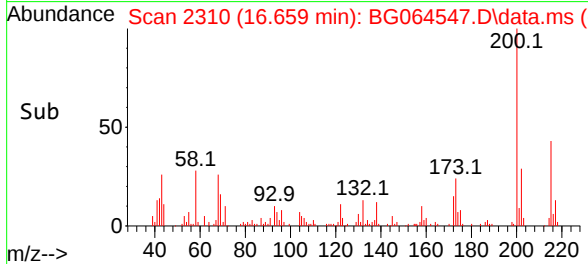
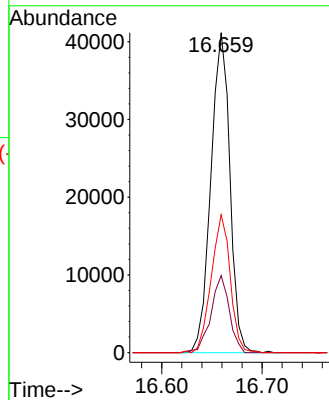
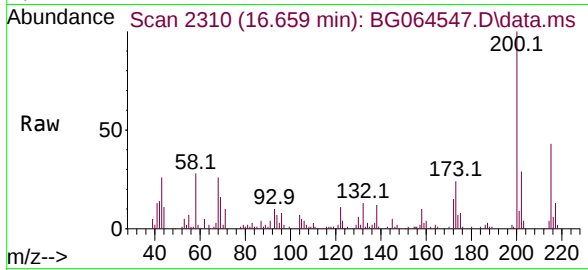
SSTDCCC040

Tgt Ion:200 Resp: 54086
 Ion Ratio Lower Upper
 200 100
 173 24.1 2.5 42.5
 215 43.1 21.5 61.5

Manual Integrations

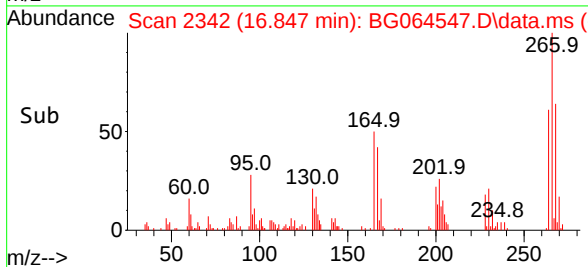
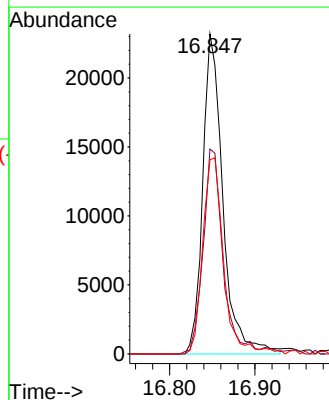
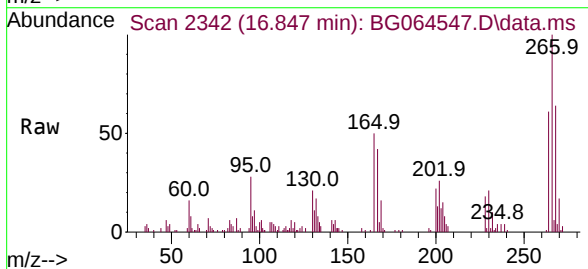
APPROVED

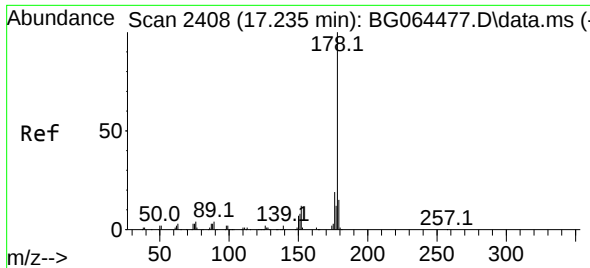
Reviewed By :Rahul Chavli 10/21/2025
 Supervised By :Jagrut Upadhyay 10/21/2025



#70
 Pentachlorophenol
 Concen: 42.817 ng
 RT: 16.847 min Scan# 2342
 Delta R.T. 0.002 min
 Lab File: BG064547.D
 Acq: 20 Oct 2025 12:44

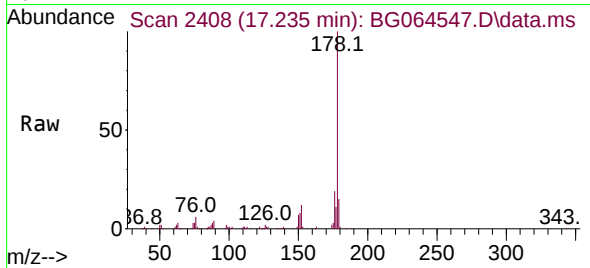
Tgt Ion:266 Resp: 37971
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.6 75.8
 264 60.7 51.2 76.8





#71
Phenanthrene
Concen: 42.087 ng
RT: 17.235 min Scan# 2408
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

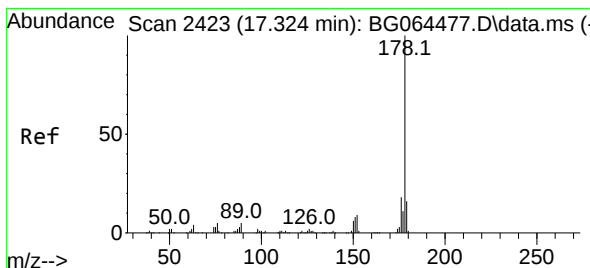
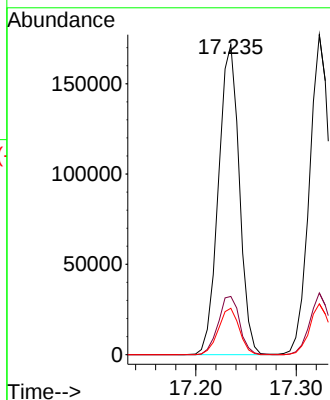
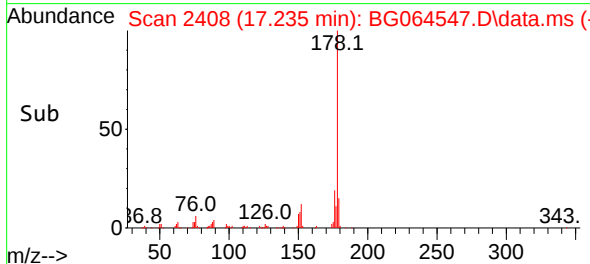
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



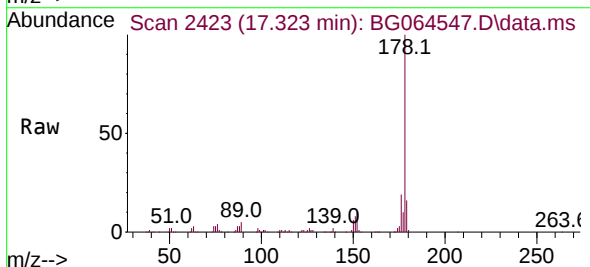
Tgt Ion:178 Resp: 247916
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 14.9 11.8 17.6

