

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
 Data File : BG064154.D
 Acq On : 2 Apr 2025 15:44
 Operator : RC/JU
 Sample : Q1674-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT5358MSD

Quant Time: Apr 02 16:38:23 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 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	38629	20.000	ng	0.00
21) Naphthalene-d8	10.647	136	174097	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	116507	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	254861	20.000	ng	0.00
76) Chrysene-d12	21.457	240	251131	20.000	ng	0.00
86) Perylene-d12	24.466	264	271943	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.453	112	230242	93.067	ng	0.00
7) Phenol-d6	7.027	99	300510	89.291	ng	0.00
23) Nitrobenzene-d5	9.013	82	202775	64.365	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	140094	108.176	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	483665	63.013	ng	0.00
79) Terphenyl-d14	19.842	244	782004	62.964	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.373	88	41694	37.187	ng	97
3) Pyridine	3.760	79	117412	43.060	ng	94
4) n-Nitrosodimethylamine	3.672	42	87628	44.979	ng	98
6) Aniline	7.192	93	118792	35.971	ng	95
8) 2-Chlorophenol	7.427	128	145347	54.703	ng	94
9) Benzaldehyde	6.998	77	96825	49.467	ng	93
10) Phenol	7.057	94	187597	54.443	ng	96
11) bis(2-Chloroethyl)ether	7.286	93	130213	48.202	ng	99
12) 1,3-Dichlorobenzene	7.750	146	150567	51.604	ng	99
13) 1,4-Dichlorobenzene	7.897	146	152756	51.077	ng	99
14) 1,2-Dichlorobenzene	8.208	146	149243	51.751	ng	99
15) Benzyl Alcohol	8.097	79	146491	56.328	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.390	45	299468m	49.301	ng	
17) 2-Methylphenol	8.302	107	127735	55.855	ng	97
18) Hexachloroethane	8.943	117	60461	57.782	ng	92
19) n-Nitroso-di-n-propyla...	8.661	70	117658	49.815	ng	99
20) 3+4-Methylphenols	8.625	107	173827	55.212	ng	94
22) Acetophenone	8.678	105	232360	48.678	ng	# 97
24) Nitrobenzene	9.054	77	175815	54.001	ng	95
25) Isophorone	9.577	82	318364	50.488	ng	# 94
26) 2-Nitrophenol	9.759	139	73931	61.669	ng	# 93
27) 2,4-Dimethylphenol	9.830	122	142971	75.633	ng	99
28) bis(2-Chloroethoxy)met...	10.059	93	186935	48.898	ng	97
29) 2,4-Dichlorophenol	10.294	162	133670	56.000	ng	96
30) 1,2,4-Trichlorobenzene	10.511	180	149536	51.895	ng	95
31) Naphthalene	10.699	128	461601	49.170	ng	99
32) Benzoic acid	9.977	122	108416m	59.839	ng	
33) 4-Chloroaniline	10.799	127	60217	17.550	ng	98
34) Hexachlorobutadiene	10.987	225	102578	54.311	ng	93
35) Caprolactam	11.575	113	46433m	50.762	ng	
36) 4-Chloro-3-methylphenol	11.927	107	169593	54.203	ng	97
37) 2-Methylnaphthalene	12.309	142	304090	45.884	ng	98
38) 1-Methylnaphthalene	12.527	142	318849	49.107	ng	100
40) 1,2,4,5-Tetrachloroben...	12.674	216	174657	52.510	ng	95
41) Hexachlorocyclopentadiene	12.662	237	216215	230.959	ng	94
43) 2,4,6-Trichlorophenol	12.914	196	121055	61.752	ng	94

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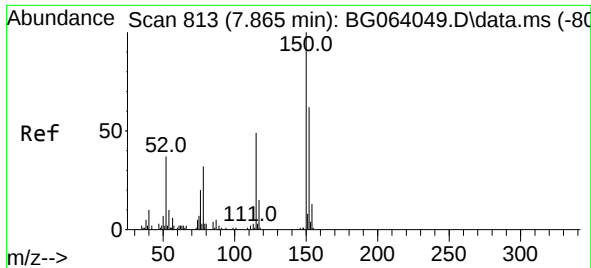
Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025

Quant Time: Apr 02 16:38:23 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	12.985	196	133357	61.223	ng	95
46) 1,1'-Biphenyl	13.320	154	461240	52.400	ng	99
47) 2-Chloronaphthalene	13.361	162	340021	52.965	ng	100
48) 2-Nitroaniline	13.555	65	127220	57.413	ng	94
49) Acenaphthylene	14.207	152	562447	55.391	ng	99
50) Dimethylphthalate	13.943	163	427356	49.691	ng	99
51) 2,6-Dinitrotoluene	14.054	165	93144	53.008	ng	96
52) Acenaphthene	14.548	154	342367	50.240	ng	96
53) 3-Nitroaniline	14.383	138	54400	32.728	ng	96
54) 2,4-Dinitrophenol	14.589	184	105587	138.728	ng	# 79
55) Dibenzofuran	14.883	168	536722	48.618	ng	97
56) 4-Nitrophenol	14.695	139	166432	119.389	ng	92
57) 2,4-Dinitrotoluene	14.842	165	137380	56.376	ng	# 99
58) Fluorene	15.529	166	431065	50.134	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.106	232	126707	59.668	ng	# 96
60) Diethylphthalate	15.312	149	455364	48.773	ng	99
61) 4-Chlorophenyl-phenyle...	15.529	204	210591	49.287	ng	91
62) 4-Nitroaniline	15.553	138	96290	53.657	ng	96
63) Azobenzene	15.817	77	493984	49.583	ng	97
65) 4,6-Dinitro-2-methylph...	15.605	198	76291	65.664	ng	94
66) n-Nitrosodiphenylamine	15.741	169	382963	53.085	ng	97
67) 4-Bromophenyl-phenylether	16.416	248	141903	54.364	ng	95
68) Hexachlorobenzene	16.534	284	155398	53.177	ng	97
69) Atrazine	16.692	200	150970	71.124	ng	97
70) Pentachlorophenol	16.875	266	209537	115.484	ng	96
71) Phenanthrene	17.268	178	718276	52.839	ng	99
72) Anthracene	17.356	178	720140	53.276	ng	99
73) Carbazole	17.627	167	652542	51.706	ng	99
74) Di-n-butylphthalate	18.197	149	777903	52.365	ng	100
75) Fluoranthene	19.278	202	872384	53.232	ng	97
77) Benzidine	19.454	184	264634	76.100	ng	100
78) Pyrene	19.636	202	866360	53.517	ng	99
80) Butylbenzylphthalate	20.535	149	354238	57.533	ng	98
81) Benzo(a)anthracene	21.434	228	868899	54.014	ng	98
82) 3,3'-Dichlorobenzidine	21.358	252	139361	26.768	ng	98
83) Chrysene	21.499	228	822163	51.243	ng	98
84) Bis(2-ethylhexyl)phtha...	21.369	149	521959	59.995	ng	99
85) Di-n-octyl phthalate	22.509	149	890964	59.373	ng	97
87) Indeno(1,2,3-cd)pyrene	27.862	276	1037291	57.009	ng	98
88) Benzo(b)fluoranthene	23.520	252	864000	52.555	ng	99
89) Benzo(k)fluoranthene	23.578	252	847991	51.416	ng	99
90) Benzo(a)pyrene	24.331	252	825027	56.349	ng	98
91) Dibenzo(a,h)anthracene	27.926	278	839983	55.685	ng	98
92) Benzo(g,h,i)perylene	28.919	276	817142	52.762	ng	97

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



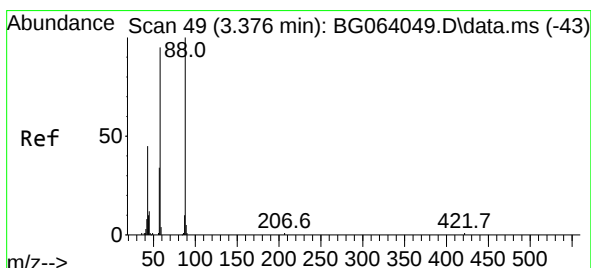
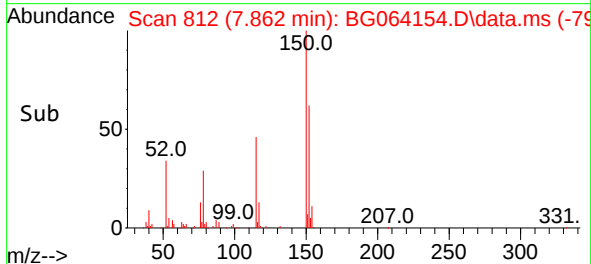
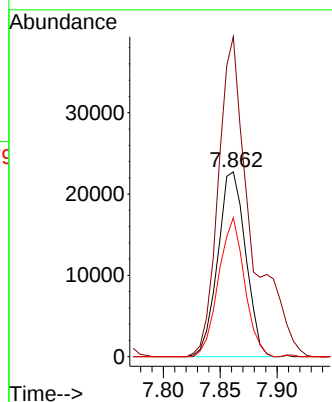
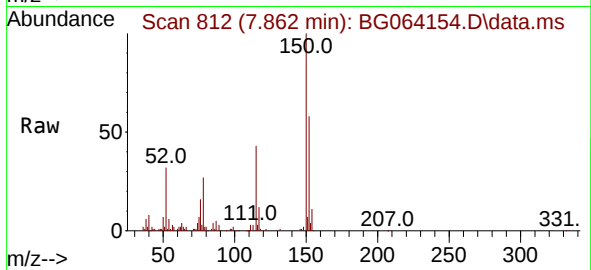
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 813
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Instrument :
BNA_G
ClientSampleId :
RT5358MSD

Tgt Ion:152 Resp: 38629
Ion Ratio Lower Upper
152 100
150 173.1 129.2 193.8
115 75.1 63.0 94.6

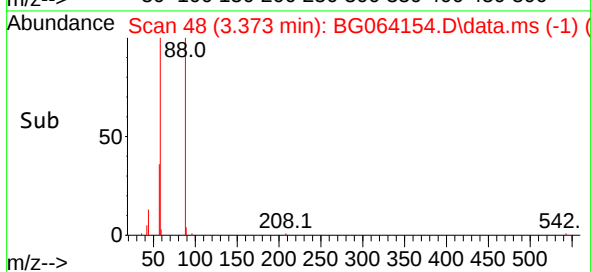
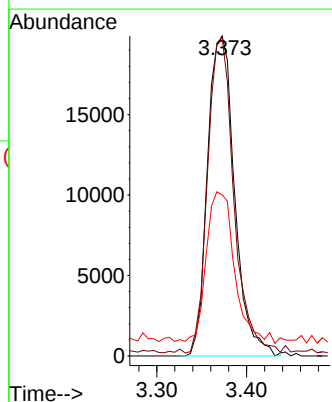
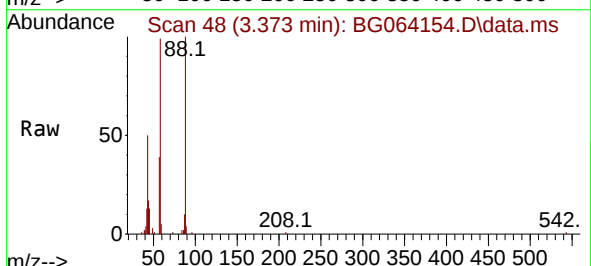
Manual Integrations
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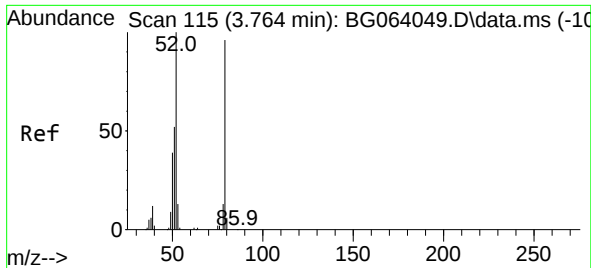
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#2
1,4-Dioxane
Concen: 37.187 ng
RT: 3.373 min Scan# 48
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

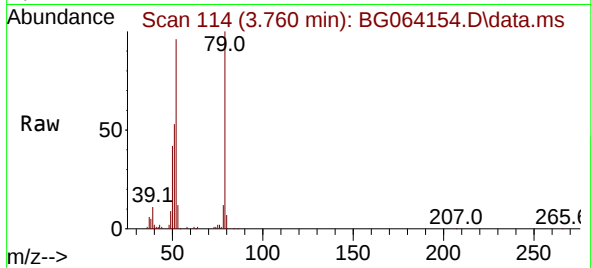
Tgt Ion: 88 Resp: 41694
Ion Ratio Lower Upper
88 100
58 95.0 74.6 111.8
43 47.8 35.5 53.3





#3
Pyridine
Concen: 43.060 ng
RT: 3.760 min Scan# 115
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

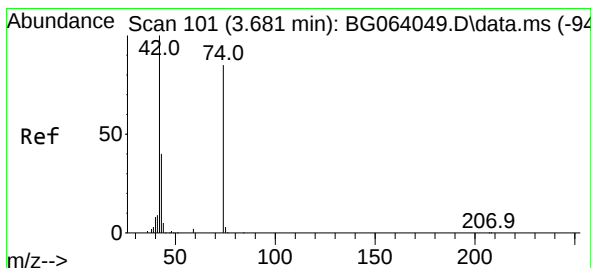
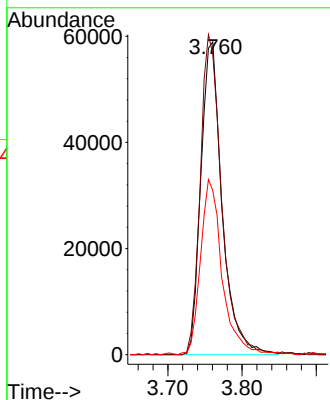
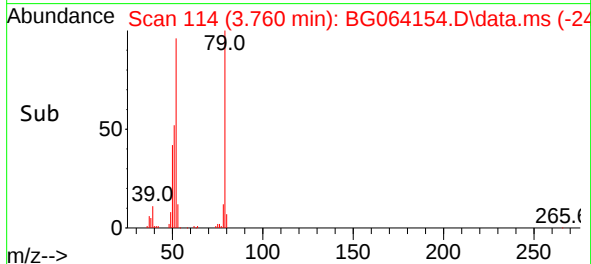
Instrument :
BNA_G
ClientSampleId :
RT5358MSD



Tgt Ion: 79 Resp: 117412
Ion Ratio Lower Upper
79 100
52 96.2 83.0 124.6
51 52.5 44.3 66.5

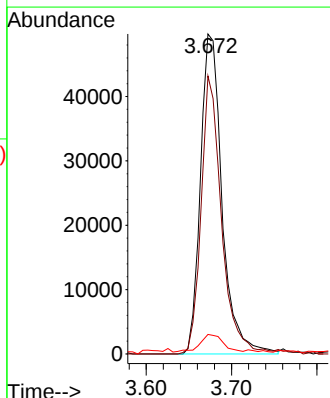
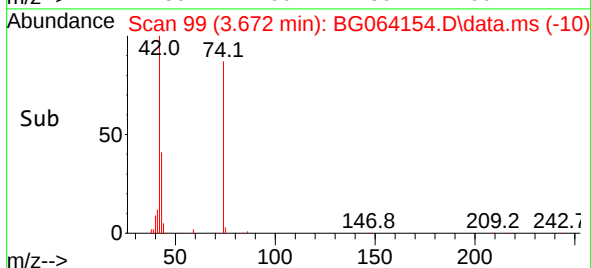
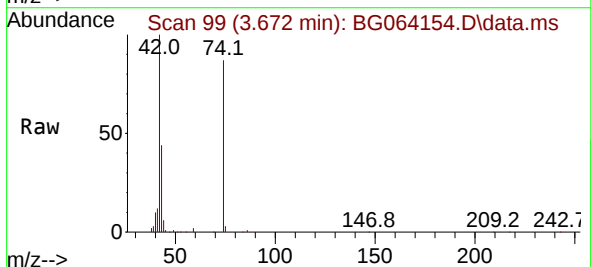
Manual Integrations
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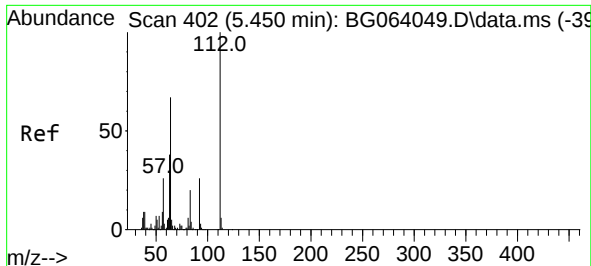
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#4
n-Nitrosodimethylamine
Concen: 44.979 ng
RT: 3.672 min Scan# 99
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

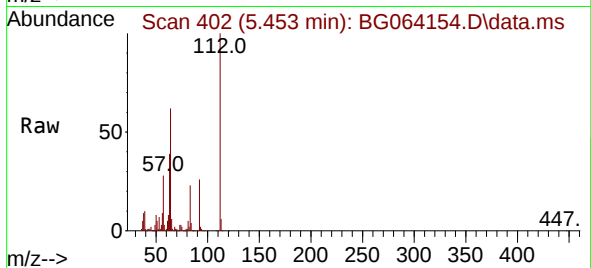
Tgt Ion: 42 Resp: 87628
Ion Ratio Lower Upper
42 100
74 86.9 68.0 102.0
44 6.1 4.9 7.3





#5
2-Fluorophenol
Concen: 93.067 ng
RT: 5.453 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

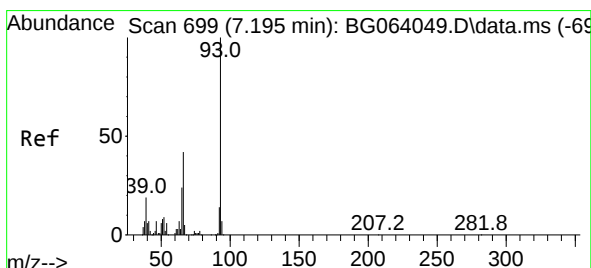
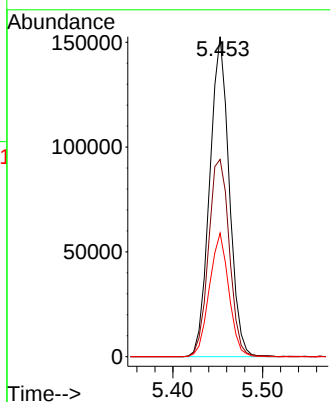
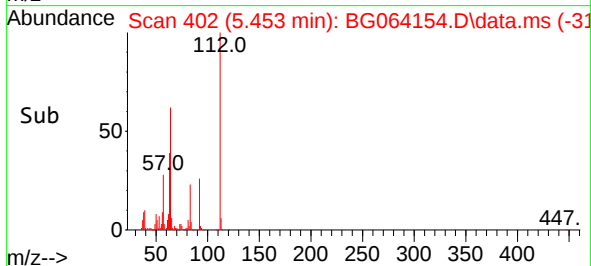
Instrument :
BNA_G
ClientSampleId :
RT5358MSD



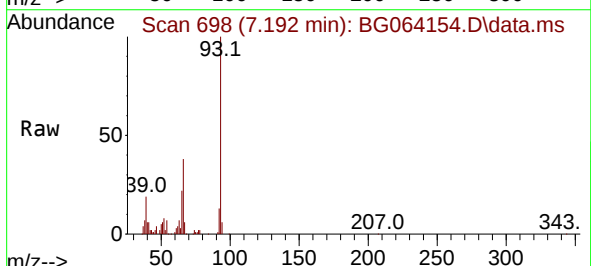
Tgt Ion:112 Resp: 23024
Ion Ratio Lower Upper
112 100
64 61.7 53.7 80.5
63 38.6 30.2 45.4

Manual Integrations
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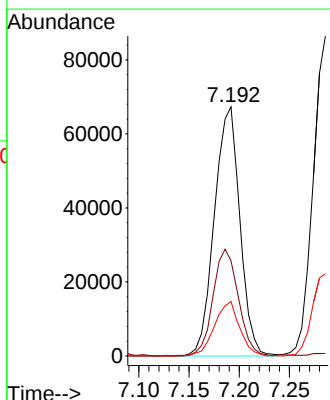
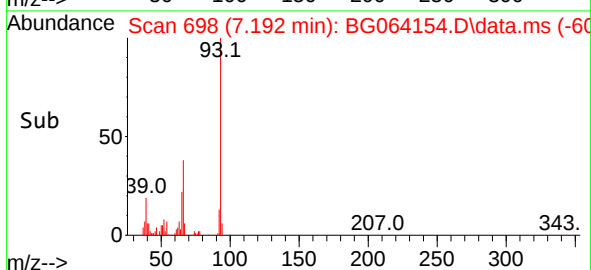
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

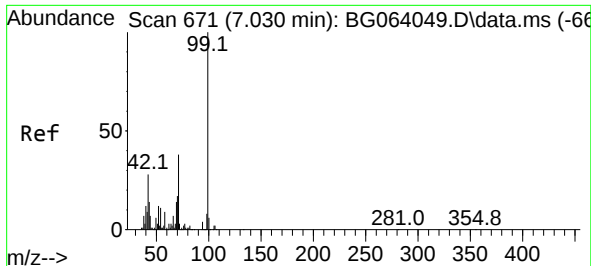


#6
Aniline
Concen: 35.971 ng
RT: 7.192 min Scan# 698
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44



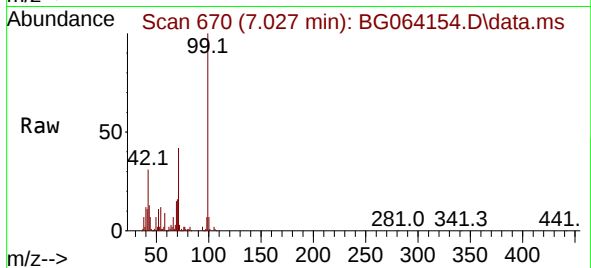
Tgt Ion: 93 Resp: 118792
Ion Ratio Lower Upper
93 100
66 38.2 33.7 50.5
65 21.9 19.1 28.7





#7
Phenol-d6
Concen: 89.291 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

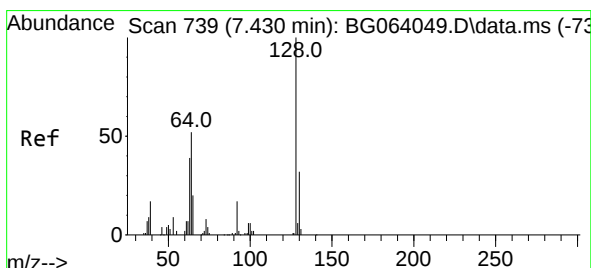
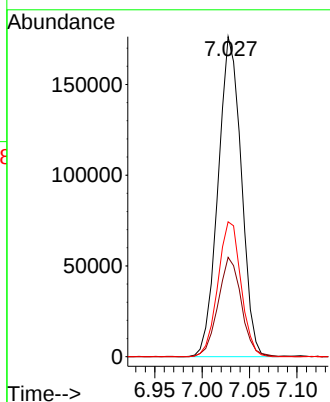
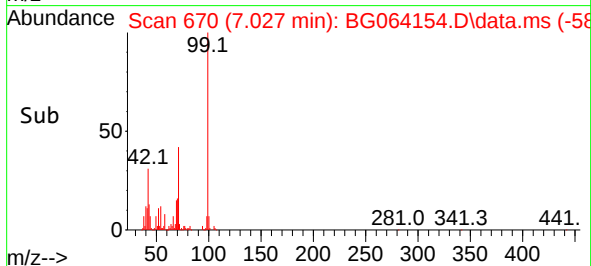
Instrument :
BNA_G
ClientSampleId :
RT5358MSD



Tgt Ion: 99 Resp: 300510
Ion Ratio Lower Upper
99 100
42 31.1 22.7 34.1
71 42.2 30.6 46.0

