

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064075.D
 Acq On : 10 Mar 2025 10:44
 Operator : RC/JU
 Sample : PB167035BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167035BS

Quant Time: Mar 10 12:22:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/11/2025
 Supervised By :Jagrut Upadhyay 03/11/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	35194	20.000	ng	# 0.00
21) Naphthalene-d8	10.647	136	154810	20.000	ng	0.00
39) Acenaphthene-d10	14.484	164	106817	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	235208	20.000	ng	0.00
76) Chrysene-d12	21.458	240	237204	20.000	ng	0.00
86) Perylene-d12	24.472	264	255311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.453	112	312176	138.503	ng	0.00
7) Phenol-d6	7.034	99	419514	136.817	ng	0.00
23) Nitrobenzene-d5	9.014	82	271257	96.830	ng	0.00
42) 2,4,6-Tribromophenol	15.976	330	182401	153.621	ng	0.00
45) 2-Fluorobiphenyl	13.115	172	652866	92.773	ng	0.00
79) Terphenyl-d14	19.848	244	1140903	97.254	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.367	88	39346	38.518	ng	94
3) Pyridine	3.749	79	97422	39.216	ng	98
4) n-Nitrosodimethylamine	3.667	42	84337	47.515	ng	# 96
6) Aniline	7.192	93	112017	37.230	ng	98
8) 2-Chlorophenol	7.427	128	107800	44.532	ng	98
9) Benzaldehyde	6.998	77	38322m	21.489	ng	
10) Phenol	7.057	94	140681	44.812	ng	95
11) bis(2-Chloroethyl)ether	7.286	93	99871	40.578	ng	100
12) 1,3-Dichlorobenzene	7.756	146	108395	40.776	ng	97
13) 1,4-Dichlorobenzene	7.897	146	112149	41.159	ng	99
14) 1,2-Dichlorobenzene	8.215	146	108249	41.200	ng	97
15) Benzyl Alcohol	8.097	79	106765	45.059	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.385	45	230210m	41.598	ng	
17) 2-Methylphenol	8.303	107	94962	45.577	ng	97
18) Hexachloroethane	8.943	117	42241	44.309	ng	98
19) n-Nitroso-di-n-propyla...	8.667	70	88518	41.135	ng	96
20) 3+4-Methylphenols	8.626	107	132073	46.044	ng	91
22) Acetophenone	8.679	105	192747	45.410	ng	# 99
24) Nitrobenzene	9.055	77	129434	44.708	ng	96
25) Isophorone	9.578	82	242957	43.330	ng	96
26) 2-Nitrophenol	9.766	139	45482	45.930	ng	95
27) 2,4-Dimethylphenol	9.825	122	98186	58.412	ng	93
28) bis(2-Chloroethoxy)met...	10.065	93	141763	41.702	ng	98
29) 2,4-Dichlorophenol	10.295	162	100351	47.279	ng	97
30) 1,2,4-Trichlorobenzene	10.518	180	107016	41.766	ng	98
31) Naphthalene	10.700	128	346205	41.473	ng	99
32) Benzoic acid	9.971	122	68746m	45.164	ng	
33) 4-Chloroaniline	10.806	127	59743	19.581	ng	97
34) Hexachlorobutadiene	10.994	225	72884	43.397	ng	97
35) Caprolactam	11.570	113	41781m	51.367	ng	
36) 4-Chloro-3-methylphenol	11.928	107	124775	44.847	ng	99
37) 2-Methylnaphthalene	12.310	142	244676	41.518	ng	97
38) 1-Methylnaphthalene	12.527	142	241268	41.788	ng	98
40) 1,2,4,5-Tetrachloroben...	12.680	216	142467	46.717	ng	# 96
41) Hexachlorocyclopentadiene	12.662	237	161060	187.650	ng	99
43) 2,4,6-Trichlorophenol	12.915	196	90250	50.214	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064075.D
 Acq On : 10 Mar 2025 10:44
 Operator : RC/JU
 Sample : PB167035BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167035BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/11/2025
 Supervised By :Jagrut Upadhyay 03/11/2025

Quant Time: Mar 10 12:22:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

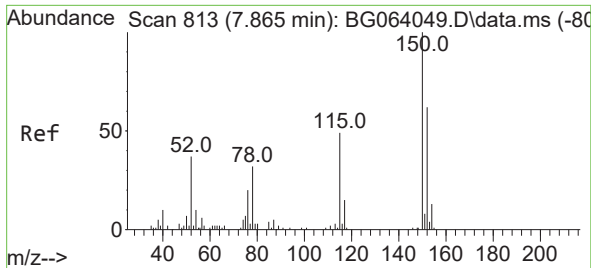
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	97202	48.673	ng	97
46) 1,1'-Biphenyl	13.320	154	393645	48.778	ng	99
47) 2-Chloronaphthalene	13.362	162	259563	44.100	ng	99
48) 2-Nitroaniline	13.561	65	91303	46.946	ng	94
49) Acenaphthylene	14.208	152	423420	45.482	ng	100
50) Dimethylphthalate	13.949	163	337492	42.802	ng	100
51) 2,6-Dinitrotoluene	14.061	165	69943	44.023	ng	98
52) Acenaphthene	14.554	154	266063	42.585	ng	99
53) 3-Nitroaniline	14.384	138	44978	29.514	ng	99
54) 2,4-Dinitrophenol	14.595	184	60584	89.770	ng	91
55) Dibenzofuran	14.889	168	417547	41.254	ng	100
56) 4-Nitrophenol	14.695	139	130121	101.809	ng	94
57) 2,4-Dinitrotoluene	14.848	165	102503	46.559	ng	# 97
58) Fluorene	15.535	166	338764	42.973	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.112	232	92576m	47.550	ng	
60) Diethylphthalate	15.318	149	362756	42.379	ng	99
61) 4-Chlorophenyl-phenyle...	15.535	204	166039	42.385	ng	92
62) 4-Nitroaniline	15.553	138	75579	45.936	ng	93
63) Azobenzene	15.823	77	371087	40.626	ng	98
65) 4,6-Dinitro-2-methylph...	15.612	198	47302	46.799	ng	89
66) n-Nitrosodiphenylamine	15.747	169	299630	45.004	ng	99
67) 4-Bromophenyl-phenylether	16.423	248	112186	46.570	ng	92
68) Hexachlorobenzene	16.534	284	120627	44.727	ng	95
69) Atrazine	16.699	200	133132	67.961	ng	93
70) Pentachlorophenol	16.881	266	153962	91.945	ng	97
71) Phenanthrene	17.269	178	559131	44.568	ng	100
72) Anthracene	17.363	178	576746	46.233	ng	98
73) Carbazole	17.627	167	514613	44.184	ng	99
74) Di-n-butylphthalate	18.203	149	619724	45.203	ng	99
75) Fluoranthene	19.278	202	653932	43.237	ng	98
77) Benzidine	19.460	184	190171	57.898	ng	97
78) Pyrene	19.642	202	682286	44.621	ng	98
80) Butylbenzylphthalate	20.541	149	267979	46.803	ng	96
81) Benzo(a)anthracene	21.440	228	697575	45.909	ng	97
82) 3,3'-Dichlorobenzidine	21.364	252	155510	31.624	ng	98
83) Chrysene	21.505	228	678619	44.780	ng	99
84) Bis(2-ethylhexyl)phtha...	21.376	149	414970	50.498	ng	98
85) Di-n-octyl phthalate	22.521	149	710281	50.112	ng	99
87) Indeno(1,2,3-cd)pyrene	27.874	276	806871	47.234	ng	98
88) Benzo(b)fluoranthene	23.526	252	671571	43.511	ng	97
89) Benzo(k)fluoranthene	23.591	252	697549	45.050	ng	98
90) Benzo(a)pyrene	24.331	252	655055	47.655	ng	98
91) Dibenzo(a,h)anthracene	27.939	278	675312	47.685	ng	99
92) Benzo(g,h,i)perylene	28.932	276	632964	43.532	ng	96

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

Manual Integrations

Quant Time: Mar 10 12:22:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 813
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

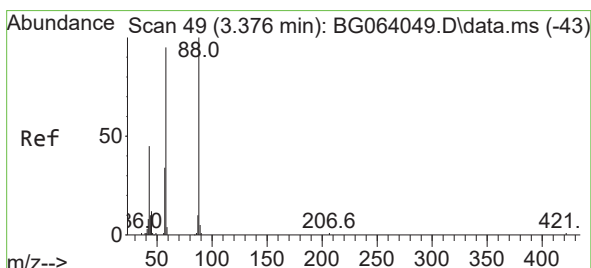
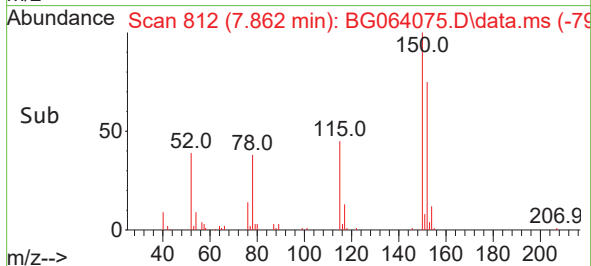
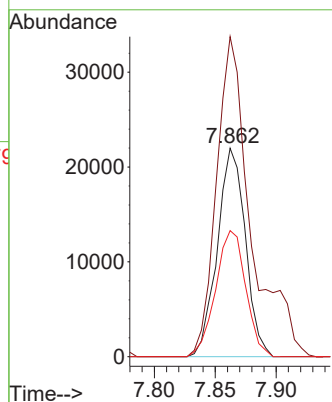
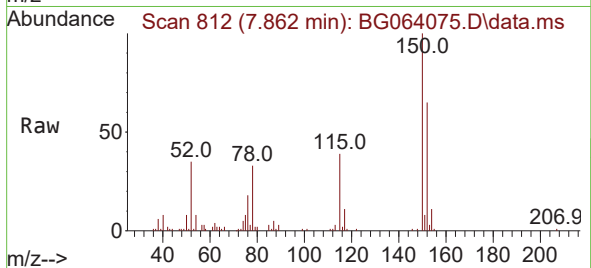
PB167035BS

Tgt Ion:152 Resp: 35194
Ion Ratio Lower Upper
152 100
150 153.5 129.2 193.8
115 60.4 63.0 94.6

Manual Integrations

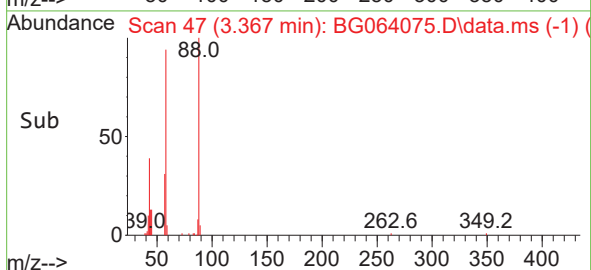
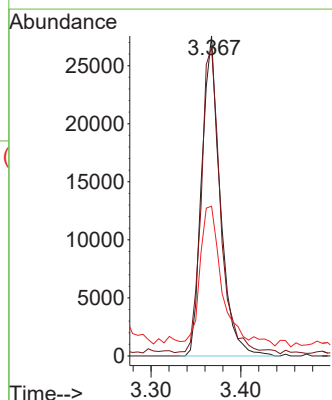
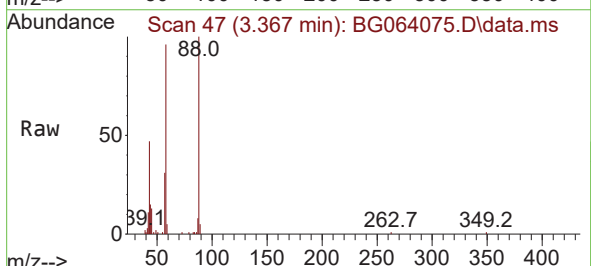
APPROVED

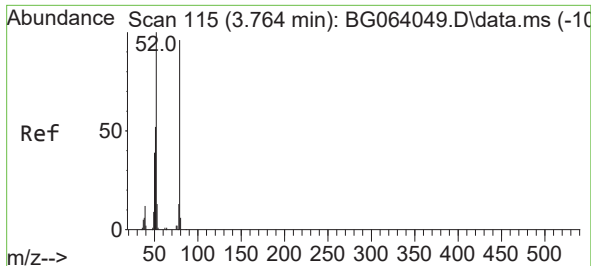
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#2
1,4-Dioxane
Concen: 38.518 ng
RT: 3.367 min Scan# 47
Delta R.T. -0.008 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion: 88 Resp: 39346
Ion Ratio Lower Upper
88 100
58 100.2 74.6 111.8
43 46.3 35.5 53.3





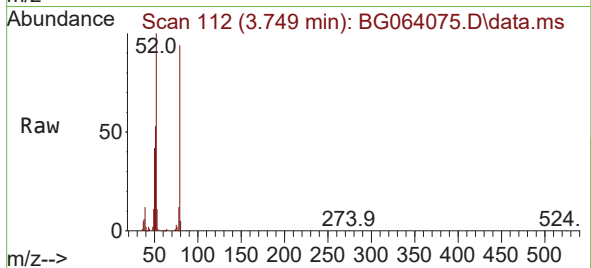
#3
Pyridine
Concen: 39.216 ng
RT: 3.749 min Scan# 115
Delta R.T. -0.014 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

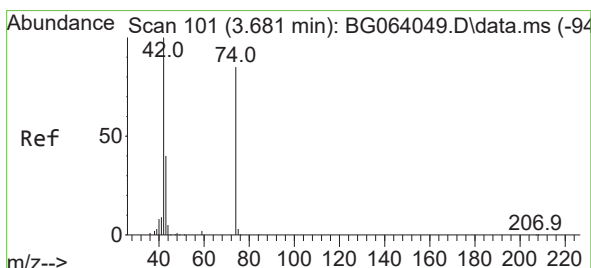
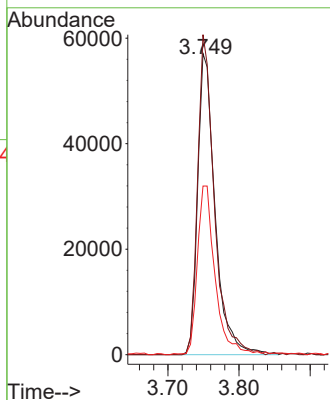
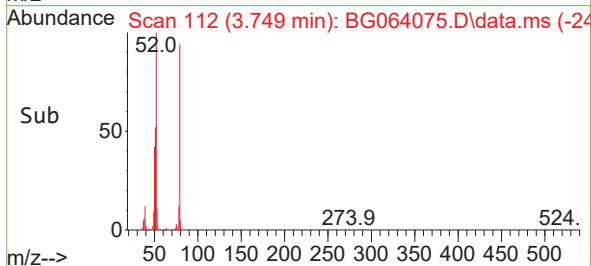
PB167035BS



Tgt Ion: 79 Resp: 9742
Ion Ratio Lower Upper
79 100
52 106.2 83.0 124.6
51 56.0 44.3 66.5

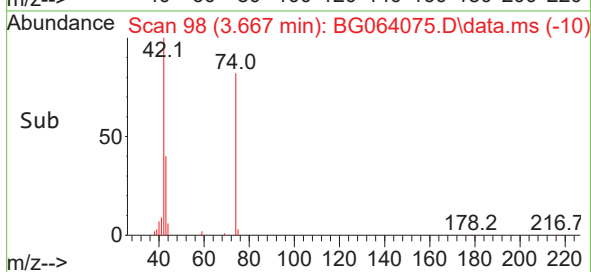
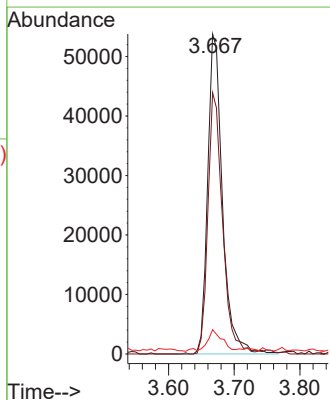
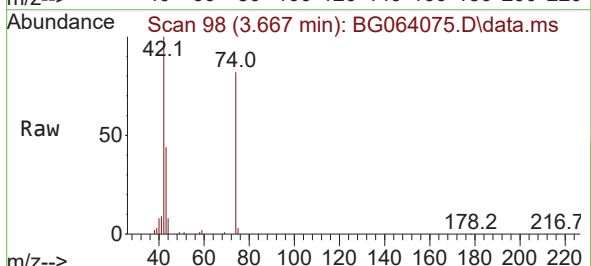
Manual Integrations
APPROVED

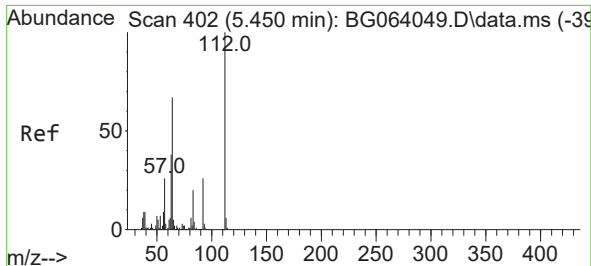
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#4
n-Nitrosodimethylamine
Concen: 47.515 ng
RT: 3.667 min Scan# 98
Delta R.T. -0.014 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

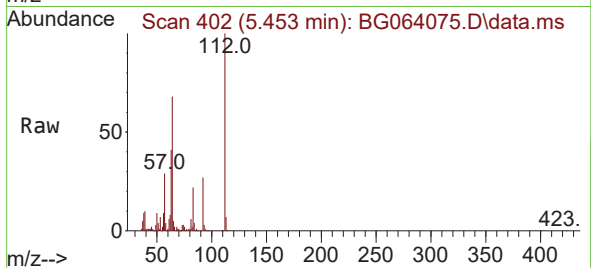
Tgt Ion: 42 Resp: 84337
Ion Ratio Lower Upper
42 100
74 81.6 68.0 102.0
44 7.6 4.9 7.3





#5
2-Fluorophenol
Concen: 138.503 ng
RT: 5.453 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

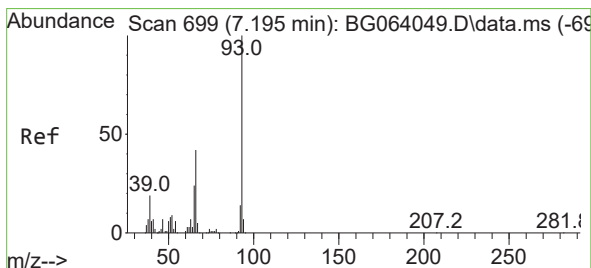
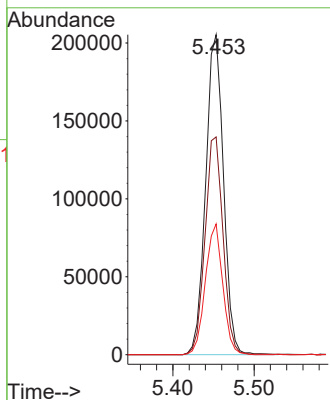
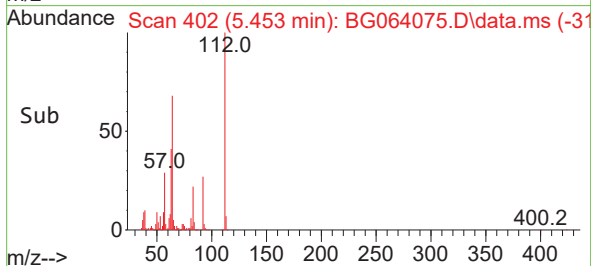
Instrument :
BNA_G
ClientSampleId :
PB167035BS



Tgt Ion:112 Resp: 312170
Ion Ratio Lower Upper
112 100
64 68.0 53.7 80.5
63 40.9 30.2 45.4

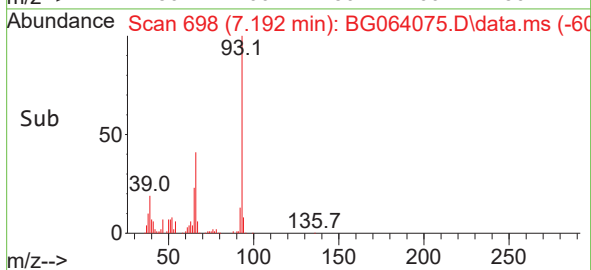
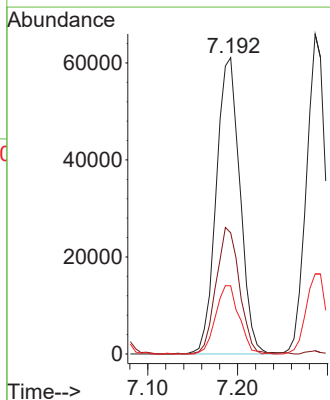
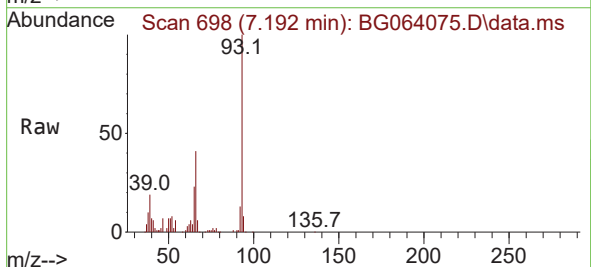
Manual Integrations
APPROVED

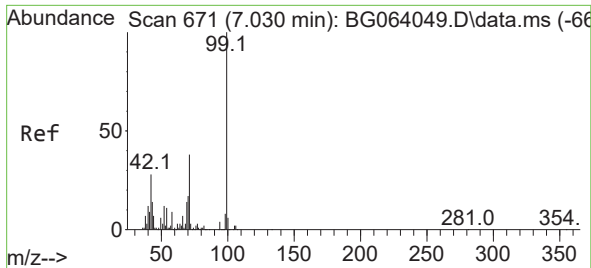
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#6
Aniline
Concen: 37.230 ng
RT: 7.192 min Scan# 698
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

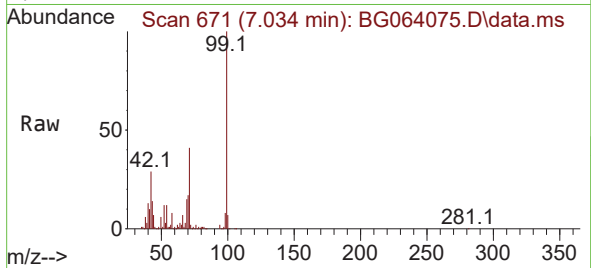
Tgt Ion: 93 Resp: 112017
Ion Ratio Lower Upper
93 100
66 40.9 33.7 50.5
65 23.0 19.1 28.7





#7
Phenol-d6
Concen: 136.817 ng
RT: 7.034 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

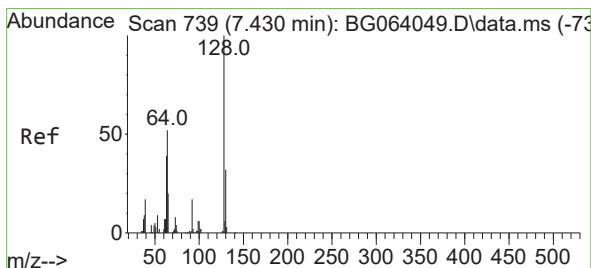
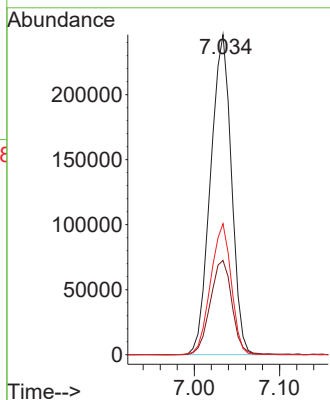
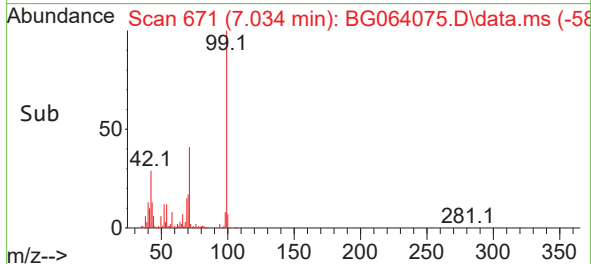
Instrument :
BNA_G
ClientSampleId :
PB167035BS



Tgt Ion: 99 Resp: 419514
Ion Ratio Lower Upper
99 100
42 29.4 22.7 34.1
71 40.9 30.6 46.0

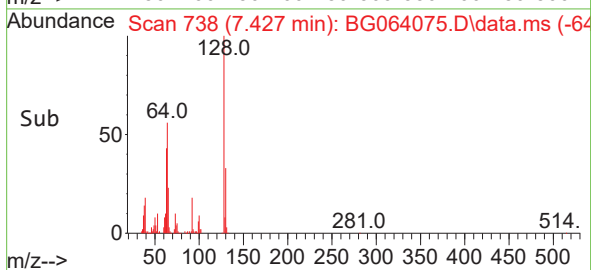
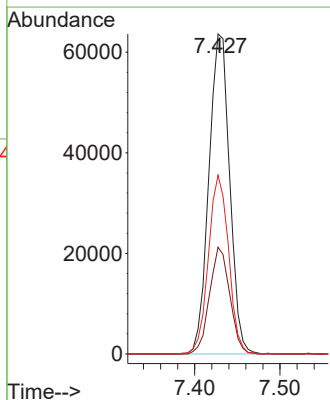
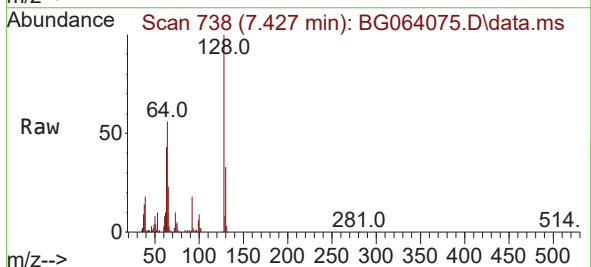
Manual Integrations
APPROVED

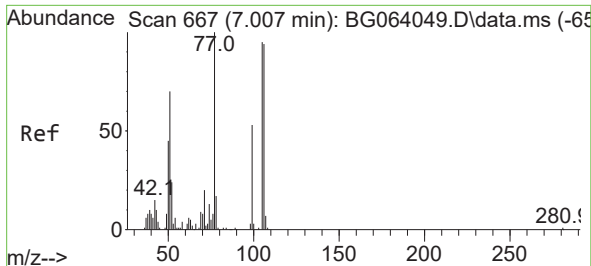
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#8
2-Chlorophenol
Concen: 44.532 ng
RT: 7.427 min Scan# 738
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

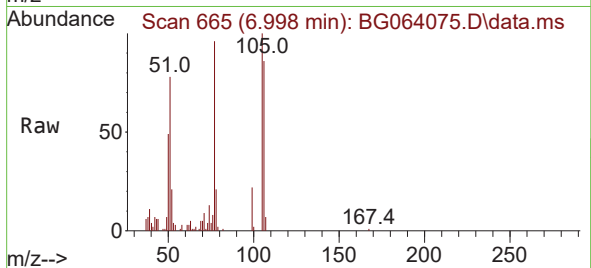
Tgt Ion:128 Resp: 107800
Ion Ratio Lower Upper
128 100
130 33.4 12.3 52.3
64 55.8 37.0 77.0





#9
Benzaldehyde
Concen: 21.489 ng m
RT: 6.998 min Scan# 665
Delta R.T. -0.009 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