Manual Integrations
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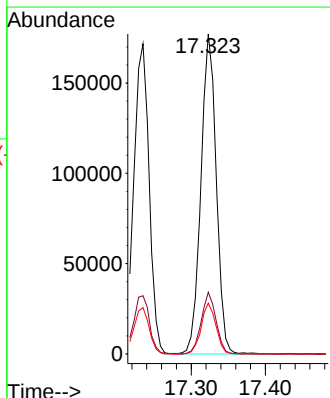
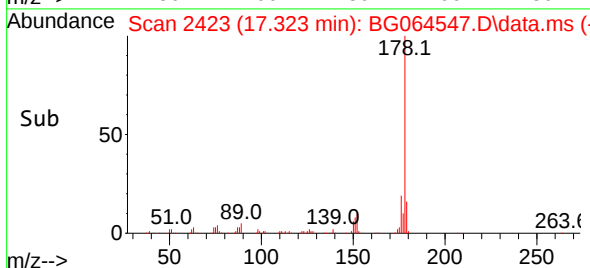
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

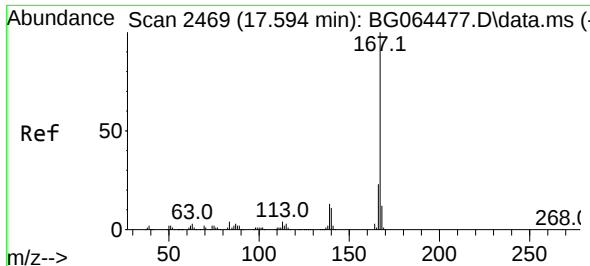


#72
Anthracene
Concen: 43.067 ng
RT: 17.323 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



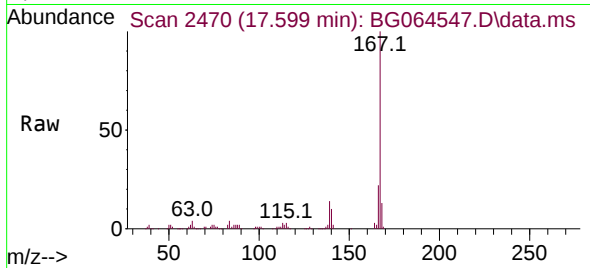
Tgt Ion:178 Resp: 254501
Ion Ratio Lower Upper
178 100
176 19.3 14.6 21.8
179 15.9 12.5 18.7





#73
Carbazole
Concen: 42.326 ng
RT: 17.599 min Scan# 2469
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

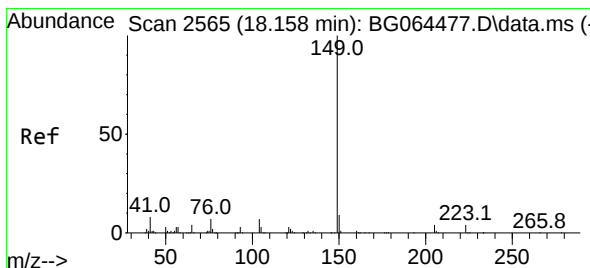
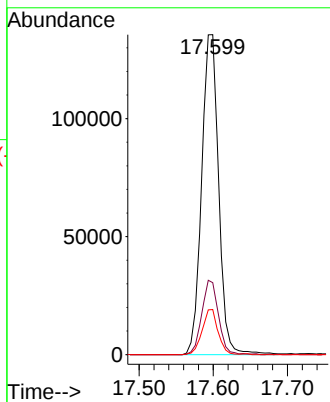
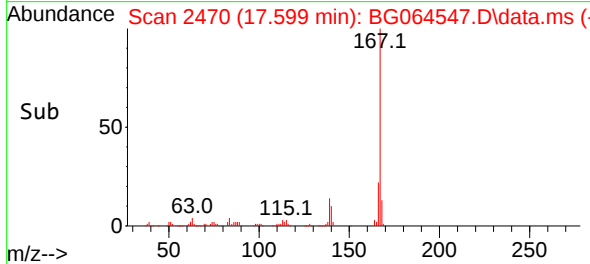
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



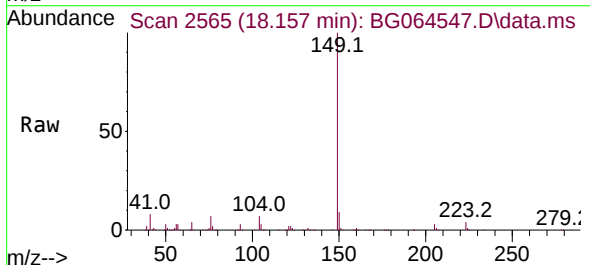
Tgt Ion:167 Resp: 216198
Ion Ratio Lower Upper
167 100
166 22.5 18.6 27.8
139 14.1 10.2 15.4

Manual Integrations
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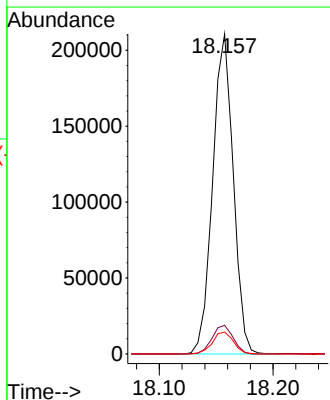
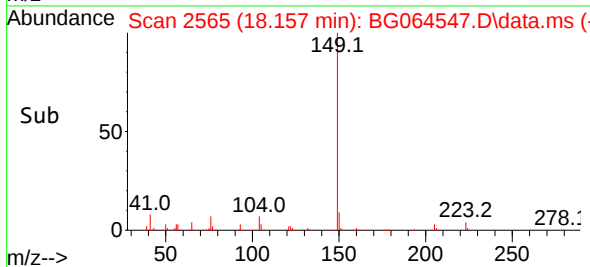
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

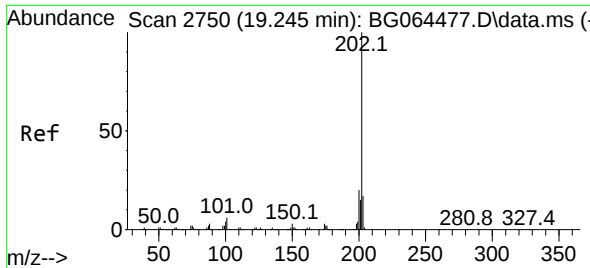


#74
Di-n-butylphthalate
Concen: 42.433 ng
RT: 18.157 min Scan# 2565
Delta R.T. 0.002 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