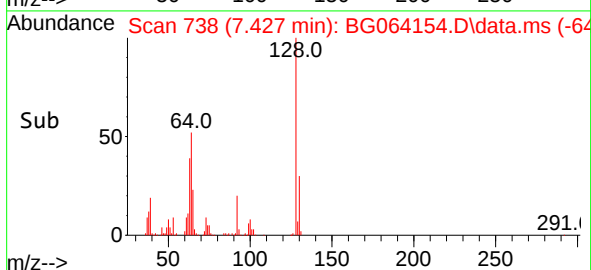
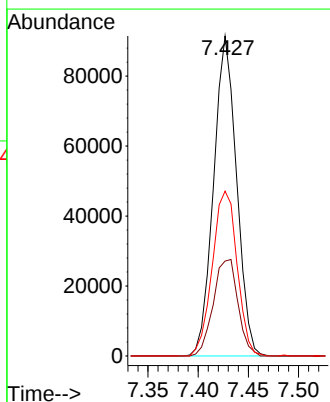
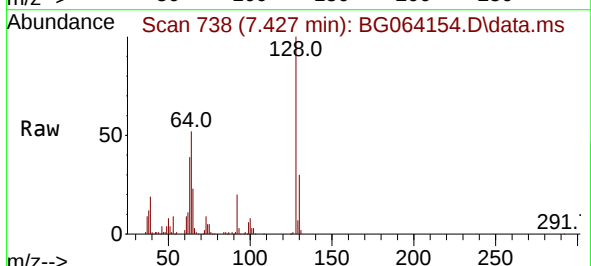
Manual Integrations
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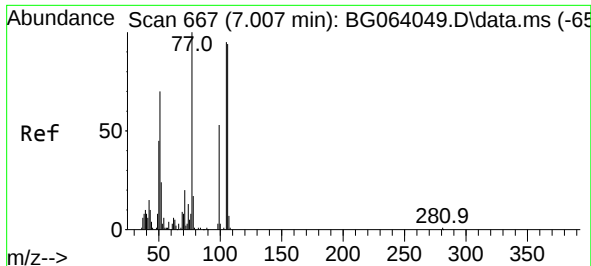
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#8
2-Chlorophenol
Concen: 54.703 ng
RT: 7.427 min Scan# 738
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Tgt Ion:128 Resp: 145347
Ion Ratio Lower Upper
128 100
130 29.6 12.3 52.3
64 51.5 37.0 77.0





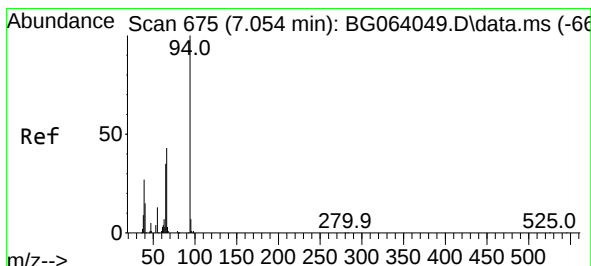
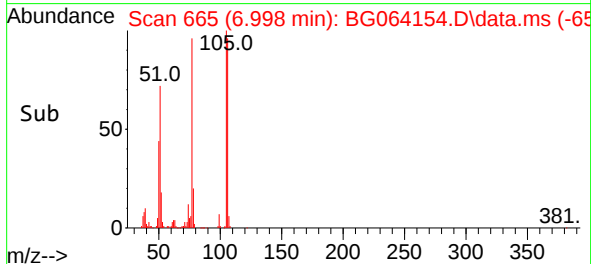
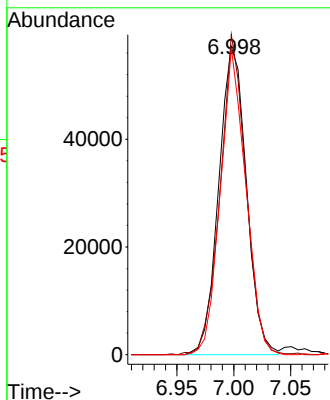
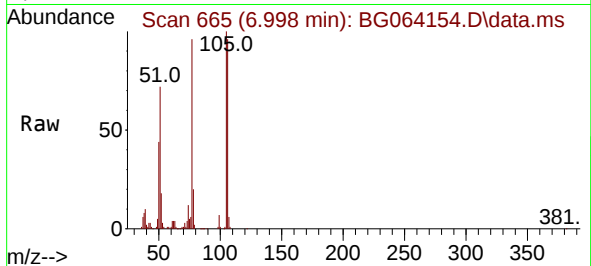
#9
Benzaldehyde
Concen: 49.467 ng
RT: 6.998 min Scan# 665
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Instrument :
BNA_G
ClientSampleId :
RT5358MSD

Tgt Ion: 77 Resp: 96825
Ion Ratio Lower Upper
77 100
105 103.8 75.5 115.5
106 99.5 74.2 114.2

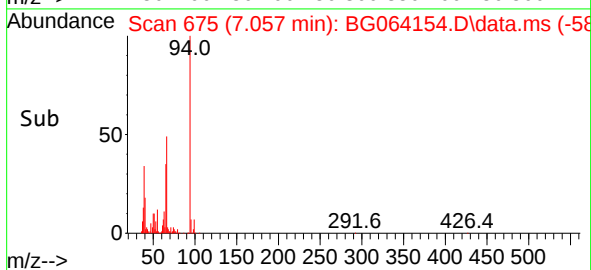
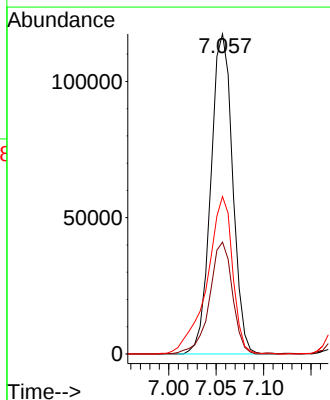
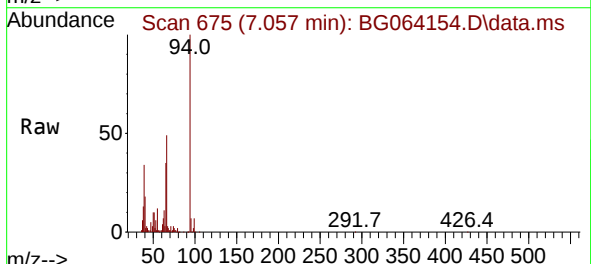
Manual Integrations
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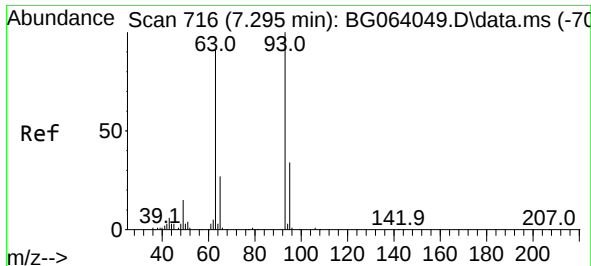
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#10
Phenol
Concen: 54.443 ng
RT: 7.057 min Scan# 675
Delta R.T. 0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

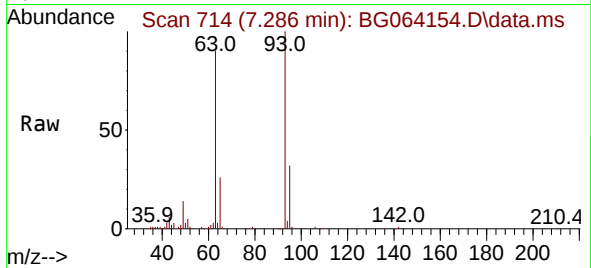
Tgt Ion: 94 Resp: 187597
Ion Ratio Lower Upper
94 100
65 35.0 15.2 55.2
66 49.2 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 48.202 ng
RT: 7.286 min Scan# 716
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

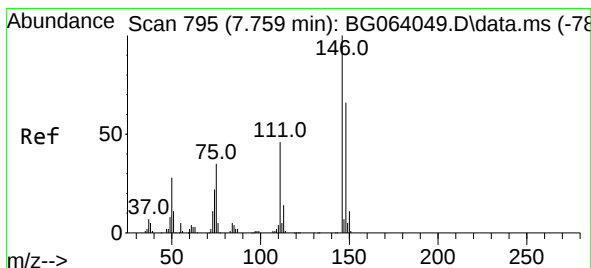
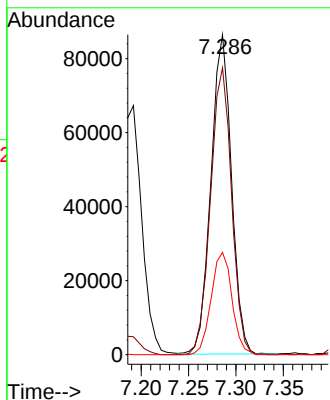
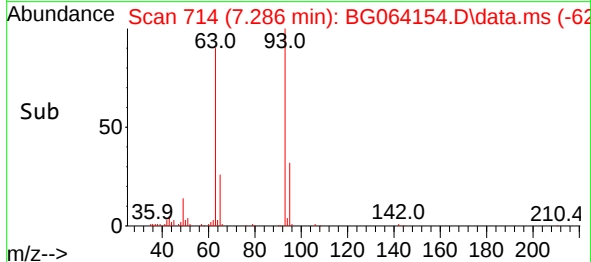
Instrument :
BNA_G
ClientSampleId :
RT5358MSD



Tgt Ion: 93 Resp: 13021
Ion Ratio Lower Upper
93 100
63 89.6 70.0 110.0
95 32.0 13.7 53.7

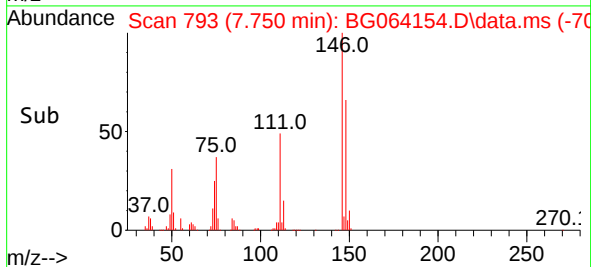
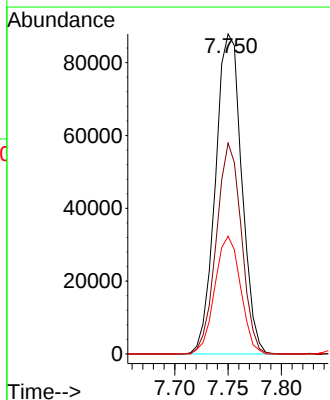
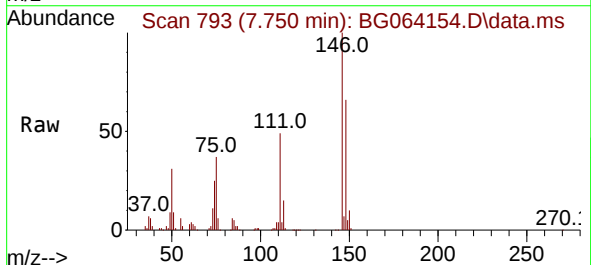
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#12
1,3-Dichlorobenzene
Concen: 51.604 ng
RT: 7.750 min Scan# 793
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

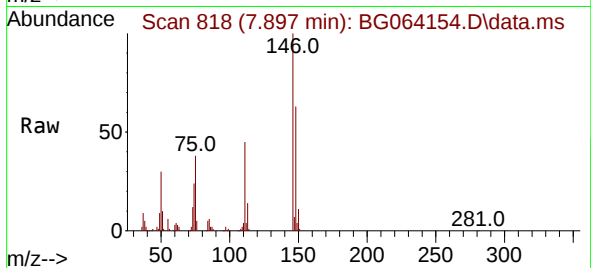
Tgt Ion:146 Resp: 150567
Ion Ratio Lower Upper
146 100
148 65.9 52.6 78.8
75 36.8 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 51.077 ng
RT: 7.897 min Scan# 819
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

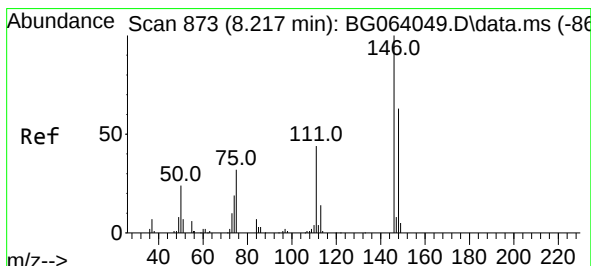
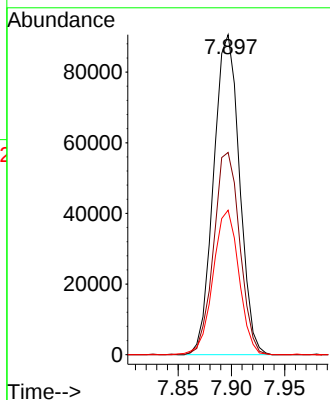
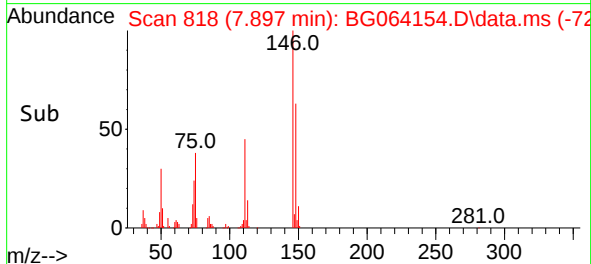
Instrument :
BNA_G
ClientSampleId :
RT5358MSD



Tgt Ion:146 Resp: 152750
Ion Ratio Lower Upper
146 100
148 63.2 50.6 75.8
111 45.1 35.1 52.7

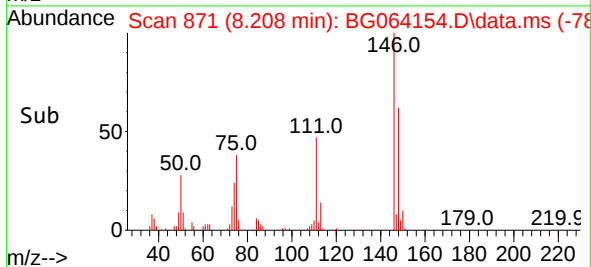
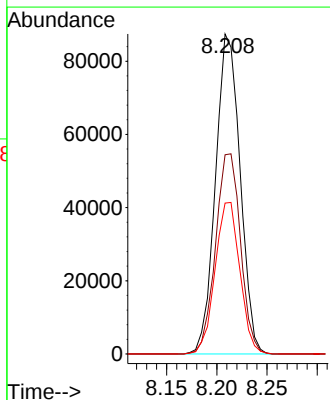
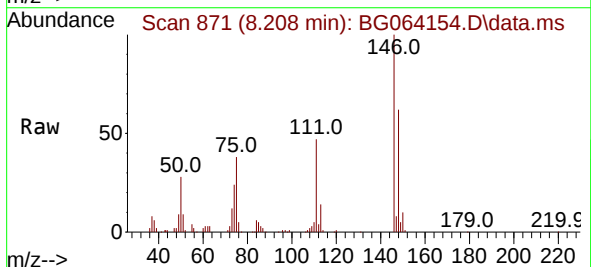
Manual Integrations
APPROVED

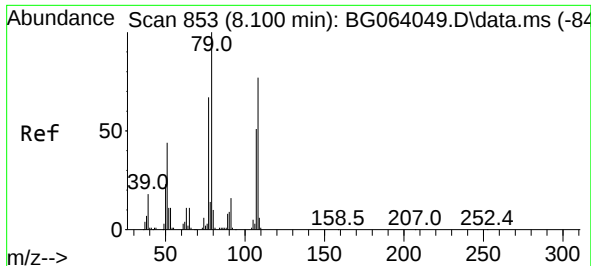
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#14
1,2-Dichlorobenzene
Concen: 51.751 ng
RT: 8.208 min Scan# 871
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

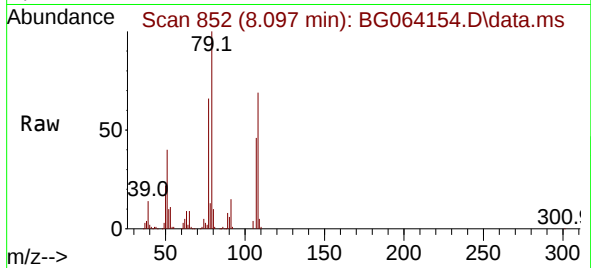
Tgt Ion:146 Resp: 149243
Ion Ratio Lower Upper
146 100
148 62.2 50.2 75.2
111 47.2 36.4 54.6





#15
Benzyl Alcohol
Concen: 56.328 ng
RT: 8.097 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

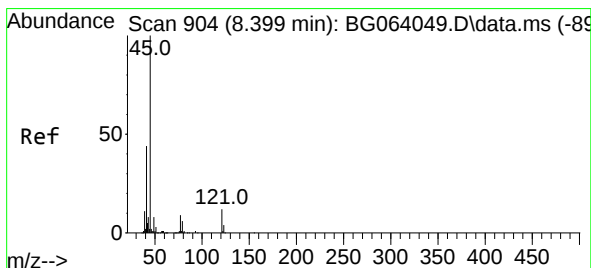
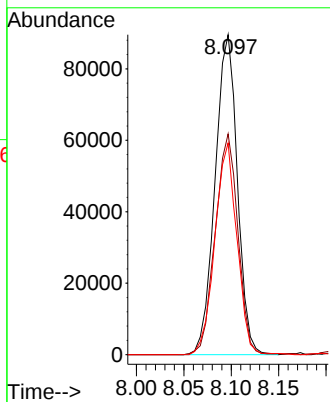
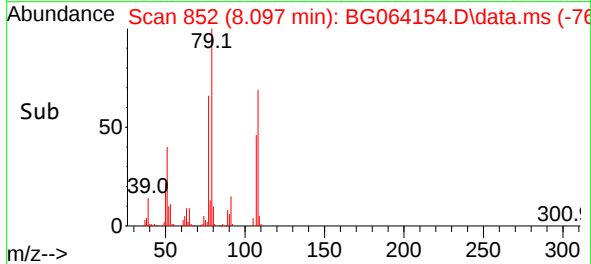
Instrument :
BNA_G
ClientSampleId :
RT5358MSD



Tgt Ion: 79 Resp: 14649
Ion Ratio Lower Upper
79 100
108 69.0 61.7 92.5
77 66.1 53.9 80.9

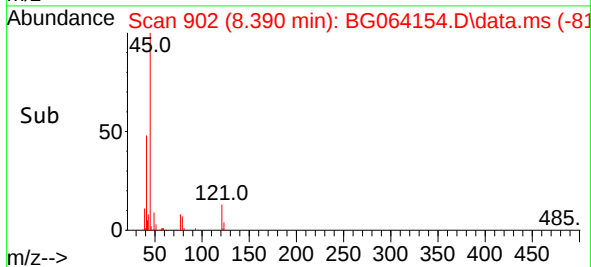
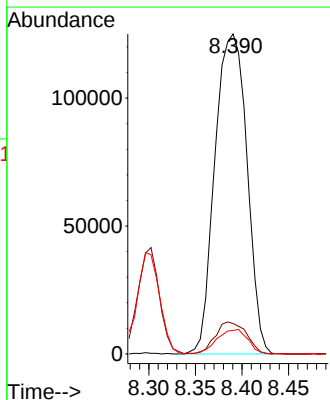
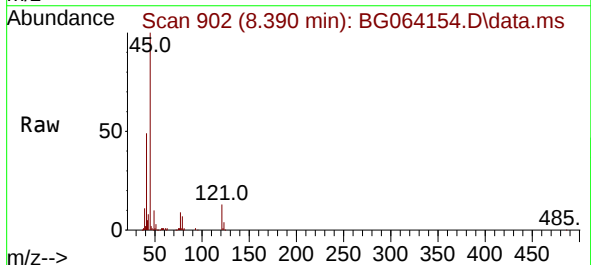
Manual Integrations
APPROVED

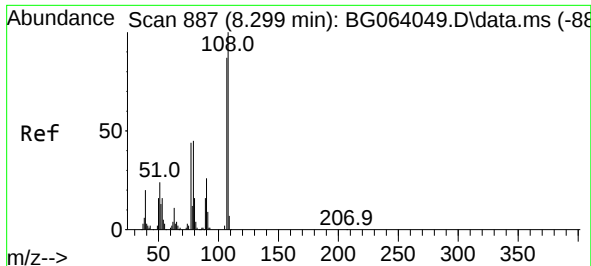
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.301 ng m
RT: 8.390 min Scan# 902
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Tgt Ion: 45 Resp: 299468
Ion Ratio Lower Upper
45 100
77 9.5 0.0 29.0
79 7.4 0.0 26.6





#17

2-Methylphenol

Concen: 55.855 ng

RT: 8.302 min Scan# 887

Delta R.T. 0.003 min

Lab File: BG064154.D

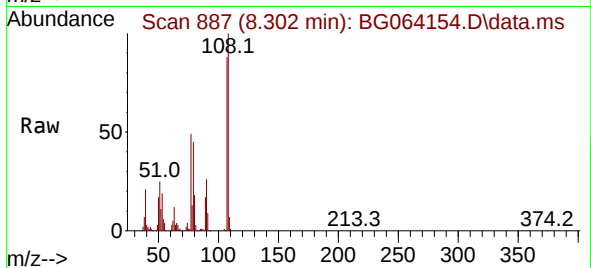
Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

RT5358MSD



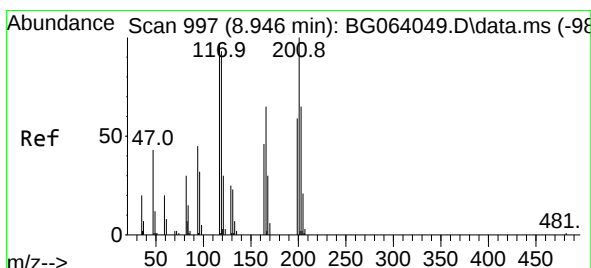
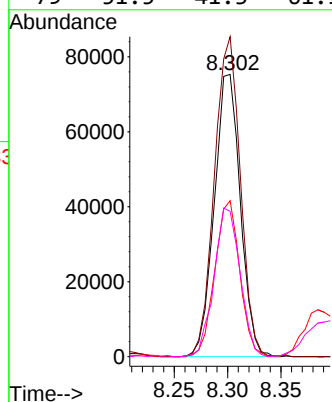
Tgt Ion:	107	Resp:	12773
Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.5	138.7
77	55.3	40.5	60.7
79	51.5	41.3	61.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#18

Hexachloroethane

Concen: 57.782 ng

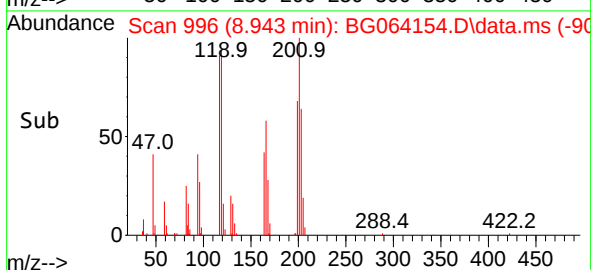
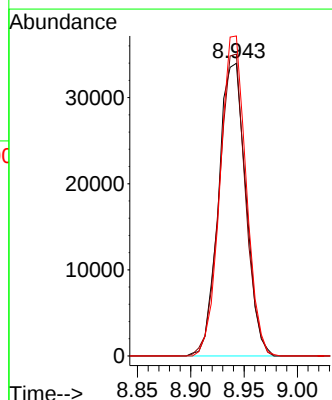
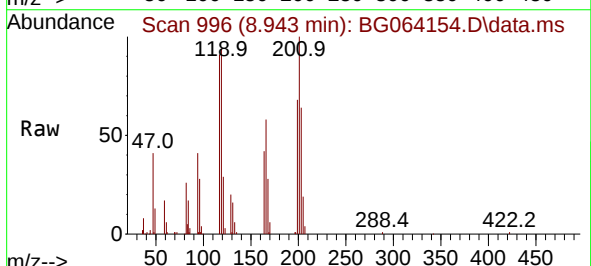
RT: 8.943 min Scan# 996

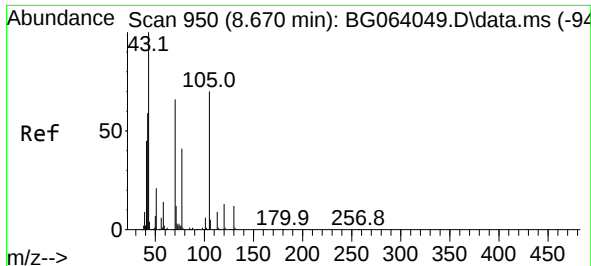
Delta R.T. -0.003 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

Tgt Ion:	117	Resp:	60461
Ion	Ratio	Lower	Upper
117	100		
119	103.2	76.2	114.2
201	109.3	81.5	122.3