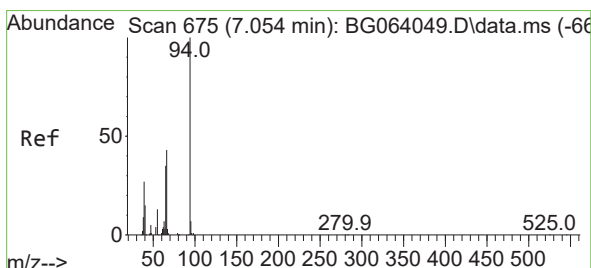
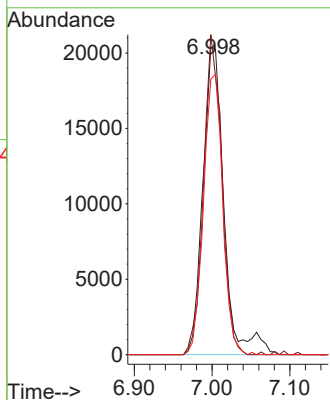
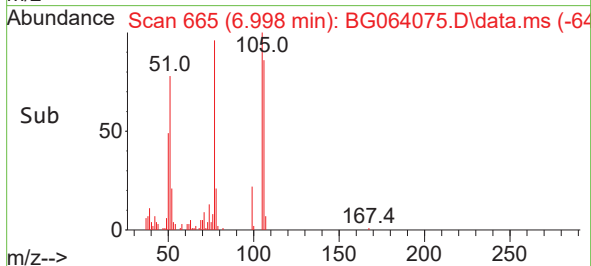
Instrument :
BNA_G
ClientSampleId :
PB167035BS



Tgt Ion: 77 Resp: 3832
Ion Ratio Lower Upper
77 100
105 104.0 75.5 115.5
106 89.5 74.2 114.2

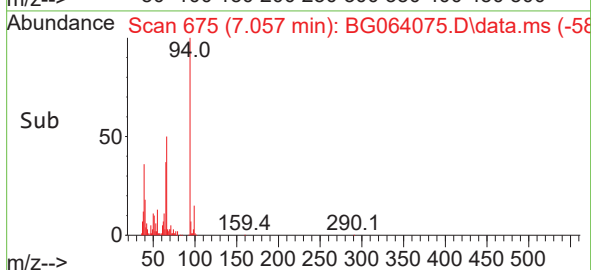
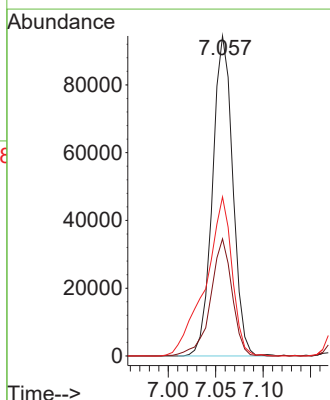
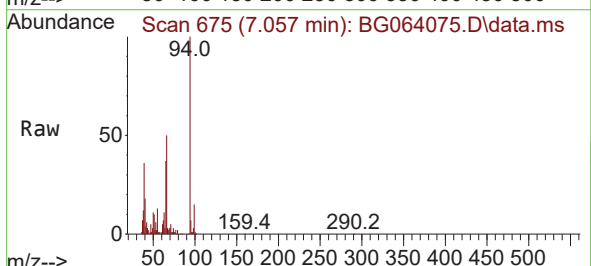
Manual Integrations
APPROVED

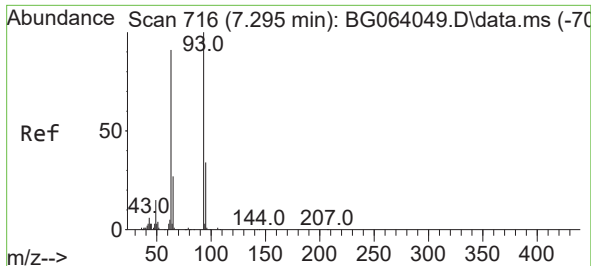
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#10
Phenol
Concen: 44.812 ng
RT: 7.057 min Scan# 675
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion: 94 Resp: 140681
Ion Ratio Lower Upper
94 100
65 36.6 15.2 55.2
66 49.7 25.1 65.1





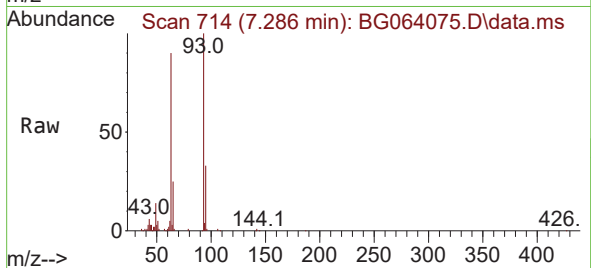
#11
bis(2-Chloroethyl)ether
Concen: 40.578 ng
RT: 7.286 min Scan# 716
Delta R.T. -0.008 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

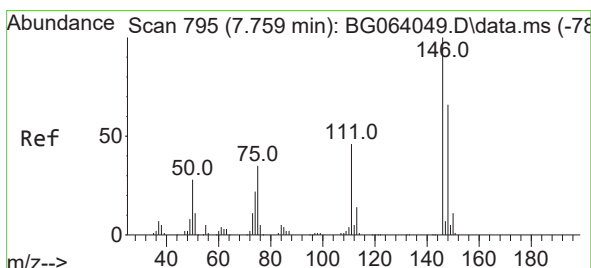
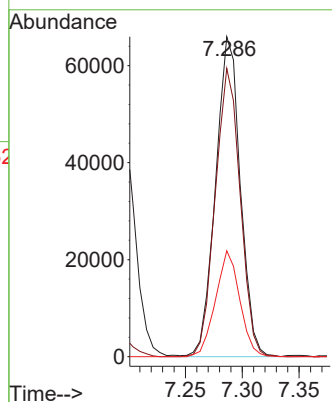


Tgt Ion: 93 Resp: 9987
Ion Ratio Lower Upper
93 100
63 90.1 70.0 110.0
95 33.1 13.7 53.7

Manual Integrations

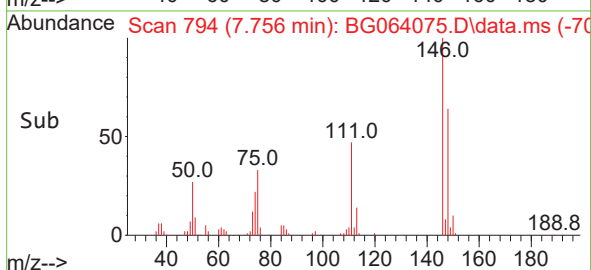
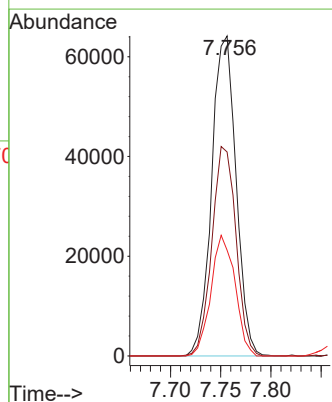
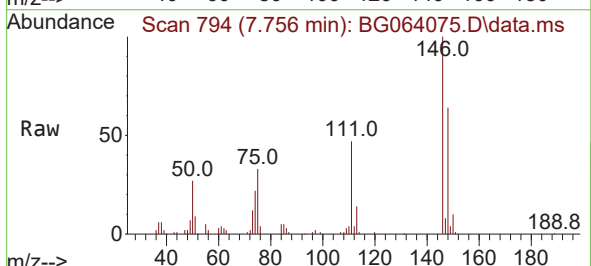
APPROVED

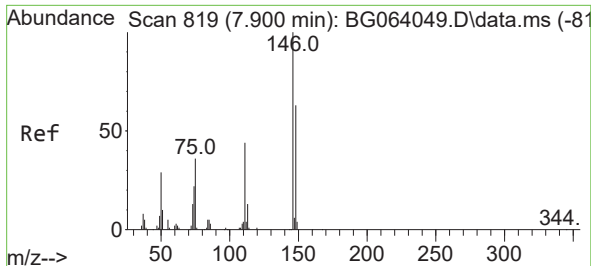
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#12
1,3-Dichlorobenzene
Concen: 40.776 ng
RT: 7.756 min Scan# 794
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:146 Resp: 108395
Ion Ratio Lower Upper
146 100
148 63.7 52.6 78.8
75 33.0 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 41.159 ng

RT: 7.897 min Scan# 819

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

Tgt Ion:146 Resp: 112149

Ion Ratio Lower Upper

146 100

148 61.9 50.6 75.8

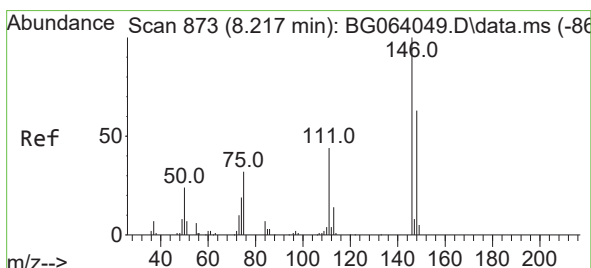
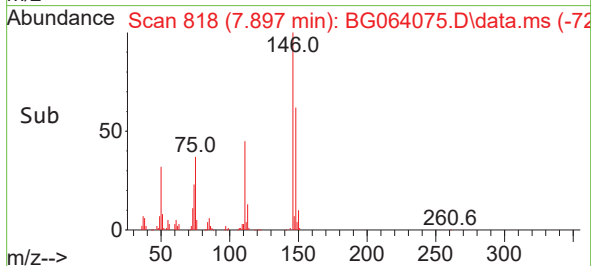
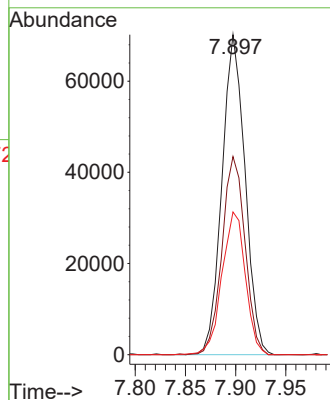
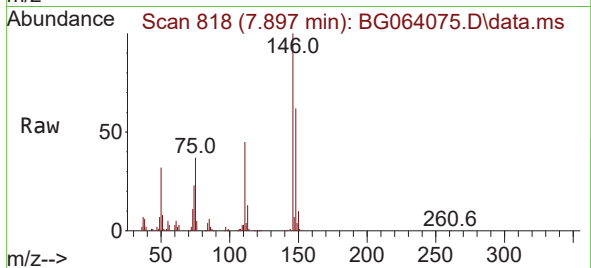
111 44.6 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#14

1,2-Dichlorobenzene

Concen: 41.200 ng

RT: 8.215 min Scan# 872

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

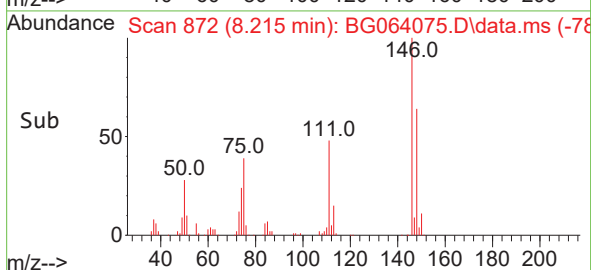
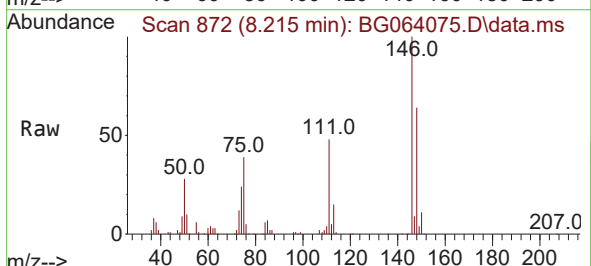
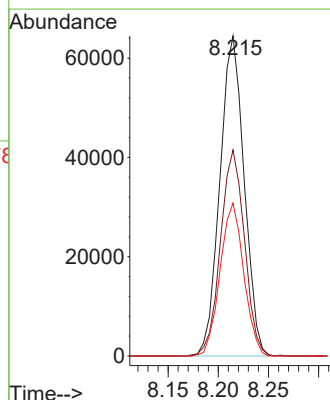
Tgt Ion:146 Resp: 108249

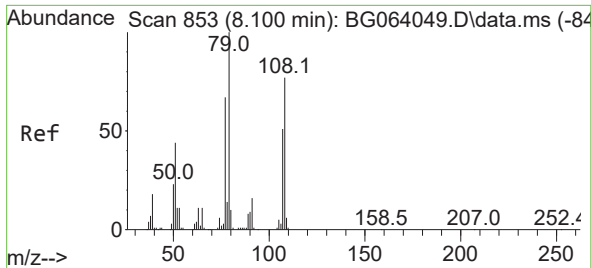
Ion Ratio Lower Upper

146 100

148 64.4 50.2 75.2

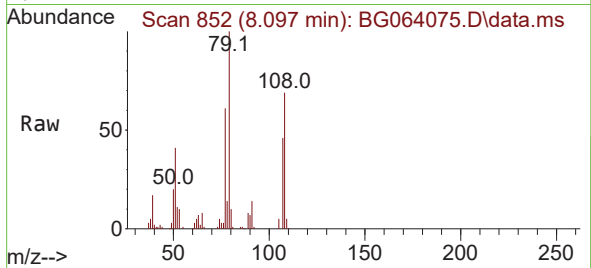
111 47.7 36.4 54.6





#15
Benzyl Alcohol
Concen: 45.059 ng
RT: 8.097 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

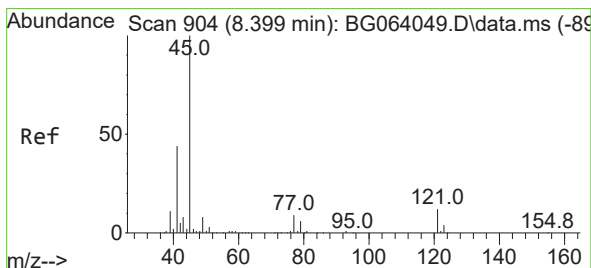
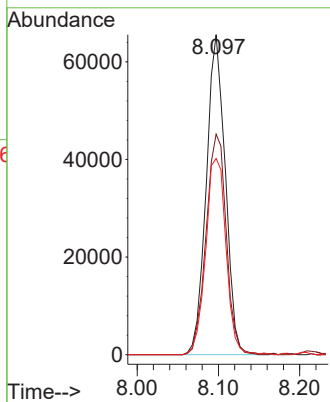
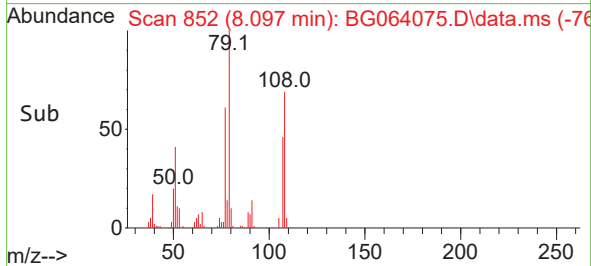
Instrument :
BNA_G
ClientSampleId :
PB167035BS



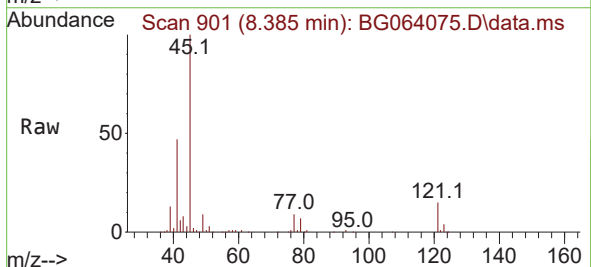
Tgt Ion: 79 Resp: 10676
Ion Ratio Lower Upper
79 100
108 68.9 61.7 92.5
77 61.3 53.9 80.9

Manual Integrations
APPROVED

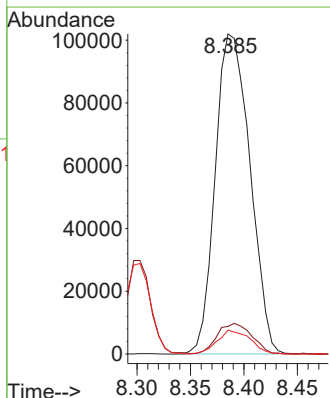
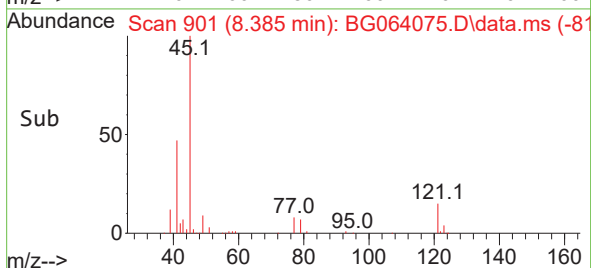
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

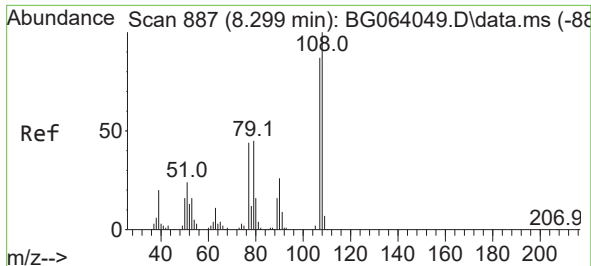


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.598 ng m
RT: 8.385 min Scan# 901
Delta R.T. -0.014 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44



Tgt Ion: 45 Resp: 230210
Ion Ratio Lower Upper
45 100
77 8.6 0.0 29.0
79 7.5 0.0 26.6





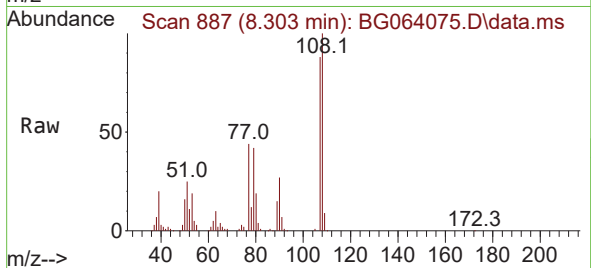
#17
2-Methylphenol
Concen: 45.577 ng
RT: 8.303 min Scan# 887
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

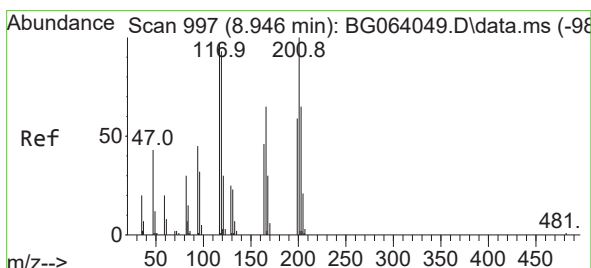
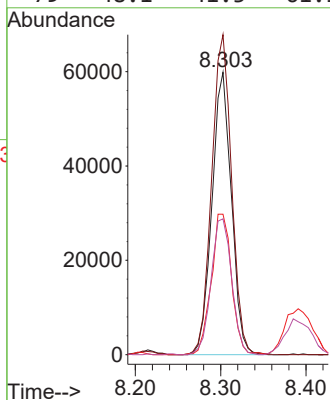
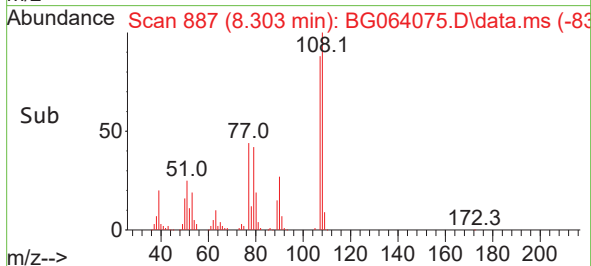


Tgt Ion:	107	Resp:	9496
Ion Ratio	Lower	Upper	
107	100		
108	113.3	92.5	138.7
77	49.7	40.5	60.7
79	48.1	41.3	61.9

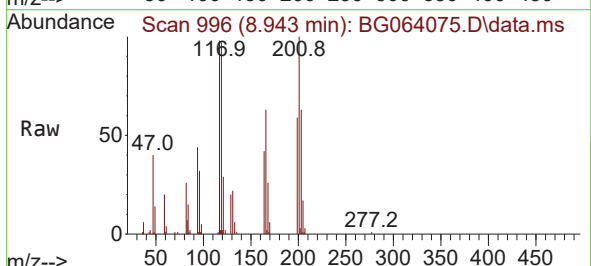
Manual Integrations

APPROVED

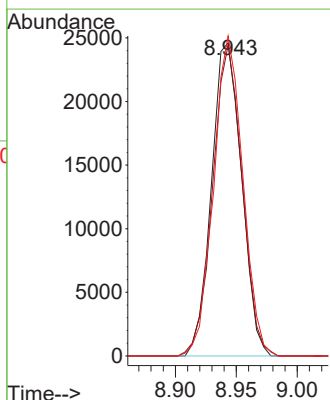
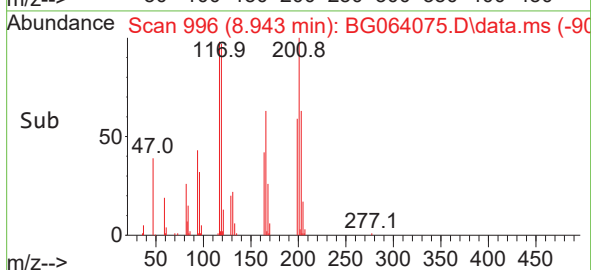
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

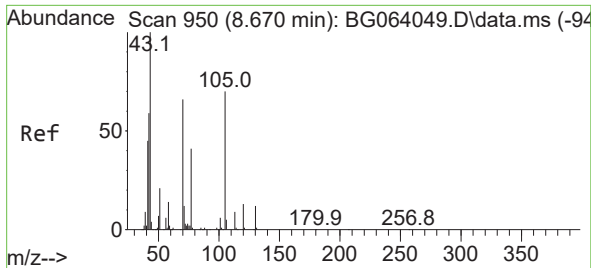


#18
Hexachloroethane
Concen: 44.309 ng
RT: 8.943 min Scan# 996
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44



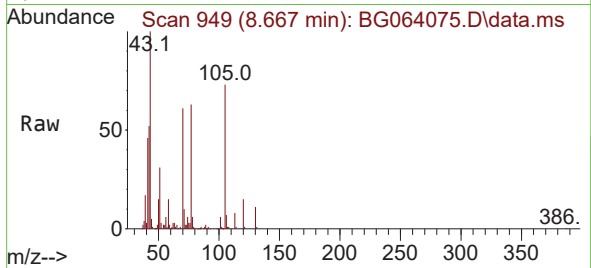
Tgt Ion:	117	Resp:	42241
Ion Ratio	Lower	Upper	
117	100		
119	99.3	76.2	114.2
201	102.2	81.5	122.3





#19
n-Nitroso-di-n-propylamine
Concen: 41.135 ng
RT: 8.667 min Scan# 949
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

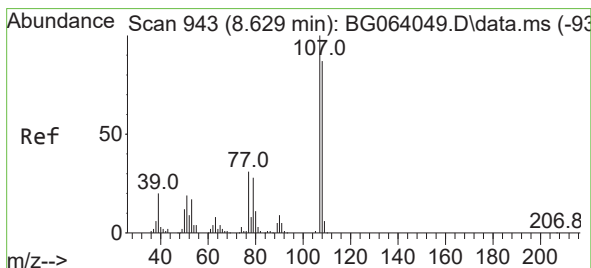
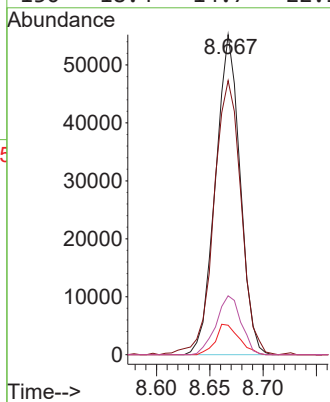
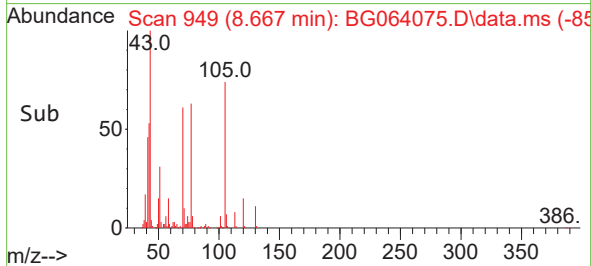
Instrument :
BNA_G
ClientSampleId :
PB167035BS



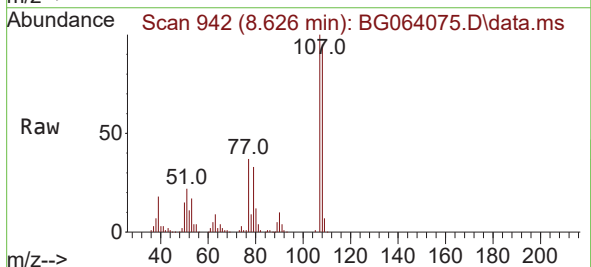
Tgt Ion: 70 Resp: 88518
Ion Ratio Lower Upper
70 100
42 85.6 72.1 108.1
101 9.2 7.2 10.8
130 18.4 14.7 22.1

Manual Integrations
APPROVED

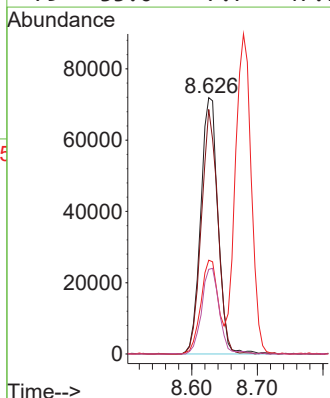
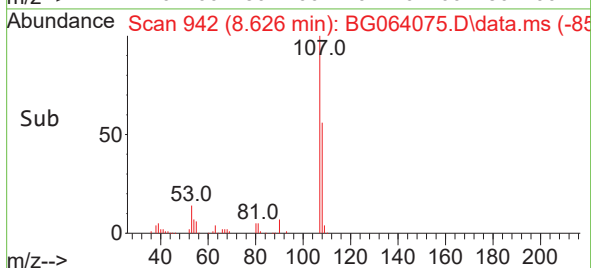
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

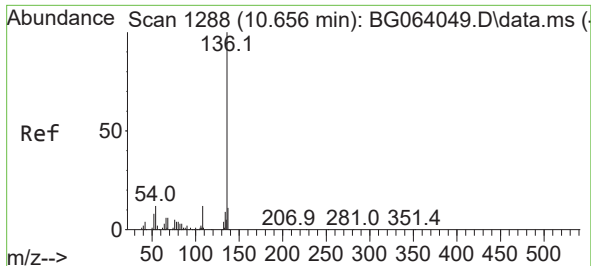


#20
3+4-Methylphenols
Concen: 46.044 ng
RT: 8.626 min Scan# 942
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44



Tgt Ion:107 Resp: 132073
Ion Ratio Lower Upper
107 100
108 95.4 67.0 107.0
77 36.6 11.2 51.2
79 33.0 7.7 47.7





