

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
 Data File : BG064420.D
 Acq On : 22 Sep 2025 18:18
 Operator : RC/JU
 Sample : PB169783BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB169783BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/23/2025

Supervised By :Jagrut Upadhyay 09/23/2025

Quant Time: Sep 22 19:50:25 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	17950	20.000	ng	-0.02
21) Naphthalene-d8	10.632	136	77582	20.000	ng	#-0.02
39) Acenaphthene-d10	14.469	164	60373	20.000	ng	-0.01
64) Phenanthrene-d10	17.207	188	145222	20.000	ng	#-0.02
76) Chrysene-d12	21.437	240	163041	20.000	ng	#-0.02
86) Perylene-d12	24.439	264	171434	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.432	112	144758	144.685	ng	-0.01
7) Phenol-d6	7.019	99	192685	140.183	ng	-0.01
23) Nitrobenzene-d5	8.999	82	123087	88.482	ng	-0.02
42) 2,4,6-Tribromophenol	15.955	330	128170	160.279	ng	-0.02
45) 2-Fluorobiphenyl	13.094	172	334624	84.600	ng	-0.02
79) Terphenyl-d14	19.827	244	713409	91.291	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	13481	32.327	ng	# 89
3) Pyridine	3.728	79	36935	30.088	ng	# 59
4) n-Nitrosodimethylamine	3.646	42	37905	46.684	ng	# 93
6) Aniline	7.171	93	54421	28.631	ng	96
8) 2-Chlorophenol	7.406	128	51821	42.386	ng	98
9) Benzaldehyde	6.978	77	26080	23.056	ng	95
10) Phenol	7.042	94	69295	45.726	ng	81
11) bis(2-Chloroethyl)ether	7.260	93	37845	33.233	ng	89
12) 1,3-Dichlorobenzene	7.730	146	54651	42.018	ng	97
13) 1,4-Dichlorobenzene	7.877	146	54969	41.876	ng	94
14) 1,2-Dichlorobenzene	8.194	146	53754	42.430	ng	98
15) Benzyl Alcohol	8.076	79	53938	42.523	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.370	45	69151	26.597	ng	95
17) 2-Methylphenol	8.288	107	45083	39.917	ng	87
18) Hexachloroethane	8.916	117	21117	41.212	ng	# 81
19) n-Nitroso-di-n-propyla...	8.640	70	37836	35.967	ng	97
20) 3+4-Methylphenols	8.611	107	62946	40.110	ng	97
22) Acetophenone	8.658	105	86230	43.933	ng	# 99
24) Nitrobenzene	9.034	77	60116	41.361	ng	99
25) Isophorone	9.557	82	108573	37.554	ng	98
26) 2-Nitrophenol	9.745	139	28275	45.022	ng	# 78
27) 2,4-Dimethylphenol	9.810	122	52329	47.459	ng	97
28) bis(2-Chloroethoxy)met...	10.039	93	57304	36.758	ng	98
29) 2,4-Dichlorophenol	10.280	162	56693	48.731	ng	94
30) 1,2,4-Trichlorobenzene	10.497	180	56715	46.235	ng	96
31) Naphthalene	10.679	128	164587	40.911	ng	98
32) Benzoic acid	9.962	122	39505m	45.136	ng	
33) 4-Chloroaniline	10.785	127	40738	26.127	ng	97
34) Hexachlorobutadiene	10.967	225	46651	51.449	ng	95
35) Caprolactam	11.560	113	18951m	42.069	ng	
36) 4-Chloro-3-methylphenol	11.919	107	68952	45.680	ng	93
37) 2-Methylnaphthalene	12.289	142	112085	37.482	ng	# 92
38) 1-Methylnaphthalene	12.506	142	120474	40.788	ng	99
40) 1,2,4,5-Tetrachloroben...	12.659	216	81001	46.500	ng	99
41) Hexachlorocyclopentadiene	12.642	237	102013	123.220	ng	95
43) 2,4,6-Trichlorophenol	12.900	196	51936	44.607	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
 Data File : BG064420.D
 Acq On : 22 Sep 2025 18:18
 Operator : RC/JU
 Sample : PB169783BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169783BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/23/2025
 Supervised By :Jagrut Upadhyay 09/23/2025

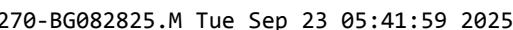
Quant Time: Sep 22 19:50:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

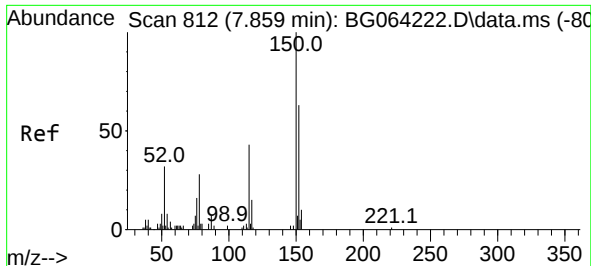
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	56560	44.783	ng	98
46) 1,1'-Biphenyl	13.300	154	190828	43.397	ng	98
47) 2-Chloronaphthalene	13.341	162	131287	39.714	ng	97
48) 2-Nitroaniline	13.546	65	50400	44.731	ng	92
49) Acenaphthylene	14.187	152	224621	45.965	ng	97
50) Dimethylphthalate	13.928	163	191837	41.980	ng	98
51) 2,6-Dinitrotoluene	14.046	165	43096	48.714	ng	92
52) Acenaphthene	14.533	154	133492	38.709	ng	96
53) 3-Nitroaniline	14.369	138	27026	29.164	ng	98
54) 2,4-Dinitrophenol	14.580	184	57448	98.021	ng	# 82
55) Dibenzofuran	14.868	168	225680	41.604	ng	99
56) 4-Nitrophenol	14.692	139	66347	87.280	ng	# 76
57) 2,4-Dinitrotoluene	14.833	165	64783	48.431	ng	92
58) Fluorene	15.515	166	191818	43.144	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.097	232	58657	48.287	ng	98
60) Diethylphthalate	15.291	149	208251	42.582	ng	98
61) 4-Chlorophenyl-phenyle...	15.509	204	99996	45.110	ng	97
62) 4-Nitroaniline	15.538	138	40183	42.495	ng	# 82
63) Azobenzene	15.803	77	170202	39.047	ng	94
65) 4,6-Dinitro-2-methylph...	15.597	198	43495	52.167	ng	92
66) n-Nitrosodiphenylamine	15.726	169	167890	42.026	ng	98
67) 4-Bromophenyl-phenylether	16.402	248	69801	45.254	ng	98
68) Hexachlorobenzene	16.519	284	80777	47.159	ng	93
69) Atrazine	16.678	200	75578	45.309	ng	99
70) Pentachlorophenol	16.866	266	106217	102.272	ng	92
71) Phenanthrene	17.254	178	323247	42.202	ng	99
72) Anthracene	17.342	178	332117	42.626	ng	99
73) Carbazole	17.612	167	301871	43.981	ng	99
74) Di-n-butylphthalate	18.176	149	362125	43.914	ng	99
75) Fluoranthene	19.263	202	408386	45.345	ng	96
77) Benzidine	19.445	184	115097	33.558	ng	98
78) Pyrene	19.622	202	414998	40.402	ng	98
80) Butylbenzylphthalate	20.515	149	164843	42.548	ng	95
81) Benzo(a)anthracene	21.419	228	439399	42.126	ng	99
82) 3,3'-Dichlorobenzidine	21.343	252	100362	29.544	ng	97
83) Chrysene	21.484	228	404786	40.423	ng	99
84) Bis(2-ethylhexyl)phtha...	21.343	149	237829	40.888	ng	99
85) Di-n-octyl phthalate	22.477	149	404654	39.926	ng	97
87) Indeno(1,2,3-cd)pyrene	27.818	276	517409	44.195	ng	# 78
88) Benzo(b)fluoranthene	23.494	252	431770	44.625	ng	# 96
89) Benzo(k)fluoranthene	23.558	252	436044	44.236	ng	# 96
90) Benzo(a)pyrene	24.304	252	405389	45.041	ng	# 94
91) Dibenzo(a,h)anthracene	27.871	278	427833	45.514	ng	# 97
92) Benzo(g,h,i)perylene	28.870	276	417200	45.612	ng	# 92

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

Manual Integrations

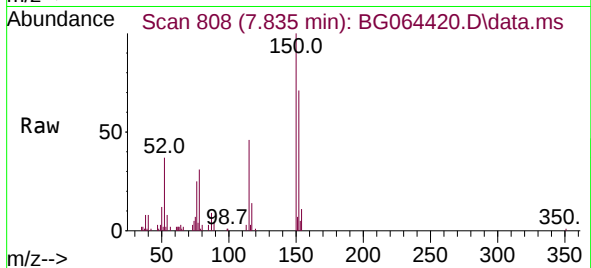
Quant Time: Sep 22 19:50:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.835 min Scan# 80
 Delta R.T. -0.024 min
 Lab File: BG064420.D
 Acq: 22 Sep 2025 18:18

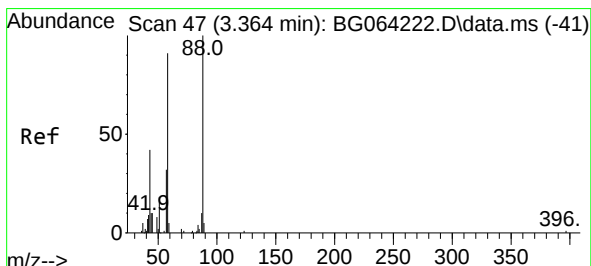
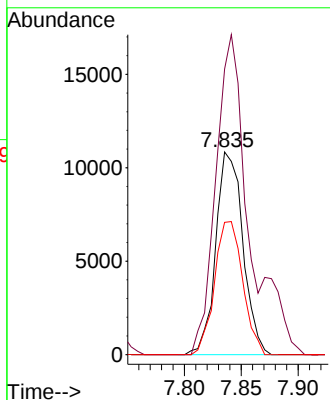
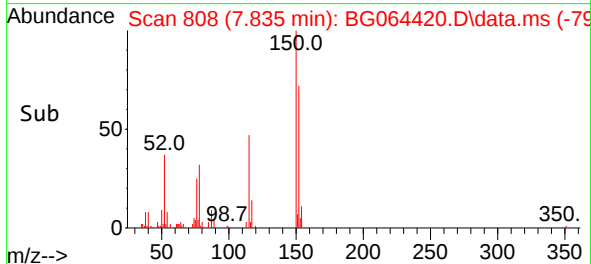
Instrument :
 BNA_G
 ClientSampleId :
 PB169783BS



Tgt Ion:152 Resp: 17950
 Ion Ratio Lower Upper
 152 100
 150 140.9 128.0 192.0
 115 65.2 55.7 83.5

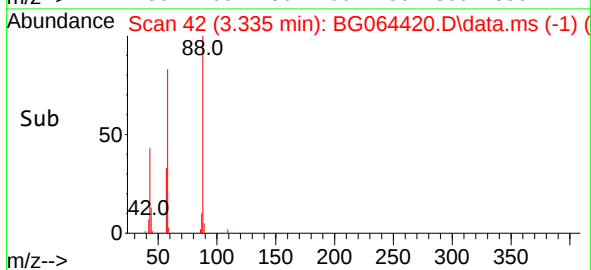
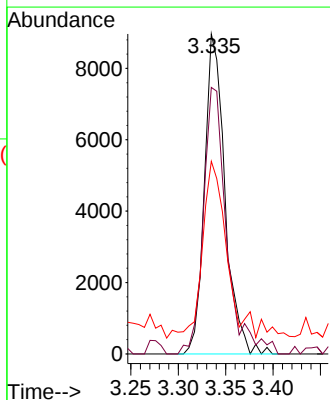
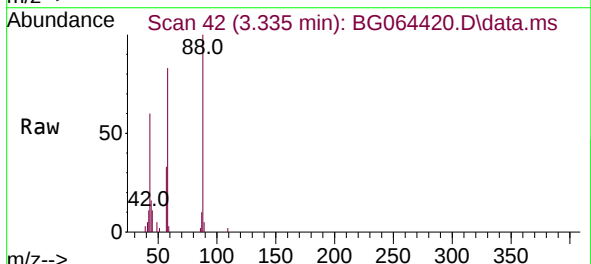
Manual Integrations
 APPROVED

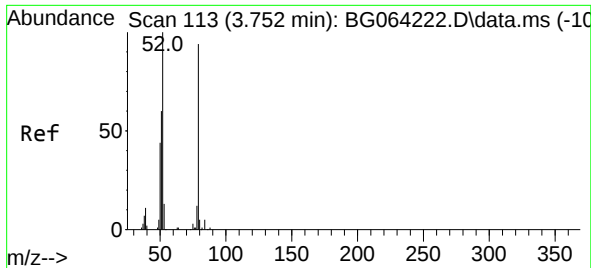
Reviewed By :Rahul Chavli 09/23/2025
 Supervised By :Jagrut Upadhyay 09/23/2025



#2
 1,4-Dioxane
 Concen: 32.327 ng
 RT: 3.335 min Scan# 42
 Delta R.T. -0.024 min
 Lab File: BG064420.D
 Acq: 22 Sep 2025 18:18

Tgt Ion: 88 Resp: 13481
 Ion Ratio Lower Upper
 88 100
 58 94.2 80.8 121.2
 43 63.1 40.3 60.5





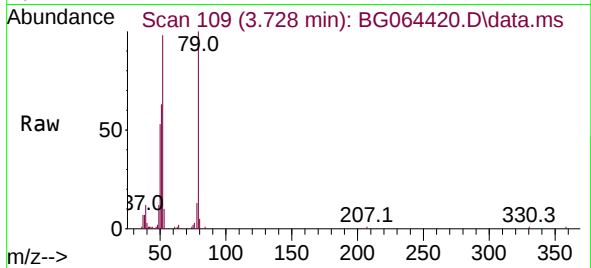
#3
Pyridine
Concen: 30.088 ng
RT: 3.728 min Scan# 10
Delta R.T. -0.024 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

PB169783BS



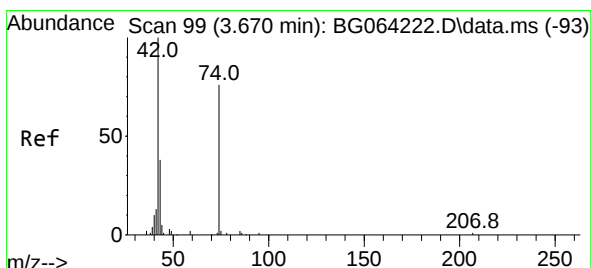
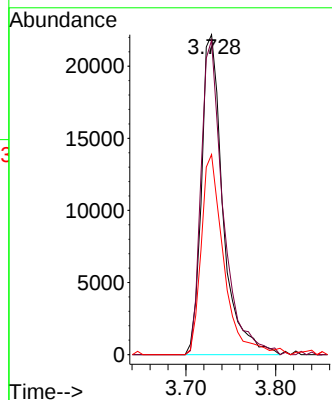
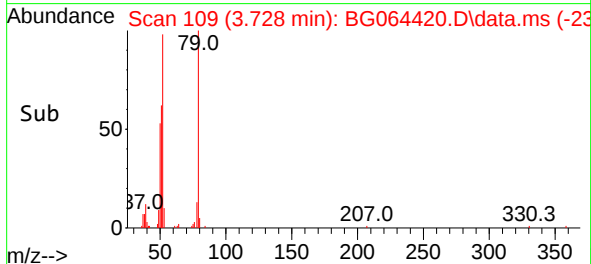
Tgt Ion: 79 Resp: 36935
Ion Ratio Lower Upper
79 100
52 98.2 86.6 129.8
51 62.5 114.1 171.1

Manual Integrations

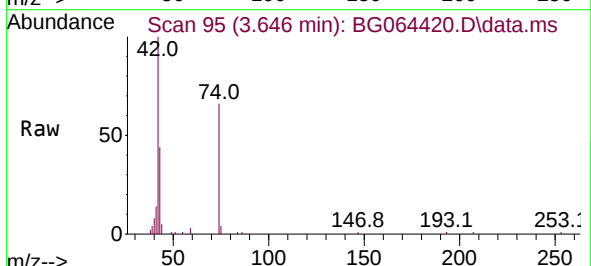
APPROVED

Reviewed By :Rahul Chavli 09/23/2025

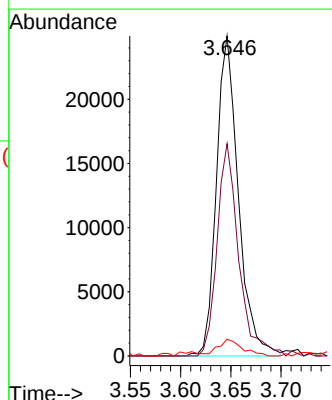
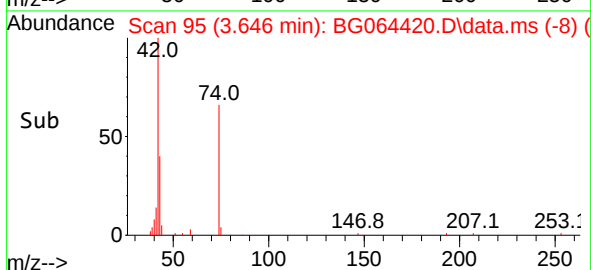
Supervised By :Jagrut Upadhyay 09/23/2025

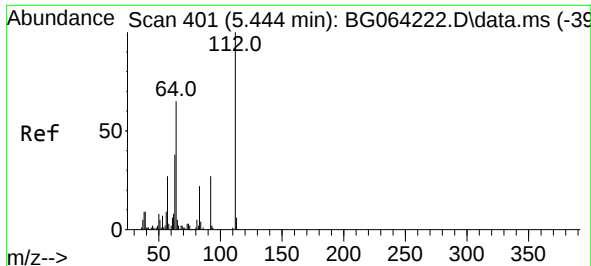


#4
n-Nitrosodimethylamine
Concen: 46.684 ng
RT: 3.646 min Scan# 95
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18



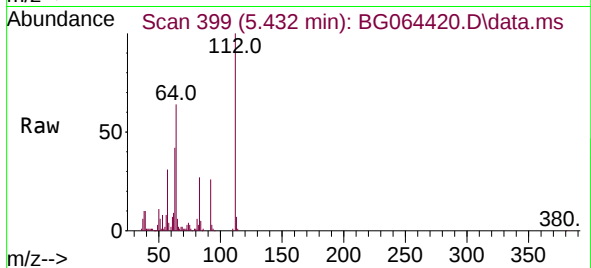
Tgt Ion: 42 Resp: 37905
Ion Ratio Lower Upper
42 100
74 66.3 58.0 87.0
44 5.2 5.5 8.3





#5
2-Fluorophenol
Concen: 144.685 ng
RT: 5.432 min Scan# 399
Delta R.T. -0.012 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

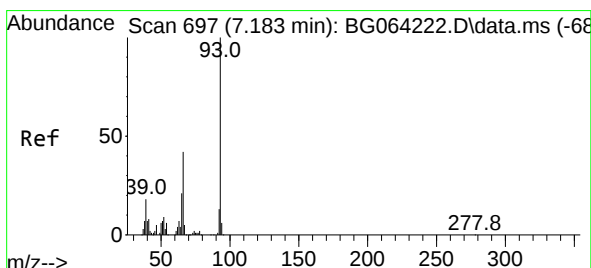
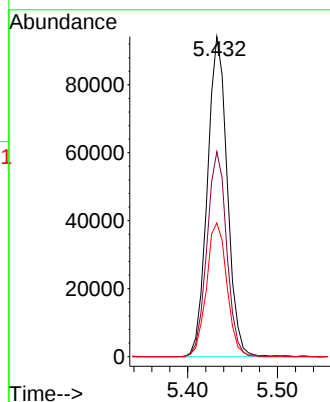
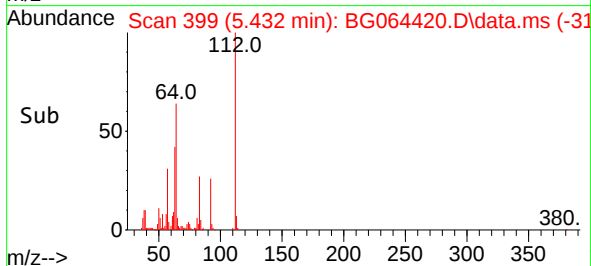
Instrument :
BNA_G
ClientSampleId :
PB169783BS



Tgt Ion: 112 Resp: 144758
Ion Ratio Lower Upper
112 100
64 64.0 51.8 77.6
63 41.8 30.6 45.8

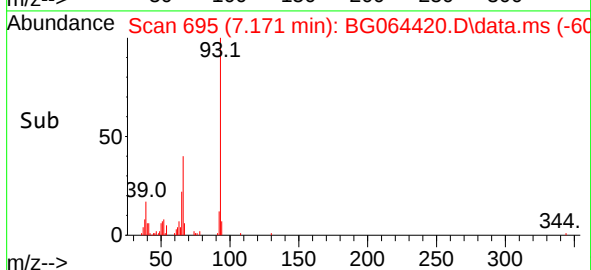
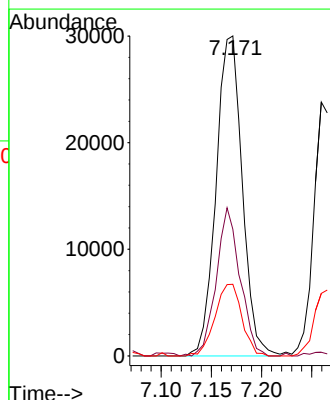
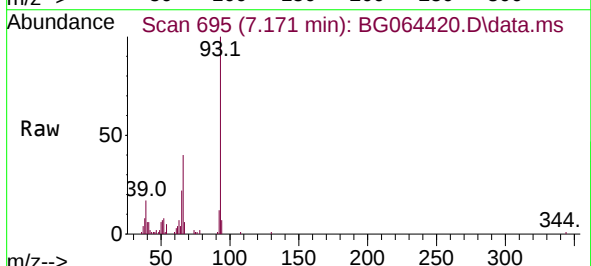
Manual Integrations
APPROVED

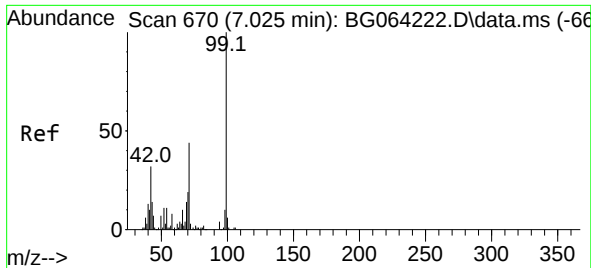
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#6
Aniline
Concen: 28.631 ng
RT: 7.171 min Scan# 695
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

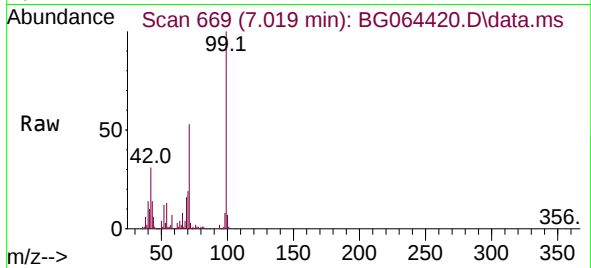
Tgt Ion: 93 Resp: 54421
Ion Ratio Lower Upper
93 100
66 39.6 33.8 50.8
65 22.4 16.9 25.3





#7
Phenol-d6
Concen: 140.183 ng
RT: 7.019 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

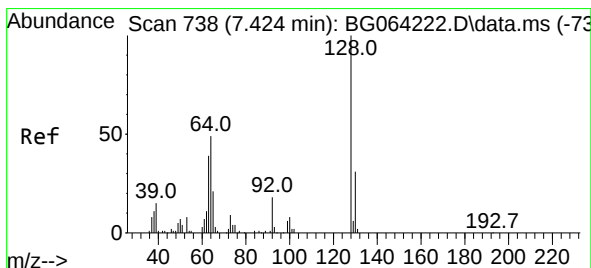
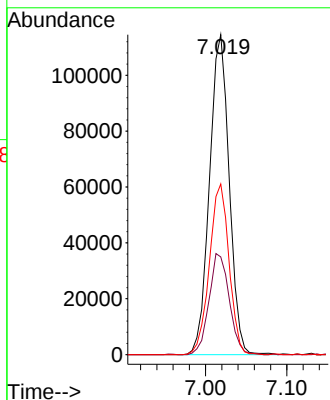
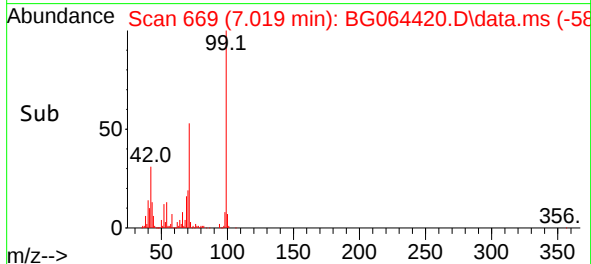
Instrument :
BNA_G
ClientSampleId :
PB169783BS



Tgt Ion: 99 Resp: 192685
Ion Ratio Lower Upper
99 100
42 30.5 25.8 38.8
71 53.3 35.2 52.8

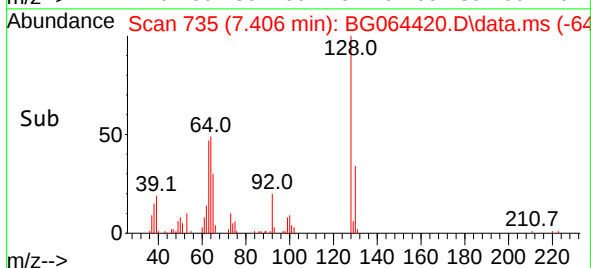
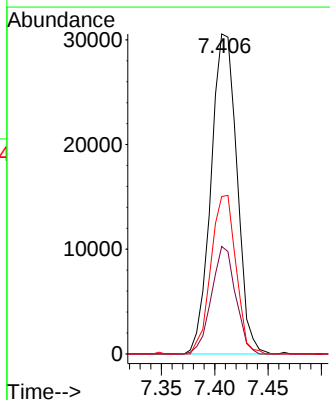
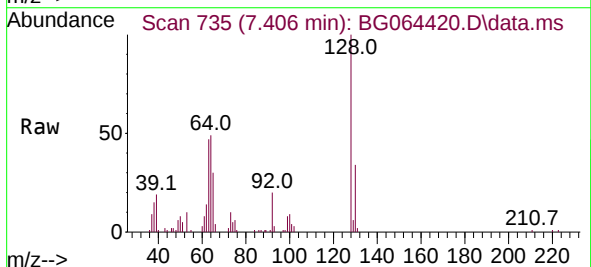
Manual Integrations
APPROVED

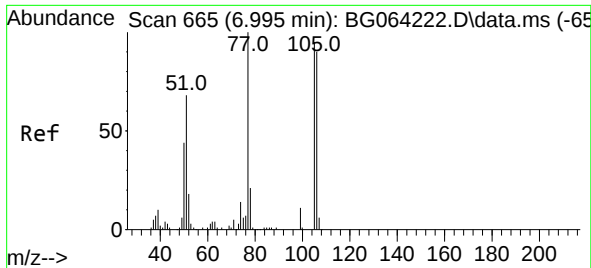
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#8
2-Chlorophenol
Concen: 42.386 ng
RT: 7.406 min Scan# 735
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Tgt Ion:128 Resp: 51821
Ion Ratio Lower Upper
128 100
130 33.6 10.9 50.9
64 49.2 28.7 68.7





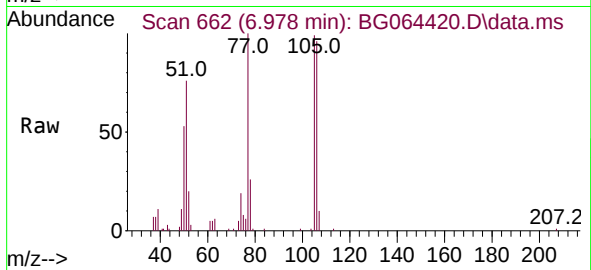
#9
Benzaldehyde
Concen: 23.056 ng
RT: 6.978 min Scan# 60
Delta R.T. -0.017 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

