

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
 Data File : BG064801.D
 Acq On : 18 Nov 2025 13:34
 Operator : RC/JU
 Sample : PB170598BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170598BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 18 14:10:37 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 17:10:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	43218	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	173831	20.000	ng	0.00
39) Acenaphthene-d10	14.773	164	141529	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	367810	20.000	ng	0.00
76) Chrysene-d12	21.753	240	443295	20.000	ng	0.00
86) Perylene-d12	25.009	264	396280	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	320607	129.541	ng	0.00
7) Phenol-d6	7.312	99	430380	130.743	ng	0.00
23) Nitrobenzene-d5	9.327	82	274952	78.205	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	348692	126.326	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	769531	75.868	ng	0.00
79) Terphenyl-d14	20.091	244	1887131	83.740	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.522	88	30686	32.027	ng	94
3) Pyridine	3.933	79	86035	30.137	ng	98
4) n-Nitrosodimethylamine	3.839	42	57035	39.253	ng	85
6) Aniline	7.476	93	138071	31.468	ng	98
8) 2-Chlorophenol	7.723	128	126216	46.445	ng	96
9) Benzaldehyde	7.288	77	45433	21.084	ng	96
10) Phenol	7.335	94	170064	47.483	ng	98
11) bis(2-Chloroethyl)ether	7.570	93	105576	41.425	ng	98
12) 1,3-Dichlorobenzene	8.052	146	128261	41.016	ng	98
13) 1,4-Dichlorobenzene	8.199	146	133859	42.039	ng	96
14) 1,2-Dichlorobenzene	8.522	146	131229	42.505	ng	99
15) Benzyl Alcohol	8.393	79	124304	46.005	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.686	45	238139	39.476	ng	97
17) 2-Methylphenol	8.598	107	117397	46.325	ng	99
18) Hexachloroethane	9.262	117	47516	39.400	ng	97
19) n-Nitroso-di-n-propyla...	8.968	70	95063	42.711	ng	94
20) 3+4-Methylphenols	8.927	107	159883	46.053	ng	93
22) Acetophenone	8.986	105	221689	46.810	ng	98
24) Nitrobenzene	9.368	77	148453	41.789	ng	99
25) Isophorone	9.897	82	275691	41.177	ng	97
26) 2-Nitrophenol	10.079	139	71917	45.009	ng	98
27) 2,4-Dimethylphenol	10.138	122	127345	44.861	ng	95
28) bis(2-Chloroethoxy)met...	10.373	93	159049	43.271	ng	100
29) 2,4-Dichlorophenol	10.620	162	144305	47.349	ng	98
30) 1,2,4-Trichlorobenzene	10.843	180	158061	42.950	ng	96
31) Naphthalene	11.031	128	403850	40.983	ng	99
32) Benzoic acid	10.279	122	90686	45.600	ng	98
33) 4-Chloroaniline	11.131	127	86450	21.931	ng	96
34) Hexachlorobutadiene	11.319	225	122831	38.900	ng	97
35) Caprolactam	11.894	113	43550m	47.776	ng	
36) 4-Chloro-3-methylphenol	12.235	107	157593	46.458	ng	98
37) 2-Methylnaphthalene	12.623	142	277614	37.647	ng	97
38) 1-Methylnaphthalene	12.840	142	290858	39.707	ng	99
40) 1,2,4,5-Tetrachloroben...	12.987	216	246950	44.836	ng	98
41) Hexachlorocyclopentadiene	12.970	237	268004	67.885	ng	96
43) 2,4,6-Trichlorophenol	13.216	196	145125	44.893	ng	97

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Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 18 14:10:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

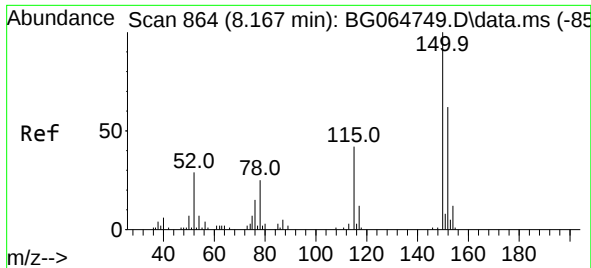
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	165963	45.775	ng	97
46) 1,1'-Biphenyl	13.616	154	470212	46.257	ng	97
47) 2-Chloronaphthalene	13.663	162	328320	40.997	ng	98
48) 2-Nitroaniline	13.851	65	120555	46.803	ng	98
49) Acenaphthylene	14.497	152	586359	42.858	ng	97
50) Dimethylphthalate	14.221	163	484501	43.337	ng	98
51) 2,6-Dinitrotoluene	14.339	165	102738	47.757	ng	92
52) Acenaphthene	14.838	154	410238	50.009	ng	98
53) 3-Nitroaniline	14.662	138	75948	35.770	ng	92
54) 2,4-Dinitrophenol	14.867	184	139949	93.363	ng	96
55) Dibenzofuran	15.167	168	581920	42.909	ng	97
56) 4-Nitrophenol	14.967	139	170404	101.154	ng	94
57) 2,4-Dinitrotoluene	15.120	165	153542	47.607	ng	96
58) Fluorene	15.813	166	457504	43.012	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.390	232	179384	50.146	ng	96
60) Diethylphthalate	15.573	149	473056	44.170	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	270621	42.394	ng	99
62) 4-Nitroaniline	15.819	138	105045	47.756	ng	89
63) Azobenzene	16.090	77	397385	44.610	ng	99
65) 4,6-Dinitro-2-methylph...	15.878	198	102654	50.267	ng	96
66) n-Nitrosodiphenylamine	16.013	169	421718	43.773	ng	98
67) 4-Bromophenyl-phenylether	16.689	248	204256	42.288	ng	98
68) Hexachlorobenzene	16.812	284	242834	41.496	ng	99
69) Atrazine	16.947	200	197821	42.588	ng	97
70) Pentachlorophenol	17.153	266	327276	93.392	ng	98
71) Phenanthrene	17.547	178	866605	43.063	ng	99
72) Anthracene	17.635	178	867959	42.298	ng	99
73) Carbazole	17.899	167	774488	43.904	ng	100
74) Di-n-butylphthalate	18.446	149	850709	43.226	ng	99
75) Fluoranthene	19.538	202	1137730	41.344	ng	99
77) Benzidine	19.709	184	237348	17.878	ng	99
78) Pyrene	19.897	202	1185154	47.702	ng	99
80) Butylbenzylphthalate	20.766	149	402517	46.061	ng	97
81) Benzo(a)anthracene	21.736	228	1279527	42.449	ng	99
82) 3,3'-Dichlorobenzidine	21.642	252	327800	29.546	ng	99
83) Chrysene	21.801	228	1213460	42.701	ng	99
84) Bis(2-ethylhexyl)phtha...	21.630	149	553281	43.327	ng	99
85) Di-n-octyl phthalate	22.852	149	927516	42.020	ng	98
87) Indeno(1,2,3-cd)pyrene	28.745	276	1314214	48.271	ng	# 95
88) Benzo(b)fluoranthene	23.974	252	1203332	47.716	ng	99
89) Benzo(k)fluoranthene	24.045	252	1244574	49.123	ng	99
90) Benzo(a)pyrene	24.862	252	1127879	48.213	ng	# 97
91) Dibenzo(a,h)anthracene	28.816	278	1096913	49.180	ng	96
92) Benzo(g,h,i)perylene	29.909	276	1057418	49.262	ng	95

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

Manual Integrations

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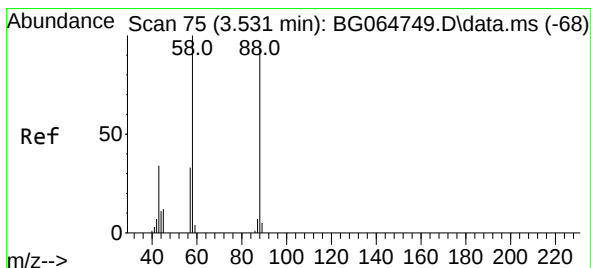
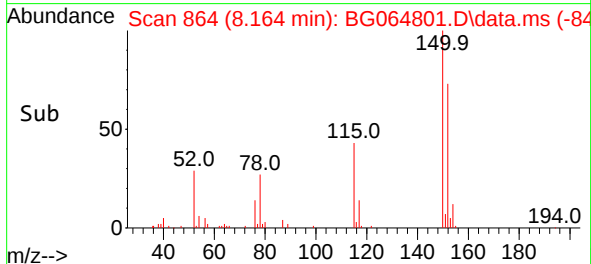
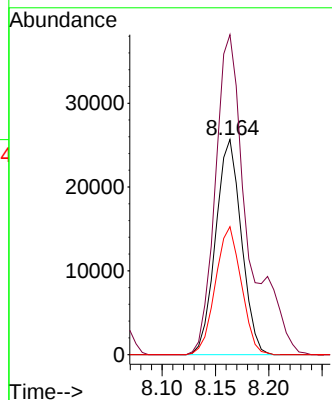
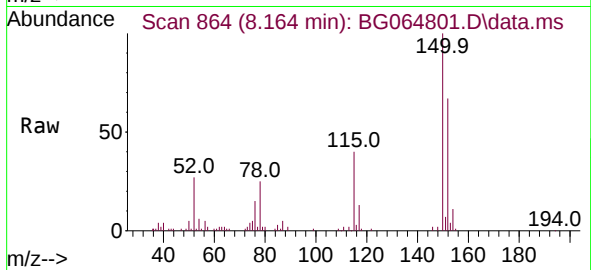
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.164 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: BG064801.D
 Acq: 18 Nov 2025 13:34

Instrument :
 BNA_G
 ClientSampleId :
 PB170598BS

Tgt Ion:152 Resp: 43218
 Ion Ratio Lower Upper
 152 100
 150 148.8 129.2 193.8
 115 59.4 53.7 80.5

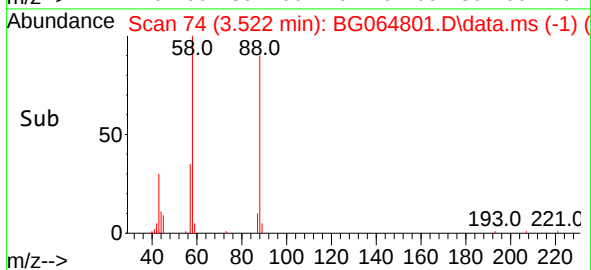
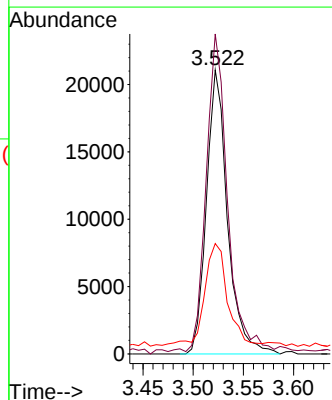
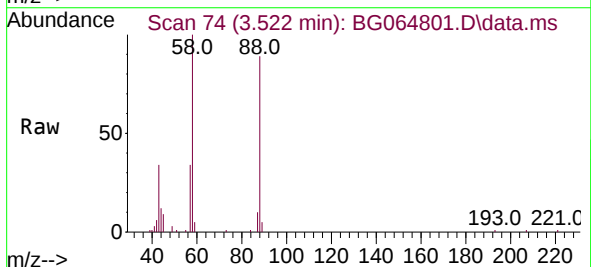
Manual Integrations
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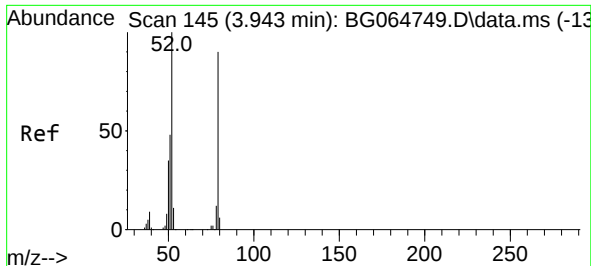
Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025



#2
 1,4-Dioxane
 Concen: 32.027 ng
 RT: 3.522 min Scan# 74
 Delta R.T. -0.010 min
 Lab File: BG064801.D
 Acq: 18 Nov 2025 13:34

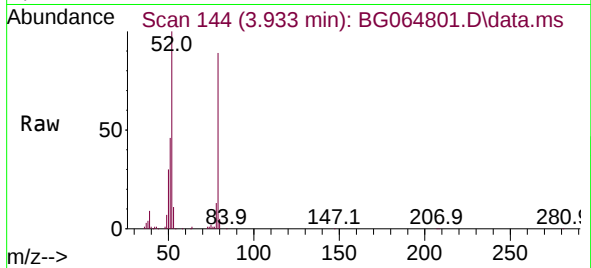
Tgt Ion: 88 Resp: 30686
 Ion Ratio Lower Upper
 88 100
 58 112.9 84.6 126.8
 43 38.6 30.0 45.0





#3
Pyridine
Concen: 30.137 ng
RT: 3.933 min Scan# 145
Delta R.T. -0.010 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

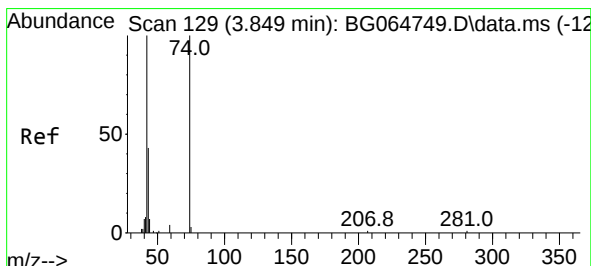
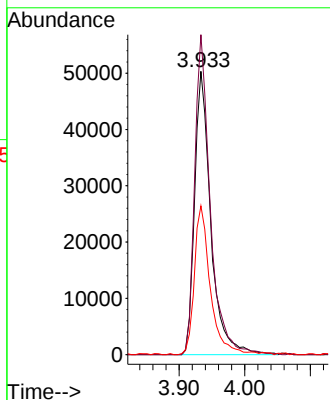
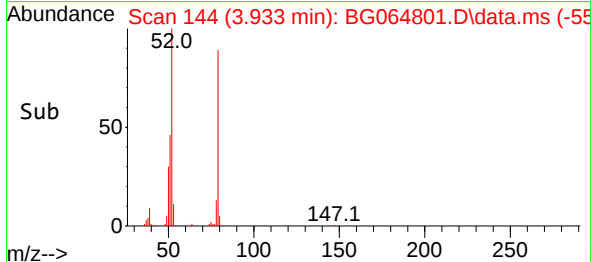
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion: 79 Resp: 86035
Ion Ratio Lower Upper
79 100
52 112.9 89.0 133.4
51 52.5 43.4 65.0

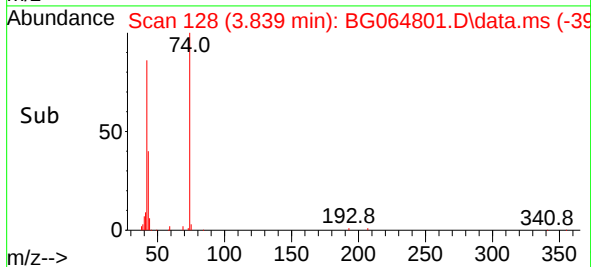
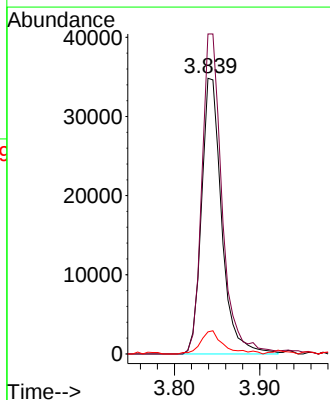
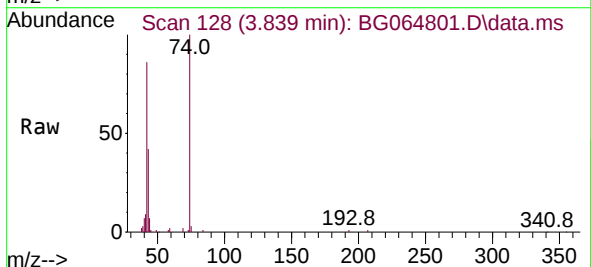
Manual Integrations
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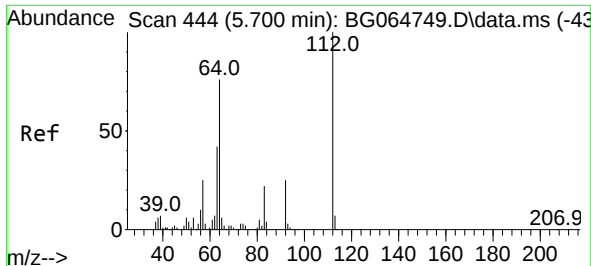
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#4
n-Nitrosodimethylamine
Concen: 39.253 ng
RT: 3.839 min Scan# 128
Delta R.T. -0.010 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

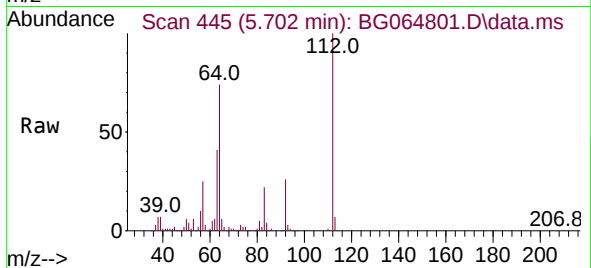
Tgt Ion: 42 Resp: 57035
Ion Ratio Lower Upper
42 100
74 116.1 79.8 119.6
44 8.0 5.9 8.9





#5
2-Fluorophenol
Concen: 129.541 ng
RT: 5.702 min Scan# 444
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

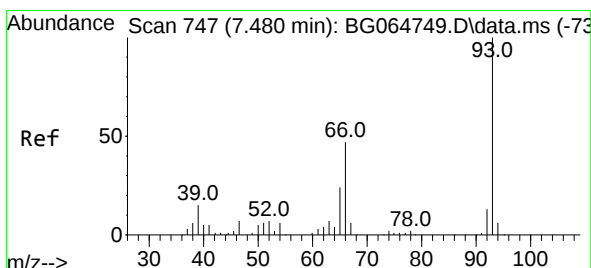
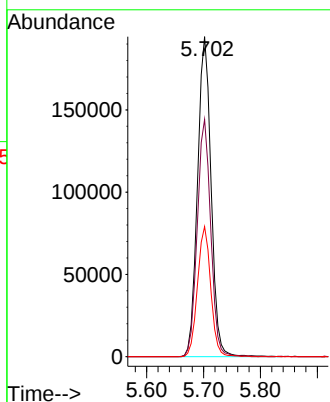
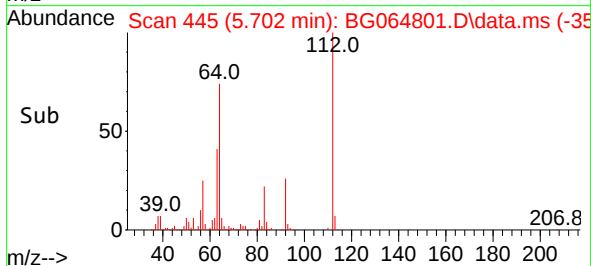
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion:112 Resp: 32060
Ion Ratio Lower Upper
112 100
64 74.1 61.0 91.4
63 40.6 33.3 49.9

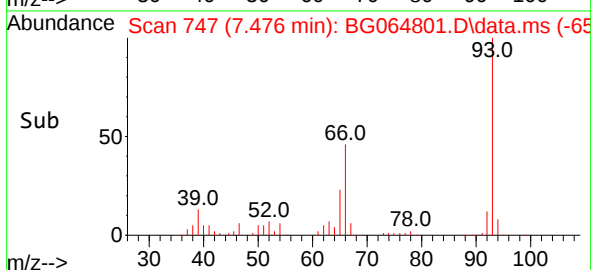
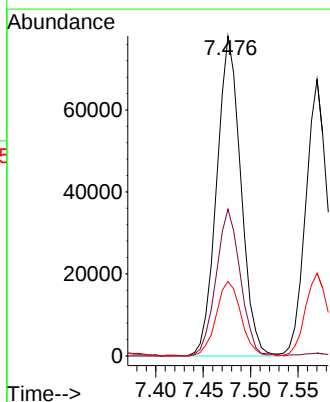
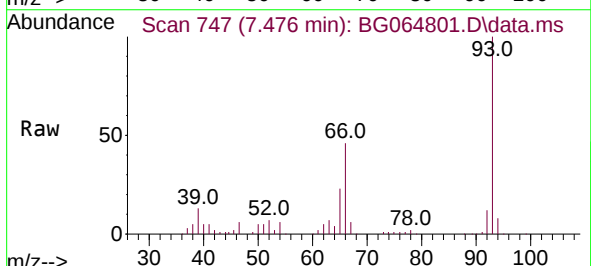
Manual Integrations
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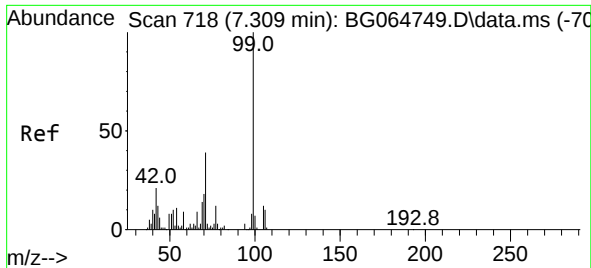
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#6
Aniline
Concen: 31.468 ng
RT: 7.476 min Scan# 747
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

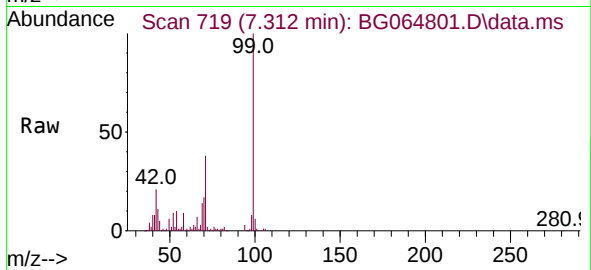
Tgt Ion: 93 Resp: 138071
Ion Ratio Lower Upper
93 100
66 45.8 37.7 56.5
65 23.2 19.1 28.7





#7
Phenol-d6
Concen: 130.743 ng
RT: 7.312 min Scan# 718
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

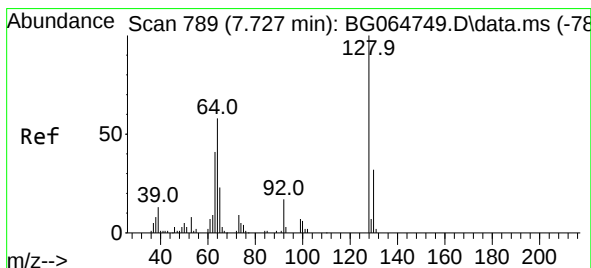
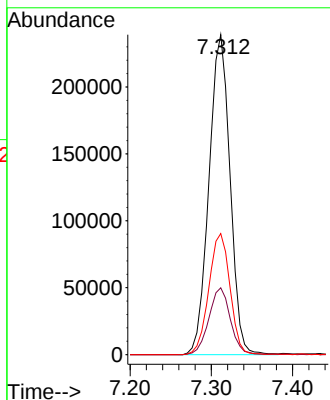
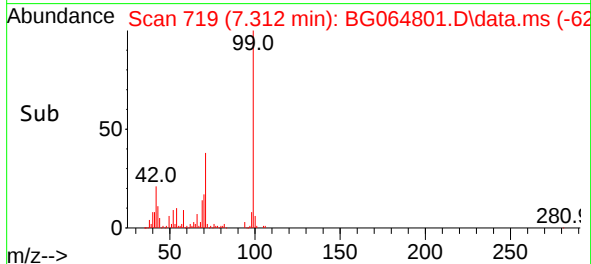
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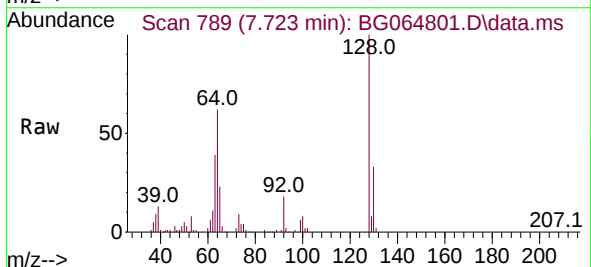
Tgt Ion: 99 Resp: 430380
Ion Ratio Lower Upper
99 100
42 20.9 16.8 25.2
71 37.8 31.1 46.7

Manual Integrations
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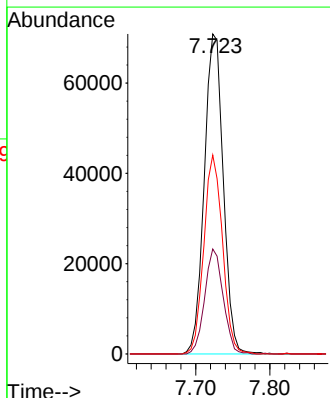
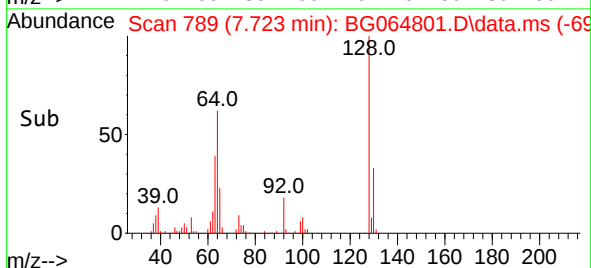
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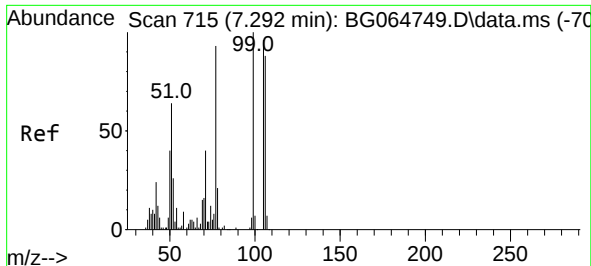


#8
2-Chlorophenol
Concen: 46.445 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



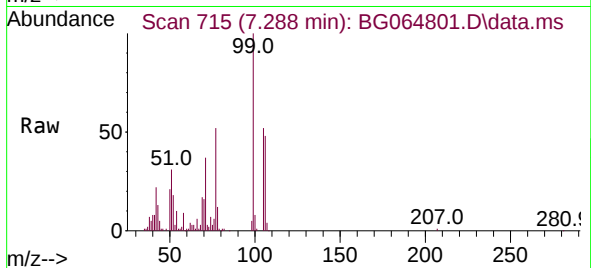
Tgt Ion:128 Resp: 126216
Ion Ratio Lower Upper
128 100
130 32.8 11.9 51.9
64 62.1 38.4 78.4





#9
Benzaldehyde
Concen: 21.084 ng
RT: 7.288 min Scan# 715
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