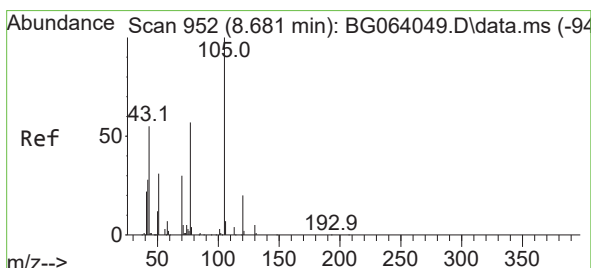
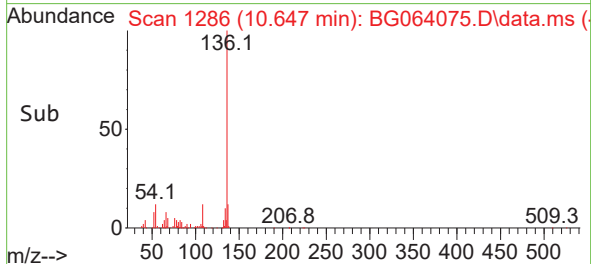
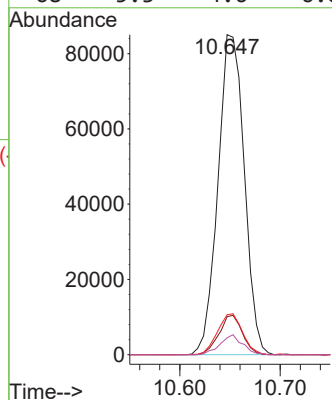
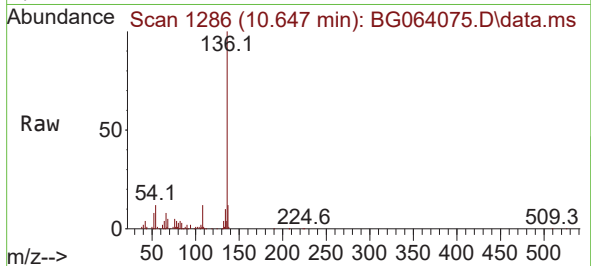
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 1286
Delta R.T. -0.009 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :
BNA_G
ClientSampleId :
PB167035BS

Tgt Ion:136 Resp: 154810
Ion Ratio Lower Upper
136 100
137 11.9 8.5 12.7
54 12.5 9.9 14.9
68 5.3 4.6 6.8

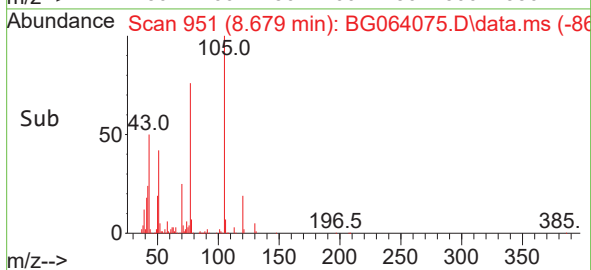
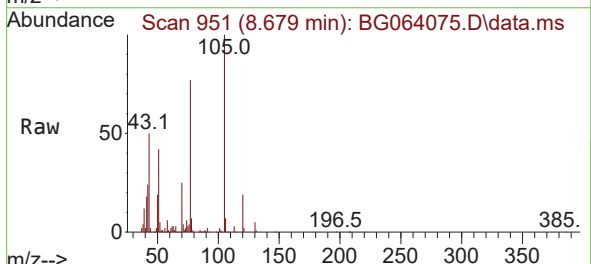
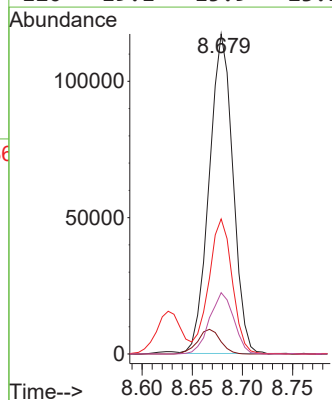
Manual Integrations
APPROVED

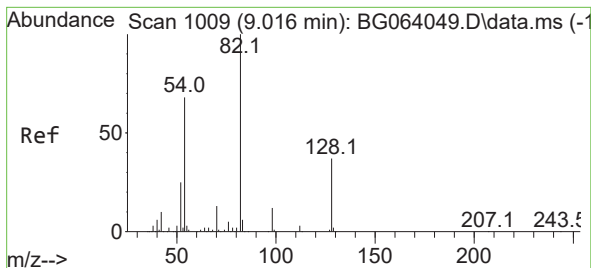
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#22
Acetophenone
Concen: 45.410 ng
RT: 8.679 min Scan# 951
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:105 Resp: 192747
Ion Ratio Lower Upper
105 100
71 3.8 4.2 6.4#
51 42.2 33.3 49.9
120 19.1 15.9 23.9





#23
Nitrobenzene-d5
Concen: 96.830 ng
RT: 9.014 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

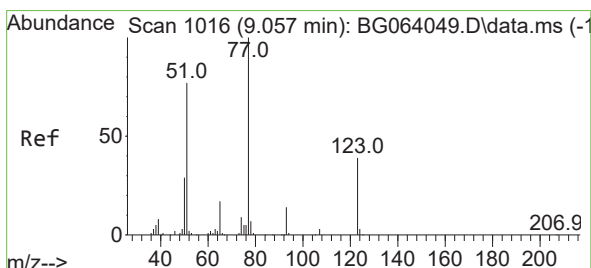
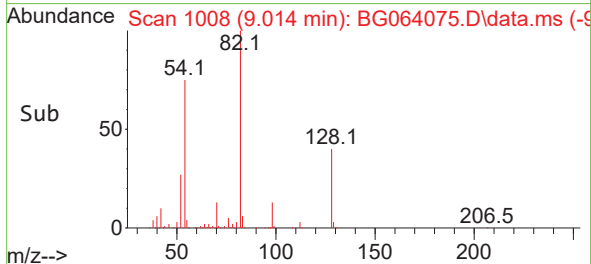
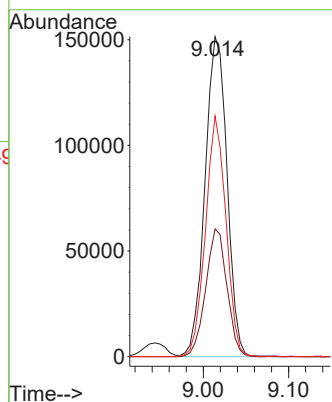
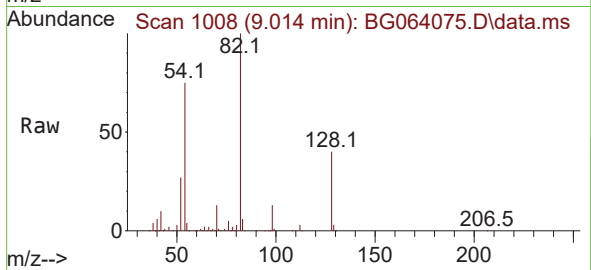
PB167035BS

Tgt Ion: 82 Resp: 27125
Ion Ratio Lower Upper
82 100
128 40.0 30.0 45.0
54 75.2 54.7 82.1

Manual Integrations

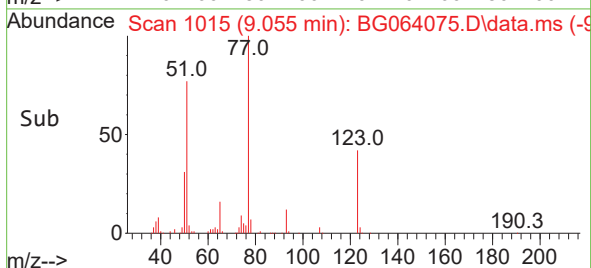
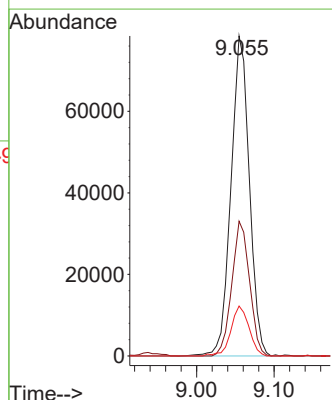
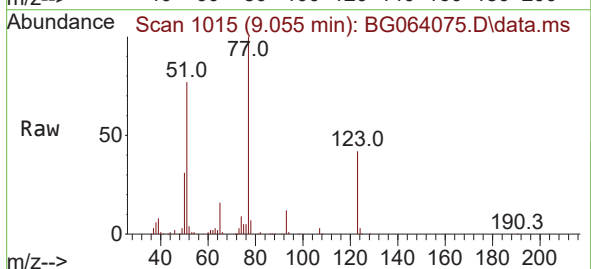
APPROVED

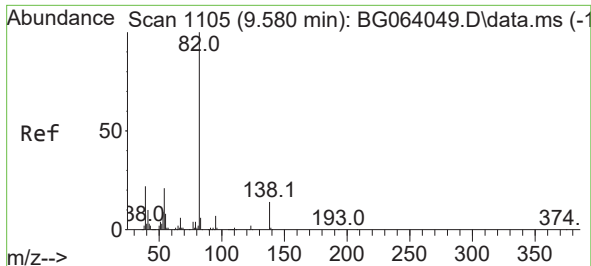
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#24
Nitrobenzene
Concen: 44.708 ng
RT: 9.055 min Scan# 1015
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

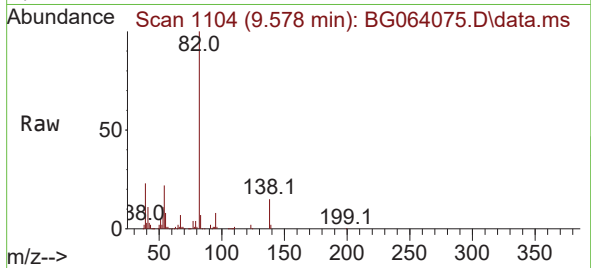
Tgt Ion: 77 Resp: 129434
Ion Ratio Lower Upper
77 100
123 42.1 31.4 47.2
65 15.6 13.4 20.0





#25
Isophorone
Concen: 43.330 ng
RT: 9.578 min Scan# 1104
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

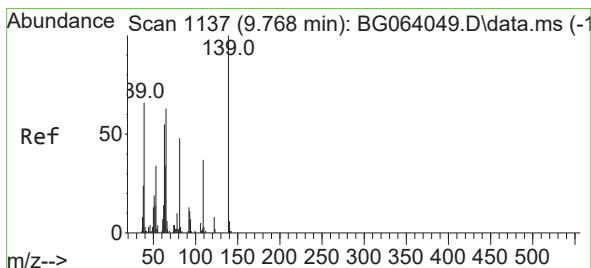
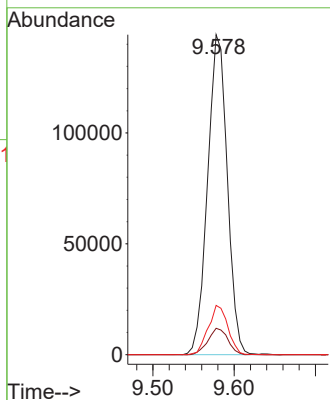
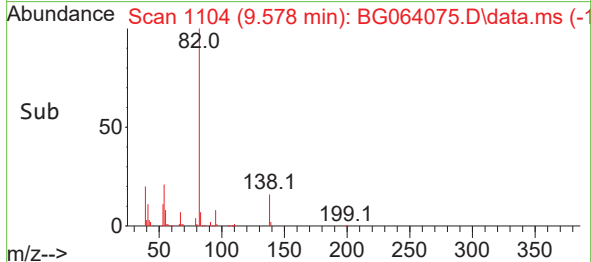
Instrument :
BNA_G
ClientSampleId :
PB167035BS



Tgt Ion: 82 Resp: 24295
Ion Ratio Lower Upper
82 100
95 8.2 5.8 8.8
138 15.4 10.9 16.3

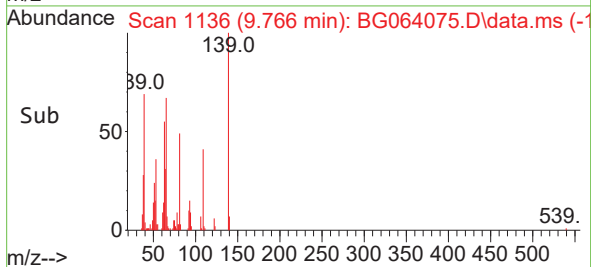
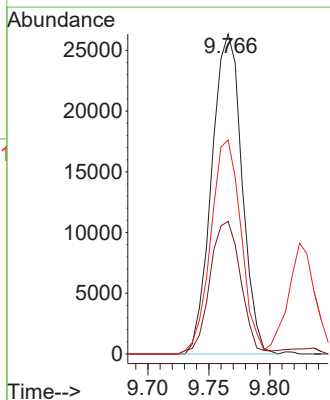
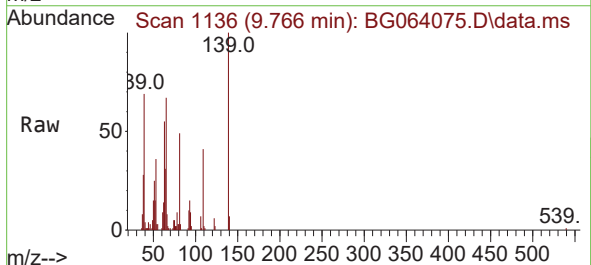
Manual Integrations
APPROVED

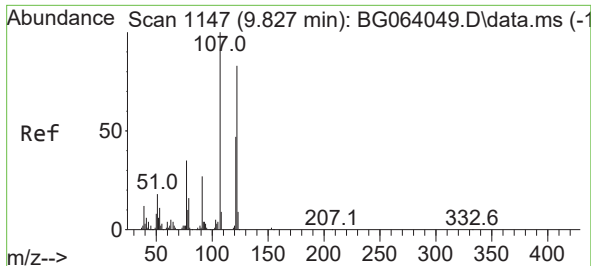
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#26
2-Nitrophenol
Concen: 45.930 ng
RT: 9.766 min Scan# 1136
Delta R.T. -0.002 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:139 Resp: 45482
Ion Ratio Lower Upper
139 100
109 41.5 29.9 44.9
65 66.9 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 58.412 ng

RT: 9.825 min Scan# 1146

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

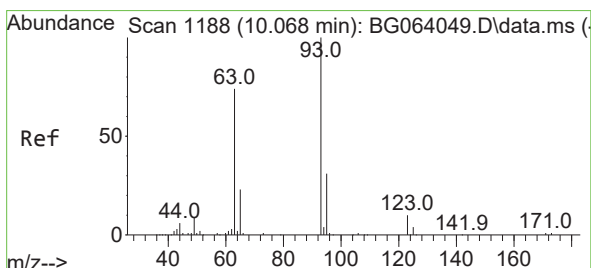
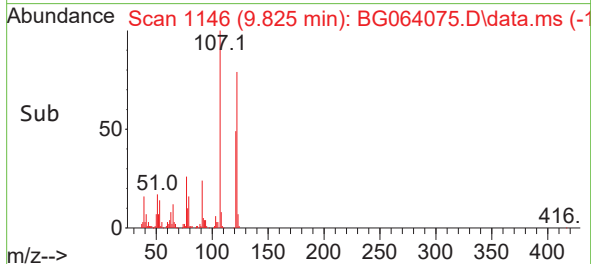
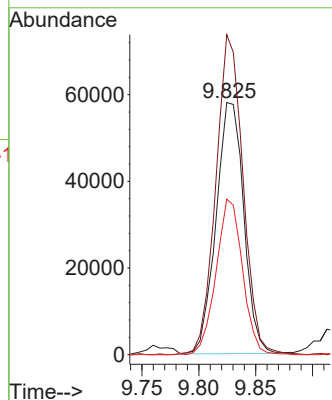
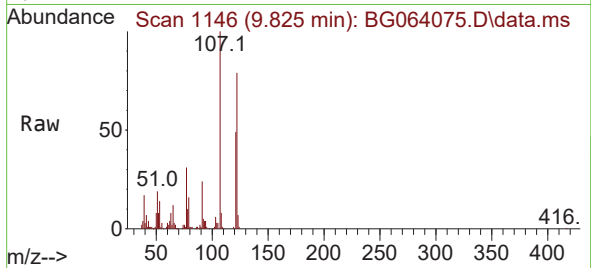
PB167035BS

Tgt Ion:	122	Resp:	98180
Ion	Ratio	Lower	Upper
122	100		
107	126.9	95.4	143.0
121	61.7	44.9	67.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.702 ng

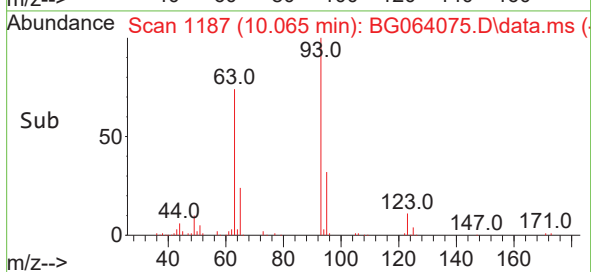
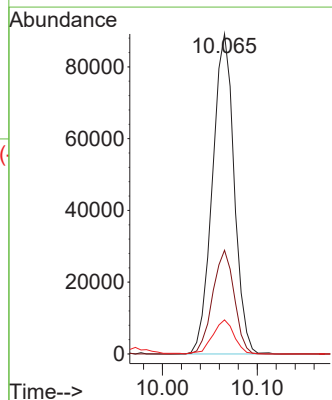
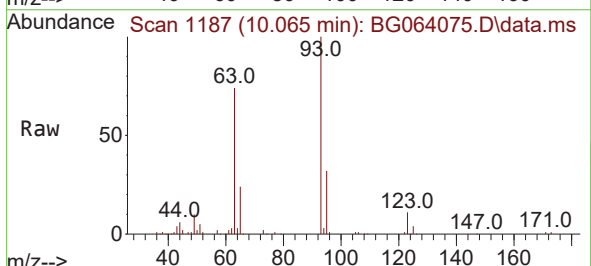
RT: 10.065 min Scan# 1187

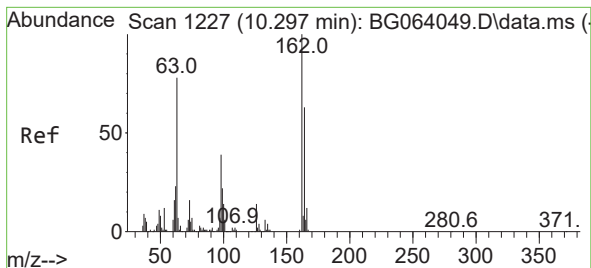
Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Tgt Ion:	93	Resp:	141763
Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.0	37.4
123	10.6	7.6	11.4





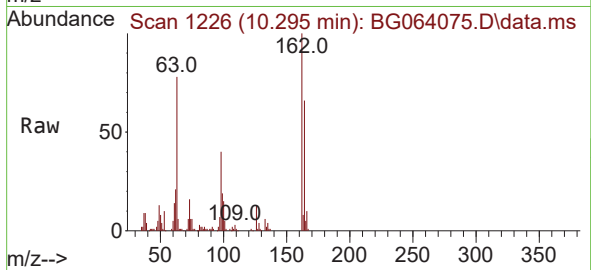
#29
2,4-Dichlorophenol
Concen: 47.279 ng
RT: 10.295 min Scan# 1226
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

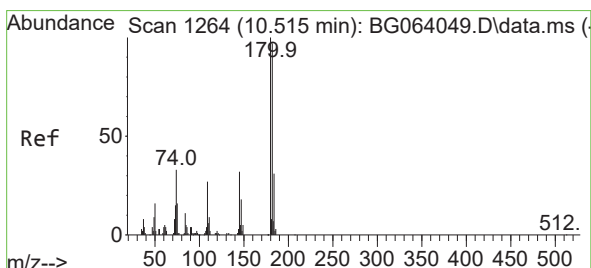
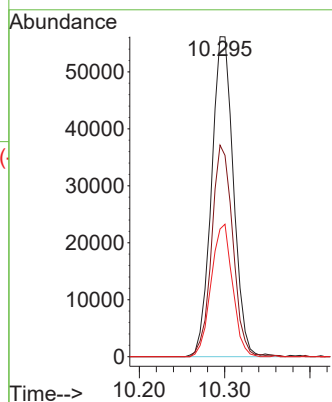
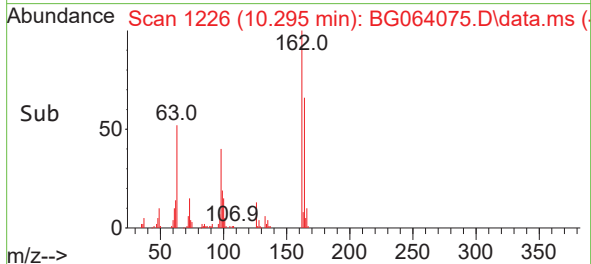


Tgt Ion:162 Resp: 10035
Ion Ratio Lower Upper
162 100
164 66.1 42.8 82.8
98 39.9 19.1 59.1

Manual Integrations

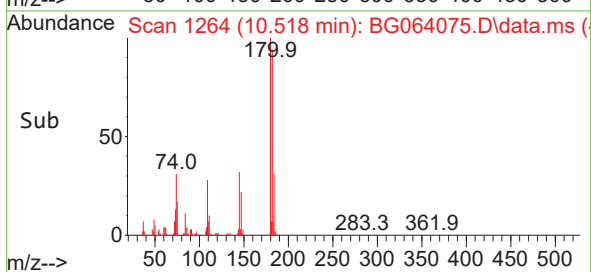
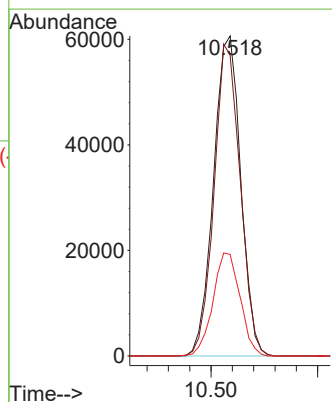
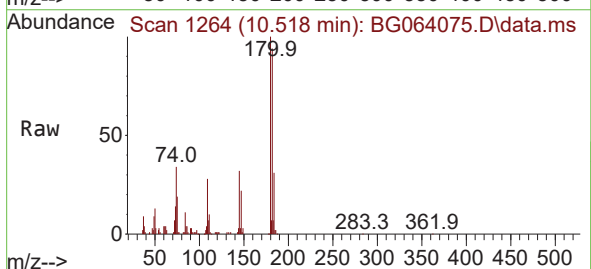
APPROVED

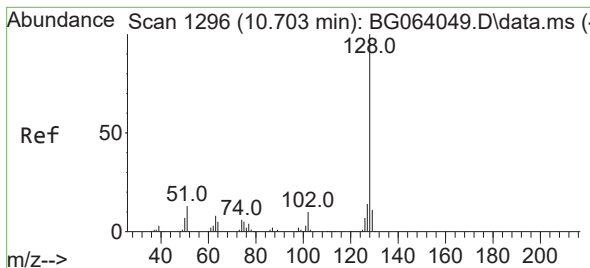
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#30
1,2,4-Trichlorobenzene
Concen: 41.766 ng
RT: 10.518 min Scan# 1264
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:180 Resp: 107016
Ion Ratio Lower Upper
180 100
182 93.9 77.3 115.9
145 31.8 25.2 37.8





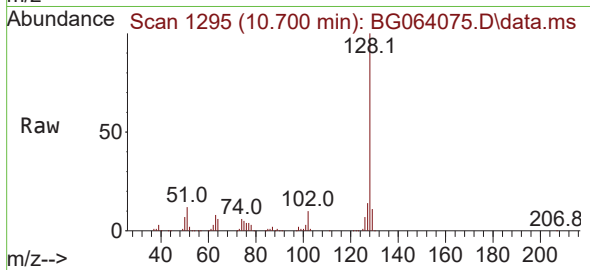
#31
Naphthalene
Concen: 41.473 ng
RT: 10.700 min Scan# 1170
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

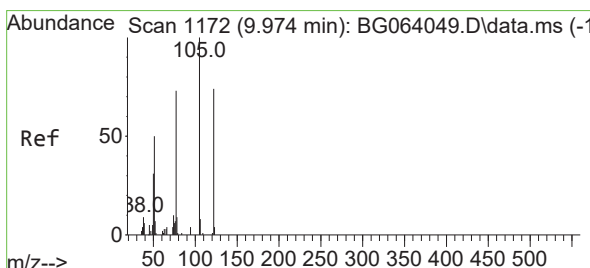
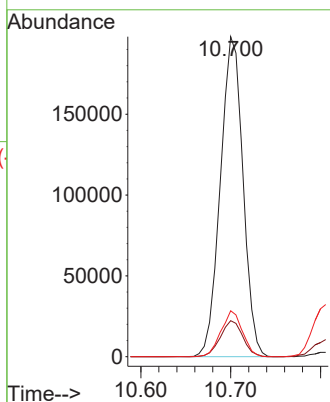
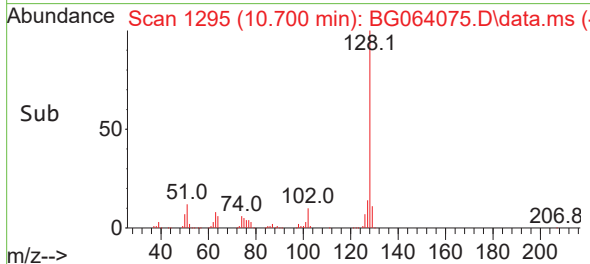


Tgt Ion:128 Resp: 34620
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 14.4 11.1 16.7

Manual Integrations

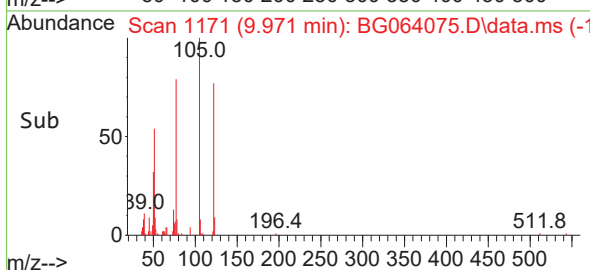
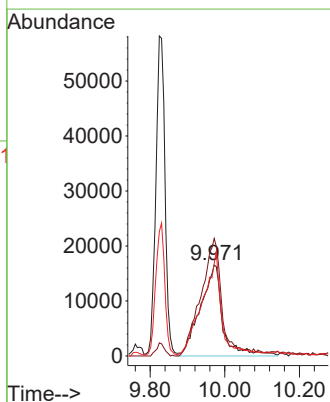
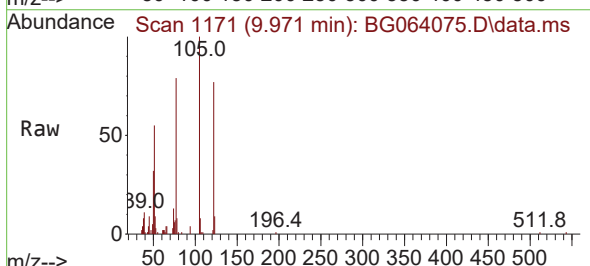
APPROVED

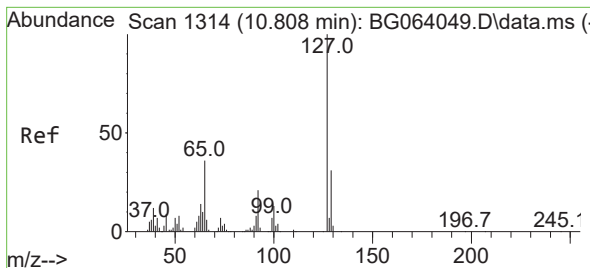
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#32
Benzoic acid
Concen: 45.164 ng m
RT: 9.971 min Scan# 1171
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:122 Resp: 68746
Ion Ratio Lower Upper
122 100
105 129.2 115.0 155.0
77 101.6 80.9 120.9