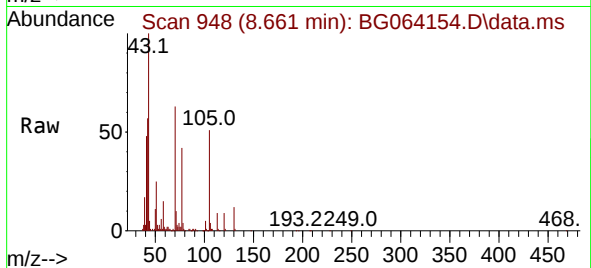
#19
n-Nitroso-di-n-propylamine
Concen: 49.815 ng
RT: 8.661 min Scan# 948
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

RT5358MSD

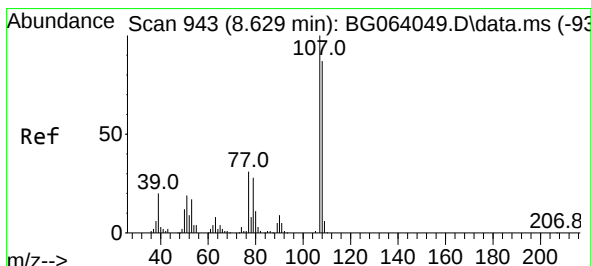
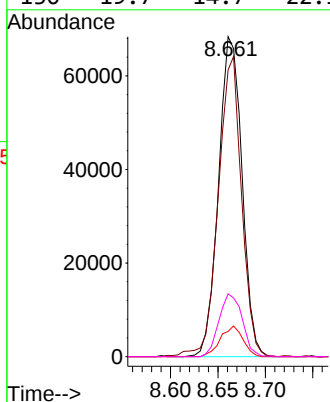
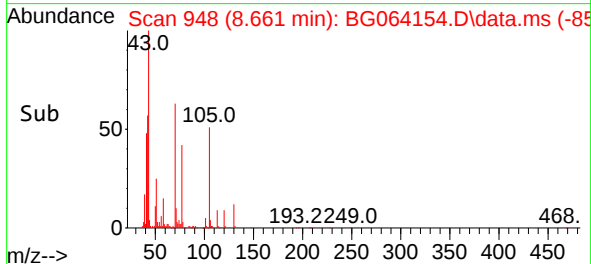


Tgt Ion: 70 Resp: 117658
Ion Ratio Lower Upper
70 100
42 89.6 72.1 108.1
101 7.9 7.2 10.8
130 19.7 14.7 22.1

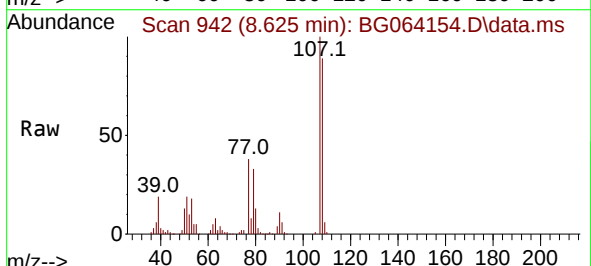
Manual Integrations

APPROVED

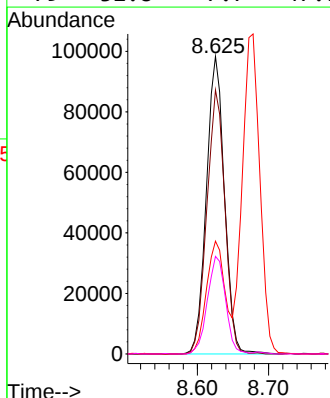
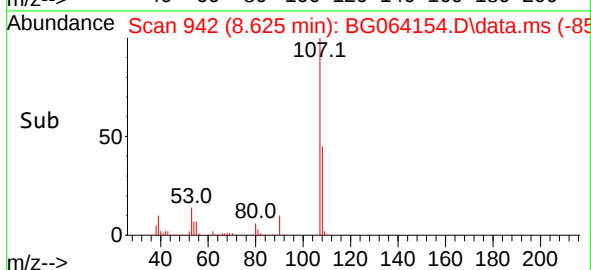
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

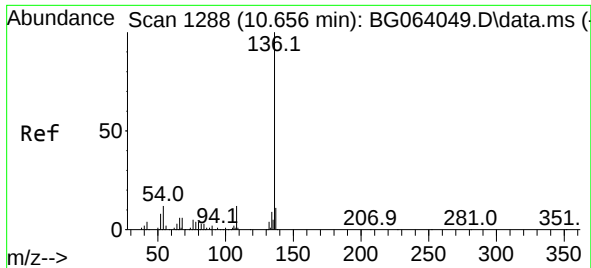


#20
3+4-Methylphenols
Concen: 55.212 ng
RT: 8.625 min Scan# 942
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44



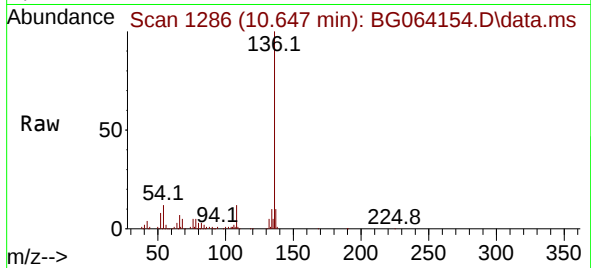
Tgt Ion:107 Resp: 173827
Ion Ratio Lower Upper
107 100
108 88.7 67.0 107.0
77 37.9 11.2 51.2
79 32.8 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 1286
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

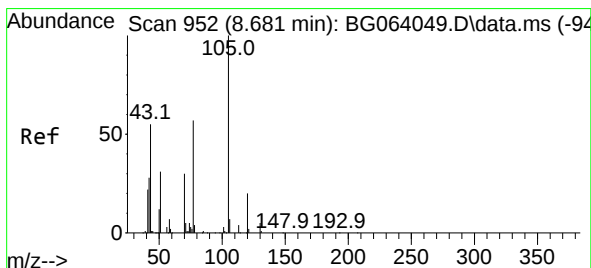
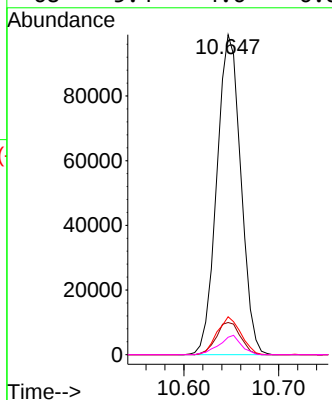
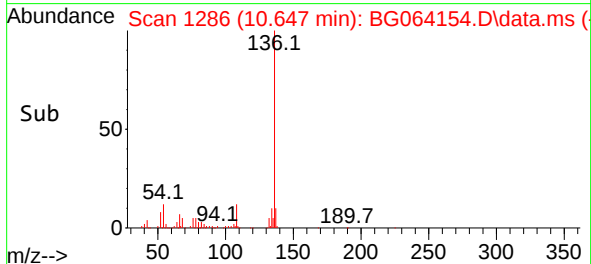
Instrument :
BNA_G
ClientSampleId :
RT5358MSD



Tgt Ion:136 Resp: 17409
Ion Ratio Lower Upper
136 100
137 10.0 8.5 12.7
54 11.9 9.9 14.9
68 5.4 4.6 6.8

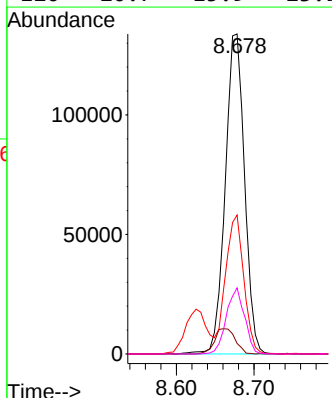
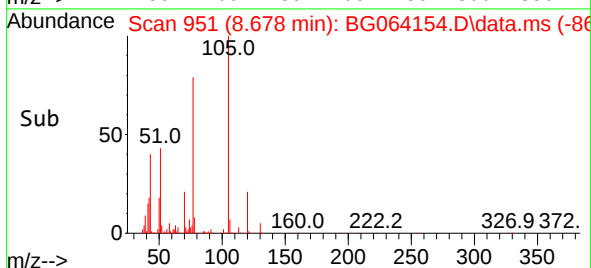
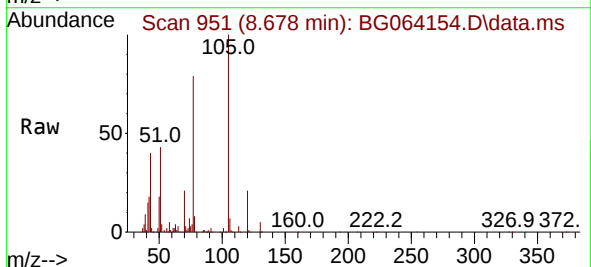
Manual Integrations
APPROVED

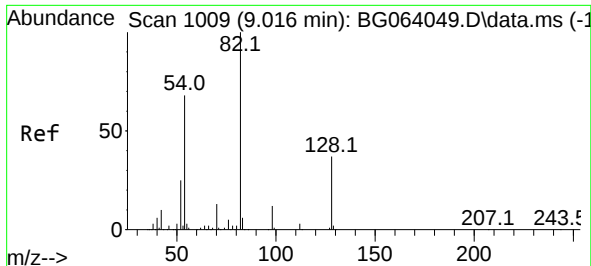
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#22
Acetophenone
Concen: 48.678 ng
RT: 8.678 min Scan# 951
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Tgt Ion:105 Resp: 232360
Ion Ratio Lower Upper
105 100
71 3.3 4.2 6.4#
51 43.4 33.3 49.9
120 20.7 15.9 23.9





#23

Nitrobenzene-d5

Concen: 64.365 ng

RT: 9.013 min Scan# 1008

Delta R.T. -0.003 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

RT5358MSD

Tgt Ion: 82 Resp: 202775

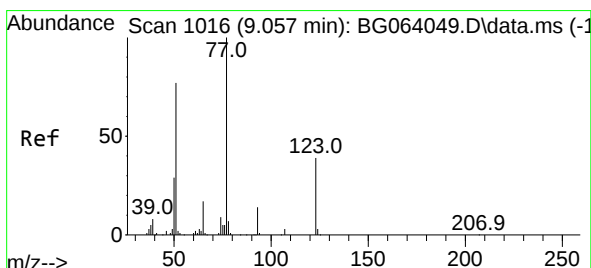
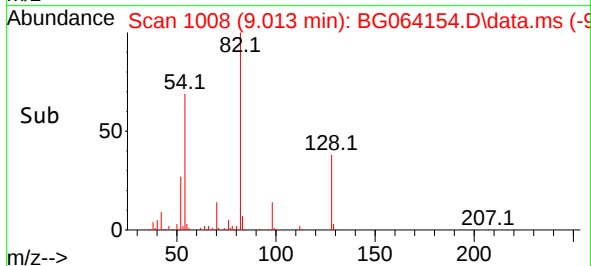
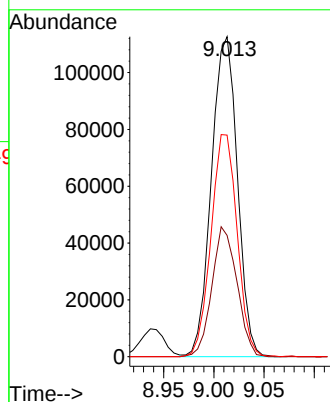
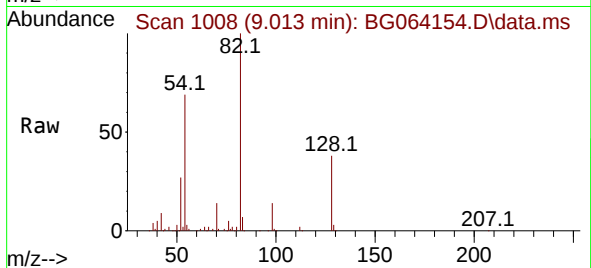
Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.0	45.0
54	69.3	54.7	82.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#24

Nitrobenzene

Concen: 54.001 ng

RT: 9.054 min Scan# 1015

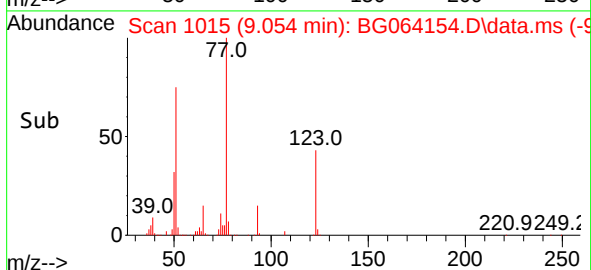
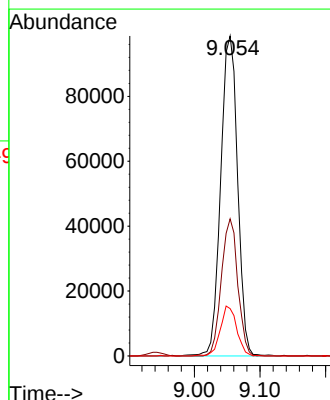
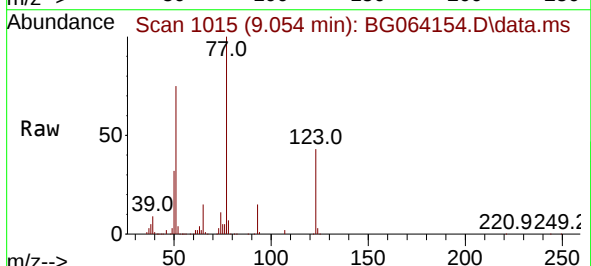
Delta R.T. -0.003 min

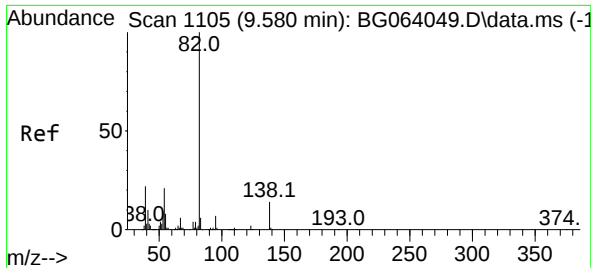
Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

Tgt Ion: 77 Resp: 175815

Ion	Ratio	Lower	Upper
77	100		
123	42.9	31.4	47.2
65	14.8	13.4	20.0





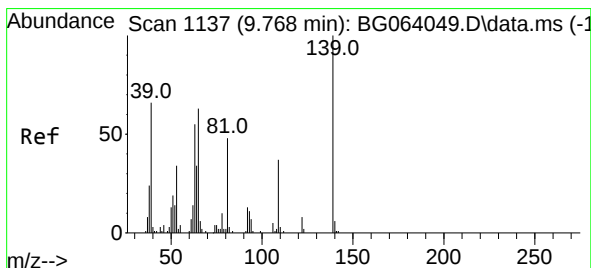
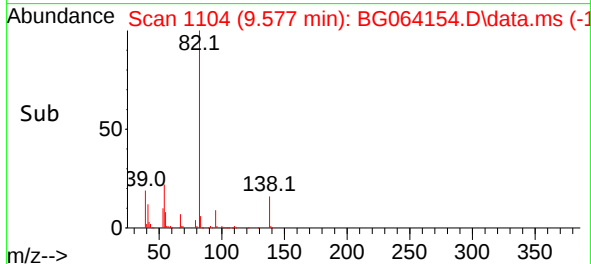
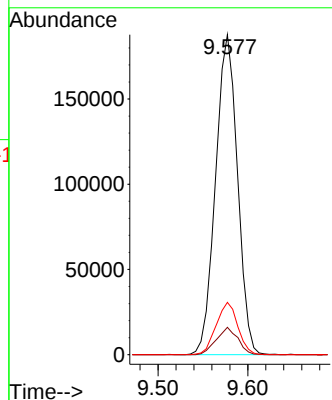
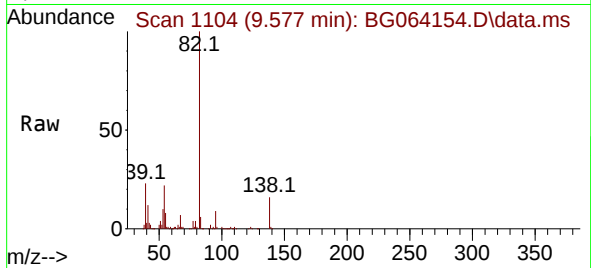
#25
Isophorone
Concen: 50.488 ng
RT: 9.577 min Scan# 1104
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Instrument :
BNA_G
ClientSampleId :
RT5358MSD

Tgt Ion: 82 Resp: 318364
Ion Ratio Lower Upper
82 100
95 8.5 5.8 8.8
138 16.4 10.9 16.3

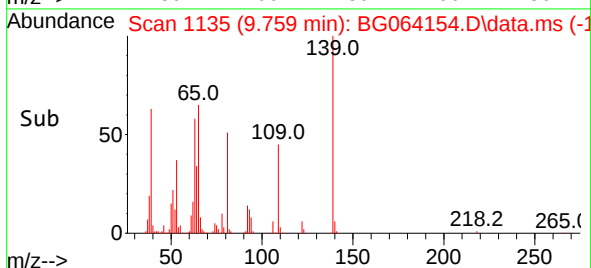
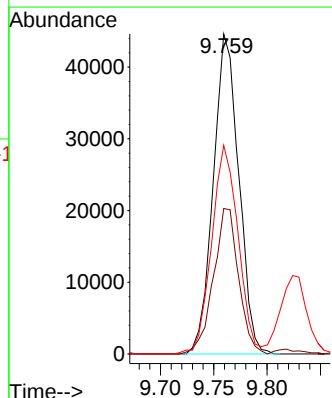
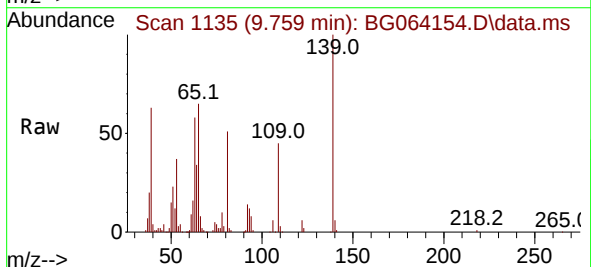
Manual Integrations
APPROVED

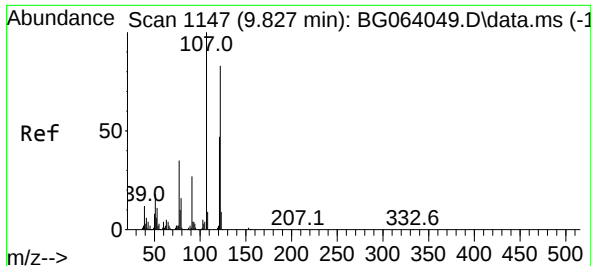
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#26
2-Nitrophenol
Concen: 61.669 ng
RT: 9.759 min Scan# 1135
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

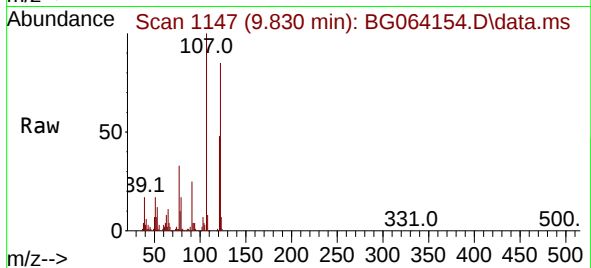
Tgt Ion:139 Resp: 73931
Ion Ratio Lower Upper
139 100
109 45.5 29.9 44.9#
65 65.2 50.6 76.0





#27
2,4-Dimethylphenol
Concen: 75.633 ng
RT: 9.830 min Scan# 1147
Delta R.T. 0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

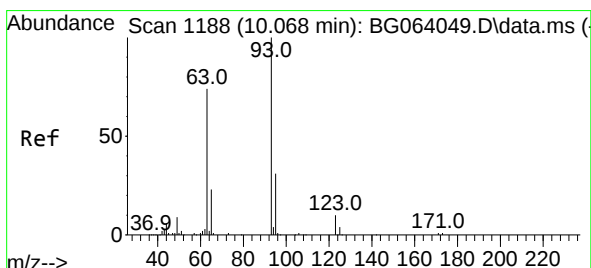
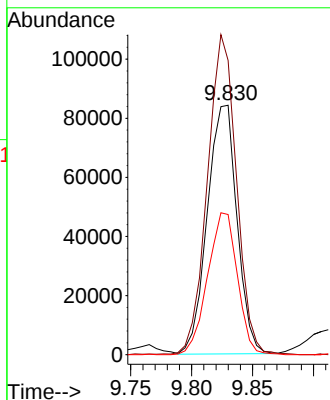
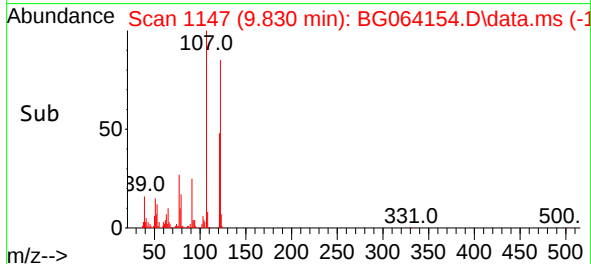
Instrument :
BNA_G
ClientSampleId :
RT5358MSD



Tgt Ion: 122 Resp: 14297
Ion Ratio Lower Upper
122 100
107 117.9 95.4 143.0
121 56.2 44.9 67.3

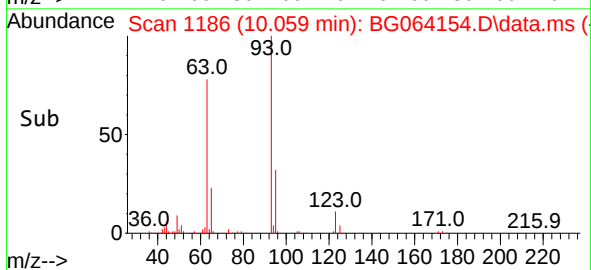
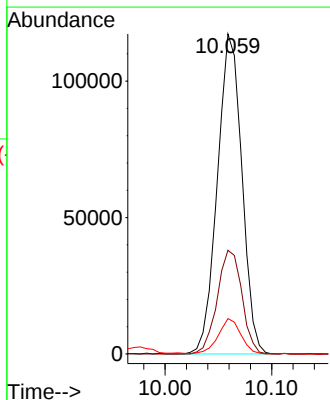
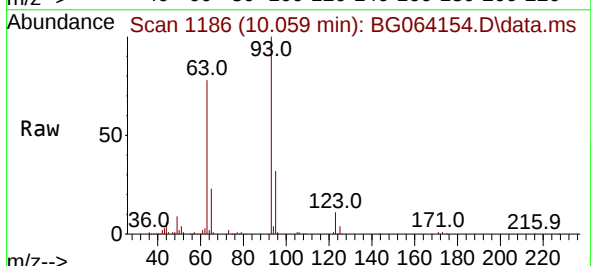
Manual Integrations
APPROVED

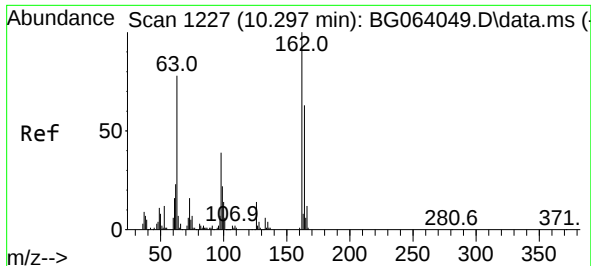
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#28
bis(2-Chloroethoxy)methane
Concen: 48.898 ng
RT: 10.059 min Scan# 1186
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Tgt Ion: 93 Resp: 186935
Ion Ratio Lower Upper
93 100
95 32.4 25.0 37.4
123 11.0 7.6 11.4





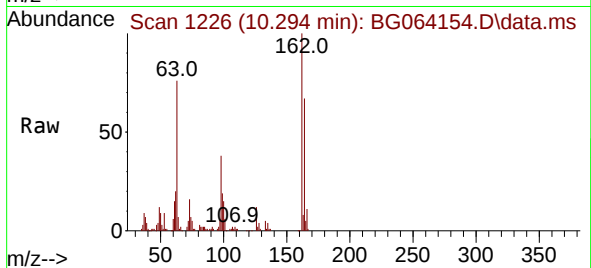
#29
2,4-Dichlorophenol
Concen: 56.000 ng
RT: 10.294 min Scan# 1226
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