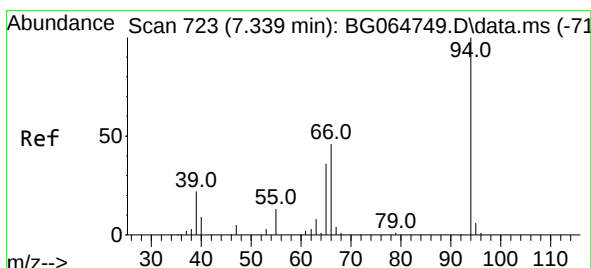
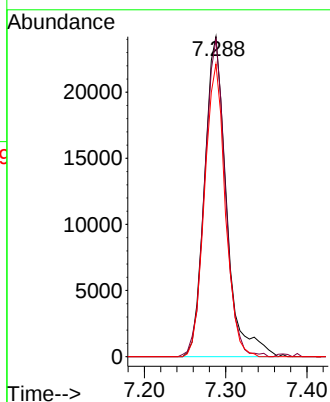
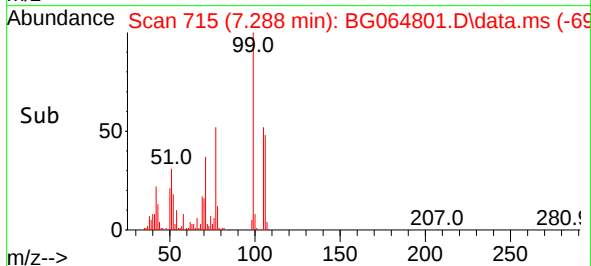
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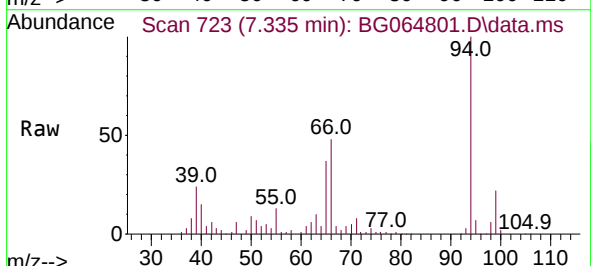
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Ion Ratio Lower Upper
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105 99.1 83.8 123.8
106 91.4 74.3 114.3

Manual Integrations
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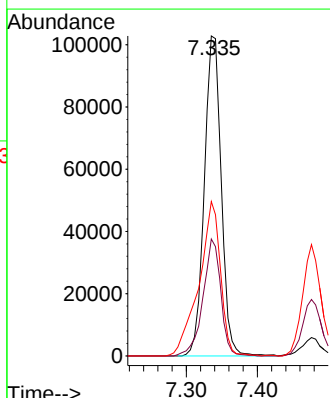
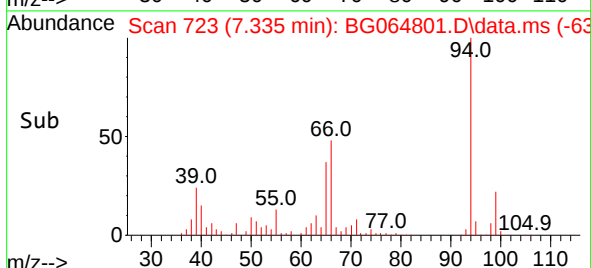
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

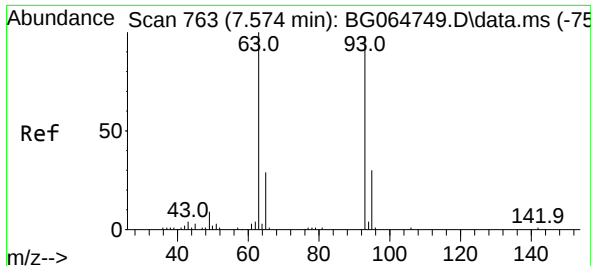


#10
Phenol
Concen: 47.483 ng
RT: 7.335 min Scan# 723
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion: 94 Resp: 170064
Ion Ratio Lower Upper
94 100
65 36.5 17.0 57.0
66 48.2 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 41.425 ng
RT: 7.570 min Scan# 763
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

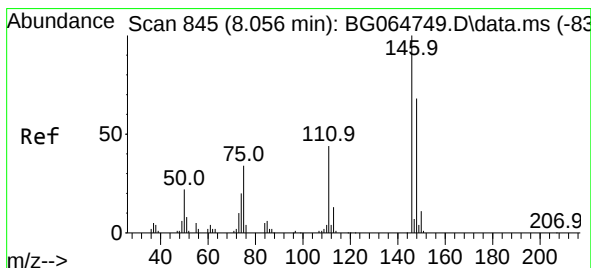
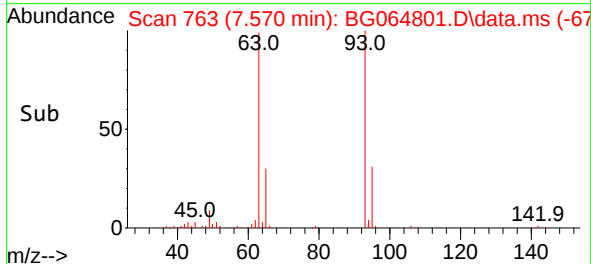
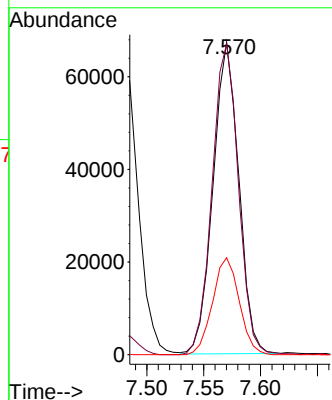
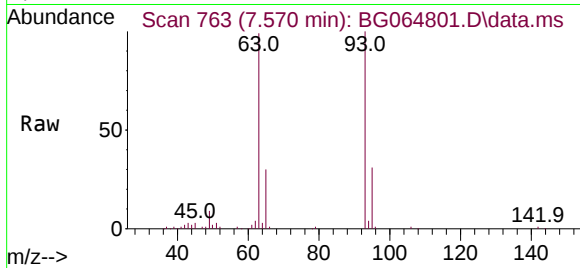
ClientSampleId :

PB170598BS

Tgt Ion: 93 Resp: 105576
Ion Ratio Lower Upper
93 100
63 99.4 81.8 121.8
95 31.0 10.3 50.3

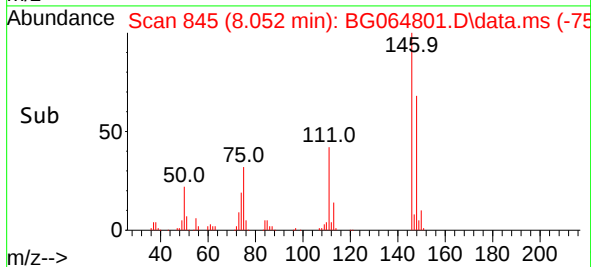
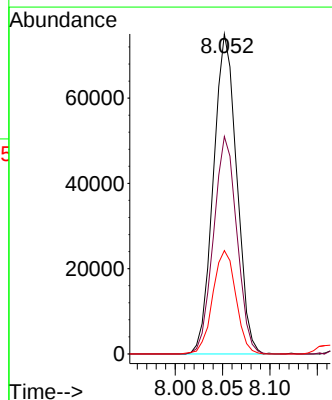
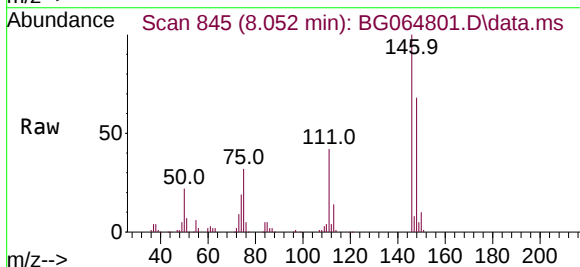
Manual Integrations
APPROVED

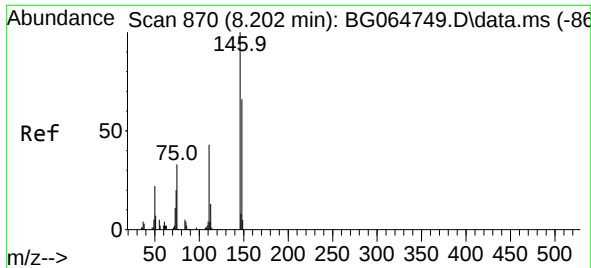
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#12
1,3-Dichlorobenzene
Concen: 41.016 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

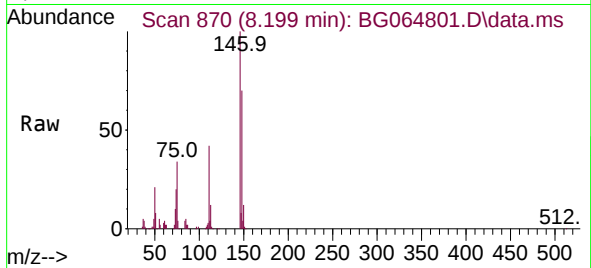
Tgt Ion:146 Resp: 128261
Ion Ratio Lower Upper
146 100
148 67.9 54.6 82.0
75 32.3 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 42.039 ng
RT: 8.199 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

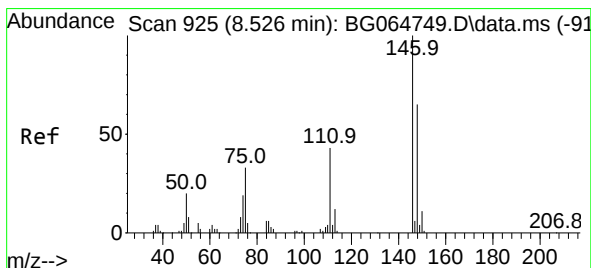
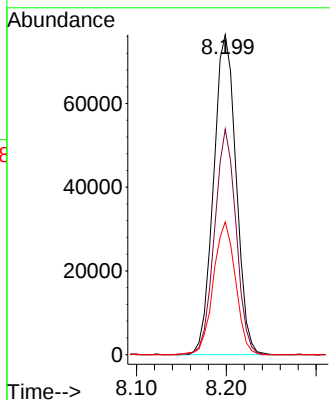
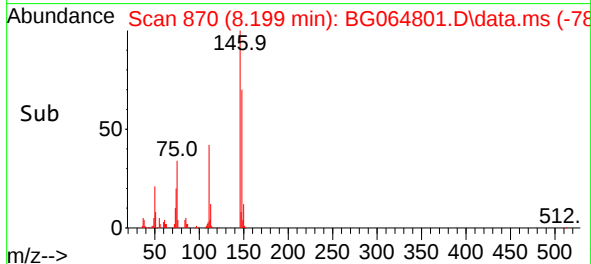
Instrument :
BNA_G
ClientSampleId :
PB170598BS



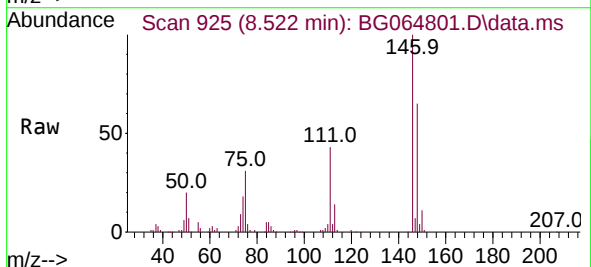
Tgt Ion:146 Resp: 133859
Ion Ratio Lower Upper
146 100
148 70.5 53.1 79.7
111 41.5 34.1 51.1

Manual Integrations
APPROVED

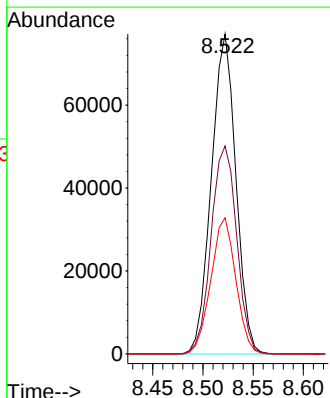
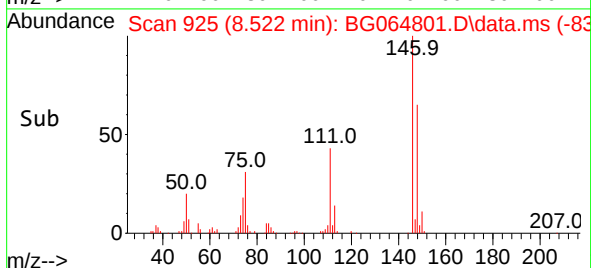
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

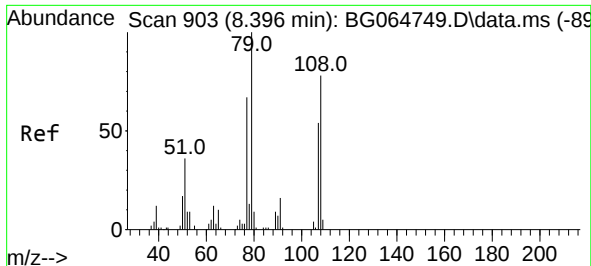


#14
1,2-Dichlorobenzene
Concen: 42.505 ng
RT: 8.522 min Scan# 925
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



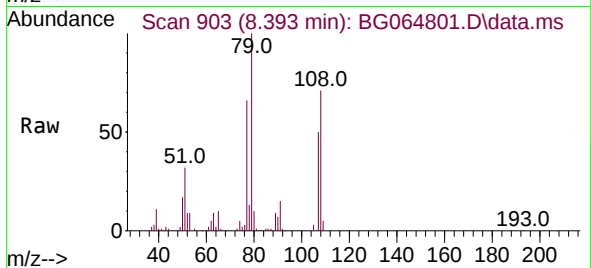
Tgt Ion:146 Resp: 131229
Ion Ratio Lower Upper
146 100
148 65.0 52.0 78.0
111 42.5 34.7 52.1





#15
Benzyl Alcohol
Concen: 46.005 ng
RT: 8.393 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

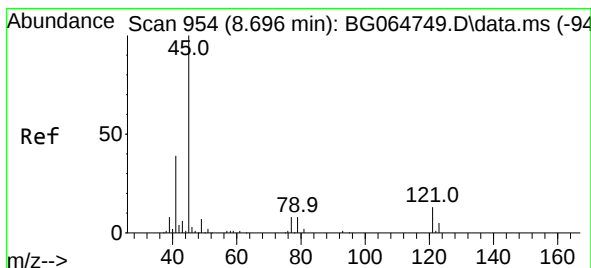
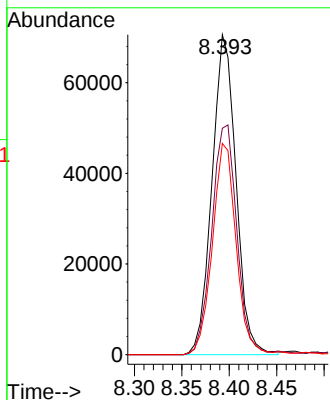
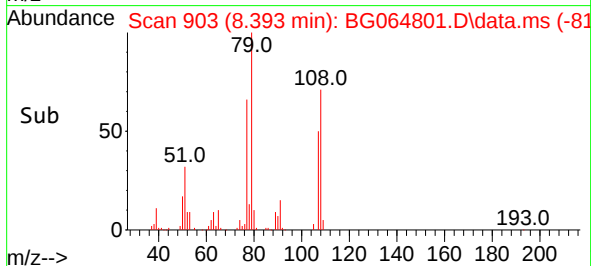
Instrument :
BNA_G
ClientSampleId :
PB170598BS



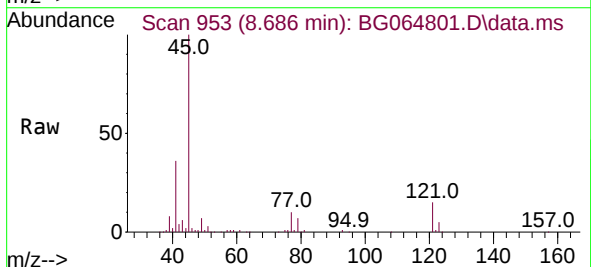
Tgt Ion: 79 Resp: 124304
Ion Ratio Lower Upper
79 100
108 70.7 62.3 93.5
77 66.0 53.5 80.3

Manual Integrations
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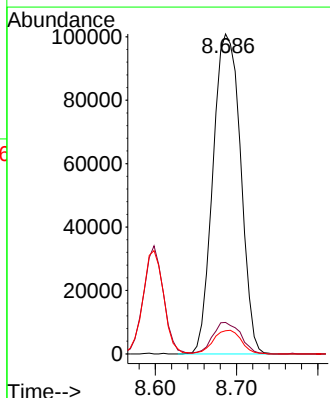
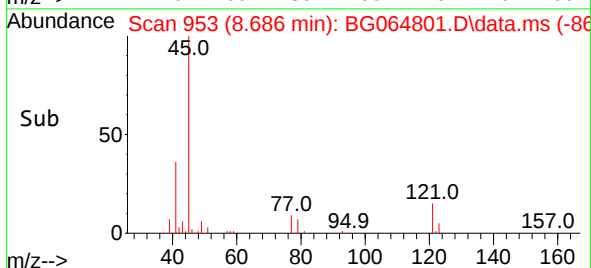
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

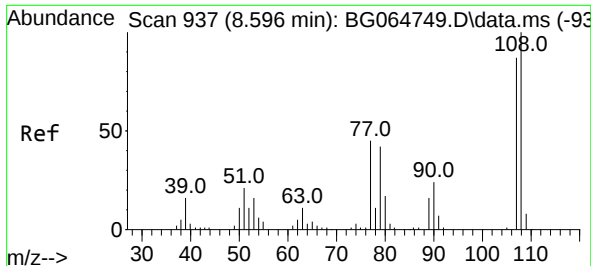


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.476 ng
RT: 8.686 min Scan# 953
Delta R.T. -0.010 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



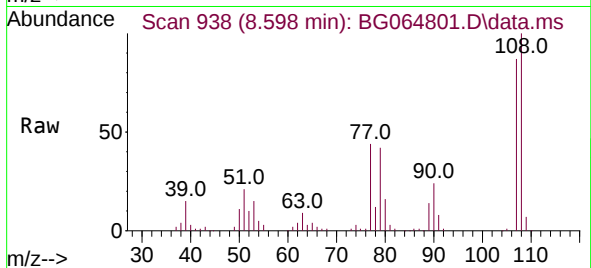
Tgt Ion: 45 Resp: 238139
Ion Ratio Lower Upper
45 100
77 9.8 0.0 28.8
79 7.2 0.0 28.1





#17
2-Methylphenol
Concen: 46.325 ng
RT: 8.598 min Scan# 937
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

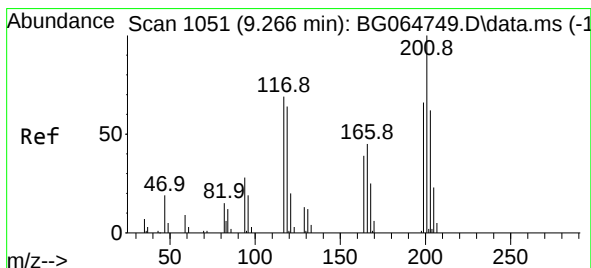
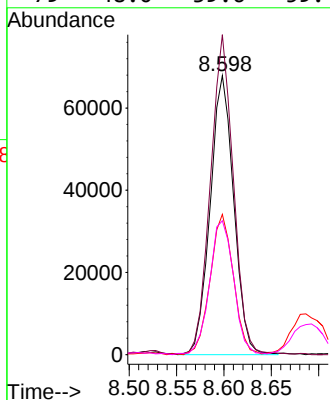
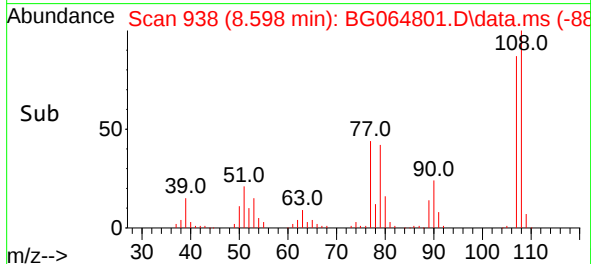
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion:107 Resp: 117392
Ion Ratio Lower Upper
107 100
108 114.7 92.6 138.8
77 50.3 41.2 61.8
79 48.0 39.6 59.4

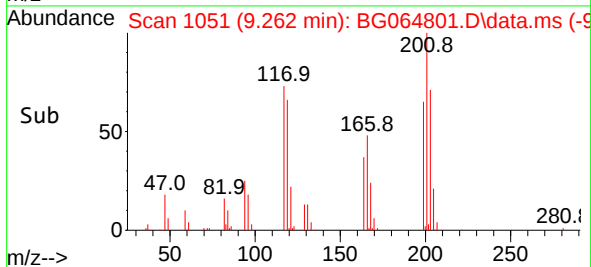
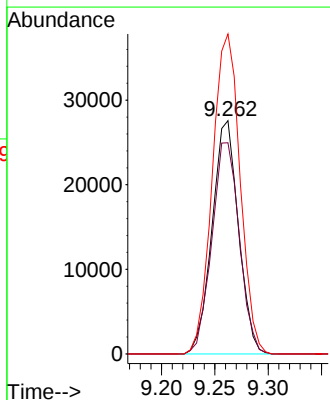
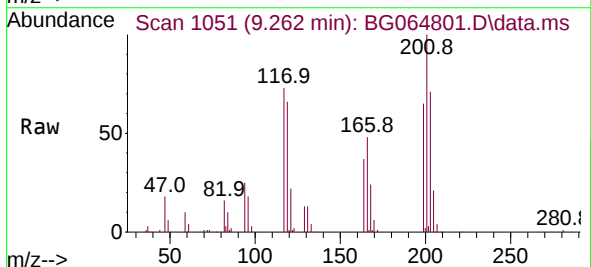
Manual Integrations
APPROVED

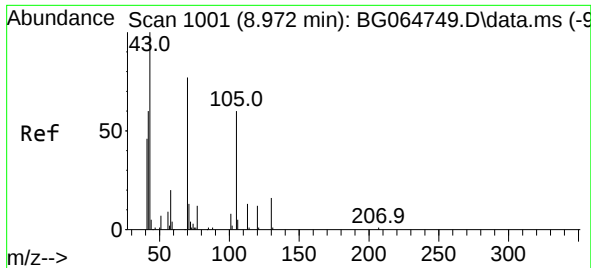
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#18
Hexachloroethane
Concen: 39.400 ng
RT: 9.262 min Scan# 1051
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

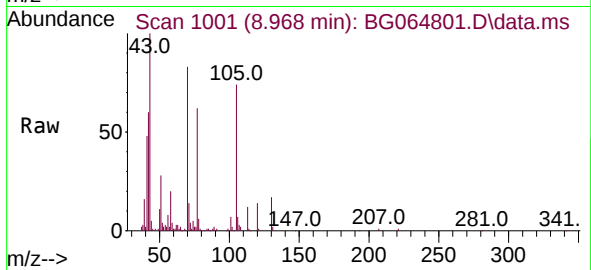
Tgt Ion:117 Resp: 47516
Ion Ratio Lower Upper
117 100
119 90.5 74.4 111.6
201 140.9 116.5 174.7





#19
n-Nitroso-di-n-propylamine
Concen: 42.711 ng
RT: 8.968 min Scan# 1001
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

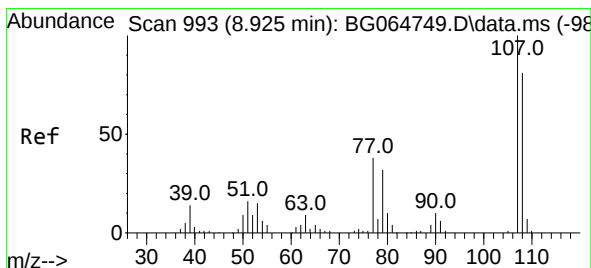
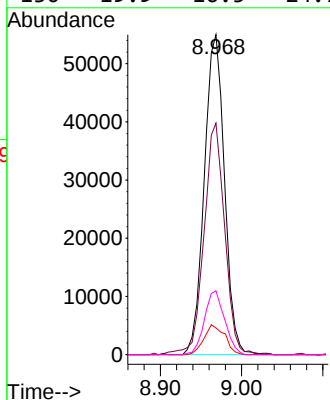
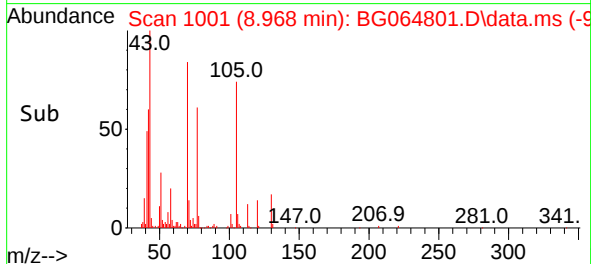
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion: 70 Resp: 95063
Ion Ratio Lower Upper
70 100
42 72.3 62.6 93.8
101 8.3 8.0 12.0
130 19.9 16.5 24.7

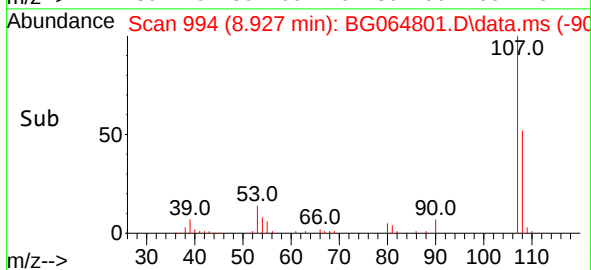
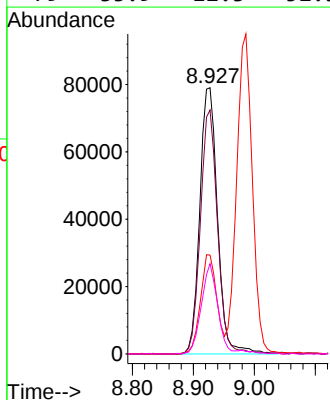
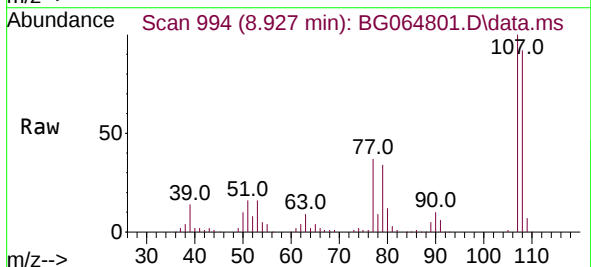
Manual Integrations
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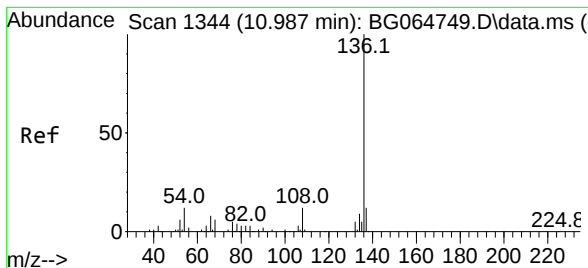
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#20
3+4-Methylphenols
Concen: 46.053 ng
RT: 8.927 min Scan# 994
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:107 Resp: 159883
Ion Ratio Lower Upper
107 100
108 91.6 61.0 101.0
77 37.1 17.6 57.6
79 33.9 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 1344
Delta R.T. -0.009 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