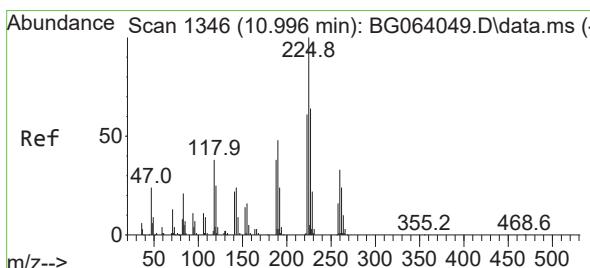
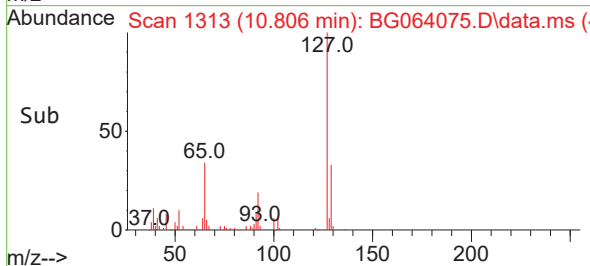
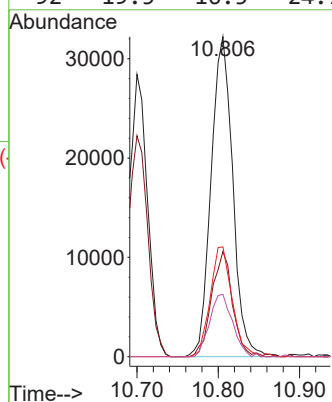
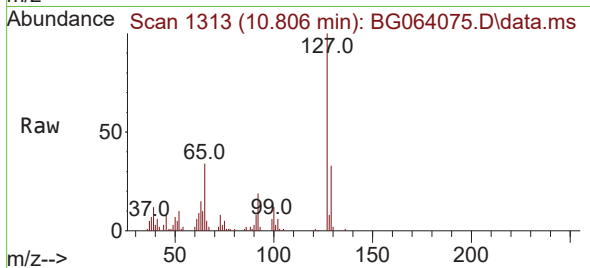
#33
4-Chloroaniline
Concen: 19.581 ng
RT: 10.806 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :
BNA_G
ClientSampleId :
PB167035BS

Tgt Ion:127	Resp:	5974
Ion Ratio	Lower	Upper
127 100		
129 32.9	25.0	37.4
65 34.3	28.5	42.7
92 19.5	16.5	24.7

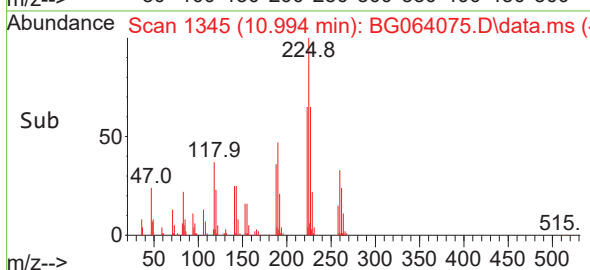
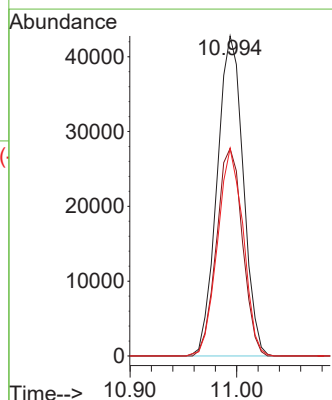
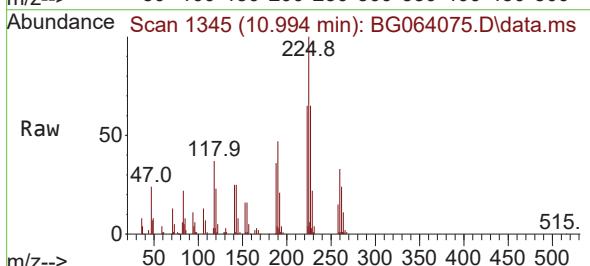
Manual Integrations
APPROVED

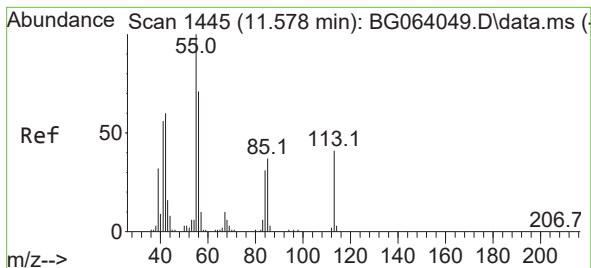
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#34
Hexachlorobutadiene
Concen: 43.397 ng
RT: 10.994 min Scan# 1345
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

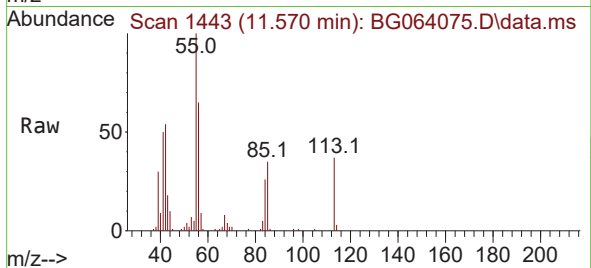
Tgt Ion:225	Resp:	72884
Ion Ratio	Lower	Upper
225 100		
223 64.9	48.5	72.7
227 64.9	51.0	76.6





#35
Caprolactam
Concen: 51.367 ng m
RT: 11.570 min Scan# 14
Delta R.T. -0.008 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

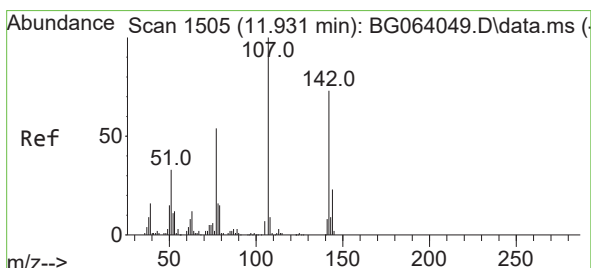
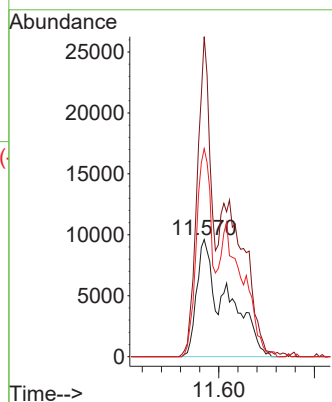
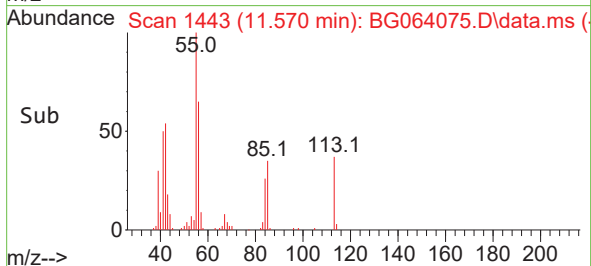
Instrument :
BNA_G
ClientSampleId :
PB167035BS



Tgt Ion:113 Resp: 4178
Ion Ratio Lower Upper
113 100
55 273.2 225.2 265.2
56 177.6 153.4 193.4

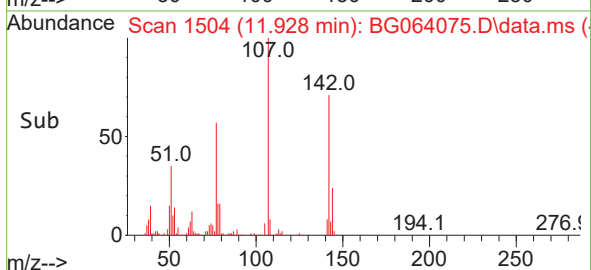
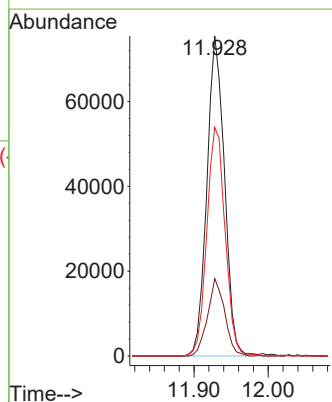
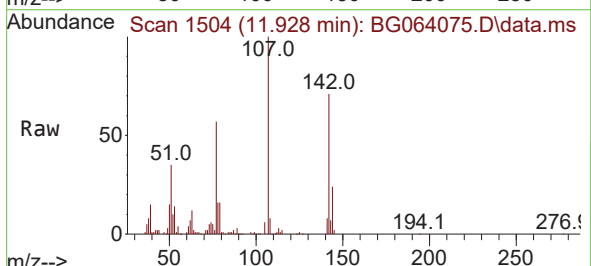
Manual Integrations
APPROVED

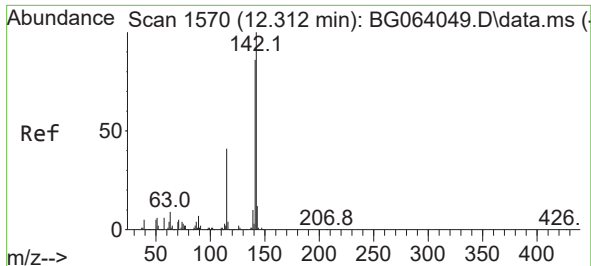
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#36
4-Chloro-3-methylphenol
Concen: 44.847 ng
RT: 11.928 min Scan# 1504
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

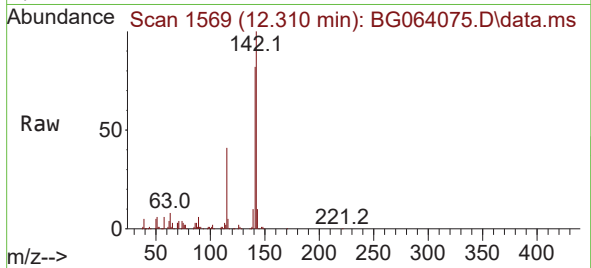
Tgt Ion:107 Resp: 124775
Ion Ratio Lower Upper
107 100
144 24.1 18.6 28.0
142 71.4 58.0 87.0





#37
2-Methylnaphthalene
Concen: 41.518 ng
RT: 12.310 min Scan# 1569
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

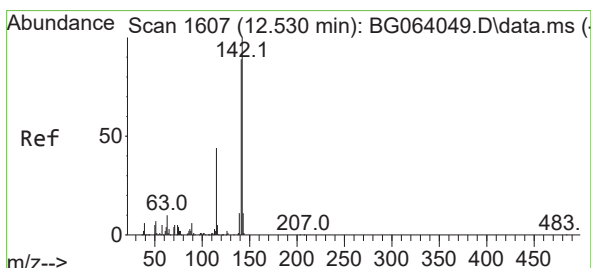
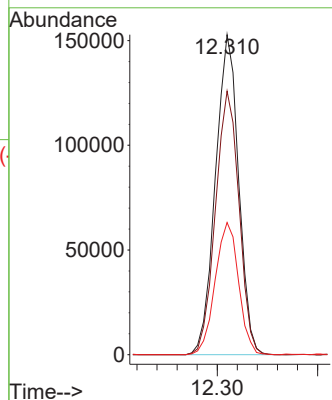
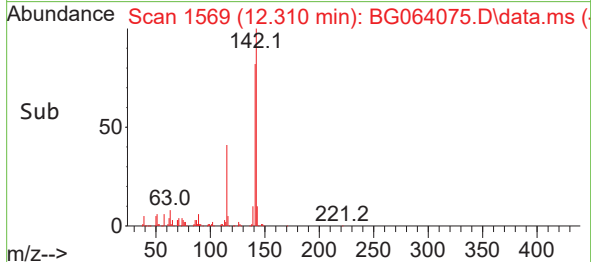
Instrument :
BNA_G
ClientSampleId :
PB167035BS



Tgt Ion:142 Resp: 244670
Ion Ratio Lower Upper
142 100
141 82.3 68.6 103.0
115 41.3 32.8 49.2

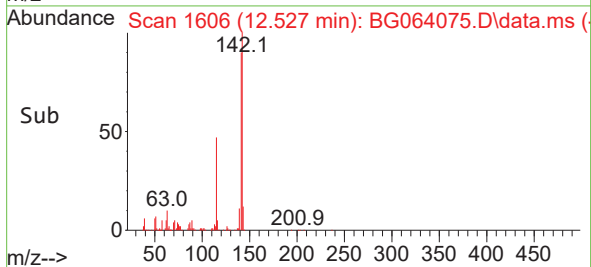
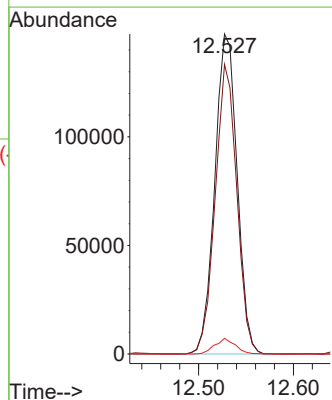
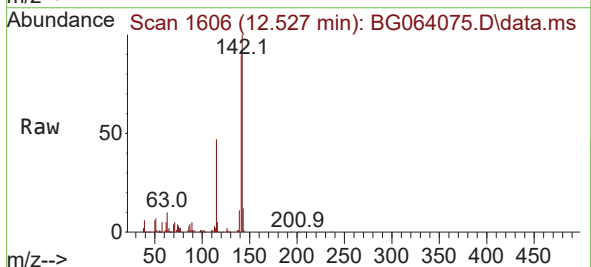
Manual Integrations
APPROVED

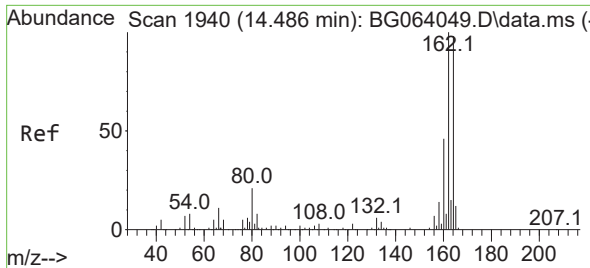
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#38
1-Methylnaphthalene
Concen: 41.788 ng
RT: 12.527 min Scan# 1606
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:142 Resp: 241268
Ion Ratio Lower Upper
142 100
141 90.5 71.2 106.8
116 4.9 3.6 5.4





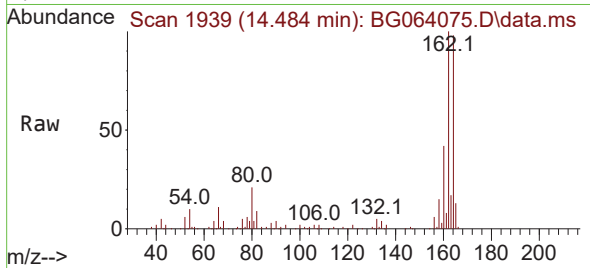
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.484 min Scan# 1940
Delta R.T. -0.002 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

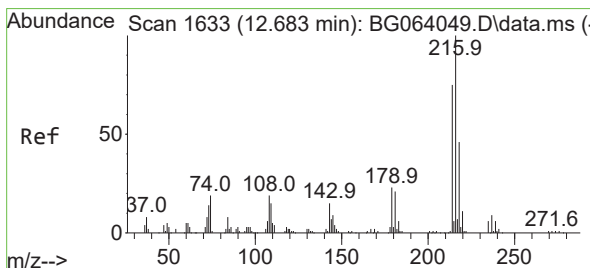
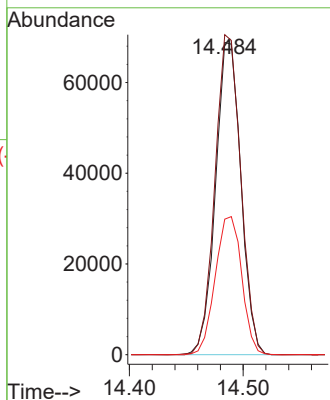
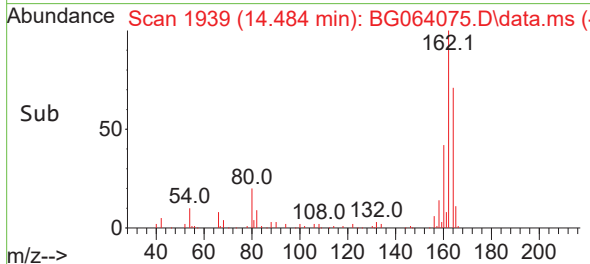


Tgt Ion:164 Resp: 106817
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 43.4 37.0 55.6

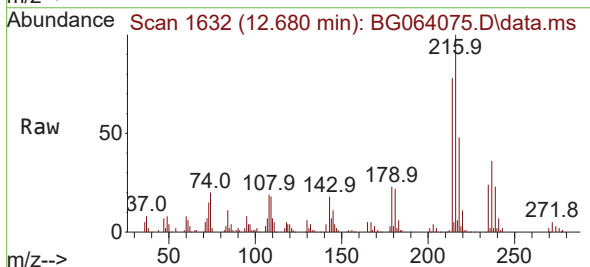
Manual Integrations

APPROVED

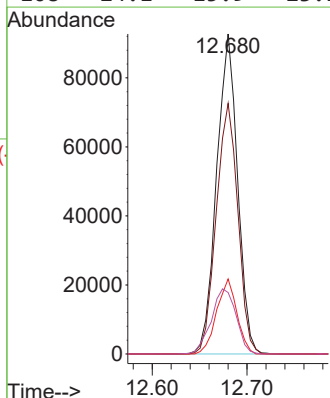
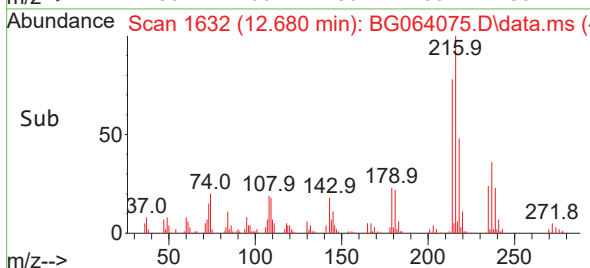
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

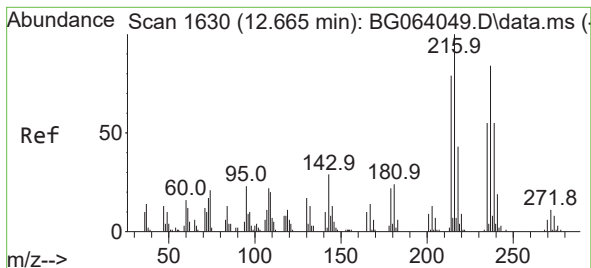


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.717 ng
RT: 12.680 min Scan# 1632
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44



Tgt Ion:216 Resp: 142467
Ion Ratio Lower Upper
216 100
214 80.7 61.7 92.5
179 22.6 17.9 26.9
108 24.1 15.9 23.9#





#41

Hexachlorocyclopentadiene

Concen: 187.650 ng

RT: 12.662 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

Tgt Ion:237 Resp: 161060

Ion Ratio Lower Upper

237 100

235 66.8 46.0 86.0

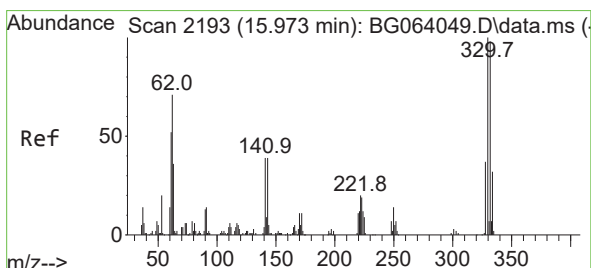
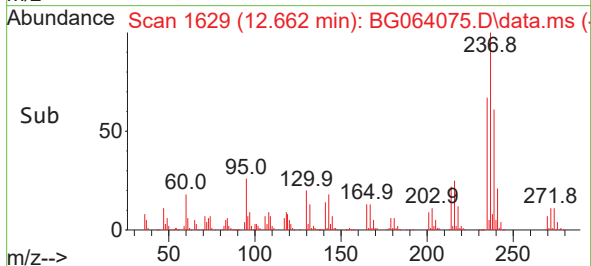
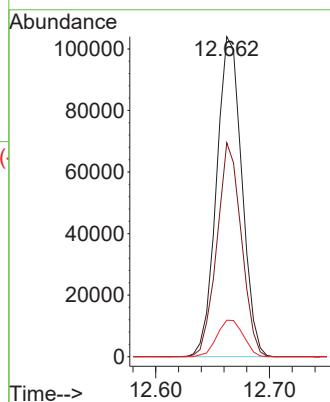
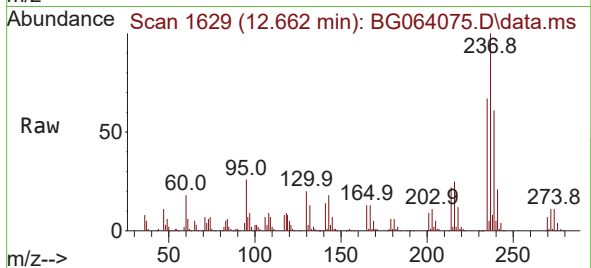
272 11.4 0.0 32.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#42

2,4,6-Tribromophenol

Concen: 153.621 ng

RT: 15.976 min Scan# 2193

Delta R.T. 0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

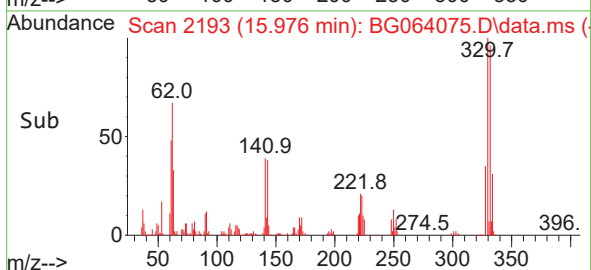
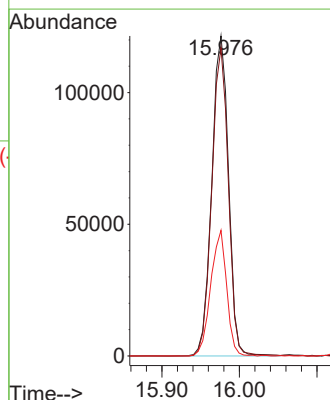
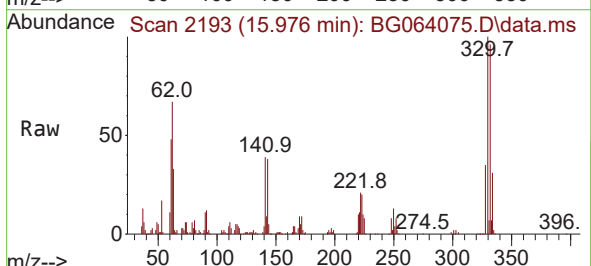
Tgt Ion:330 Resp: 182401

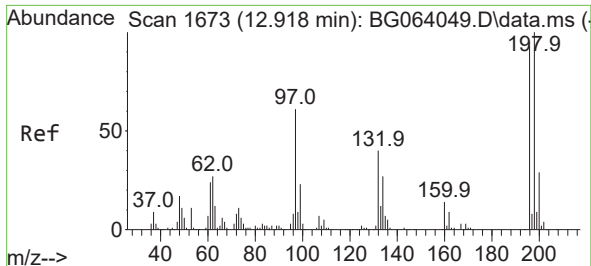
Ion Ratio Lower Upper

330 100

332 95.0 76.7 115.1

141 37.3 29.7 44.5





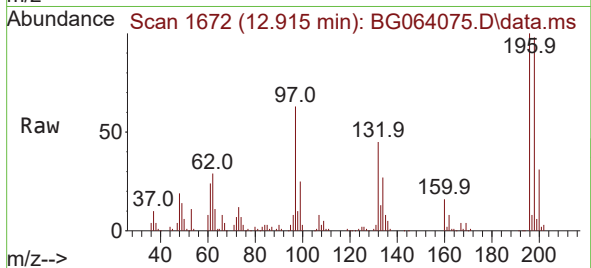
#43
2,4,6-Trichlorophenol
Concen: 50.214 ng
RT: 12.915 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

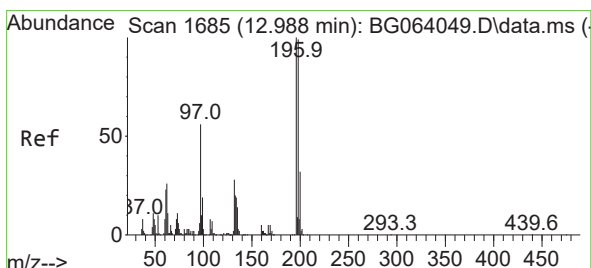
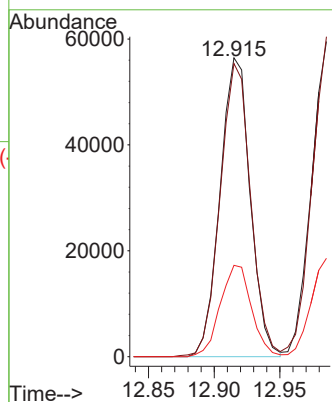
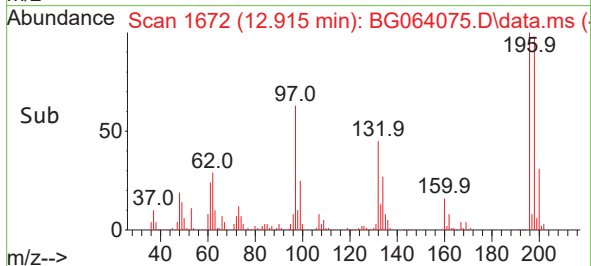


Tgt Ion:196 Resp: 90250
Ion Ratio Lower Upper
196 100
198 98.1 85.6 128.4
200 30.6 24.6 37.0

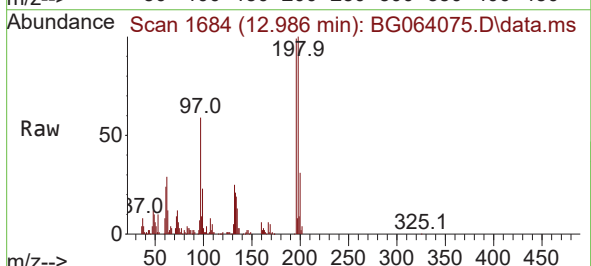
Manual Integrations

APPROVED

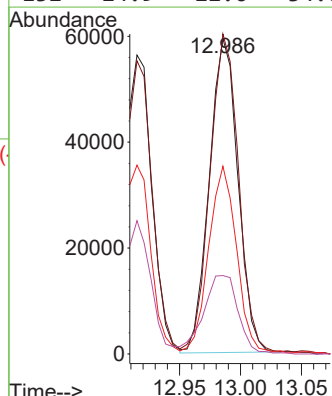
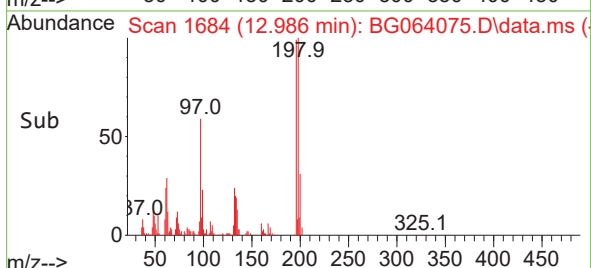
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

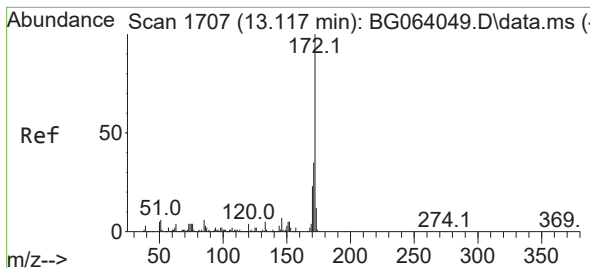


#44
2,4,5-Trichlorophenol
Concen: 48.673 ng
RT: 12.986 min Scan# 1684
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44