PB169783BS



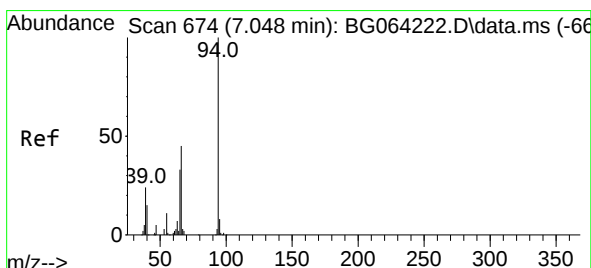
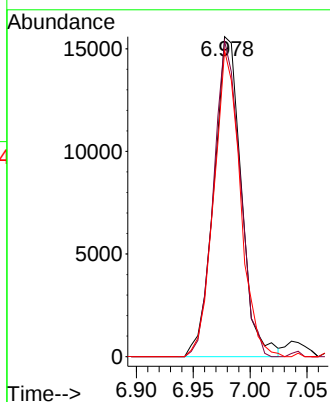
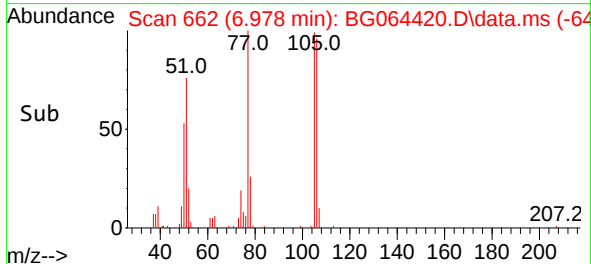
Tgt Ion: 77 Resp: 26080
Ion Ratio Lower Upper
77 100
105 98.6 75.2 115.2
106 95.7 69.6 109.6

Manual Integrations

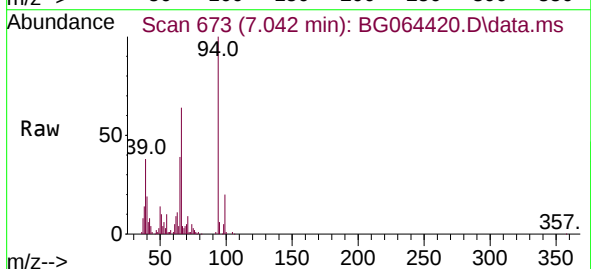
APPROVED

Reviewed By :Rahul Chavli 09/23/2025

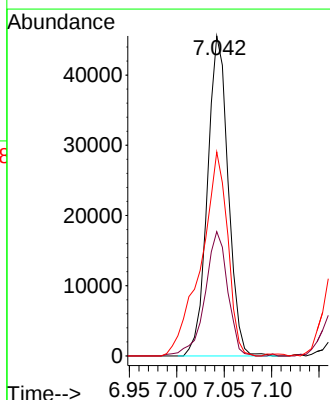
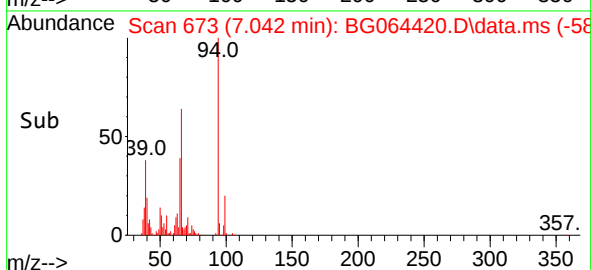
Supervised By :Jagrut Upadhyay 09/23/2025

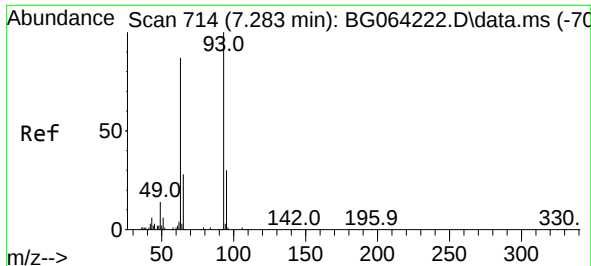


#10
Phenol
Concen: 45.726 ng
RT: 7.042 min Scan# 673
Delta R.T. -0.012 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18



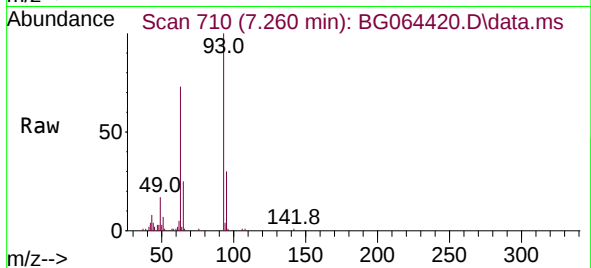
Tgt Ion: 94 Resp: 69295
Ion Ratio Lower Upper
94 100
65 38.8 13.5 53.5
66 63.7 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 33.233 ng
RT: 7.260 min Scan# 714
Delta R.T. -0.024 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

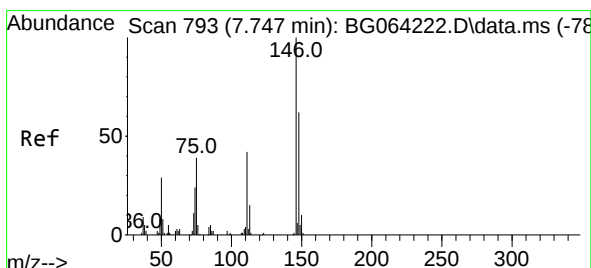
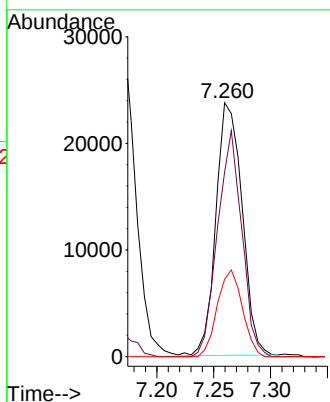
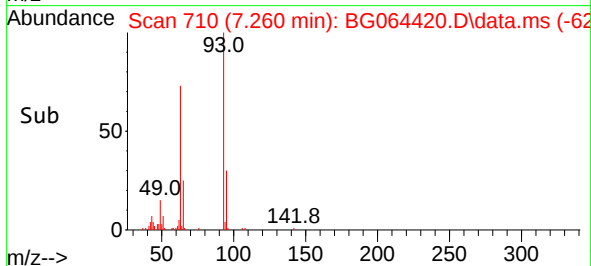
Instrument :
BNA_G
ClientSampleId :
PB169783BS



Tgt Ion: 93 Resp: 37845
Ion Ratio Lower Upper
93 100
63 72.7 66.2 106.2
95 30.5 9.8 49.8

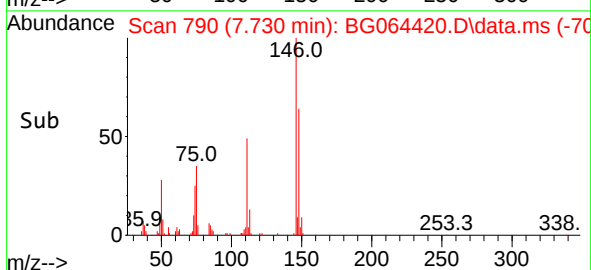
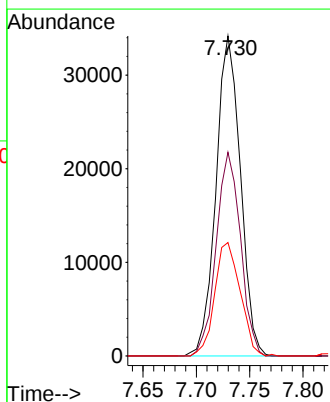
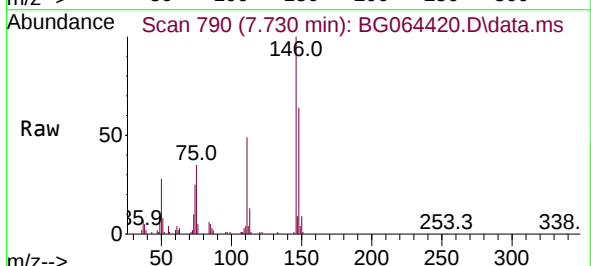
Manual Integrations
APPROVED

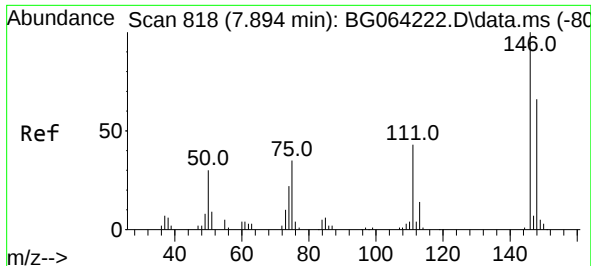
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#12
1,3-Dichlorobenzene
Concen: 42.018 ng
RT: 7.730 min Scan# 790
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Tgt Ion:146 Resp: 54651
Ion Ratio Lower Upper
146 100
148 63.6 49.6 74.4
75 35.4 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 41.876 ng

RT: 7.877 min Scan# 81

Delta R.T. -0.018 min

Lab File: BG064420.D

Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

PB169783BS

Tgt Ion:146 Resp: 54969

Ion Ratio Lower Upper

146 100

148 59.5 52.8 79.2

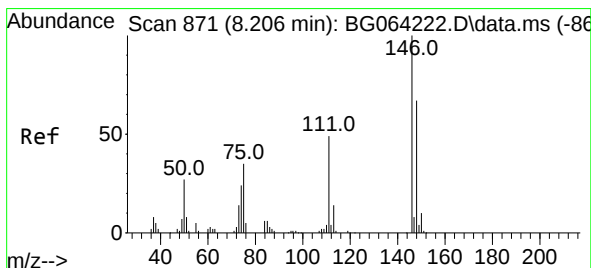
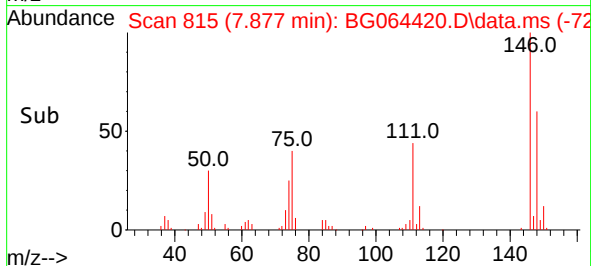
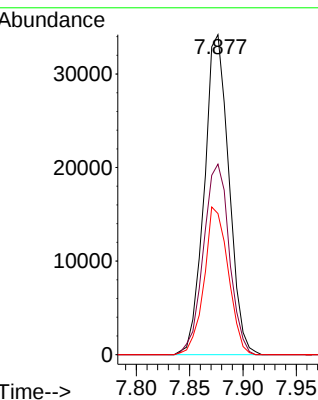
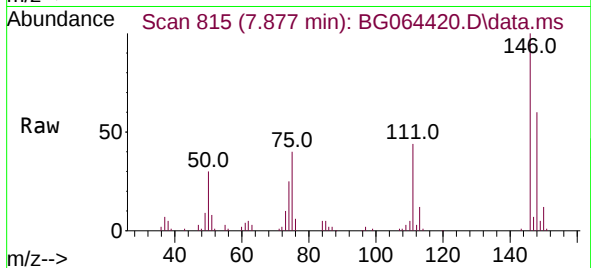
111 44.1 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/23/2025

Supervised By :Jagrut Upadhyay 09/23/2025



#14

1,2-Dichlorobenzene

Concen: 42.430 ng

RT: 8.194 min Scan# 869

Delta R.T. -0.018 min

Lab File: BG064420.D

Acq: 22 Sep 2025 18:18

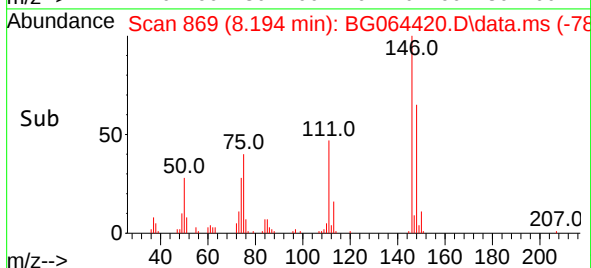
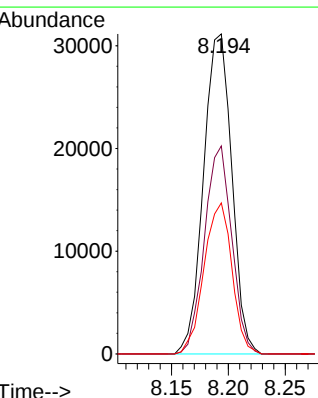
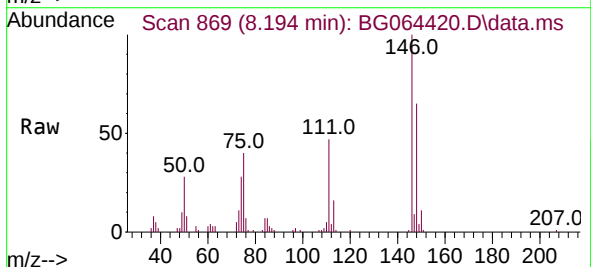
Tgt Ion:146 Resp: 53754

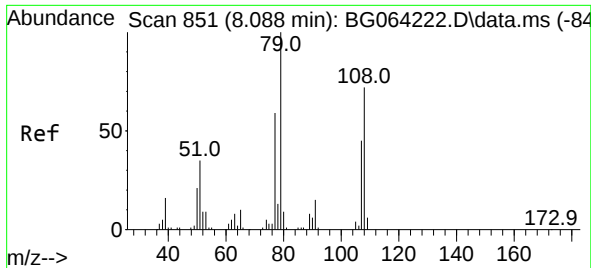
Ion Ratio Lower Upper

146 100

148 65.0 53.4 80.0

111 47.2 39.1 58.7





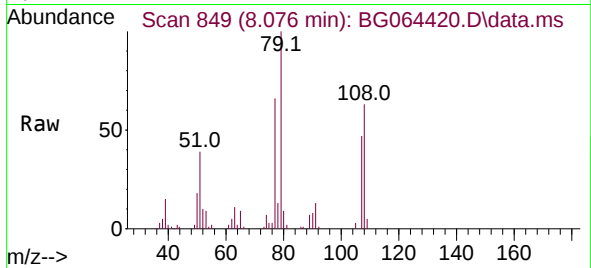
#15
Benzyl Alcohol
Concen: 42.523 ng
RT: 8.076 min Scan# 849
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

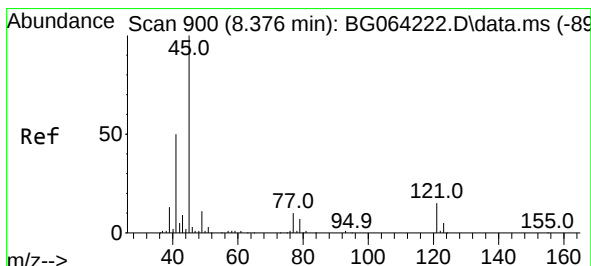
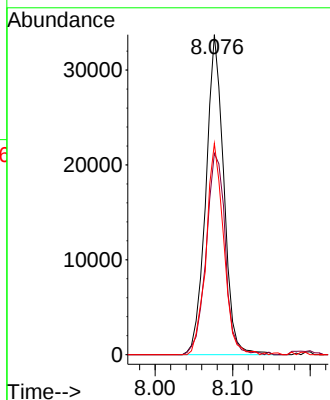
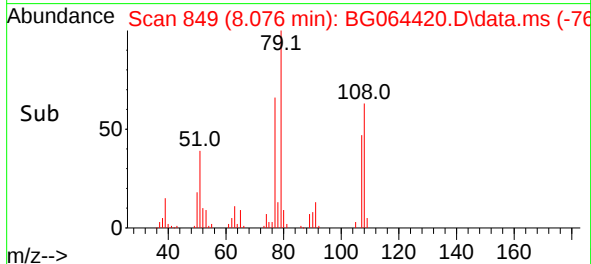
PB169783BS



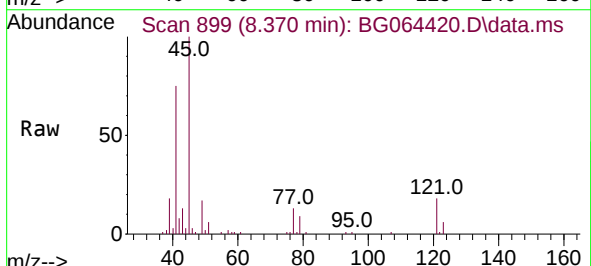
Tgt Ion: 79 Resp: 53938
Ion Ratio Lower Upper
79 100
108 62.9 57.4 86.0
77 66.0 47.2 70.8

Manual Integrations
APPROVED

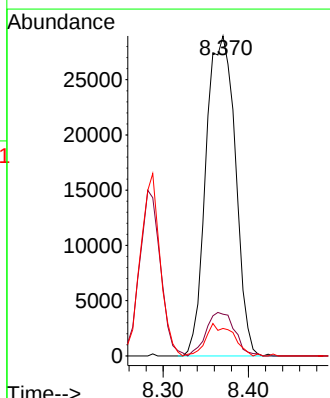
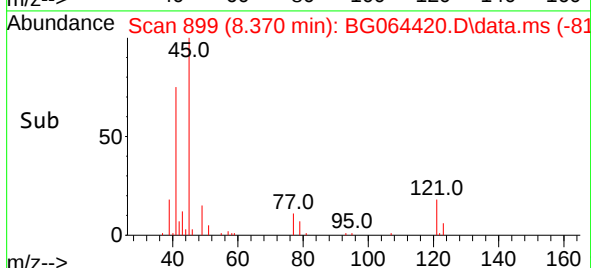
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

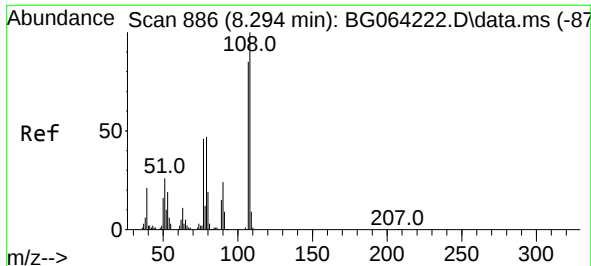


#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.597 ng
RT: 8.370 min Scan# 899
Delta R.T. -0.006 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18



Tgt Ion: 45 Resp: 69151
Ion Ratio Lower Upper
45 100
77 13.0 0.0 30.0
79 8.6 0.0 27.9





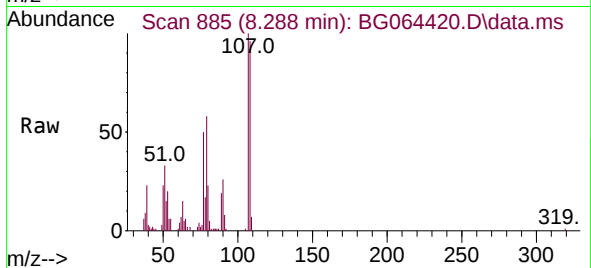
#17
2-Methylphenol
Concen: 39.917 ng
RT: 8.288 min Scan# 885
Delta R.T. -0.012 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

PB169783BS



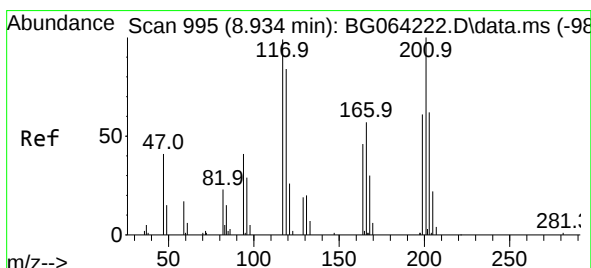
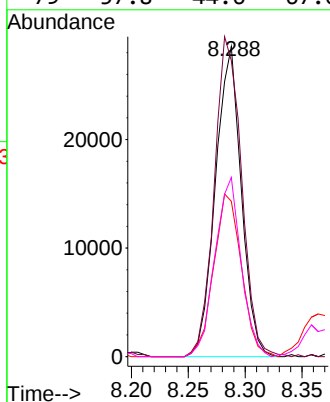
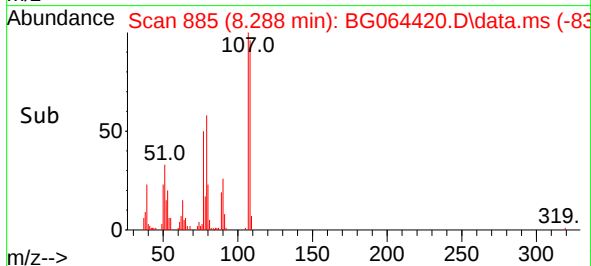
Tgt Ion:107 Resp: 45083
Ion Ratio Lower Upper
107 100
108 95.5 94.6 141.8
77 50.1 43.7 65.5
79 57.8 44.6 67.0

Manual Integrations

APPROVED

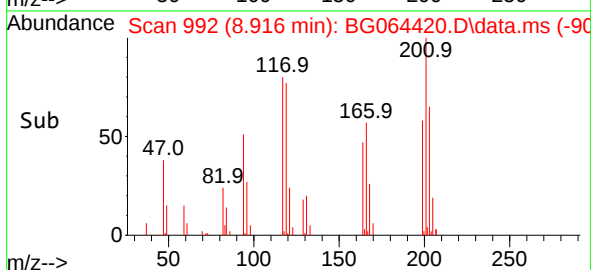
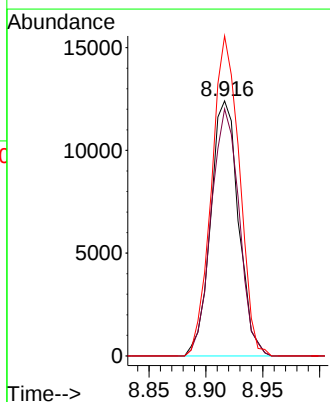
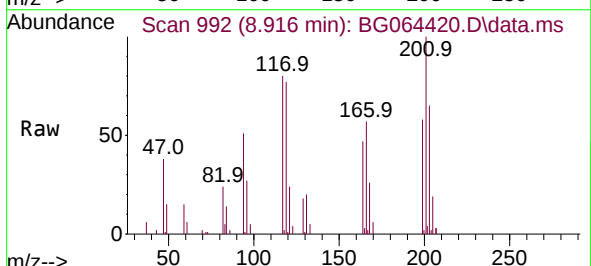
Reviewed By :Rahul Chavli 09/23/2025

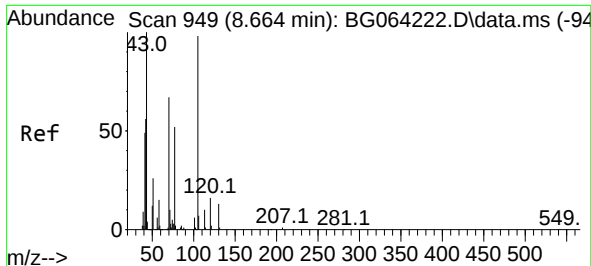
Supervised By :Jagrut Upadhyay 09/23/2025



#18
Hexachloroethane
Concen: 41.212 ng
RT: 8.916 min Scan# 992
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

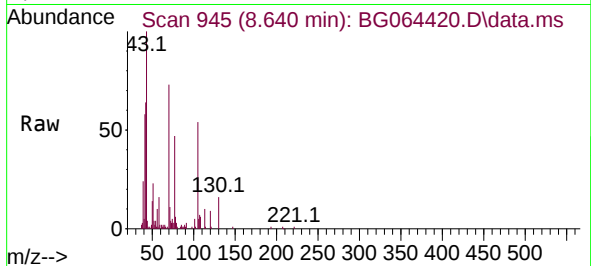
Tgt Ion:117 Resp: 21117
Ion Ratio Lower Upper
117 100
119 94.7 67.9 101.9
201 127.6 80.5 120.7#





#19
n-Nitroso-di-n-propylamine
Concen: 35.967 ng
RT: 8.640 min Scan# 94
Delta R.T. -0.024 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

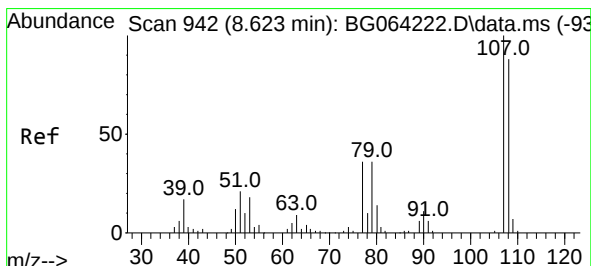
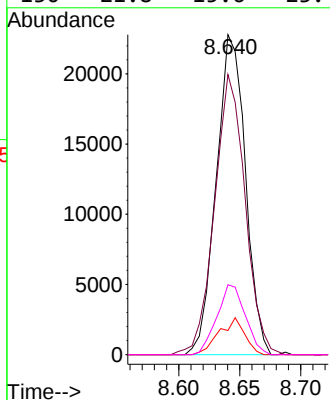
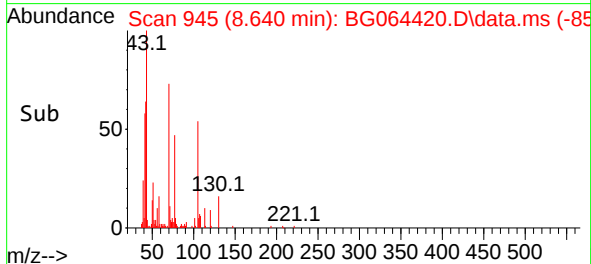
Instrument :
BNA_G
ClientSampleId :
PB169783BS



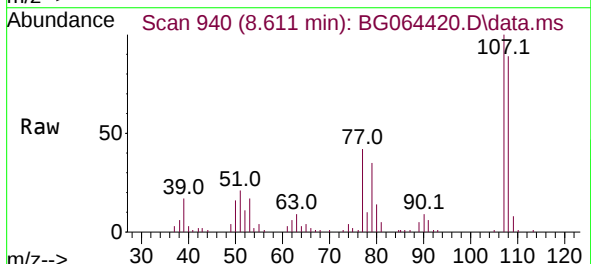
Tgt Ion: 70 Resp: 37836
Ion Ratio Lower Upper
70 100
42 87.5 67.9 101.9
101 7.5 7.3 10.9
130 21.8 15.6 23.4

Manual Integrations
APPROVED

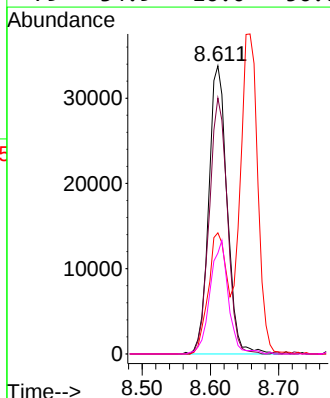
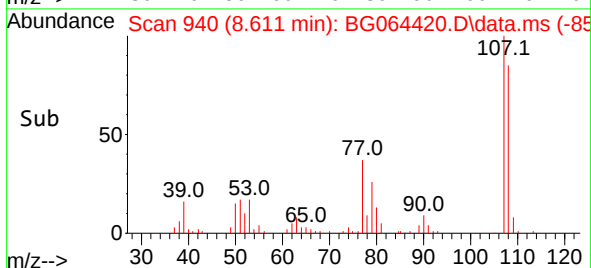
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