RT5358MSD

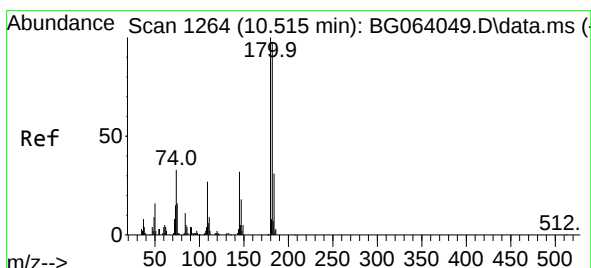
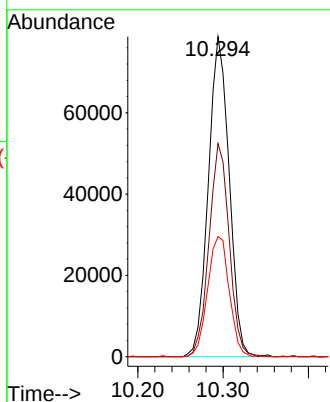
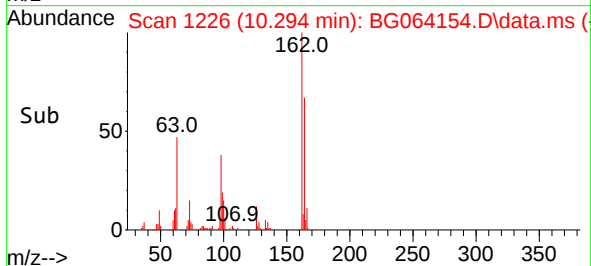


Tgt Ion:162 Resp: 133670
Ion Ratio Lower Upper
162 100
164 66.6 42.8 82.8
98 37.6 19.1 59.1

Manual Integrations

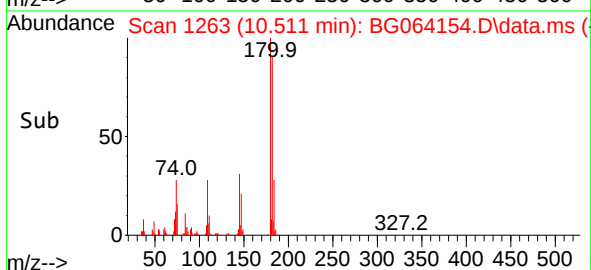
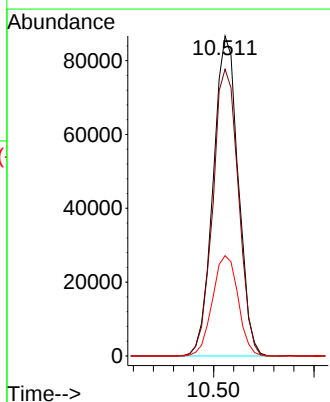
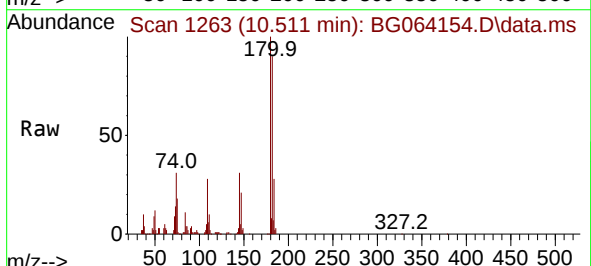
APPROVED

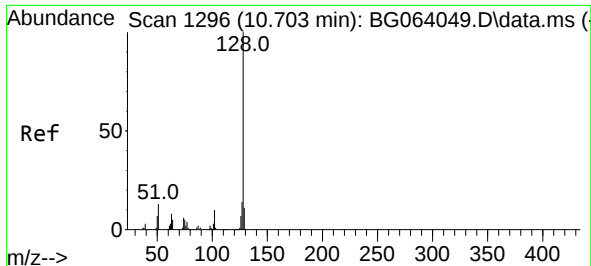
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#30
1,2,4-Trichlorobenzene
Concen: 51.895 ng
RT: 10.511 min Scan# 1263
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

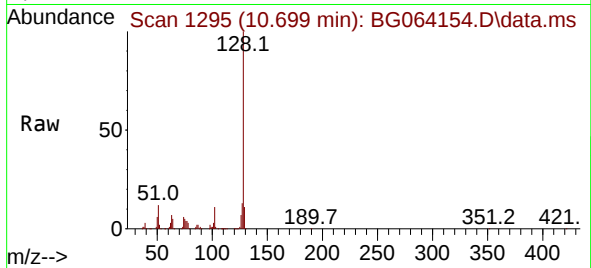
Tgt Ion:180 Resp: 149536
Ion Ratio Lower Upper
180 100
182 89.6 77.3 115.9
145 31.3 25.2 37.8





#31
Naphthalene
Concen: 49.170 ng
RT: 10.699 min Scan# 1295
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

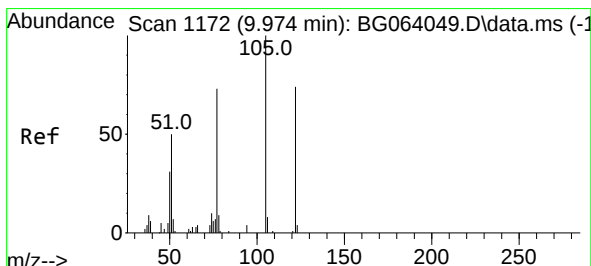
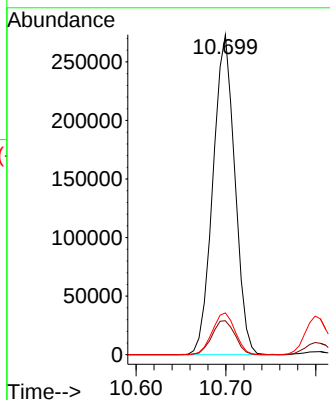
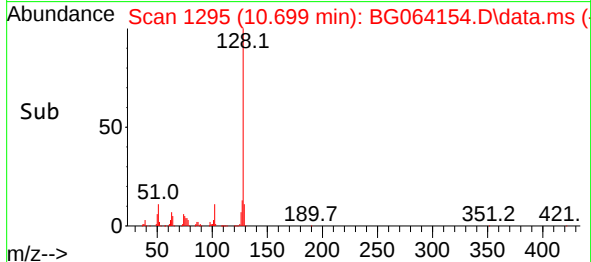
Instrument :
BNA_G
ClientSampleId :
RT5358MSD



Tgt Ion:128 Resp: 46160
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 13.0 11.1 16.7

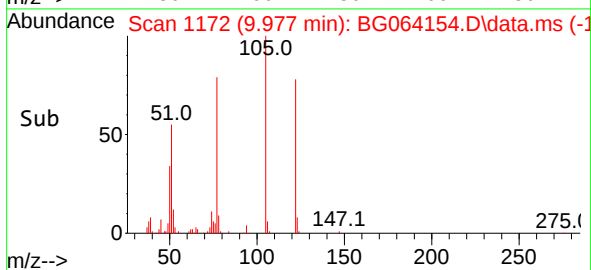
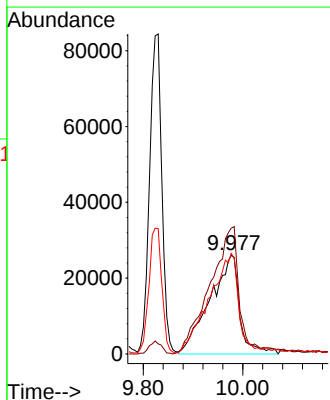
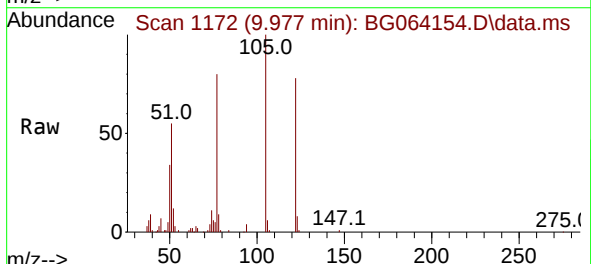
Manual Integrations
APPROVED

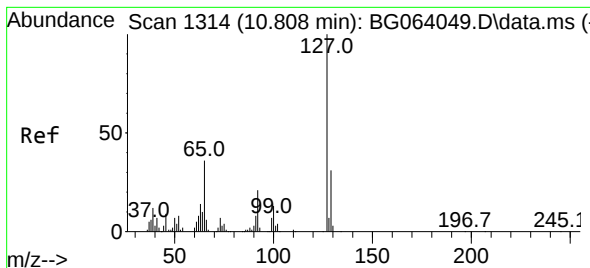
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#32
Benzoic acid
Concen: 59.839 ng m
RT: 9.977 min Scan# 1172
Delta R.T. 0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Tgt Ion:122 Resp: 108416
Ion Ratio Lower Upper
122 100
105 127.5 115.0 155.0
77 101.9 80.9 120.9





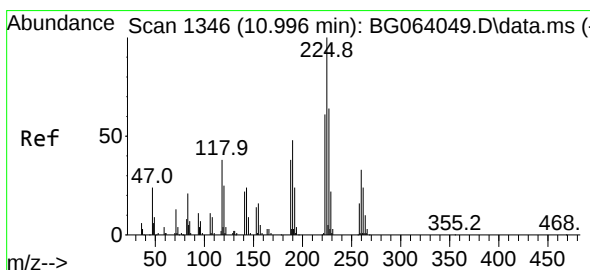
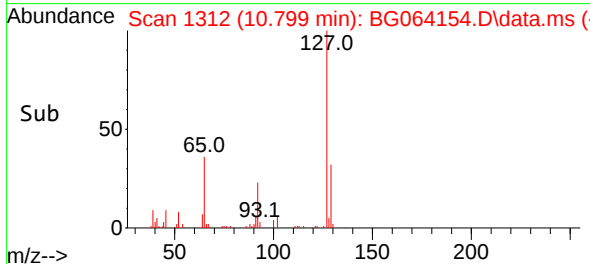
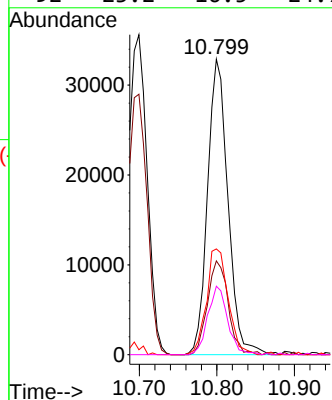
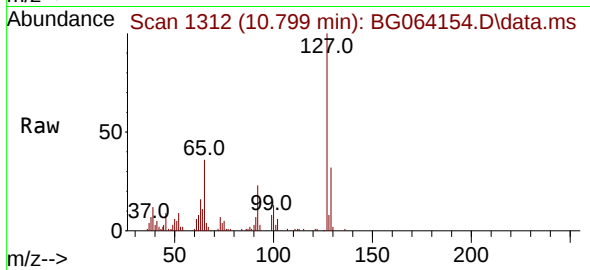
#33
4-Chloroaniline
Concen: 17.550 ng
RT: 10.799 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Instrument :
BNA_G
ClientSampleId :
RT5358MSD

Tgt Ion:	127	Resp:	6021
Ion Ratio	Lower	Upper	
127	100		
129	31.7	25.0	37.4
65	35.8	28.5	42.7
92	23.2	16.5	24.7

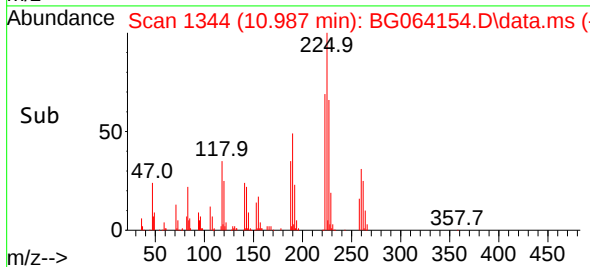
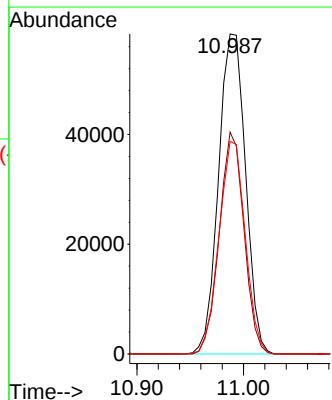
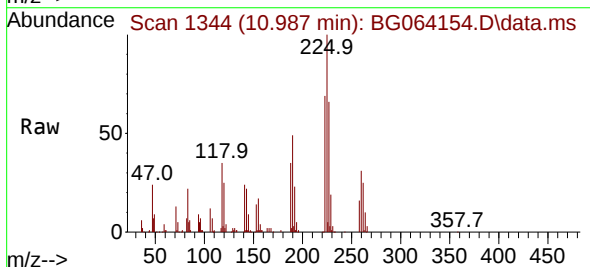
Manual Integrations
APPROVED

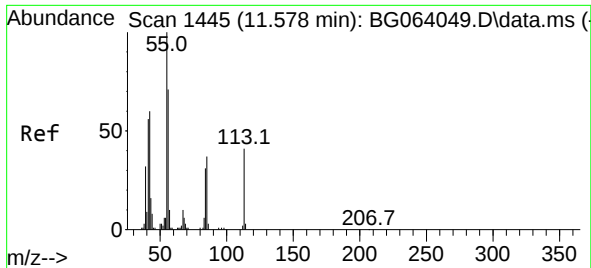
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#34
Hexachlorobutadiene
Concen: 54.311 ng
RT: 10.987 min Scan# 1344
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

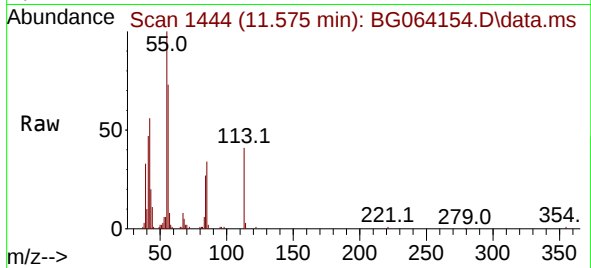
Tgt Ion:	225	Resp:	102578
Ion Ratio	Lower	Upper	
225	100		
223	69.3	48.5	72.7
227	66.5	51.0	76.6





#35
Caprolactam
Concen: 50.762 ng m
RT: 11.575 min Scan# 1445
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

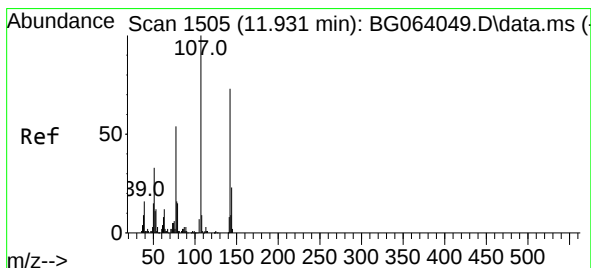
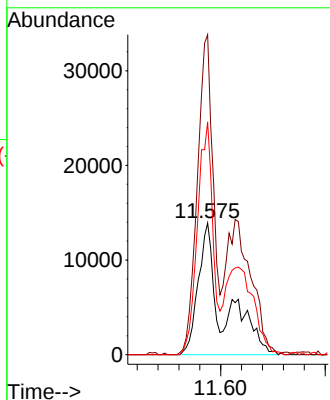
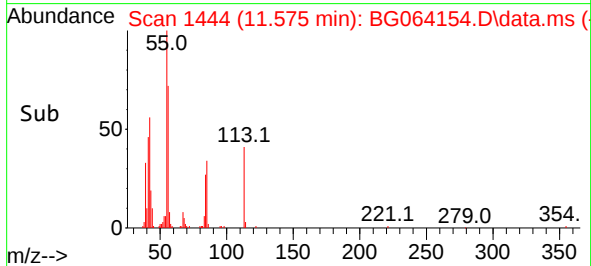
Instrument :
BNA_G
ClientSampleId :
RT5358MSD



Tgt Ion:113 Resp: 4643
Ion Ratio Lower Upper
113 100
55 242.8 225.2 265.2
56 176.7 153.4 193.4

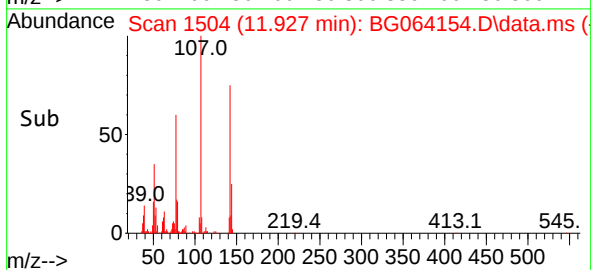
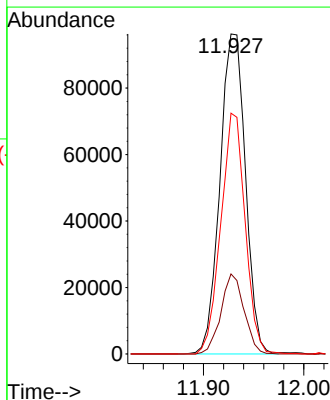
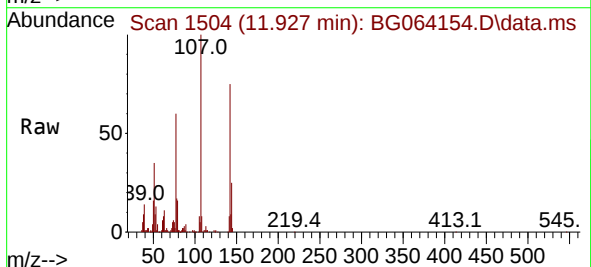
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#36
4-Chloro-3-methylphenol
Concen: 54.203 ng
RT: 11.927 min Scan# 1504
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

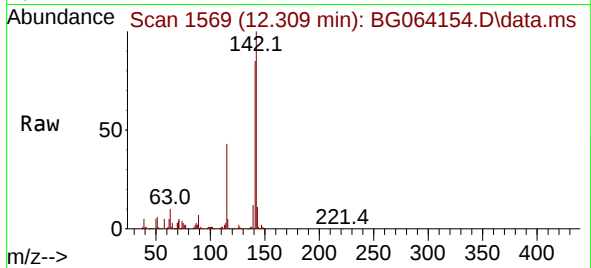
Tgt Ion:107 Resp: 169593
Ion Ratio Lower Upper
107 100
144 25.0 18.6 28.0
142 75.3 58.0 87.0





#37
2-Methylnaphthalene
Concen: 45.884 ng
RT: 12.309 min Scan# 1569
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

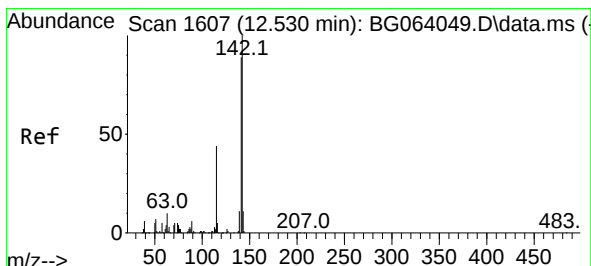
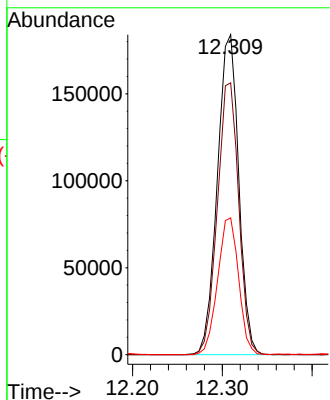
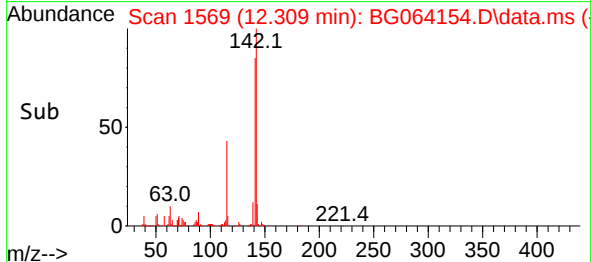
Instrument :
BNA_G
ClientSampleId :
RT5358MSD



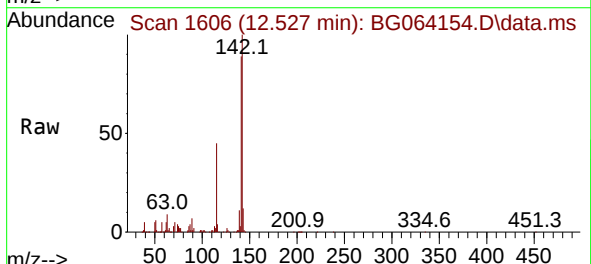
Tgt Ion:142 Resp: 304090
Ion Ratio Lower Upper
142 100
141 85.0 68.6 103.0
115 42.8 32.8 49.2

Manual Integrations
APPROVED

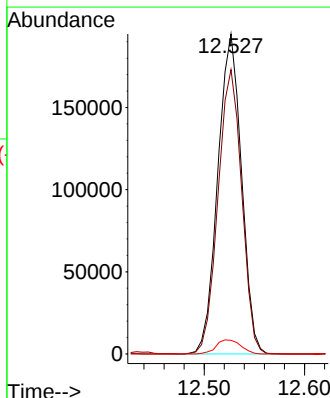
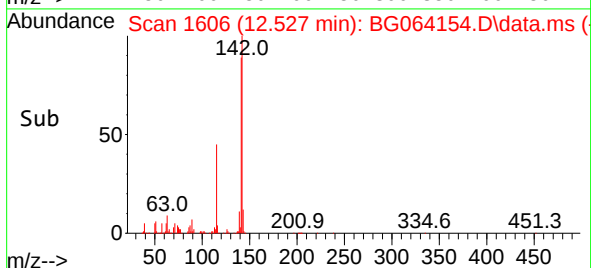
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

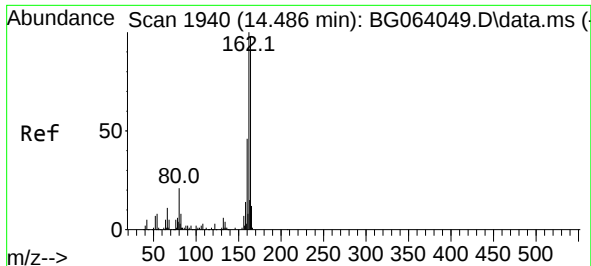


#38
1-Methylnaphthalene
Concen: 49.107 ng
RT: 12.527 min Scan# 1606
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44



Tgt Ion:142 Resp: 318849
Ion Ratio Lower Upper
142 100
141 88.8 71.2 106.8
116 4.3 3.6 5.4





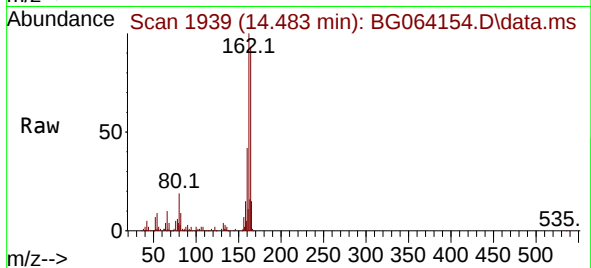
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1940
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

RT5358MSD

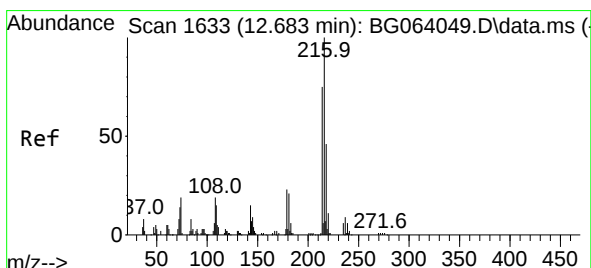
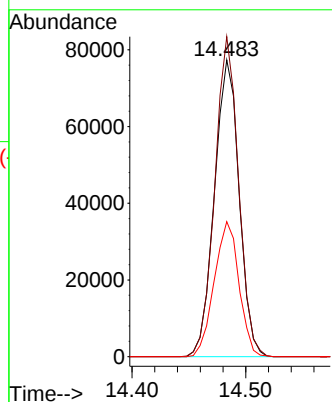
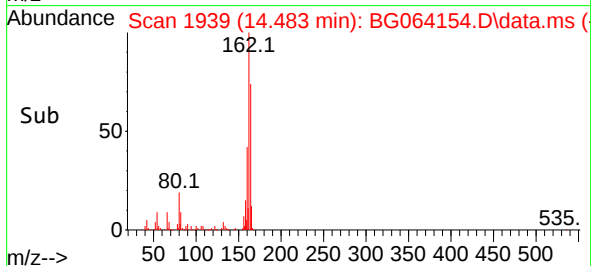


Tgt Ion:164 Resp: 116507
Ion Ratio Lower Upper
164 100
162 107.8 81.4 122.0
160 45.5 37.0 55.6