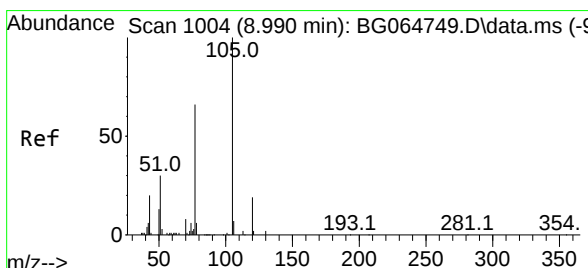
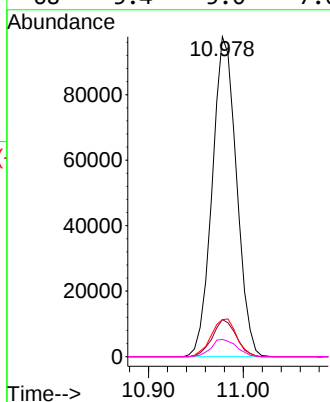
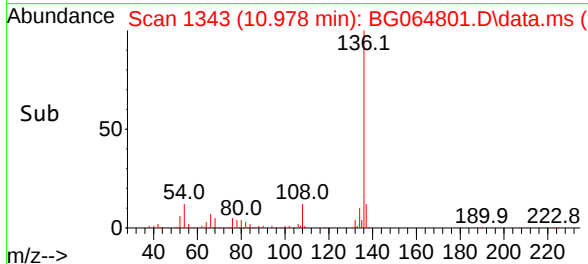
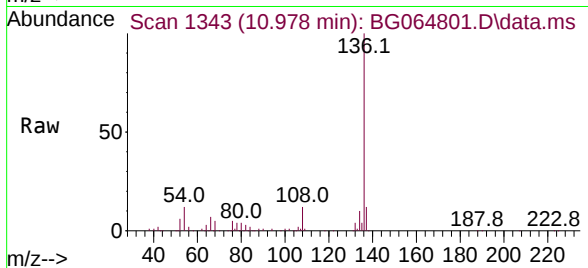
ClientSampleId :

PB170598BS

Tgt Ion:136 Resp: 17383
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 11.5 9.3 13.9
68 5.4 5.0 7.6

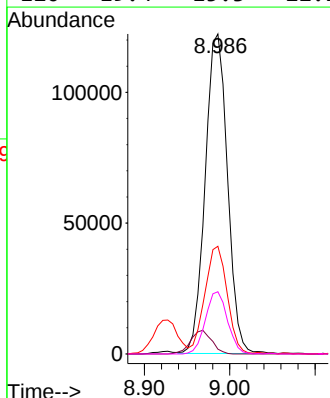
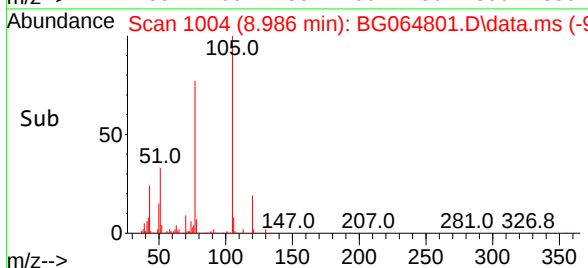
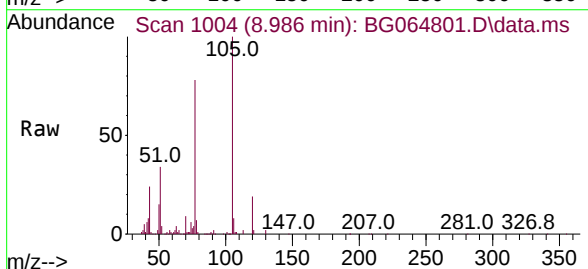
Manual Integrations
APPROVED

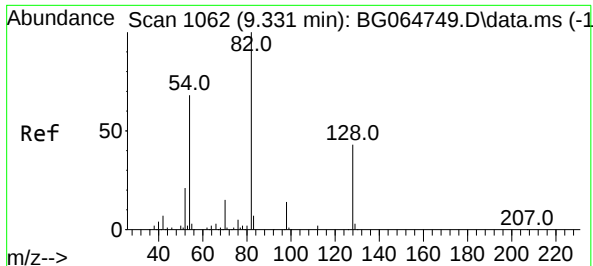
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#22
Acetophenone
Concen: 46.810 ng
RT: 8.986 min Scan# 1004
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:105 Resp: 221689
Ion Ratio Lower Upper
105 100
71 1.5 1.3 1.9
51 33.6 27.9 41.9
120 19.4 15.3 22.9





#23

Nitrobenzene-d5

Concen: 78.205 ng

RT: 9.327 min Scan# 1062

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

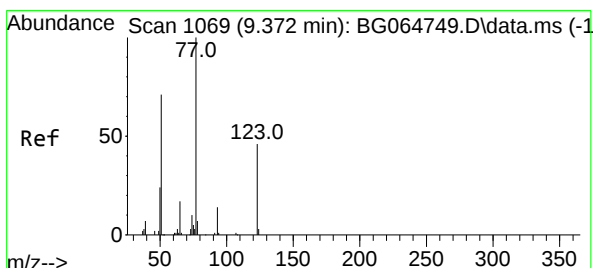
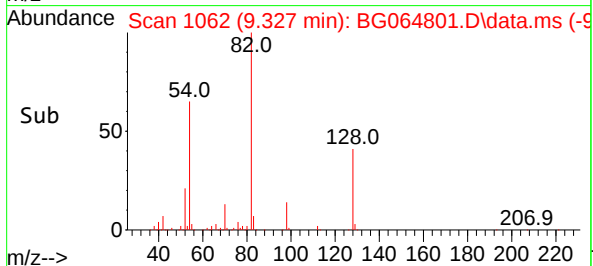
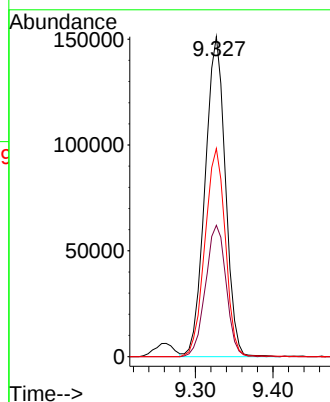
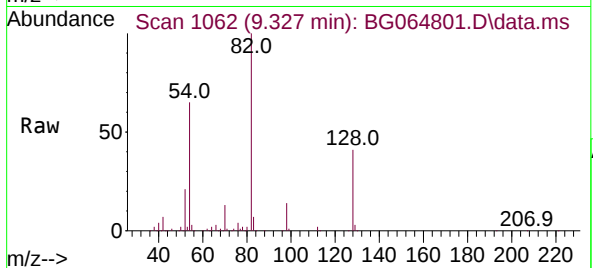
ClientSampleId :

PB170598BS

Tgt Ion: 82 Resp: 274952
 Ion Ratio Lower Upper
 82 100
 128 41.0 34.1 51.1
 54 65.0 54.3 81.5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025



#24

Nitrobenzene

Concen: 41.789 ng

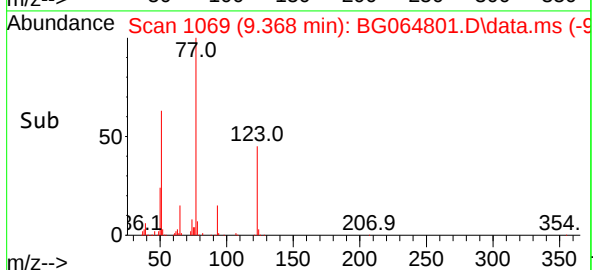
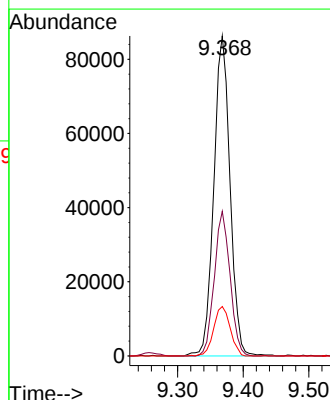
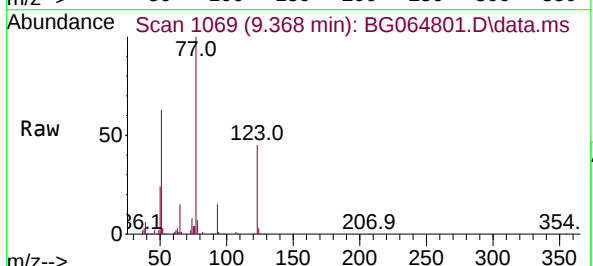
RT: 9.368 min Scan# 1069

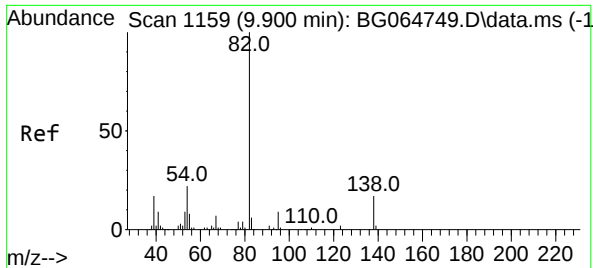
Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

Tgt Ion: 77 Resp: 148453
 Ion Ratio Lower Upper
 77 100
 123 45.2 36.5 54.7
 65 15.5 13.5 20.3





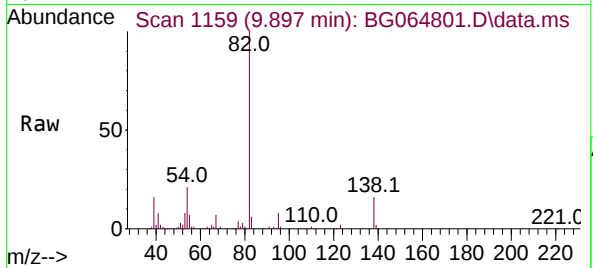
#25
Isophorone
Concen: 41.177 ng
RT: 9.897 min Scan# 1159
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

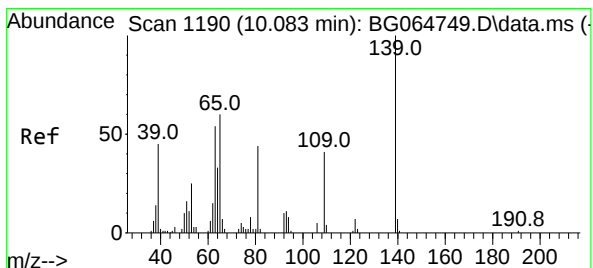
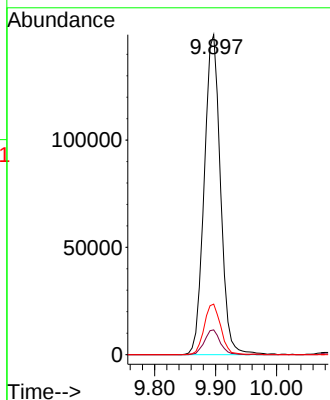
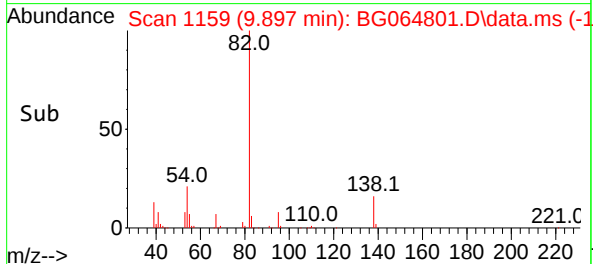


Tgt Ion: 82 Resp: 27569
Ion Ratio Lower Upper
82 100
95 7.7 6.9 10.3
138 15.8 13.9 20.9

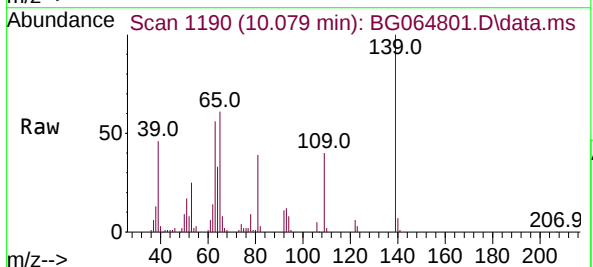
Manual Integrations

APPROVED

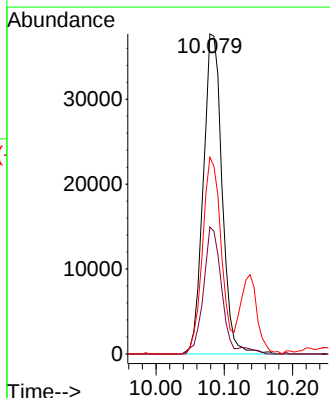
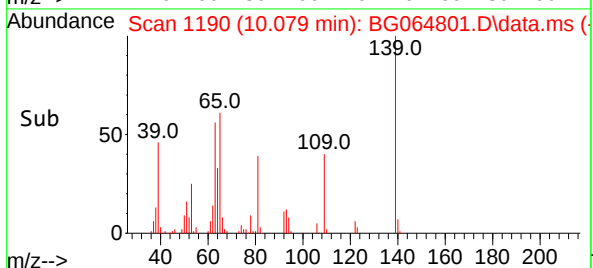
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

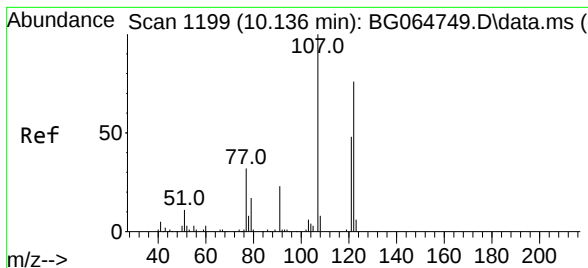


#26
2-Nitrophenol
Concen: 45.009 ng
RT: 10.079 min Scan# 1190
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:139 Resp: 71917
Ion Ratio Lower Upper
139 100
109 39.6 32.5 48.7
65 61.4 47.6 71.4





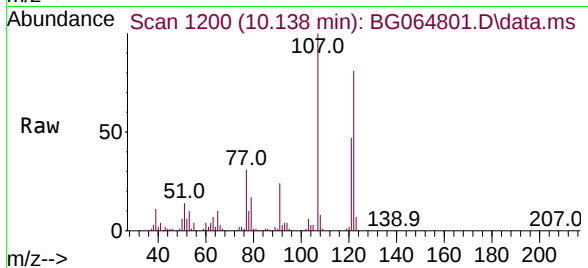
#27
2,4-Dimethylphenol
Concen: 44.861 ng
RT: 10.138 min Scan# 1199
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

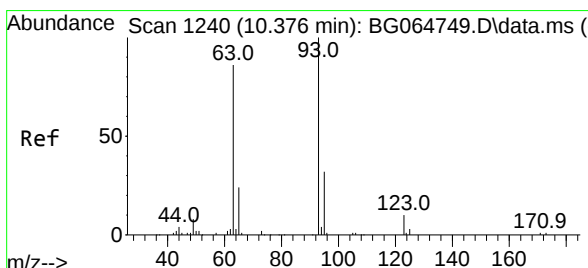
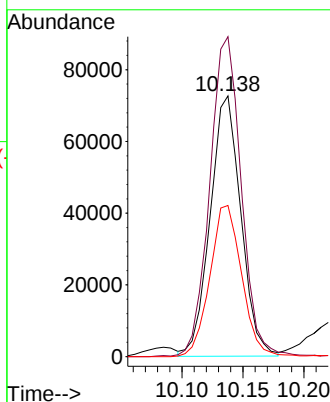
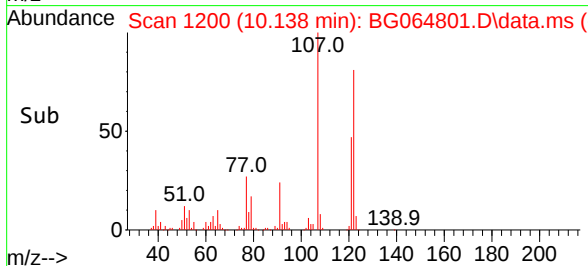


Tgt Ion:122 Resp: 127345
Ion Ratio Lower Upper
122 100
107 122.8 102.5 153.7
121 58.0 49.0 73.6

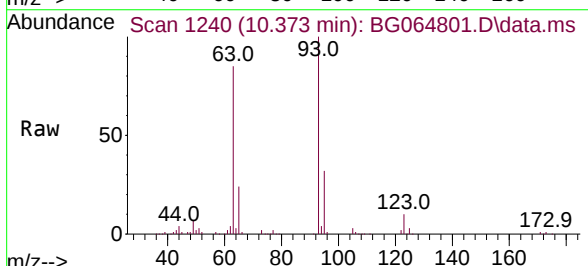
Manual Integrations

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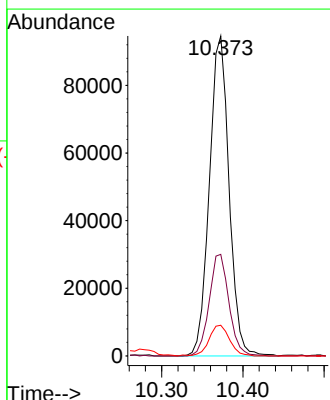
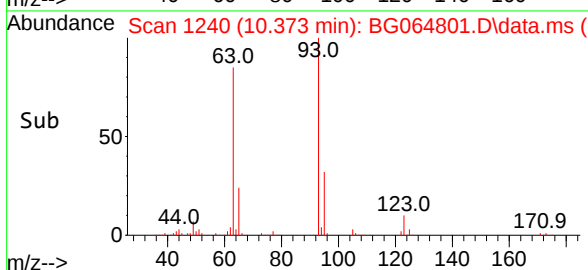
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

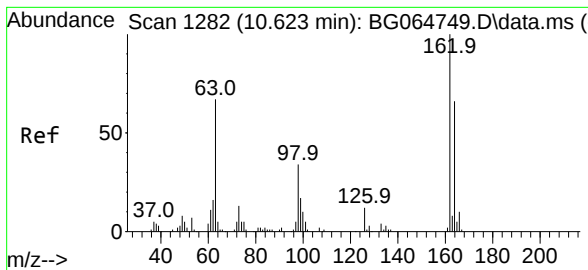


#28
bis(2-Chloroethoxy)methane
Concen: 43.271 ng
RT: 10.373 min Scan# 1240
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



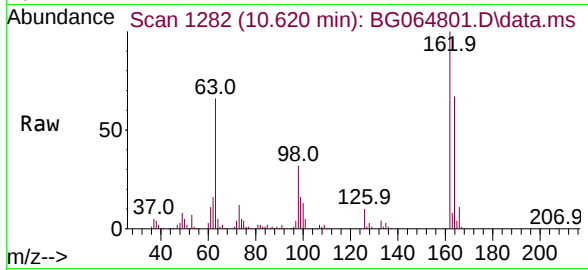
Tgt Ion: 93 Resp: 159049
Ion Ratio Lower Upper
93 100
95 31.7 25.4 38.2
123 9.6 8.1 12.1





#29
2,4-Dichlorophenol
Concen: 47.349 ng
RT: 10.620 min Scan# 1282
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

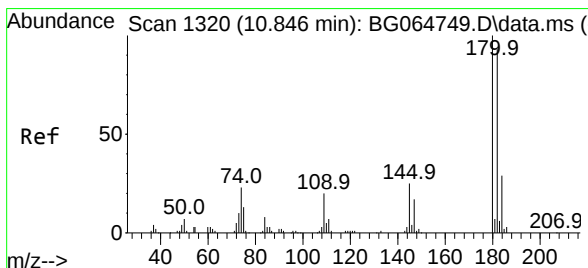
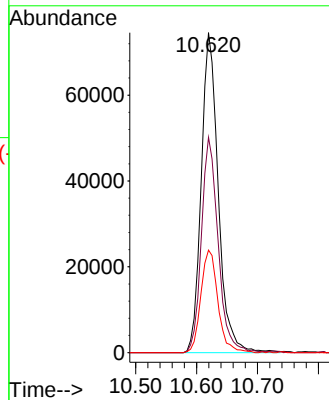
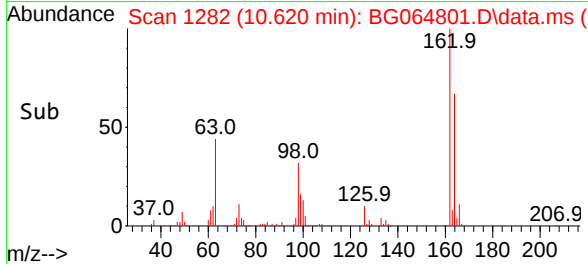
Instrument :
BNA_G
ClientSampleId :
PB170598BS



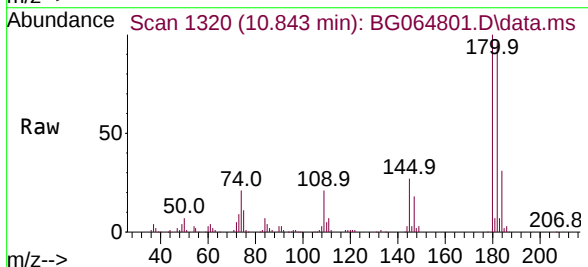
Tgt Ion:162 Resp: 144305
Ion Ratio Lower Upper
162 100
164 67.3 46.0 86.0
98 32.0 14.2 54.2

Manual Integrations
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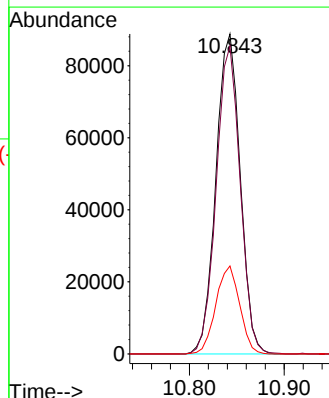
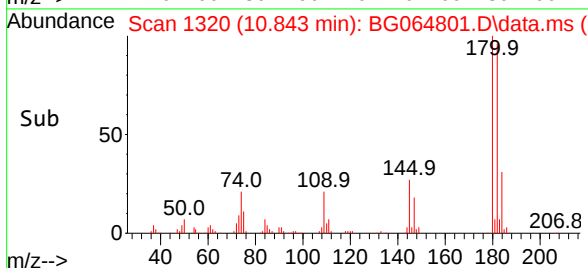
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

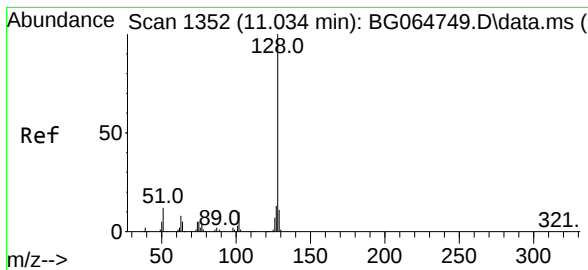


#30
1,2,4-Trichlorobenzene
Concen: 42.950 ng
RT: 10.843 min Scan# 1320
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



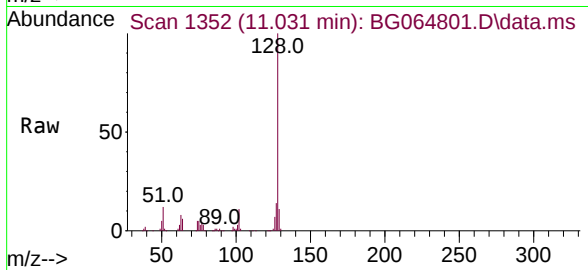
Tgt Ion:180 Resp: 158061
Ion Ratio Lower Upper
180 100
182 96.2 74.2 111.4
145 27.5 20.0 30.0





#31
Naphthalene
Concen: 40.983 ng
RT: 11.031 min Scan# 1352
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

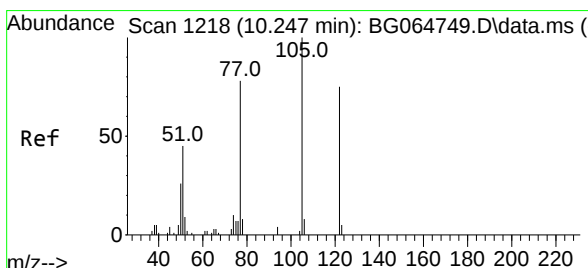
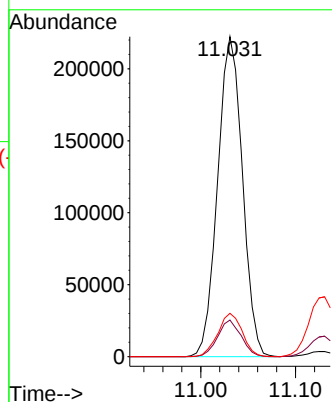
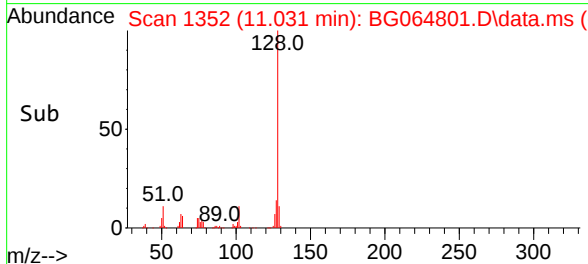
Instrument :
BNA_G
ClientSampleId :
PB170598BS



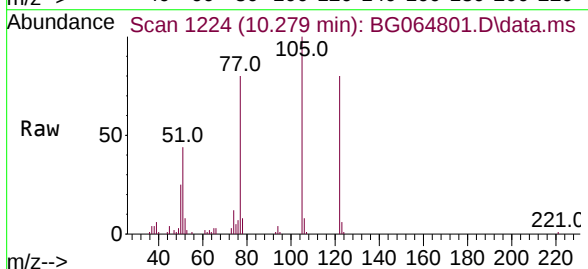
Tgt Ion:128 Resp: 403850
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.5 10.6 16.0

Manual Integrations
APPROVED

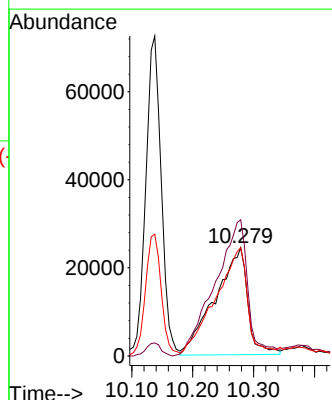
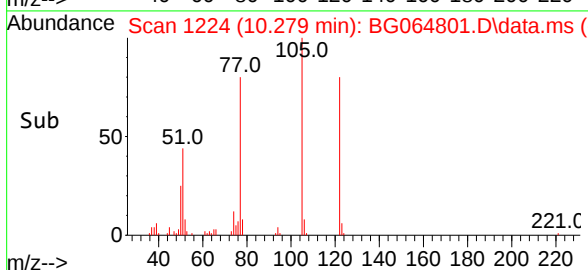
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

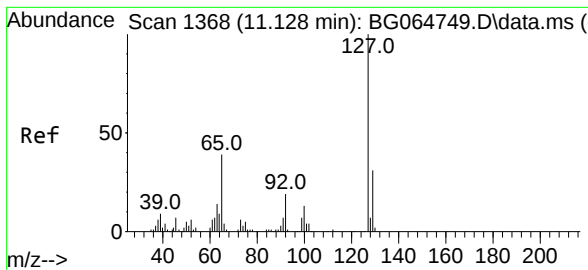


#32
Benzoic acid
Concen: 45.600 ng
RT: 10.279 min Scan# 1224
Delta R.T. 0.032 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:122 Resp: 90686
Ion Ratio Lower Upper
122 100
105 125.8 107.6 147.6
77 100.0 82.5 122.5





#33
4-Chloroaniline
Concen: 21.931 ng
RT: 11.131 min Scan# 1368
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