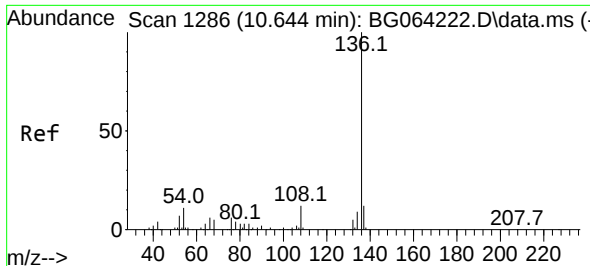


#20
3+4-Methylphenols
Concen: 40.110 ng
RT: 8.611 min Scan# 940
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18



Tgt Ion:107 Resp: 62946
Ion Ratio Lower Upper
107 100
108 88.8 68.1 108.1
77 42.0 15.9 55.9
79 34.9 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.632 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

PB169783BS

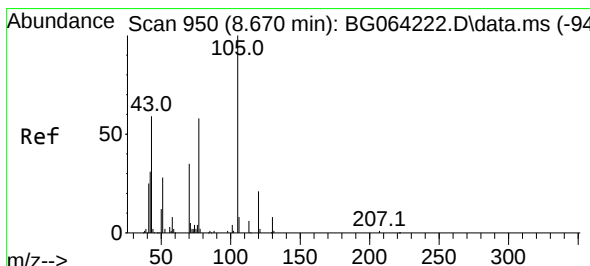
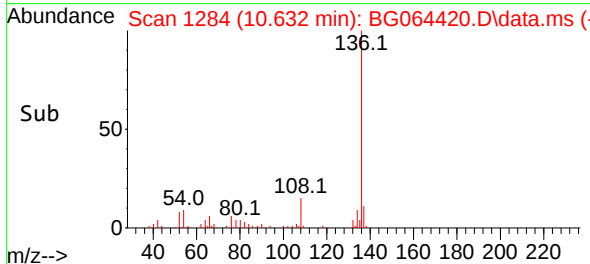
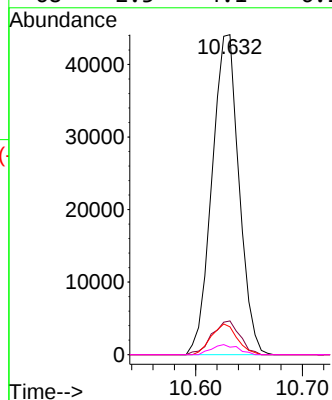
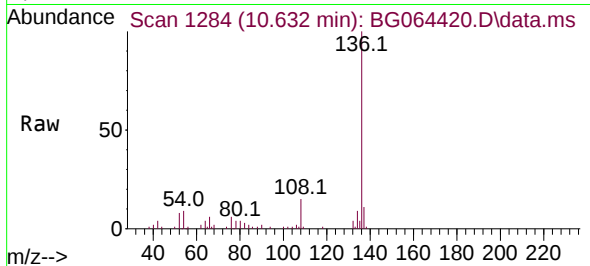
Tgt Ion:136 Resp: 77582
Ion Ratio Lower Upper
136 100
137 10.5 9.6 14.4
54 8.7 8.8 13.2
68 2.3 4.1 6.1#

Manual Integrations

APPROVED

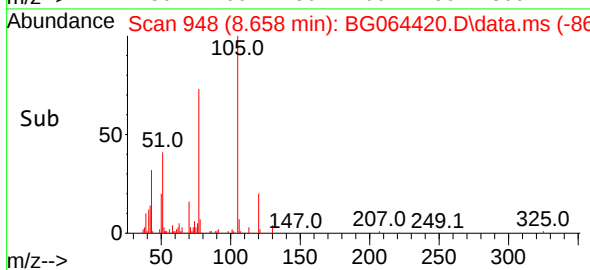
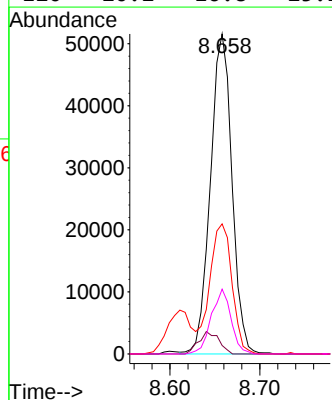
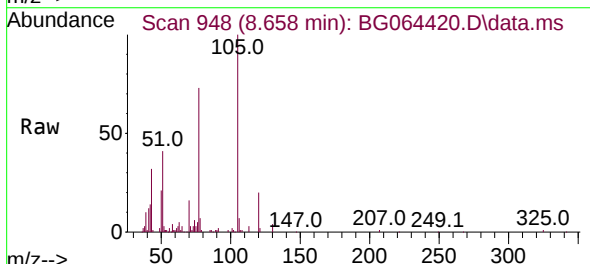
Reviewed By :Rahul Chavli 09/23/2025

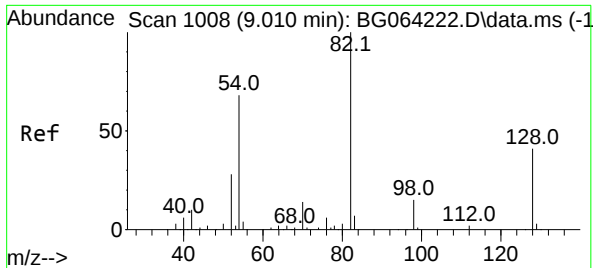
Supervised By :Jagrut Upadhyay 09/23/2025



#22
Acetophenone
Concen: 43.933 ng
RT: 8.658 min Scan# 948
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Tgt Ion:105 Resp: 86230
Ion Ratio Lower Upper
105 100
71 2.6 4.3 6.5#
51 40.6 32.4 48.6
120 20.2 16.8 25.2





#23
Nitrobenzene-d5
Concen: 88.482 ng
RT: 8.999 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

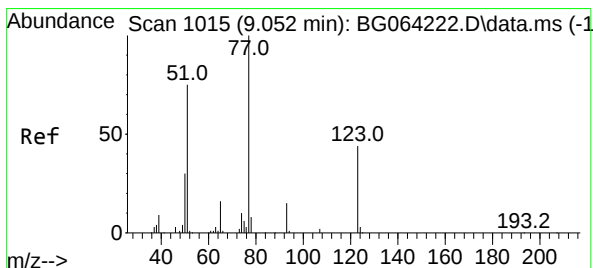
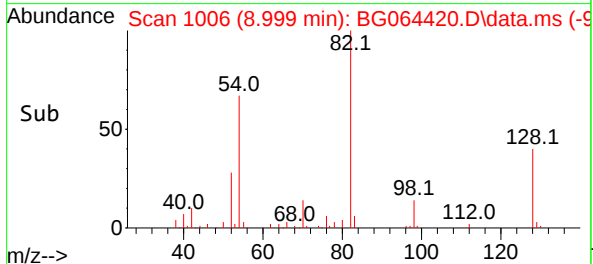
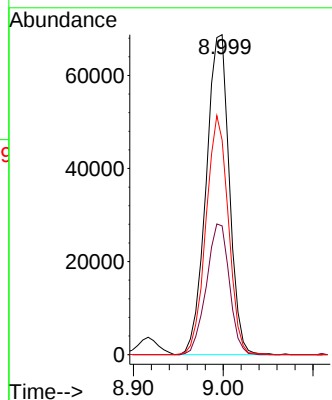
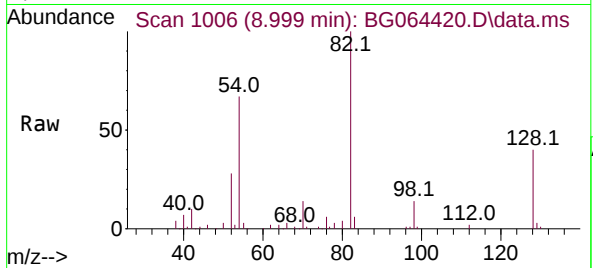
PB169783BS

Tgt Ion: 82 Resp: 12308
Ion Ratio Lower Upper
82 100
128 40.2 32.6 48.8
54 67.0 54.7 82.1

Manual Integrations

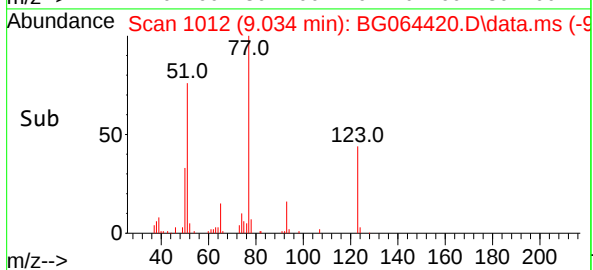
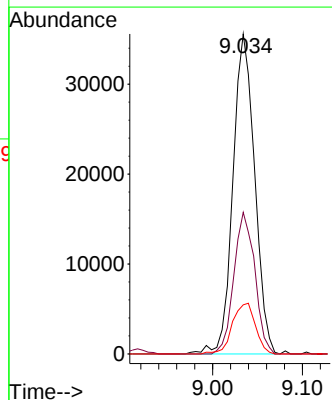
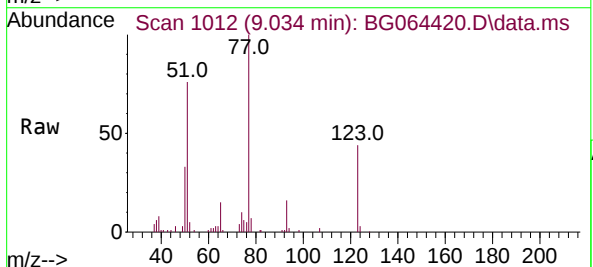
APPROVED

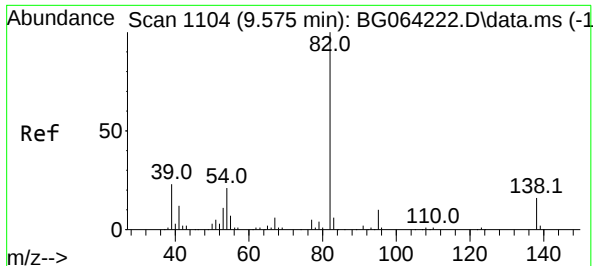
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#24
Nitrobenzene
Concen: 41.361 ng
RT: 9.034 min Scan# 1012
Delta R.T. -0.024 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Tgt Ion: 77 Resp: 60116
Ion Ratio Lower Upper
77 100
123 44.2 35.2 52.8
65 15.3 12.6 19.0





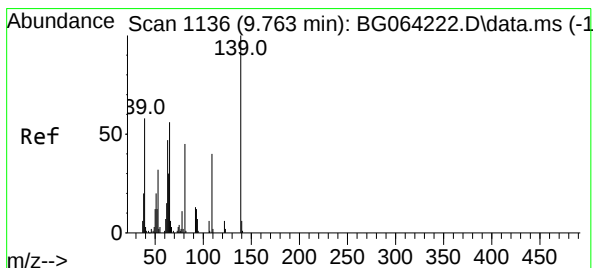
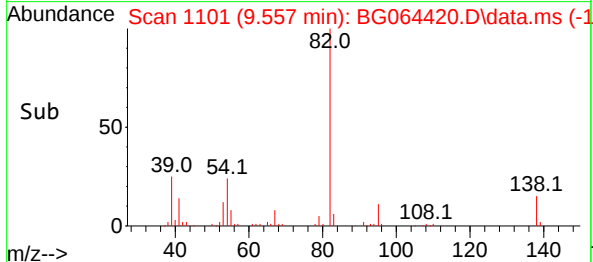
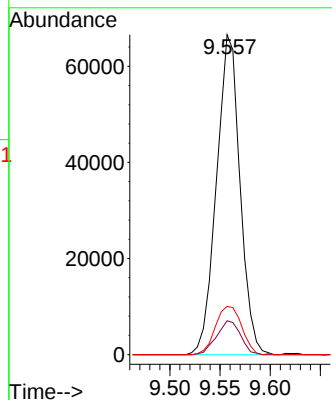
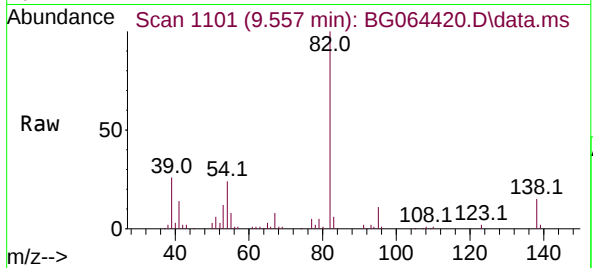
#25
Isophorone
Concen: 37.554 ng
RT: 9.557 min Scan# 1104
Delta R.T. -0.030 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :
BNA_G
ClientSampleId :
PB169783BS

Tgt Ion: 82 Resp: 108573
Ion Ratio Lower Upper
82 100
95 10.6 7.9 11.9
138 15.1 13.0 19.4

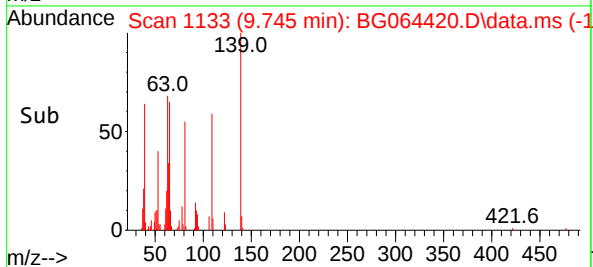
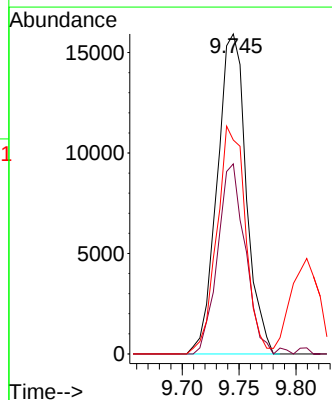
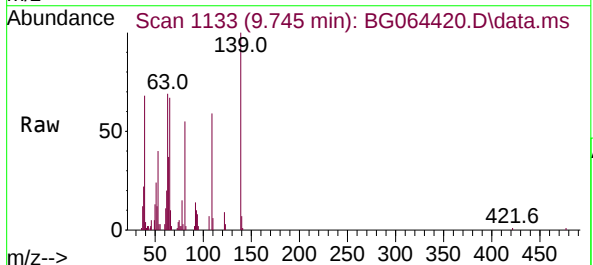
Manual Integrations
APPROVED

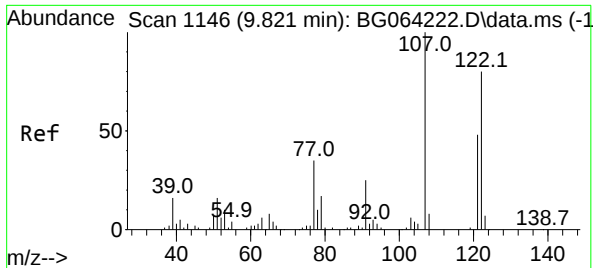
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#26
2-Nitrophenol
Concen: 45.022 ng
RT: 9.745 min Scan# 1133
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Tgt Ion:139 Resp: 28275
Ion Ratio Lower Upper
139 100
109 59.4 32.4 48.6#
65 66.9 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 47.459 ng
RT: 9.810 min Scan# 1146
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

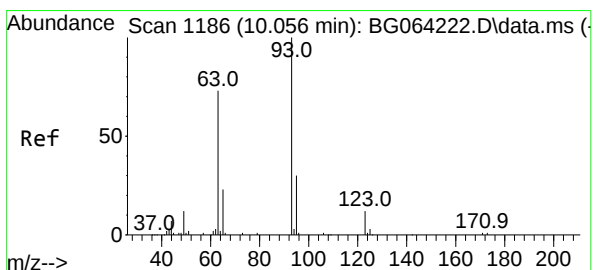
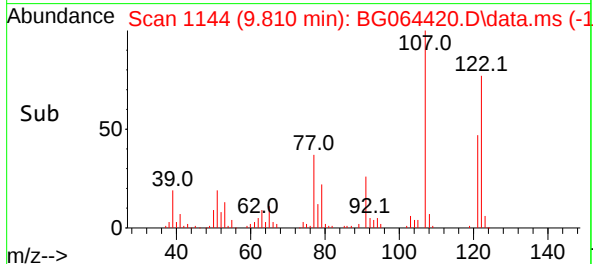
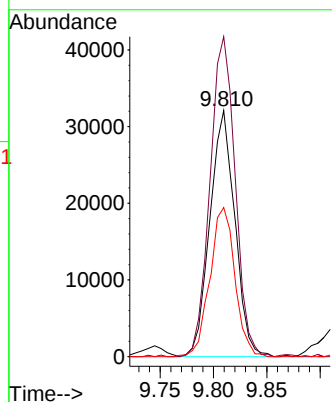
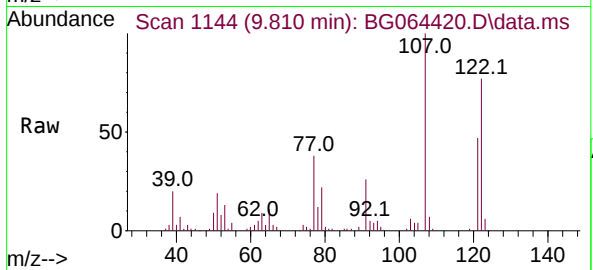
PB169783BS

Tgt Ion:122 Resp: 52329
Ion Ratio Lower Upper
122 100
107 130.1 99.9 149.9
121 60.6 48.6 72.8

Manual Integrations

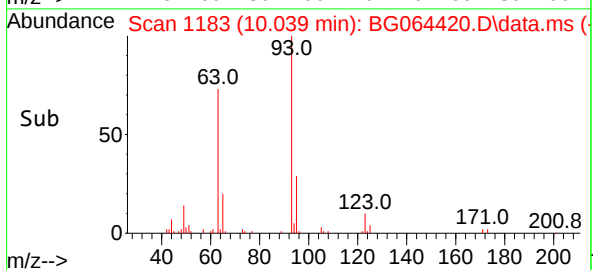
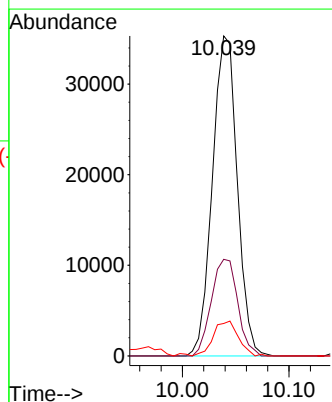
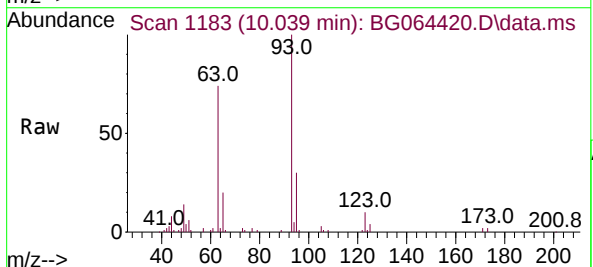
APPROVED

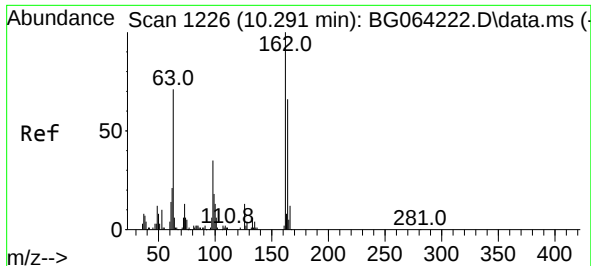
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#28
bis(2-Chloroethoxy)methane
Concen: 36.758 ng
RT: 10.039 min Scan# 1183
Delta R.T. -0.024 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Tgt Ion: 93 Resp: 57304
Ion Ratio Lower Upper
93 100
95 30.2 23.9 35.9
123 10.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 48.731 ng

RT: 10.280 min Scan# 1224

Delta R.T. -0.018 min

Lab File: BG064420.D

Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

PB169783BS

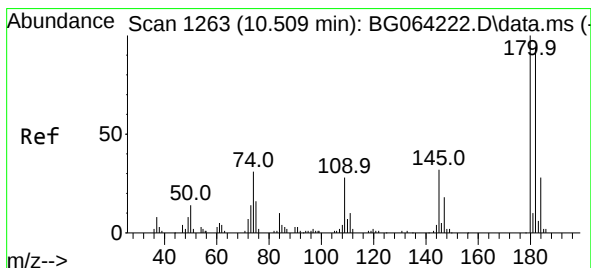
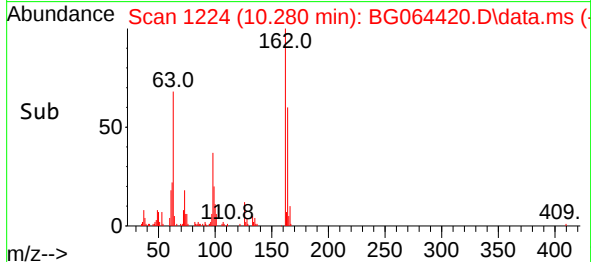
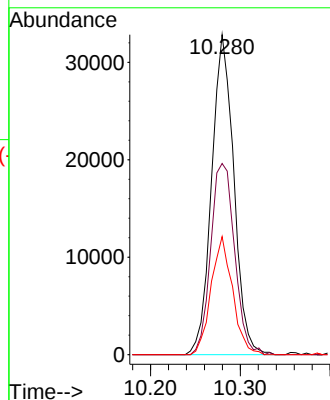
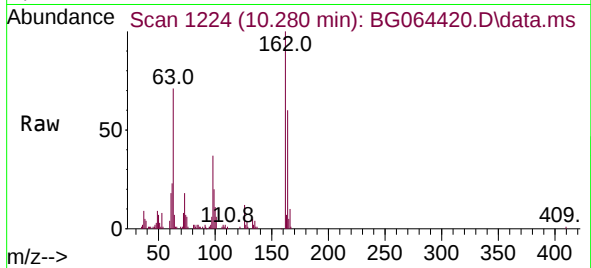
Tgt Ion:162	Resp:	56693
Ion Ratio	Lower	Upper
162	100	
164	59.7	45.8 85.8
98	36.9	15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/23/2025

Supervised By :Jagrut Upadhyay 09/23/2025



#30

1,2,4-Trichlorobenzene

Concen: 46.235 ng

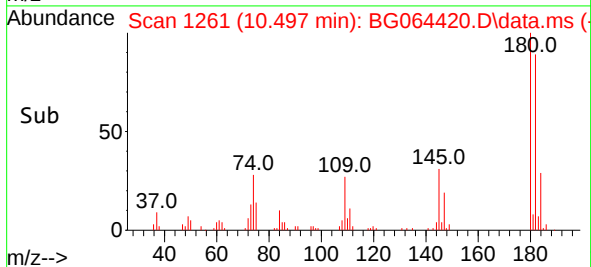
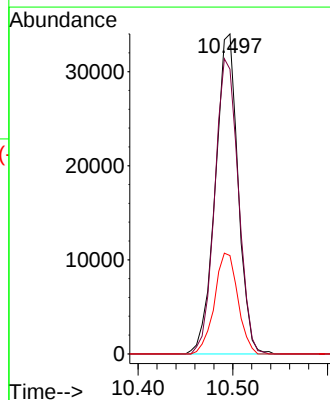
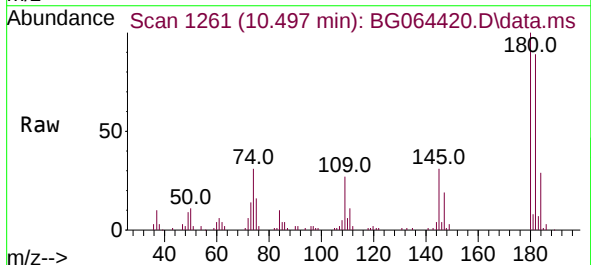
RT: 10.497 min Scan# 1261

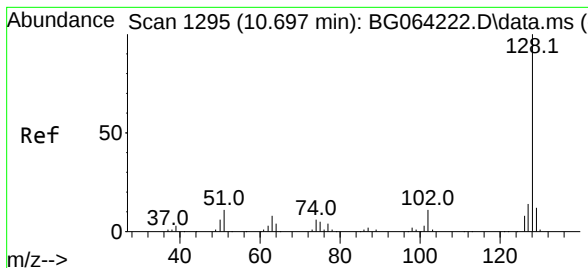
Delta R.T. -0.012 min

Lab File: BG064420.D

Acq: 22 Sep 2025 18:18

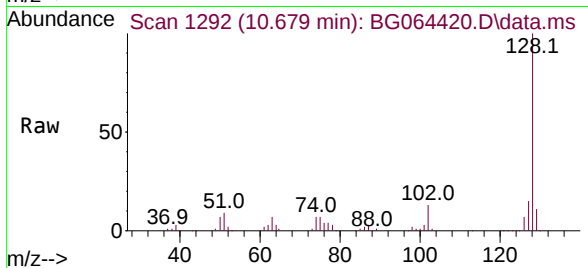
Tgt Ion:180	Resp:	56715
Ion Ratio	Lower	Upper
180	100	
182	89.0	75.0 112.6
145	30.8	25.4 38.0





#31
Naphthalene
Concen: 40.911 ng
RT: 10.679 min Scan# 1170
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

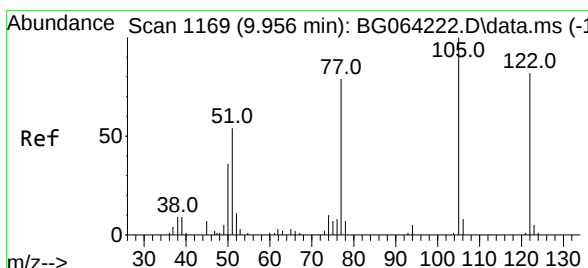
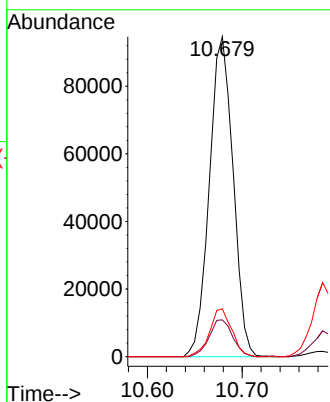
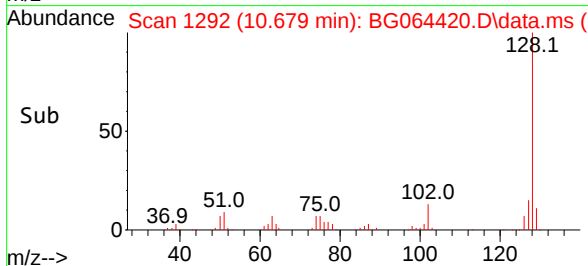
Instrument :
BNA_G
ClientSampleId :
PB169783BS



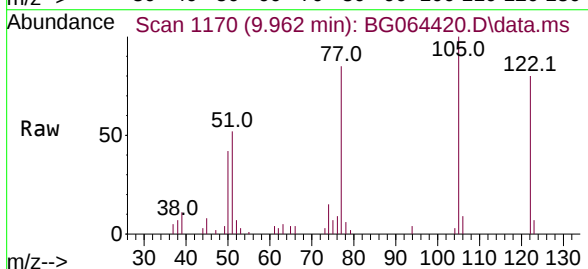
Tgt Ion:128 Resp: 16458
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 14.9 10.9 16.3

Manual Integrations
APPROVED

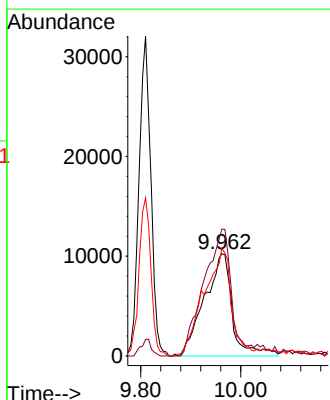
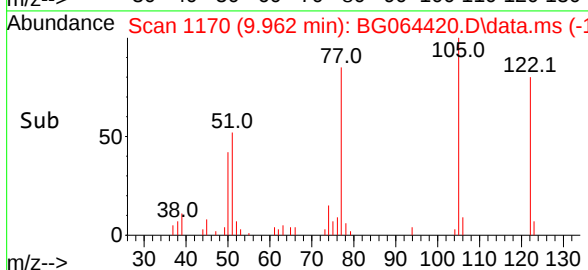
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