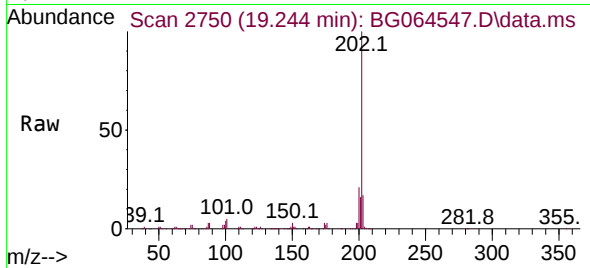
Tgt Ion:149 Resp: 264589
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.2
104 6.8 5.3 7.9





#75
Fluoranthene
Concen: 41.884 ng
RT: 19.244 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

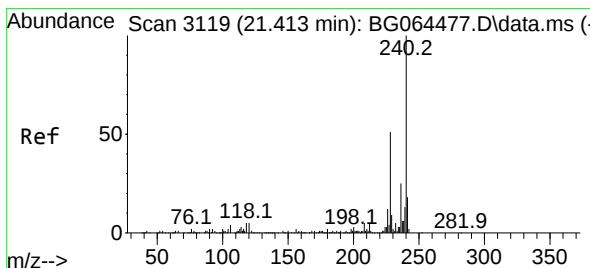
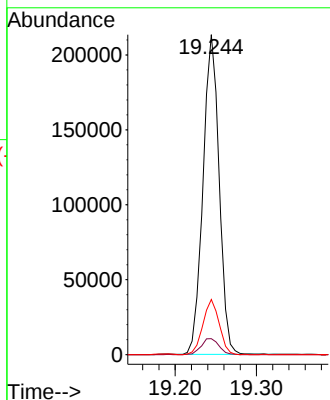
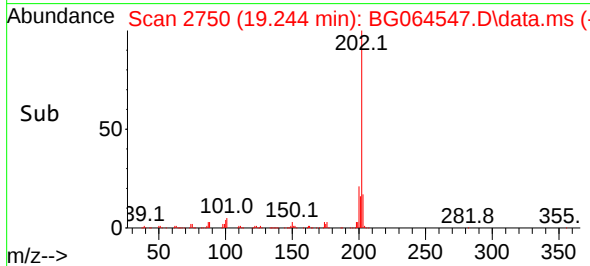
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 29474
Ion Ratio Lower Upper
202 100
101 5.0 0.0 25.7
203 17.2 0.0 36.6

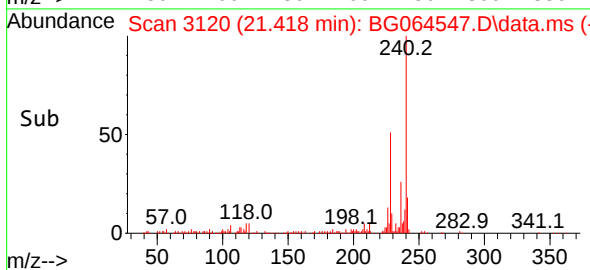
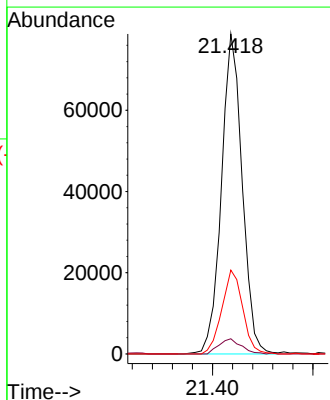
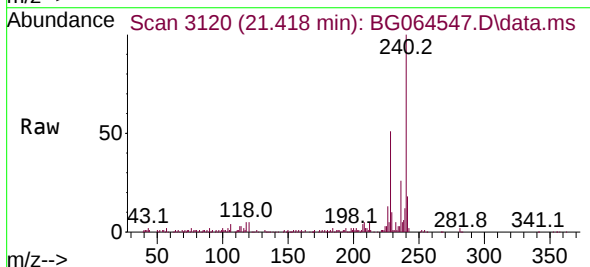
Manual Integrations
APPROVED

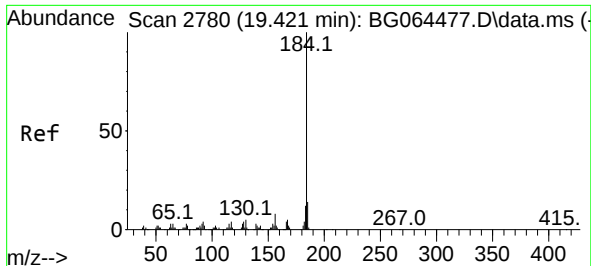
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.418 min Scan# 3120
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

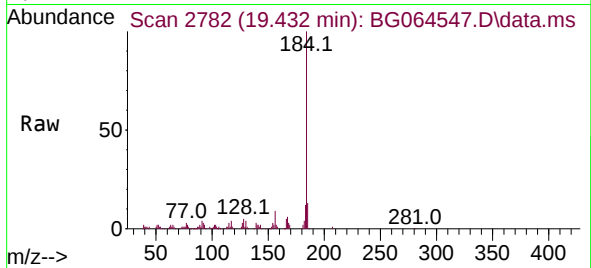
Tgt Ion:240 Resp: 113403
Ion Ratio Lower Upper
240 100
120 4.7 4.3 6.5
236 26.2 20.4 30.6





#77
Benzidine
Concen: 47.695 ng
RT: 19.432 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

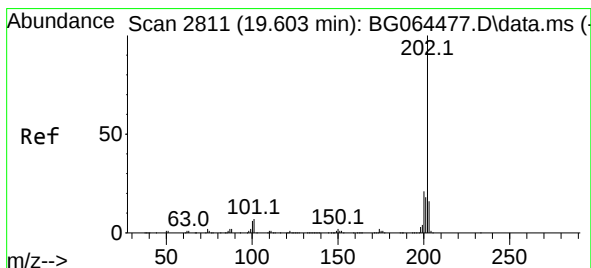
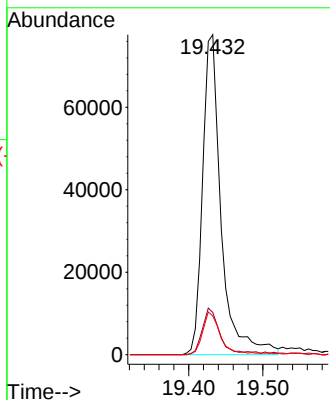
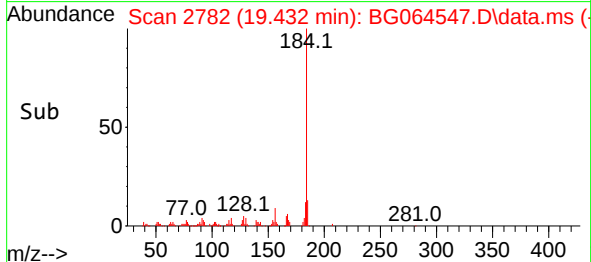
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 134588
Ion Ratio Lower Upper
184 100
185 13.2 10.9 16.3
183 12.1 9.8 14.6