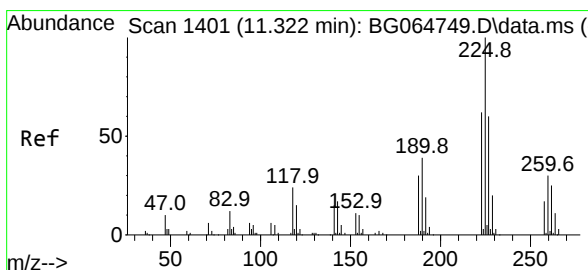
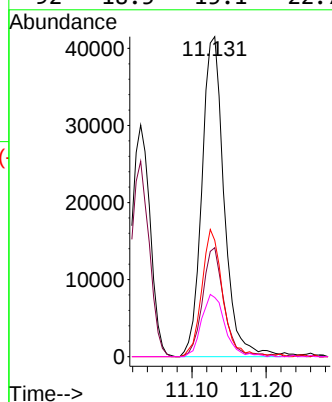
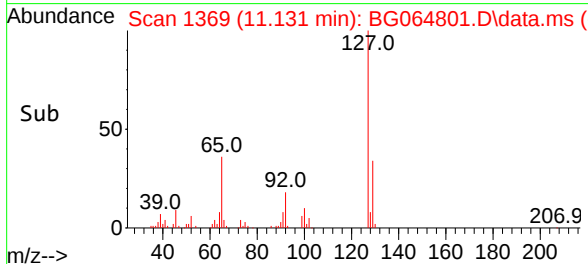
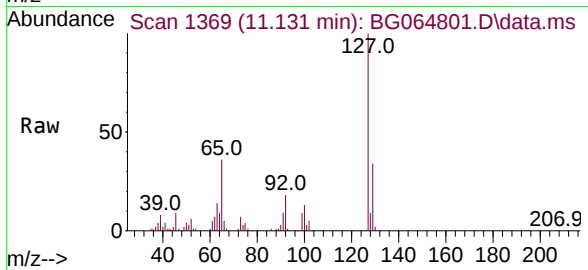
PB170598BS

Tgt Ion:127 Resp: 86450
Ion Ratio Lower Upper
127 100
129 34.0 24.9 37.3
65 36.3 30.9 46.3
92 18.5 15.1 22.7

Manual Integrations

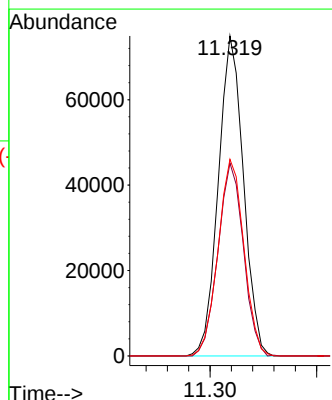
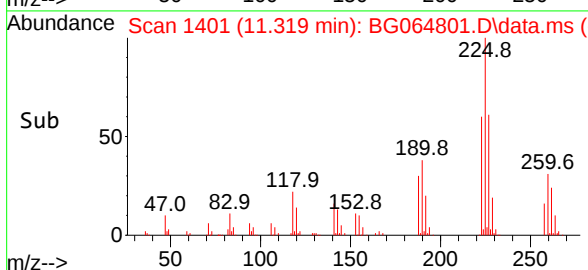
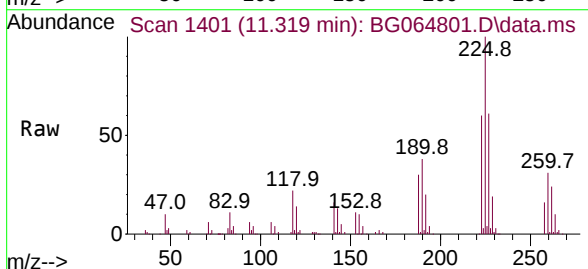
APPROVED

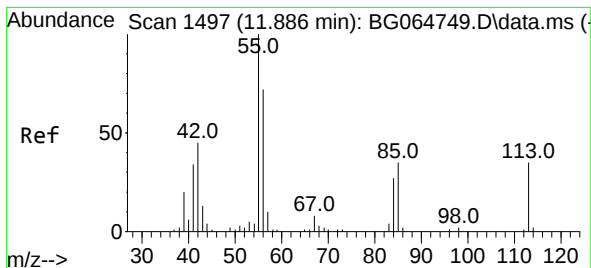
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#34
Hexachlorobutadiene
Concen: 38.900 ng
RT: 11.319 min Scan# 1401
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:225 Resp: 122831
Ion Ratio Lower Upper
225 100
223 60.2 49.9 74.9
227 61.4 50.6 75.8





#35

Caprolactam

Concen: 47.776 ng m

RT: 11.894 min Scan# 1499

Delta R.T. 0.008 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

Tgt Ion:113 Resp: 43550

Ion Ratio Lower Upper

113 100

55 274.0 263.7 303.7

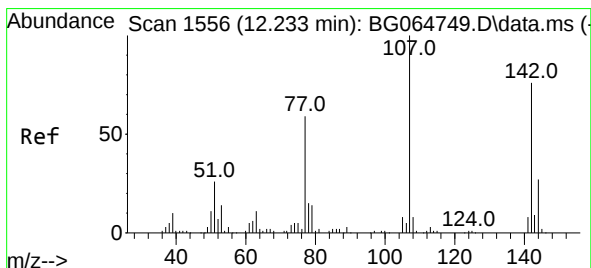
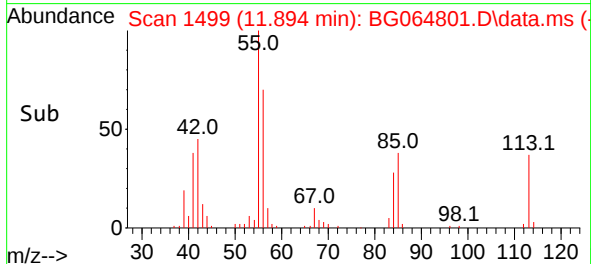
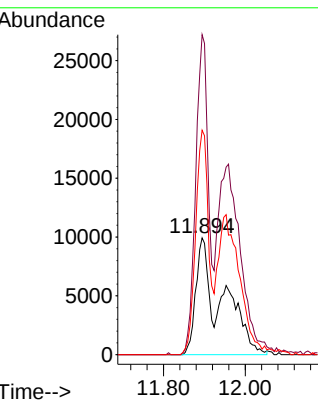
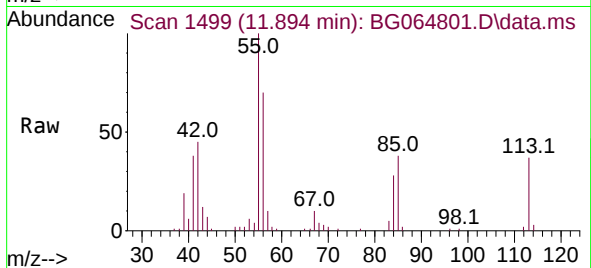
56 192.1 184.0 224.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#36

4-Chloro-3-methylphenol

Concen: 46.458 ng

RT: 12.235 min Scan# 1557

Delta R.T. 0.002 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

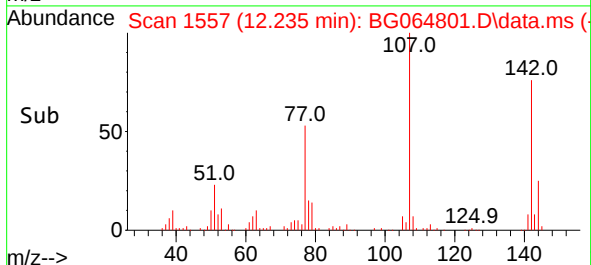
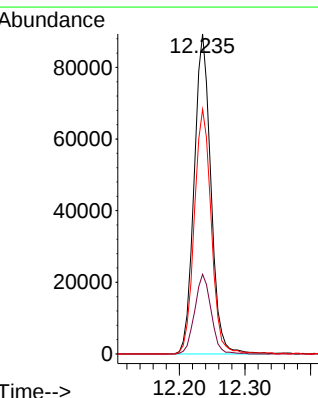
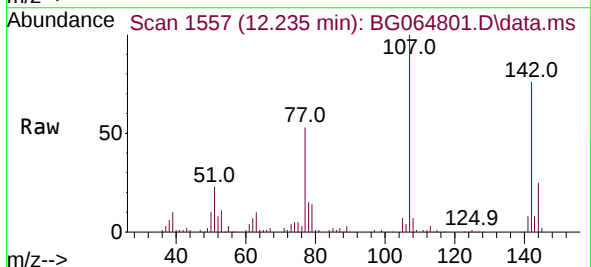
Tgt Ion:107 Resp: 157593

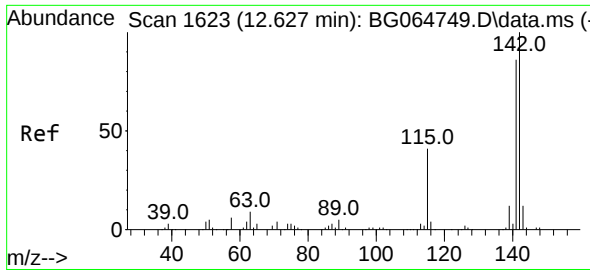
Ion Ratio Lower Upper

107 100

144 24.9 21.7 32.5

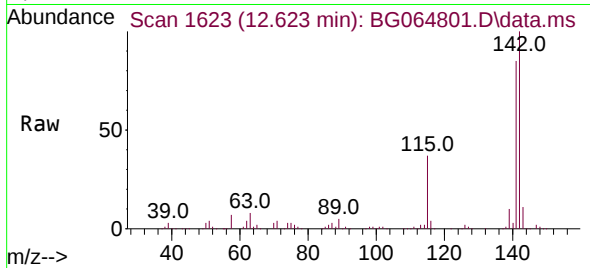
142 76.5 60.8 91.2





#37
2-Methylnaphthalene
Concen: 37.647 ng
RT: 12.623 min Scan# 1623
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

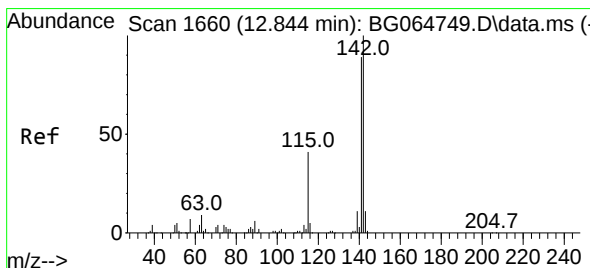
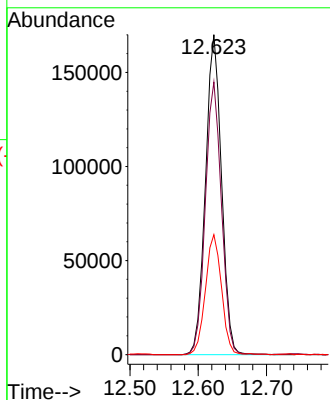
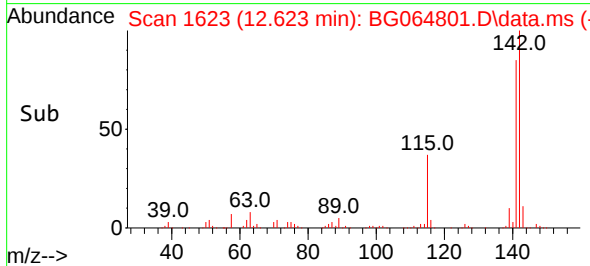
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion:142 Resp: 277614
Ion Ratio Lower Upper
142 100
141 85.2 69.1 103.7
115 37.5 32.9 49.3

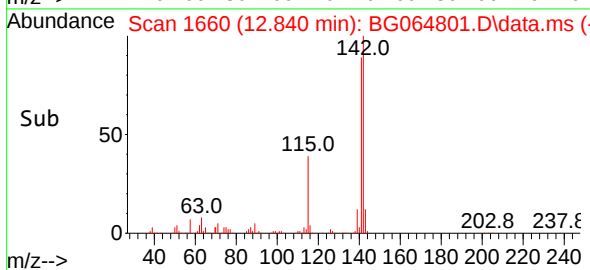
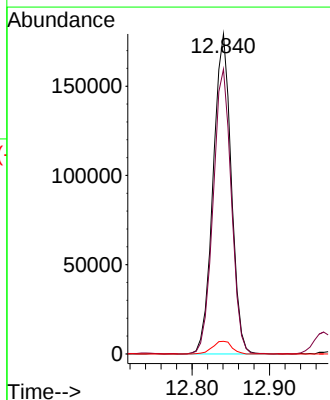
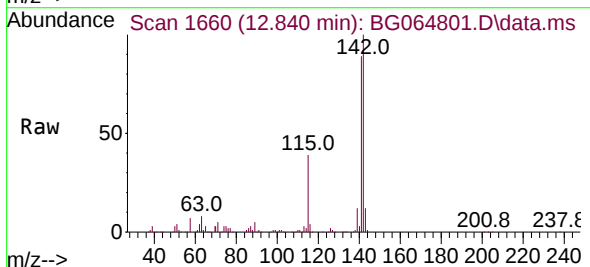
Manual Integrations
APPROVED

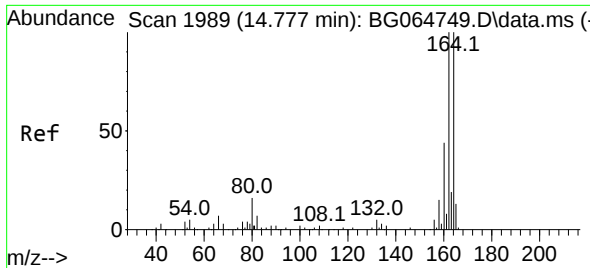
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#38
1-Methylnaphthalene
Concen: 39.707 ng
RT: 12.840 min Scan# 1660
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:142 Resp: 290858
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2
116 3.9 3.7 5.5





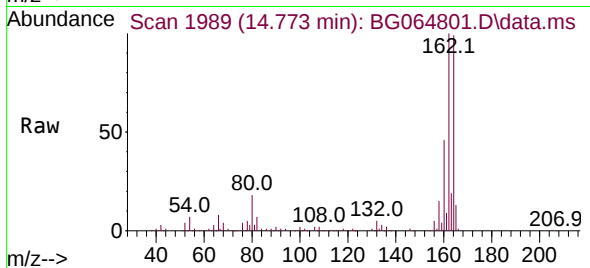
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.773 min Scan# 1989
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

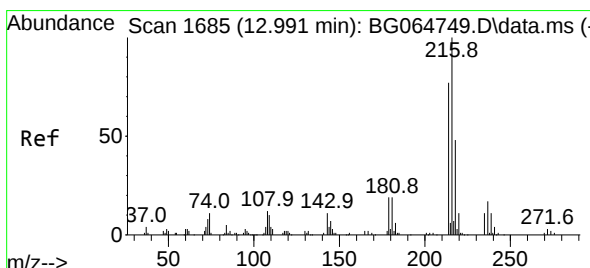
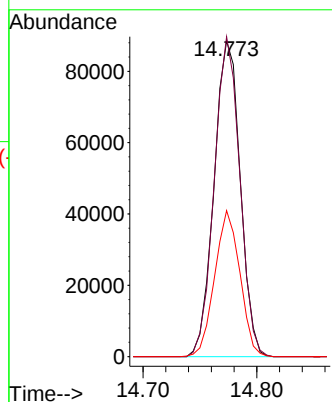
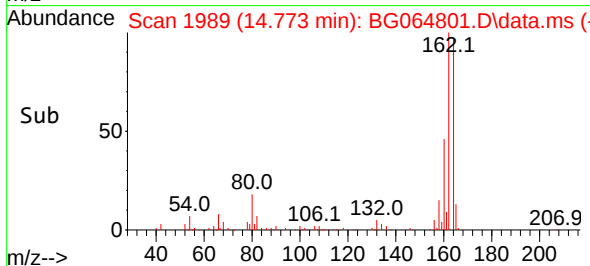


Tgt Ion:164 Resp: 141529
Ion Ratio Lower Upper
164 100
162 101.4 79.8 119.6
160 46.3 34.9 52.3

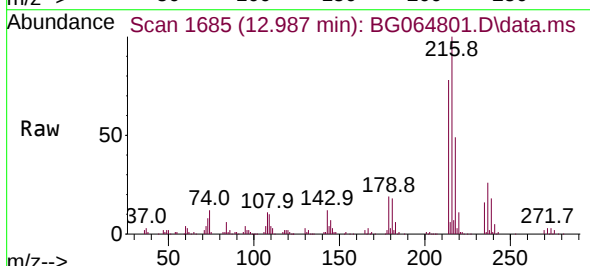
Manual Integrations

APPROVED

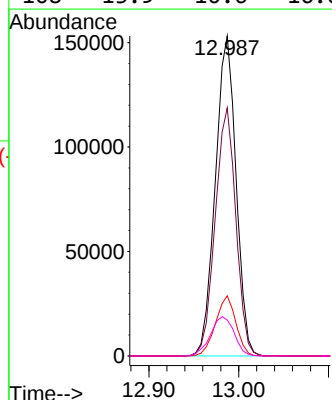
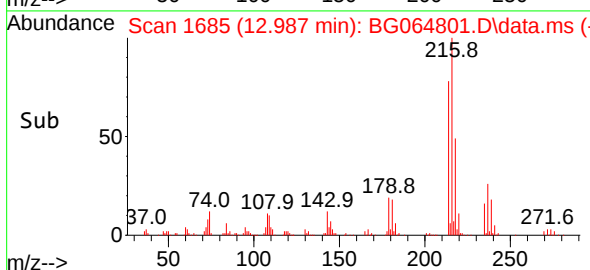
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

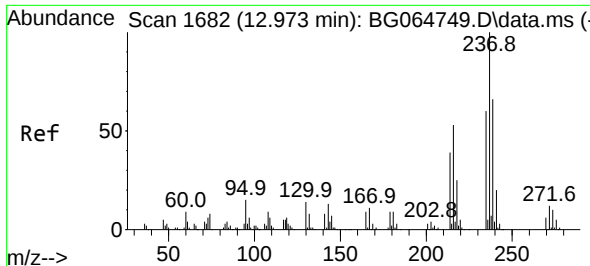


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.836 ng
RT: 12.987 min Scan# 1685
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



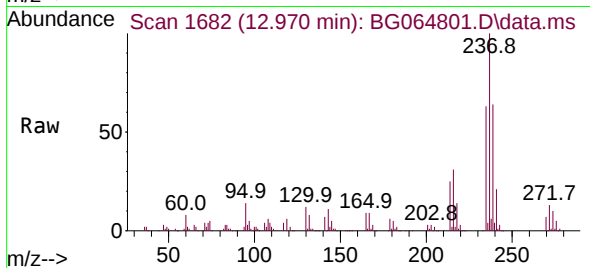
Tgt Ion:216 Resp: 246950
Ion Ratio Lower Upper
216 100
214 77.2 60.5 90.7
179 18.4 14.7 22.1
108 13.9 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 67.885 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

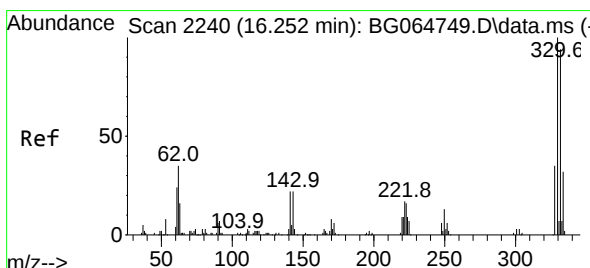
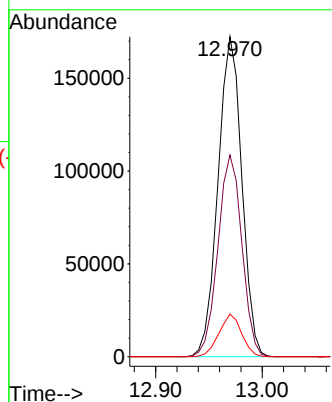
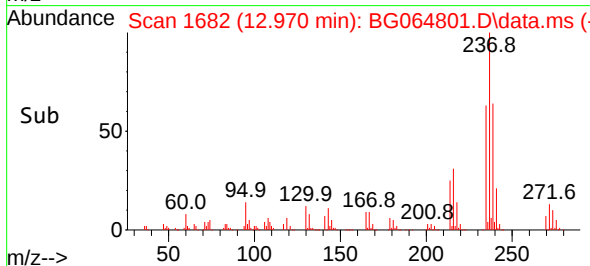
Instrument :
BNA_G
ClientSampleId :
PB170598BS



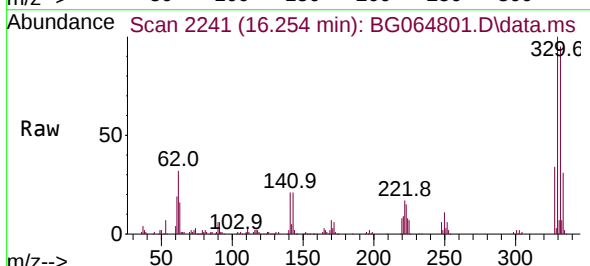
Tgt Ion:237 Resp: 268004
Ion Ratio Lower Upper
237 100
235 63.0 40.2 80.2
272 13.3 0.0 31.9

Manual Integrations
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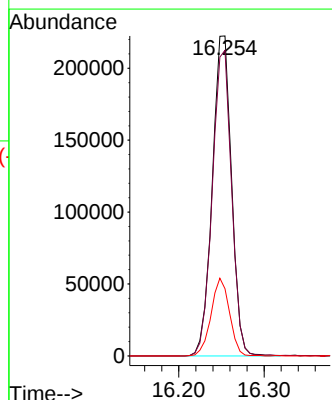
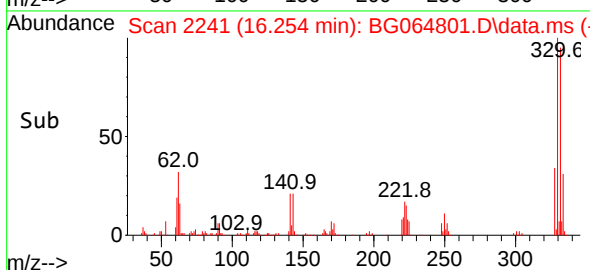
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

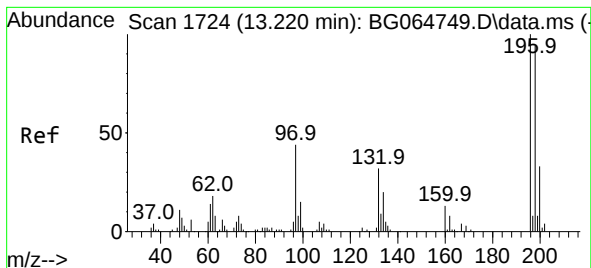


#42
2,4,6-Tribromophenol
Concen: 126.326 ng
RT: 16.254 min Scan# 2241
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:330 Resp: 348692
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 23.2 18.2 27.2





#43

2,4,6-Trichlorophenol

Concen: 44.893 ng

RT: 13.216 min Scan# 1724

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

Tgt Ion:196 Resp: 145125

Ion Ratio Lower Upper

196 100

198 97.5 75.3 112.9

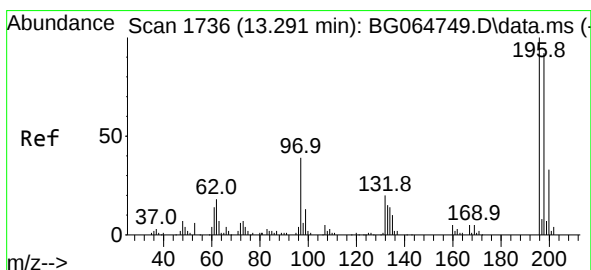
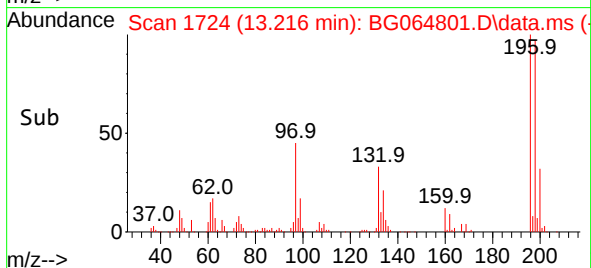
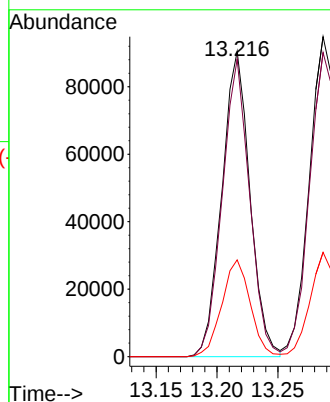
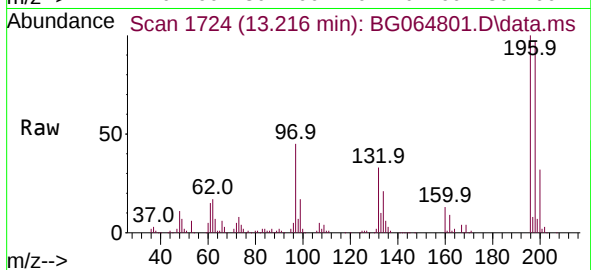
200 31.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#44

2,4,5-Trichlorophenol

Concen: 45.775 ng

RT: 13.287 min Scan# 1736

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

Tgt Ion:196 Resp: 165963

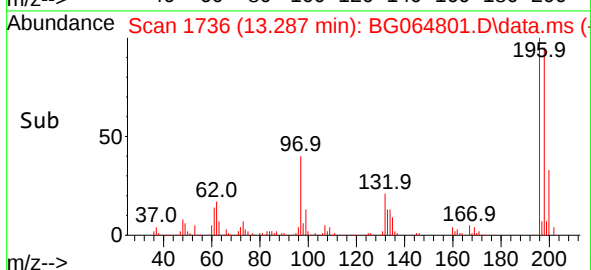
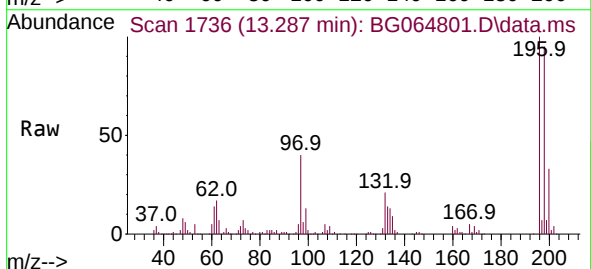
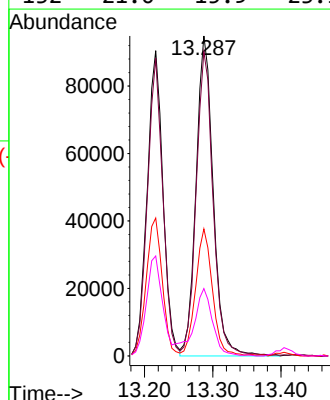
Ion Ratio Lower Upper

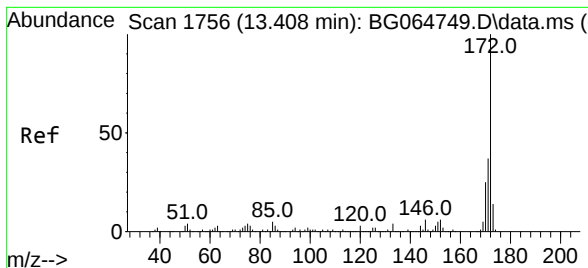
196 100

198 95.0 73.2 109.8

97 39.7 31.4 47.0

132 21.0 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 75.868 ng
RT: 13.404 min Scan# 1756
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