Tgt Ion:196 Resp: 97202
Ion Ratio Lower Upper
196 100
198 101.5 79.5 119.3
97 59.5 45.2 67.8
132 24.9 22.6 34.0





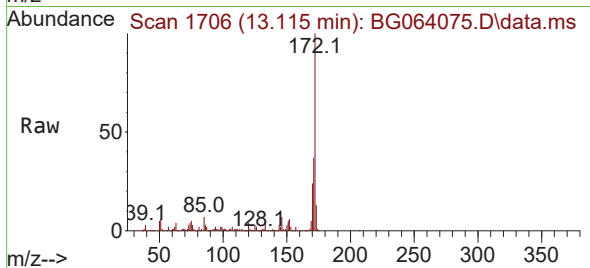
#45
2-Fluorobiphenyl
Concen: 92.773 ng
RT: 13.115 min Scan# 1706
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

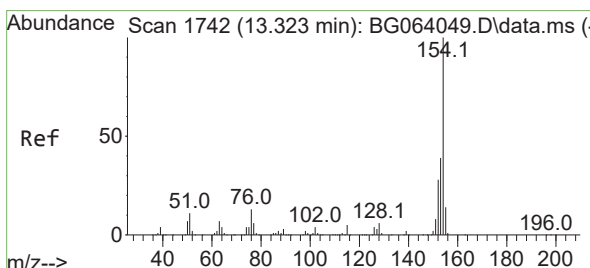
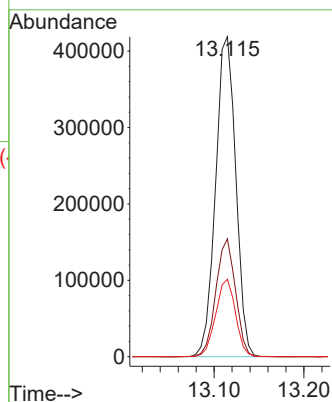
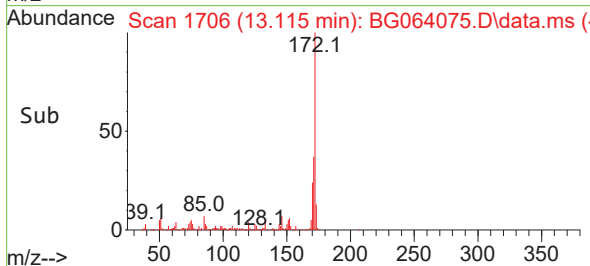


Tgt Ion:172 Resp: 652860
Ion Ratio Lower Upper
172 100
171 36.9 28.0 42.0
170 24.2 18.7 28.1

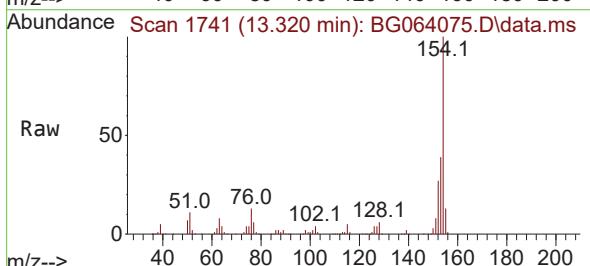
Manual Integrations

APPROVED

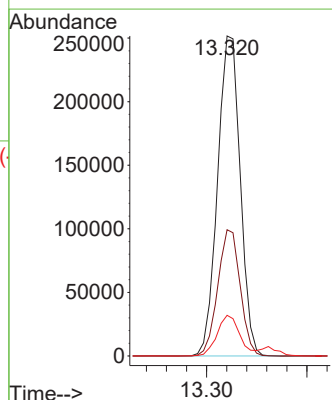
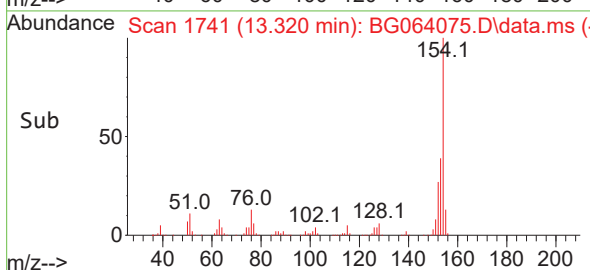
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

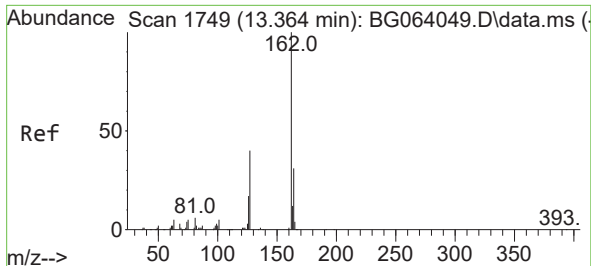


#46
1,1'-Biphenyl
Concen: 48.778 ng
RT: 13.320 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44



Tgt Ion:154 Resp: 393645
Ion Ratio Lower Upper
154 100
153 39.4 19.5 59.5
76 12.7 0.0 33.5





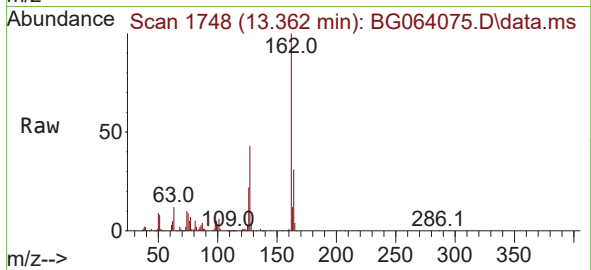
#47
2-Chloronaphthalene
Concen: 44.100 ng
RT: 13.362 min Scan# 1748
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

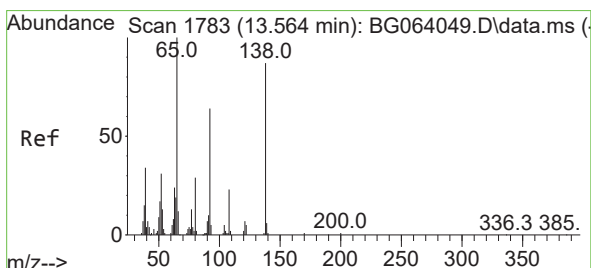
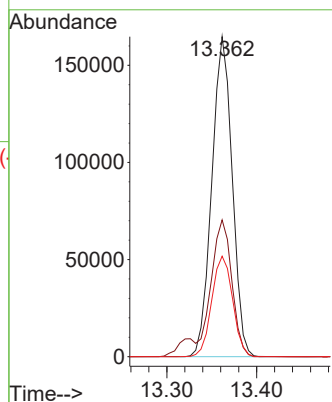
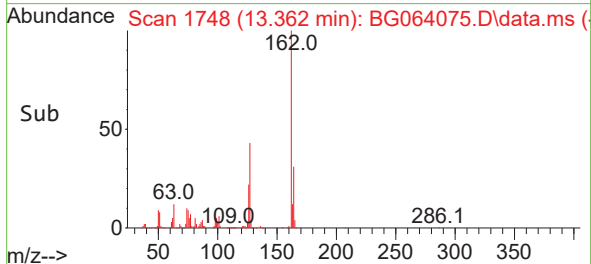


Tgt Ion:162 Resp: 25956
Ion Ratio Lower Upper
162 100
127 42.7 35.0 52.4
164 31.4 25.0 37.6

Manual Integrations

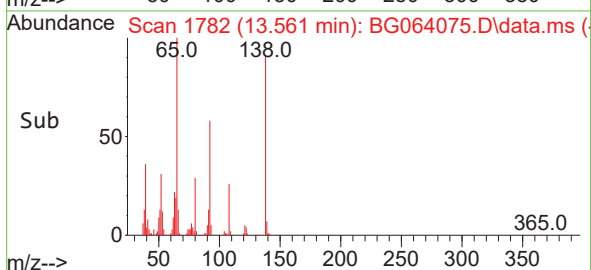
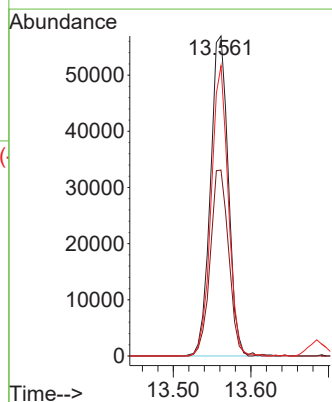
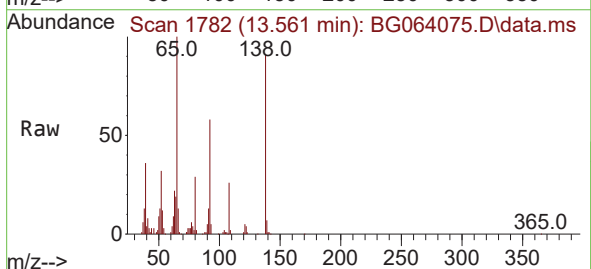
APPROVED

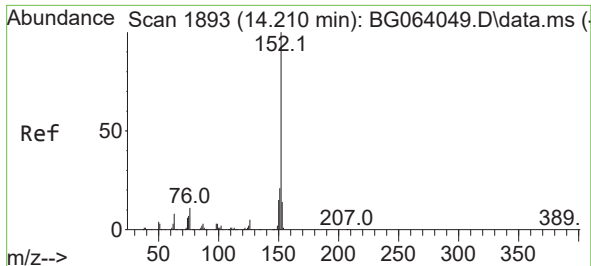
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#48
2-Nitroaniline
Concen: 46.946 ng
RT: 13.561 min Scan# 1782
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion: 65 Resp: 91303
Ion Ratio Lower Upper
65 100
92 58.1 51.2 76.8
138 90.7 69.4 104.2





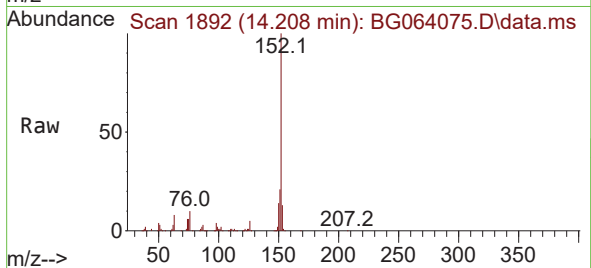
#49
Acenaphthylene
Concen: 45.482 ng
RT: 14.208 min Scan# 1892
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

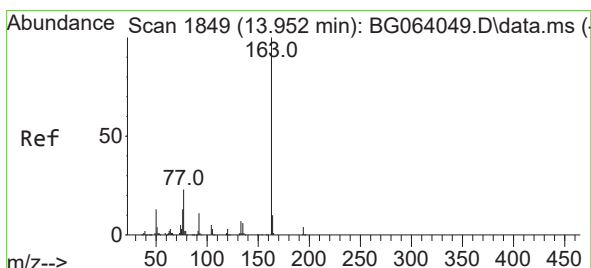
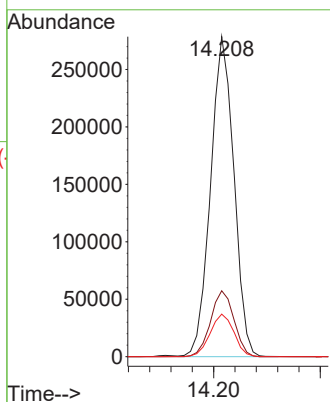
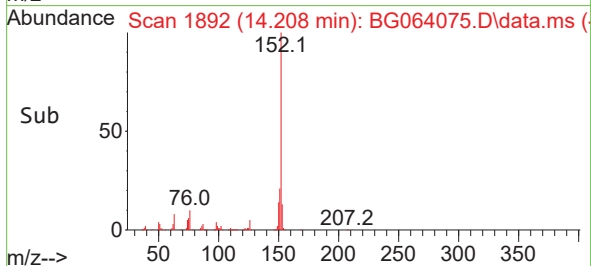


Tgt Ion:152 Resp: 423420
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.3 10.9 16.3

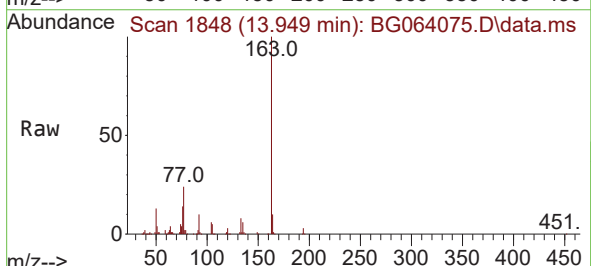
Manual Integrations

APPROVED

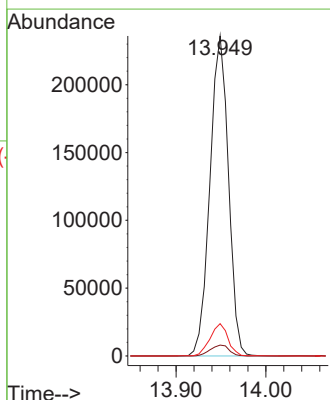
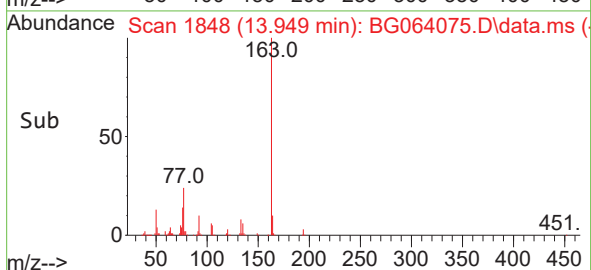
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

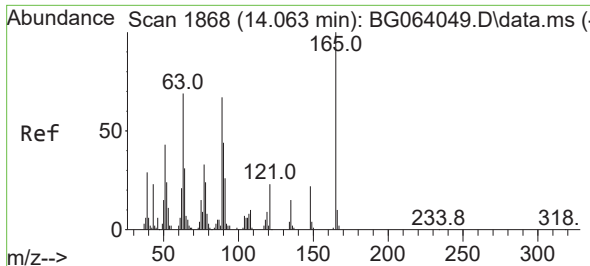


#50
Dimethylphthalate
Concen: 42.802 ng
RT: 13.949 min Scan# 1848
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44



Tgt Ion:163 Resp: 337492
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.023 ng
RT: 14.061 min Scan# 1867
Delta R.T. -0.002 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

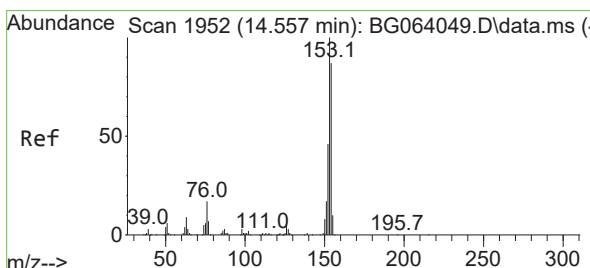
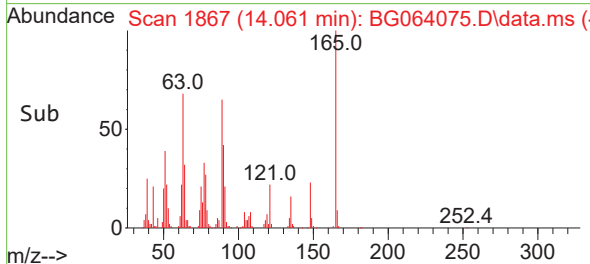
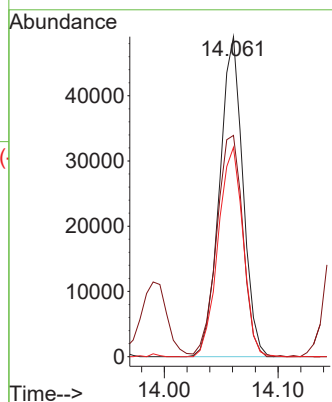
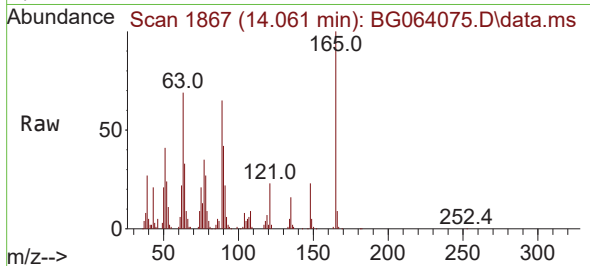
ClientSampleId :

PB167035BS

Tgt Ion:165 Resp: 6994
Ion Ratio Lower Upper
165 100
63 69.2 56.7 85.1
89 65.4 53.7 80.5

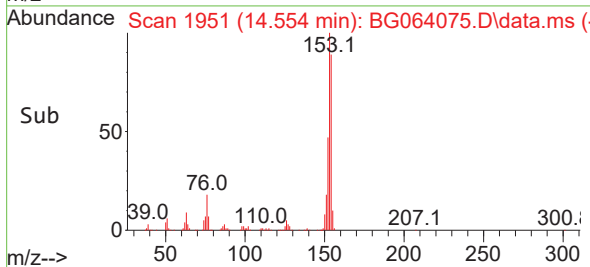
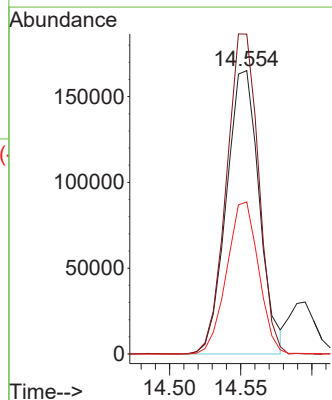
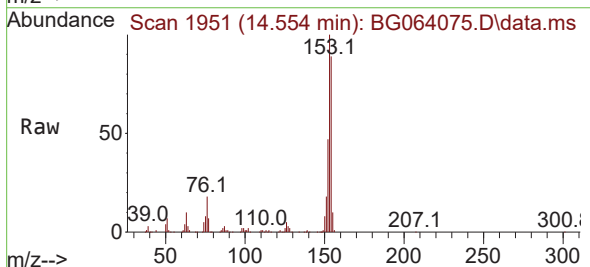
Manual Integrations
APPROVED

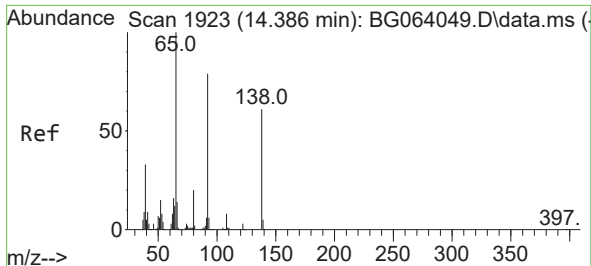
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#52
Acenaphthene
Concen: 42.585 ng
RT: 14.554 min Scan# 1951
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:154 Resp: 266063
Ion Ratio Lower Upper
154 100
153 112.9 91.6 137.4
152 53.6 42.5 63.7





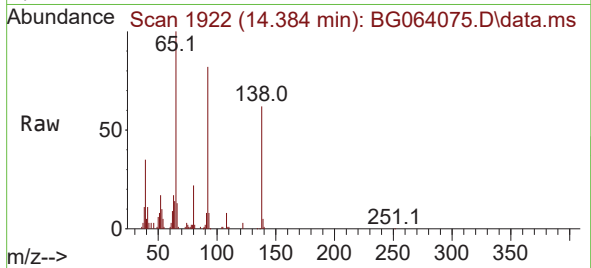
#53
3-Nitroaniline
Concen: 29.514 ng
RT: 14.384 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

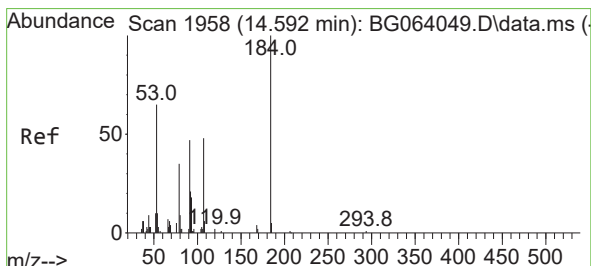
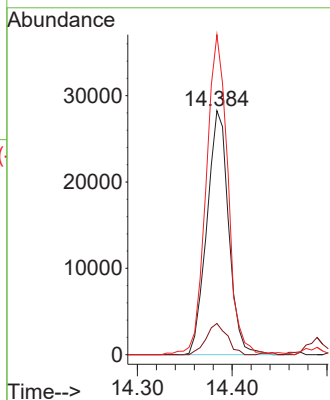
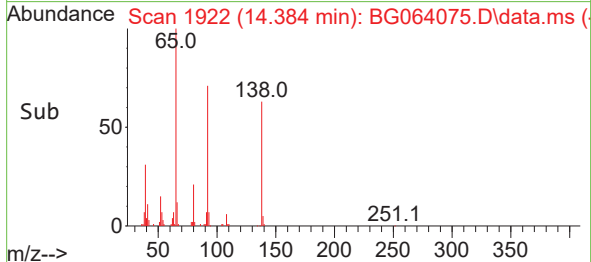


Tgt Ion:138 Resp: 44978
Ion Ratio Lower Upper
138 100
108 12.8 10.1 15.1
92 131.1 104.1 156.1

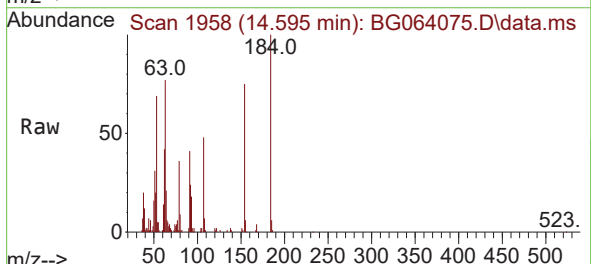
Manual Integrations

APPROVED

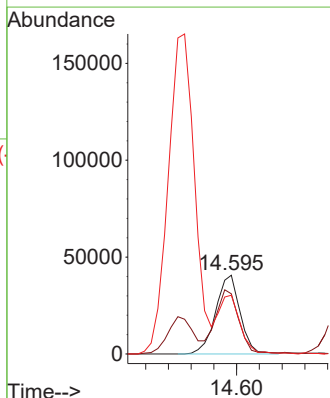
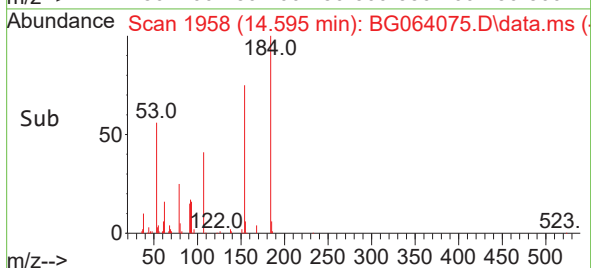
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

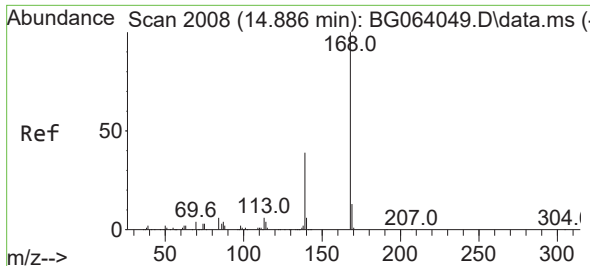


#54
2,4-Dinitrophenol
Concen: 89.770 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44



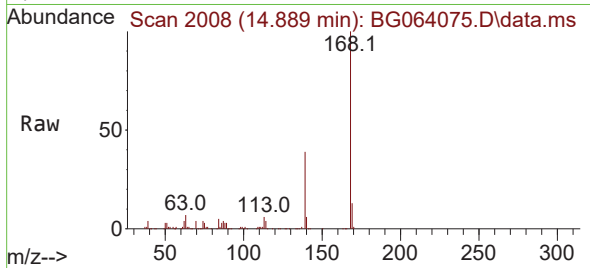
Tgt Ion:184 Resp: 60584
Ion Ratio Lower Upper
184 100
63 76.6 57.5 86.3
154 74.8 52.3 78.5





#55
Dibenzofuran
Concen: 41.254 ng
RT: 14.889 min Scan# 2008
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

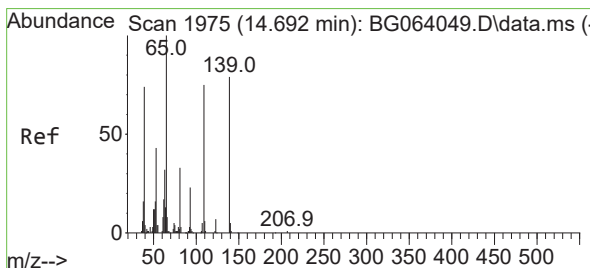
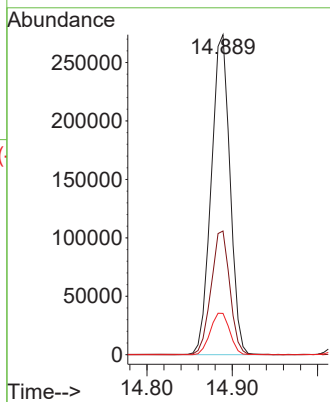
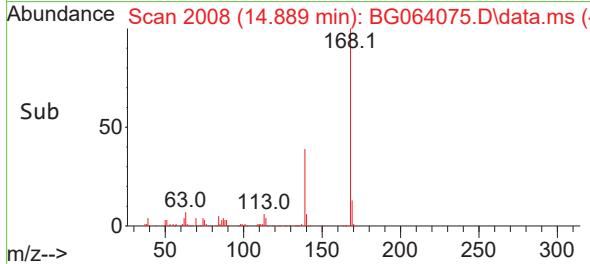
Instrument :
BNA_G
ClientSampleId :
PB167035BS



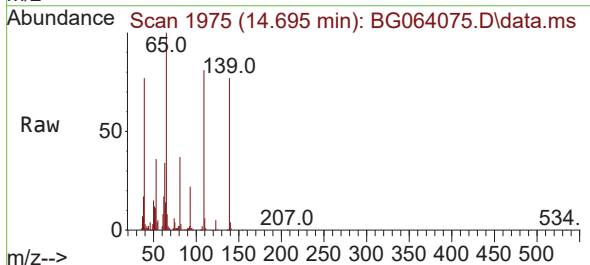
Tgt Ion:168 Resp: 41754
Ion Ratio Lower Upper
168 100
139 38.6 31.1 46.7
169 12.9 10.5 15.7

Manual Integrations
APPROVED

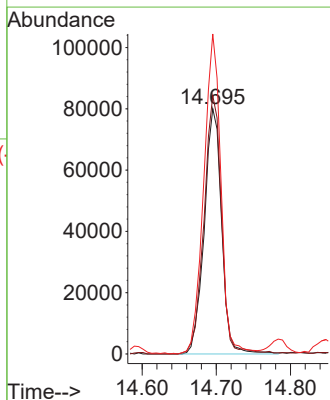
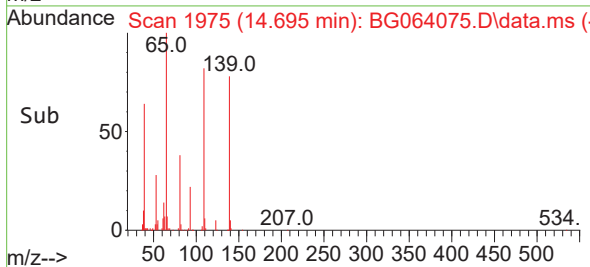
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