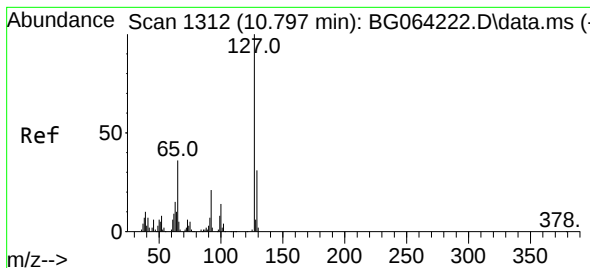


#32
Benzoic acid
Concen: 45.136 ng m
RT: 9.962 min Scan# 1170
Delta R.T. -0.053 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18



Tgt Ion:122 Resp: 39505
Ion Ratio Lower Upper
122 100
105 124.3 98.5 138.5
77 105.2 74.6 114.6





#33
4-Chloroaniline
Concen: 26.127 ng
RT: 10.785 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

PB169783BS

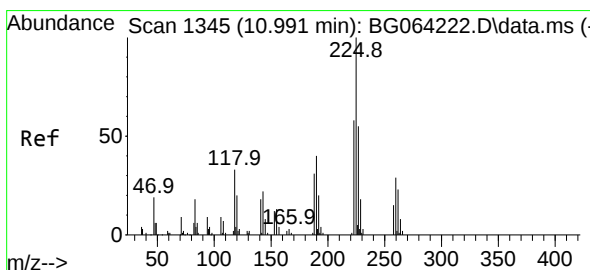
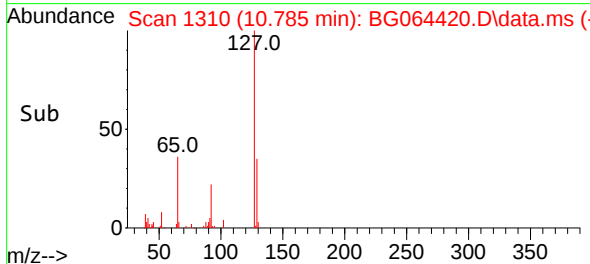
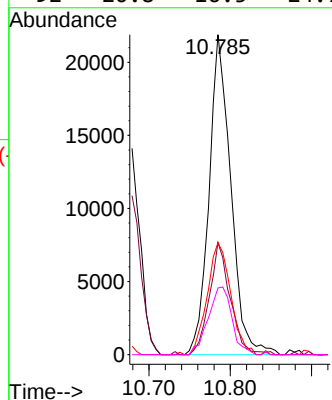
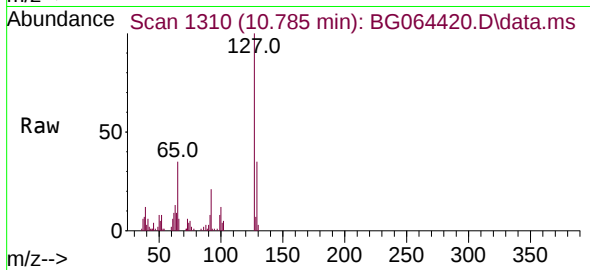
Tgt Ion:127 Resp: 40738
Ion Ratio Lower Upper
127 100
129 35.0 25.0 37.4
65 35.0 28.7 43.1
92 20.8 16.5 24.7

Manual Integrations

APPROVED

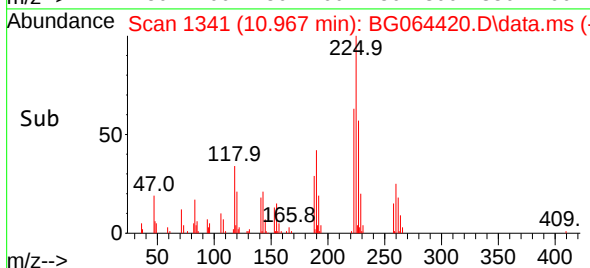
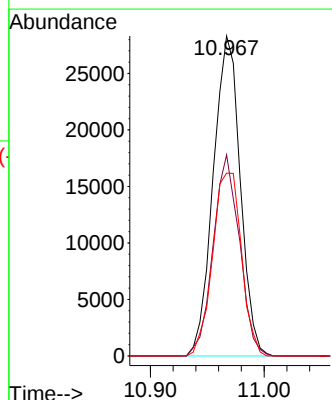
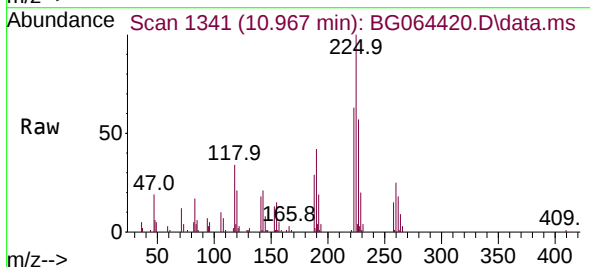
Reviewed By :Rahul Chavli 09/23/2025

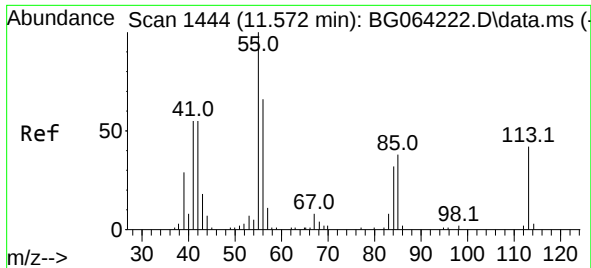
Supervised By :Jagrut Upadhyay 09/23/2025



#34
Hexachlorobutadiene
Concen: 51.449 ng
RT: 10.967 min Scan# 1341
Delta R.T. -0.024 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

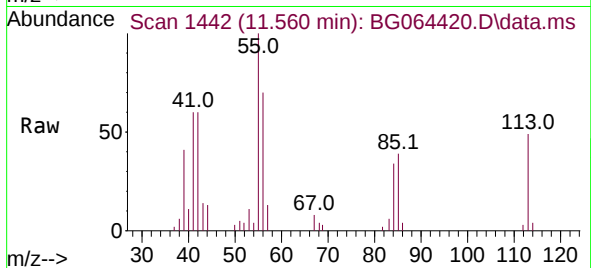
Tgt Ion:225 Resp: 46651
Ion Ratio Lower Upper
225 100
223 62.8 46.5 69.7
227 57.1 44.1 66.1





#35
Caprolactam
Concen: 42.069 ng m
RT: 11.560 min Scan# 14
Delta R.T. -0.041 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

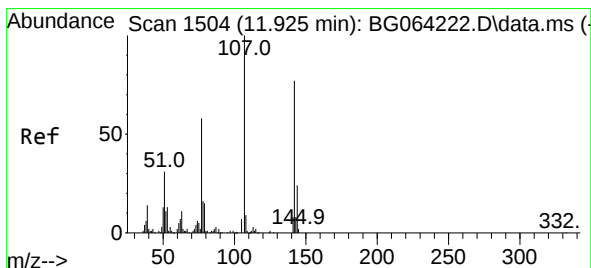
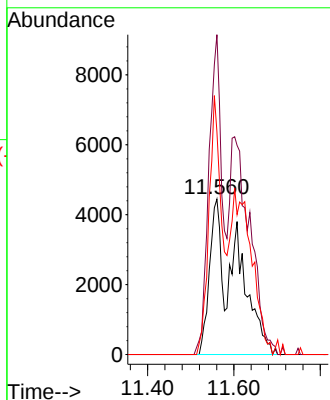
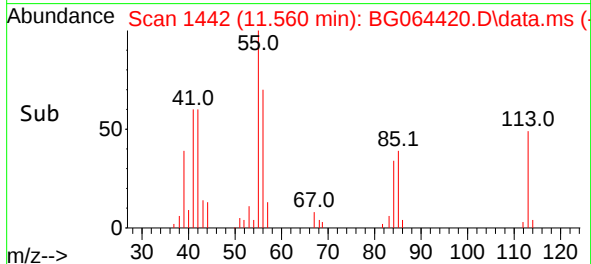
Instrument :
BNA_G
ClientSampleId :
PB169783BS



Tgt Ion:113 Resp: 1895
Ion Ratio Lower Upper
113 100
55 205.8 218.5 258.5
56 143.3 138.5 178.5

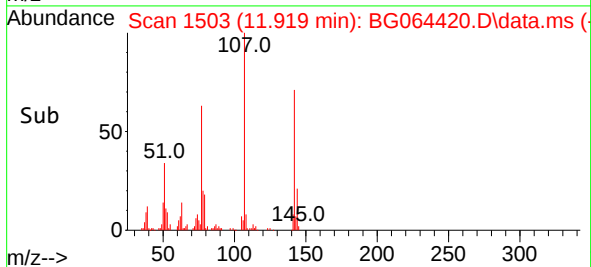
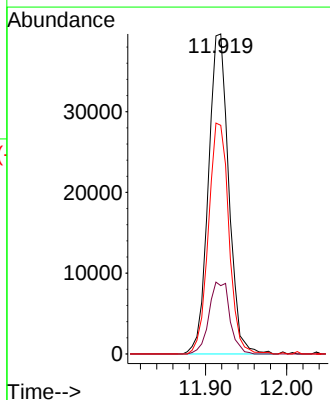
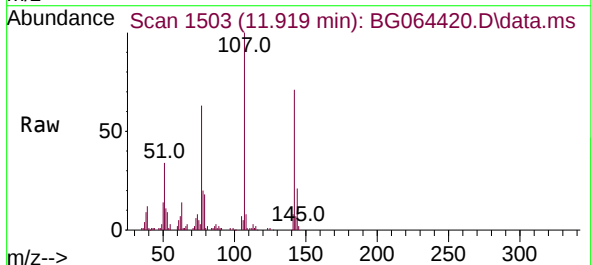
Manual Integrations
APPROVED

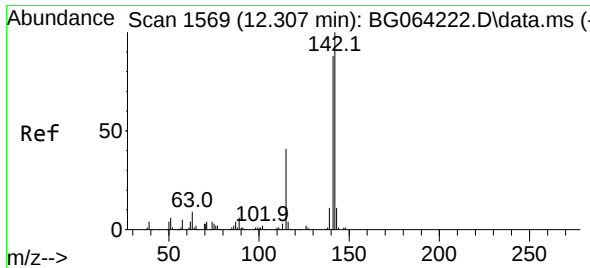
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#36
4-Chloro-3-methylphenol
Concen: 45.680 ng
RT: 11.919 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Tgt Ion:107 Resp: 68952
Ion Ratio Lower Upper
107 100
144 21.3 19.5 29.3
142 71.4 62.0 93.0





#37
2-Methylnaphthalene
Concen: 37.482 ng
RT: 12.289 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

PB169783BS

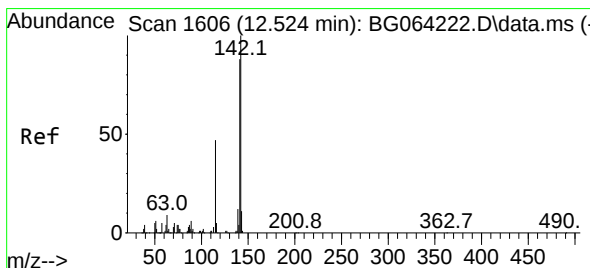
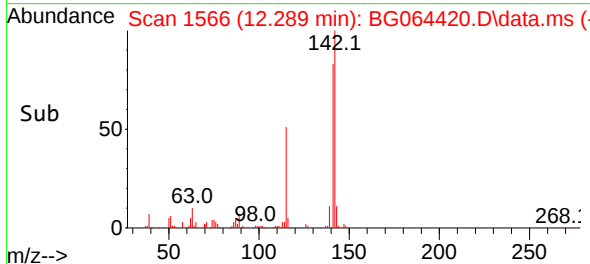
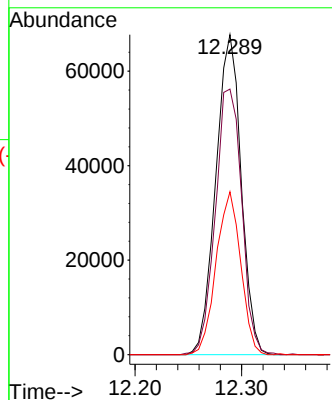
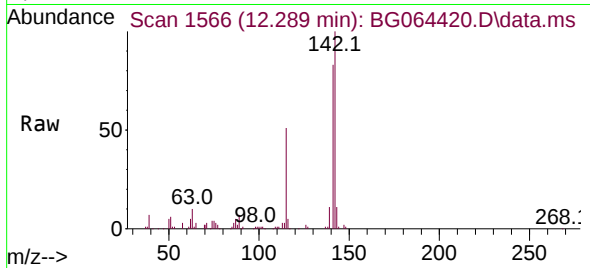
Tgt Ion:142 Resp: 112085
Ion Ratio Lower Upper
142 100
141 83.0 70.1 105.1
115 50.9 33.1 49.7

Manual Integrations

APPROVED

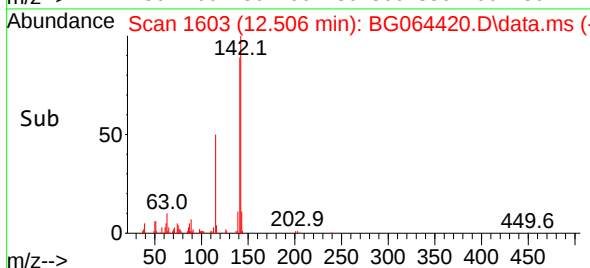
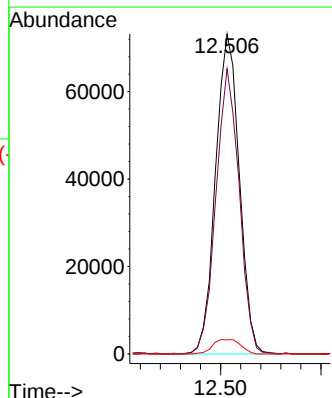
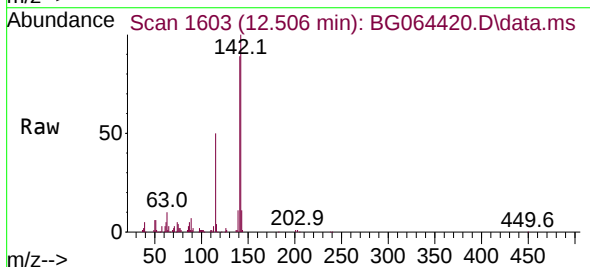
Reviewed By :Rahul Chavli 09/23/2025

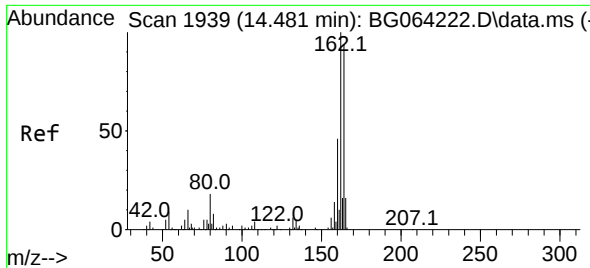
Supervised By :Jagrut Upadhyay 09/23/2025



#38
1-Methylnaphthalene
Concen: 40.788 ng
RT: 12.506 min Scan# 1603
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

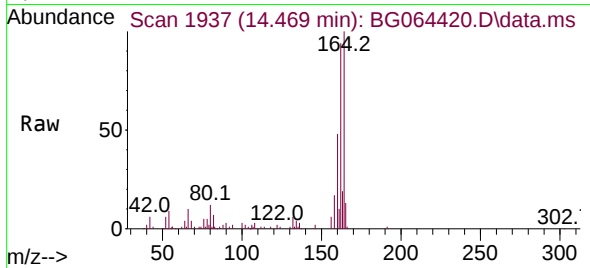
Tgt Ion:142 Resp: 120474
Ion Ratio Lower Upper
142 100
141 89.1 70.3 105.5
116 4.4 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

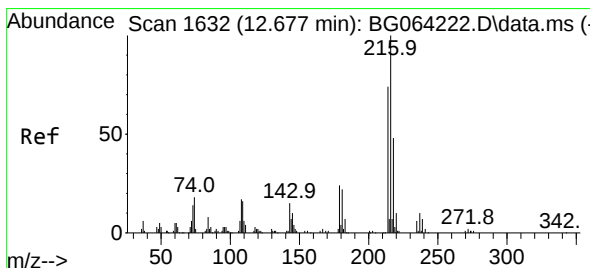
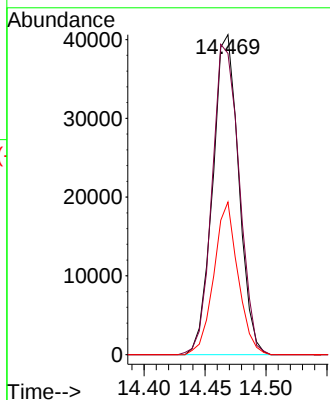
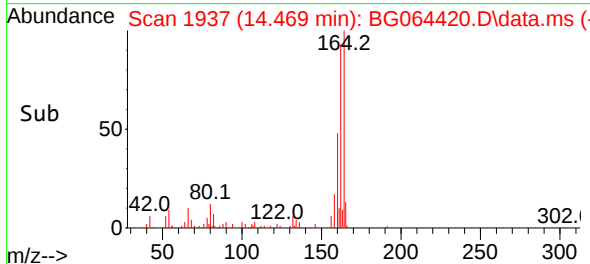
Instrument :
BNA_G
ClientSampleId :
PB169783BS



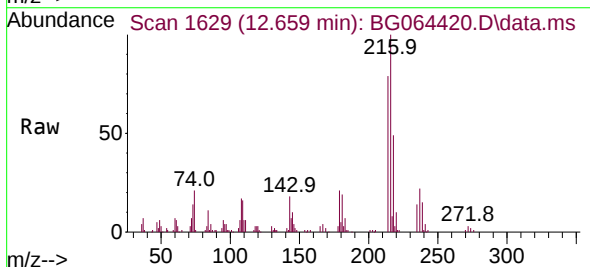
Tgt Ion:164 Resp: 60373
Ion Ratio Lower Upper
164 100
162 94.1 85.4 128.0
160 47.7 39.2 58.8

Manual Integrations
APPROVED

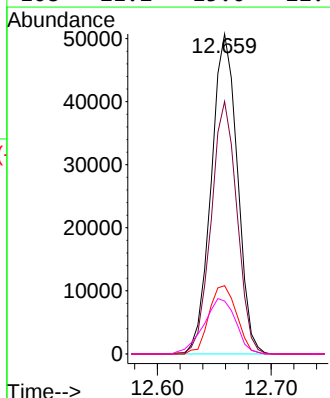
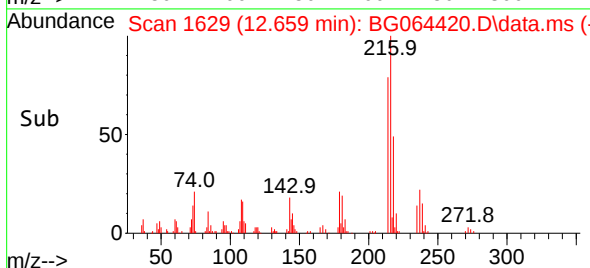
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

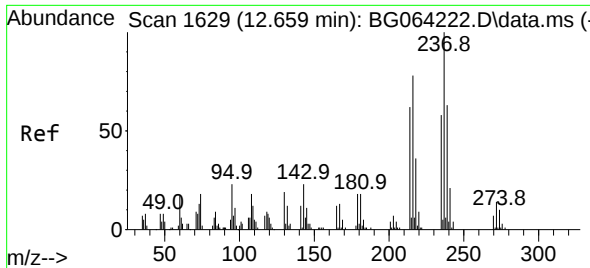


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.500 ng
RT: 12.659 min Scan# 1629
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18



Tgt Ion:216 Resp: 81001
Ion Ratio Lower Upper
216 100
214 77.7 61.9 92.9
179 22.6 17.9 26.9
108 21.2 15.0 22.4





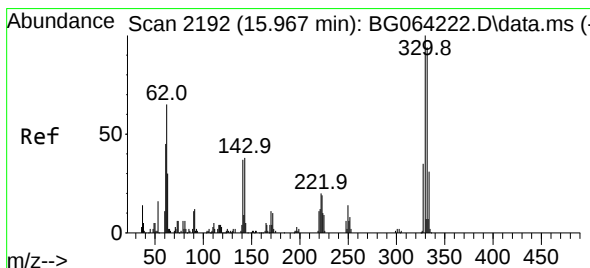
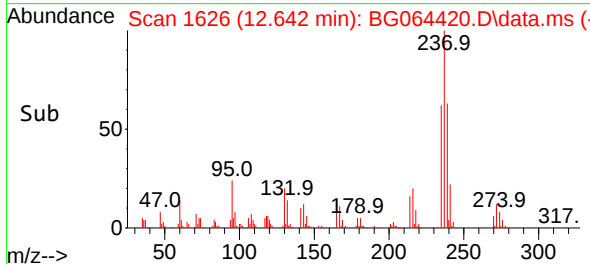
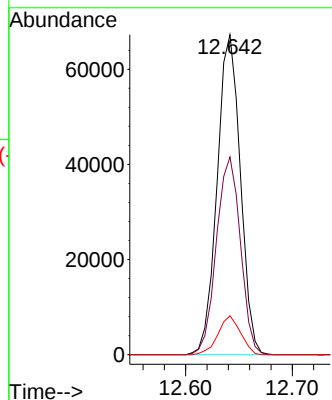
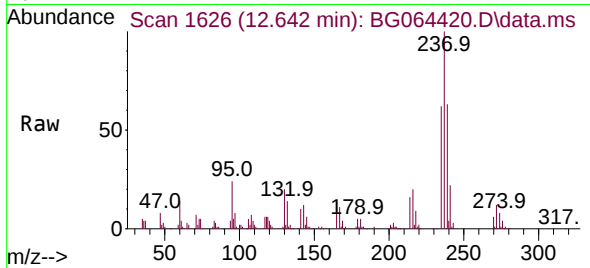
#41
Hexachlorocyclopentadiene
Concen: 123.220 ng
RT: 12.642 min Scan# 1626
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :
BNA_G
ClientSampleId :
PB169783BS

Tgt Ion:237 Resp: 102013
Ion Ratio Lower Upper
237 100
235 61.8 37.9 77.9
272 12.2 0.0 33.8

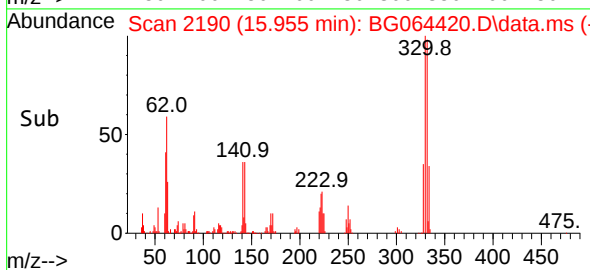
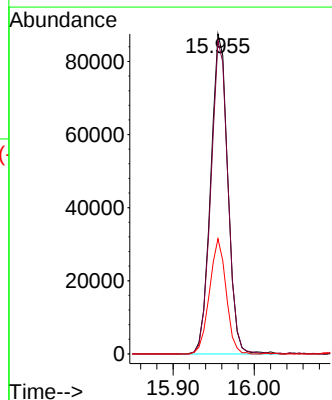
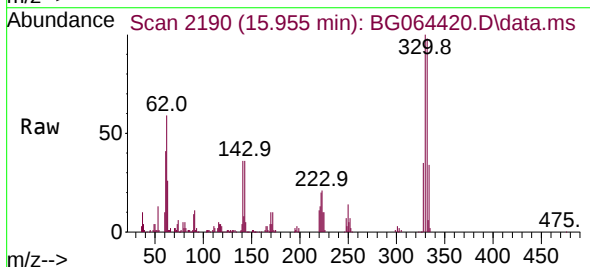
Manual Integrations
APPROVED

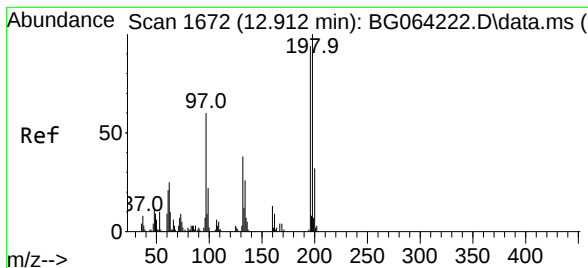
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#42
2,4,6-Tribromophenol
Concen: 160.279 ng
RT: 15.955 min Scan# 2190
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

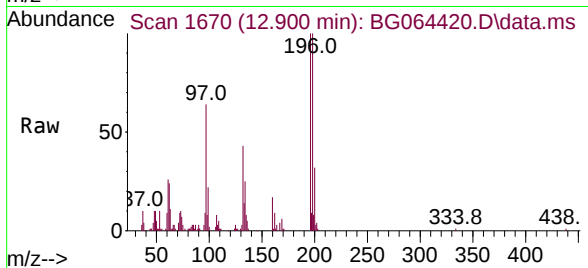
Tgt Ion:330 Resp: 128170
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 34.8 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 44.607 ng
RT: 12.900 min Scan# 1670
Delta R.T. -0.012 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

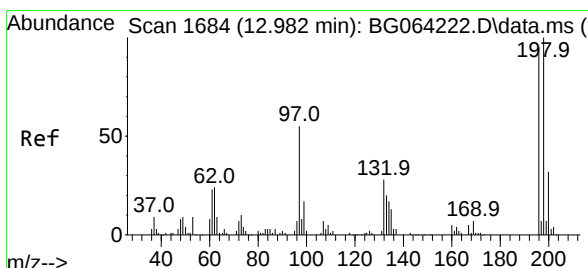
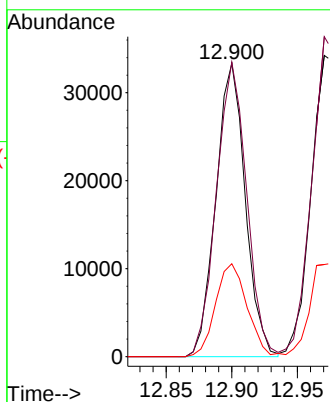
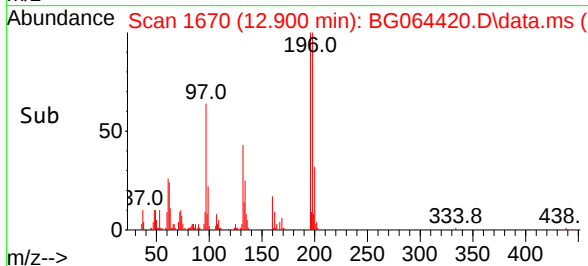
Instrument :
BNA_G
ClientSampleId :
PB169783BS



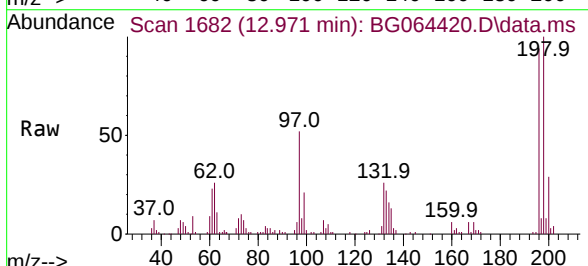
Tgt Ion:196 Resp: 51936
Ion Ratio Lower Upper
196 100
198 100.4 85.4 128.2
200 31.7 27.3 40.9