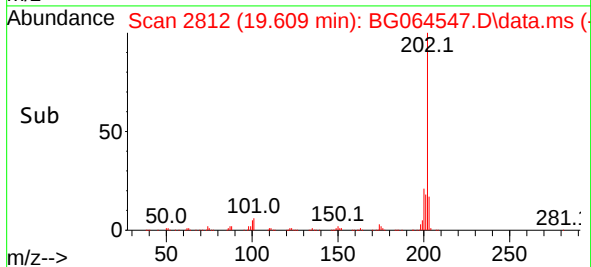
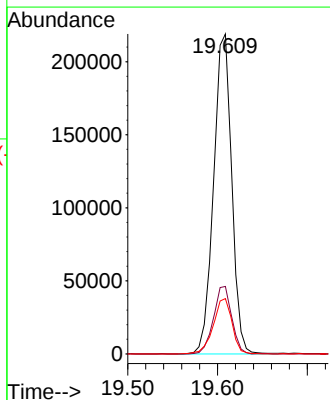
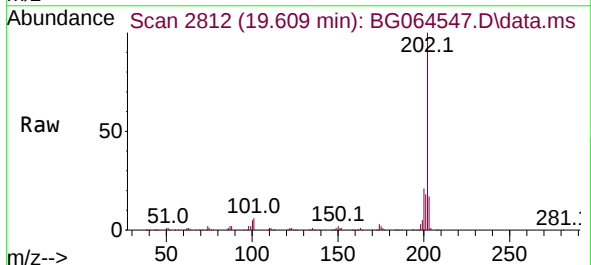
Manual Integrations
APPROVED

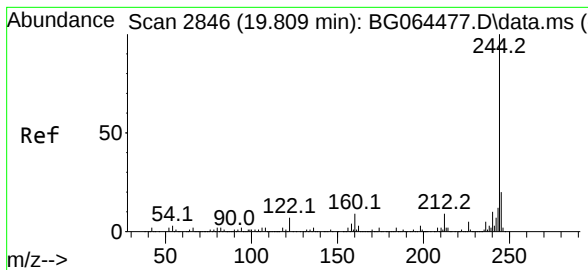
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#78
Pyrene
Concen: 41.769 ng
RT: 19.609 min Scan# 2812
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:202 Resp: 307402
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.3 13.0 19.4





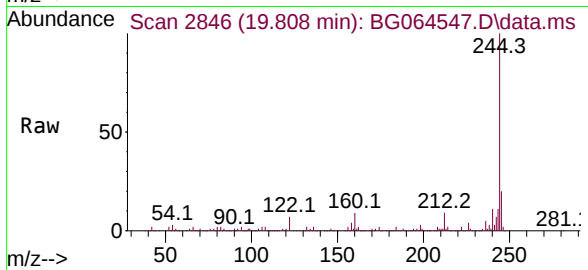
#79
 Terphenyl-d14
 Concen: 85.798 ng
 RT: 19.808 min Scan# 2846
 Delta R.T. 0.002 min
 Lab File: BG064547.D
 Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



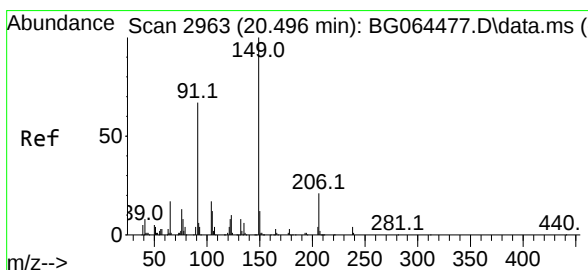
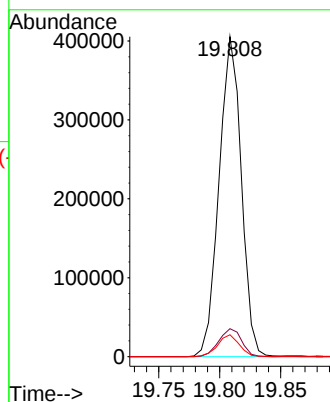
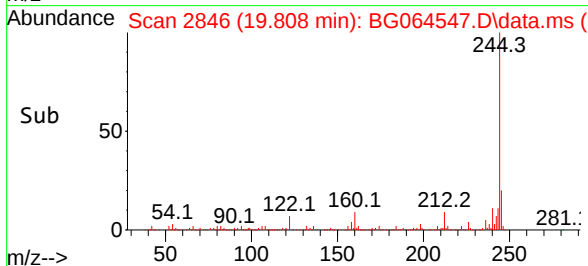
Tgt Ion:244 Resp: 514123
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.6
 122 6.8 5.6 8.4

Manual Integrations

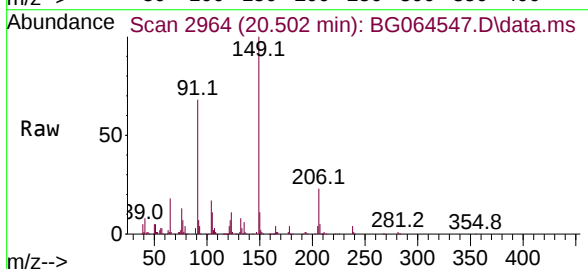
APPROVED

Reviewed By :Rahul Chavli 10/21/2025

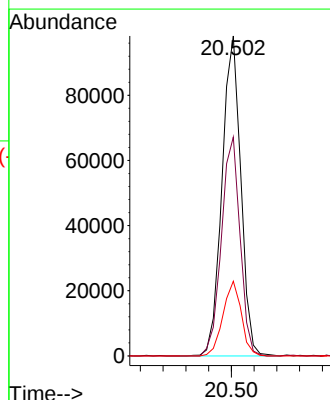
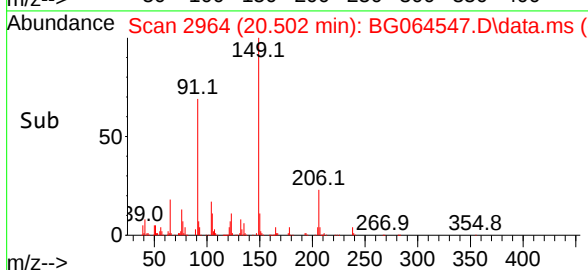
Supervised By :Jagrut Upadhyay 10/21/2025