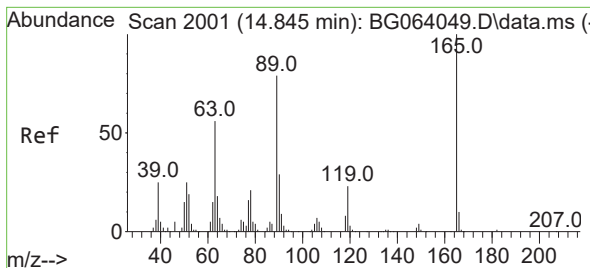


#56
4-Nitrophenol
Concen: 101.809 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44



Tgt Ion:139 Resp: 130121
Ion Ratio Lower Upper
139 100
109 105.4 74.9 114.9
65 130.5 106.8 146.8





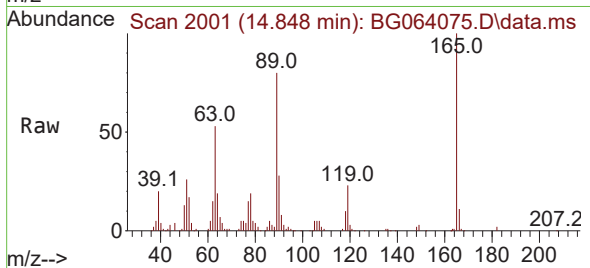
#57
2,4-Dinitrotoluene
Concen: 46.559 ng
RT: 14.848 min Scan# 2001
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

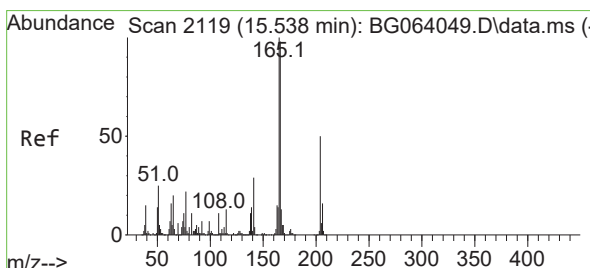
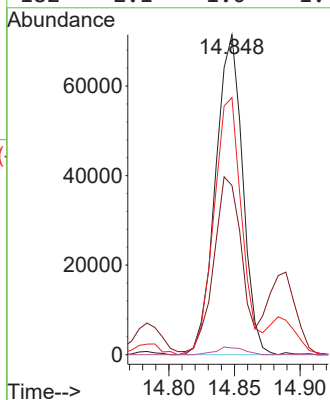
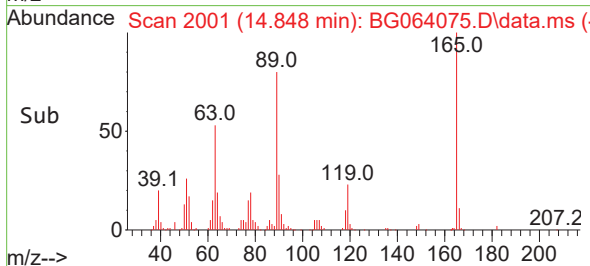


Tgt Ion:165 Resp: 102500
Ion Ratio Lower Upper
165 100
63 52.8 45.0 67.6
89 80.4 63.1 94.7
182 2.1 1.0 1.4#

Manual Integrations

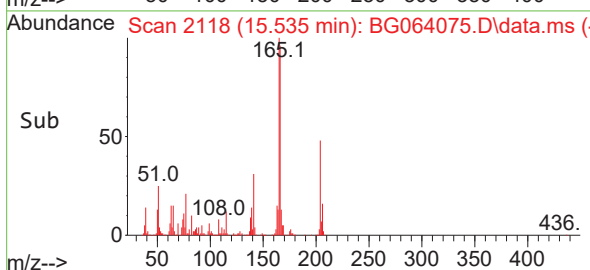
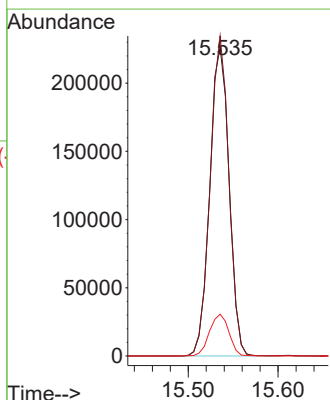
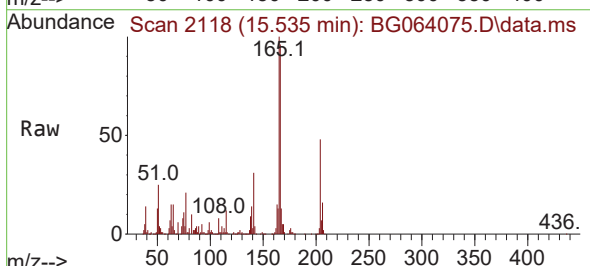
APPROVED

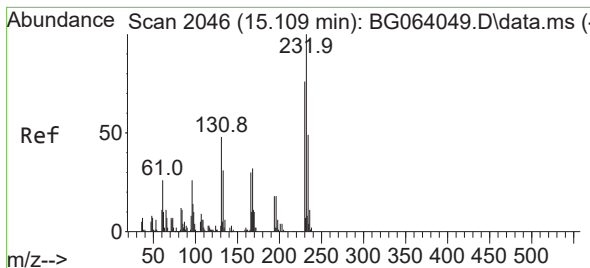
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#58
Fluorene
Concen: 42.973 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:166 Resp: 338764
Ion Ratio Lower Upper
166 100
165 103.7 81.8 122.8
167 13.6 10.8 16.2





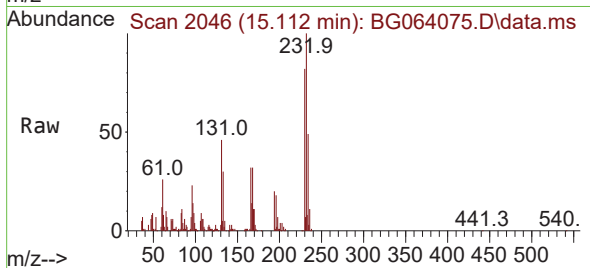
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.550 ng m
RT: 15.112 min Scan# 2046
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

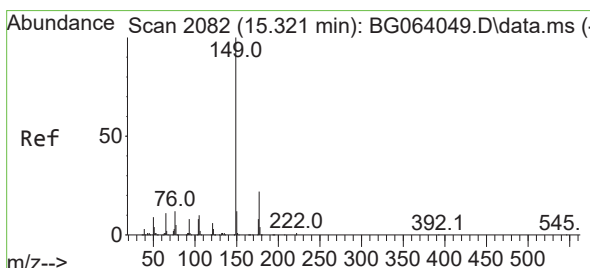
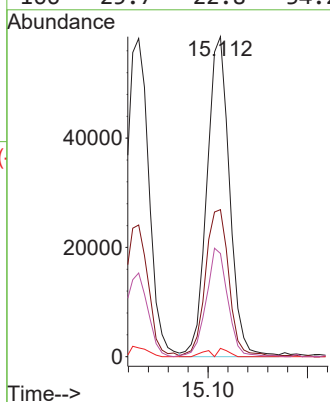
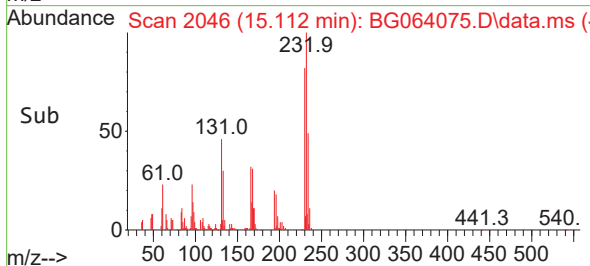


Tgt Ion:232 Resp: 92570
Ion Ratio Lower Upper
232 100
131 41.5 36.3 54.5
130 2.6 1.9 2.9
166 25.7 22.8 34.2

Manual Integrations

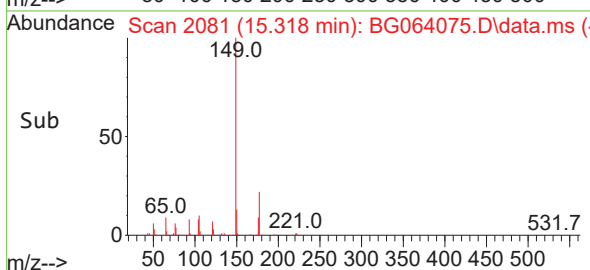
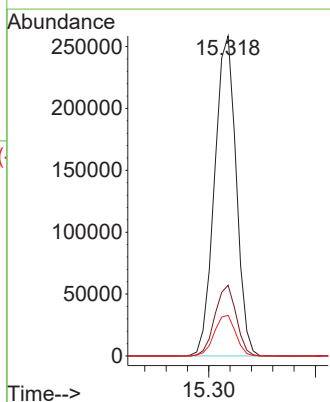
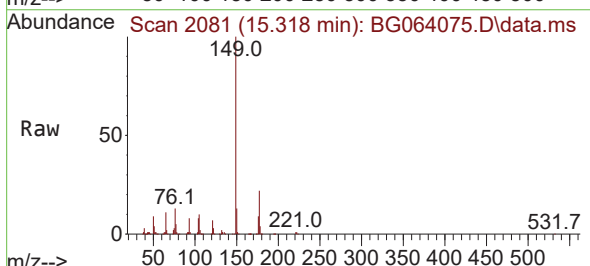
APPROVED

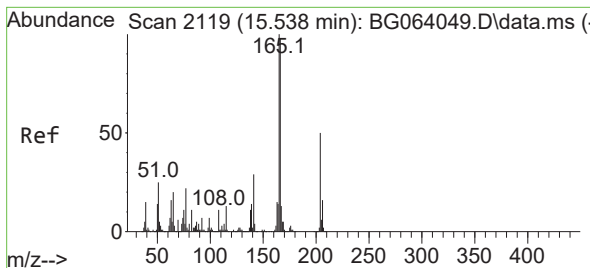
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#60
Diethylphthalate
Concen: 42.379 ng
RT: 15.318 min Scan# 2081
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:149 Resp: 362756
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.2
150 12.7 9.4 14.2





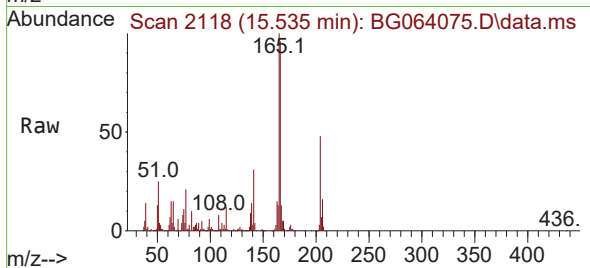
#61
4-Chlorophenyl-phenylether
Concen: 42.385 ng
RT: 15.535 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

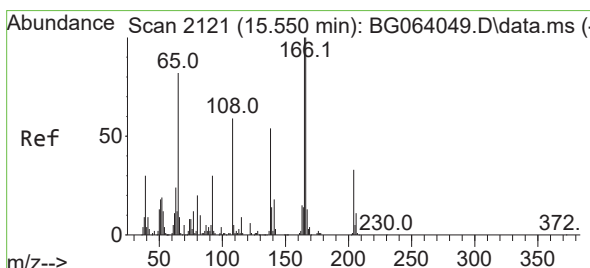
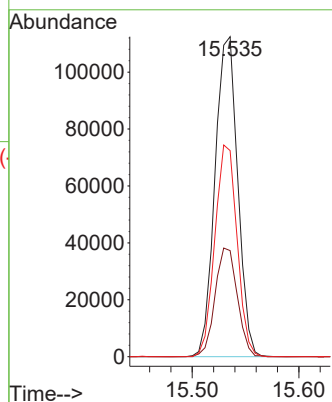
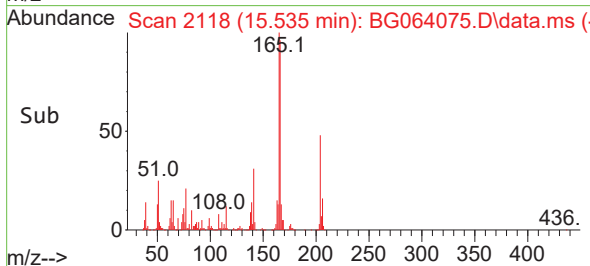


Tgt Ion:204 Resp: 166039
Ion Ratio Lower Upper
204 100
206 33.1 25.5 38.3
141 64.4 45.4 68.0

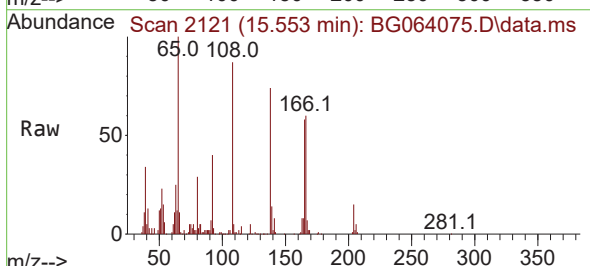
Manual Integrations

APPROVED

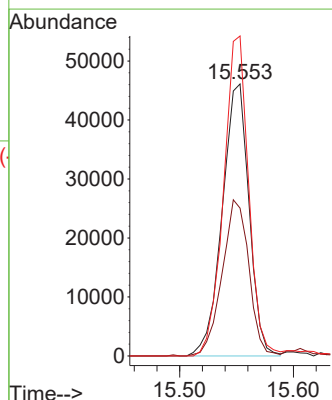
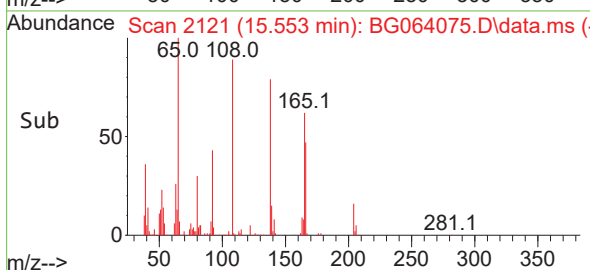
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

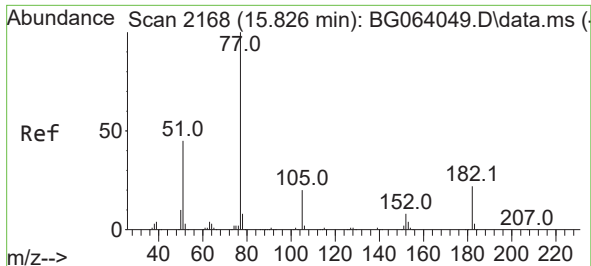


#62
4-Nitroaniline
Concen: 45.936 ng
RT: 15.553 min Scan# 2121
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44



Tgt Ion:138 Resp: 75579
Ion Ratio Lower Upper
138 100
92 54.4 36.1 76.1
108 117.6 87.9 127.9





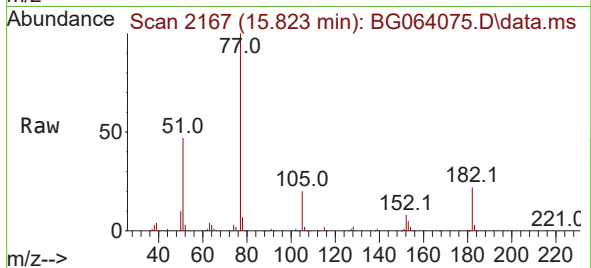
#63
Azobenzene
Concen: 40.626 ng
RT: 15.823 min Scan# 2167
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

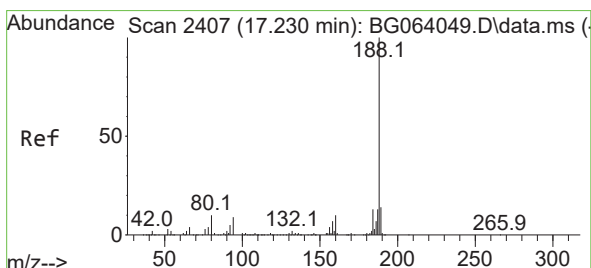
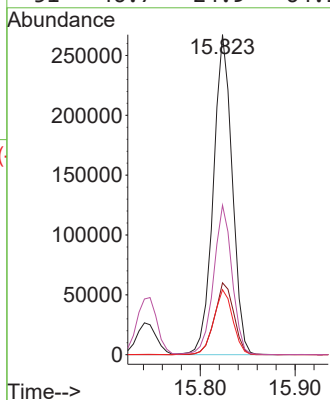
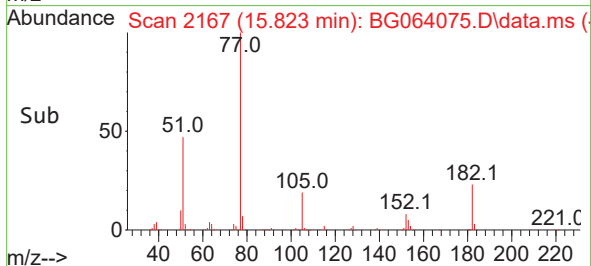


Tgt Ion: 77 Resp: 37108
Ion Ratio Lower Upper
77 100
182 22.4 2.4 42.4
105 20.3 0.0 40.0
51 46.7 24.9 64.9

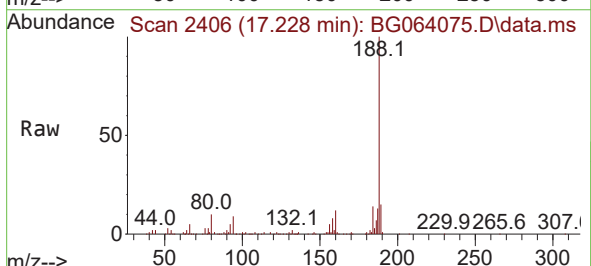
Manual Integrations

APPROVED

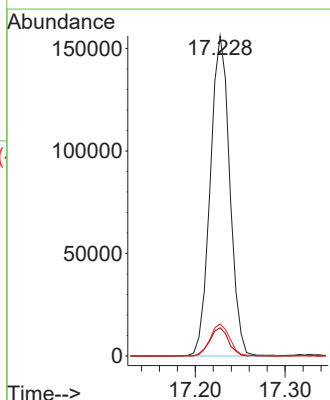
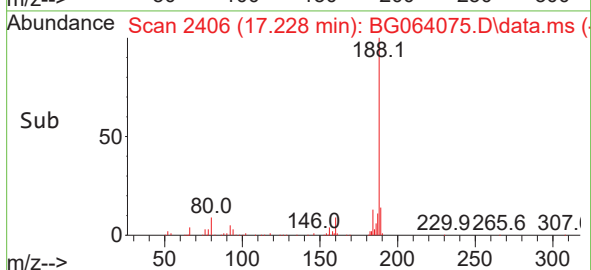
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

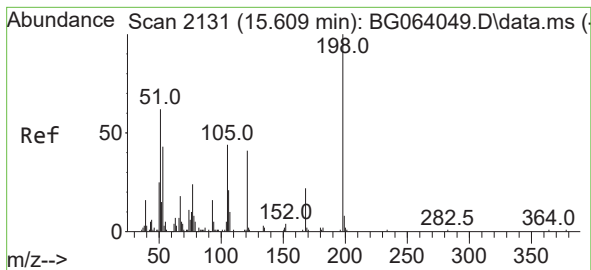


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44



Tgt Ion:188 Resp: 235208
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 10.0 8.1 12.1





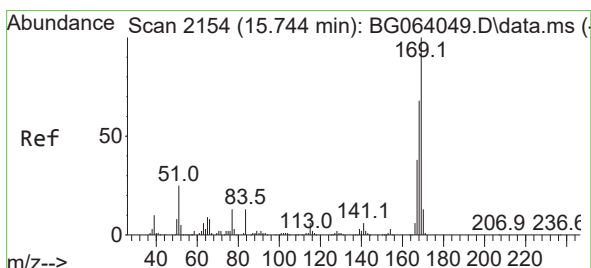
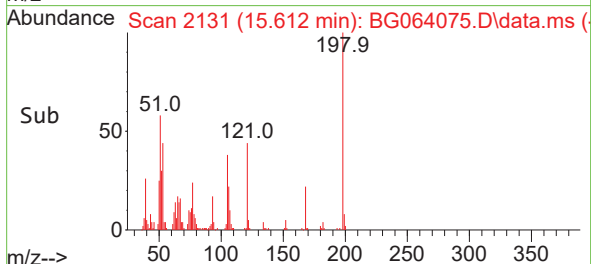
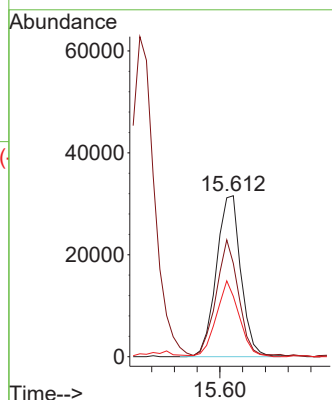
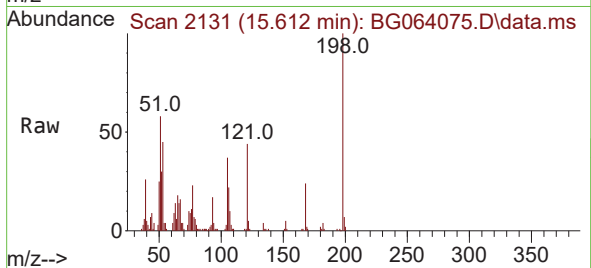
#65
4,6-Dinitro-2-methylphenol
Concen: 46.799 ng
RT: 15.612 min Scan# 2131
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :
BNA_G
ClientSampleId :
PB167035BS

Tgt Ion:198 Resp: 47302
Ion Ratio Lower Upper
198 100
51 58.0 45.6 85.6
105 37.5 25.3 65.3

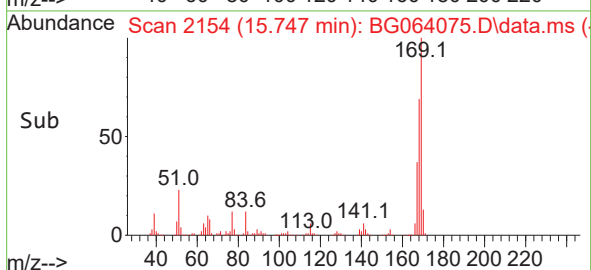
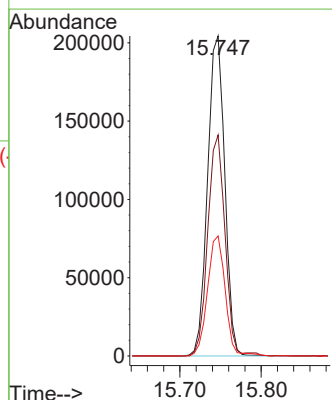
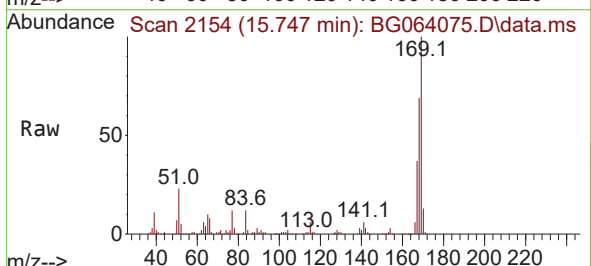
Manual Integrations
APPROVED

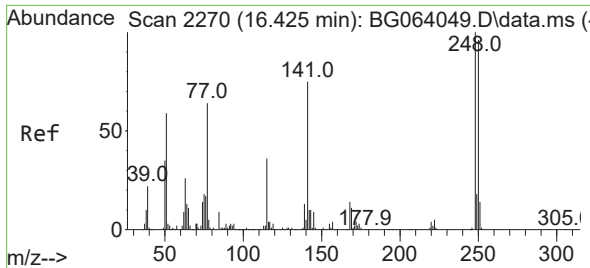
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#66
n-Nitrosodiphenylamine
Concen: 45.004 ng
RT: 15.747 min Scan# 2154
Delta R.T. 0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:169 Resp: 299630
Ion Ratio Lower Upper
169 100
168 69.0 54.1 81.1
167 37.5 30.3 45.5





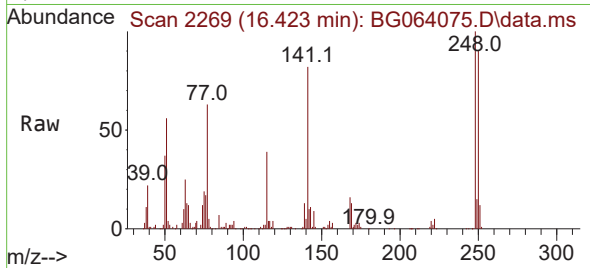
#67
4-Bromophenyl-phenylether
Concen: 46.570 ng
RT: 16.423 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

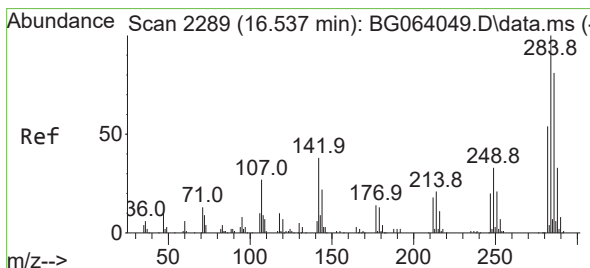
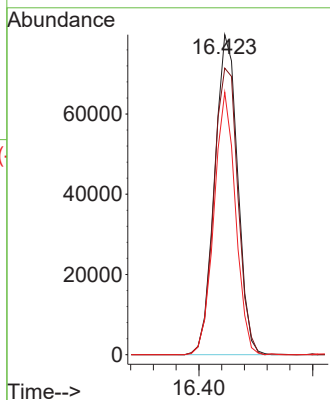
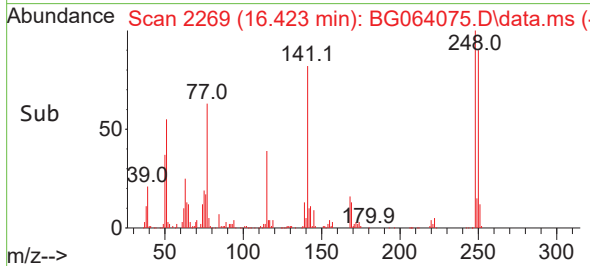


Tgt Ion:248 Resp: 112180
Ion Ratio Lower Upper
248 100
250 89.5 77.1 115.7
141 82.0 59.8 89.8

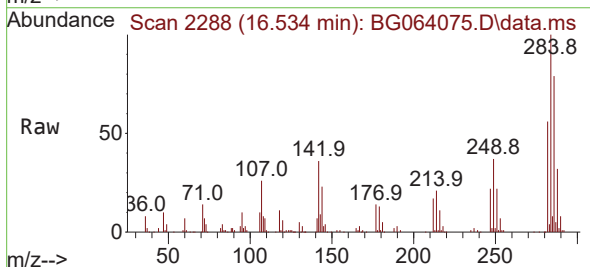
Manual Integrations

APPROVED

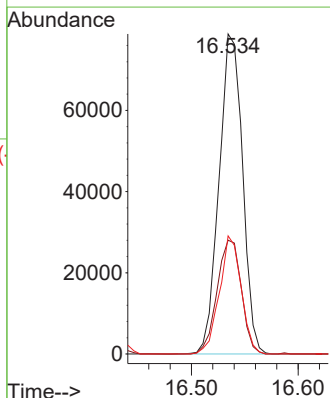
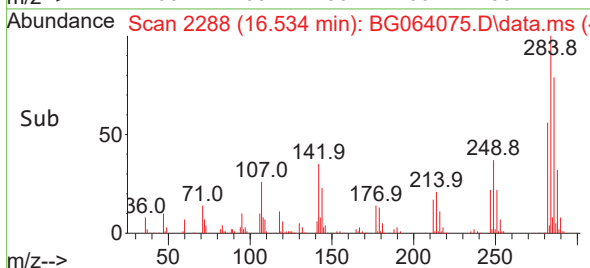
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