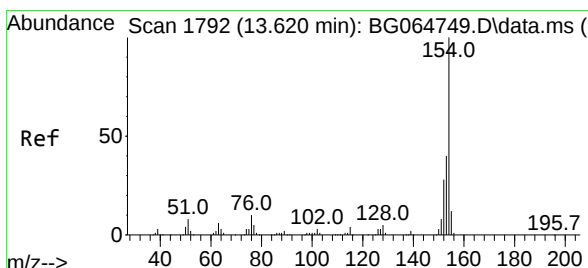
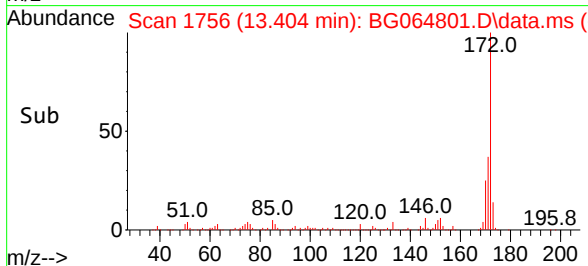
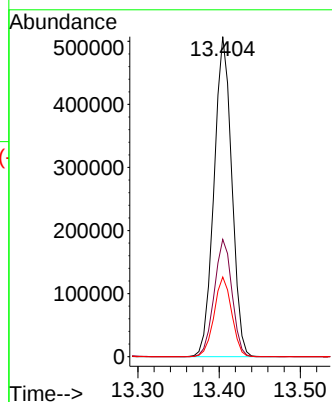
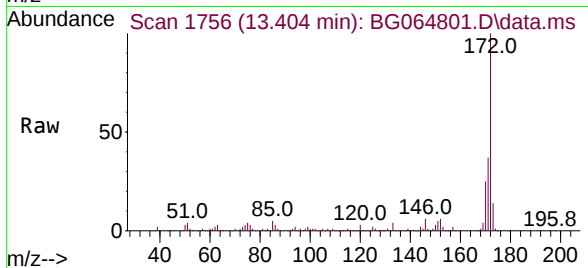
ClientSampleId :

PB170598BS

Tgt Ion:172 Resp: 769531
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 24.9 19.8 29.6

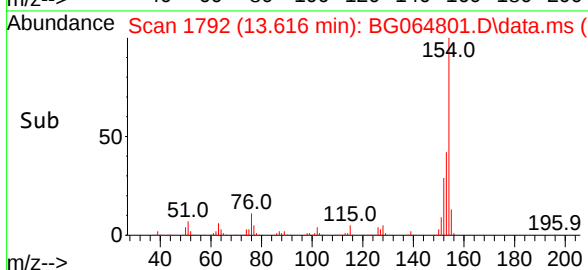
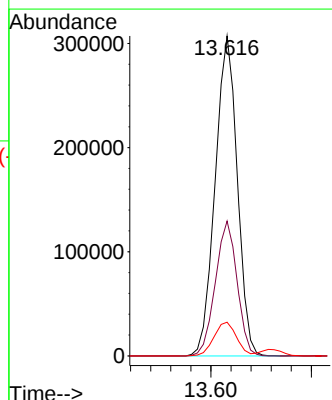
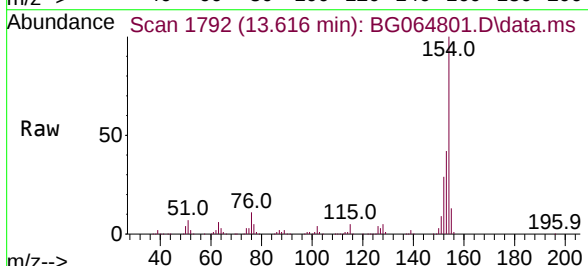
Manual Integrations
APPROVED

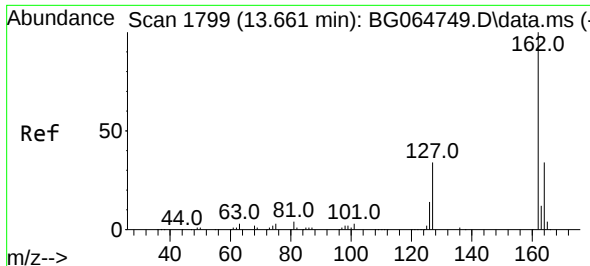
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#46
1,1'-Biphenyl
Concen: 46.257 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

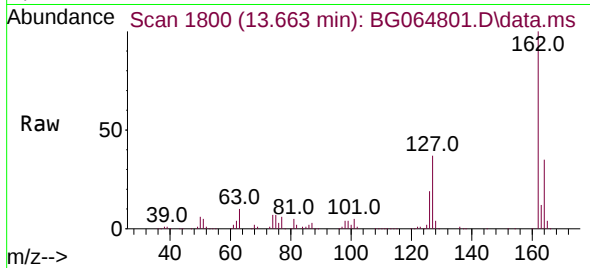
Tgt Ion:154 Resp: 470212
Ion Ratio Lower Upper
154 100
153 42.1 19.8 59.8
76 10.5 0.0 30.0





#47
2-Chloronaphthalene
Concen: 40.997 ng
RT: 13.663 min Scan# 1800
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

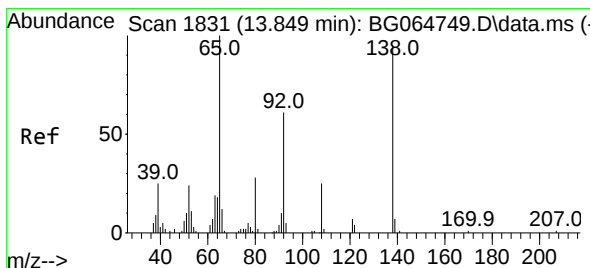
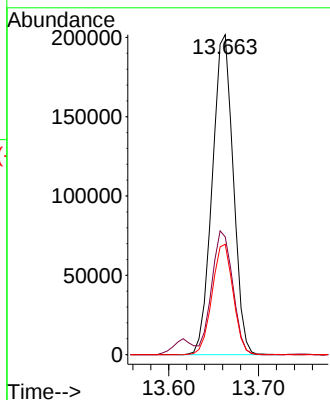
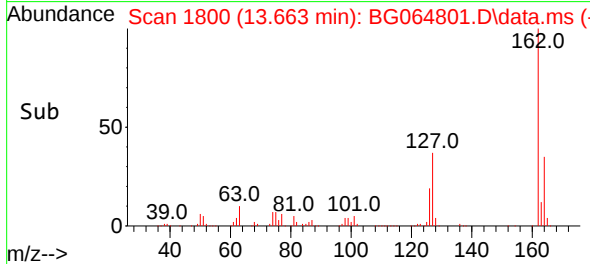
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion:162 Resp: 328320
Ion Ratio Lower Upper
162 100
127 36.8 30.3 45.5
164 34.5 26.8 40.2

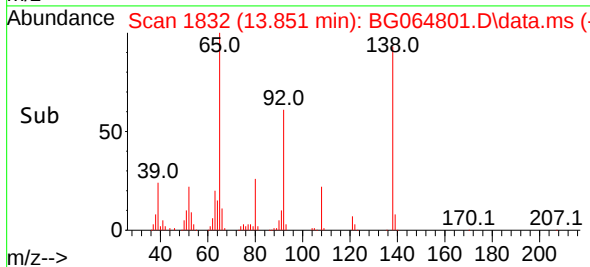
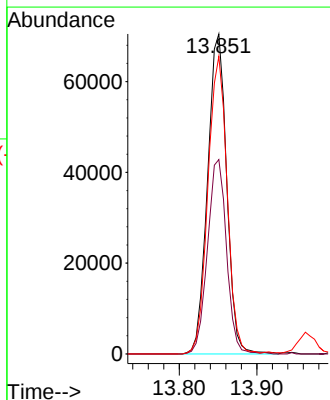
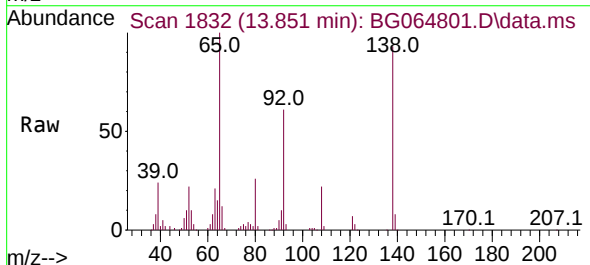
Manual Integrations
APPROVED

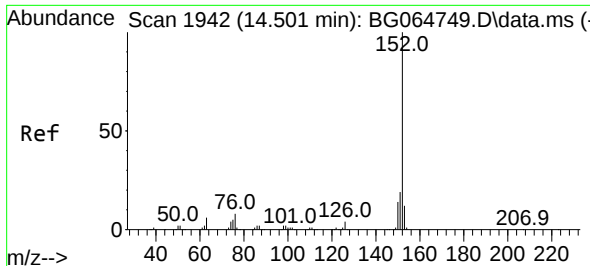
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#48
2-Nitroaniline
Concen: 46.803 ng
RT: 13.851 min Scan# 1832
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion: 65 Resp: 120555
Ion Ratio Lower Upper
65 100
92 60.7 48.6 73.0
138 93.0 76.4 114.6





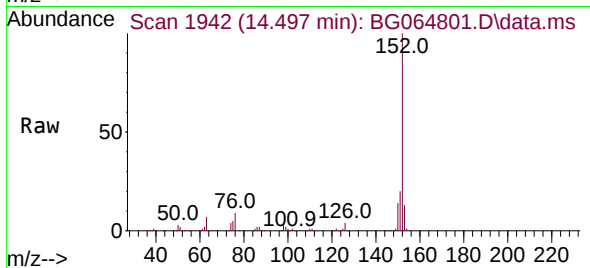
#49
Acenaphthylene
Concen: 42.858 ng
RT: 14.497 min Scan# 1942
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

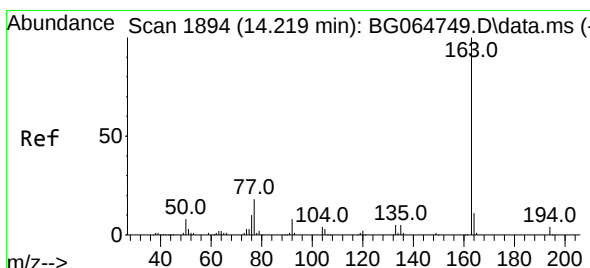
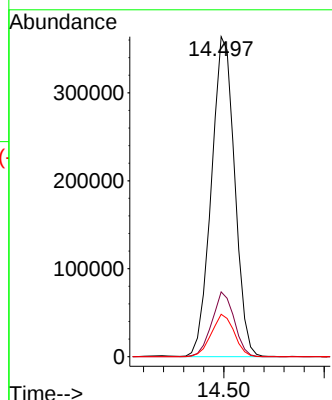
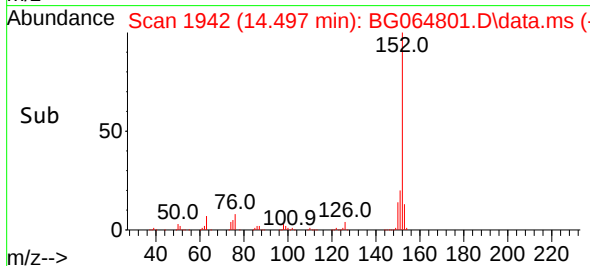


Tgt Ion:152 Resp: 586359
Ion Ratio Lower Upper
152 100
151 20.2 15.0 22.4
153 13.2 9.9 14.9

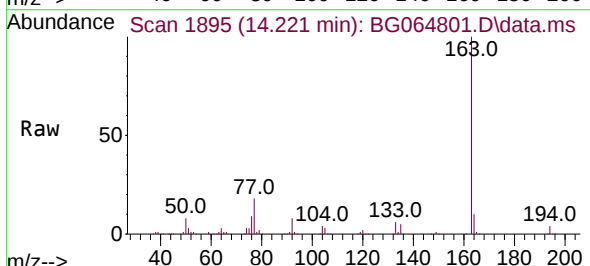
Manual Integrations

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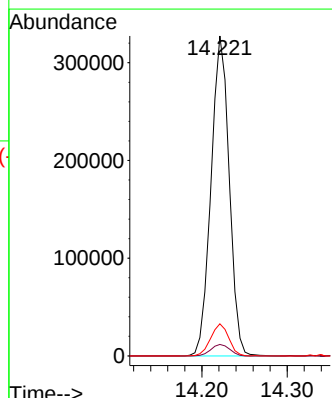
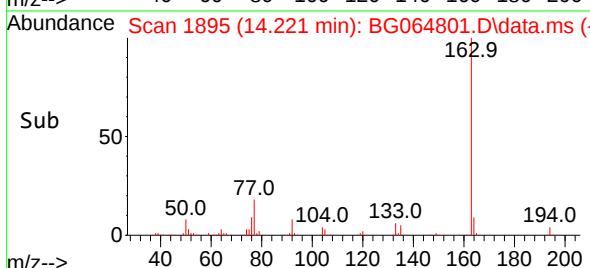
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

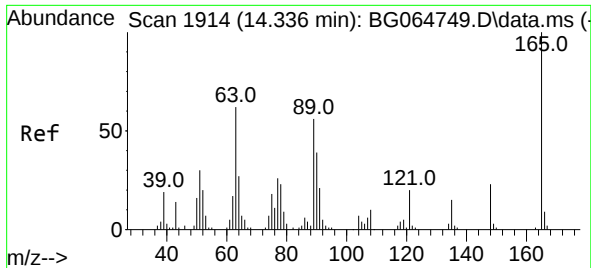


#50
Dimethylphthalate
Concen: 43.337 ng
RT: 14.221 min Scan# 1895
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:163 Resp: 484501
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.0 8.6 12.8





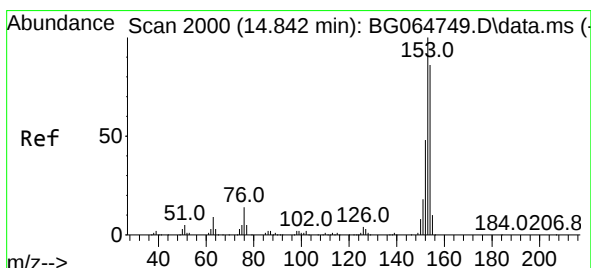
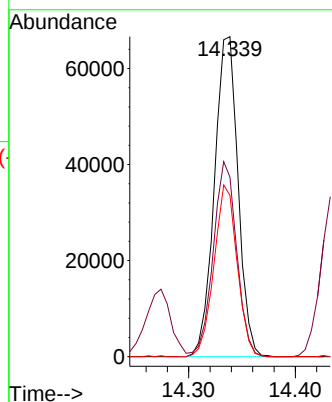
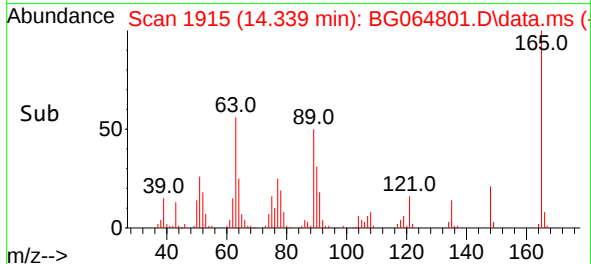
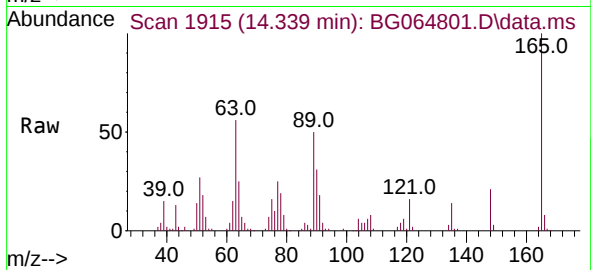
#51
2,6-Dinitrotoluene
Concen: 47.757 ng
RT: 14.339 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :
BNA_G
ClientSampleId :
PB170598BS

Tgt Ion:165 Resp: 102738
Ion Ratio Lower Upper
165 100
63 56.1 49.8 74.8
89 50.4 45.0 67.4

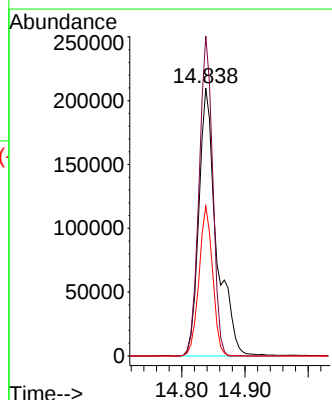
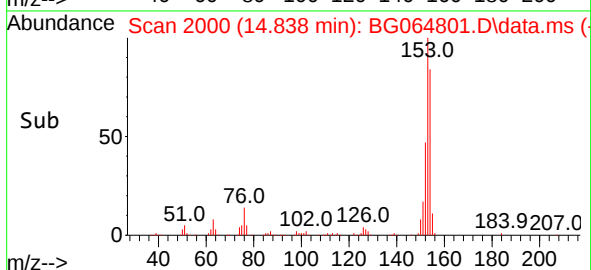
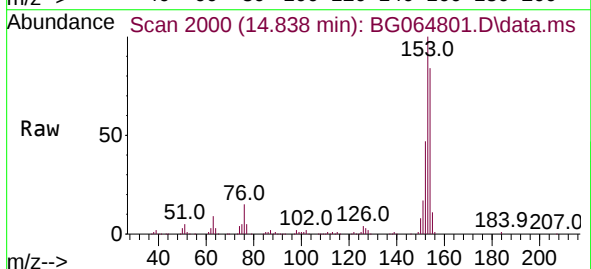
Manual Integrations
APPROVED

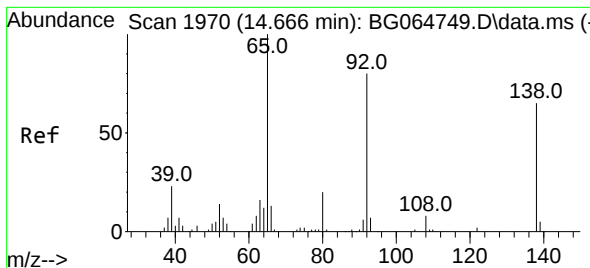
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#52
Acenaphthene
Concen: 50.009 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:154 Resp: 410238
Ion Ratio Lower Upper
154 100
153 119.6 93.0 139.4
152 56.0 44.4 66.6





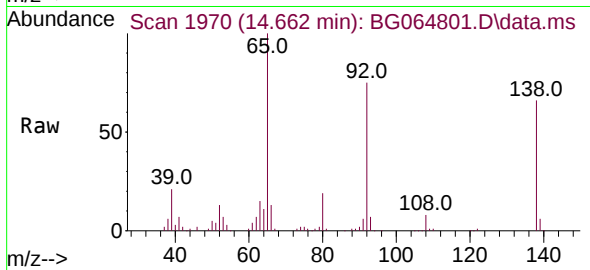
#53
3-Nitroaniline
Concen: 35.770 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

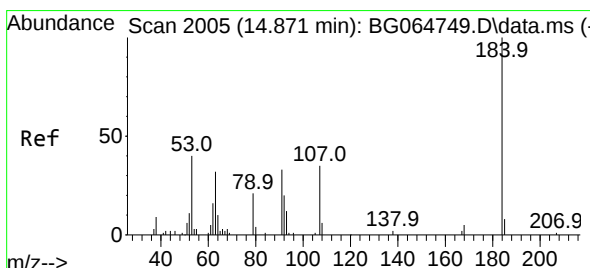
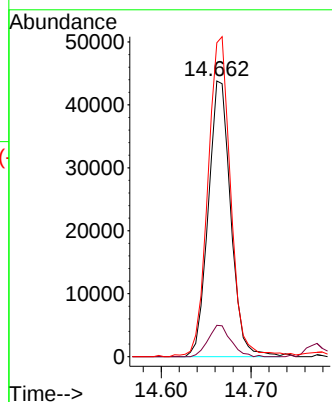
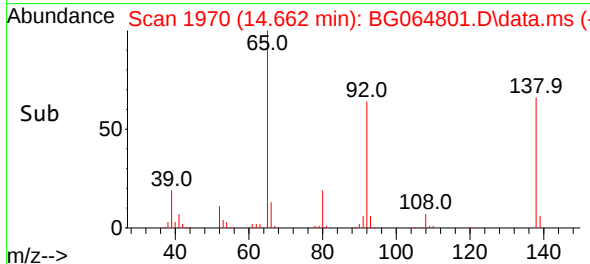


Tgt Ion:138 Resp: 75948
Ion Ratio Lower Upper
138 100
108 11.4 9.5 14.3
92 113.9 99.0 148.4

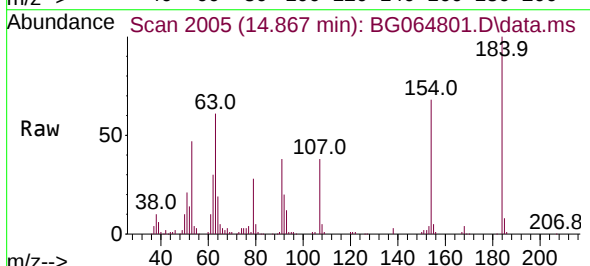
Manual Integrations

APPROVED

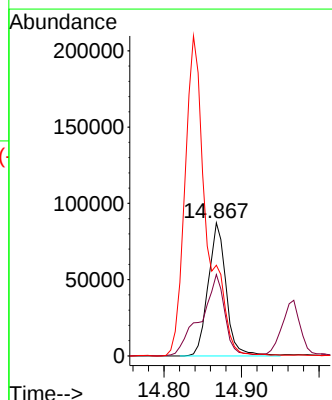
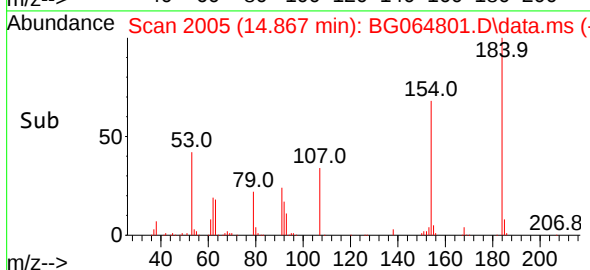
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

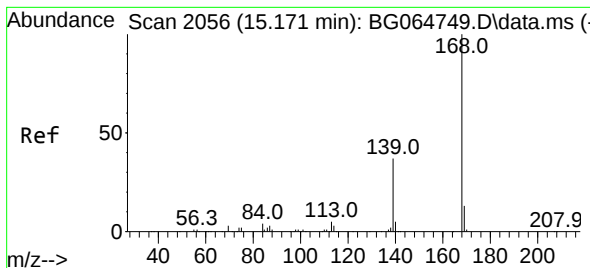


#54
2,4-Dinitrophenol
Concen: 93.363 ng
RT: 14.867 min Scan# 2005
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:184 Resp: 139949
Ion Ratio Lower Upper
184 100
63 61.1 45.8 68.6
154 68.1 52.6 78.8





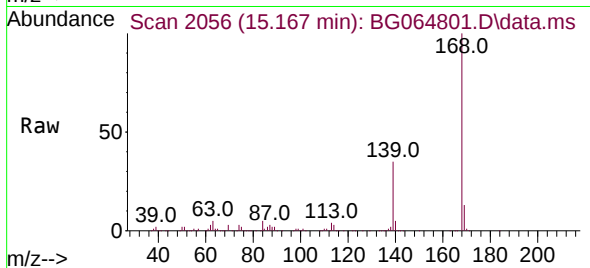
#55
Dibenzofuran
Concen: 42.909 ng
RT: 15.167 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

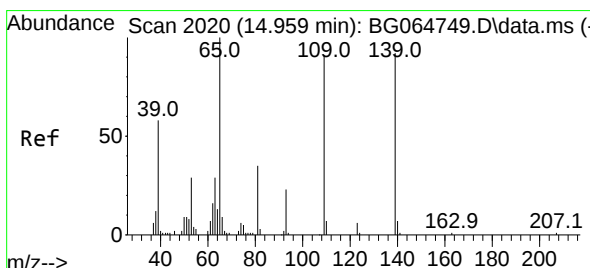
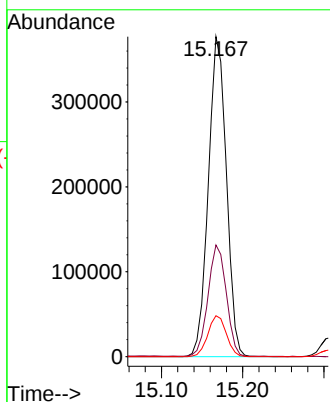
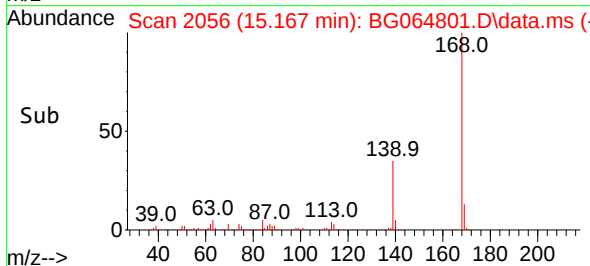


Tgt Ion:168 Resp: 581920
Ion Ratio Lower Upper
168 100
139 34.9 29.5 44.3
169 12.8 10.4 15.6

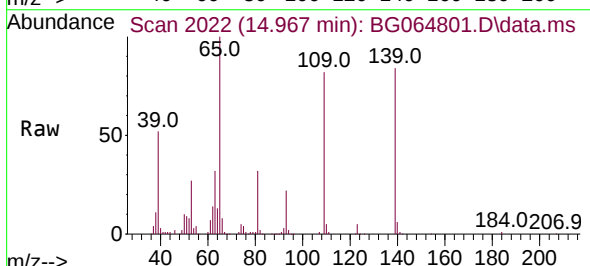
Manual Integrations

APPROVED

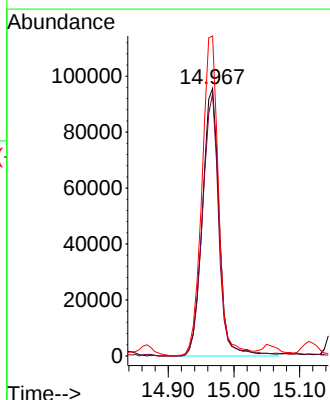
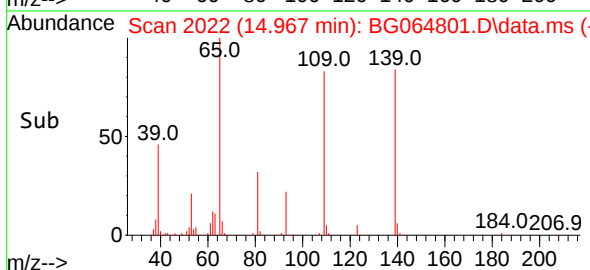
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