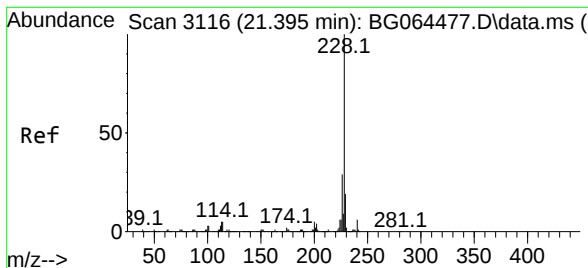


#80
 Butylbenzylphthalate
 Concen: 43.094 ng
 RT: 20.502 min Scan# 2964
 Delta R.T. 0.002 min
 Lab File: BG064547.D
 Acq: 20 Oct 2025 12:44



Tgt Ion:149 Resp: 112428
 Ion Ratio Lower Upper
 149 100
 91 68.4 53.7 80.5
 206 23.3 16.6 24.8





#81

Benzo(a)anthracene

Concen: 42.619 ng

RT: 21.401 min Scan# 3117

Delta R.T. 0.008 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 308599

Ion Ratio Lower Upper

228 100

226 27.3 22.8 34.2

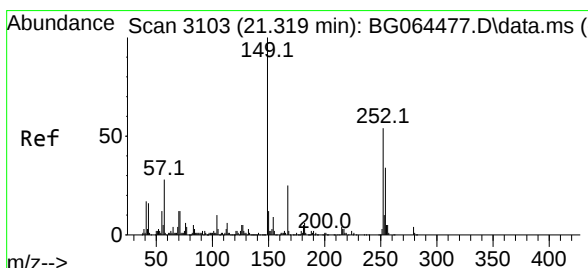
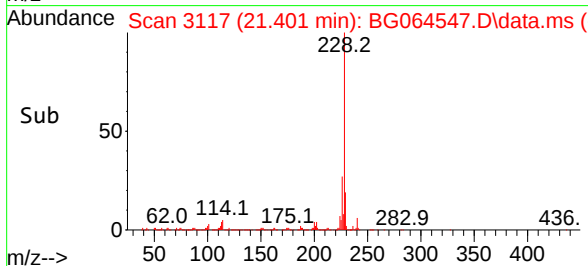
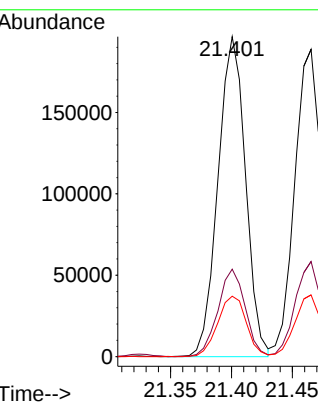
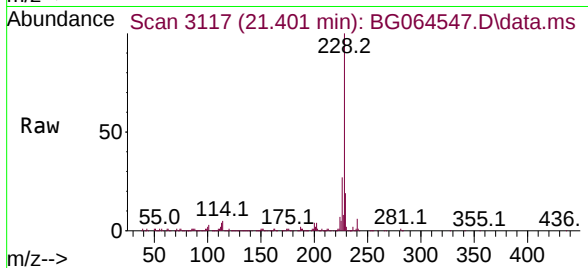
229 18.9 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#82

3,3'-Dichlorobenzidine

Concen: 42.125 ng

RT: 21.324 min Scan# 3104

Delta R.T. 0.008 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

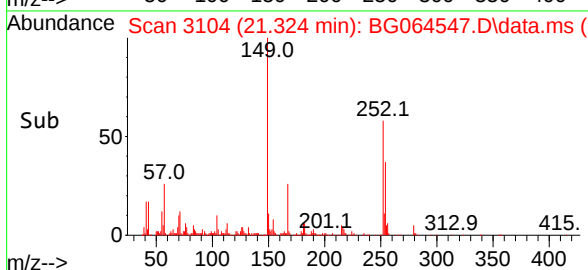
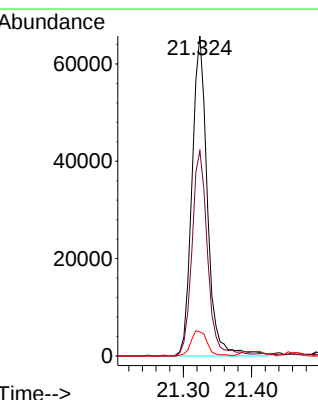
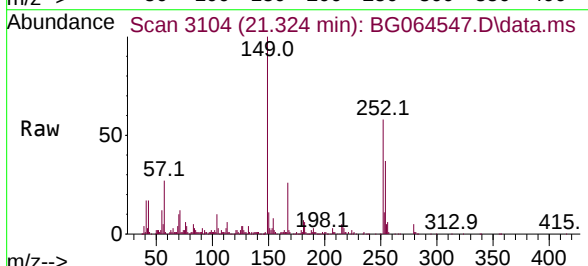
Tgt Ion:252 Resp: 103237

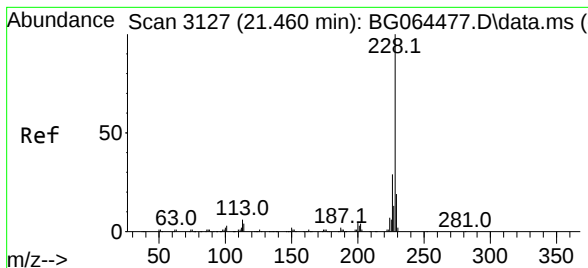
Ion Ratio Lower Upper

252 100

254 64.1 50.5 75.7

126 7.5 7.1 10.7





#83

Chrysene

Concen: 42.501 ng

RT: 21.465 min Scan# 3127

Delta R.T. 0.014 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 291852

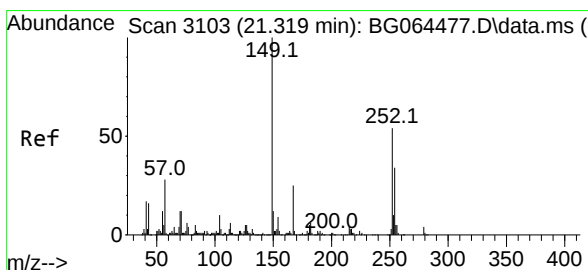
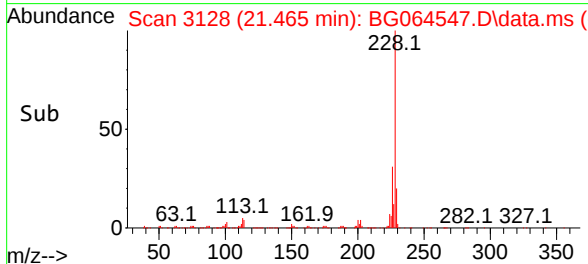
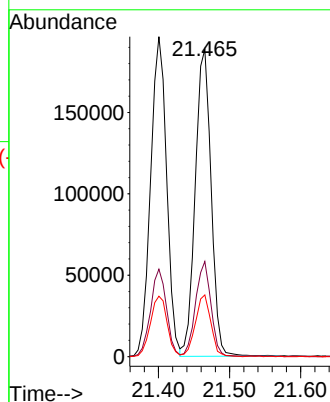
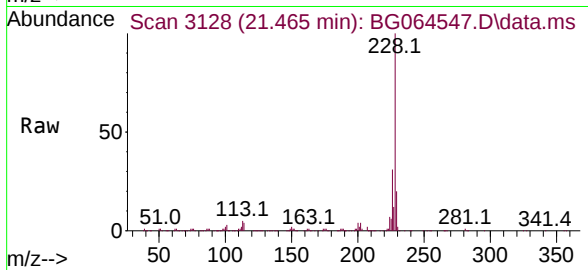
Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.8	34.2
229	20.1	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.703 ng