Manual Integrations

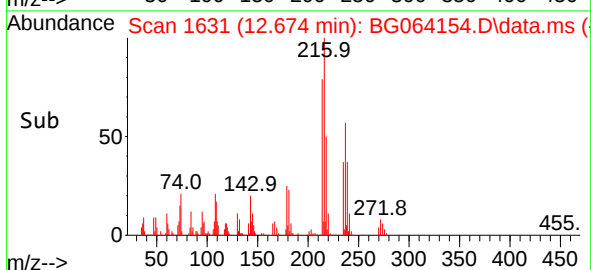
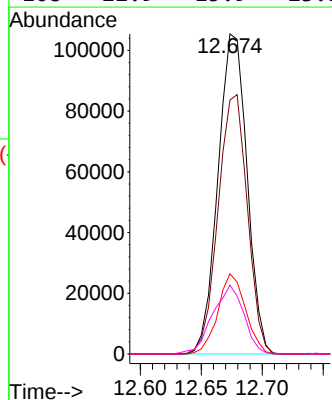
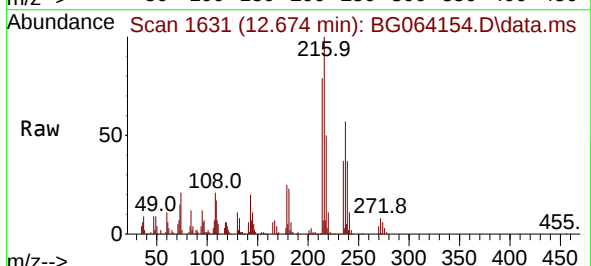
APPROVED

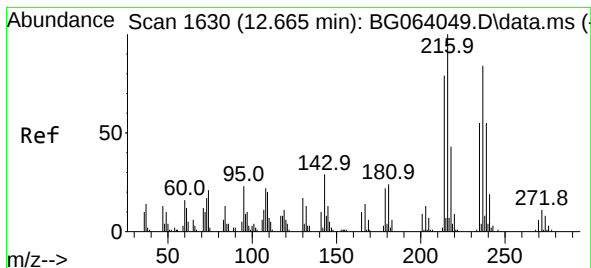
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.510 ng
RT: 12.674 min Scan# 1631
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Tgt Ion:216 Resp: 174657
Ion Ratio Lower Upper
216 100
214 81.4 61.7 92.5
179 23.9 17.9 26.9
108 22.9 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 230.959 ng

RT: 12.662 min Scan# 1629

Delta R.T. -0.003 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

RT5358MSD

Tgt Ion:237 Resp: 21621

Ion Ratio Lower Upper

237 100

235 60.2 46.0 86.0

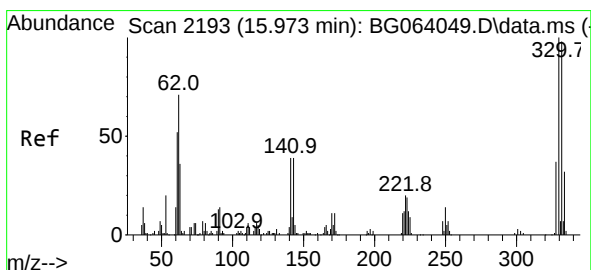
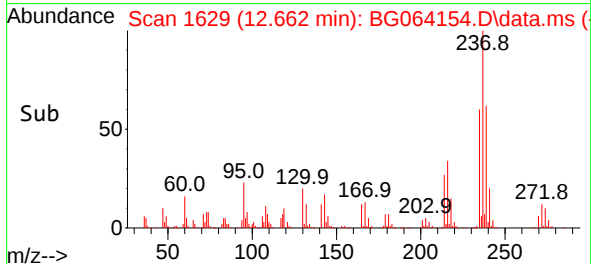
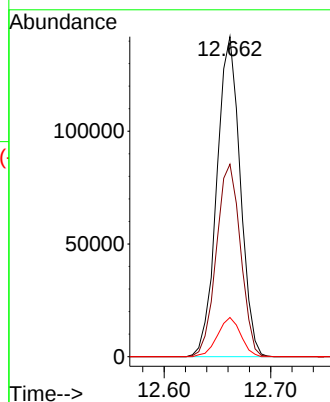
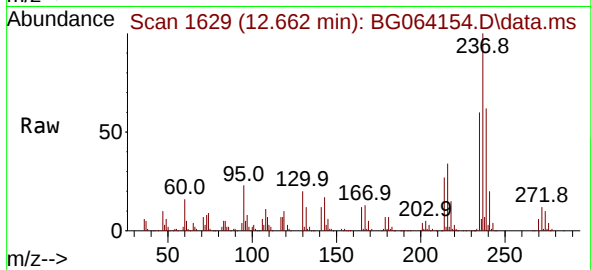
272 12.3 0.0 32.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#42

2,4,6-Tribromophenol

Concen: 108.176 ng

RT: 15.970 min Scan# 2192

Delta R.T. -0.003 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

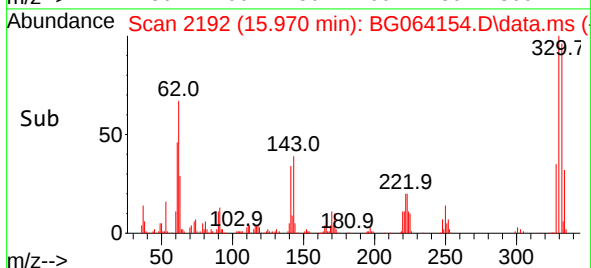
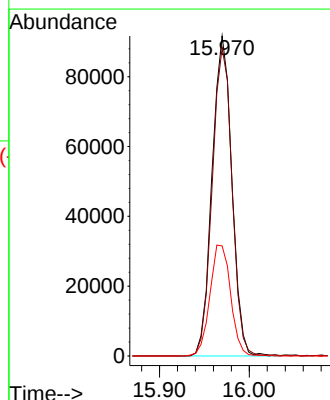
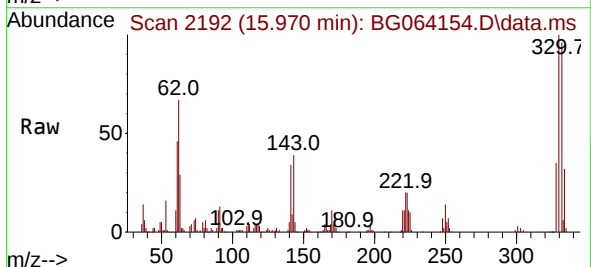
Tgt Ion:330 Resp: 140094

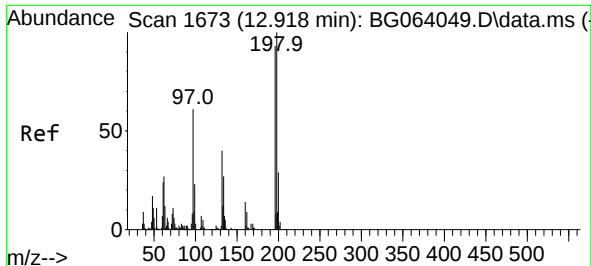
Ion Ratio Lower Upper

330 100

332 96.2 76.7 115.1

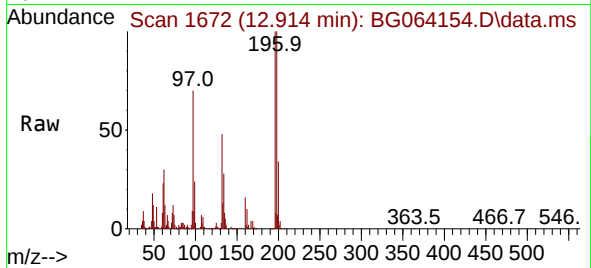
141 36.4 29.7 44.5





#43
2,4,6-Trichlorophenol
Concen: 61.752 ng
RT: 12.914 min Scan# 1672
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

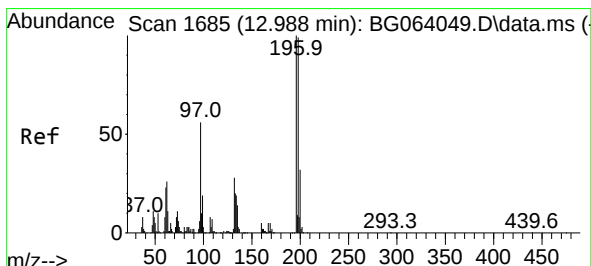
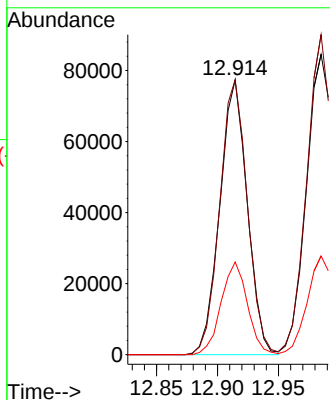
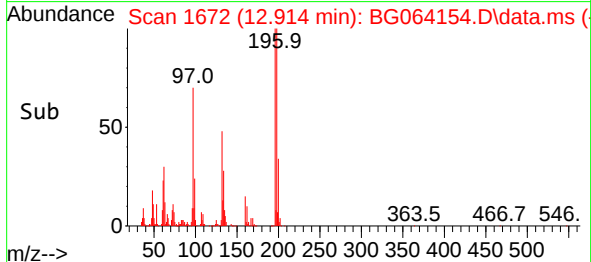
Instrument :
BNA_G
ClientSampleId :
RT5358MSD



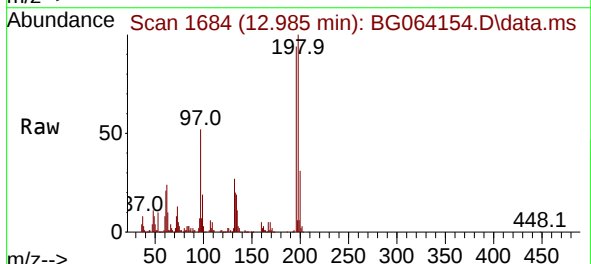
Tgt Ion:196 Resp: 12105
Ion Ratio Lower Upper
196 100
198 100.1 85.6 128.4
200 33.8 24.6 37.0

Manual Integrations
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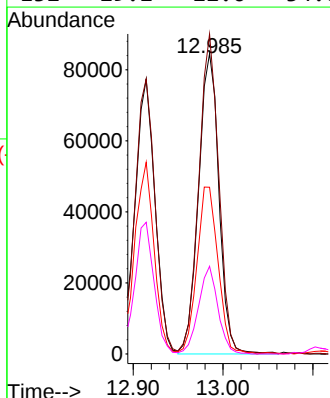
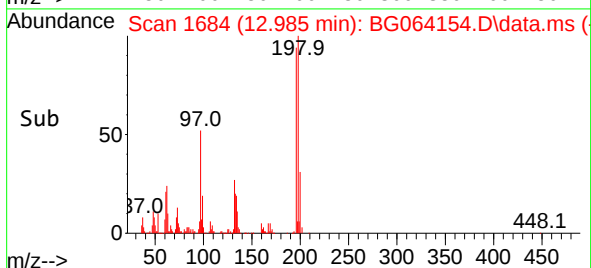
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

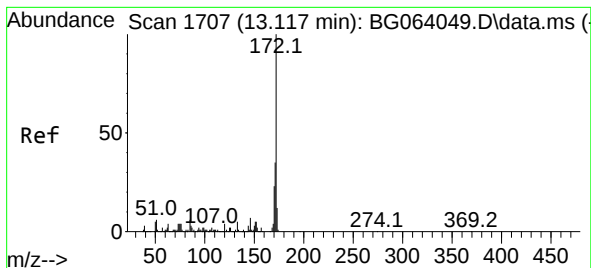


#44
2,4,5-Trichlorophenol
Concen: 61.223 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44



Tgt Ion:196 Resp: 133357
Ion Ratio Lower Upper
196 100
198 106.5 79.5 119.3
97 55.5 45.2 67.8
132 29.2 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 63.013 ng

RT: 13.108 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

RT5358MSD

Tgt Ion:172 Resp: 48366

Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

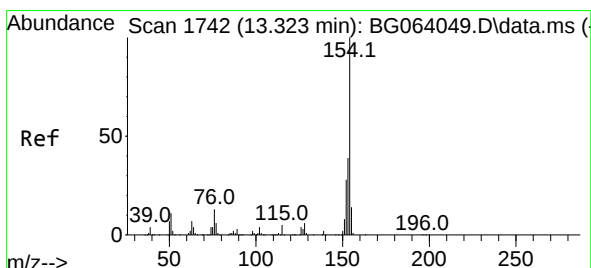
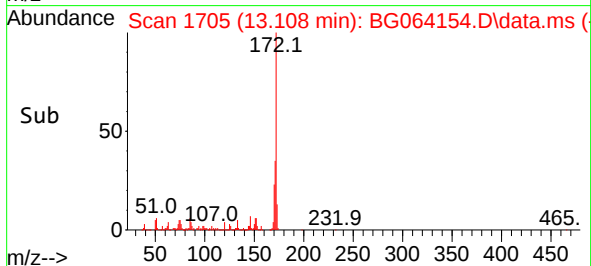
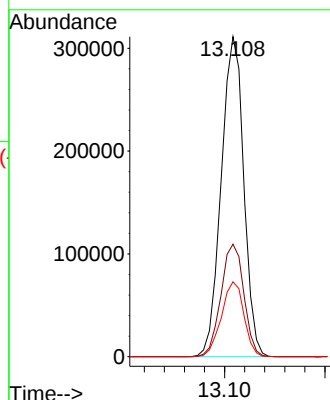
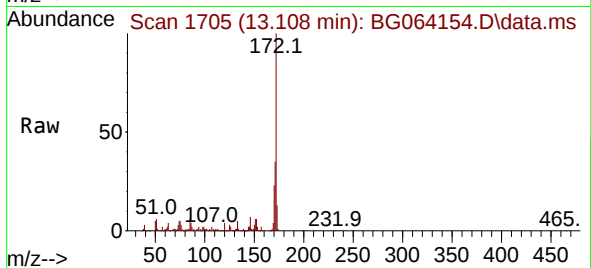
170 23.4 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#46

1,1'-Biphenyl

Concen: 52.400 ng

RT: 13.320 min Scan# 1741

Delta R.T. -0.003 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

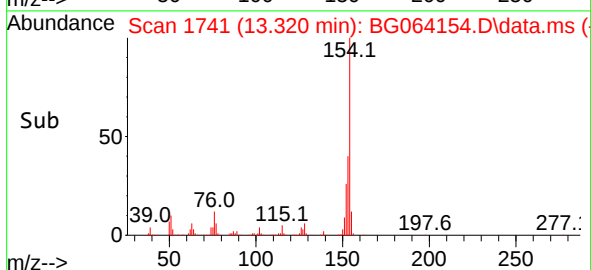
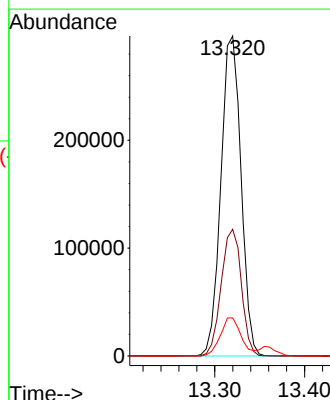
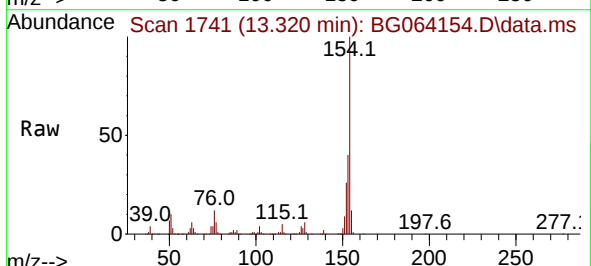
Tgt Ion:154 Resp: 461240

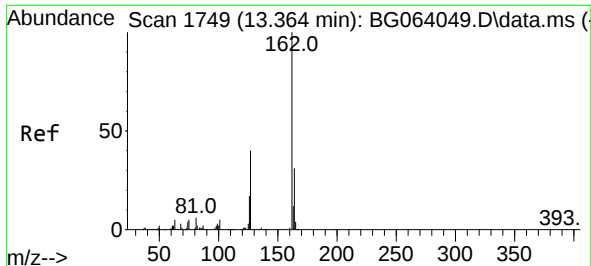
Ion Ratio Lower Upper

154 100

153 39.6 19.5 59.5

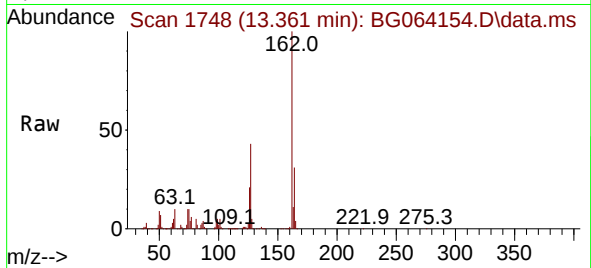
76 11.9 0.0 33.5





#47
2-Chloronaphthalene
Concen: 52.965 ng
RT: 13.361 min Scan# 1749
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

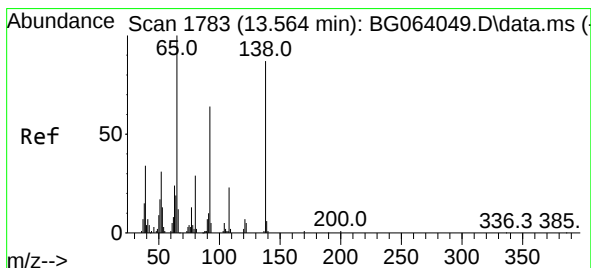
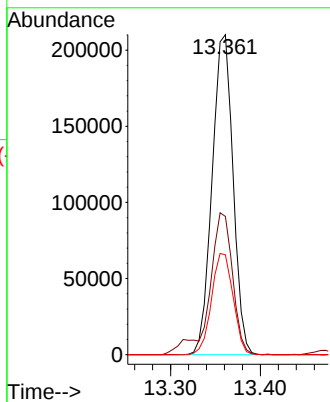
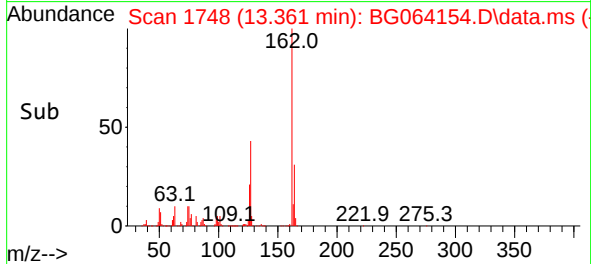
Instrument :
BNA_G
ClientSampleId :
RT5358MSD



Tgt Ion:162 Resp: 34002
Ion Ratio Lower Upper
162 100
127 43.2 35.0 52.4
164 31.2 25.0 37.6

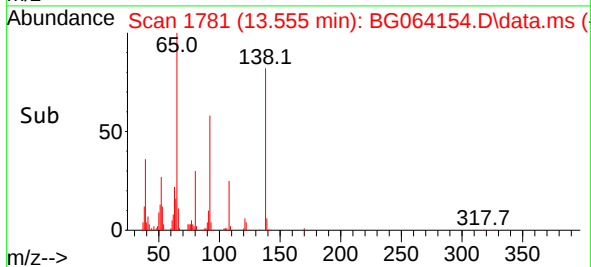
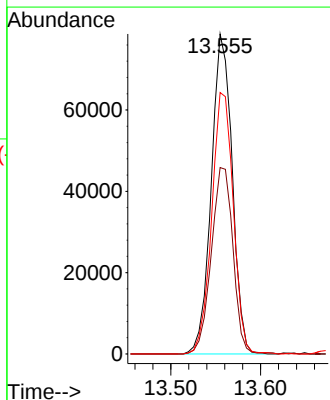
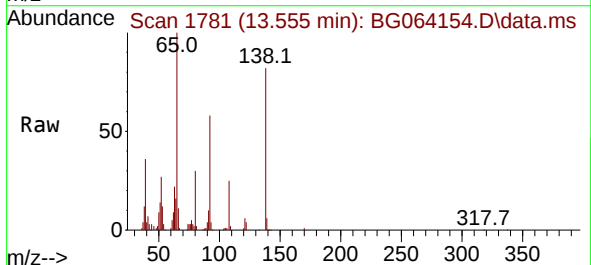
Manual Integrations
APPROVED

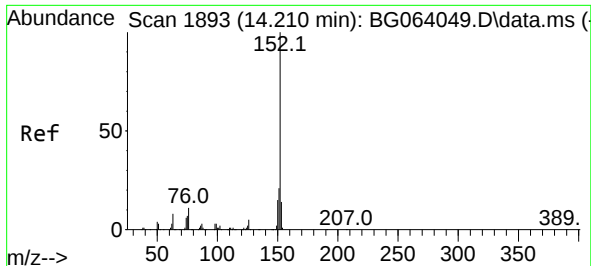
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#48
2-Nitroaniline
Concen: 57.413 ng
RT: 13.555 min Scan# 1781
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Tgt Ion: 65 Resp: 127220
Ion Ratio Lower Upper
65 100
92 58.2 51.2 76.8
138 81.7 69.4 104.2





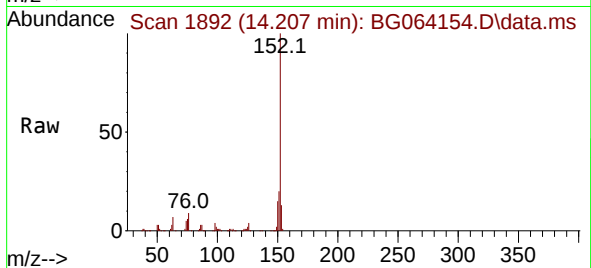
#49
Acenaphthylene
Concen: 55.391 ng
RT: 14.207 min Scan# 1892
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

RT5358MSD

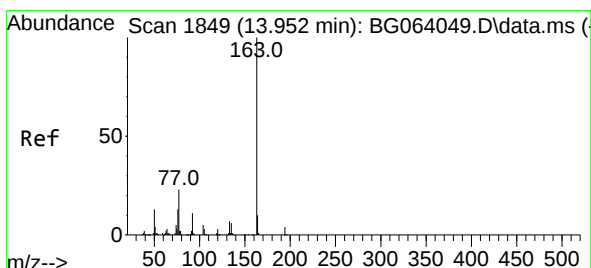
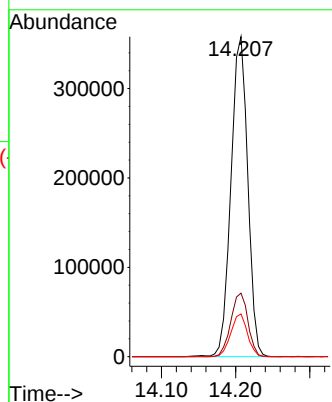
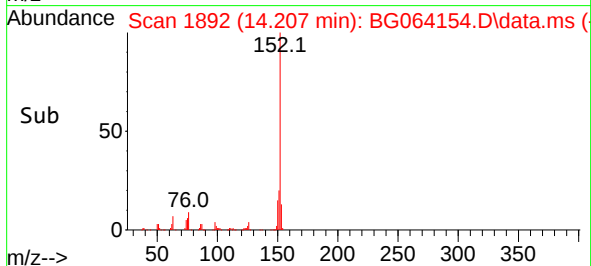


Tgt Ion:152 Resp: 56244
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.4 10.9 16.3

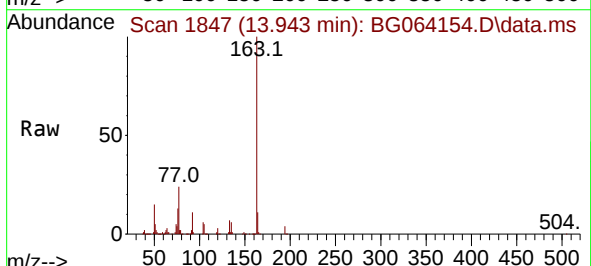
Manual Integrations

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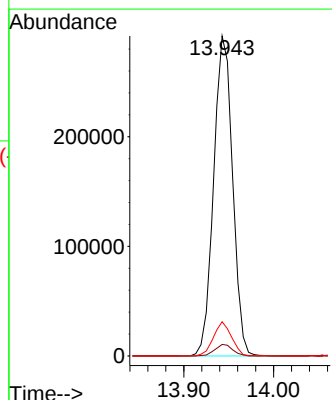
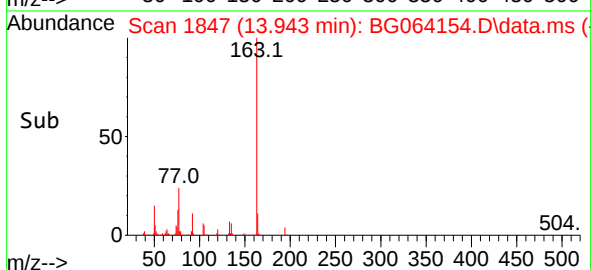
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