Manual Integrations
APPROVED

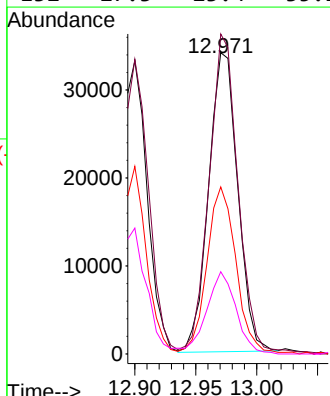
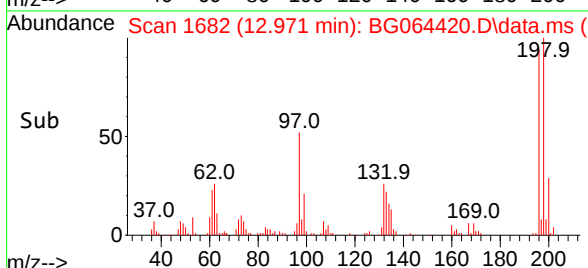
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

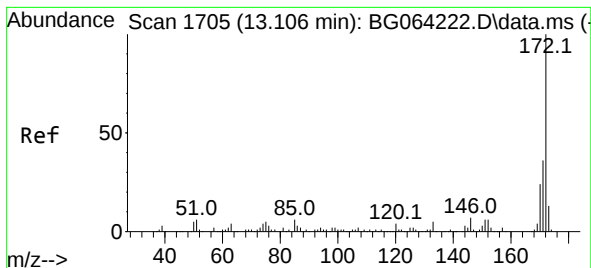


#44
2,4,5-Trichlorophenol
Concen: 44.783 ng
RT: 12.971 min Scan# 1682
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18



Tgt Ion:196 Resp: 56560
Ion Ratio Lower Upper
196 100
198 106.2 84.5 126.7
97 55.5 46.8 70.2
132 27.3 23.4 35.2





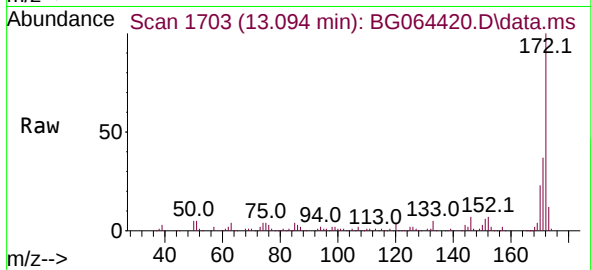
#45
2-Fluorobiphenyl
Concen: 84.600 ng
RT: 13.094 min Scan# 1703
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

PB169783BS

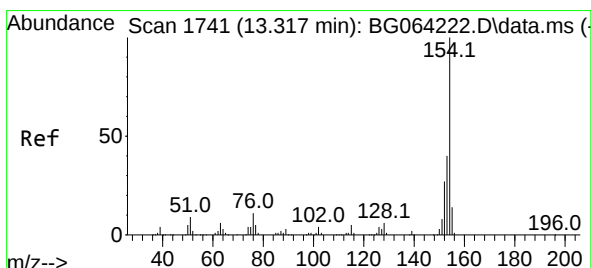
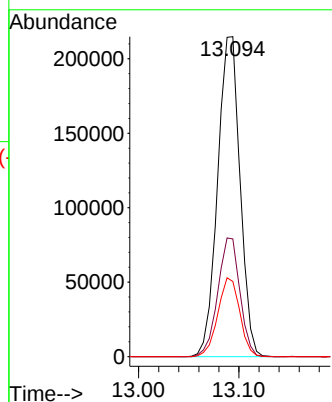
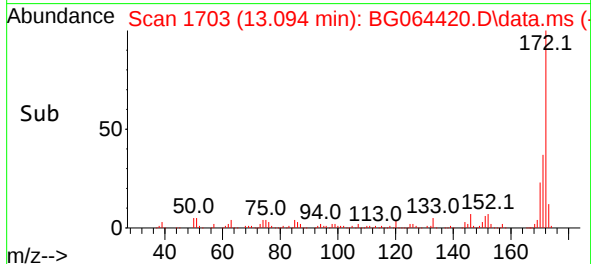


Tgt Ion:172 Resp: 334624
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 23.5 19.0 28.6

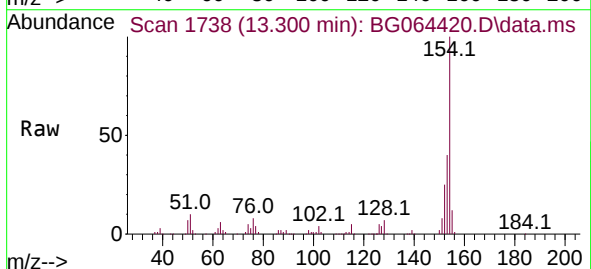
Manual Integrations

APPROVED

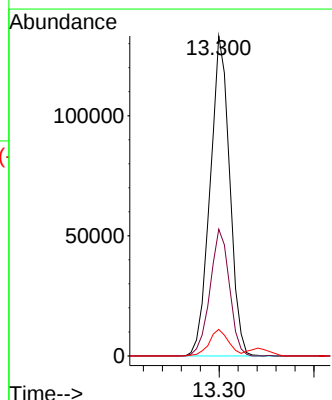
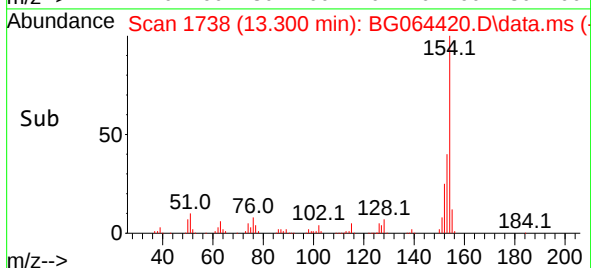
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

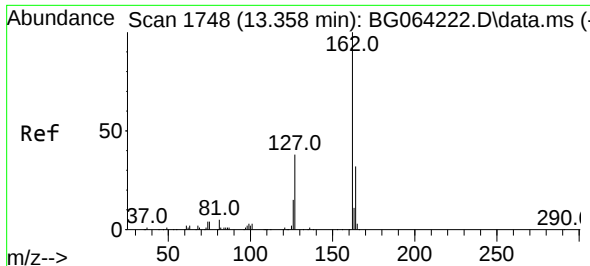


#46
1,1'-Biphenyl
Concen: 43.397 ng
RT: 13.300 min Scan# 1738
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18



Tgt Ion:154 Resp: 190828
Ion Ratio Lower Upper
154 100
153 39.6 19.9 59.9
76 8.3 0.0 30.9





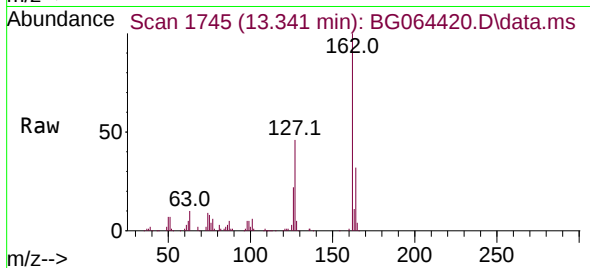
#47
2-Chloronaphthalene
Concen: 39.714 ng
RT: 13.341 min Scan# 1745
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

PB169783BS



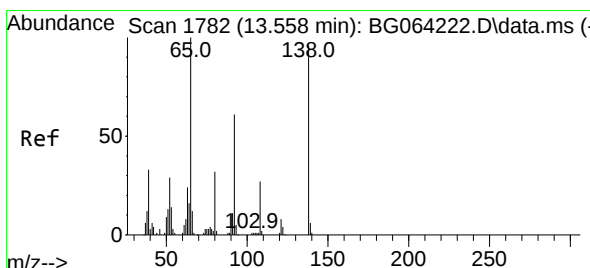
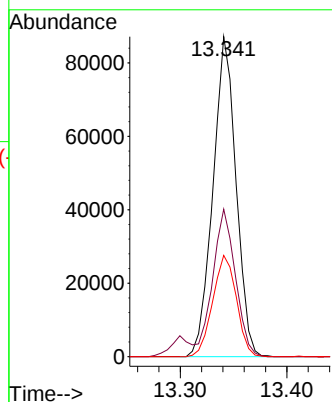
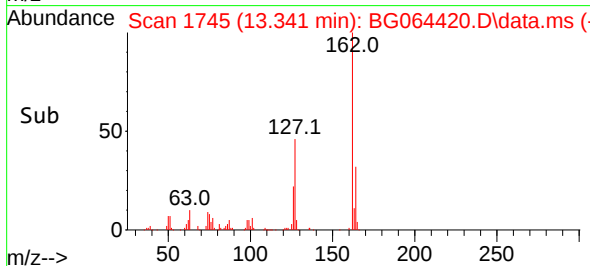
Tgt Ion:162 Resp: 131287
Ion Ratio Lower Upper
162 100
127 46.1 33.9 50.9
164 31.6 25.4 38.2

Manual Integrations

APPROVED

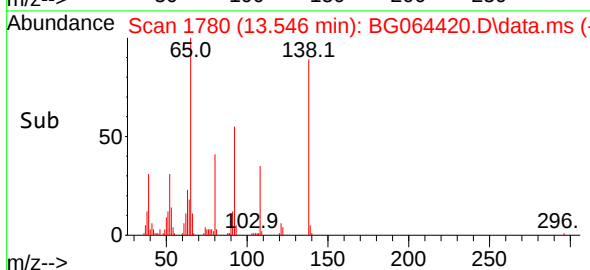
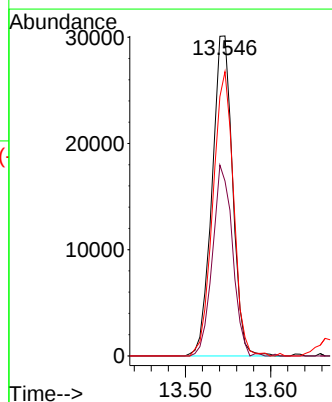
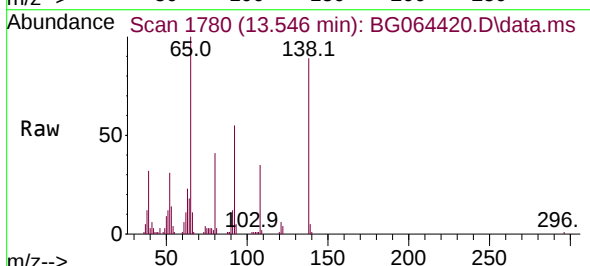
Reviewed By :Rahul Chavli 09/23/2025

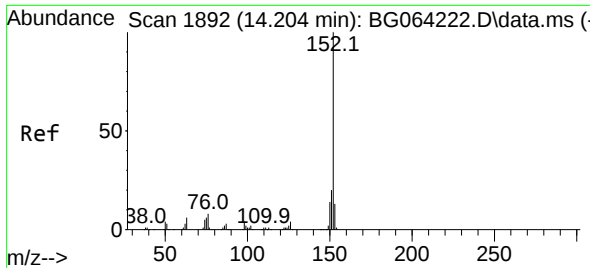
Supervised By :Jagrut Upadhyay 09/23/2025



#48
2-Nitroaniline
Concen: 44.731 ng
RT: 13.546 min Scan# 1780
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

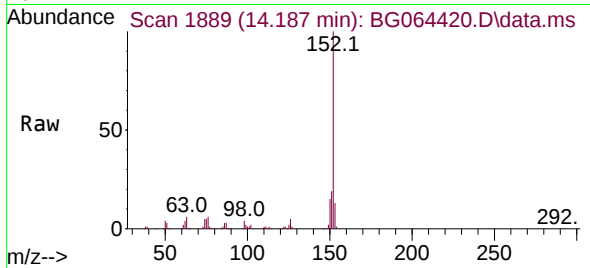
Tgt Ion: 65 Resp: 50400
Ion Ratio Lower Upper
65 100
92 54.6 49.2 73.8
138 88.8 76.8 115.2





#49
Acenaphthylene
Concen: 45.965 ng
RT: 14.187 min Scan# 1889
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

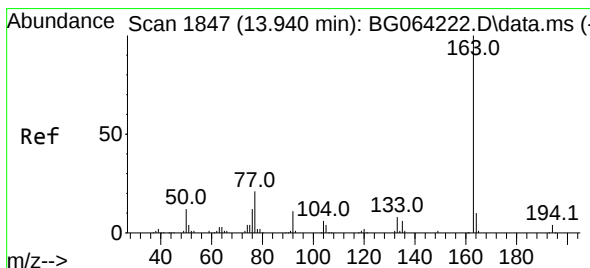
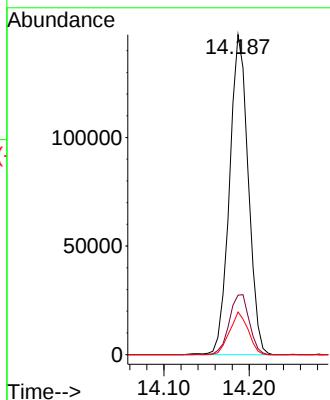
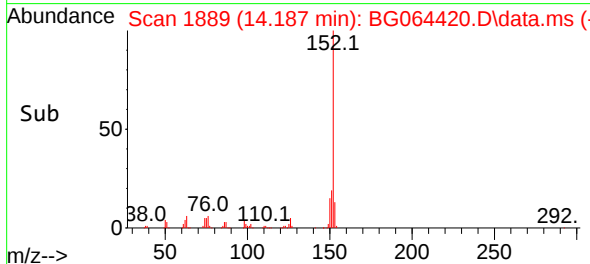
Instrument :
BNA_G
ClientSampleId :
PB169783BS



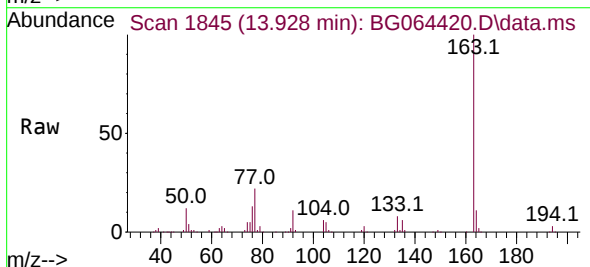
Tgt Ion:152 Resp: 224621
Ion Ratio Lower Upper
152 100
151 18.6 16.2 24.2
153 13.3 10.1 15.1

Manual Integrations
APPROVED

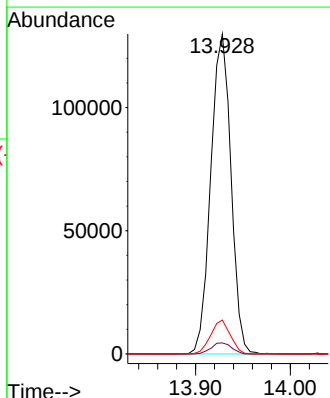
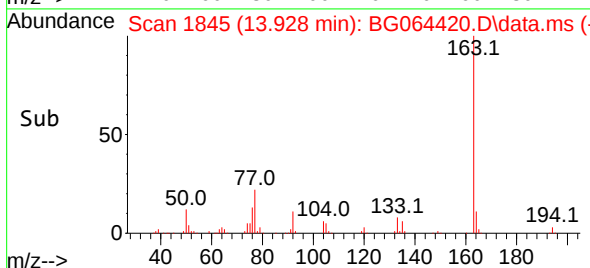
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

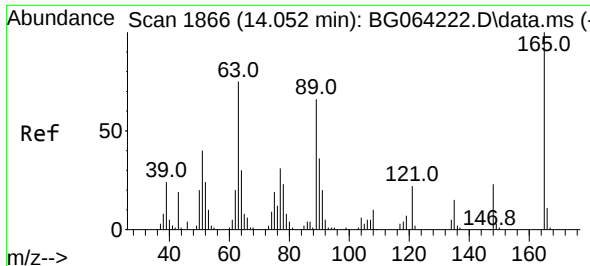


#50
Dimethylphthalate
Concen: 41.980 ng
RT: 13.928 min Scan# 1845
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18



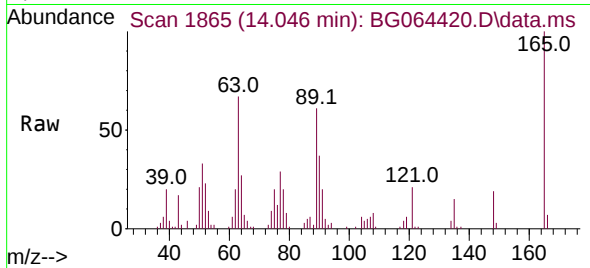
Tgt Ion:163 Resp: 191837
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.6 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 48.714 ng
RT: 14.046 min Scan# 1866
Delta R.T. -0.012 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

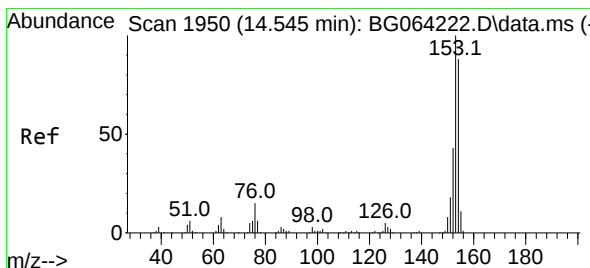
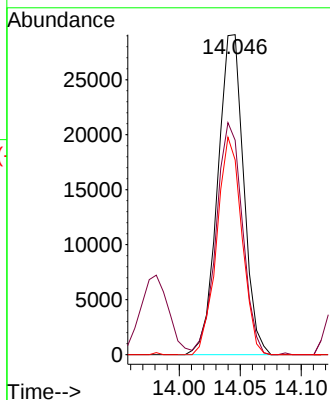
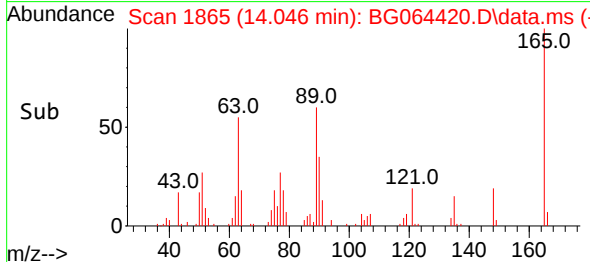
Instrument :
BNA_G
ClientSampleId :
PB169783BS



Tgt Ion:165 Resp: 43096
Ion Ratio Lower Upper
165 100
63 67.0 60.3 90.5
89 60.8 52.9 79.3

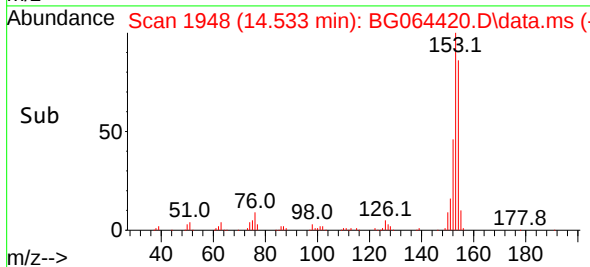
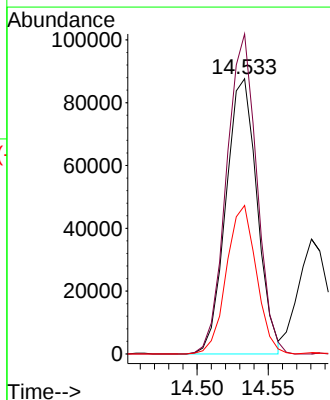
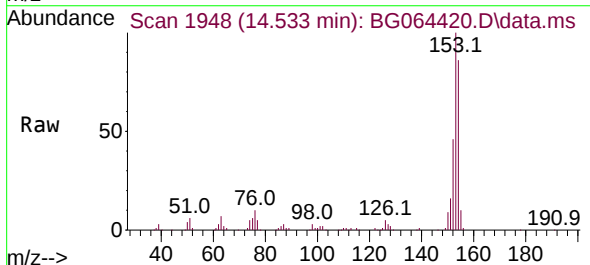
Manual Integrations
APPROVED

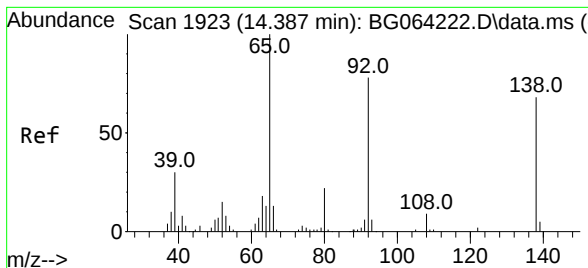
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#52
Acenaphthene
Concen: 38.709 ng
RT: 14.533 min Scan# 1948
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Tgt Ion:154 Resp: 133492
Ion Ratio Lower Upper
154 100
153 116.3 91.1 136.7
152 53.9 39.6 59.4





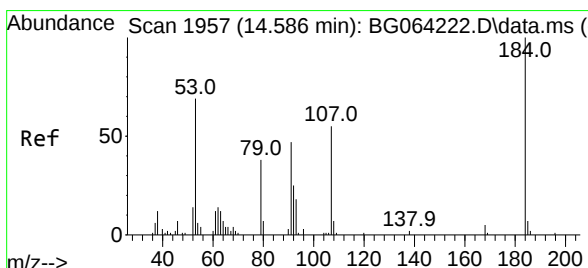
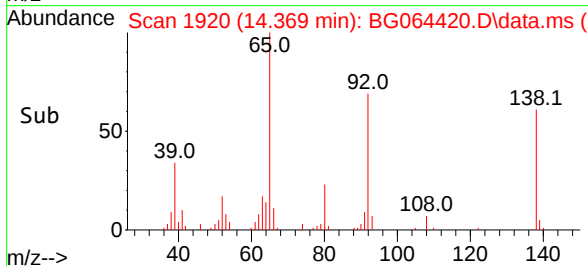
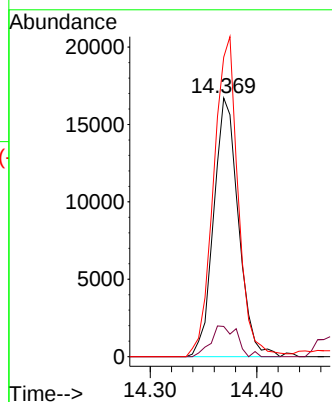
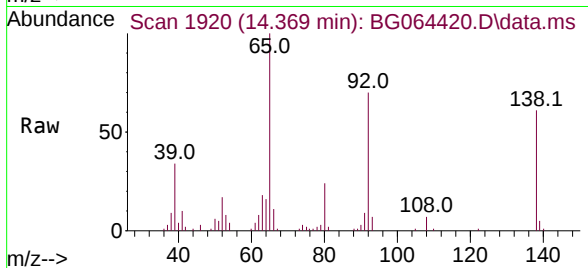
#53
3-Nitroaniline
Concen: 29.164 ng
RT: 14.369 min Scan# 1920
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :
BNA_G
ClientSampleId :
PB169783BS

Tgt Ion:138 Resp: 27026
Ion Ratio Lower Upper
138 100
108 11.7 11.0 16.6
92 115.7 91.4 137.0

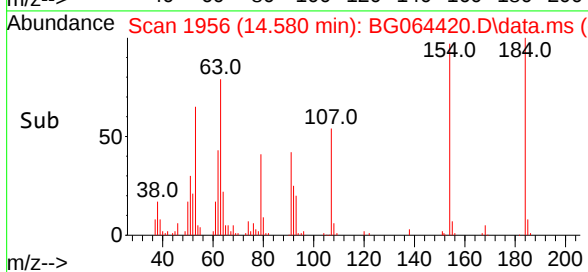
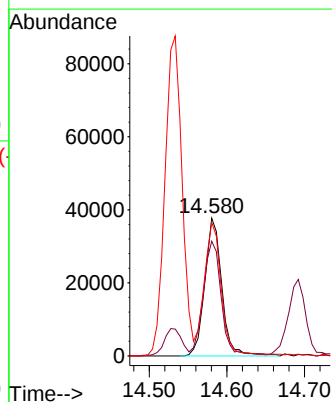
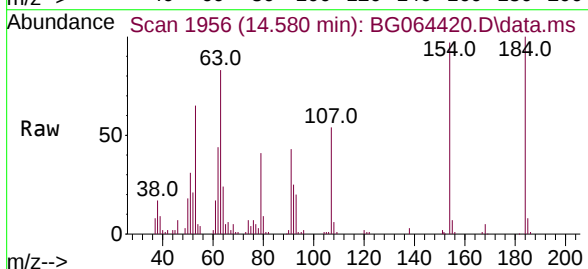
Manual Integrations
APPROVED

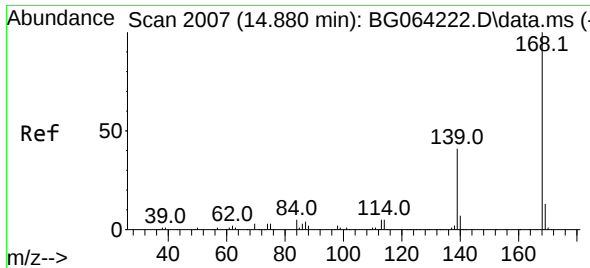
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#54
2,4-Dinitrophenol
Concen: 98.021 ng
RT: 14.580 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

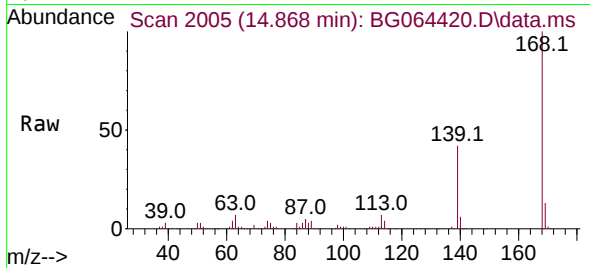
Tgt Ion:184 Resp: 57448
Ion Ratio Lower Upper
184 100
63 83.2 60.1 90.1
154 97.0 59.8 89.8#





#55
Dibenzofuran
Concen: 41.604 ng
RT: 14.868 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

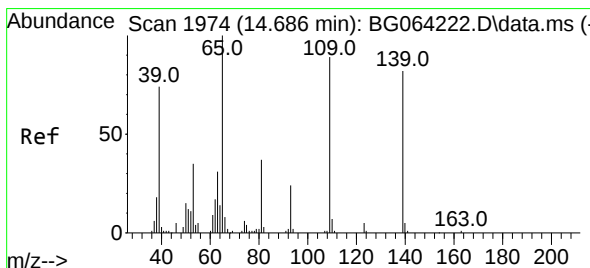
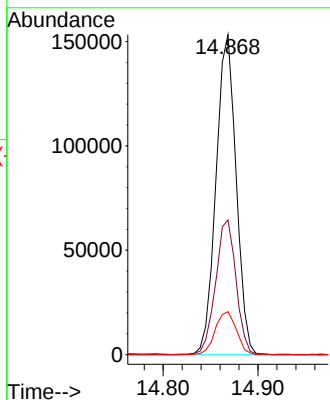
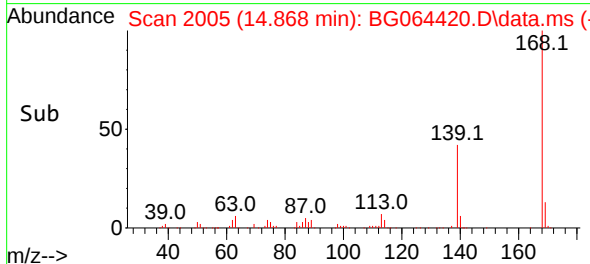
Instrument :
BNA_G
ClientSampleId :
PB169783BS



Tgt Ion:168 Resp: 225680
Ion Ratio Lower Upper
168 100
139 42.1 33.2 49.8
169 13.4 10.4 15.6