RT: 21.318 min Scan# 3103

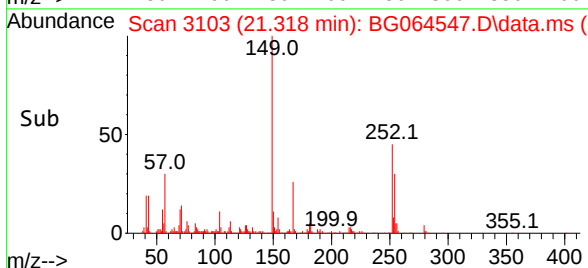
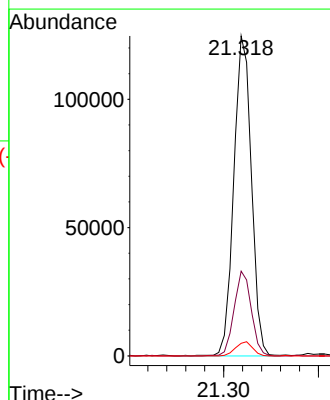
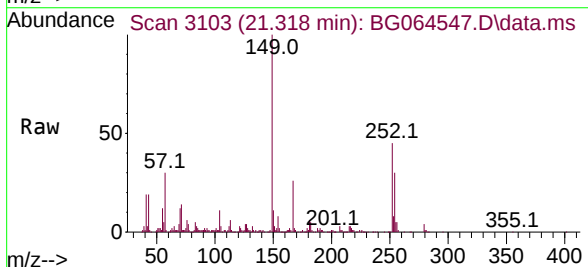
Delta R.T. 0.002 min

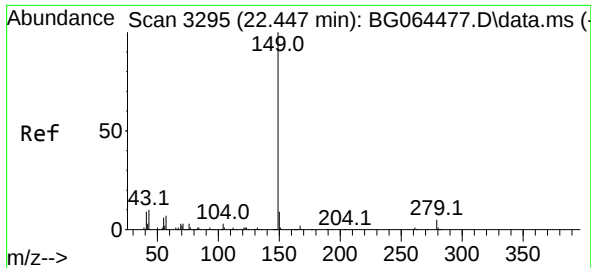
Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Tgt Ion:149 Resp: 160868

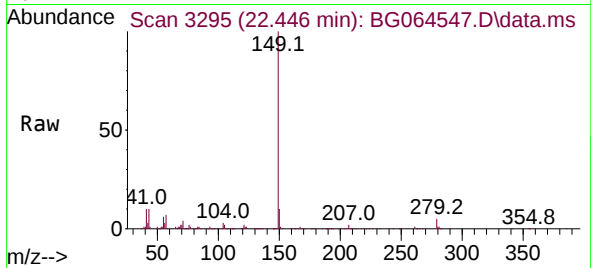
Ion	Ratio	Lower	Upper
149	100		
167	26.5	19.7	29.5
279	3.9	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 43.922 ng
RT: 22.446 min Scan# 31
Delta R.T. 0.008 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

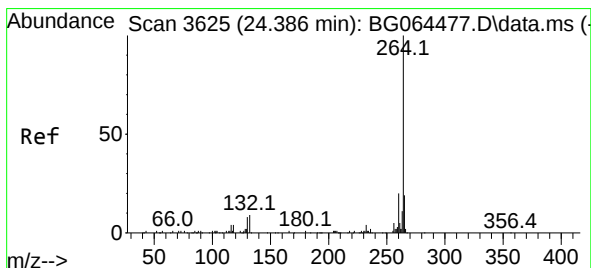
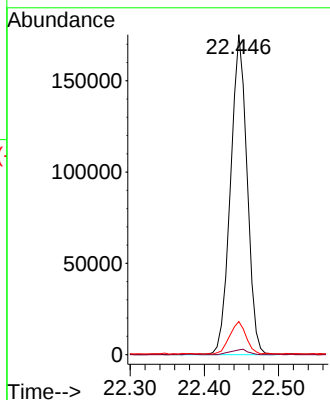
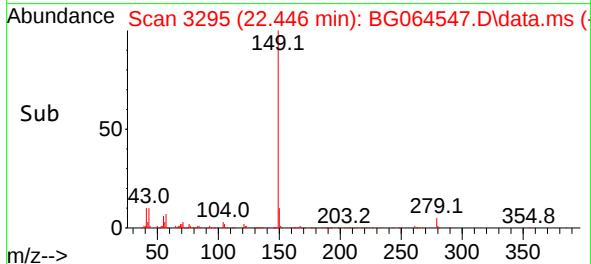
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 271723
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.3 7.9 11.9

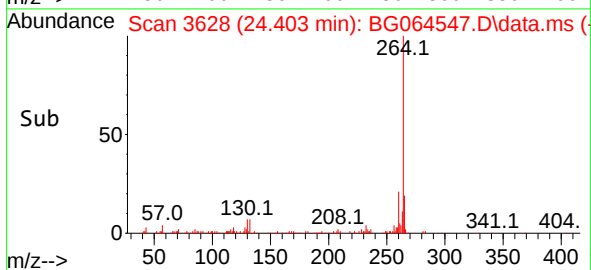
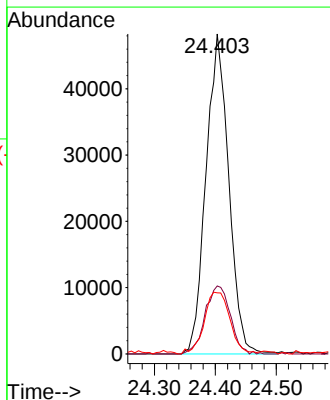
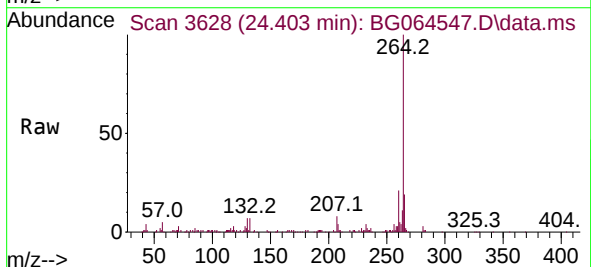
Manual Integrations
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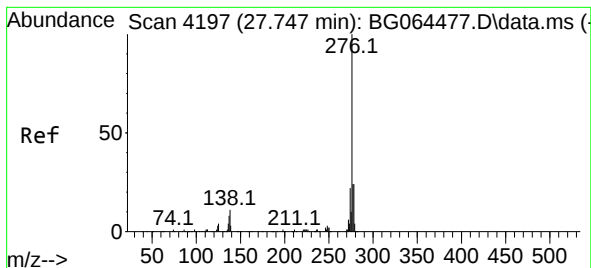
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3628
Delta R.T. 0.014 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