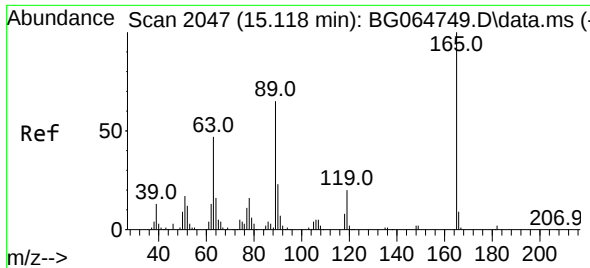


#56
4-Nitrophenol
Concen: 101.154 ng
RT: 14.967 min Scan# 2022
Delta R.T. 0.008 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



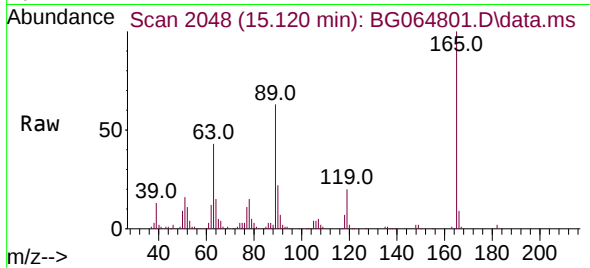
Tgt Ion:139 Resp: 170404
Ion Ratio Lower Upper
139 100
109 98.0 79.7 119.7
65 119.7 89.9 129.9





#57
2,4-Dinitrotoluene
Concen: 47.607 ng
RT: 15.120 min Scan# 2048
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

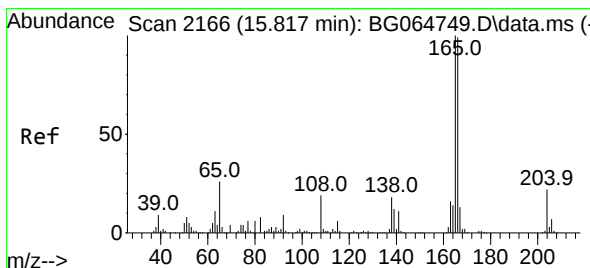
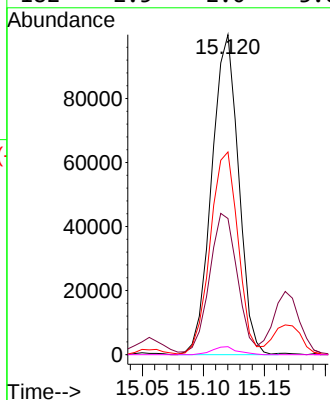
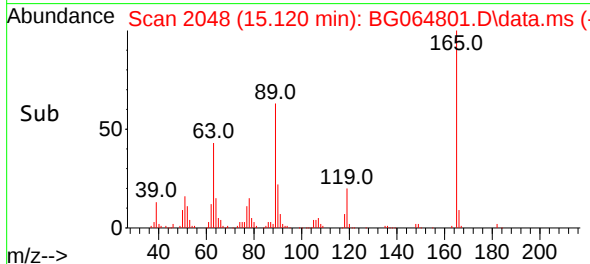
Instrument :
BNA_G
ClientSampleId :
PB170598BS



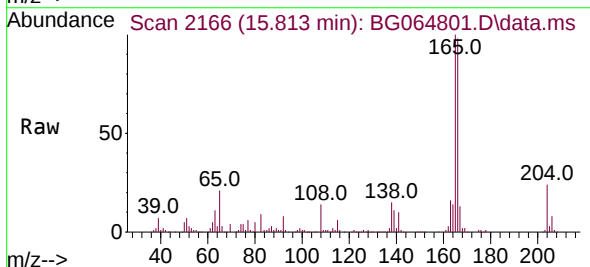
Tgt Ion:165 Resp: 153542
Ion Ratio Lower Upper
165 100
63 42.5 37.8 56.6
89 63.3 51.6 77.4
182 2.5 2.0 3.0

Manual Integrations
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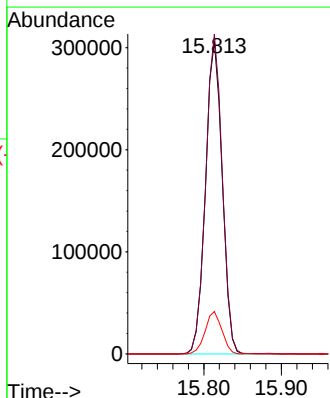
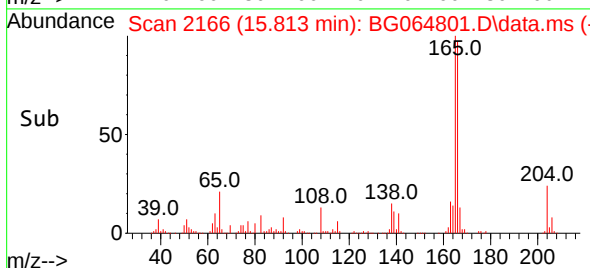
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

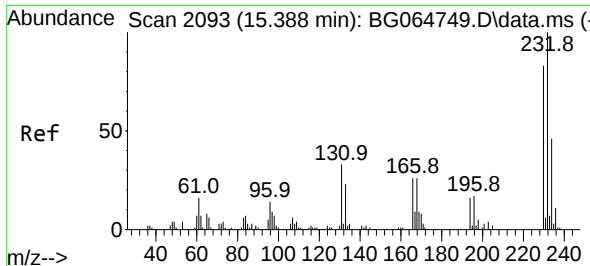


#58
Fluorene
Concen: 43.012 ng
RT: 15.813 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:166 Resp: 457504
Ion Ratio Lower Upper
166 100
165 102.4 80.5 120.7
167 13.5 10.3 15.5





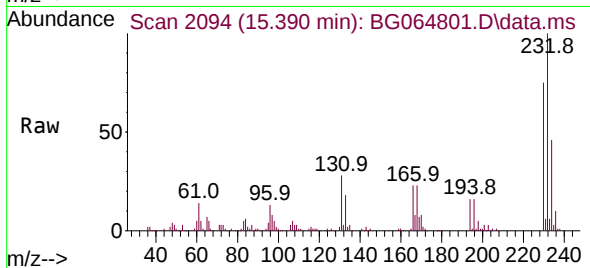
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.146 ng
RT: 15.390 min Scan# 2094
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

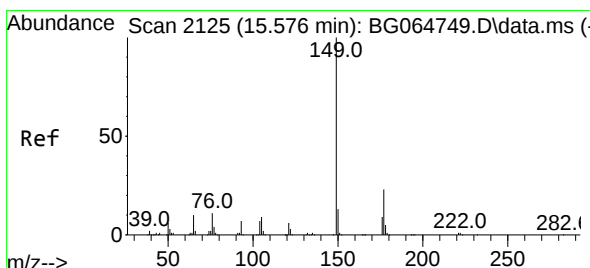
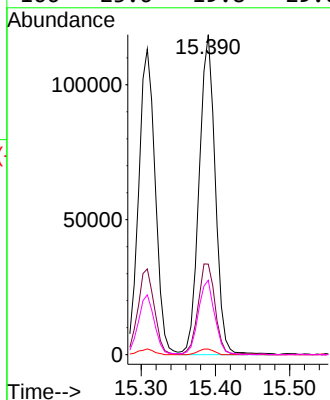
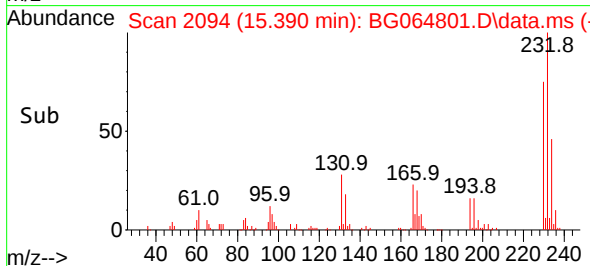


Tgt Ion:232 Resp: 179384
Ion Ratio Lower Upper
232 100
131 29.1 26.0 39.0
130 1.7 1.6 2.4
166 23.6 19.8 29.6

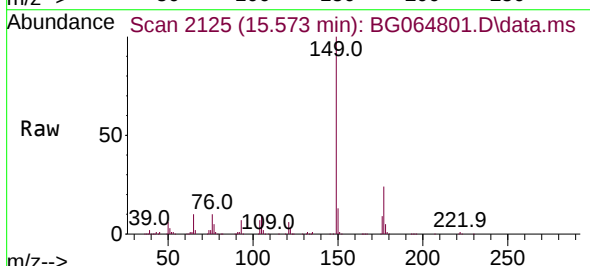
Manual Integrations

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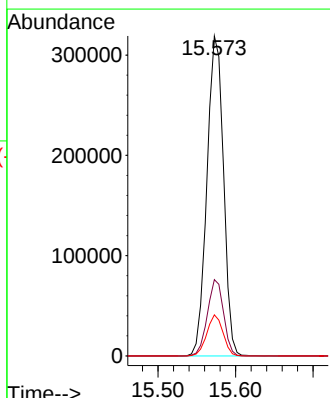
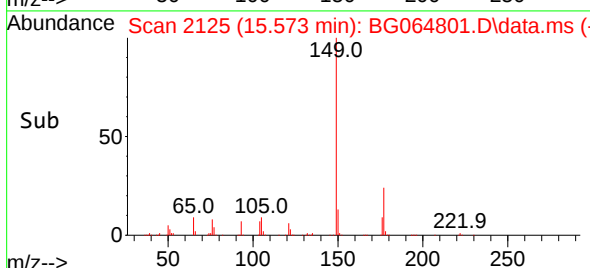
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

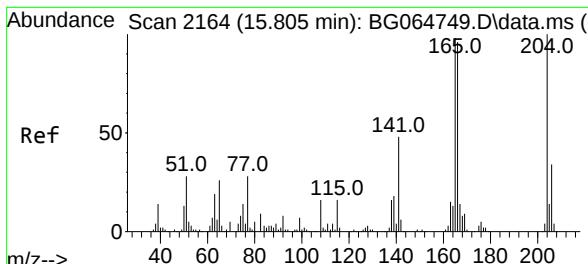


#60
Diethylphthalate
Concen: 44.170 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



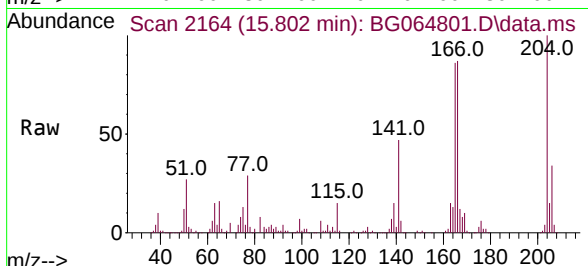
Tgt Ion:149 Resp: 473056
Ion Ratio Lower Upper
149 100
177 23.8 18.4 27.6
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.394 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

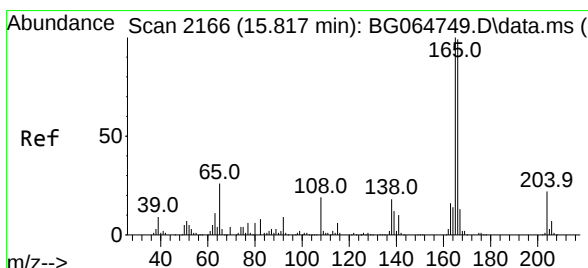
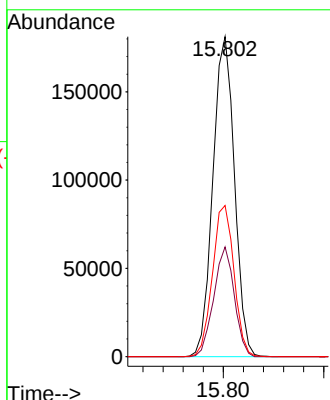
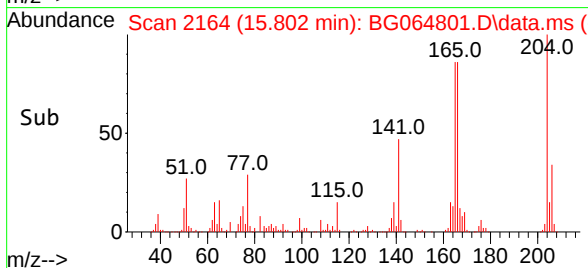
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion:204 Resp: 27062
Ion Ratio Lower Upper
204 100
206 34.3 26.9 40.3
141 47.2 38.1 57.1

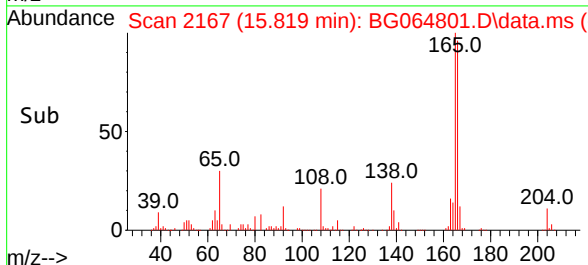
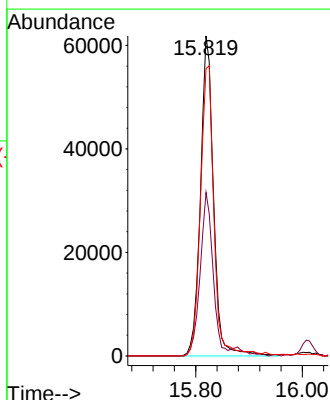
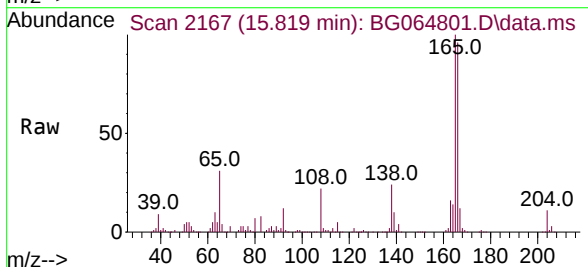
Manual Integrations
APPROVED

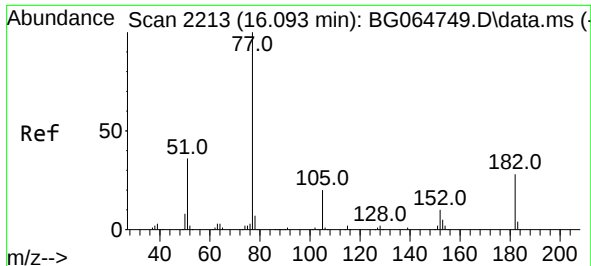
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#62
4-Nitroaniline
Concen: 47.756 ng
RT: 15.819 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

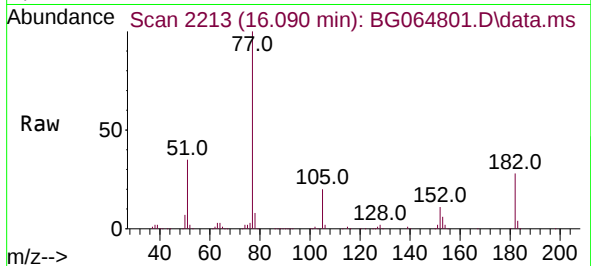
Tgt Ion:138 Resp: 105045
Ion Ratio Lower Upper
138 100
92 51.1 30.7 70.7
108 89.8 85.7 125.7





#63
Azobenzene
Concen: 44.610 ng
RT: 16.090 min Scan# 2213
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

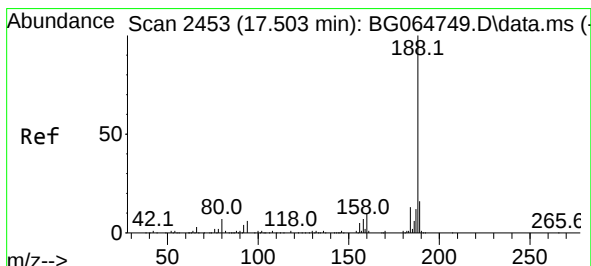
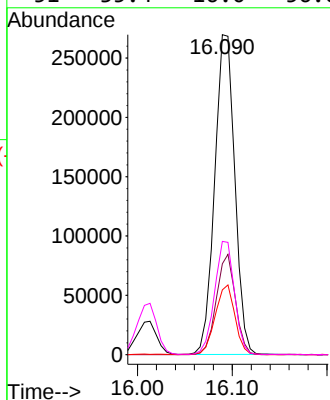
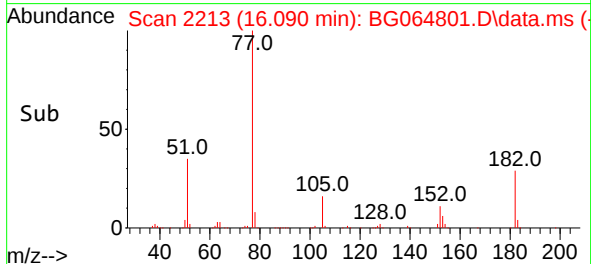
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion: 77 Resp: 397385
Ion Ratio Lower Upper
77 100
182 28.4 8.1 48.1
105 20.2 0.1 40.1
51 35.4 16.0 56.0

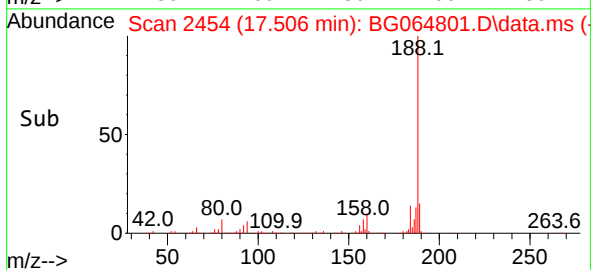
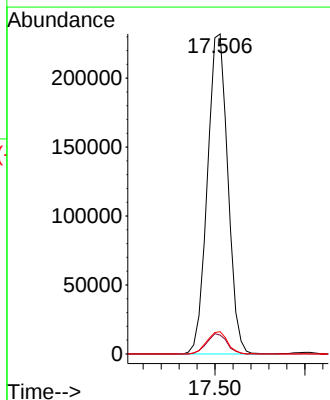
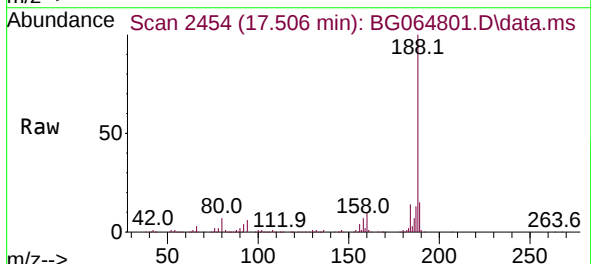
Manual Integrations
APPROVED

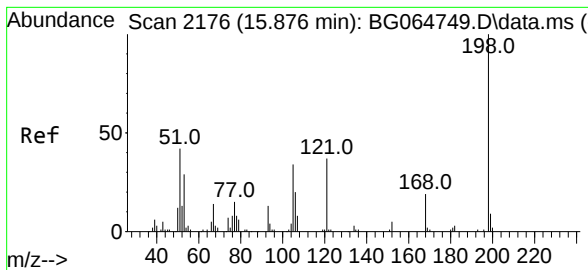
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

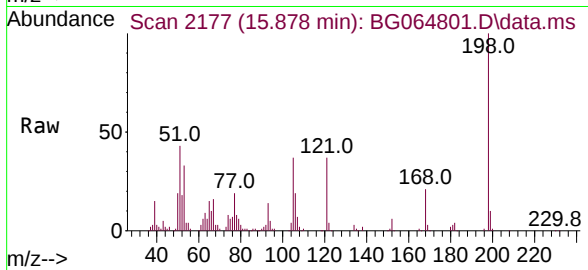
Tgt Ion:188 Resp: 367810
Ion Ratio Lower Upper
188 100
94 5.9 4.7 7.1
80 6.9 5.4 8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 50.267 ng
RT: 15.878 min Scan# 2176
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

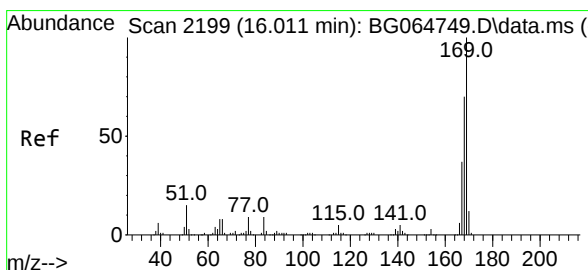
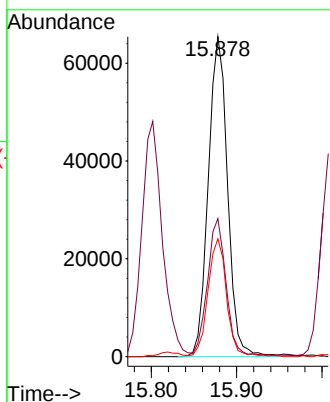
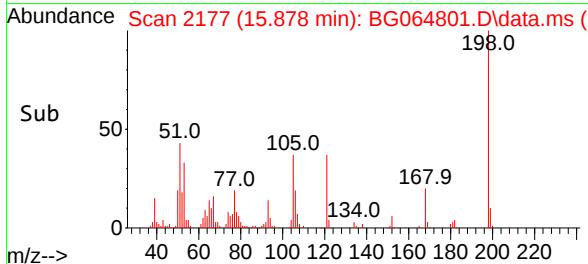
Instrument :
BNA_G
ClientSampleId :
PB170598BS



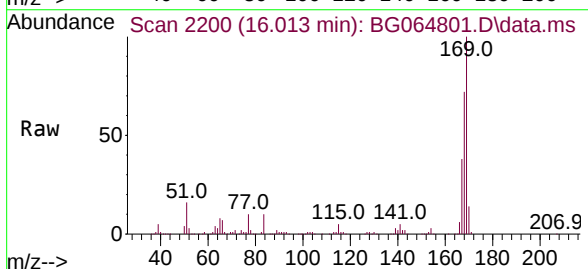
Tgt Ion:198 Resp: 102654
Ion Ratio Lower Upper
198 100
51 43.1 25.2 65.2
105 36.8 14.2 54.2

Manual Integrations
APPROVED

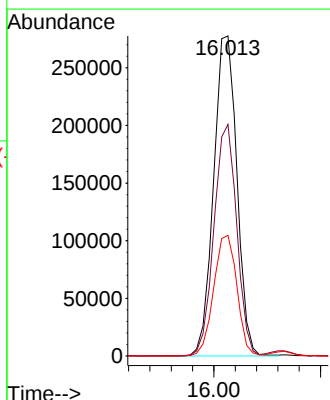
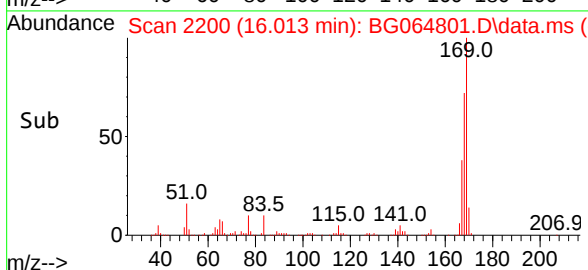
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

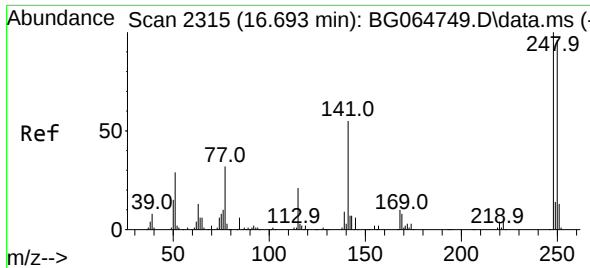


#66
n-Nitrosodiphenylamine
Concen: 43.773 ng
RT: 16.013 min Scan# 2200
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:169 Resp: 421718
Ion Ratio Lower Upper
169 100
168 72.3 55.9 83.9
167 37.7 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 42.288 ng
RT: 16.689 min Scan# 2315
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

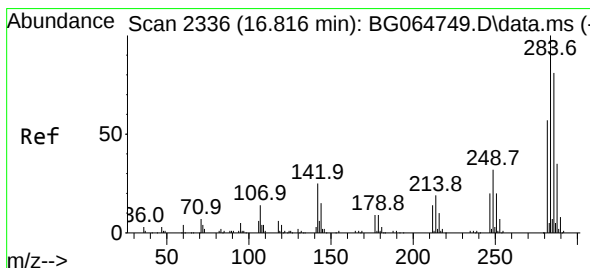
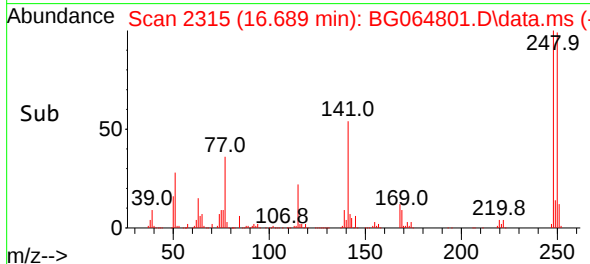
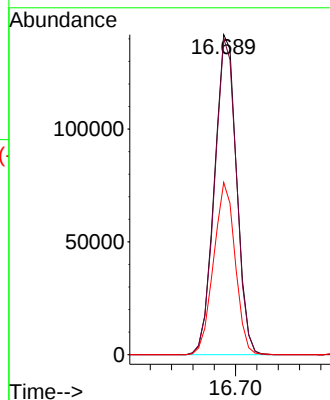
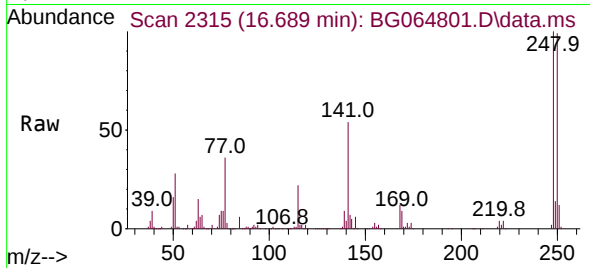
PB170598BS

Tgt Ion:248 Resp: 204256
Ion Ratio Lower Upper
248 100
250 98.9 77.0 115.6
141 53.8 43.7 65.5

Manual Integrations

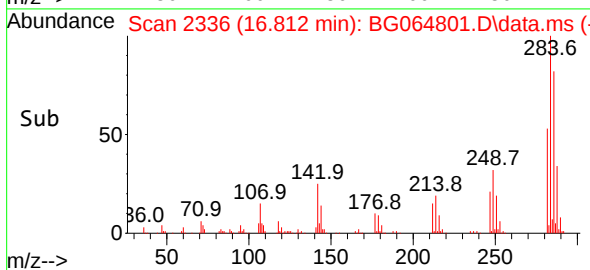
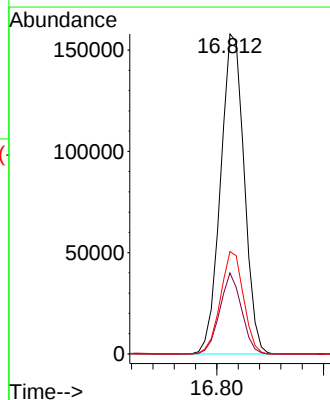
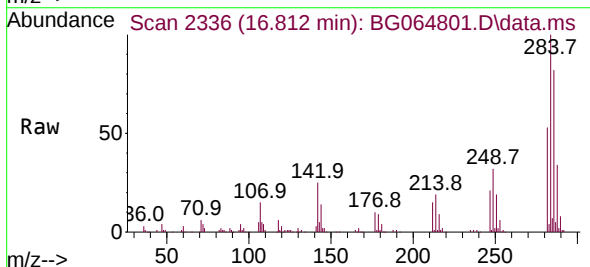
APPROVED