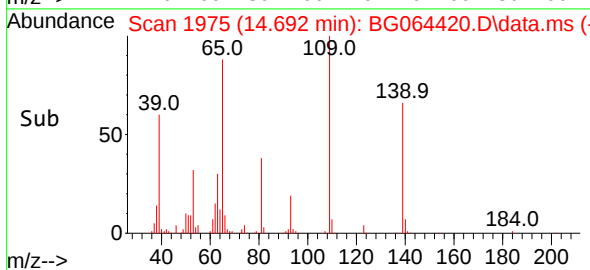
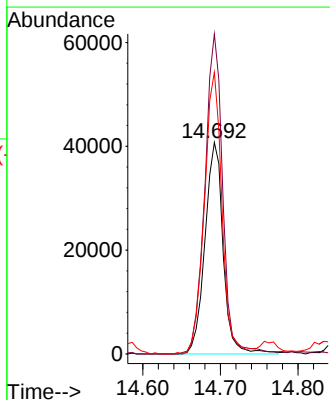
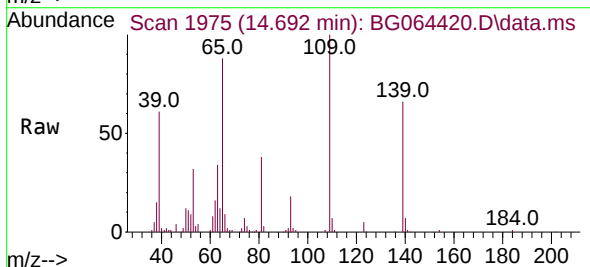
Manual Integrations
APPROVED

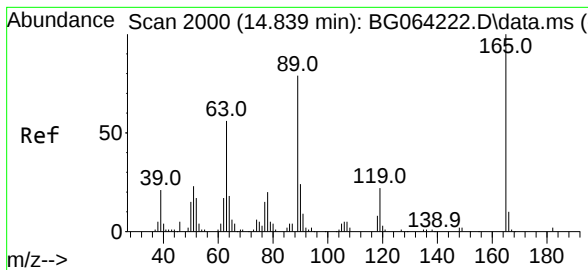
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#56
4-Nitrophenol
Concen: 87.280 ng
RT: 14.692 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Tgt Ion:139 Resp: 66347
Ion Ratio Lower Upper
139 100
109 151.3 89.1 129.1#
65 133.2 102.9 142.9





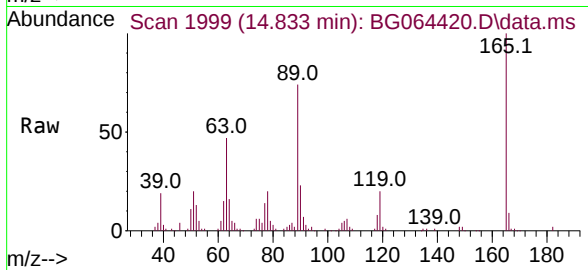
#57
2,4-Dinitrotoluene
Concen: 48.431 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

PB169783BS

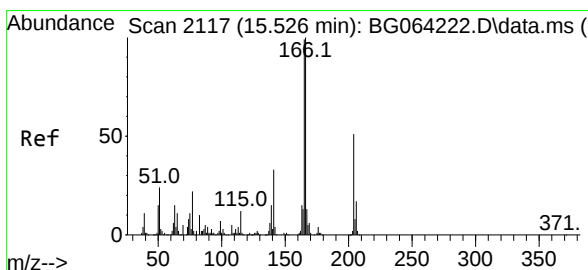
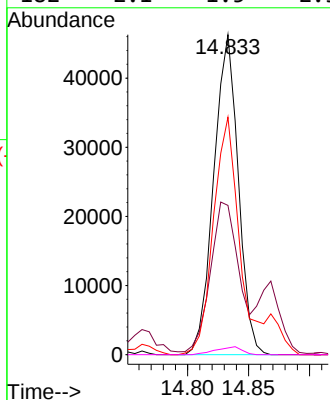
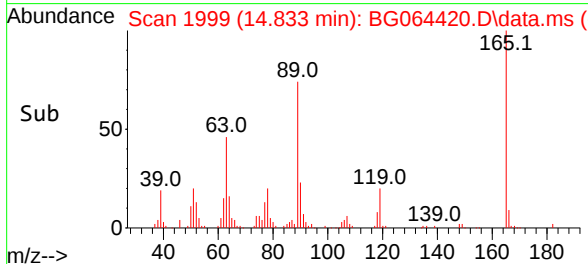


Tgt Ion:165 Resp: 64783
Ion Ratio Lower Upper
165 100
63 46.6 44.6 67.0
89 74.2 63.0 94.4
182 2.1 1.5 2.3

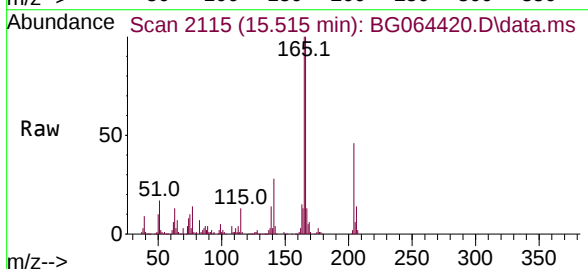
Manual Integrations

APPROVED

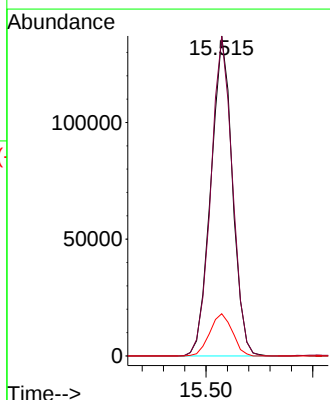
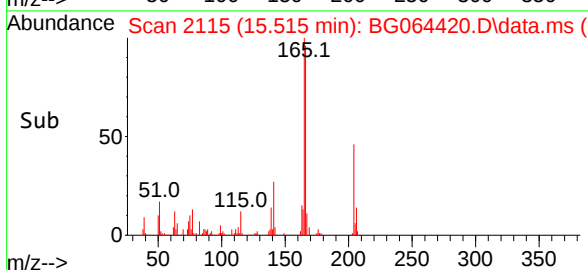
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

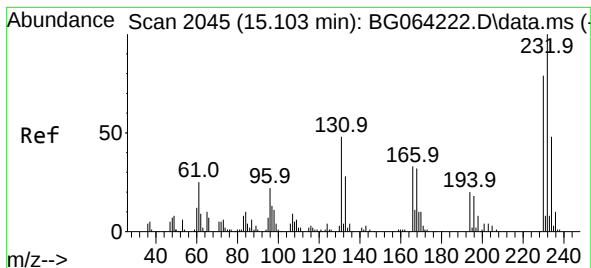


#58
Fluorene
Concen: 43.144 ng
RT: 15.515 min Scan# 2115
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18



Tgt Ion:166 Resp: 191818
Ion Ratio Lower Upper
166 100
165 99.8 79.1 118.7
167 13.2 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.287 ng
RT: 15.097 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

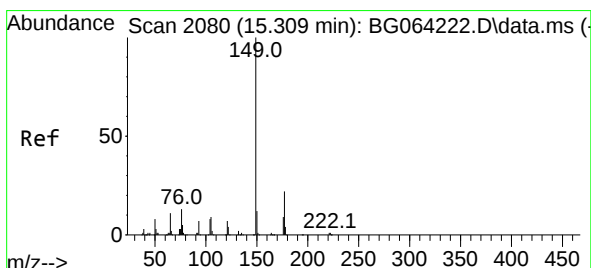
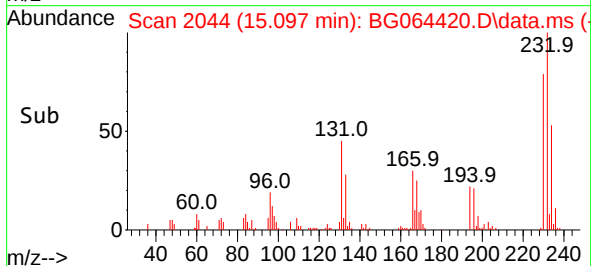
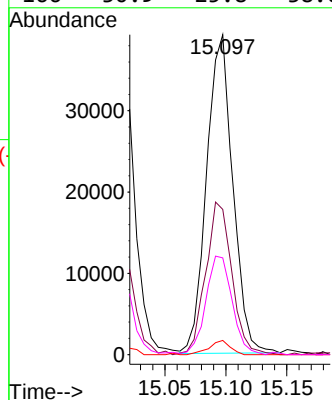
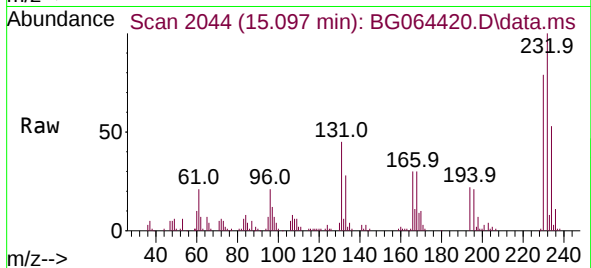
PB169783BS

Tgt Ion:232 Resp: 5865
Ion Ratio Lower Upper
232 100
131 47.7 37.1 55.7
130 3.5 2.6 3.8
166 30.9 25.8 38.6

Manual Integrations

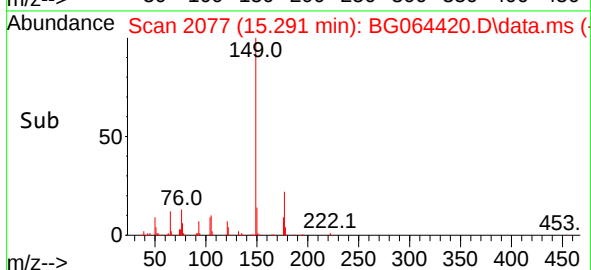
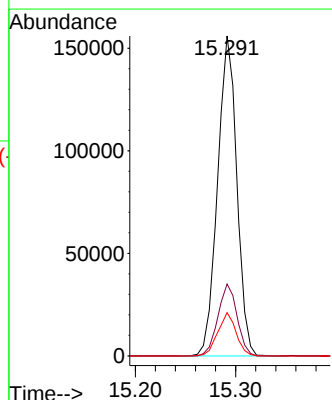
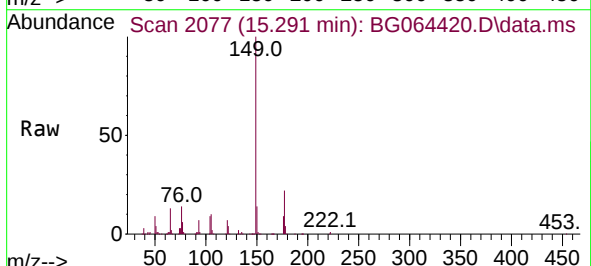
APPROVED

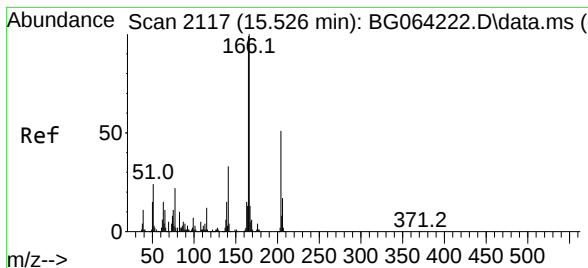
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#60
Diethylphthalate
Concen: 42.582 ng
RT: 15.291 min Scan# 2077
Delta R.T. -0.024 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

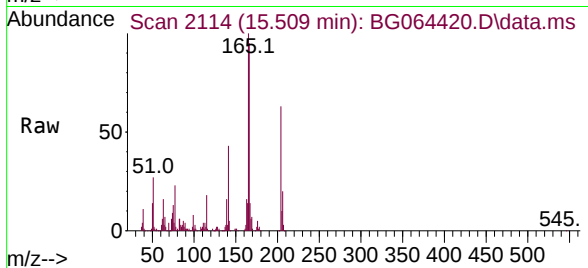
Tgt Ion:149 Resp: 208251
Ion Ratio Lower Upper
149 100
177 22.5 17.5 26.3
150 13.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.110 ng
RT: 15.509 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

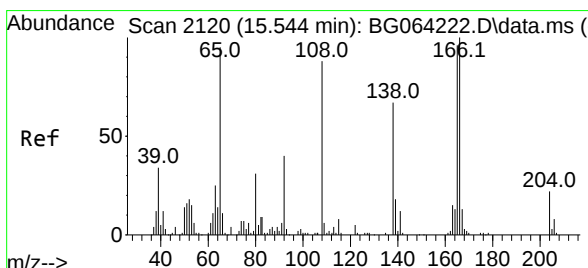
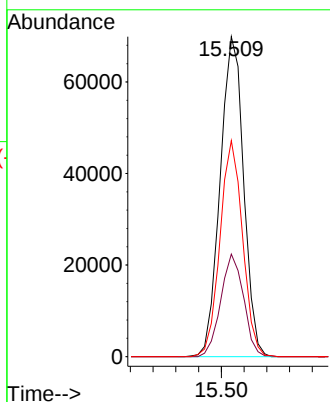
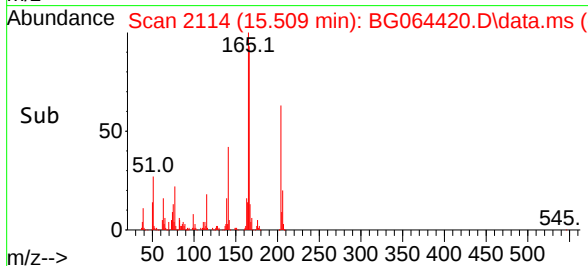
Instrument :
BNA_G
ClientSampleId :
PB169783BS



Tgt Ion:204 Resp: 99996
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.4
141 67.5 51.9 77.9

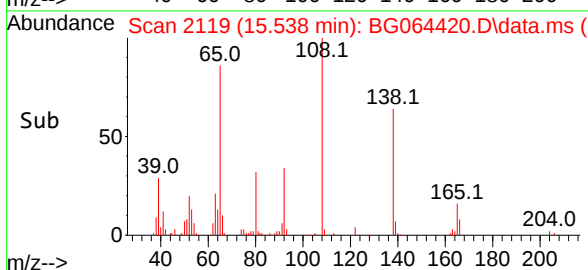
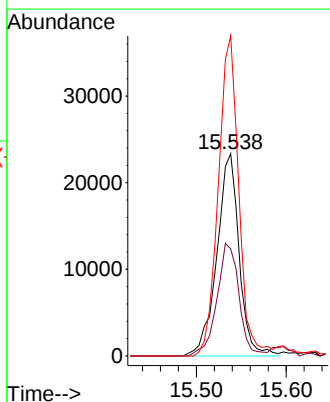
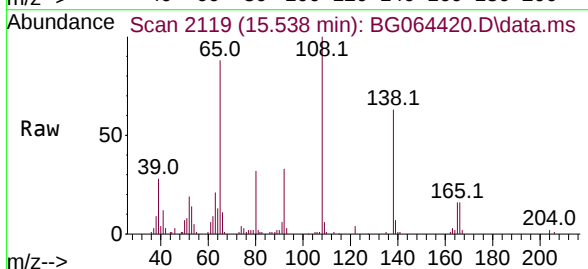
Manual Integrations
APPROVED

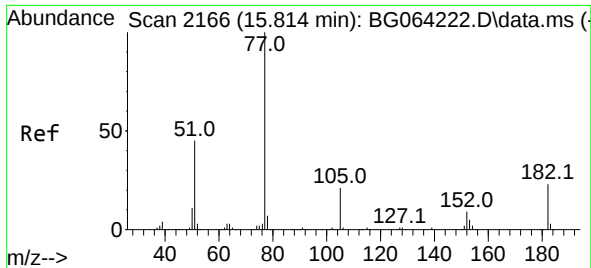
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#62
4-Nitroaniline
Concen: 42.495 ng
RT: 15.538 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Tgt Ion:138 Resp: 40183
Ion Ratio Lower Upper
138 100
92 52.9 39.1 79.1
108 158.1 111.3 151.3#





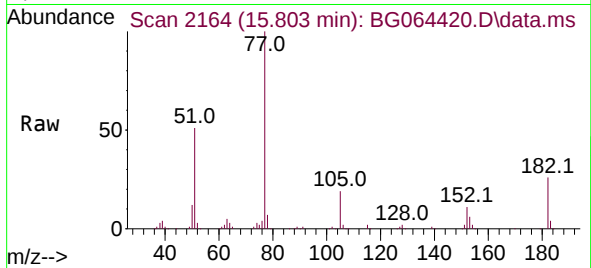
#63
Azobenzene
Concen: 39.047 ng
RT: 15.803 min Scan# 2164
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

PB169783BS

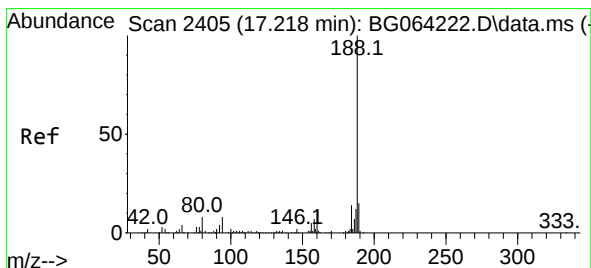
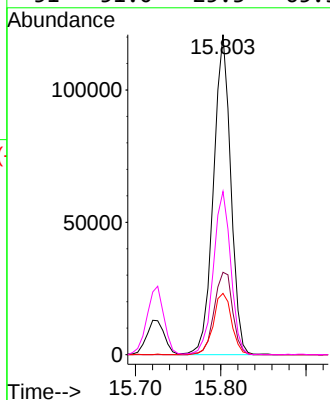
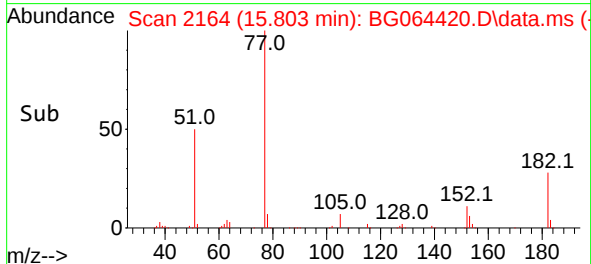


Tgt Ion: 77 Resp: 170202
Ion Ratio Lower Upper
77 100
182 25.7 3.3 43.3
105 19.1 0.6 40.6
51 51.0 25.3 65.3

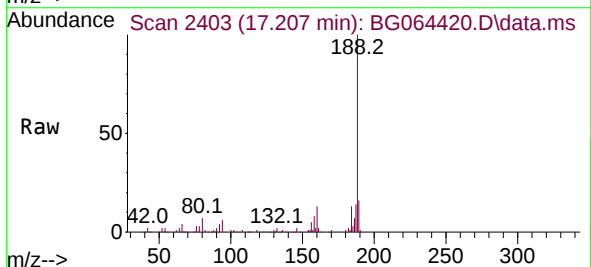
Manual Integrations

APPROVED

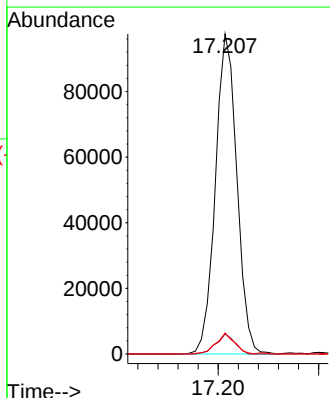
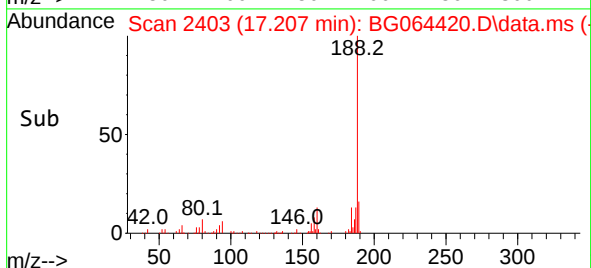
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

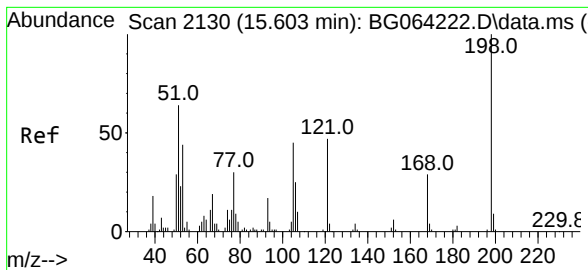


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18



Tgt Ion:188 Resp: 145222
Ion Ratio Lower Upper
188 100
94 6.3 6.2 9.4
80 6.5 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 52.167 ng
RT: 15.597 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

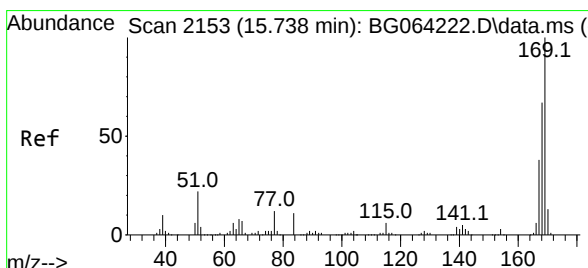
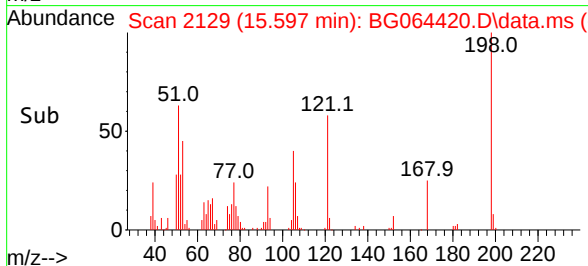
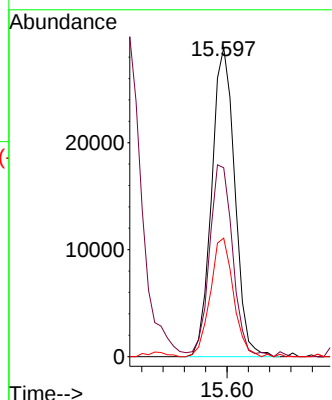
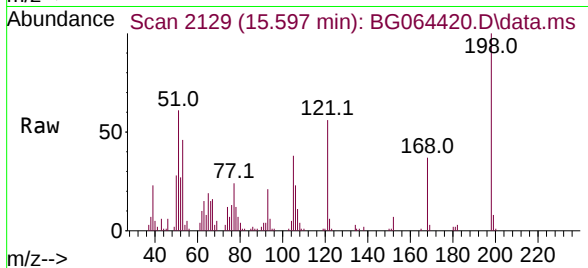
ClientSampleId :

PB169783BS

Tgt Ion:198 Resp: 43495
Ion Ratio Lower Upper
198 100
51 61.1 46.2 86.2
105 38.3 25.0 65.0

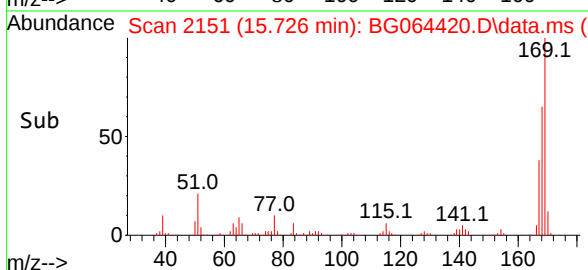
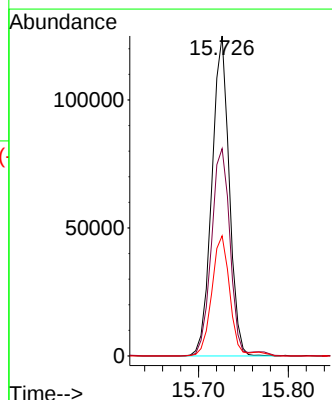
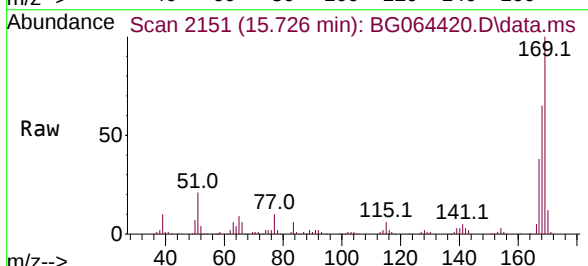
Manual Integrations
APPROVED

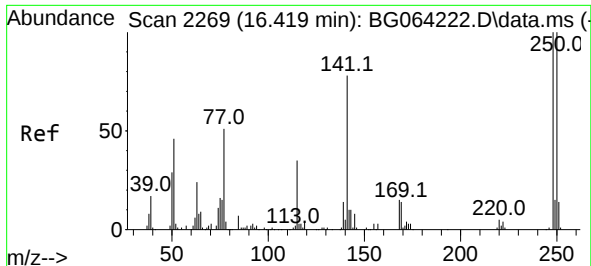
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#66
n-Nitrosodiphenylamine
Concen: 42.026 ng
RT: 15.726 min Scan# 2151
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

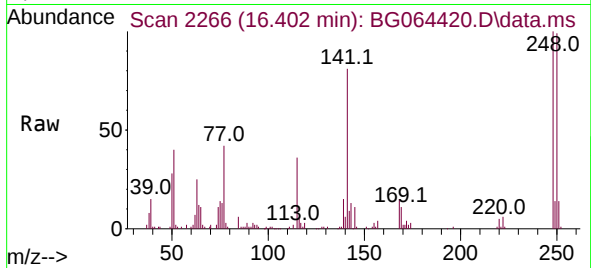
Tgt Ion:169 Resp: 167890
Ion Ratio Lower Upper
169 100
168 64.8 53.8 80.8
167 37.5 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 45.254 ng
RT: 16.402 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

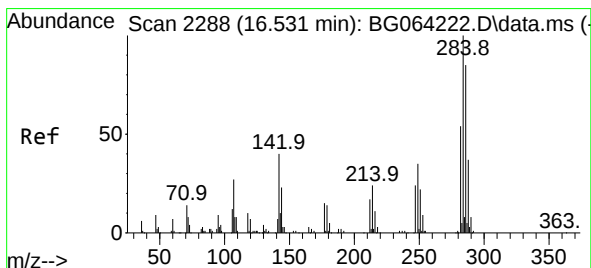
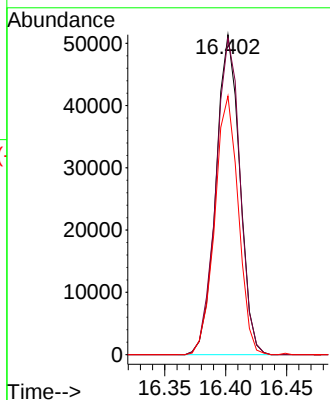
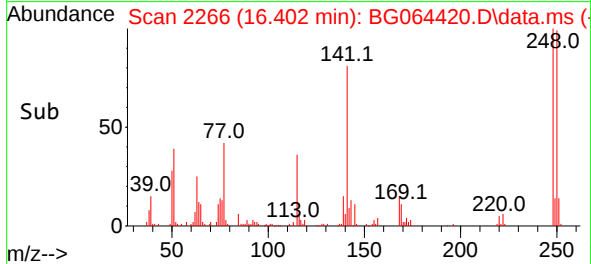
Instrument :
BNA_G
ClientSampleId :
PB169783BS



Tgt Ion:248 Resp: 6980
Ion Ratio Lower Upper
248 100
250 98.8 80.2 120.4
141 80.8 62.4 93.6

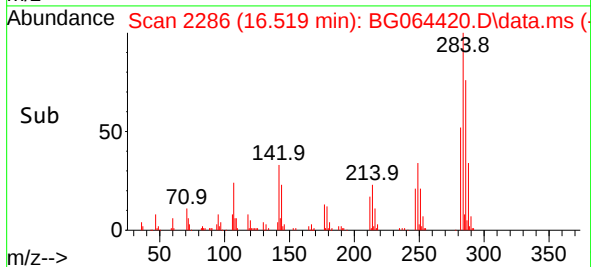
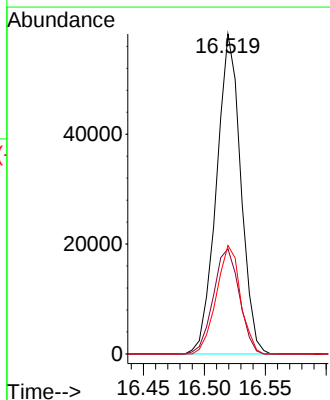
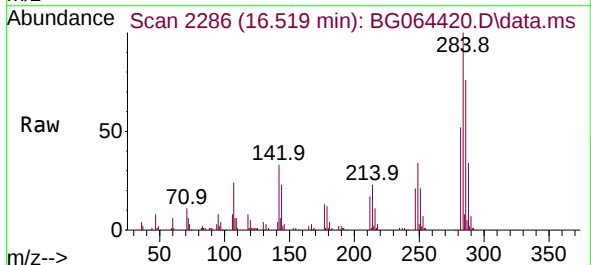
Manual Integrations
APPROVED