Tgt Ion:264 Resp: 125032
Ion Ratio Lower Upper
264 100
260 21.2 16.2 24.4
265 19.1 15.0 22.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.035 ng

RT: 27.770 min Scan# 4197

Delta R.T. 0.037 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

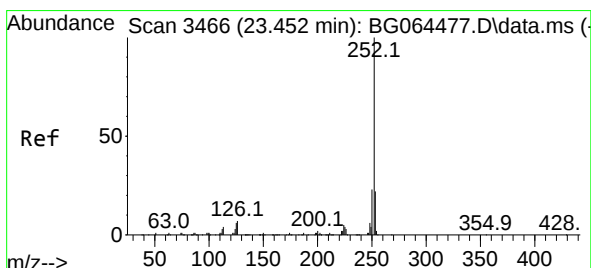
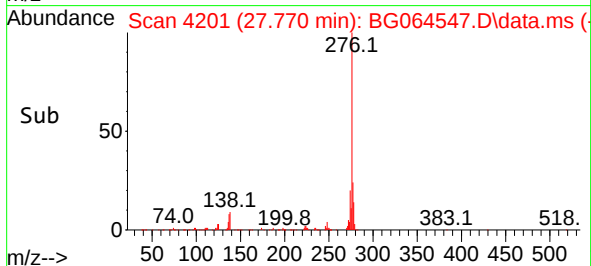
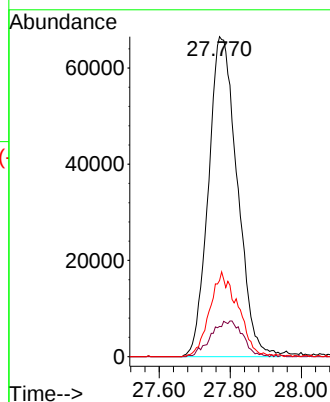
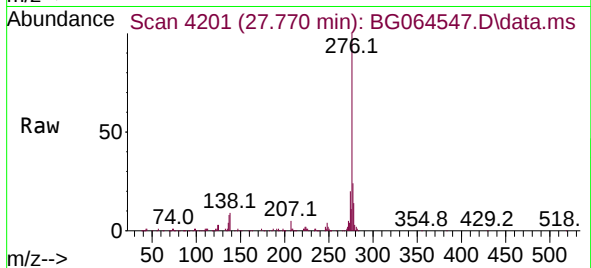
Tgt Ion:	276	Resp:	37453
Ion Ratio	Lower	Upper	
276	100		
138	0.0	10.8	16.2
277	26.0	20.3	30.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#88

Benzo(b)fluoranthene

Concen: 42.780 ng

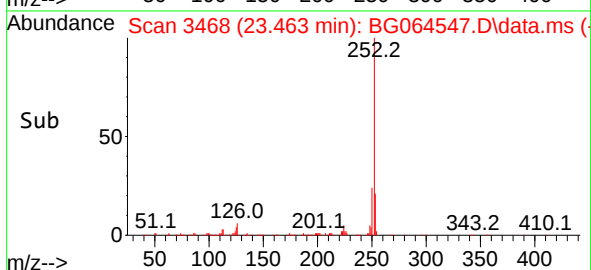
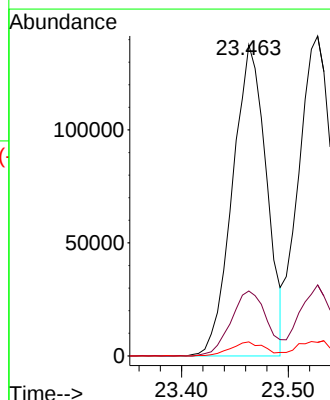
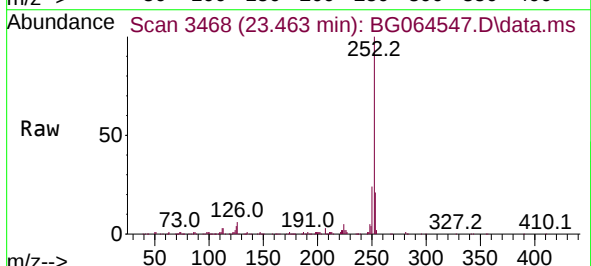
RT: 23.463 min Scan# 3468

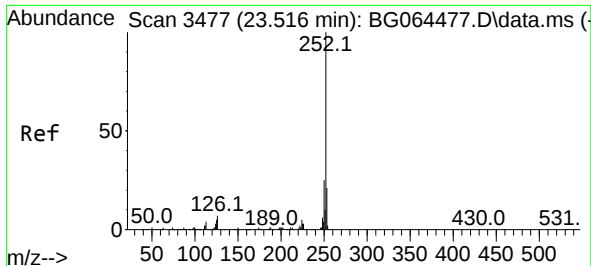
Delta R.T. 0.014 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

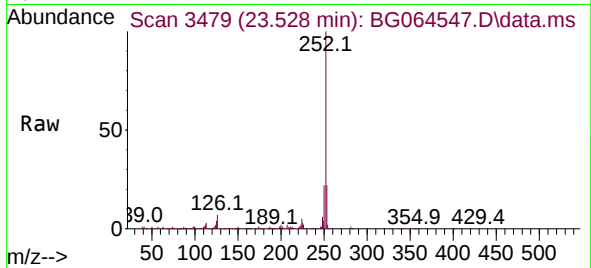
Tgt Ion:	252	Resp:	304295
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.5	26.3
125	4.5	4.5	6.7





#89
Benzo(k)fluoranthene
Concen: 43.893 ng
RT: 23.528 min Scan# 3479
Delta R.T. 0.020 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