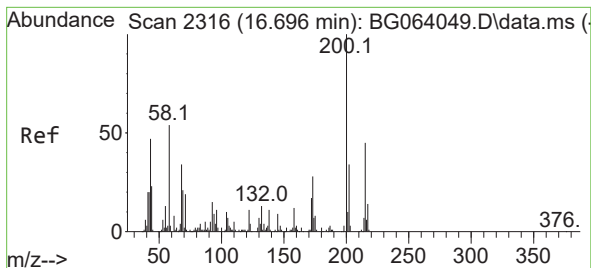


#68
Hexachlorobenzene
Concen: 44.727 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44



Tgt Ion:284 Resp: 120627
Ion Ratio Lower Upper
284 100
142 35.6 30.6 45.8
249 36.9 26.6 39.8





#69

Atrazine

Concen: 67.961 ng

RT: 16.699 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

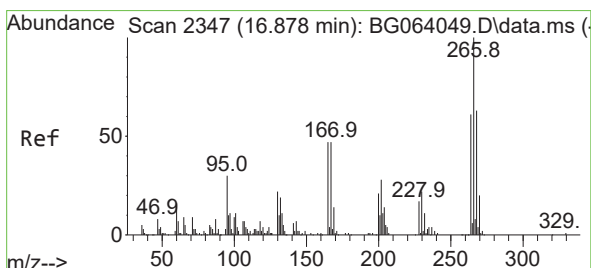
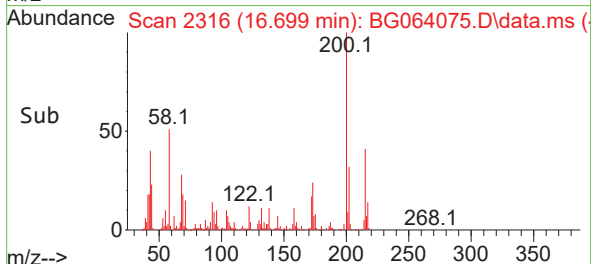
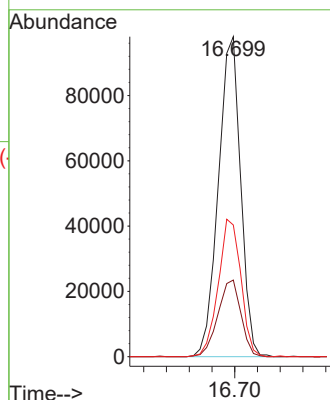
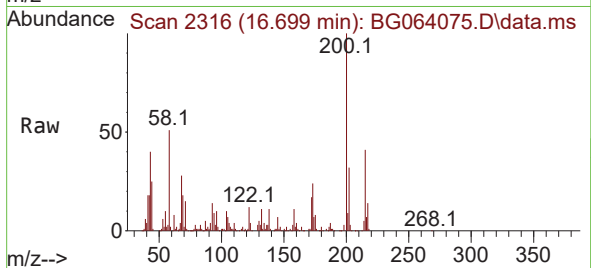
PB167035BS

Tgt Ion:200 Resp: 13313
 Ion Ratio Lower Upper
 200 100
 173 23.9 8.2 48.2
 215 41.2 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025
 Supervised By :Jagrut Upadhyay 03/11/2025



#70

Pentachlorophenol

Concen: 91.945 ng

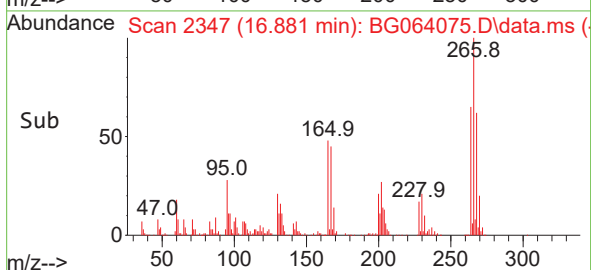
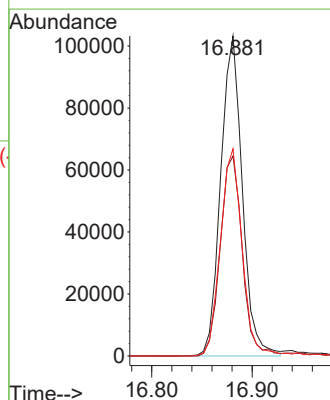
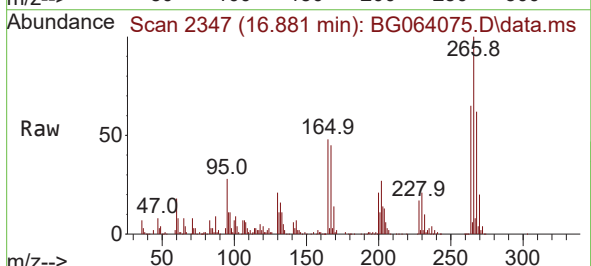
RT: 16.881 min Scan# 2347

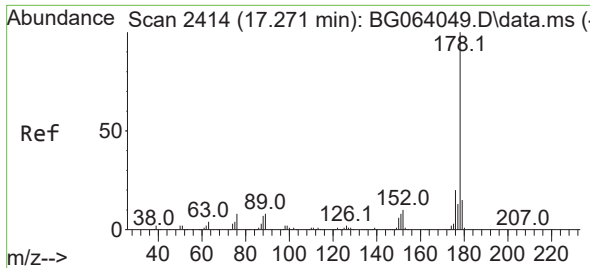
Delta R.T. 0.003 min

Lab File: BG064075.D

Acq: 10 Mar 2025 10:44

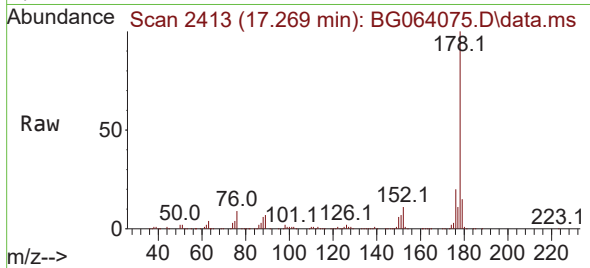
Tgt Ion:266 Resp: 153962
 Ion Ratio Lower Upper
 266 100
 268 62.5 50.2 75.4
 264 64.7 48.9 73.3





#71
Phenanthrene
Concen: 44.568 ng
RT: 17.269 min Scan# 2413
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

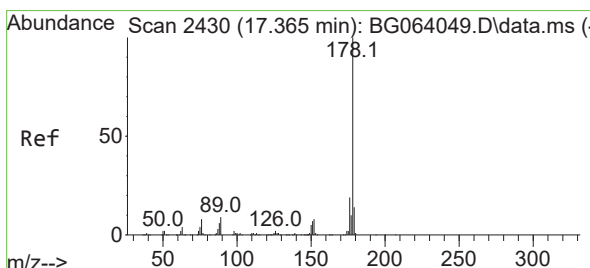
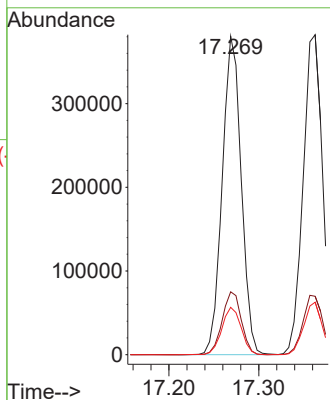
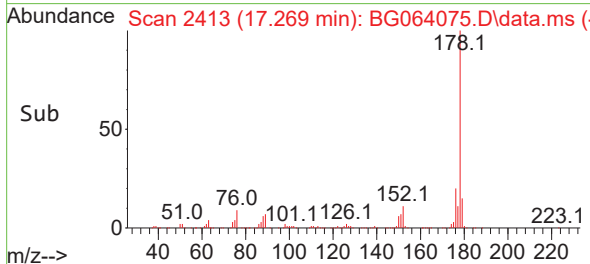
Instrument :
BNA_G
ClientSampleId :
PB167035BS



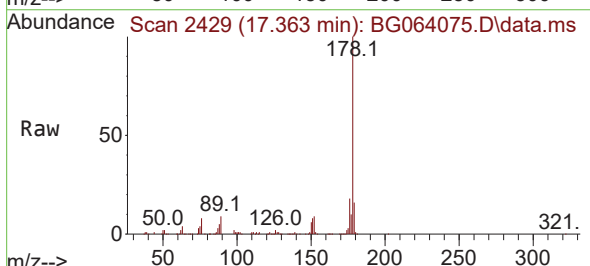
Tgt Ion:178 Resp: 55913
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 14.9 12.2 18.2

Manual Integrations
APPROVED

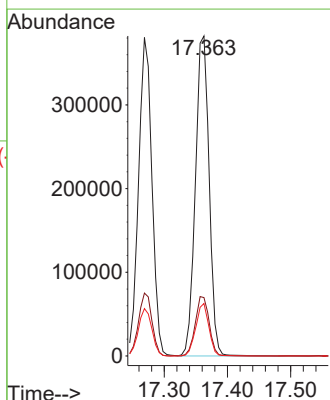
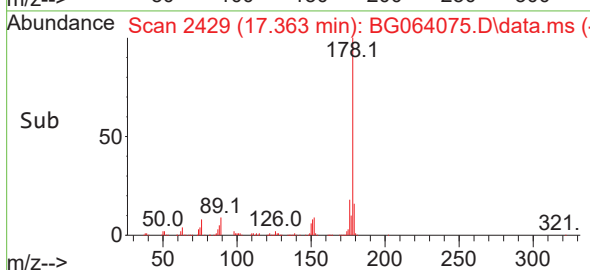
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

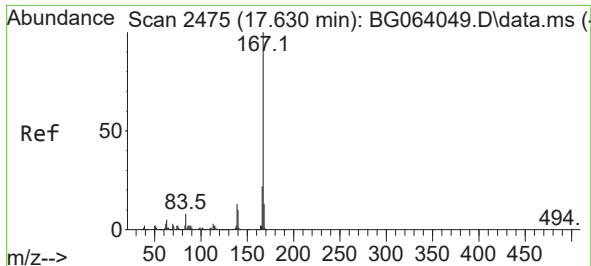


#72
Anthracene
Concen: 46.233 ng
RT: 17.363 min Scan# 2429
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44



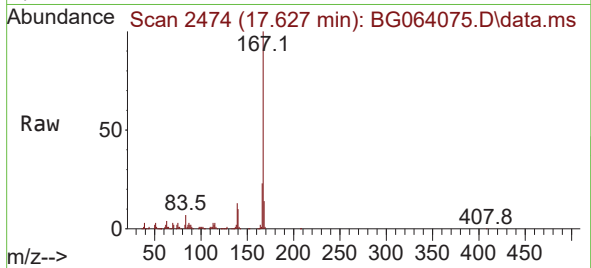
Tgt Ion:178 Resp: 576746
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 16.4 11.5 17.3





#73
 Carbazole
 Concen: 44.184 ng
 RT: 17.627 min Scan# 2475
 Delta R.T. -0.003 min
 Lab File: BG064075.D
 Acq: 10 Mar 2025 10:44

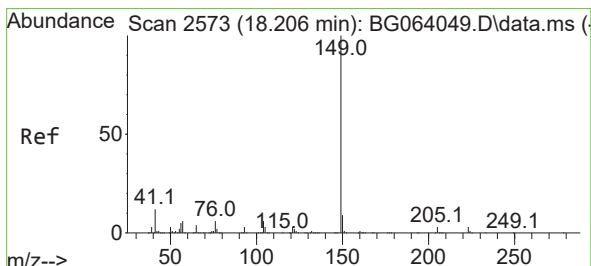
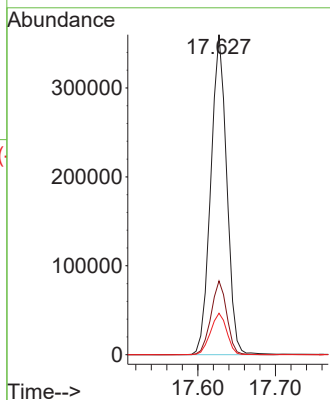
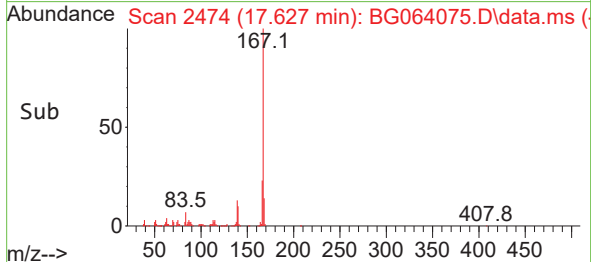
Instrument :
 BNA_G
 ClientSampleId :
 PB167035BS



Tgt Ion:167 Resp: 514611
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.0 27.0
 139 13.0 10.6 15.8

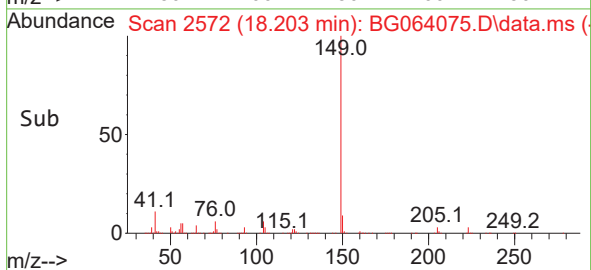
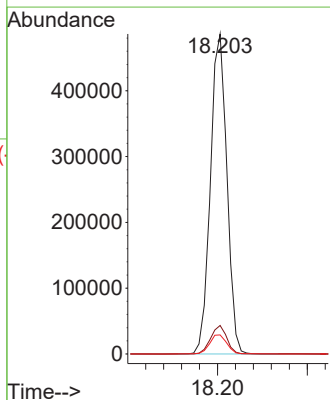
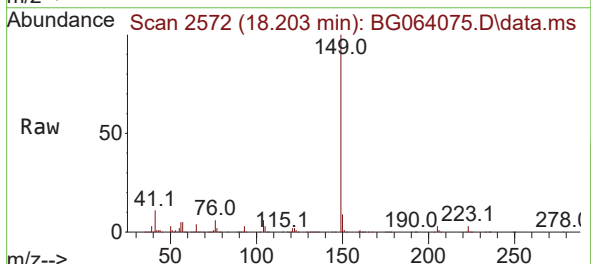
Manual Integrations
 APPROVED

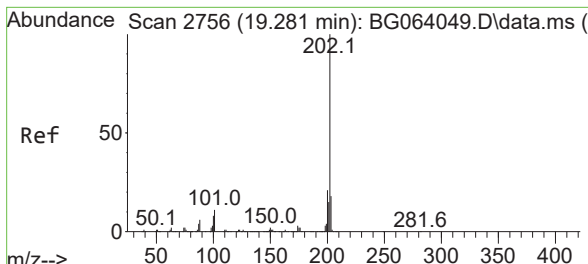
Reviewed By :Anahy Claudio 03/11/2025
 Supervised By :Jagrut Upadhyay 03/11/2025



#74
 Di-n-butylphthalate
 Concen: 45.203 ng
 RT: 18.203 min Scan# 2572
 Delta R.T. -0.003 min
 Lab File: BG064075.D
 Acq: 10 Mar 2025 10:44

Tgt Ion:149 Resp: 619724
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 6.0 5.0 7.6





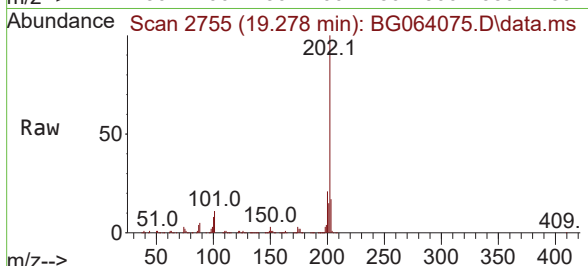
#75
 Fluoranthene
 Concen: 43.237 ng
 RT: 19.278 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG064075.D
 Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

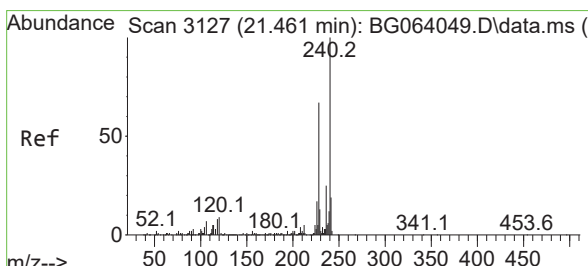
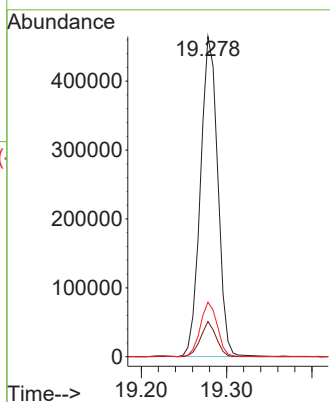


Tgt Ion:202 Resp: 65393
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 30.5
 203 17.0 0.0 38.3

Manual Integrations

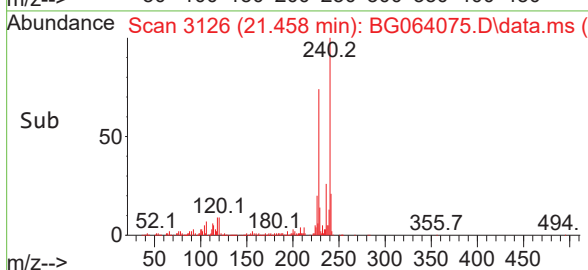
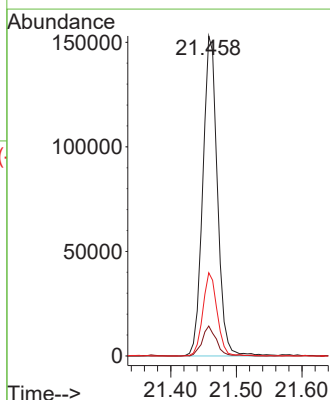
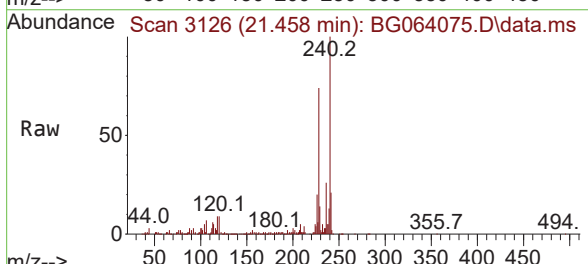
APPROVED

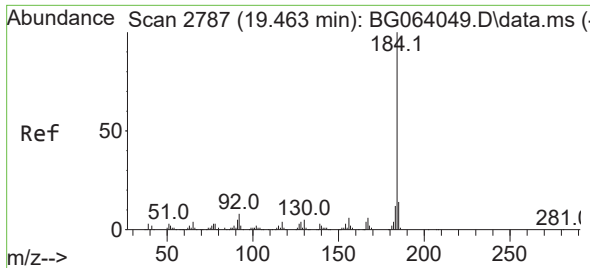
Reviewed By :Anahy Claudio 03/11/2025
 Supervised By :Jagrut Upadhyay 03/11/2025



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.458 min Scan# 3126
 Delta R.T. -0.003 min
 Lab File: BG064075.D
 Acq: 10 Mar 2025 10:44

Tgt Ion:240 Resp: 237204
 Ion Ratio Lower Upper
 240 100
 120 9.4 7.2 10.8
 236 26.0 20.2 30.2





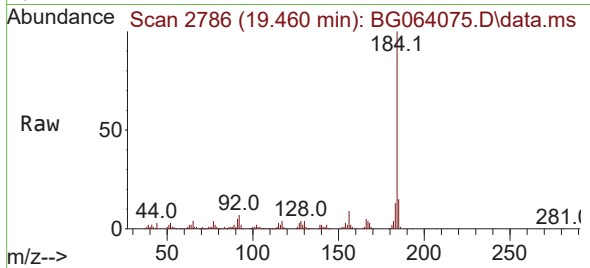
#77
Benzidine
Concen: 57.898 ng
RT: 19.460 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

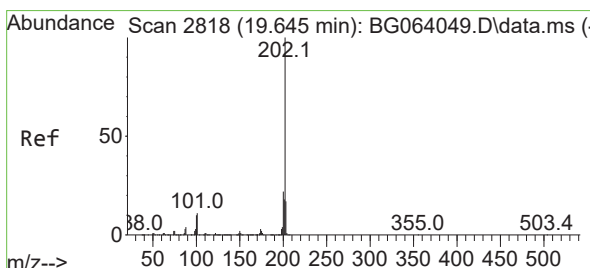
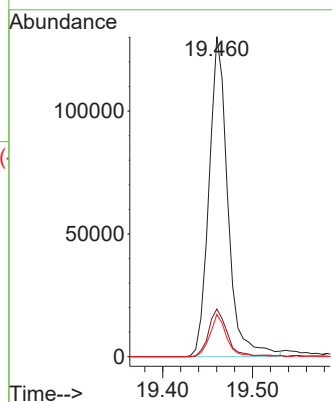
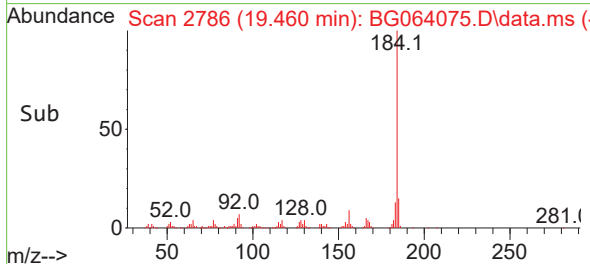


Tgt Ion:184 Resp: 19017
Ion Ratio Lower Upper
184 100
185 14.9 11.3 16.9
183 13.2 9.5 14.3

Manual Integrations

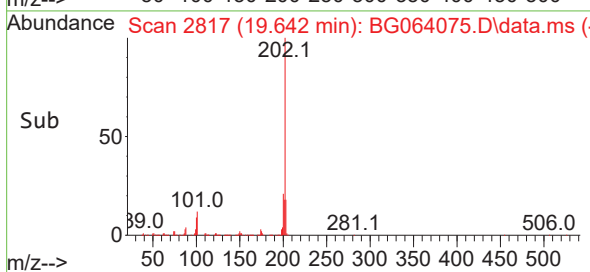
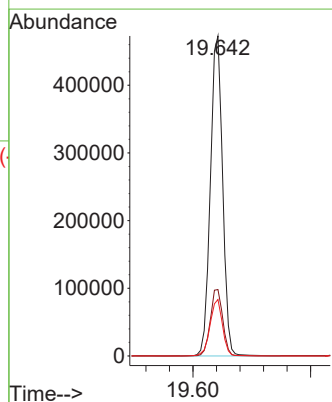
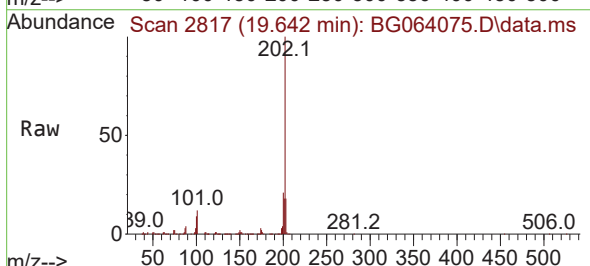
APPROVED

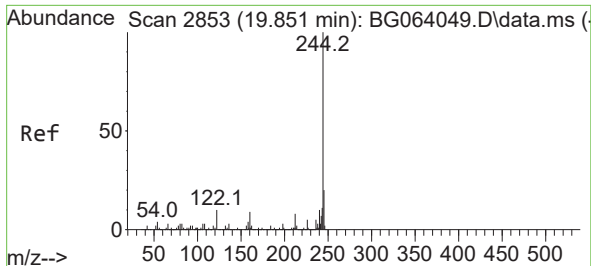
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#78
Pyrene
Concen: 44.621 ng
RT: 19.642 min Scan# 2817
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:202 Resp: 682286
Ion Ratio Lower Upper
202 100
200 20.8 17.3 25.9
203 17.6 13.6 20.4





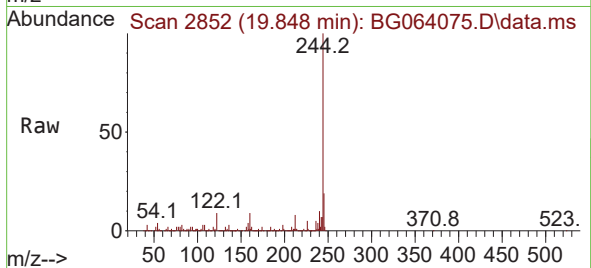
#79
 Terphenyl-d14
 Concen: 97.254 ng
 RT: 19.848 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG064075.D
 Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

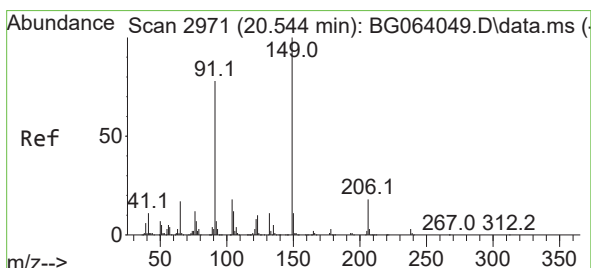
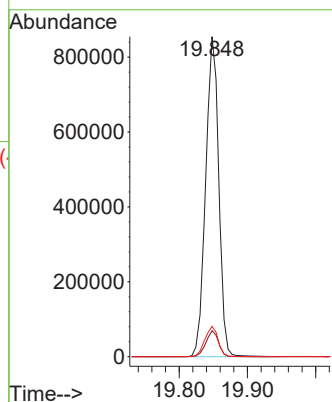
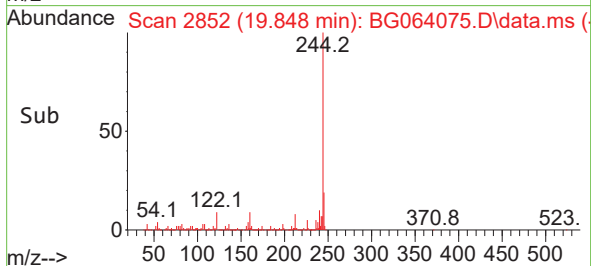


Tgt Ion:244 Resp: 114090
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.4
 122 9.5 8.0 12.0

Manual Integrations

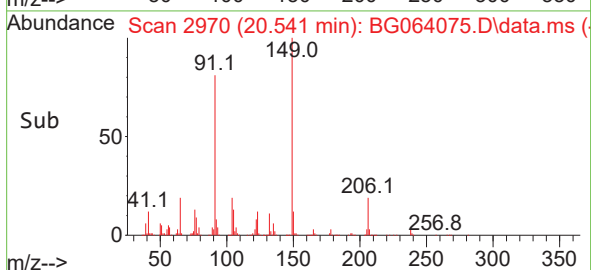
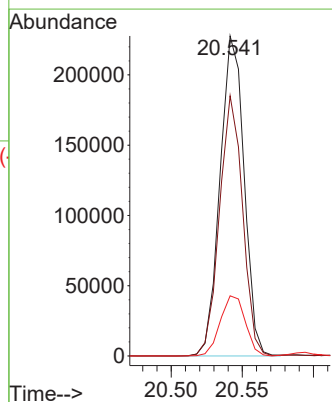
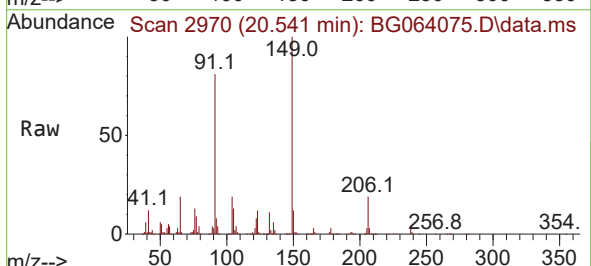
APPROVED