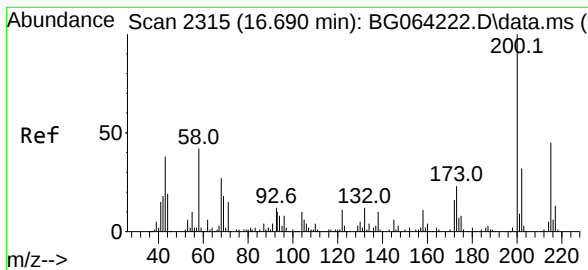
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#68
Hexachlorobenzene
Concen: 47.159 ng
RT: 16.519 min Scan# 2286
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

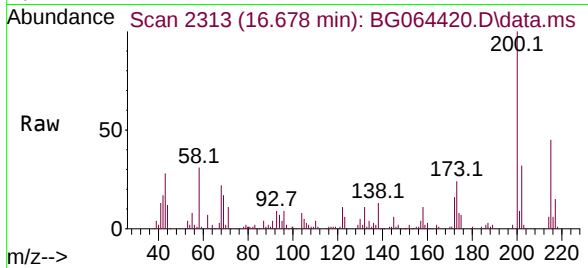
Tgt Ion:284 Resp: 80777
Ion Ratio Lower Upper
284 100
142 32.8 32.1 48.1
249 33.9 28.3 42.5





#69
 Atrazine
 Concen: 45.309 ng
 RT: 16.678 min Scan# 2313
 Delta R.T. -0.018 min
 Lab File: BG064420.D
 Acq: 22 Sep 2025 18:18

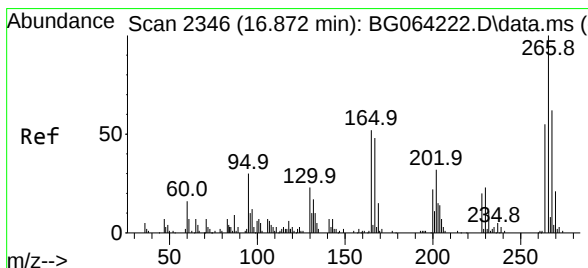
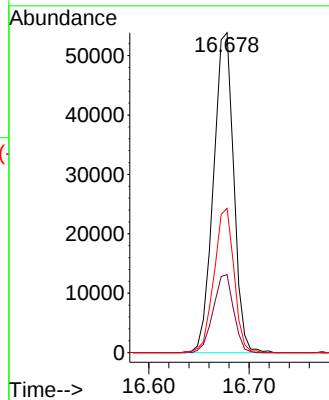
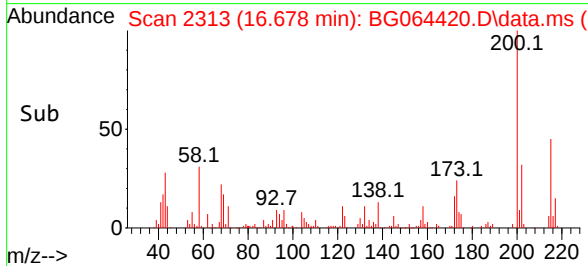
Instrument :
 BNA_G
 ClientSampleId :
 PB169783BS



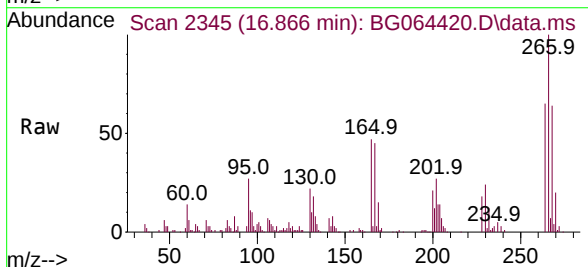
Tgt Ion:200 Resp: 75578
 Ion Ratio Lower Upper
 200 100
 173 24.4 3.5 43.5
 215 45.1 24.8 64.8

Manual Integrations
 APPROVED

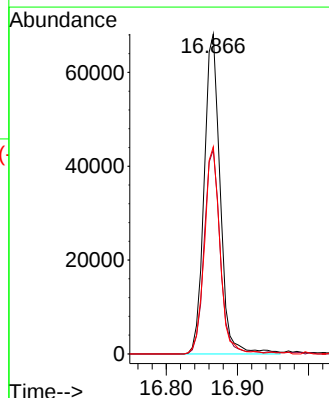
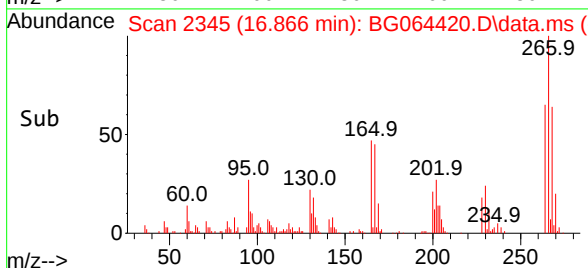
Reviewed By :Rahul Chavli 09/23/2025
 Supervised By :Jagrut Upadhyay 09/23/2025

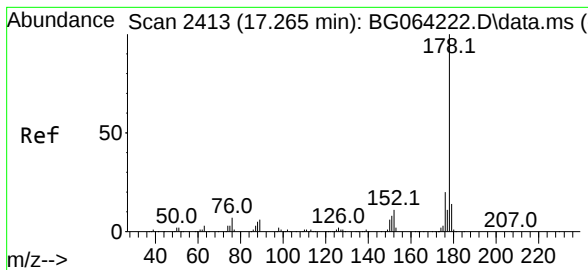


#70
 Pentachlorophenol
 Concen: 102.272 ng
 RT: 16.866 min Scan# 2345
 Delta R.T. -0.012 min
 Lab File: BG064420.D
 Acq: 22 Sep 2025 18:18



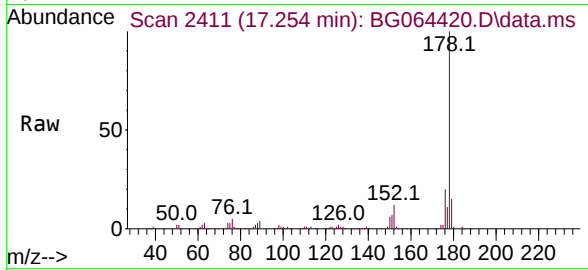
Tgt Ion:266 Resp: 106217
 Ion Ratio Lower Upper
 266 100
 268 63.8 49.4 74.0
 264 64.7 44.3 66.5





#71
Phenanthrene
Concen: 42.202 ng
RT: 17.254 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

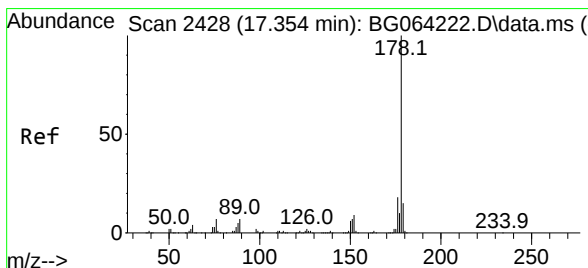
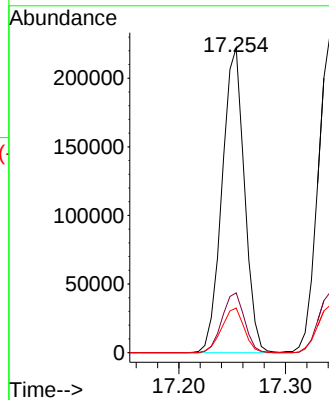
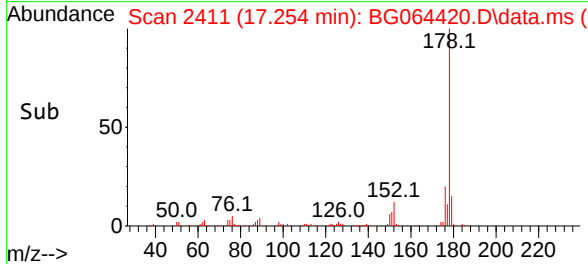
Instrument :
BNA_G
ClientSampleId :
PB169783BS



Tgt Ion:178 Resp: 32324
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 14.6 11.4 17.2

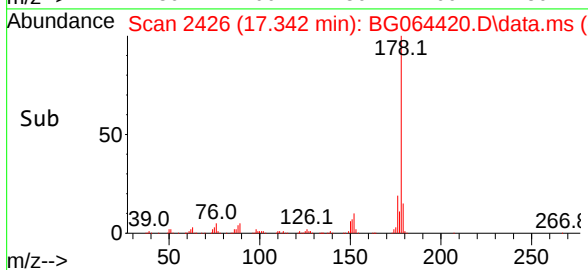
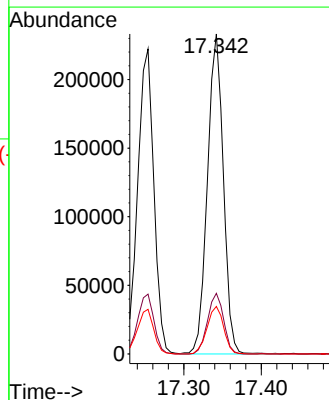
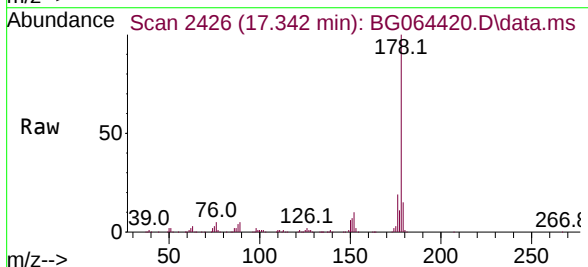
Manual Integrations
APPROVED

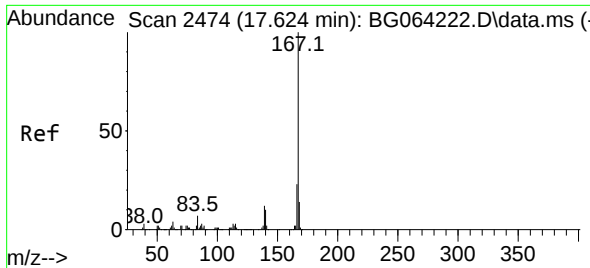
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#72
Anthracene
Concen: 42.626 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

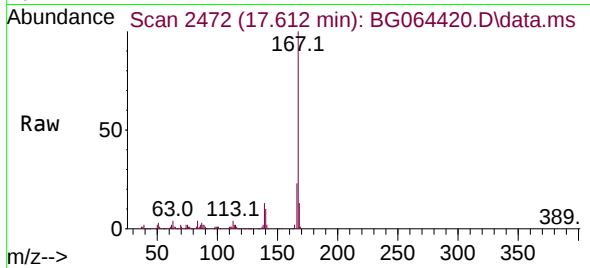
Tgt Ion:178 Resp: 332117
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 14.8 12.1 18.1





#73
Carbazole
Concen: 43.981 ng
RT: 17.612 min Scan# 2474
Delta R.T. -0.012 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

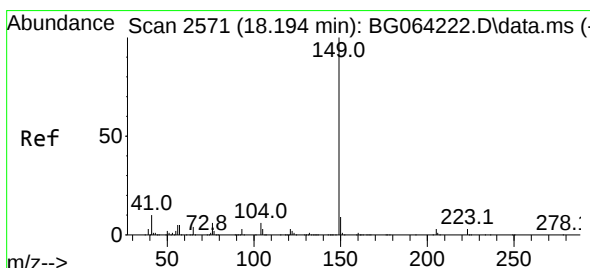
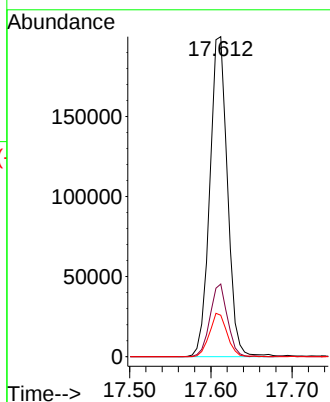
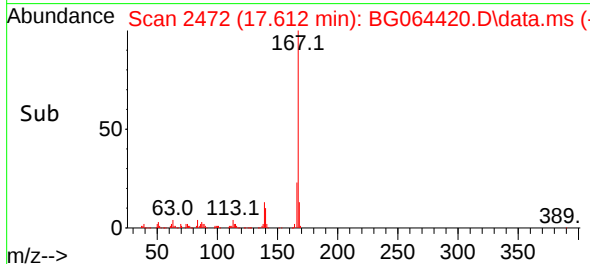
Instrument :
BNA_G
ClientSampleId :
PB169783BS



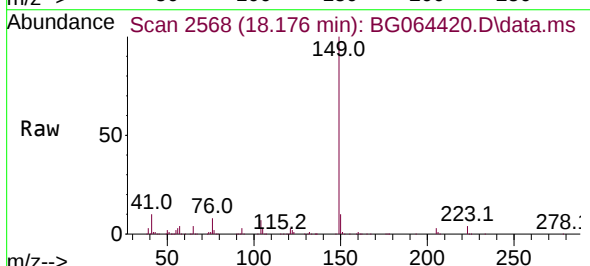
Tgt Ion:167 Resp: 30187
Ion Ratio Lower Upper
167 100
166 22.7 18.2 27.2
139 12.9 9.8 14.6

Manual Integrations
APPROVED

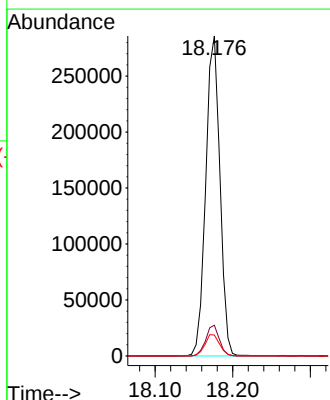
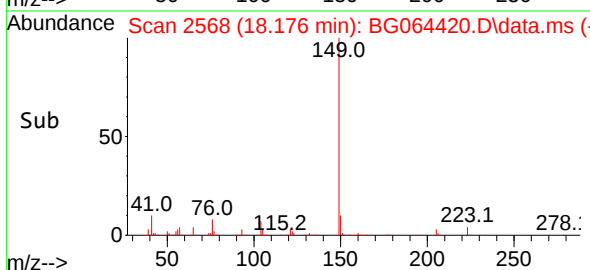
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

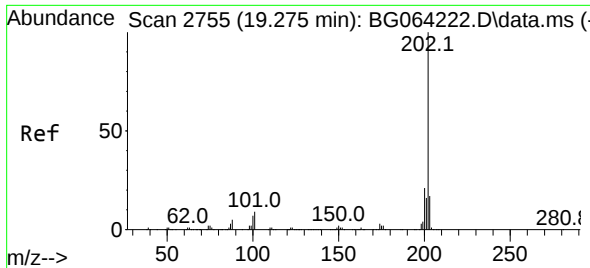


#74
Di-n-butylphthalate
Concen: 43.914 ng
RT: 18.176 min Scan# 2568
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18



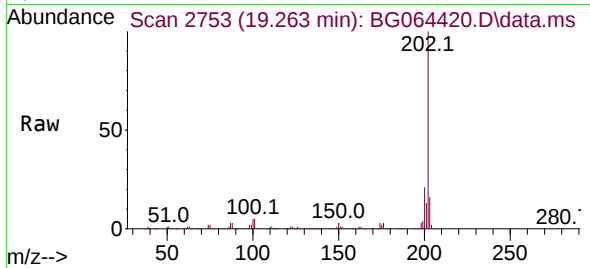
Tgt Ion:149 Resp: 362125
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 6.5 4.6 7.0





#75
Fluoranthene
Concen: 45.345 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

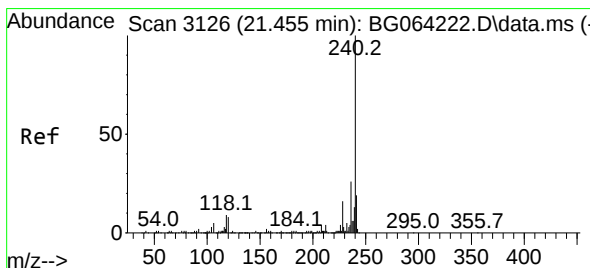
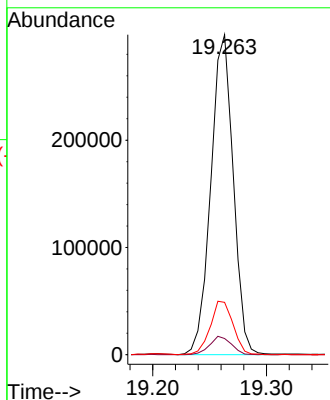
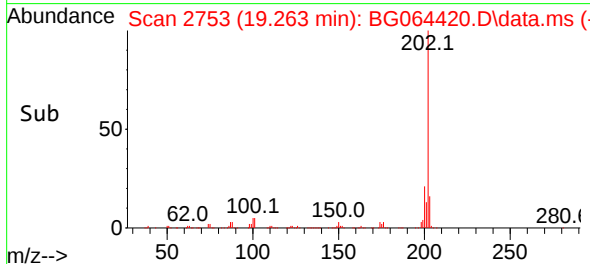
Instrument :
BNA_G
ClientSampleId :
PB169783BS



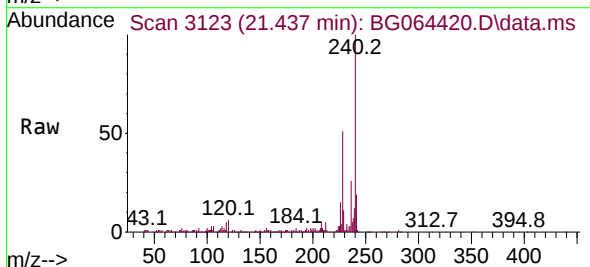
Tgt Ion:202 Resp: 408386
Ion Ratio Lower Upper
202 100
101 5.1 0.0 28.7
203 16.3 0.0 36.9

Manual Integrations
APPROVED

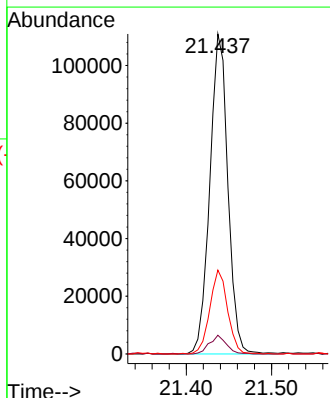
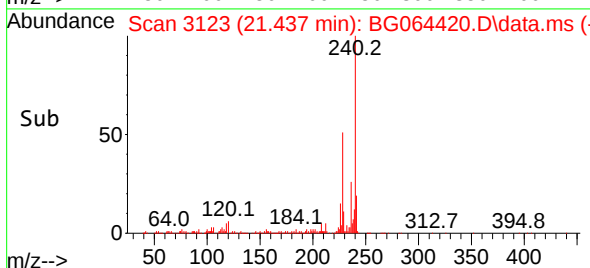
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

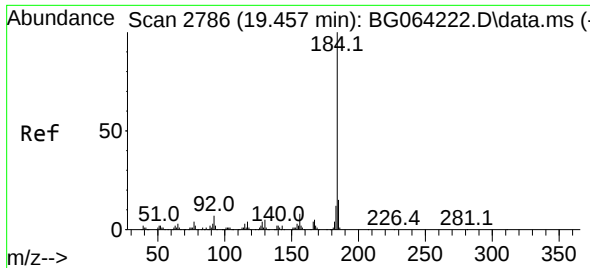


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.437 min Scan# 3123
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18



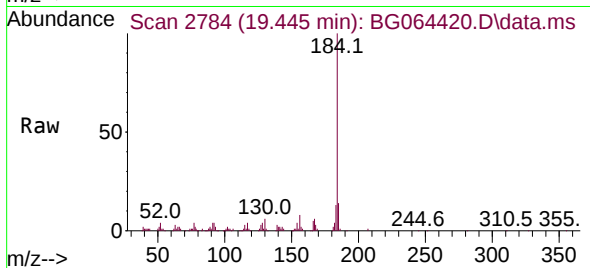
Tgt Ion:240 Resp: 163041
Ion Ratio Lower Upper
240 100
120 5.8 6.2 9.4#
236 26.2 20.5 30.7





#77
Benzidine
Concen: 33.558 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

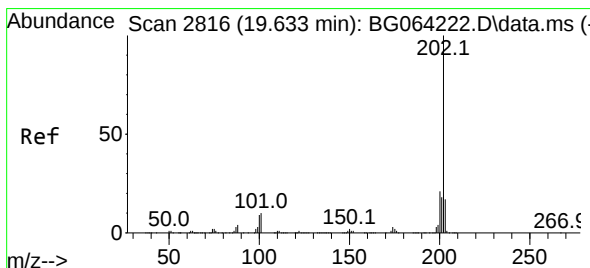
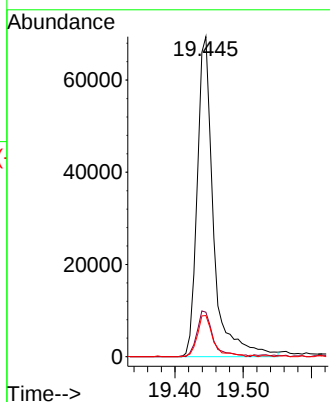
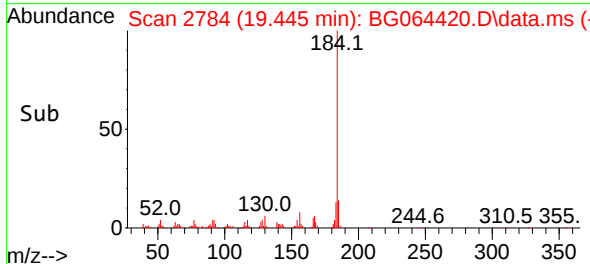
Instrument :
BNA_G
ClientSampleId :
PB169783BS



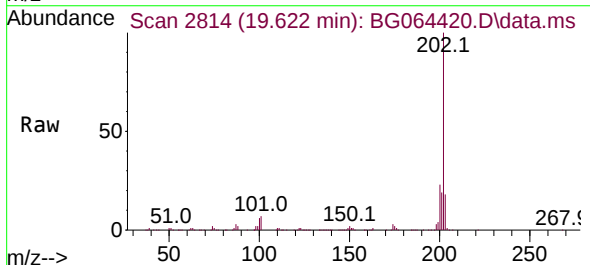
Tgt Ion:184 Resp: 115097
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 12.8 9.7 14.5

Manual Integrations
APPROVED

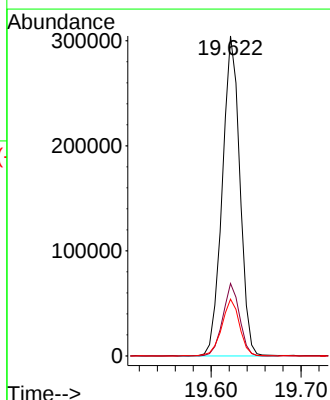
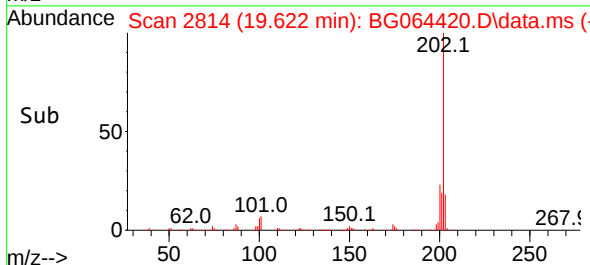
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

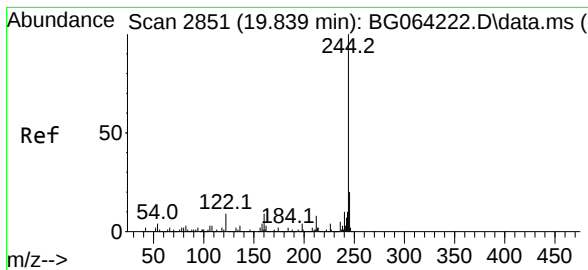


#78
Pyrene
Concen: 40.402 ng
RT: 19.622 min Scan# 2814
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18



Tgt Ion:202 Resp: 414998
Ion Ratio Lower Upper
202 100
200 22.7 16.9 25.3
203 17.7 13.8 20.8





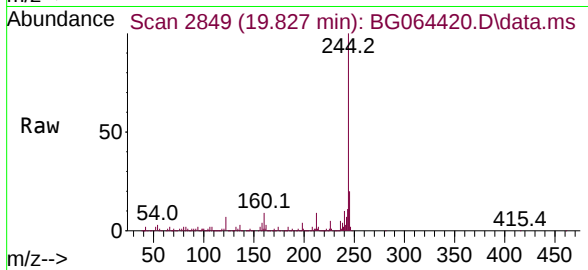
#79
 Terphenyl-d14
 Concen: 91.291 ng
 RT: 19.827 min Scan# 2851
 Delta R.T. -0.018 min
 Lab File: BG064420.D
 Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

PB169783BS



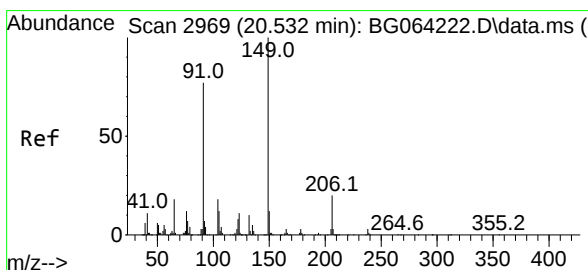
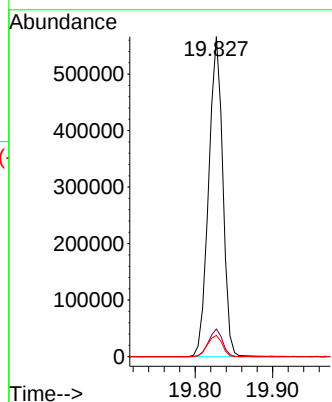
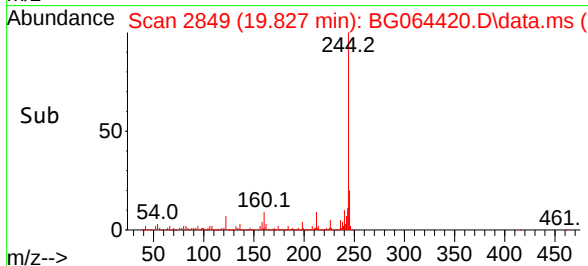
Tgt Ion:244 Resp: 713409
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 6.6 7.0 10.6

Manual Integrations

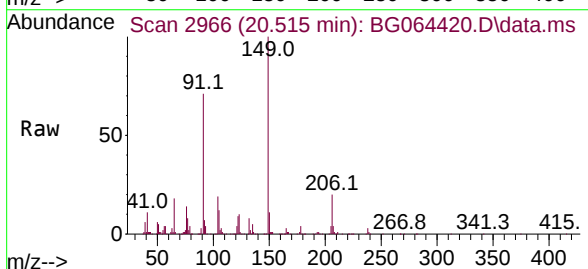
APPROVED

Reviewed By :Rahul Chavli 09/23/2025

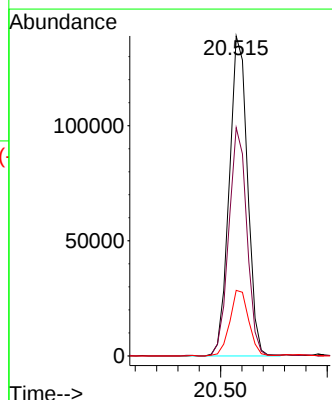
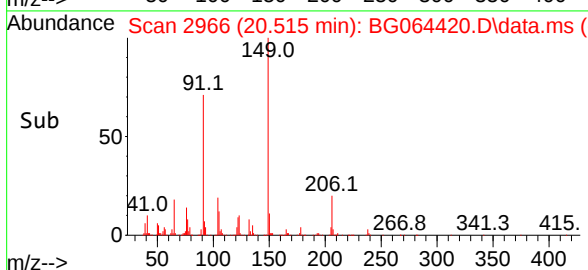
Supervised By :Jagrut Upadhyay 09/23/2025