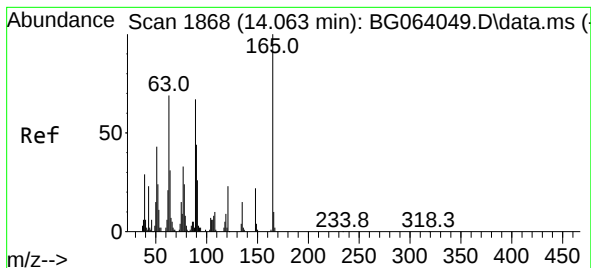


#50
Dimethylphthalate
Concen: 49.691 ng
RT: 13.943 min Scan# 1847
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44



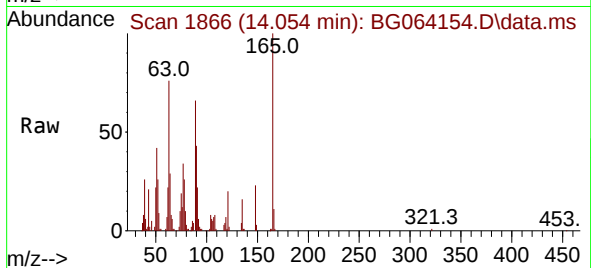
Tgt Ion:163 Resp: 427356
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.7 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 53.008 ng
RT: 14.054 min Scan# 1866
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

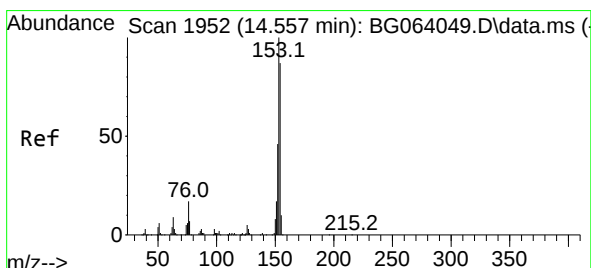
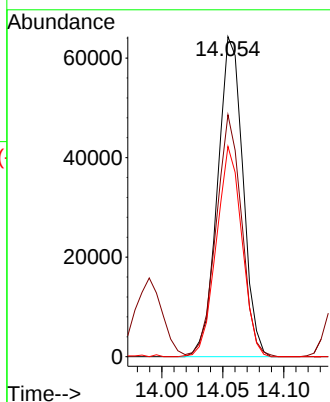
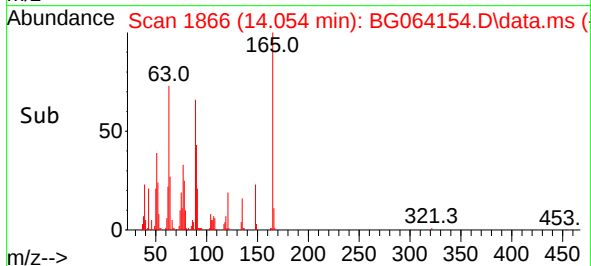
Instrument :
BNA_G
ClientSampleId :
RT5358MSD



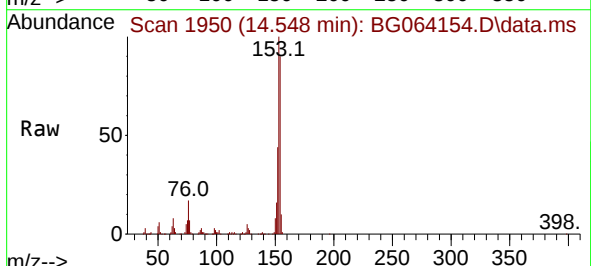
Tgt Ion:165 Resp: 93144
Ion Ratio Lower Upper
165 100
63 75.6 56.7 85.1
89 65.7 53.7 80.5

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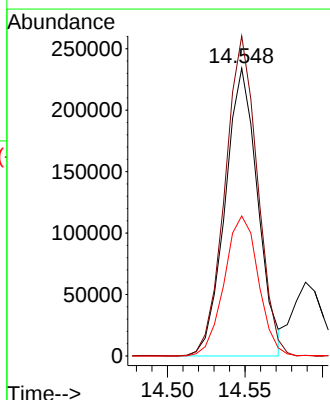
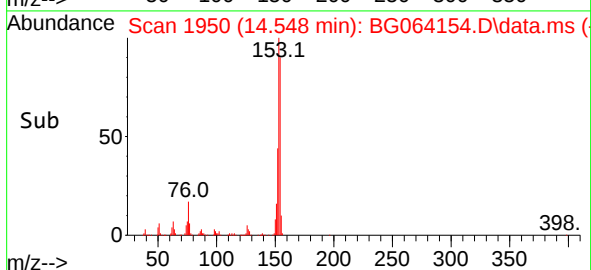
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

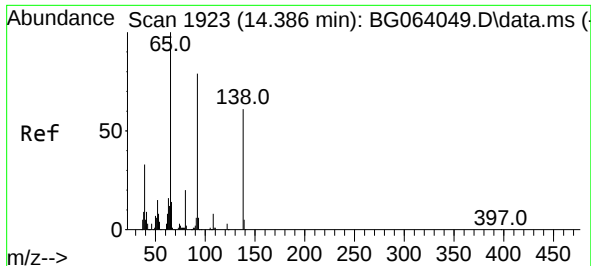


#52
Acenaphthene
Concen: 50.240 ng
RT: 14.548 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44



Tgt Ion:154 Resp: 342367
Ion Ratio Lower Upper
154 100
153 111.2 91.6 137.4
152 48.7 42.5 63.7





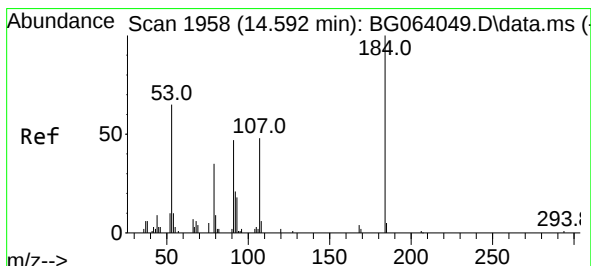
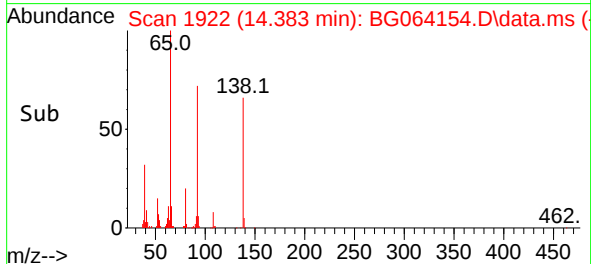
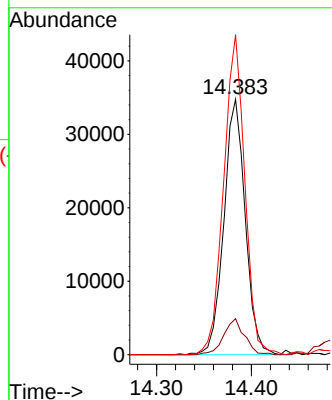
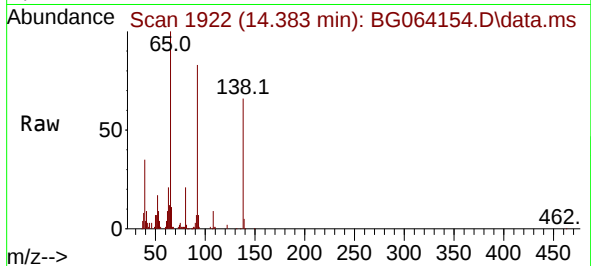
#53
3-Nitroaniline
Concen: 32.728 ng
RT: 14.383 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Instrument :
BNA_G
ClientSampleId :
RT5358MSD

Tgt Ion:138 Resp: 54400
Ion Ratio Lower Upper
138 100
108 14.1 10.1 15.1
92 125.3 104.1 156.1

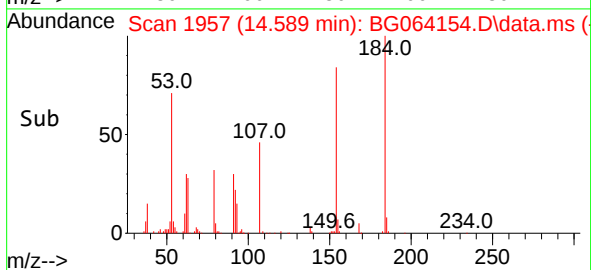
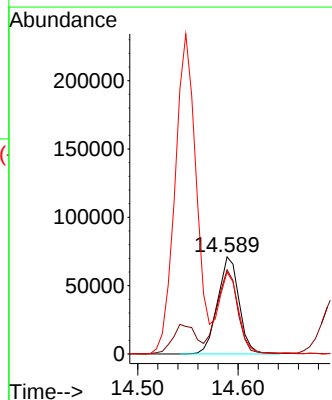
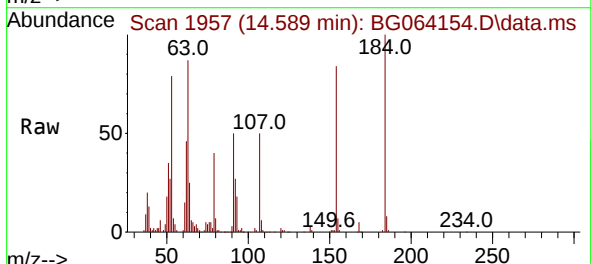
Manual Integrations
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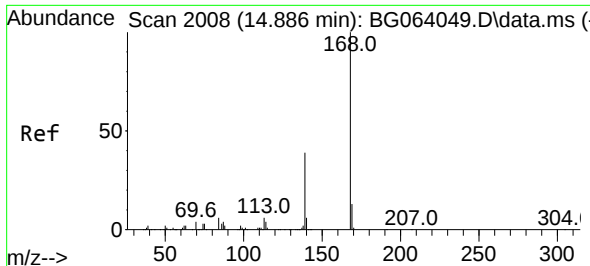
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#54
2,4-Dinitrophenol
Concen: 138.728 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Tgt Ion:184 Resp: 105587
Ion Ratio Lower Upper
184 100
63 86.5 57.5 86.3#
154 84.4 52.3 78.5#





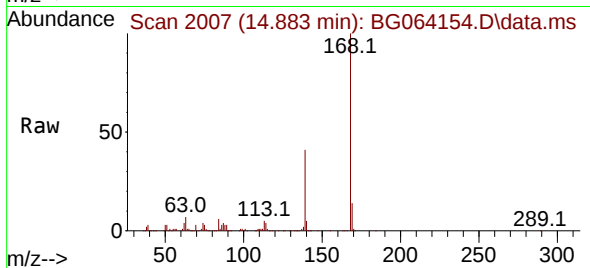
#55
Dibenzenofuran
Concen: 48.618 ng
RT: 14.883 min Scan# 2008
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

RT5358MSD

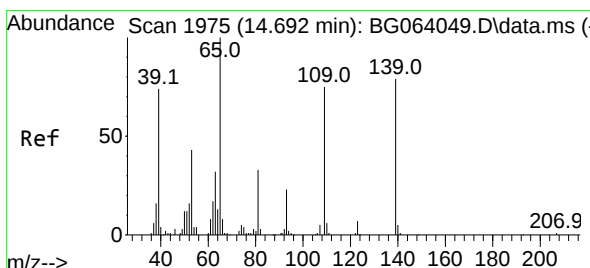
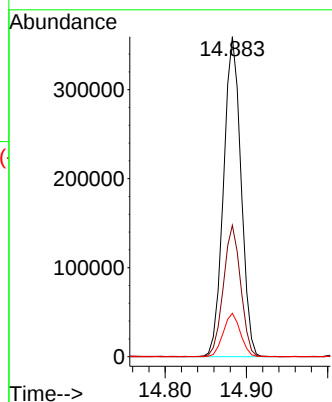
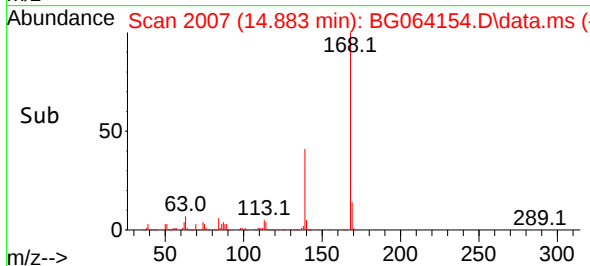


Tgt Ion:168 Resp: 53672
Ion Ratio Lower Upper
168 100
139 41.0 31.1 46.7
169 13.6 10.5 15.7

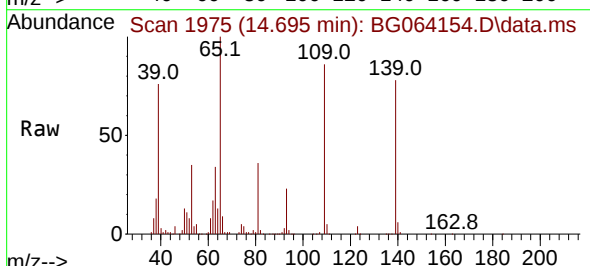
Manual Integrations

APPROVED

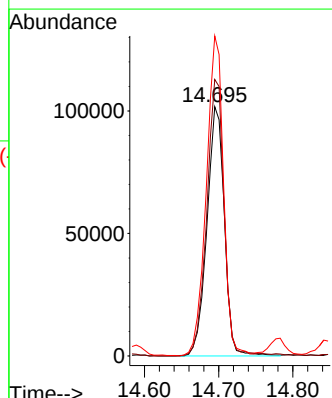
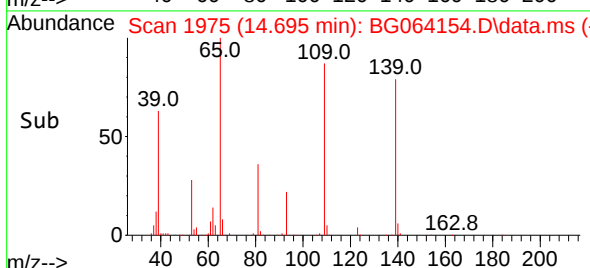
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

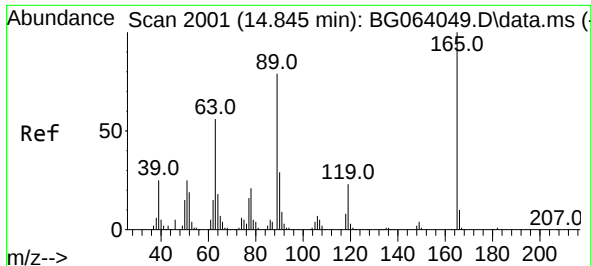


#56
4-Nitrophenol
Concen: 119.389 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44



Tgt Ion:139 Resp: 166432
Ion Ratio Lower Upper
139 100
109 110.9 74.9 114.9
65 128.3 106.8 146.8





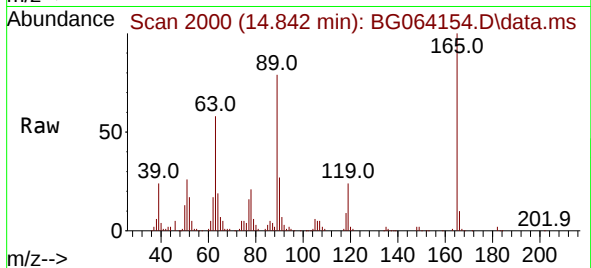
#57
2,4-Dinitrotoluene
Concen: 56.376 ng
RT: 14.842 min Scan# 2001
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

RT5358MSD

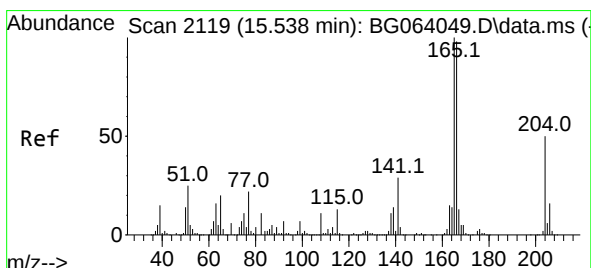
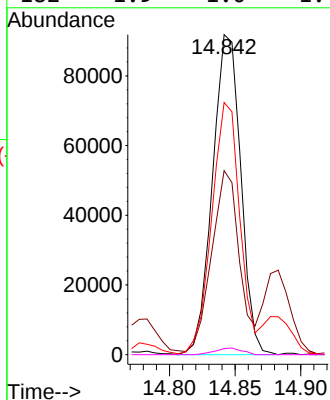
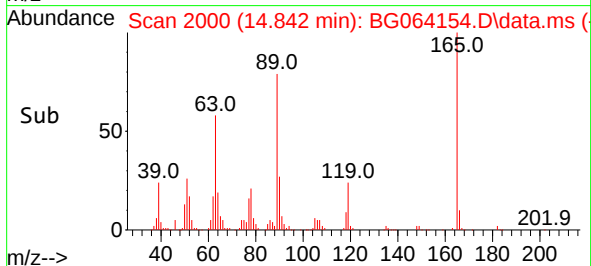


Tgt Ion:165 Resp: 137380
Ion Ratio Lower Upper
165 100
63 57.5 45.0 67.6
89 78.8 63.1 94.7
182 1.9 1.0 1.4#

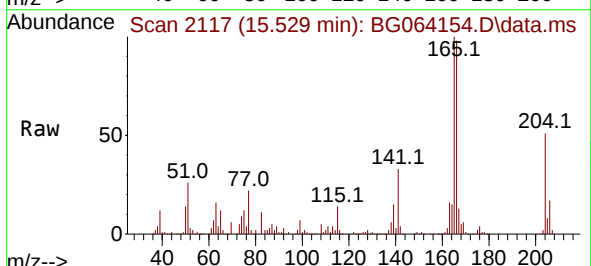
Manual Integrations

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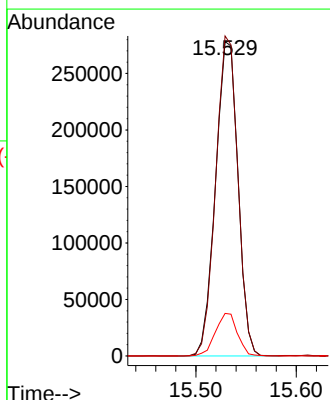
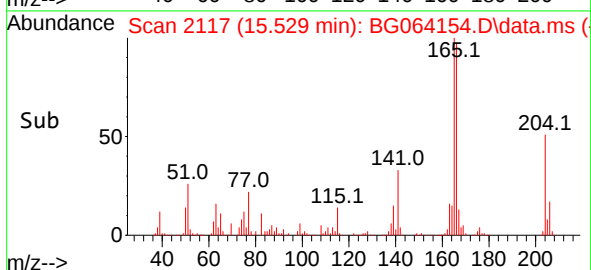
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

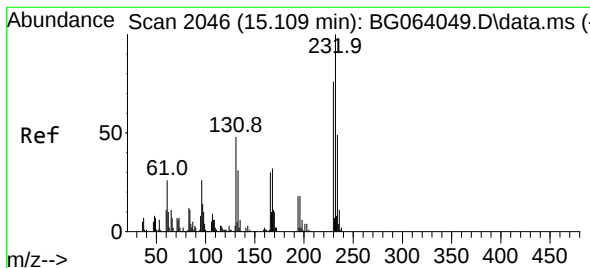


#58
Fluorene
Concen: 50.134 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44



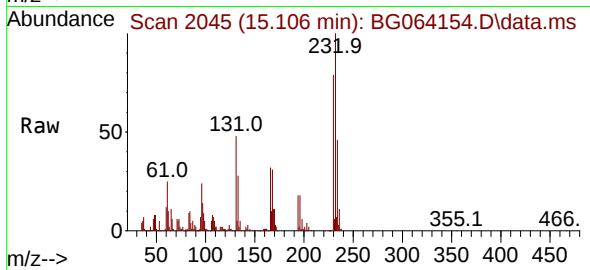
Tgt Ion:166 Resp: 431065
Ion Ratio Lower Upper
166 100
165 101.8 81.8 122.8
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.668 ng
RT: 15.106 min Scan# 2045
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

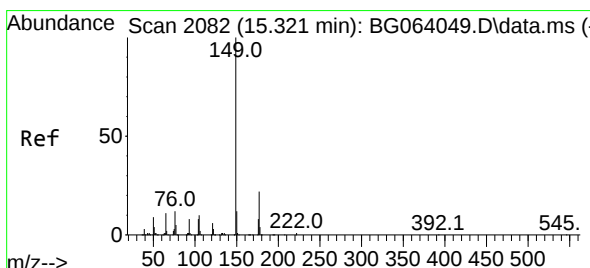
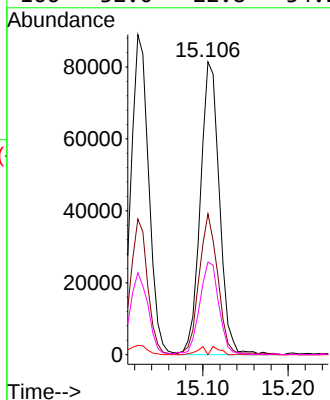
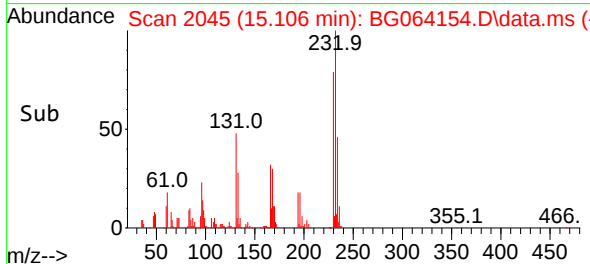
Instrument :
BNA_G
ClientSampleId :
RT5358MSD



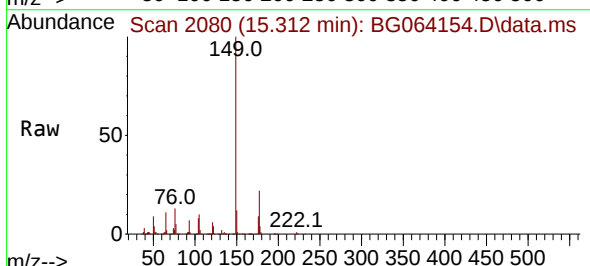
Tgt Ion:232 Resp: 12670
Ion Ratio Lower Upper
232 100
131 46.5 36.3 54.5
130 1.2 1.9 2.9
166 32.0 22.8 34.2

Manual Integrations
APPROVED

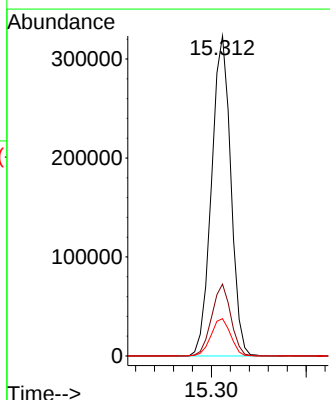
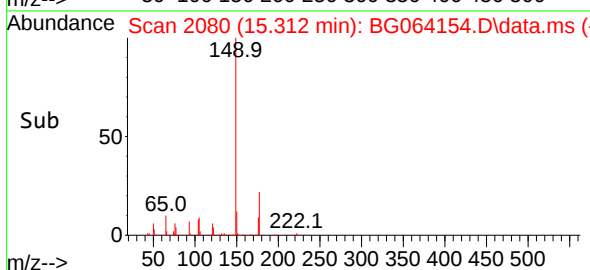
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

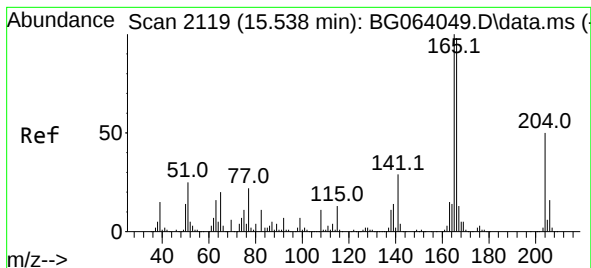


#60
Diethylphthalate
Concen: 48.773 ng
RT: 15.312 min Scan# 2080
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44



Tgt Ion:149 Resp: 455364
Ion Ratio Lower Upper
149 100
177 22.4 17.4 26.2
150 11.6 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 49.287 ng
RT: 15.529 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