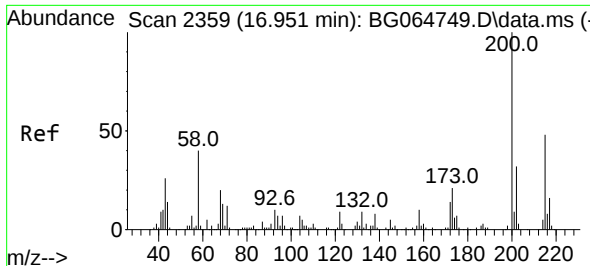
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#68
Hexachlorobenzene
Concen: 41.496 ng
RT: 16.812 min Scan# 2336
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:284 Resp: 242834
Ion Ratio Lower Upper
284 100
142 25.3 19.7 29.5
249 34.3 28.1 42.1





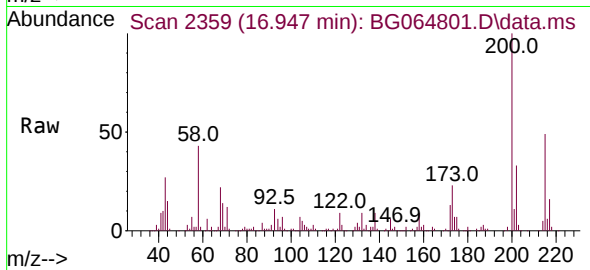
#69
 Atrazine
 Concen: 42.588 ng
 RT: 16.947 min Scan# 2359
 Delta R.T. -0.004 min
 Lab File: BG064801.D
 Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

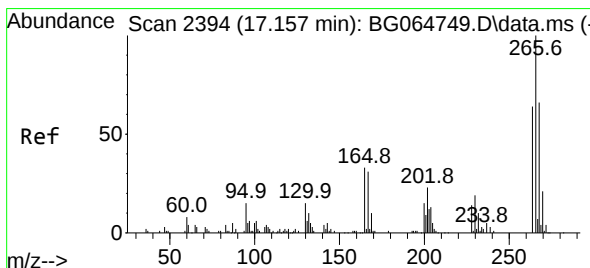
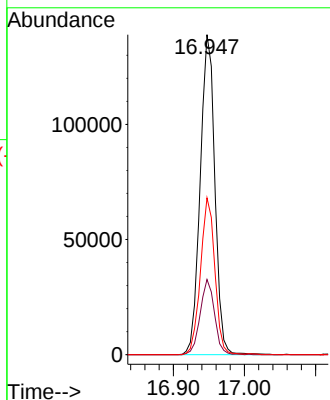
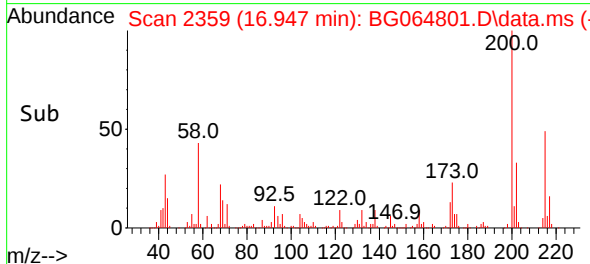


Tgt Ion:200 Resp: 197821
 Ion Ratio Lower Upper
 200 100
 173 23.5 0.9 40.9
 215 49.0 27.5 67.5

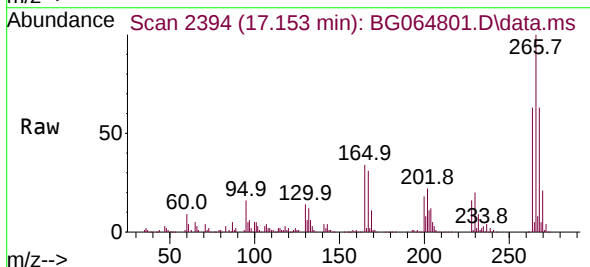
Manual Integrations

APPROVED

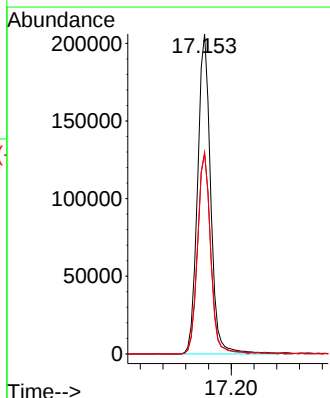
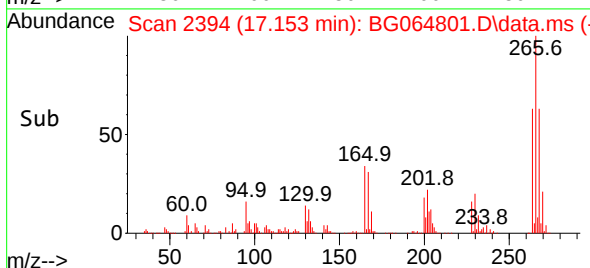
Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

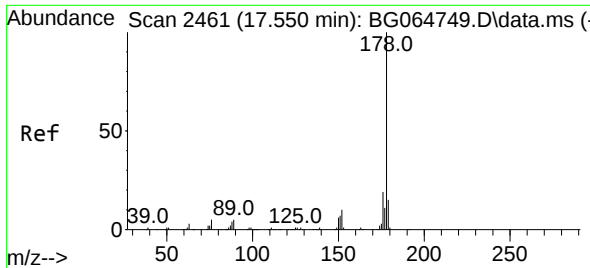


#70
 Pentachlorophenol
 Concen: 93.392 ng
 RT: 17.153 min Scan# 2394
 Delta R.T. -0.004 min
 Lab File: BG064801.D
 Acq: 18 Nov 2025 13:34



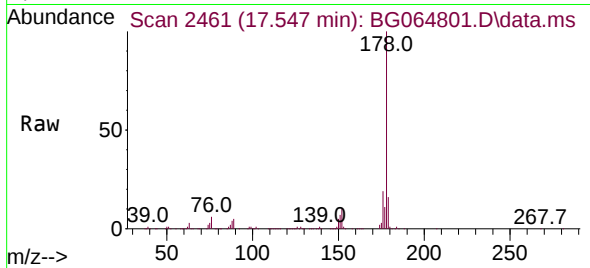
Tgt Ion:266 Resp: 327276
 Ion Ratio Lower Upper
 266 100
 268 67.4 56.1 84.1
 264 63.0 51.2 76.8





#71
Phenanthrene
Concen: 43.063 ng
RT: 17.547 min Scan# 2461
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

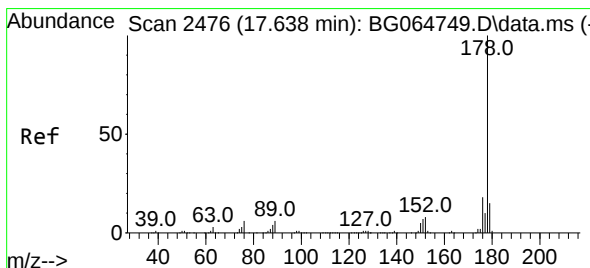
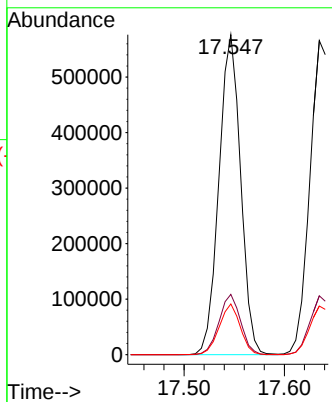
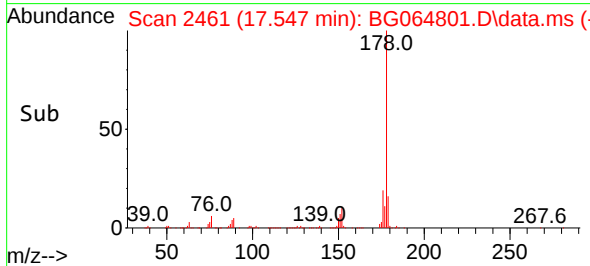
Instrument :
BNA_G
ClientSampleId :
PB170598BS



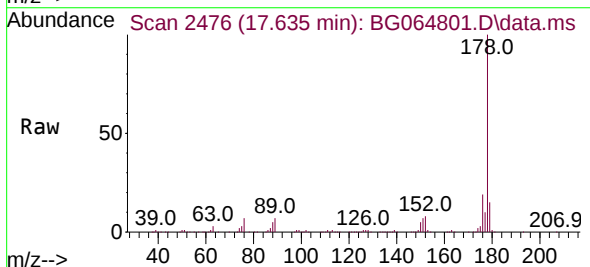
Tgt Ion:178 Resp: 866605
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.8 12.2 18.4

Manual Integrations
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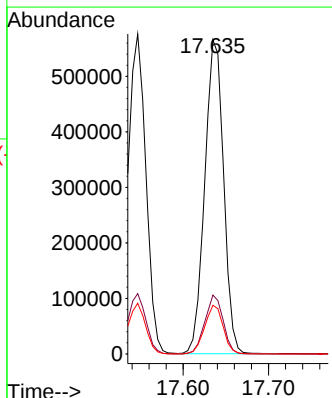
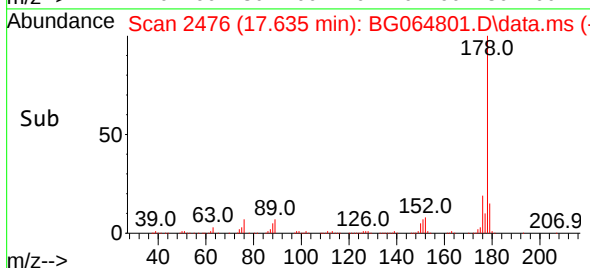
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

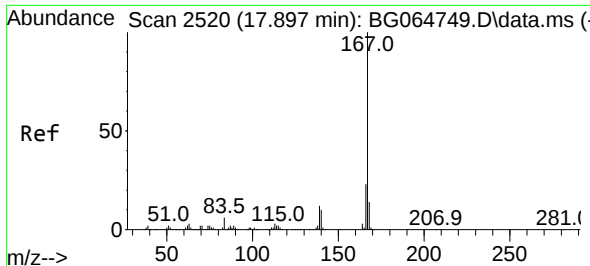


#72
Anthracene
Concen: 42.298 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



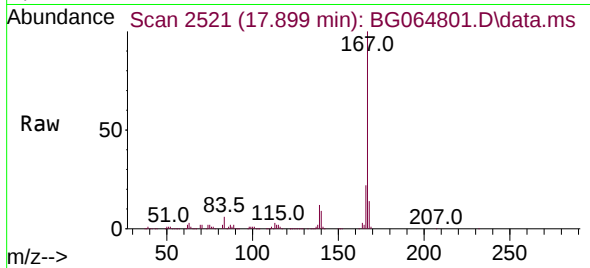
Tgt Ion:178 Resp: 867959
Ion Ratio Lower Upper
178 100
176 18.7 14.5 21.7
179 15.5 12.2 18.4





#73
Carbazole
Concen: 43.904 ng
RT: 17.899 min Scan# 2520
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

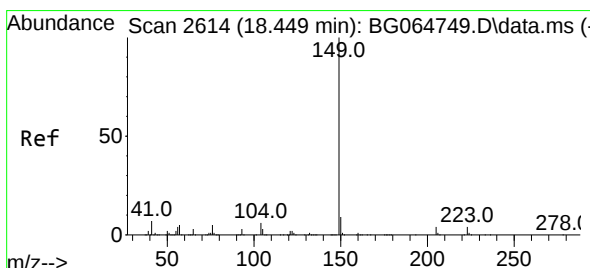
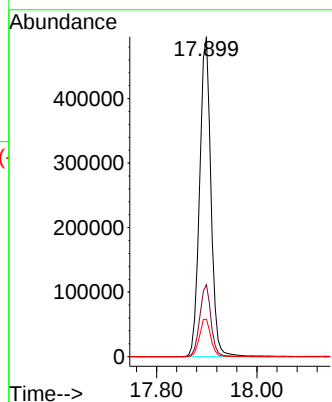
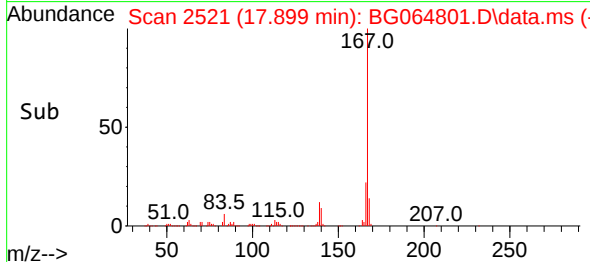
Instrument :
BNA_G
ClientSampleId :
PB170598BS



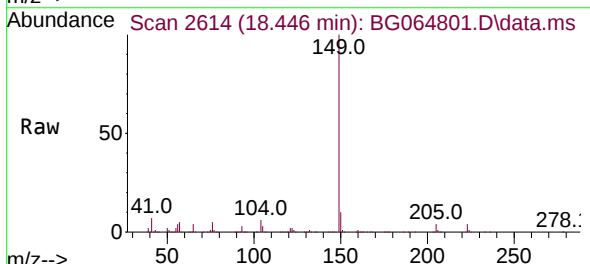
Tgt Ion:167 Resp: 774488
Ion Ratio Lower Upper
167 100
166 22.5 18.0 27.0
139 11.7 9.7 14.5

Manual Integrations
APPROVED

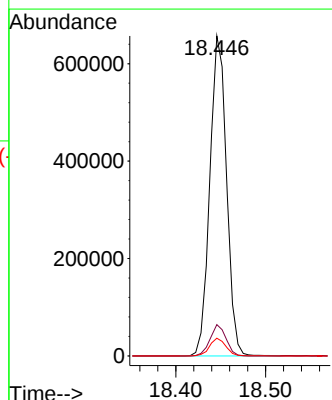
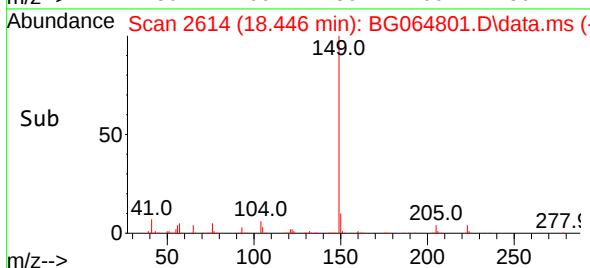
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

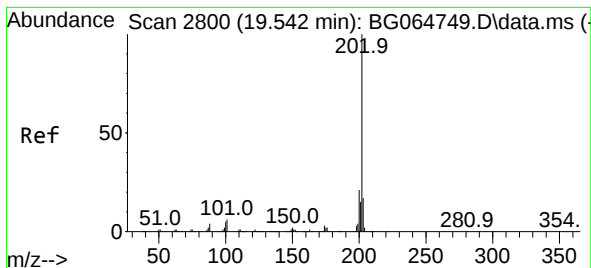


#74
Di-n-butylphthalate
Concen: 43.226 ng
RT: 18.446 min Scan# 2614
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:149 Resp: 850709
Ion Ratio Lower Upper
149 100
150 9.8 7.5 11.3
104 5.5 4.4 6.6





#75

Fluoranthene

Concen: 41.344 ng

RT: 19.538 min Scan# 2800

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

Tgt Ion:202 Resp: 1137730

Ion Ratio Lower Upper

202 100

101 6.9 0.0 26.4

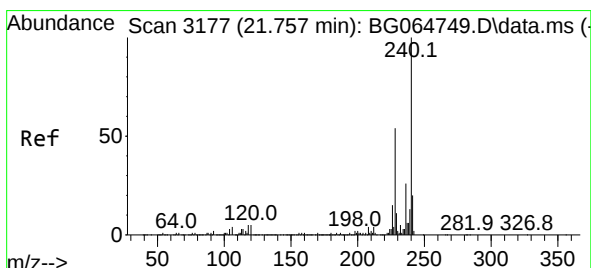
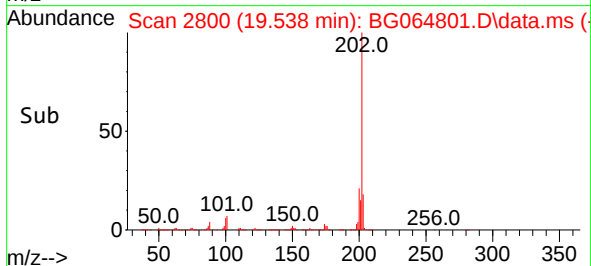
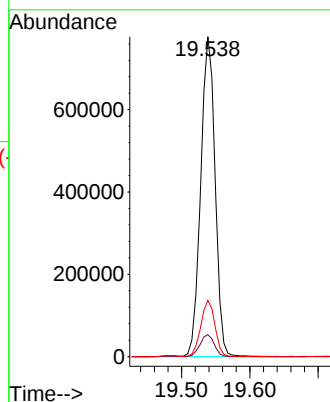
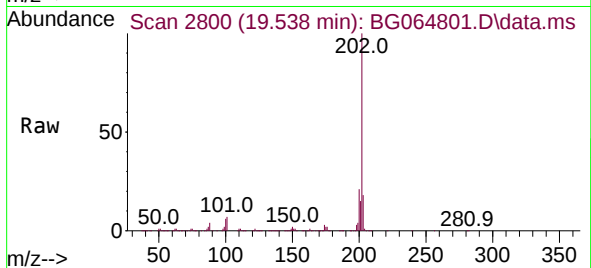
203 17.6 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.753 min Scan# 3177

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

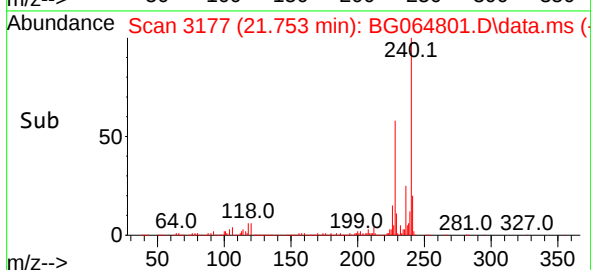
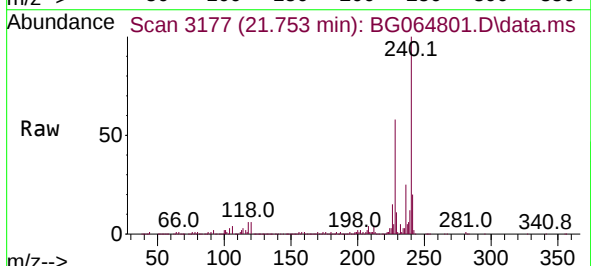
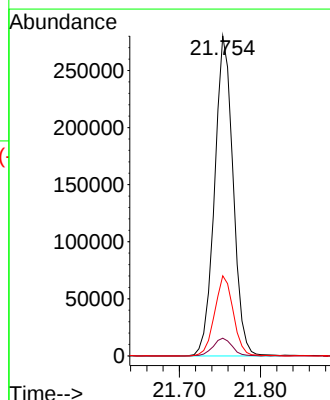
Tgt Ion:240 Resp: 443295

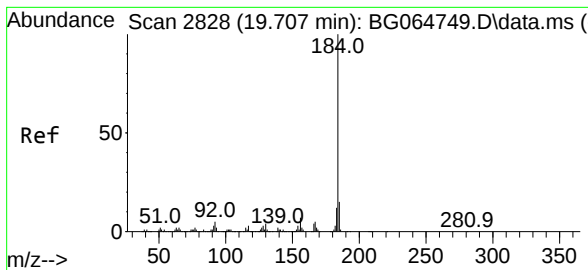
Ion Ratio Lower Upper

240 100

120 5.5 4.2 6.4

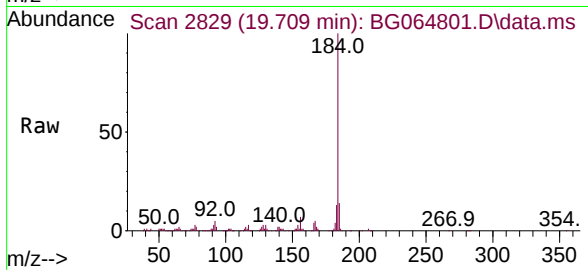
236 25.0 20.8 31.2





#77
Benzidine
Concen: 17.878 ng
RT: 19.709 min Scan# 2829
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

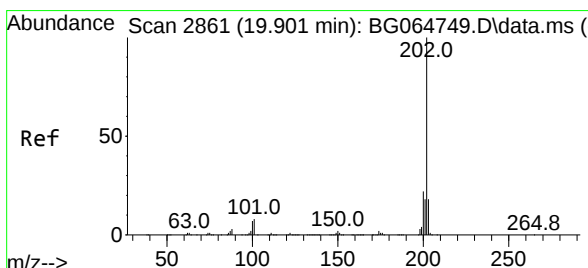
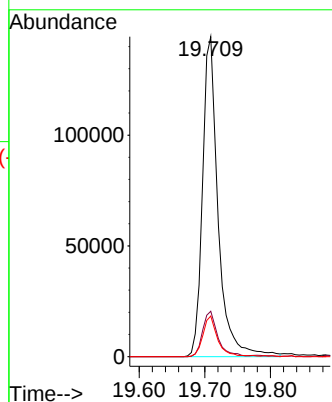
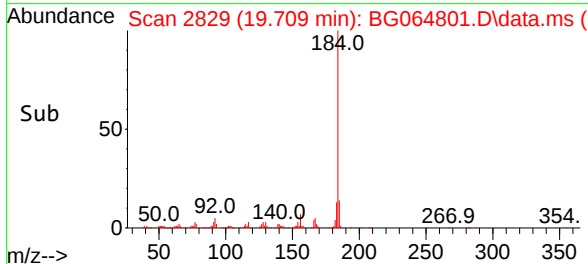
Instrument :
BNA_G
ClientSampleId :
PB170598BS



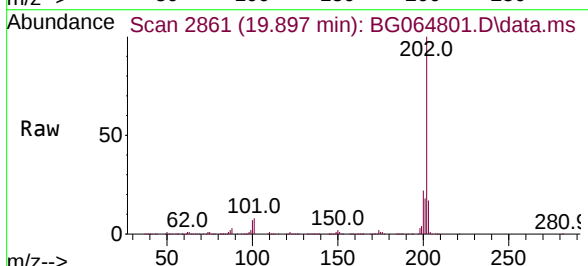
Tgt Ion:184 Resp: 237348
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 12.7 9.8 14.6

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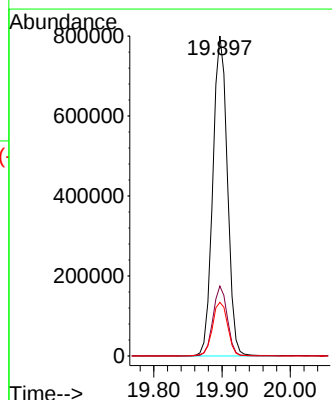
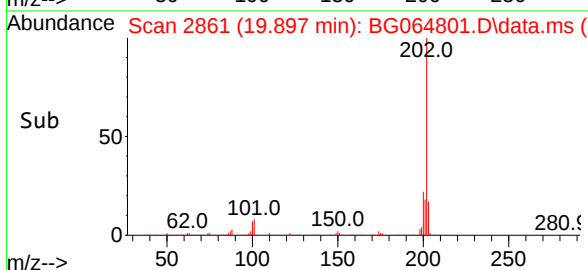
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

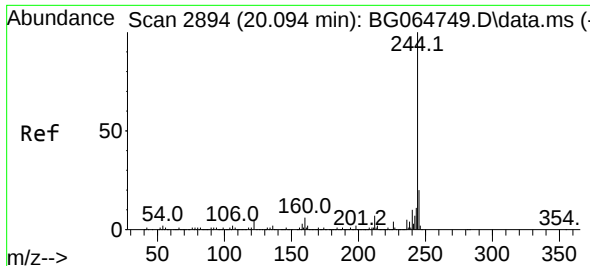


#78
Pyrene
Concen: 47.702 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:202 Resp: 1185154
Ion Ratio Lower Upper
202 100
200 21.8 17.9 26.9
203 16.7 14.0 21.0





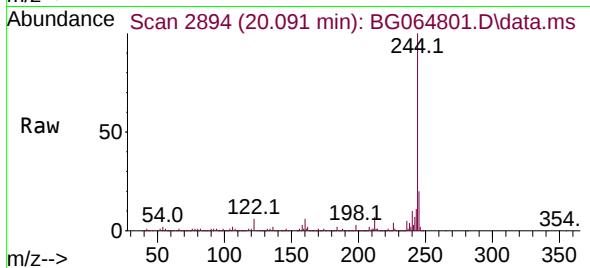
#79
Terphenyl-d14
Concen: 83.740 ng
RT: 20.091 min Scan# 2894
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

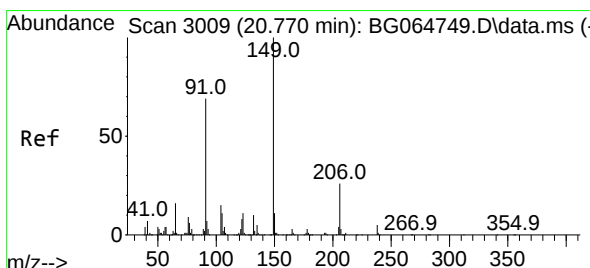
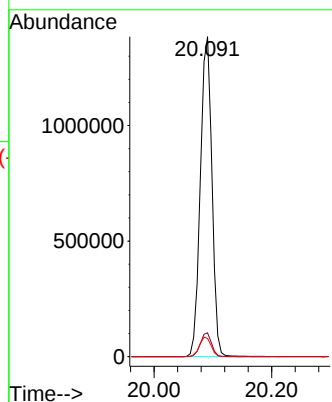
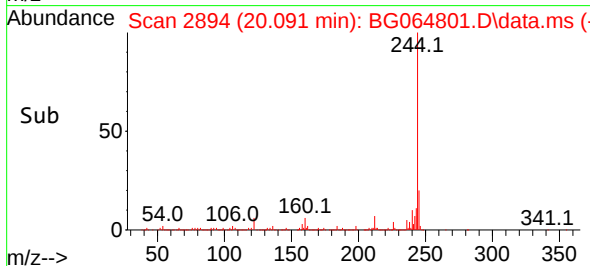


Tgt Ion:244 Resp: 1887131
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 5.7 4.3 6.5

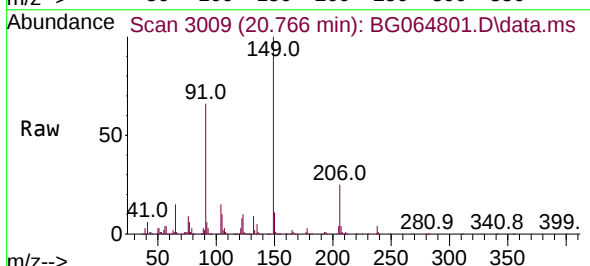
Manual Integrations

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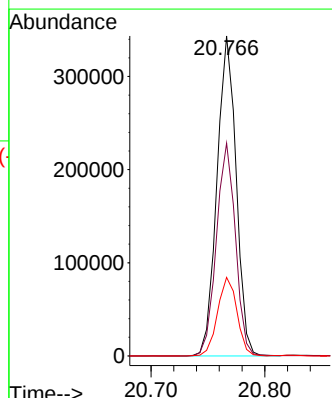
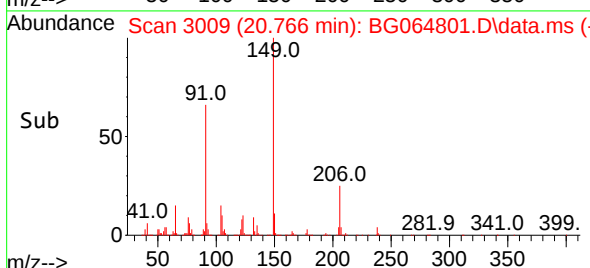
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