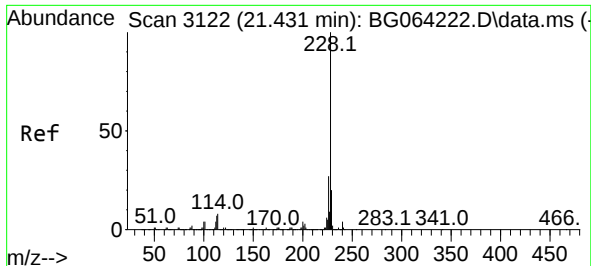


#80
 Butylbenzylphthalate
 Concen: 42.548 ng
 RT: 20.515 min Scan# 2966
 Delta R.T. -0.018 min
 Lab File: BG064420.D
 Acq: 22 Sep 2025 18:18



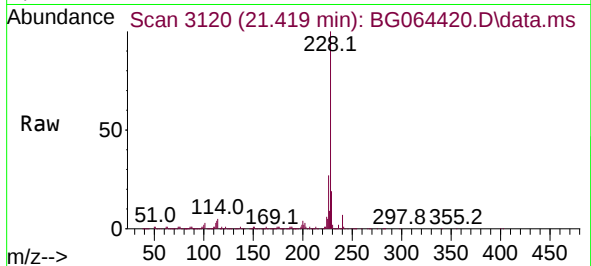
Tgt Ion:149 Resp: 164843
 Ion Ratio Lower Upper
 149 100
 91 71.3 61.4 92.0
 206 20.5 15.8 23.6





#81
Benzo(a)anthracene
Concen: 42.126 ng
RT: 21.419 min Scan# 3122
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

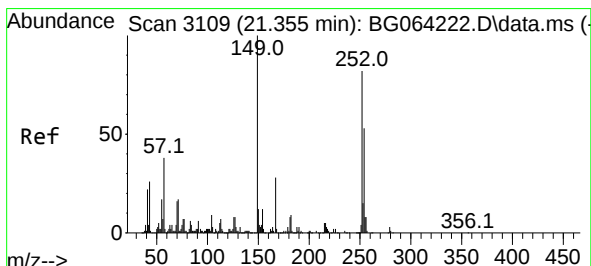
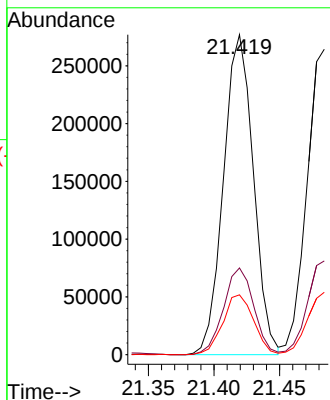
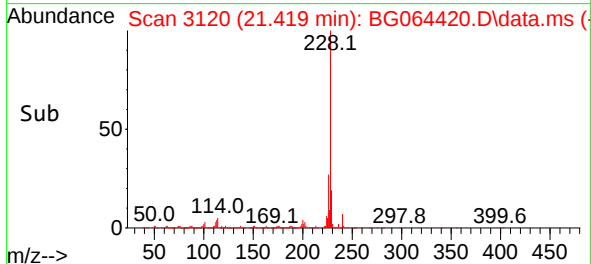
Instrument :
BNA_G
ClientSampleId :
PB169783BS



Tgt Ion:228 Resp: 439399
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 18.7 15.9 23.9

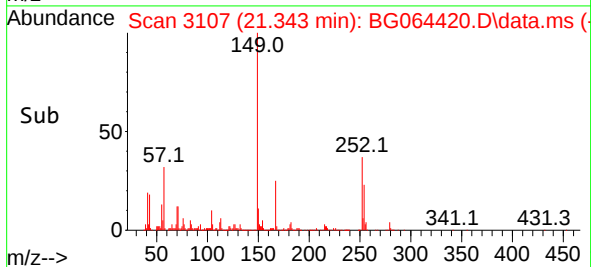
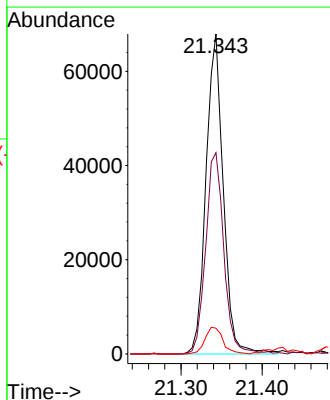
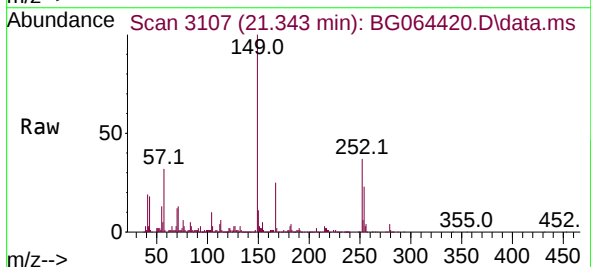
Manual Integrations
APPROVED

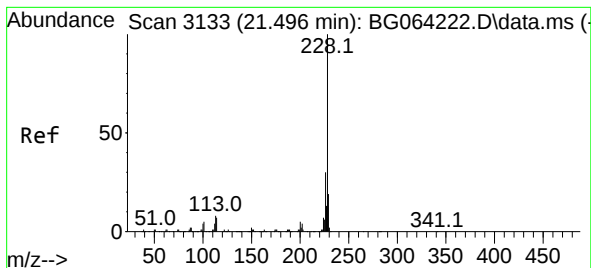
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#82
3,3'-Dichlorobenzidine
Concen: 29.544 ng
RT: 21.343 min Scan# 3107
Delta R.T. -0.018 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Tgt Ion:252 Resp: 100362
Ion Ratio Lower Upper
252 100
254 62.9 51.9 77.9
126 8.0 7.6 11.4





#83

Chrysene

Concen: 40.423 ng

RT: 21.484 min Scan# 31

Delta R.T. -0.018 min

Lab File: BG064420.D

Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

PB169783BS

Tgt Ion:228 Resp: 404786

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

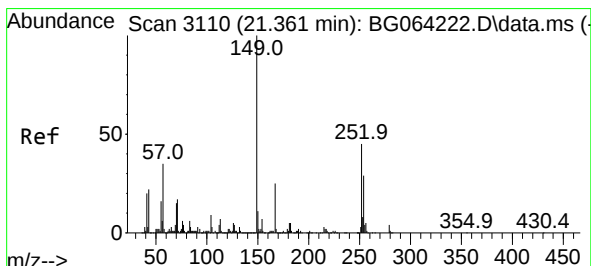
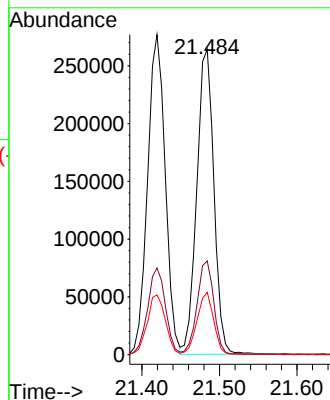
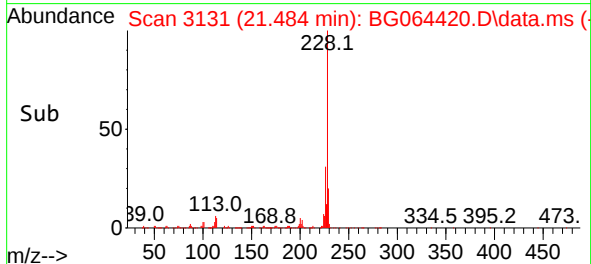
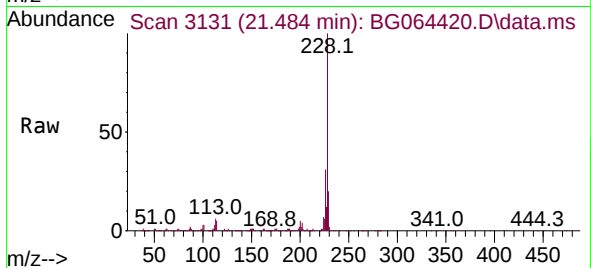
229 20.4 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/23/2025

Supervised By :Jagrut Upadhyay 09/23/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.888 ng

RT: 21.343 min Scan# 3107

Delta R.T. -0.024 min

Lab File: BG064420.D

Acq: 22 Sep 2025 18:18

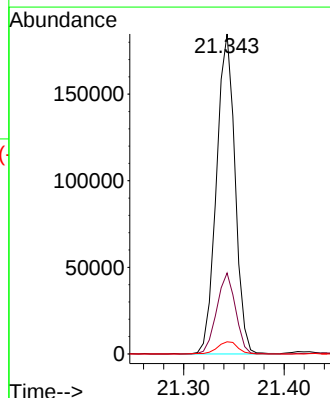
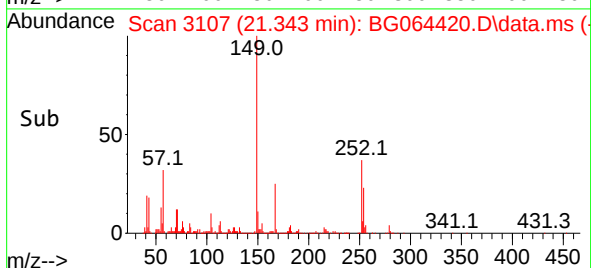
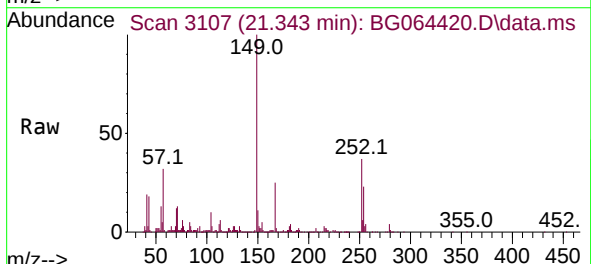
Tgt Ion:149 Resp: 237829

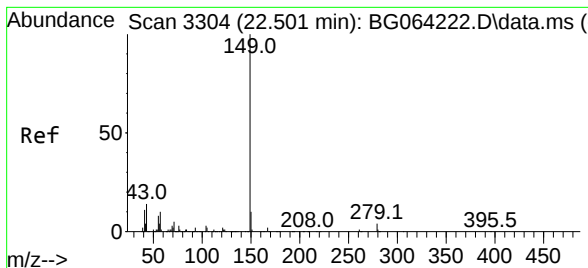
Ion Ratio Lower Upper

149 100

167 25.3 20.0 30.0

279 3.8 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 39.926 ng

RT: 22.477 min Scan# 3304

Delta R.T. -0.030 min

Lab File: BG064420.D

Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

PB169783BS

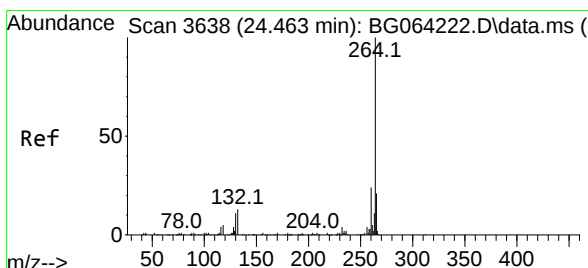
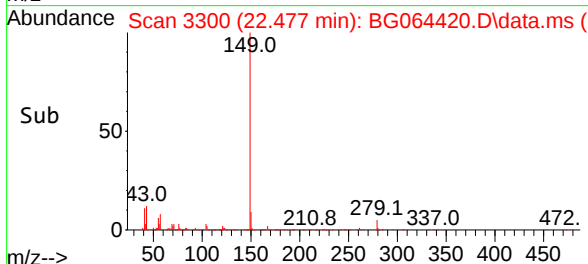
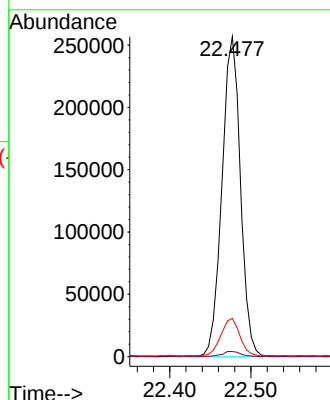
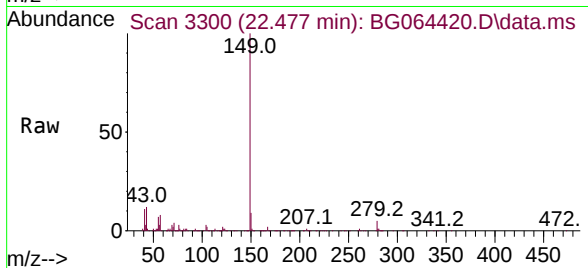
Tgt Ion:149 Resp: 404654
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 12.0 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/23/2025

Supervised By :Jagrut Upadhyay 09/23/2025



#86

Perylene-d12

Concen: 20.000 ng

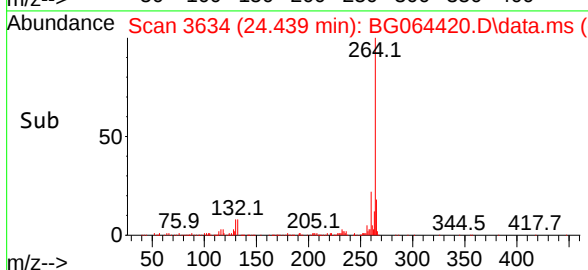
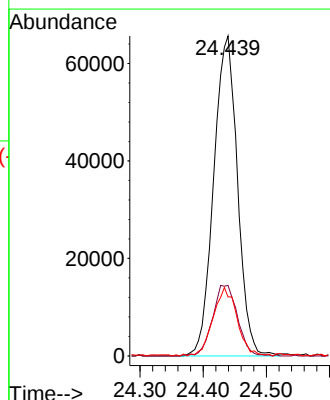
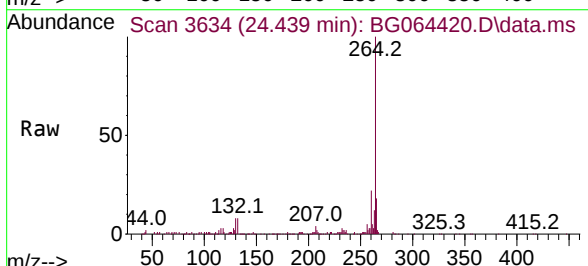
RT: 24.439 min Scan# 3634

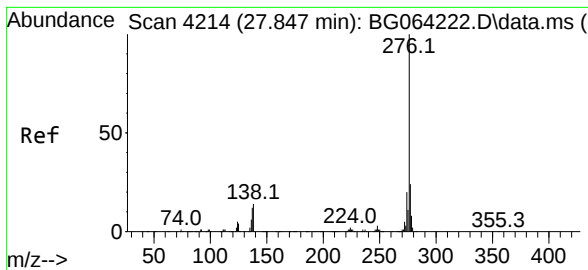
Delta R.T. -0.024 min

Lab File: BG064420.D

Acq: 22 Sep 2025 18:18

Tgt Ion:264 Resp: 171434
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.9 28.3
 265 18.4 16.7 25.1





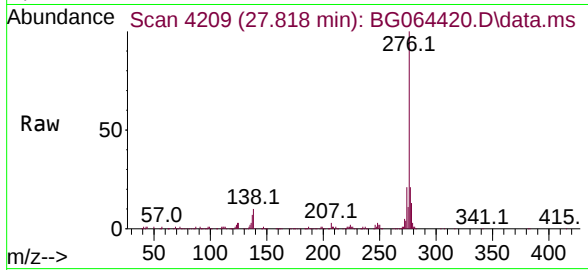
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.195 ng
 RT: 27.818 min Scan# 41
 Delta R.T. -0.053 min
 Lab File: BG064420.D
 Acq: 22 Sep 2025 18:18

Instrument :

BNA_G

ClientSampleId :

PB169783BS



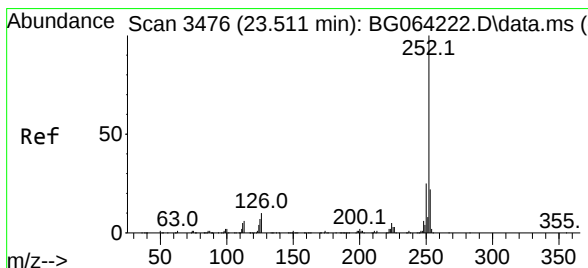
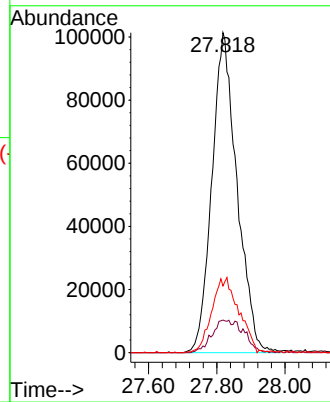
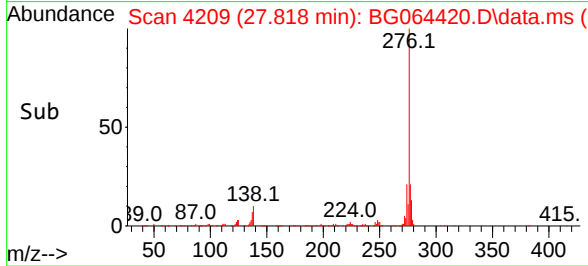
Tgt Ion:276 Resp: 517409
 Ion Ratio Lower Upper
 276 100
 138 7.6 7.4 11.0
 277 11.2 20.5 30.7

Manual Integrations

APPROVED

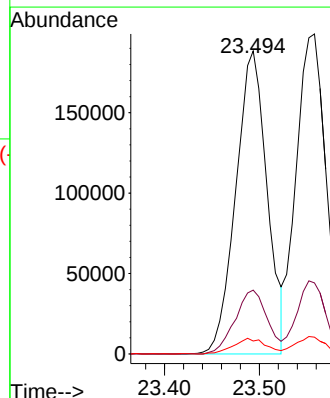
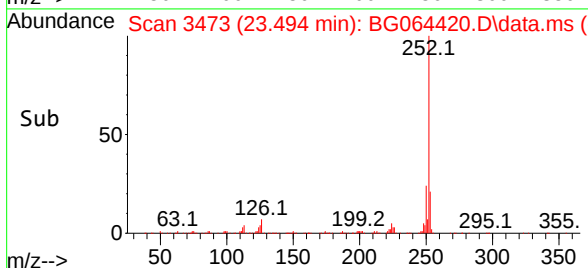
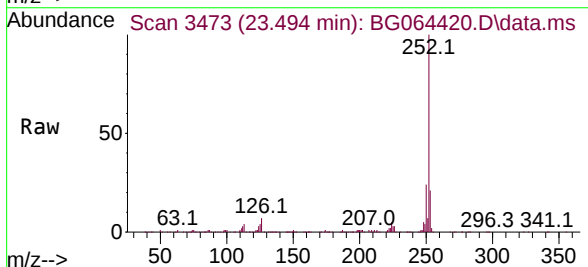
Reviewed By :Rahul Chavli 09/23/2025

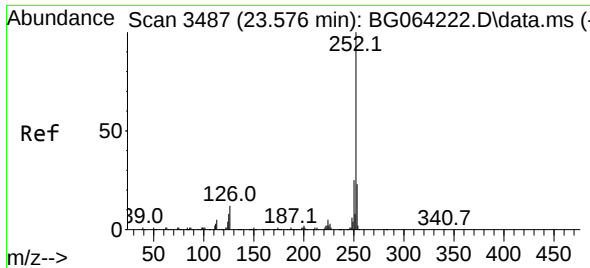
Supervised By :Jagrut Upadhyay 09/23/2025



#88
 Benzo(b)fluoranthene
 Concen: 44.625 ng
 RT: 23.494 min Scan# 3473
 Delta R.T. -0.024 min
 Lab File: BG064420.D
 Acq: 22 Sep 2025 18:18

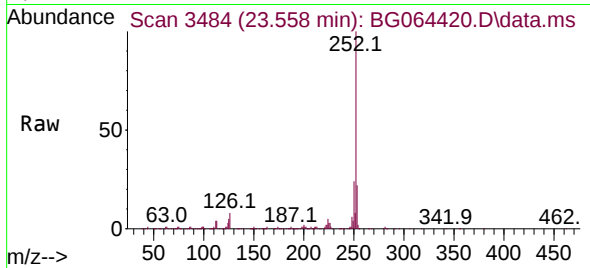
Tgt Ion:252 Resp: 431770
 Ion Ratio Lower Upper
 252 100
 253 21.0 17.5 26.3
 125 4.2 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 44.236 ng
RT: 23.558 min Scan# 3487
Delta R.T. -0.030 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

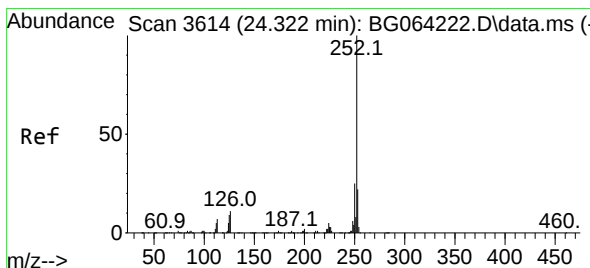
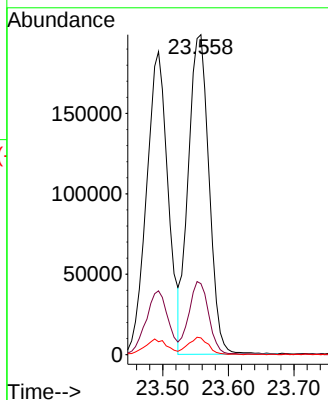
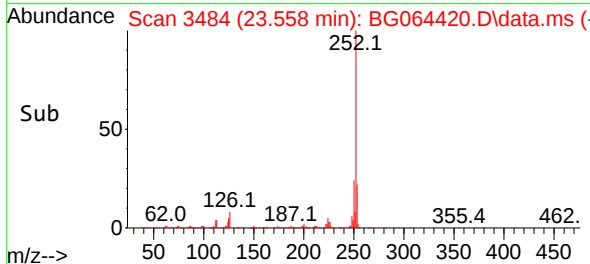
Instrument :
BNA_G
ClientSampleId :
PB169783BS



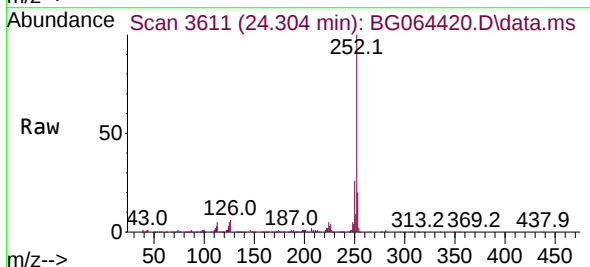
Tgt Ion:252 Resp: 436044
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 5.2 7.0 10.4

Manual Integrations
APPROVED

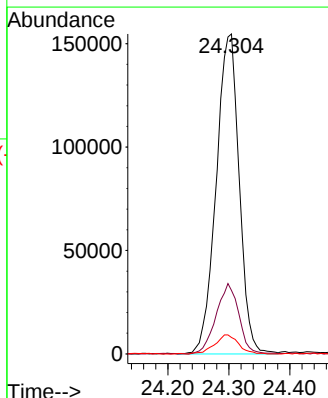
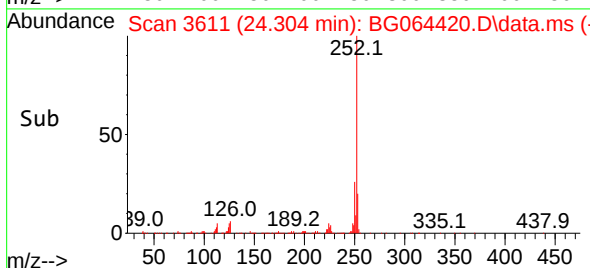
Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

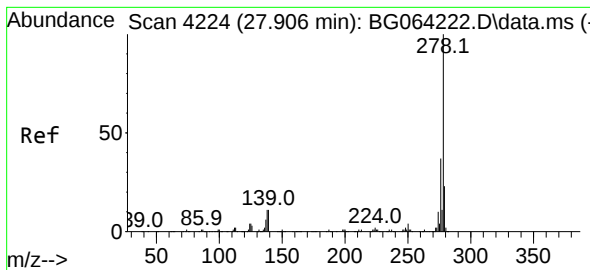


#90
Benzo(a)pyrene
Concen: 45.041 ng
RT: 24.304 min Scan# 3611
Delta R.T. -0.024 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18



Tgt Ion:252 Resp: 405389
Ion Ratio Lower Upper
252 100
253 19.8 17.4 26.2
125 5.1 7.0 10.6





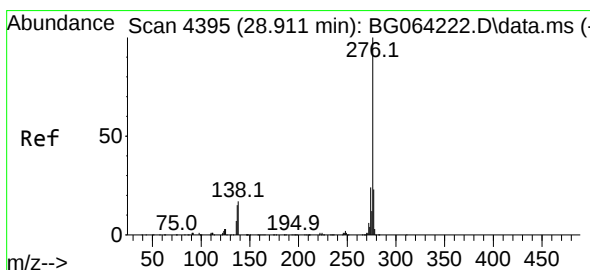
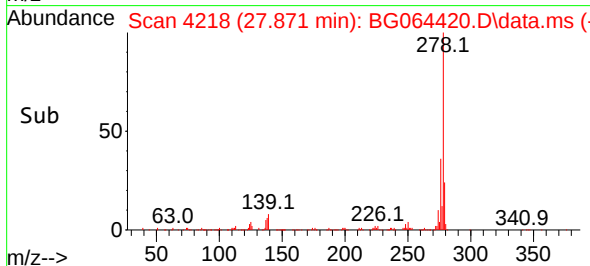
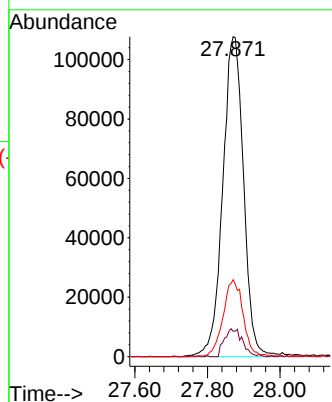
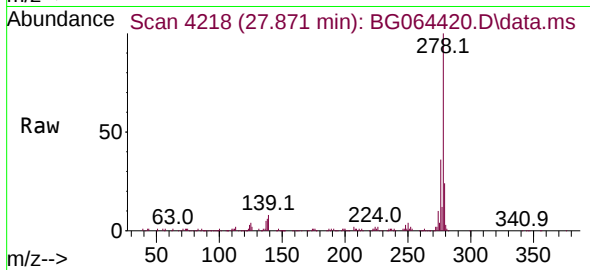
#91
Dibenzo(a,h)anthracene
Concen: 45.514 ng
RT: 27.871 min Scan# 4218
Delta R.T. -0.053 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Instrument :
BNA_G
ClientSampleId :
PB169783BS

Tgt Ion:278 Resp: 427833
Ion Ratio Lower Upper
278 100
139 7.9 9.0 13.4
279 24.0 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



#92
Benzo(g,h,i)perylene
Concen: 45.612 ng
RT: 28.870 min Scan# 4388
Delta R.T. -0.065 min
Lab File: BG064420.D
Acq: 22 Sep 2025 18:18

Tgt Ion:276 Resp: 417200
Ion Ratio Lower Upper
276 100
277 24.2 18.2 27.4
138 9.7 13.3 19.9