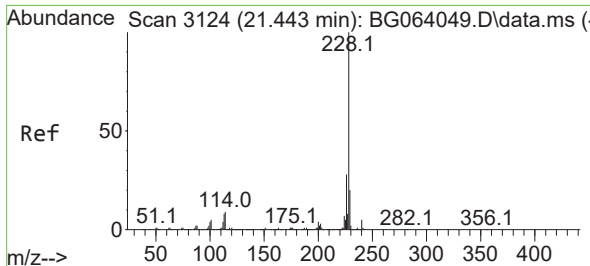
Reviewed By :Anahy Claudio 03/11/2025
 Supervised By :Jagrut Upadhyay 03/11/2025



#80
 Butylbenzylphthalate
 Concen: 46.803 ng
 RT: 20.541 min Scan# 2970
 Delta R.T. -0.003 min
 Lab File: BG064075.D
 Acq: 10 Mar 2025 10:44

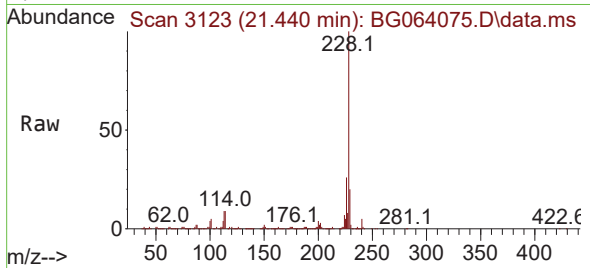
Tgt Ion:149 Resp: 267979
 Ion Ratio Lower Upper
 149 100
 91 81.3 62.0 93.0
 206 18.8 14.6 21.8





#81
Benzo(a)anthracene
Concen: 45.909 ng
RT: 21.440 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

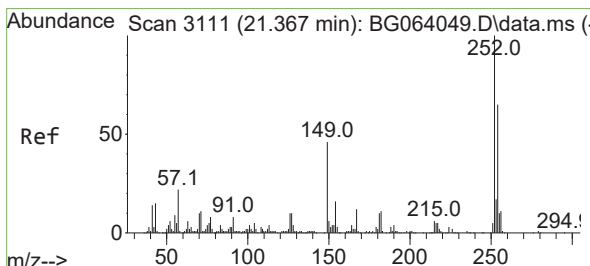
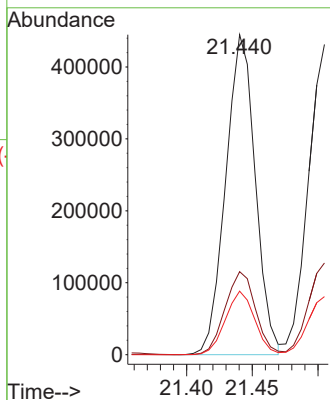
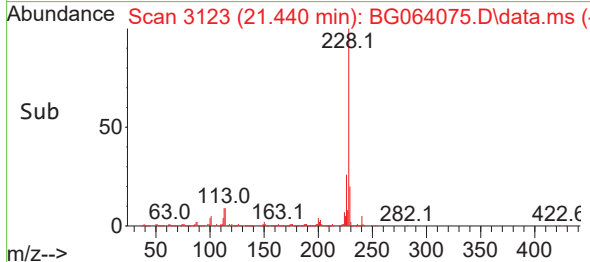
Instrument :
BNA_G
ClientSampleId :
PB167035BS



Tgt Ion:228 Resp: 69757
Ion Ratio Lower Upper
228 100
226 26.0 22.2 33.2
229 19.8 16.4 24.6

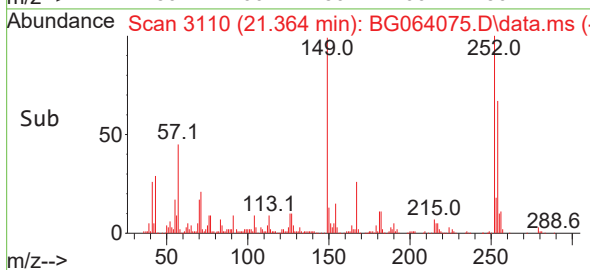
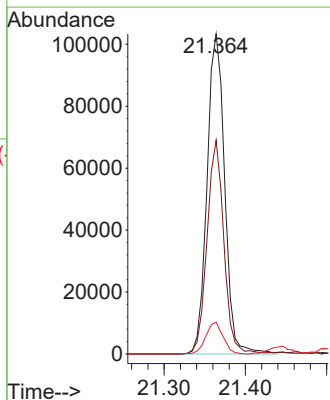
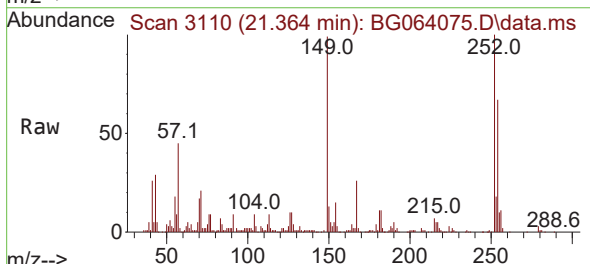
Manual Integrations
APPROVED

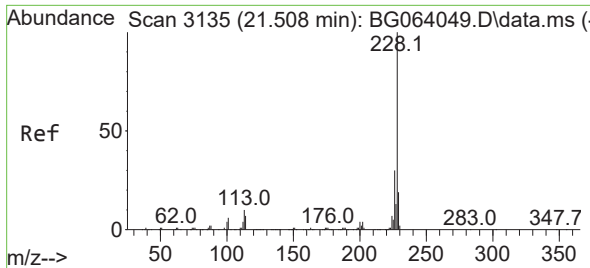
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#82
3,3'-Dichlorobenzidine
Concen: 31.624 ng
RT: 21.364 min Scan# 3110
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

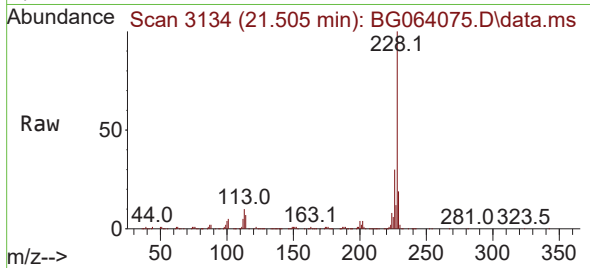
Tgt Ion:252 Resp: 155510
Ion Ratio Lower Upper
252 100
254 66.7 52.1 78.1
126 9.9 7.8 11.8





#83
Chrysene
Concen: 44.780 ng
RT: 21.505 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

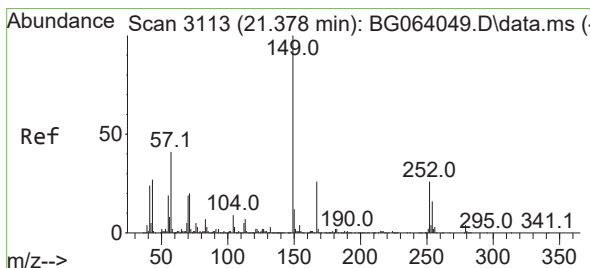
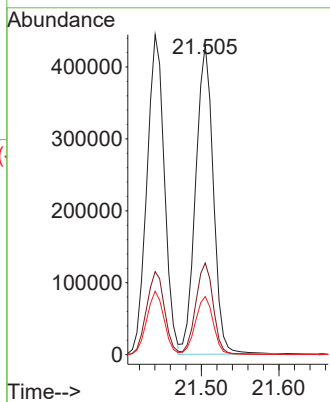
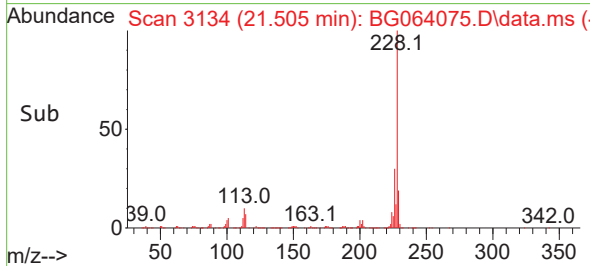
Instrument :
BNA_G
ClientSampleId :
PB167035BS



Tgt Ion:228 Resp: 678619
Ion Ratio Lower Upper
228 100
226 29.5 23.9 35.9
229 18.7 15.3 22.9

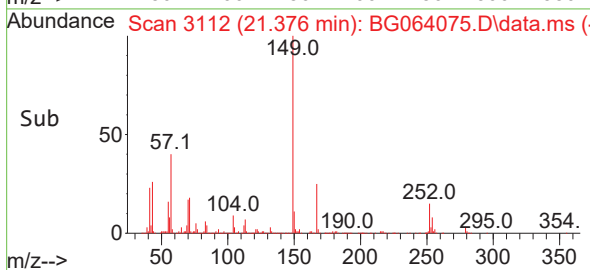
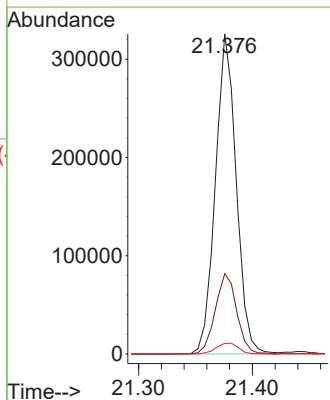
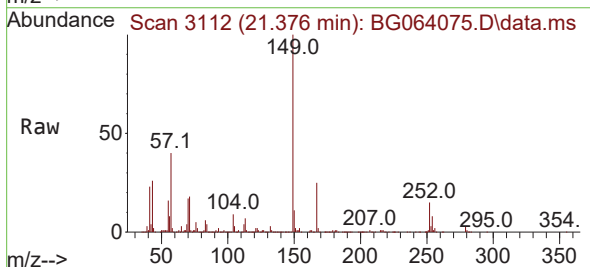
Manual Integrations
APPROVED

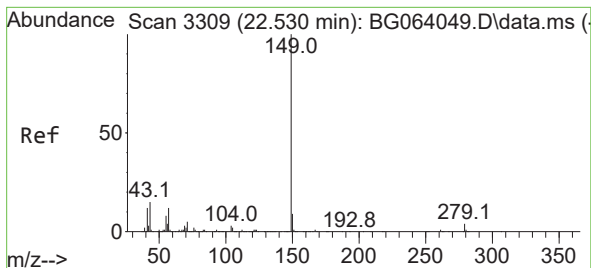
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.498 ng
RT: 21.376 min Scan# 3112
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

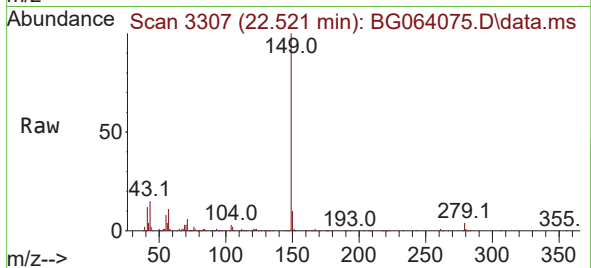
Tgt Ion:149 Resp: 414970
Ion Ratio Lower Upper
149 100
167 25.1 21.0 31.6
279 3.3 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 50.112 ng
RT: 22.521 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

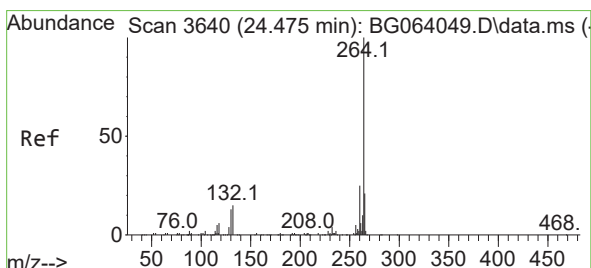
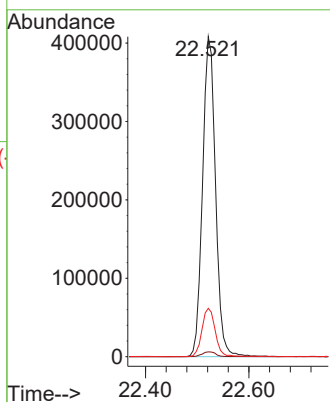
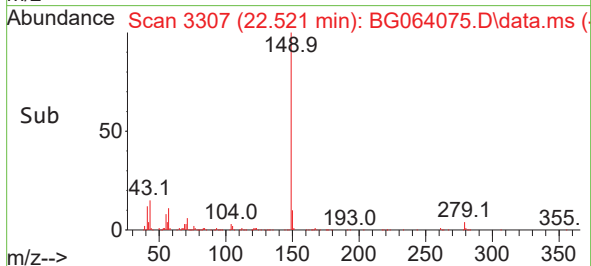
Instrument :
BNA_G
ClientSampleId :
PB167035BS



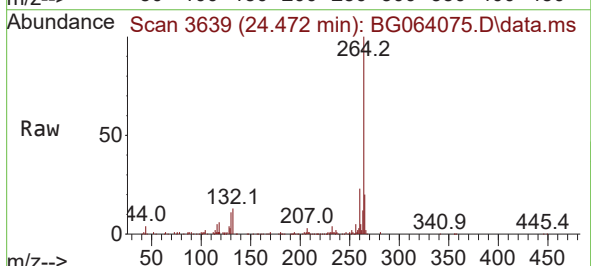
Tgt Ion:149 Resp: 71028
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 15.6 12.6 19.0

Manual Integrations
APPROVED

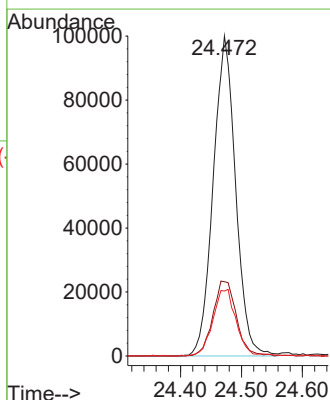
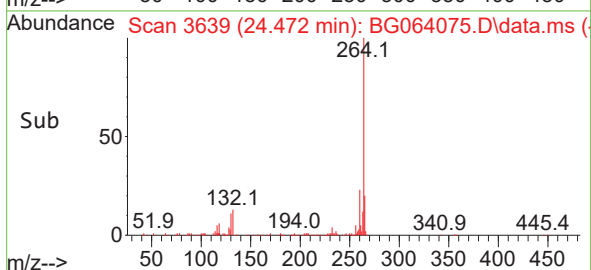
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

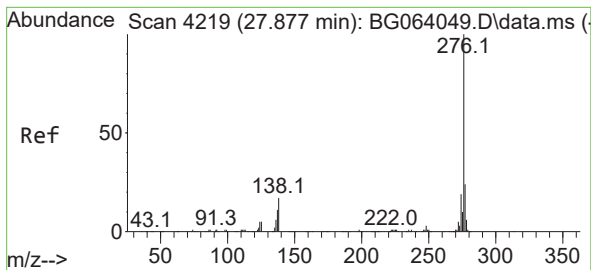


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.472 min Scan# 3639
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44



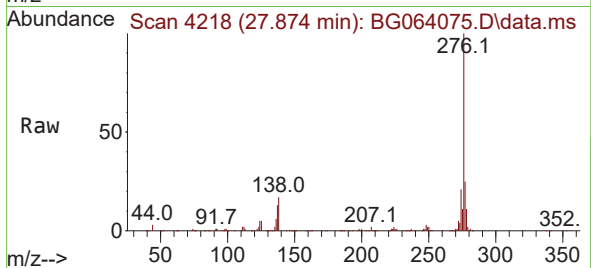
Tgt Ion:264 Resp: 255311
Ion Ratio Lower Upper
264 100
260 23.2 19.6 29.4
265 20.3 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.234 ng
 RT: 27.874 min Scan# 4218
 Delta R.T. -0.003 min
 Lab File: BG064075.D
 Acq: 10 Mar 2025 10:44

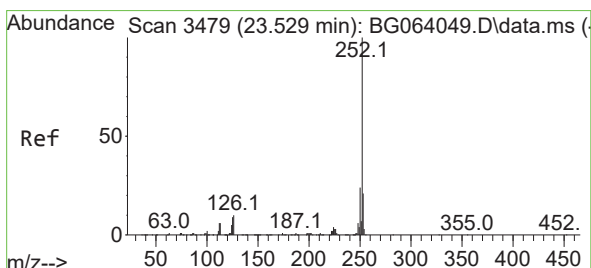
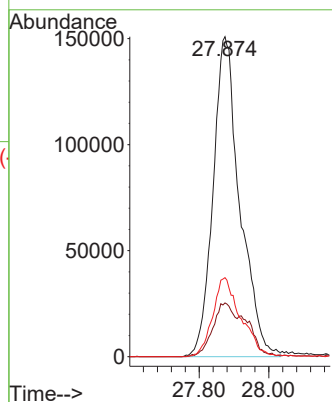
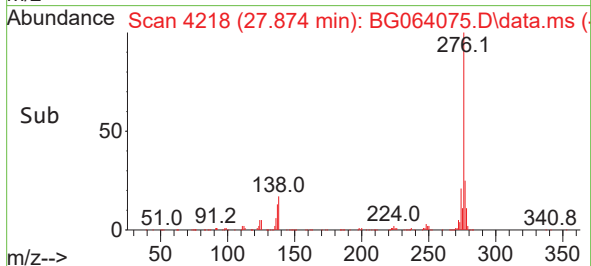
Instrument :
 BNA_G
 ClientSampleId :
 PB167035BS



Tgt Ion:276 Resp: 80687
 Ion Ratio Lower Upper
 276 100
 138 13.7 12.1 18.1
 277 25.7 20.0 30.0

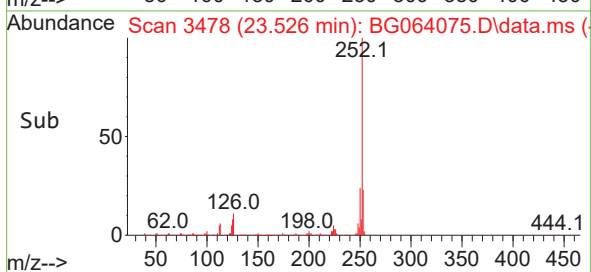
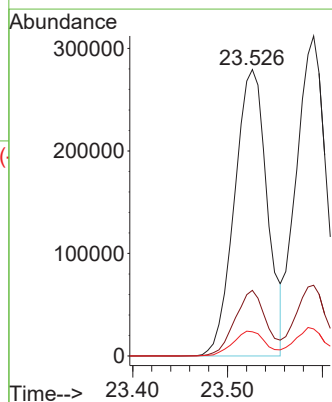
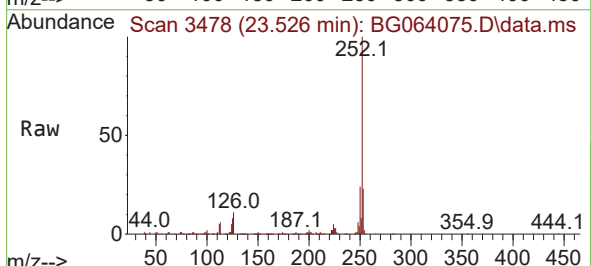
Manual Integrations
 APPROVED

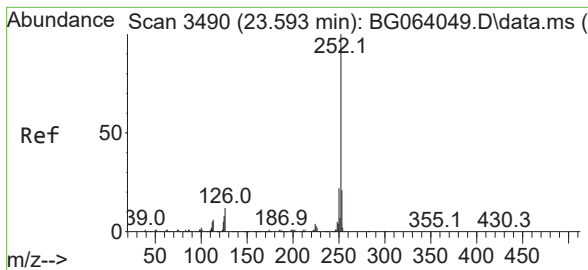
Reviewed By :Anahy Claudio 03/11/2025
 Supervised By :Jagrut Upadhyay 03/11/2025



#88
 Benzo(b)fluoranthene
 Concen: 43.511 ng
 RT: 23.526 min Scan# 3478
 Delta R.T. -0.003 min
 Lab File: BG064075.D
 Acq: 10 Mar 2025 10:44

Tgt Ion:252 Resp: 671571
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.0 25.4
 125 8.4 7.4 11.2





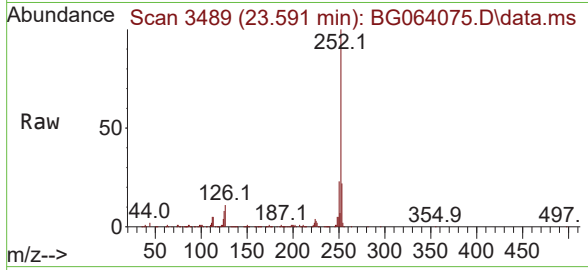
#89
Benzo(k)fluoranthene
Concen: 45.050 ng
RT: 23.591 min Scan# 3490
Delta R.T. -0.003 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

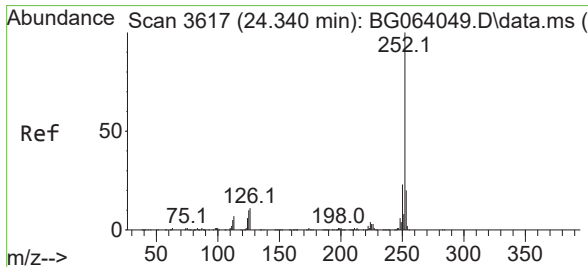
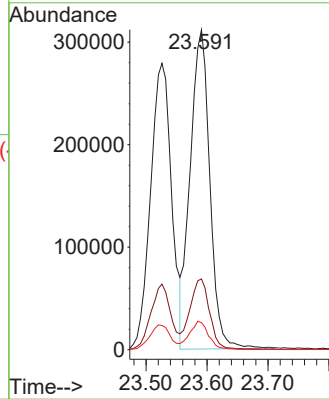


Tgt Ion:252 Resp: 697549
Ion Ratio Lower Upper
252 100
253 22.1 16.8 25.2
125 8.5 6.9 10.3

Manual Integrations

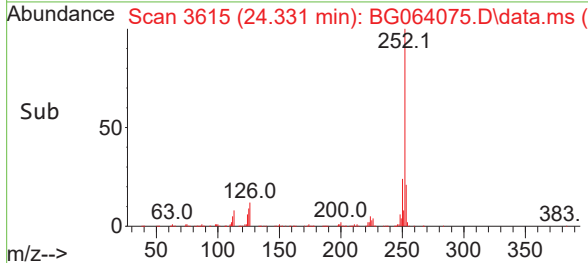
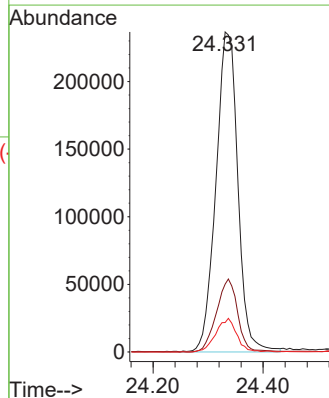
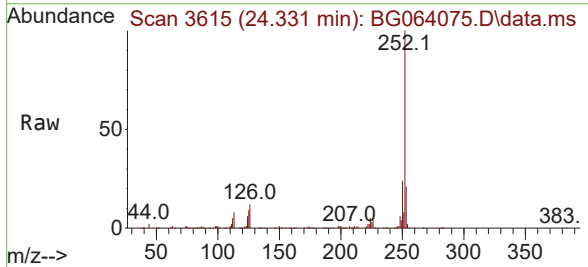
APPROVED

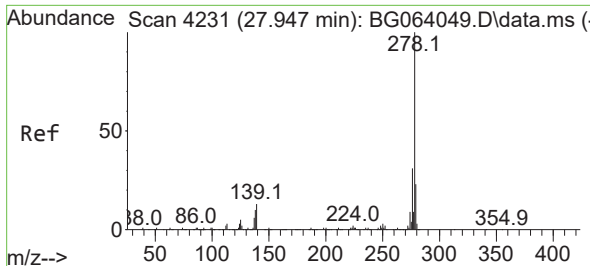
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#90
Benzo(a)pyrene
Concen: 47.655 ng
RT: 24.331 min Scan# 3615
Delta R.T. -0.008 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Tgt Ion:252 Resp: 655055
Ion Ratio Lower Upper
252 100
253 21.2 16.2 24.2
125 9.2 7.8 11.6





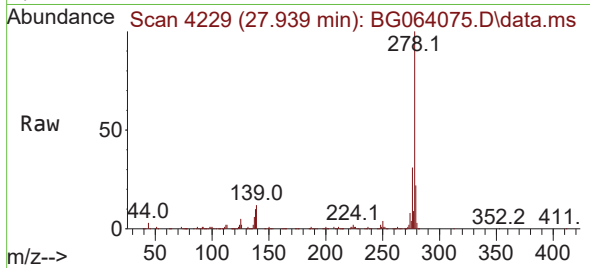
#91
Dibenzo(a,h)anthracene
Concen: 47.685 ng
RT: 27.939 min Scan# 4398
Delta R.T. -0.008 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44

Instrument :

BNA_G

ClientSampleId :

PB167035BS

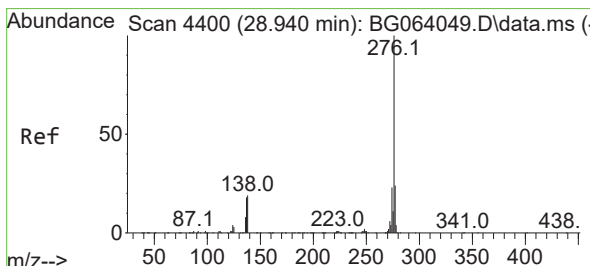
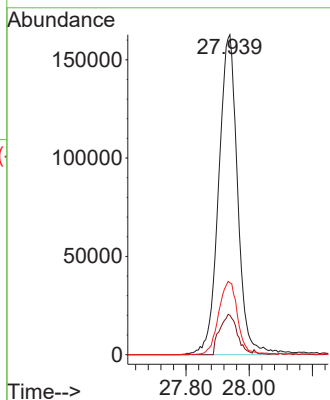
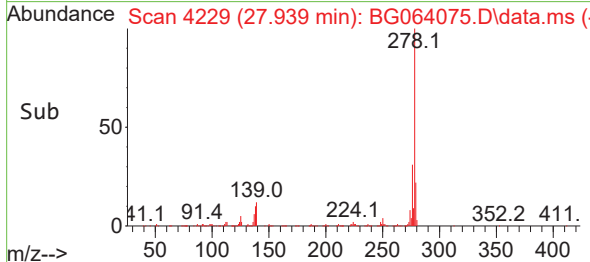


Tgt Ion:278 Resp: 675312
Ion Ratio Lower Upper
278 100
139 12.4 10.2 15.2
279 22.5 18.1 27.1

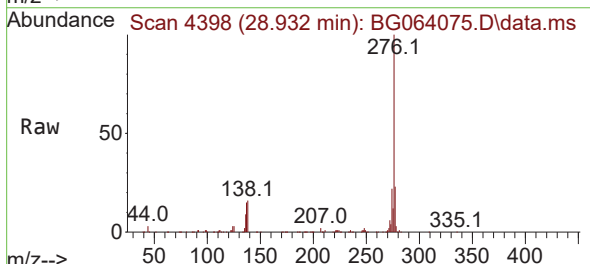
Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#92
Benzo(g,h,i)perylene
Concen: 43.532 ng
RT: 28.932 min Scan# 4398
Delta R.T. -0.008 min
Lab File: BG064075.D
Acq: 10 Mar 2025 10:44



Tgt Ion:276 Resp: 632964
Ion Ratio Lower Upper
276 100
277 23.0 19.5 29.3
138 16.2 15.4 23.0