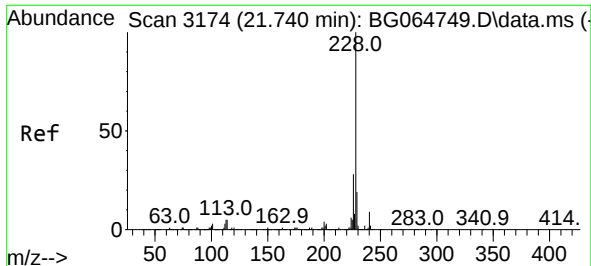


#80
Butylbenzylphthalate
Concen: 46.061 ng
RT: 20.766 min Scan# 3009
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



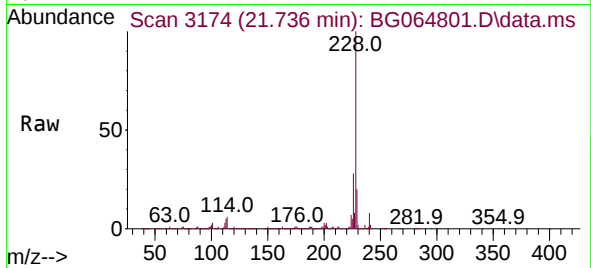
Tgt Ion:149 Resp: 402517
Ion Ratio Lower Upper
149 100
91 66.5 54.9 82.3
206 24.5 21.2 31.8





#81
Benzo(a)anthracene
Concen: 42.449 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

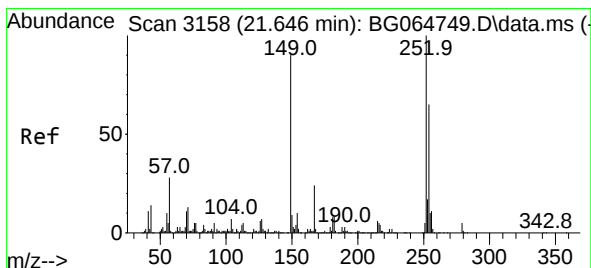
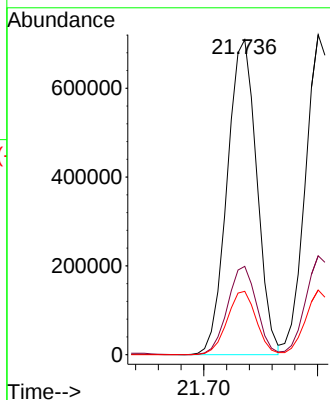
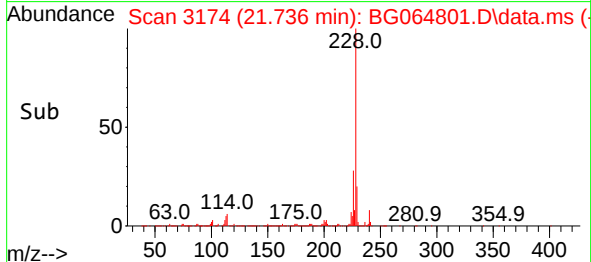
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion:228 Resp: 1279527
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 20.1 15.5 23.3

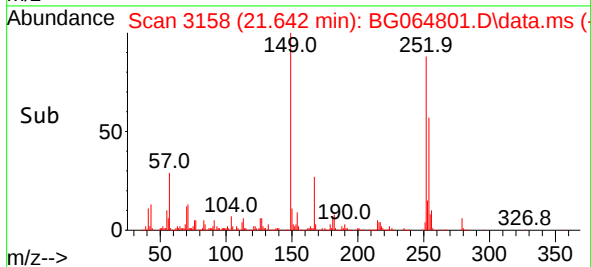
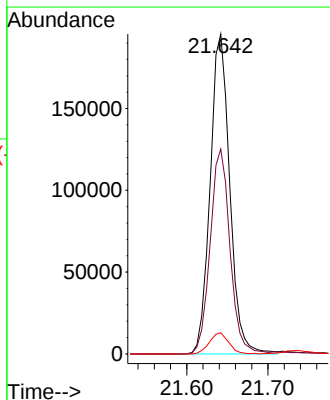
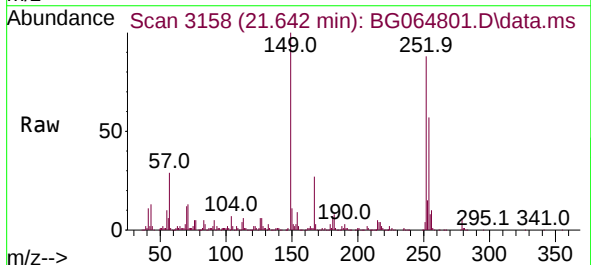
Manual Integrations
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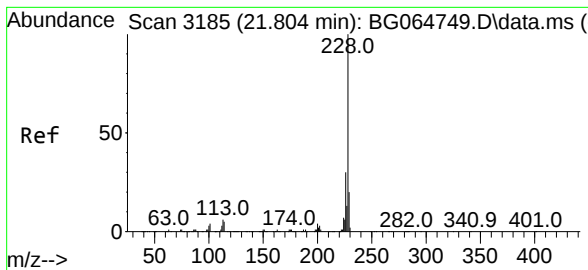
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#82
3,3'-Dichlorobenzidine
Concen: 29.546 ng
RT: 21.642 min Scan# 3158
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:252 Resp: 327800
Ion Ratio Lower Upper
252 100
254 64.0 51.8 77.8
126 6.6 4.7 7.1





#83

Chrysene

Concen: 42.701 ng

RT: 21.801 min Scan# 3185

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

Tgt Ion:228 Resp: 1213460

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.2

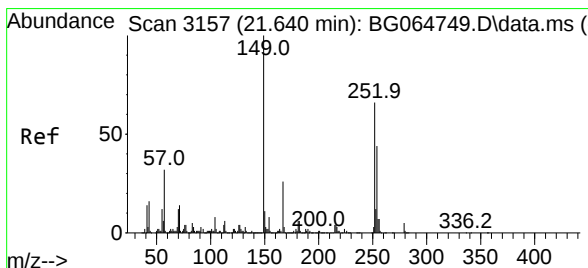
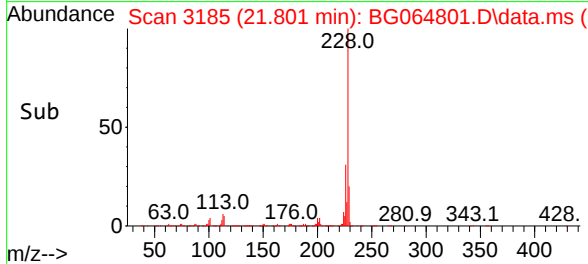
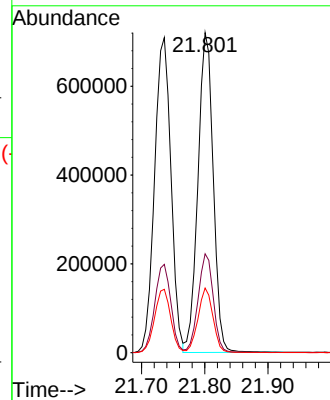
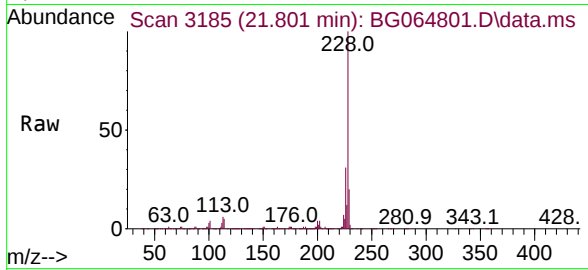
229 20.2 16.0 24.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.327 ng

RT: 21.630 min Scan# 3156

Delta R.T. -0.010 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

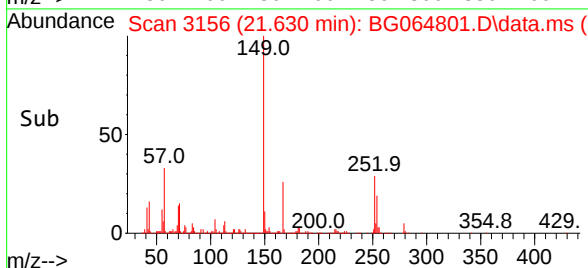
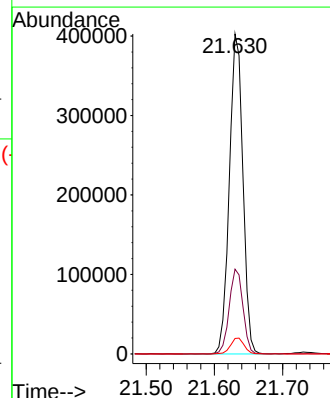
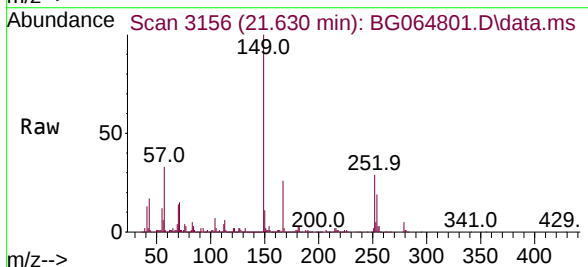
Tgt Ion:149 Resp: 553281

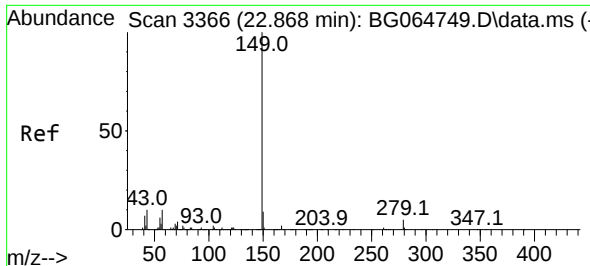
Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

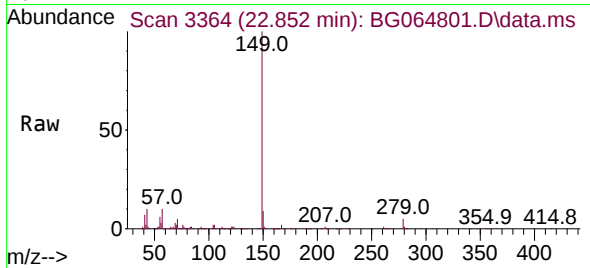
279 4.8 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 42.020 ng
RT: 22.852 min Scan# 3366
Delta R.T. -0.015 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

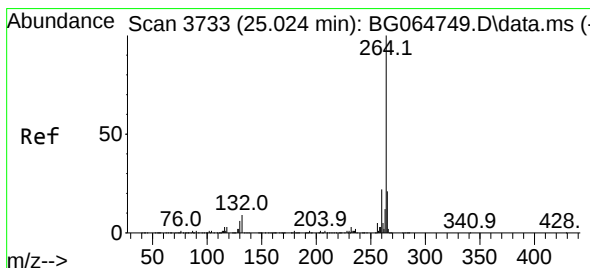
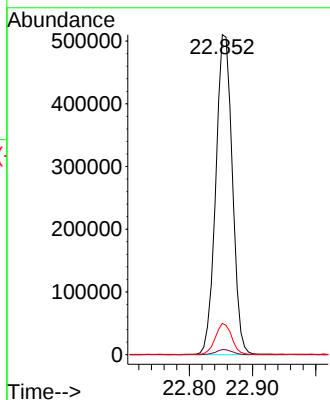
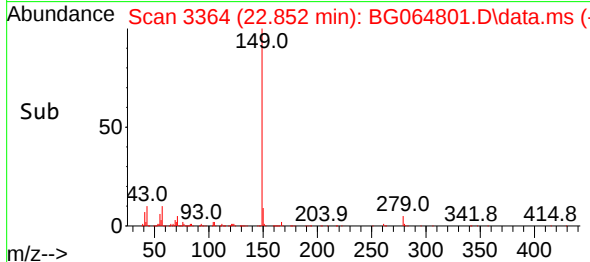
Instrument :
BNA_G
ClientSampleId :
PB170598BS



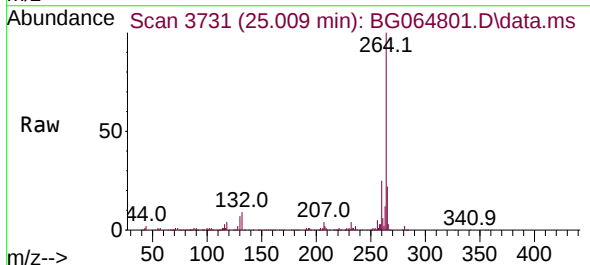
Tgt Ion:149 Resp: 927516
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.5 8.3 12.5

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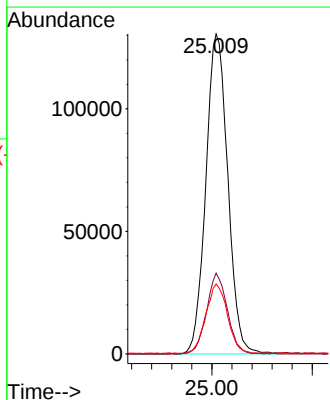
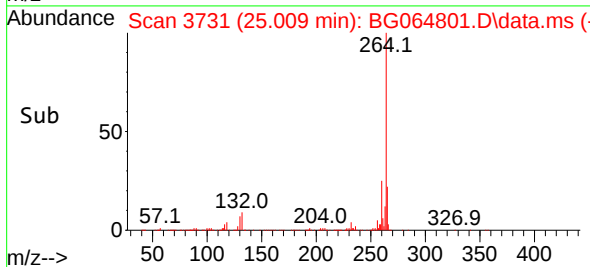
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

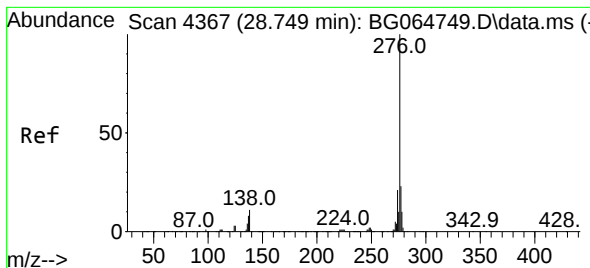


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.009 min Scan# 3731
Delta R.T. -0.015 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:264 Resp: 396280
Ion Ratio Lower Upper
264 100
260 25.2 17.2 25.8
265 21.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.271 ng

RT: 28.745 min Scan# 4367

Delta R.T. -0.004 min

Lab File: BG064801.D

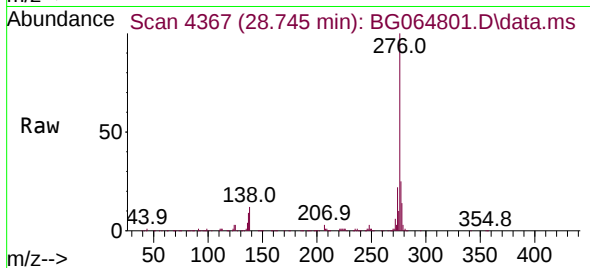
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS



Tgt Ion:276 Resp: 1314214

Ion Ratio Lower Upper

276 100

138 13.9 4.5 6.7

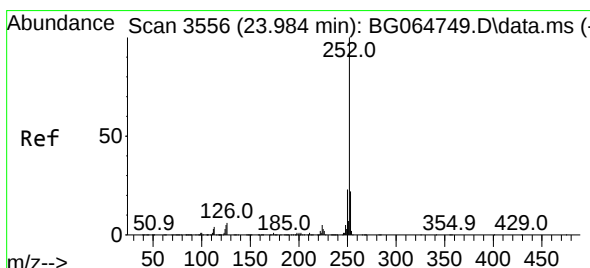
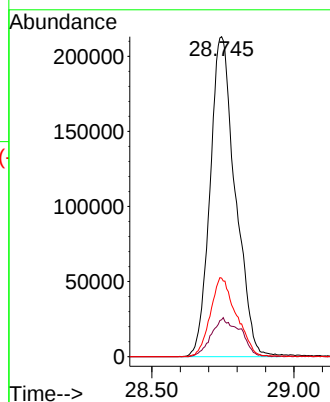
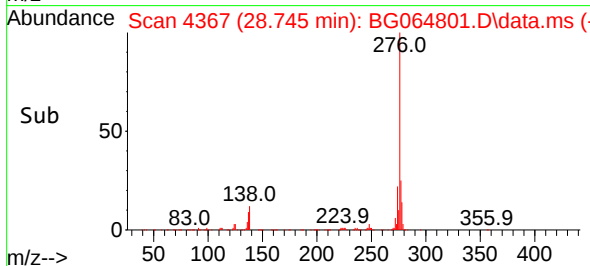
277 25.3 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#88

Benzo(b)fluoranthene

Concen: 47.716 ng

RT: 23.974 min Scan# 3555

Delta R.T. -0.010 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

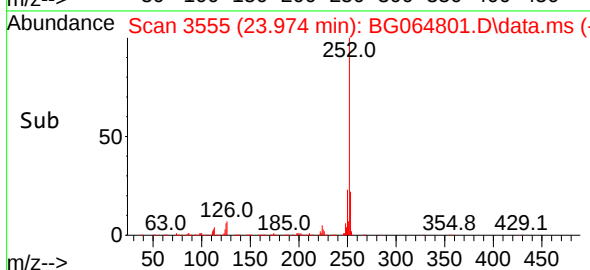
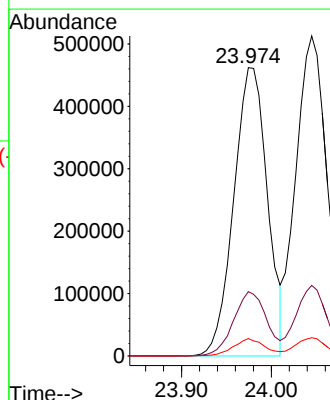
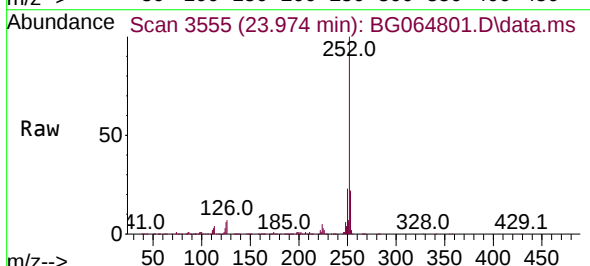
Tgt Ion:252 Resp: 1203332

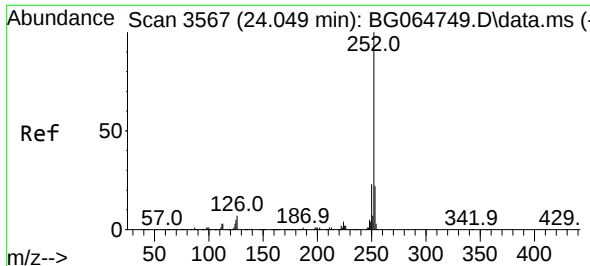
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 6.0 4.2 6.2





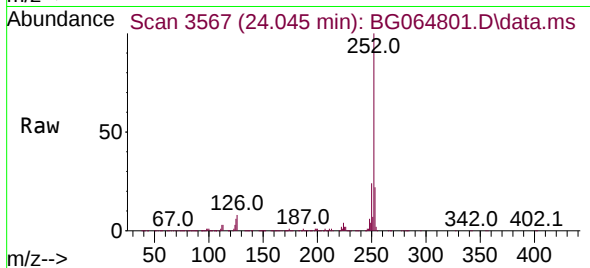
#89
Benzo(k)fluoranthene
Concen: 49.123 ng
RT: 24.045 min Scan# 3567
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

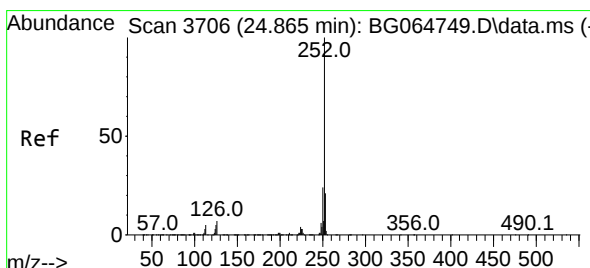
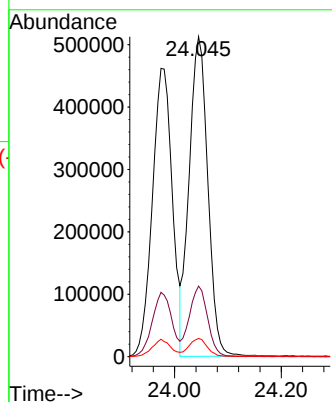
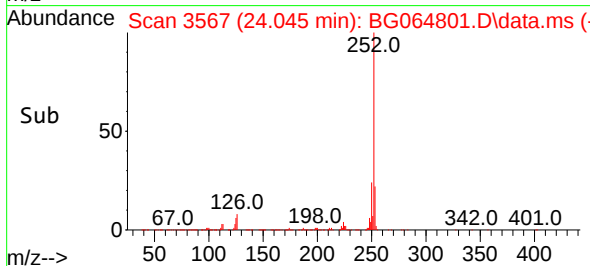


Tgt Ion:252 Resp: 1244574
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 5.7 4.1 6.1

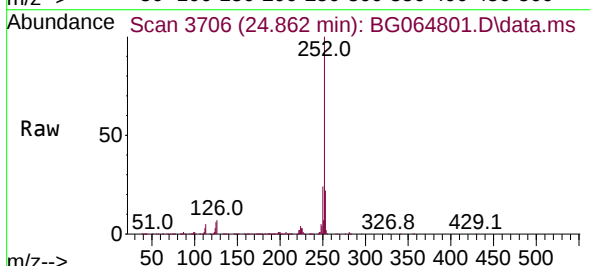
Manual Integrations

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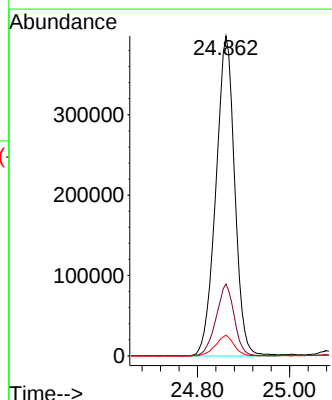
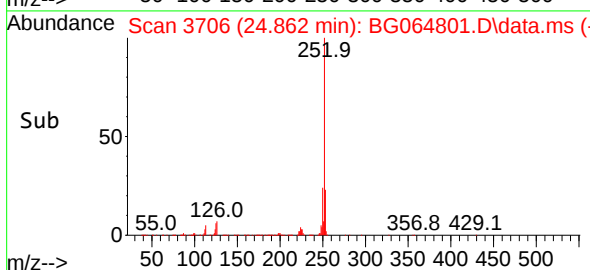
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

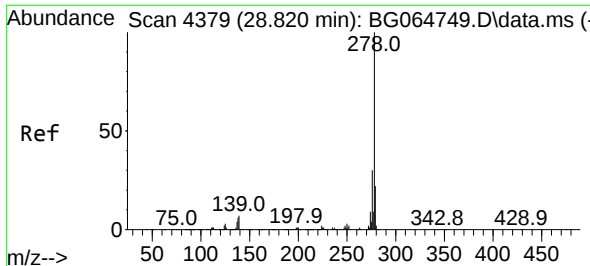


#90
Benzo(a)pyrene
Concen: 48.213 ng
RT: 24.862 min Scan# 3706
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



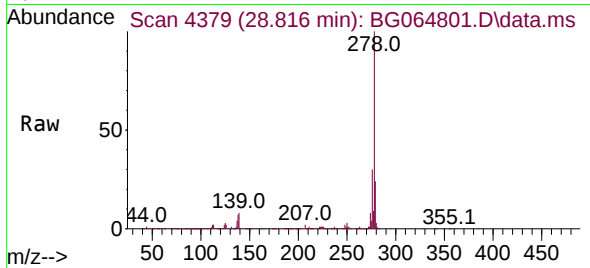
Tgt Ion:252 Resp: 1127879
Ion Ratio Lower Upper
252 100
253 22.5 16.9 25.3
125 6.5 4.2 6.4





#91
Dibenzo(a,h)anthracene
Concen: 49.180 ng
RT: 28.816 min Scan# 4379
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

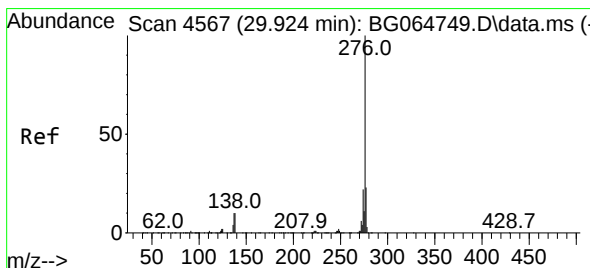
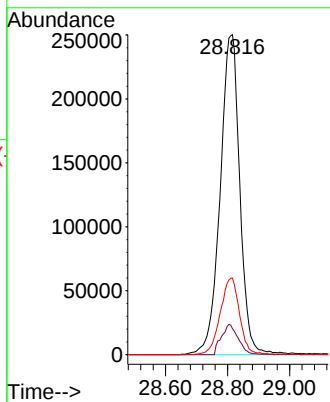
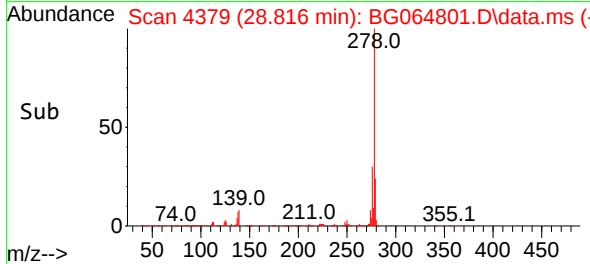
Instrument :
BNA_G
ClientSampleId :
PB170598BS



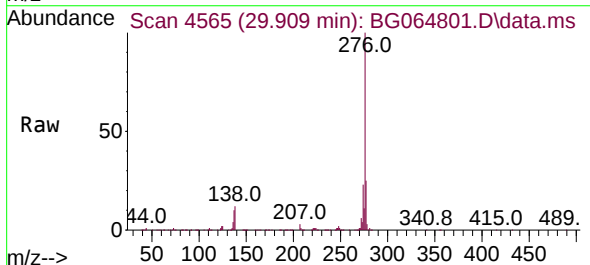
Tgt Ion:278 Resp: 1096913
Ion Ratio Lower Upper
278 100
139 8.1 5.8 8.8
279 23.9 17.3 25.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#92
Benzo(g,h,i)perylene
Concen: 49.262 ng
RT: 29.909 min Scan# 4565
Delta R.T. -0.015 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:276 Resp: 1057418
Ion Ratio Lower Upper
276 100
277 24.8 18.0 27.0
138 11.8 8.2 12.2