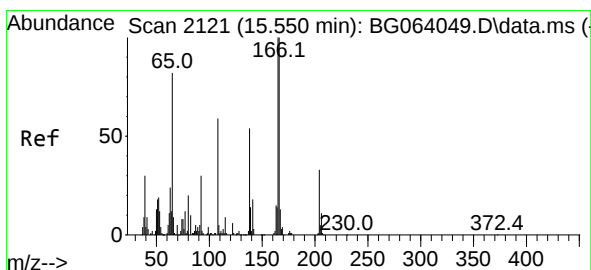
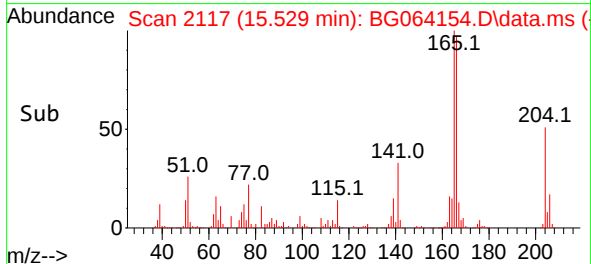
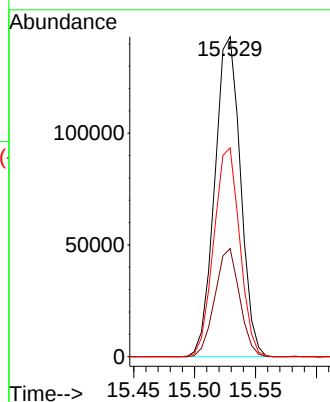
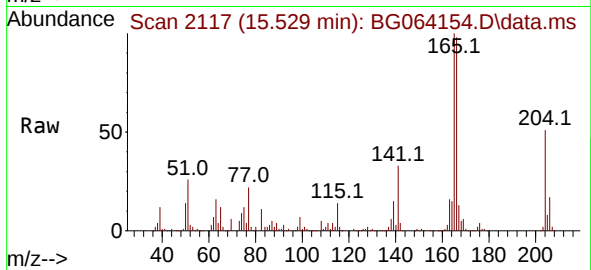
RT5358MSD

Tgt Ion:204 Resp: 21059
Ion Ratio Lower Upper
204 100
206 33.8 25.5 38.3
141 65.3 45.4 68.0

Manual Integrations

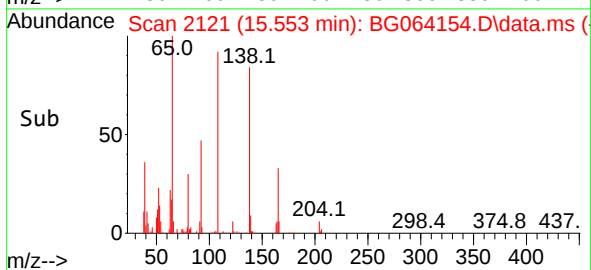
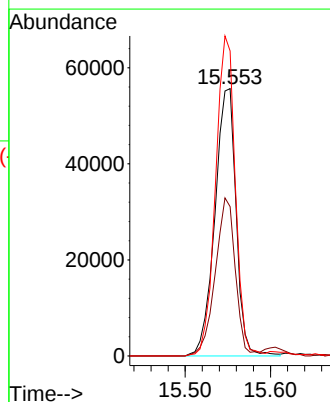
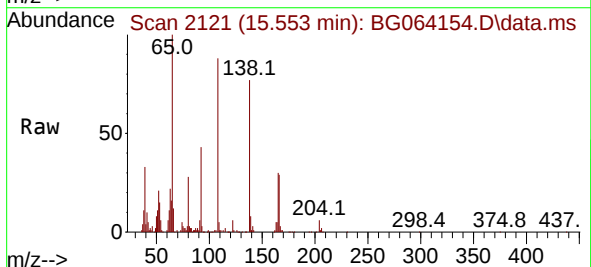
APPROVED

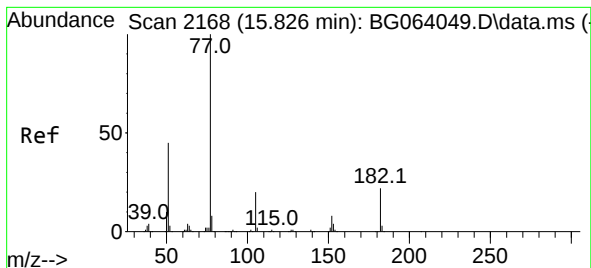
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#62
4-Nitroaniline
Concen: 53.657 ng
RT: 15.553 min Scan# 2121
Delta R.T. 0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Tgt Ion:138 Resp: 96290
Ion Ratio Lower Upper
138 100
92 55.8 36.1 76.1
108 114.1 87.9 127.9





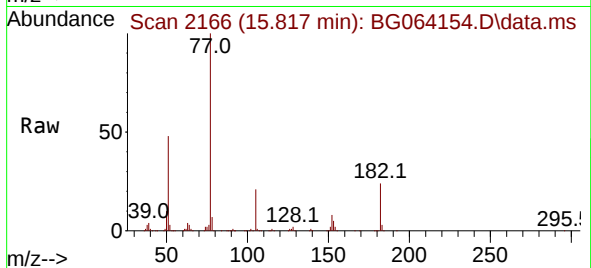
#63
Azobenzene
Concen: 49.583 ng
RT: 15.817 min Scan# 2166
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

RT5358MSD

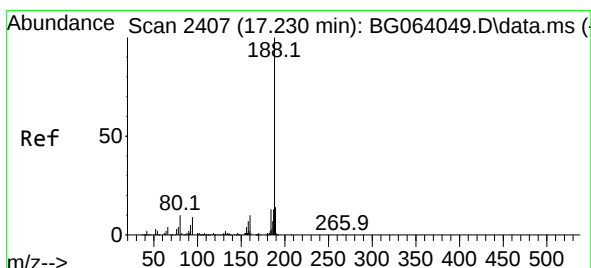
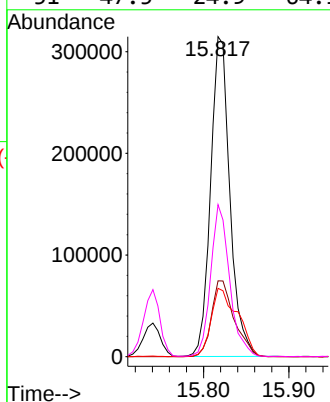
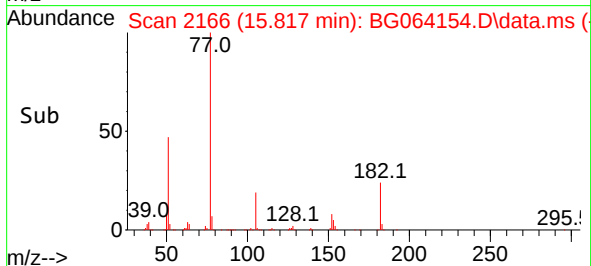


Tgt Ion: 77 Resp: 493984
Ion Ratio Lower Upper
77 100
182 23.7 2.4 42.4
105 21.3 0.0 40.0
51 47.5 24.9 64.9

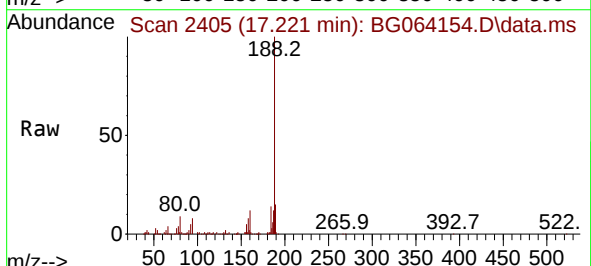
Manual Integrations

APPROVED

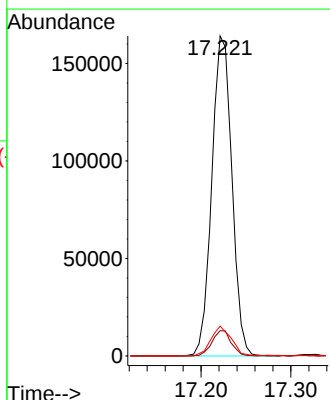
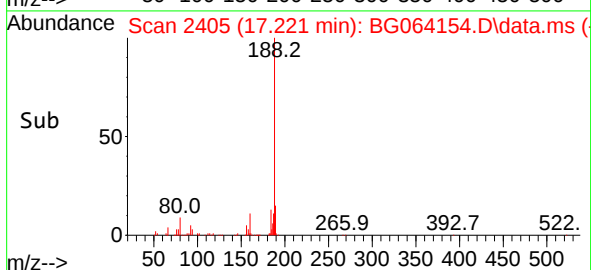
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

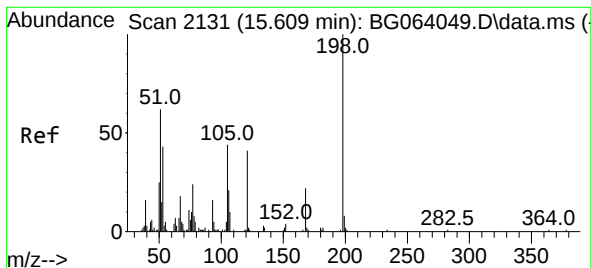


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44



Tgt Ion:188 Resp: 254861
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 9.3 8.1 12.1





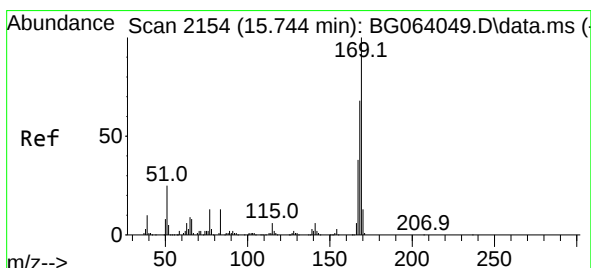
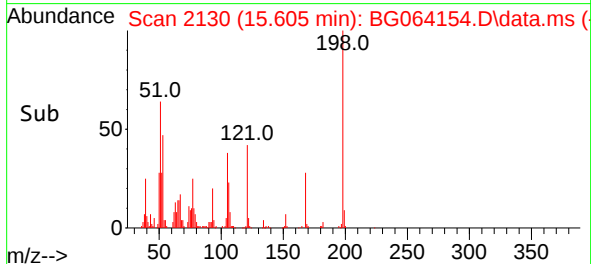
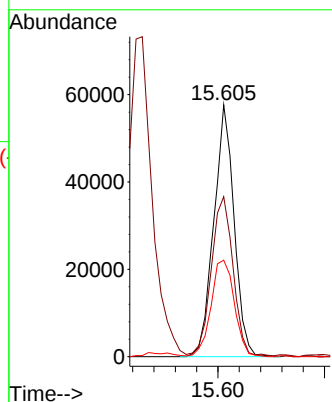
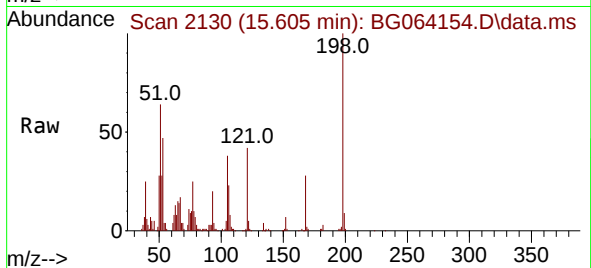
#65
4,6-Dinitro-2-methylphenol
Concen: 65.664 ng
RT: 15.605 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Instrument :
BNA_G
ClientSampleId :
RT5358MSD

Tgt Ion:198 Resp: 7629
Ion Ratio Lower Upper
198 100
51 63.6 45.6 85.6
105 38.3 25.3 65.3

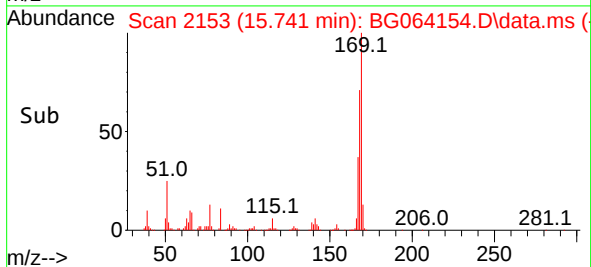
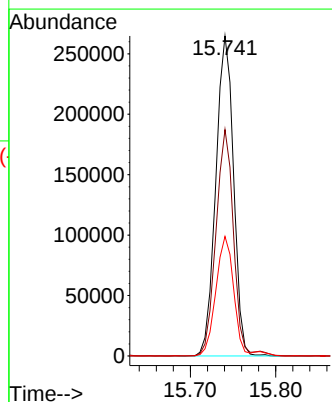
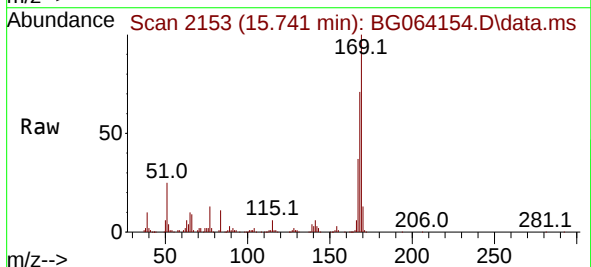
Manual Integrations
APPROVED

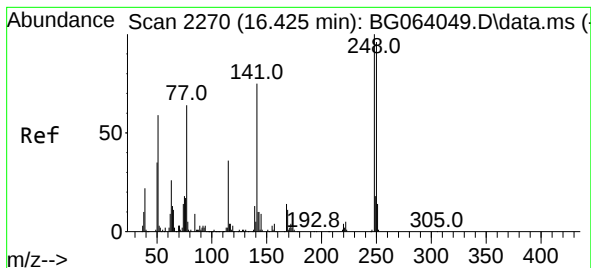
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#66
n-Nitrosodiphenylamine
Concen: 53.085 ng
RT: 15.741 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Tgt Ion:169 Resp: 382963
Ion Ratio Lower Upper
169 100
168 70.8 54.1 81.1
167 37.4 30.3 45.5





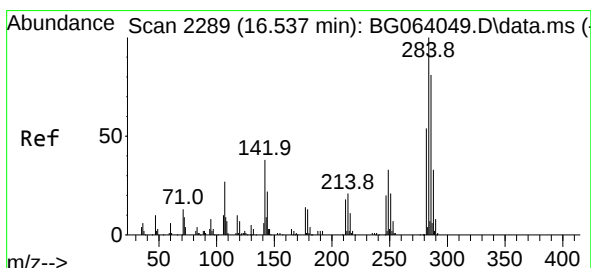
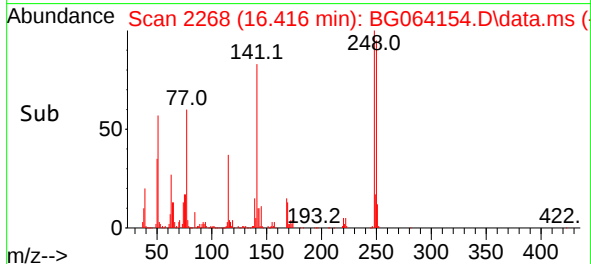
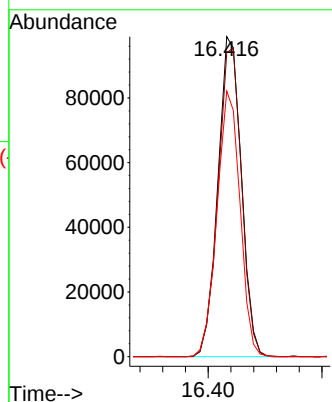
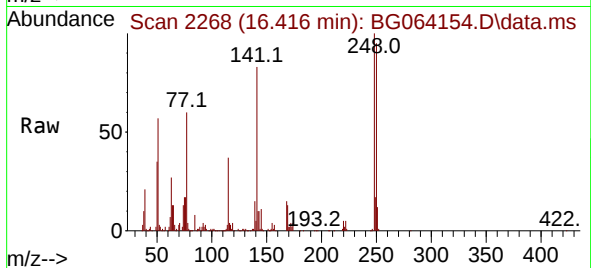
#67
4-Bromophenyl-phenylether
Concen: 54.364 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Instrument :
BNA_G
ClientSampleId :
RT5358MSD

Tgt Ion:248 Resp: 14190
Ion Ratio Lower Upper
248 100
250 95.0 77.1 115.7
141 83.0 59.8 89.8

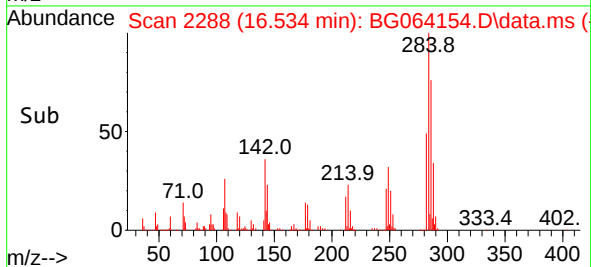
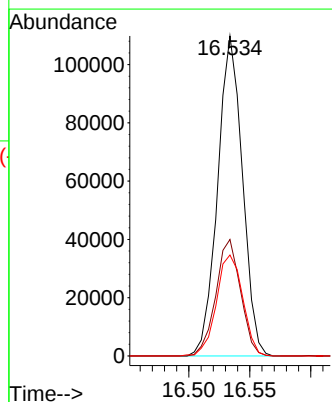
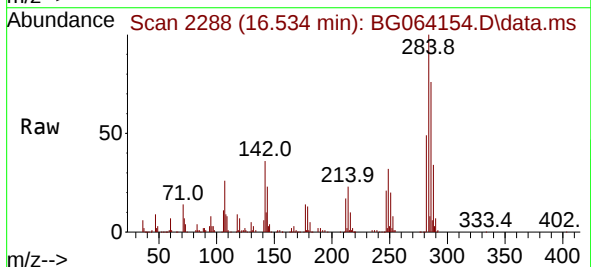
Manual Integrations
APPROVED

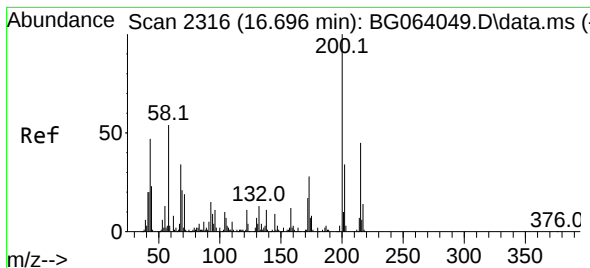
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#68
Hexachlorobenzene
Concen: 53.177 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Tgt Ion:284 Resp: 155398
Ion Ratio Lower Upper
284 100
142 36.4 30.6 45.8
249 31.5 26.6 39.8





#69

Atrazine

Concen: 71.124 ng

RT: 16.692 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

RT5358MSD

Tgt Ion:200 Resp: 150970

Ion Ratio Lower Upper

200 100

173 24.9 8.2 48.2

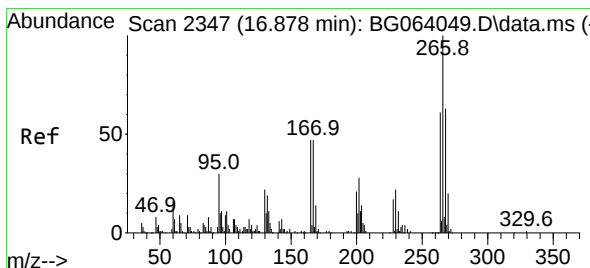
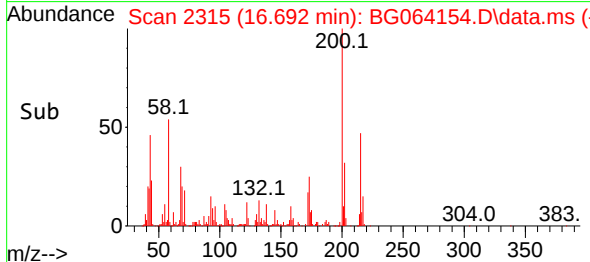
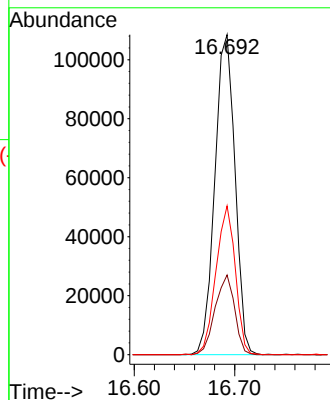
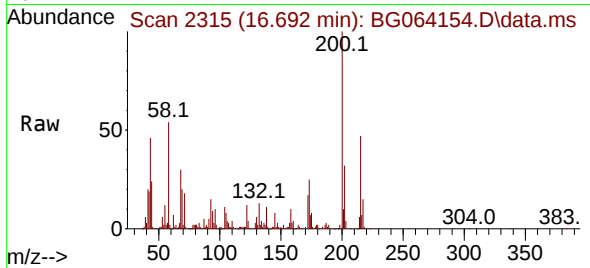
215 46.5 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#70

Pentachlorophenol

Concen: 115.484 ng

RT: 16.875 min Scan# 2346

Delta R.T. -0.003 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

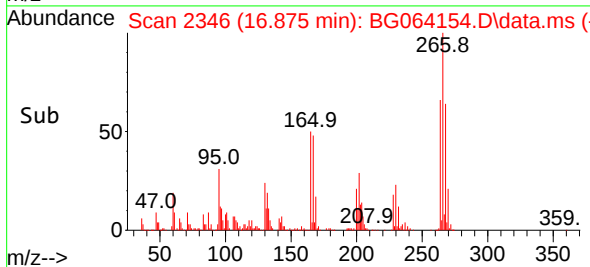
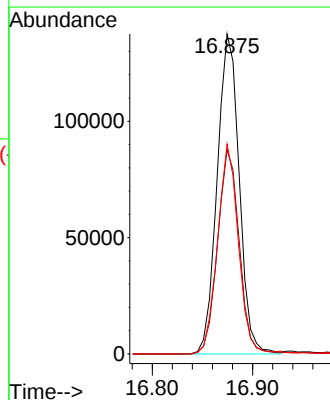
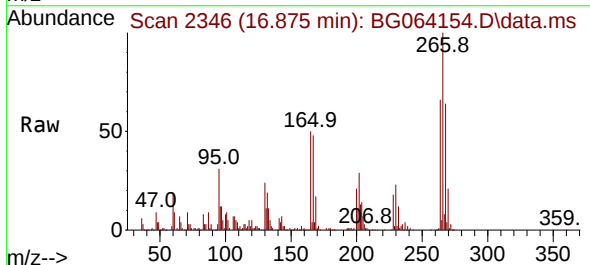
Tgt Ion:266 Resp: 209537

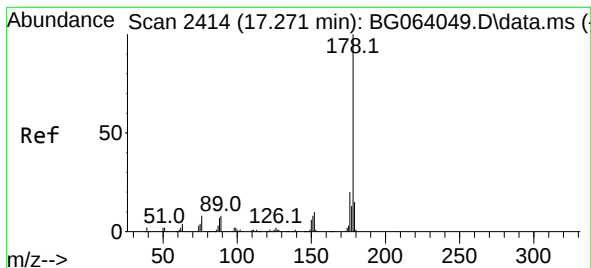
Ion Ratio Lower Upper

266 100

268 63.8 50.2 75.4

264 65.6 48.9 73.3





#71

Phenanthrene

Concen: 52.839 ng

RT: 17.268 min Scan# 2413

Delta R.T. -0.003 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

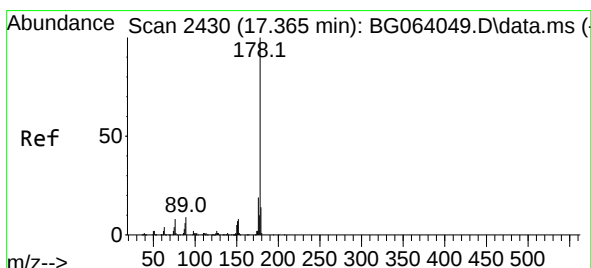
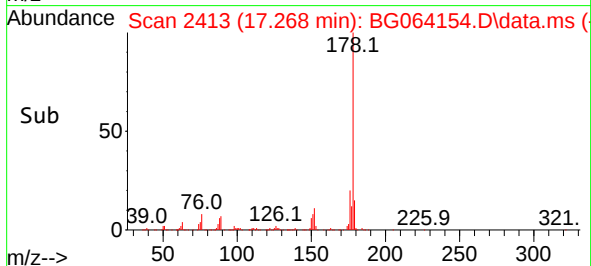
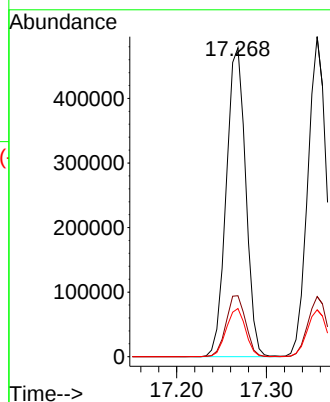
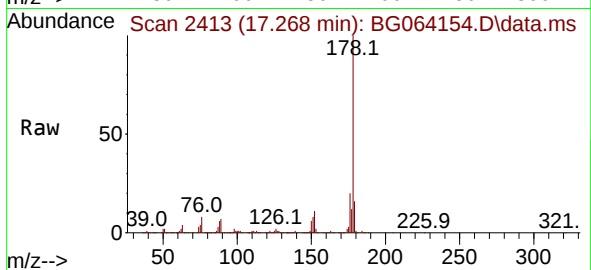
RT5358MSD