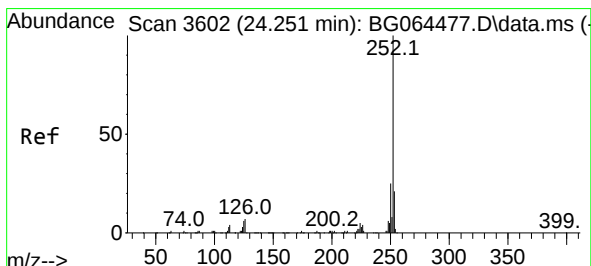
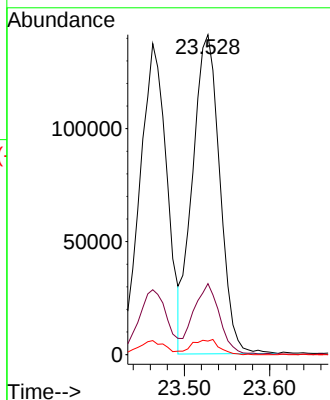
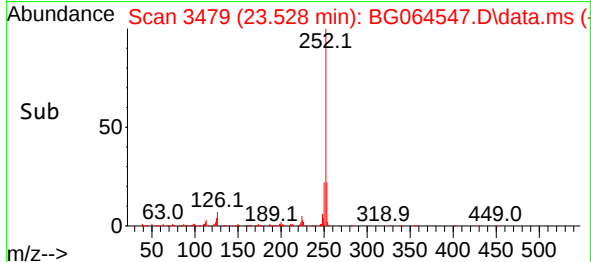
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



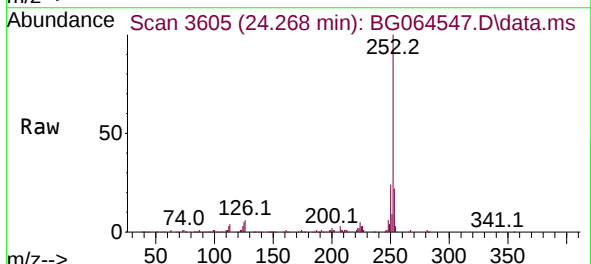
Tgt Ion:252 Resp: 314452
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 4.2 4.0 6.0

Manual Integrations
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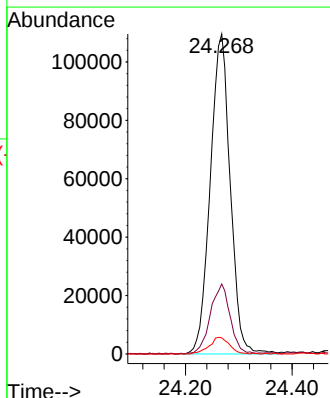
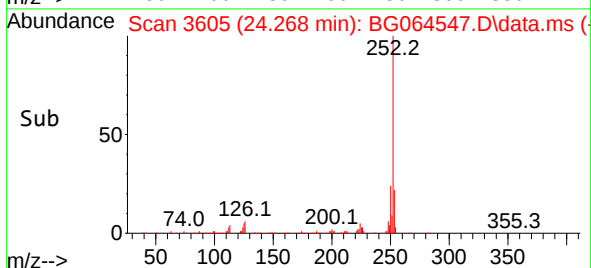
Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

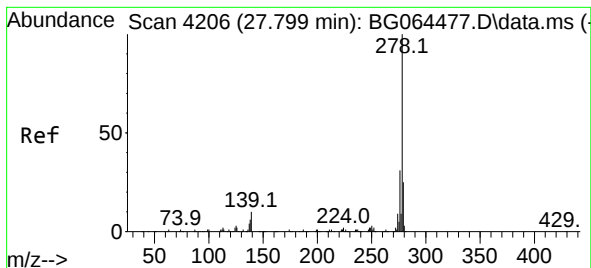


#90
Benzo(a)pyrene
Concen: 43.417 ng
RT: 24.268 min Scan# 3605
Delta R.T. 0.020 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



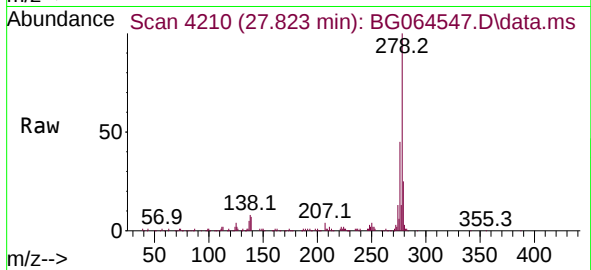
Tgt Ion:252 Resp: 284628
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 5.0 4.6 6.8





#91
Dibenzo(a,h)anthracene
Concen: 43.292 ng
RT: 27.823 min Scan# 41
Delta R.T. 0.043 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44

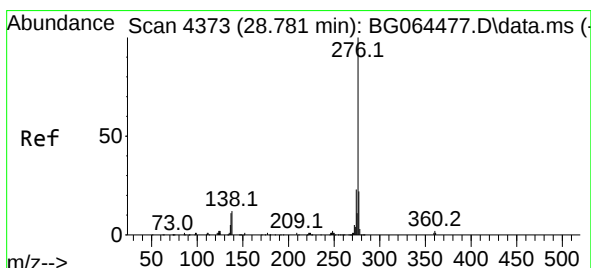
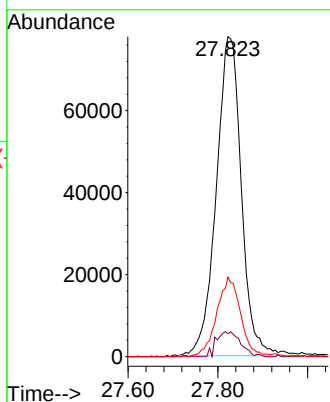
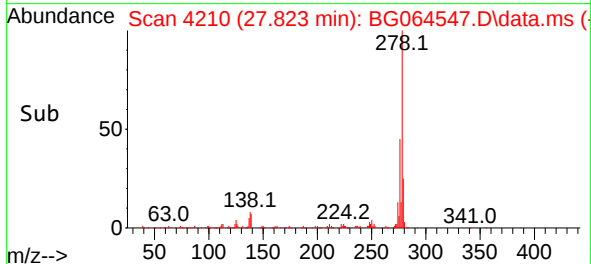
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



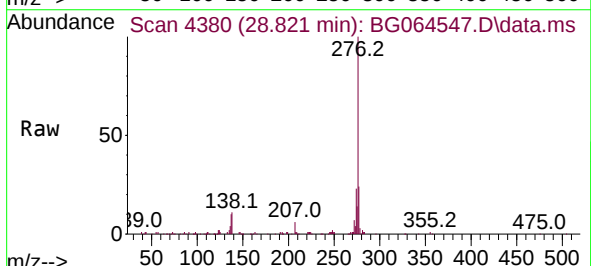
Tgt Ion:278 Resp: 301308
Ion Ratio Lower Upper
278 100
139 7.2 8.2 12.2
279 24.8 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025



#92
Benzo(g,h,i)perylene
Concen: 42.845 ng
RT: 28.821 min Scan# 4380
Delta R.T. 0.055 min
Lab File: BG064547.D
Acq: 20 Oct 2025 12:44



Tgt Ion:276 Resp: 289782
Ion Ratio Lower Upper
276 100
277 24.0 17.8 26.6
138 11.3 9.4 14.0