Tgt Ion:178 Resp: 718270
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.6 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025



#72

Anthracene

Concen: 53.276 ng

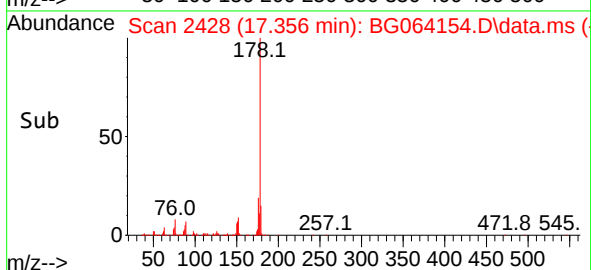
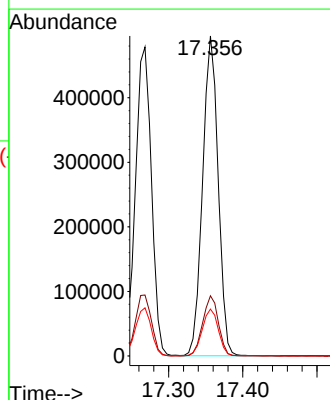
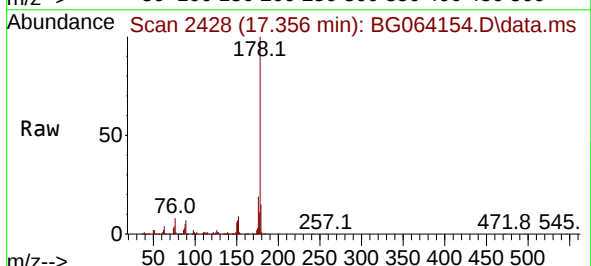
RT: 17.356 min Scan# 2428

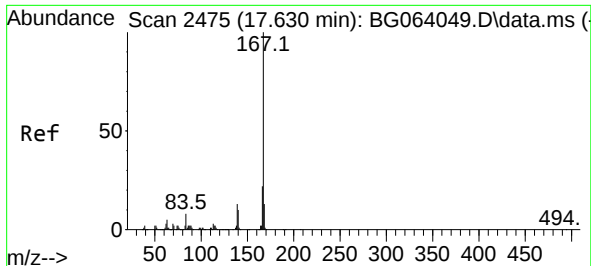
Delta R.T. -0.009 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

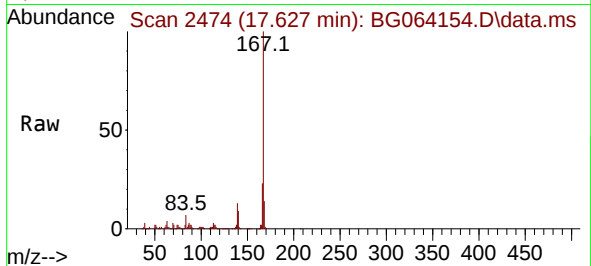
Tgt Ion:178 Resp: 720140
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.8 22.2
 179 14.6 11.5 17.3





#73
 Carbazole
 Concen: 51.706 ng
 RT: 17.627 min Scan# 2475
 Delta R.T. -0.003 min
 Lab File: BG064154.D
 Acq: 2 Apr 2025 15:44

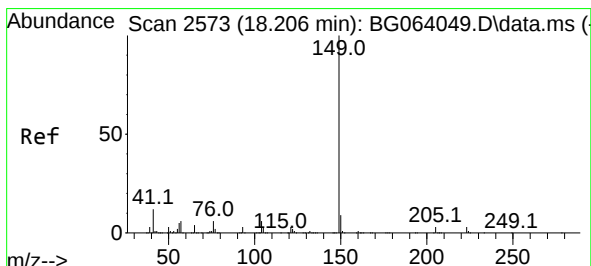
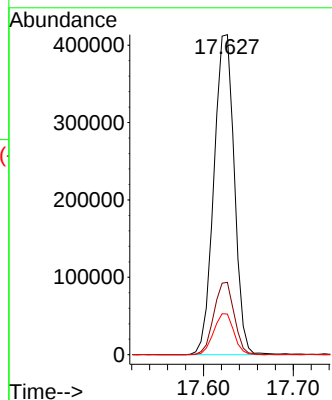
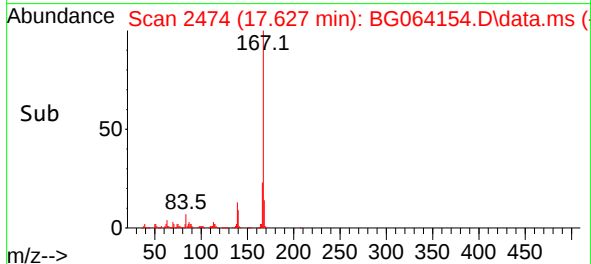
Instrument :
 BNA_G
 ClientSampleId :
 RT5358MSD



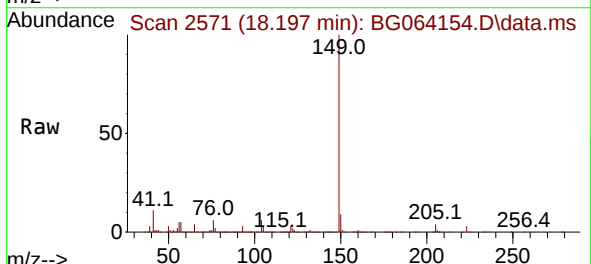
Tgt Ion:167 Resp: 65254
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 12.7 10.6 15.8

Manual Integrations
 APPROVED

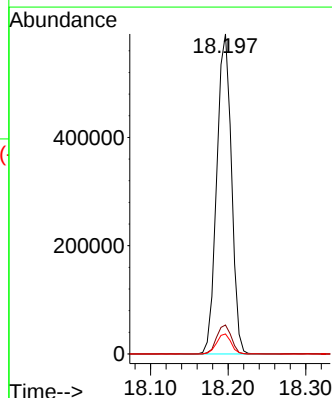
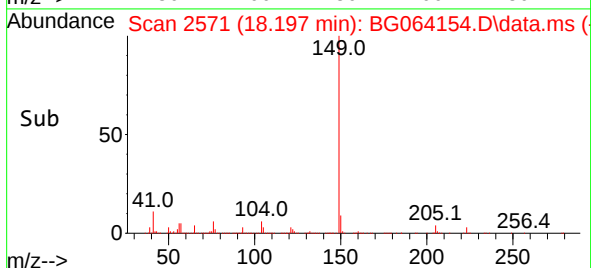
Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025

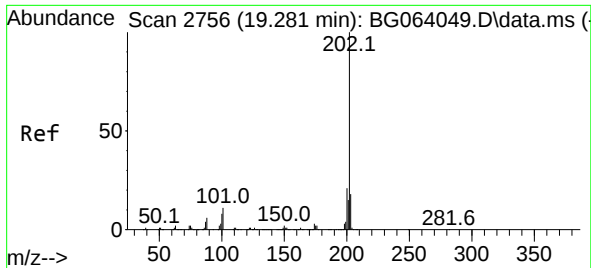


#74
 Di-n-butylphthalate
 Concen: 52.365 ng
 RT: 18.197 min Scan# 2571
 Delta R.T. -0.009 min
 Lab File: BG064154.D
 Acq: 2 Apr 2025 15:44



Tgt Ion:149 Resp: 777903
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 6.3 5.0 7.6





#75
Fluoranthene
Concen: 53.232 ng
RT: 19.278 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

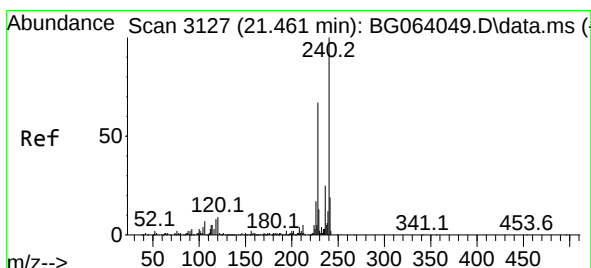
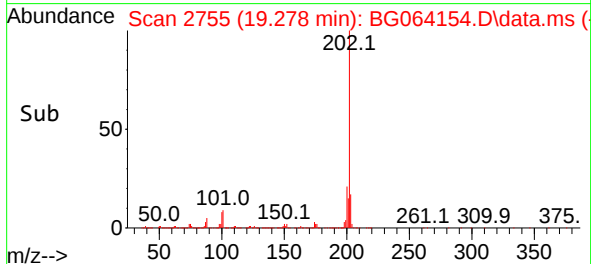
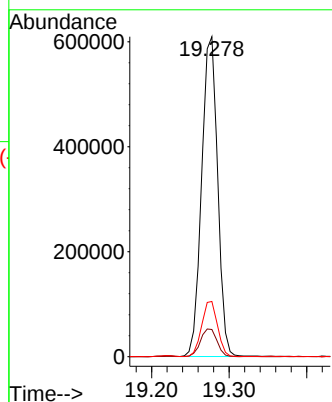
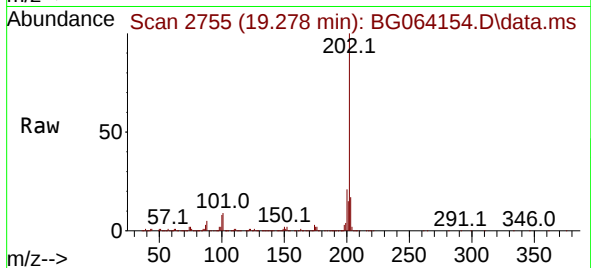
RT5358MSD

Tgt Ion:202 Resp: 872384
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.5
203 17.3 0.0 38.3

Manual Integrations

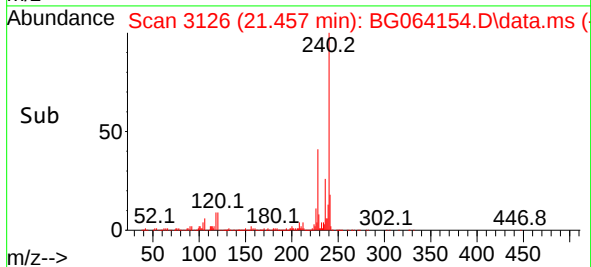
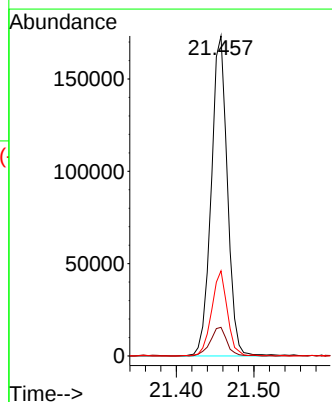
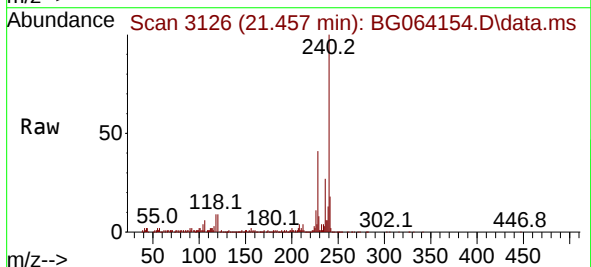
APPROVED

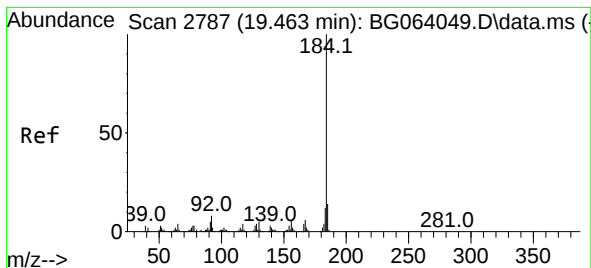
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Tgt Ion:240 Resp: 251131
Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 26.6 20.2 30.2





#77

Benzidine

Concen: 76.100 ng

RT: 19.454 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

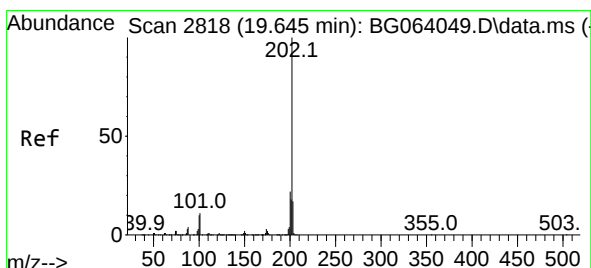
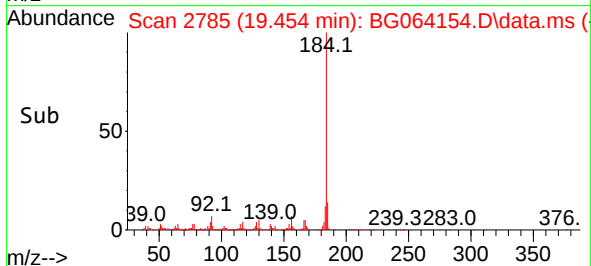
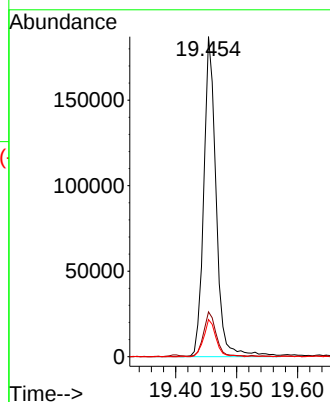
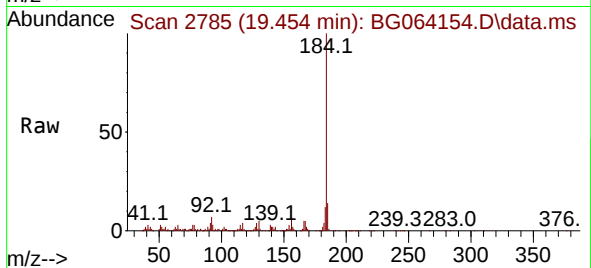
RT5358MSD

Tgt Ion:184 Resp: 264634
 Ion Ratio Lower Upper
 184 100
 185 14.0 11.3 16.9
 183 11.6 9.5 14.3

Manual Integrations

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Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025



#78

Pyrene

Concen: 53.517 ng

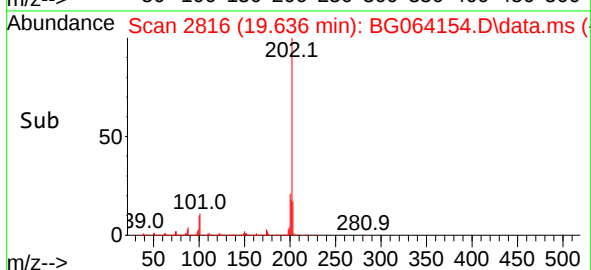
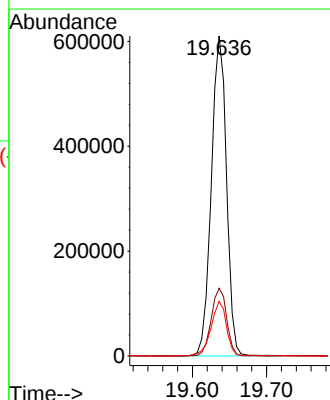
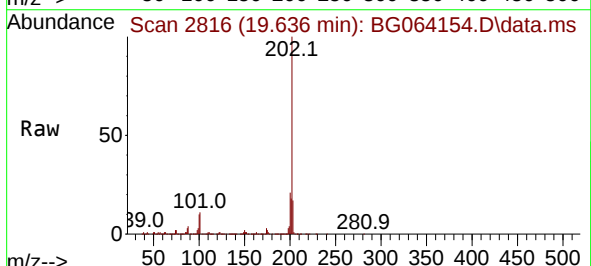
RT: 19.636 min Scan# 2816

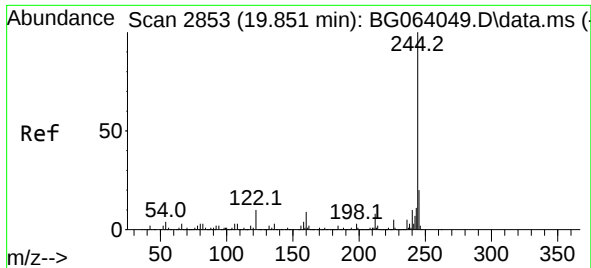
Delta R.T. -0.009 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

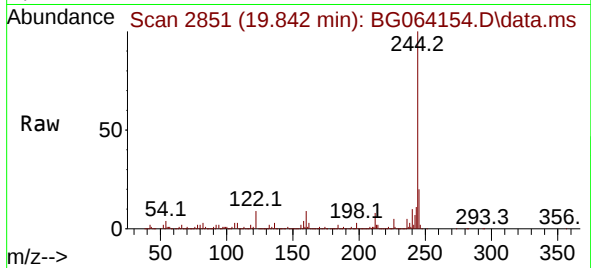
Tgt Ion:202 Resp: 866360
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.3 25.9
 203 17.1 13.6 20.4





#79
 Terphenyl-d14
 Concen: 62.964 ng
 RT: 19.842 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG064154.D
 Acq: 2 Apr 2025 15:44

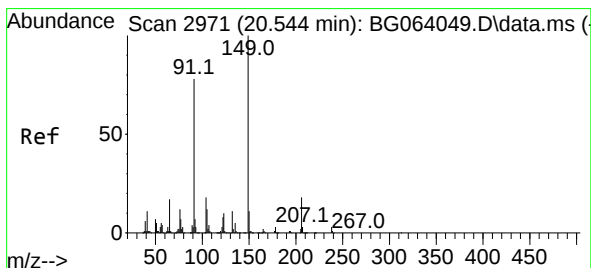
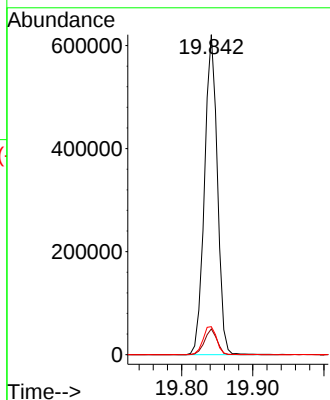
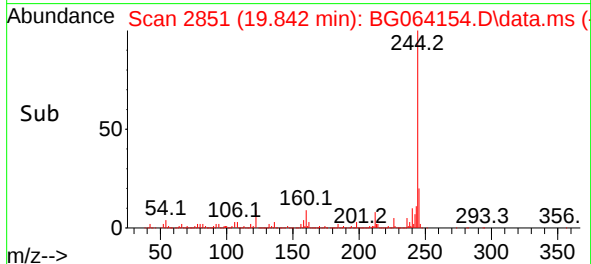
Instrument :
 BNA_G
 ClientSampleId :
 RT5358MSD



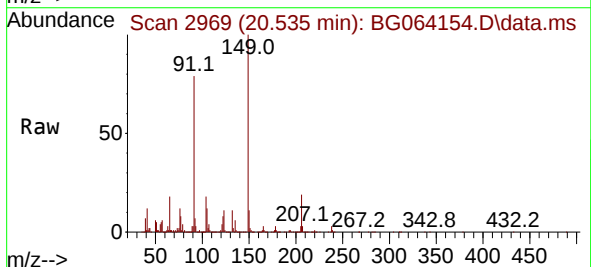
Tgt Ion:244 Resp: 782004
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 8.7 8.0 12.0

Manual Integrations
 APPROVED

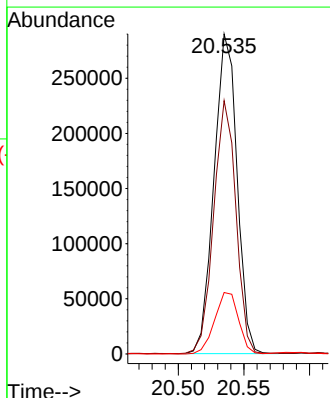
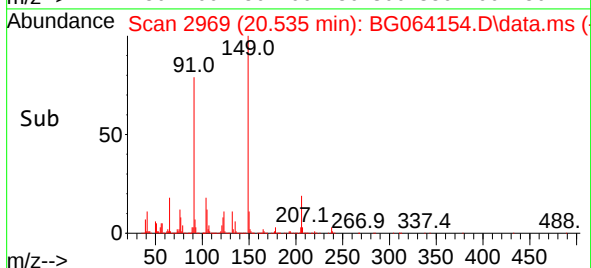
Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025

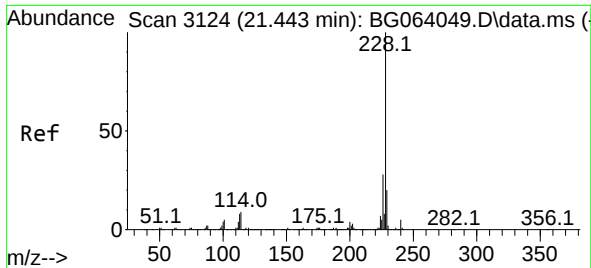


#80
 Butylbenzylphthalate
 Concen: 57.533 ng
 RT: 20.535 min Scan# 2969
 Delta R.T. -0.009 min
 Lab File: BG064154.D
 Acq: 2 Apr 2025 15:44



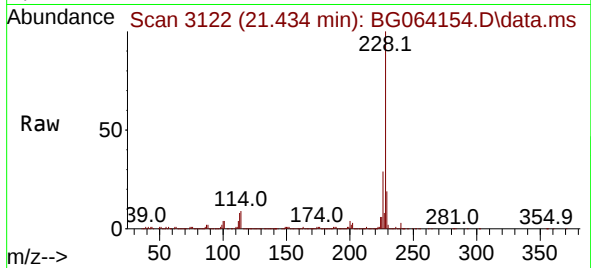
Tgt Ion:149 Resp: 354238
 Ion Ratio Lower Upper
 149 100
 91 79.2 62.0 93.0
 206 19.2 14.6 21.8





#81
Benzo(a)anthracene
Concen: 54.014 ng
RT: 21.434 min Scan# 3109
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

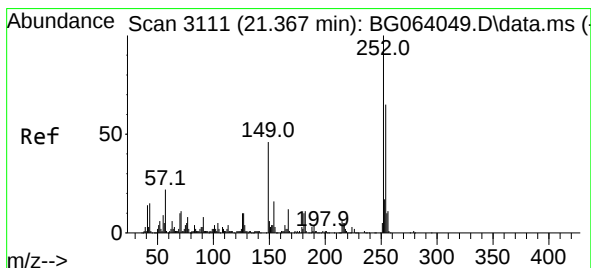
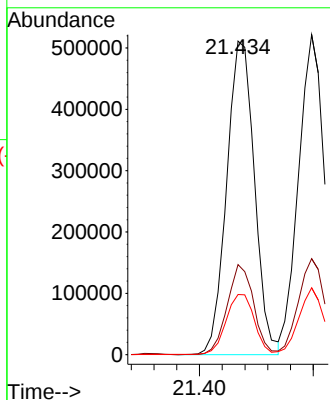
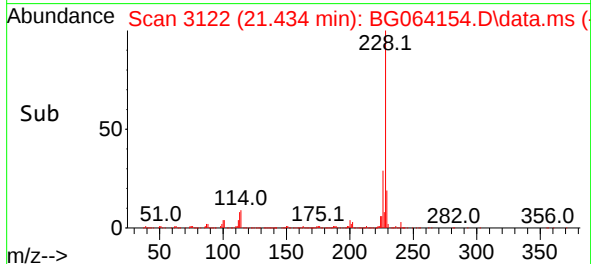
Instrument :
BNA_G
ClientSampleId :
RT5358MSD



Tgt Ion:228 Resp: 868899
Ion Ratio Lower Upper
228 100
226 28.7 22.2 33.2
229 19.2 16.4 24.6

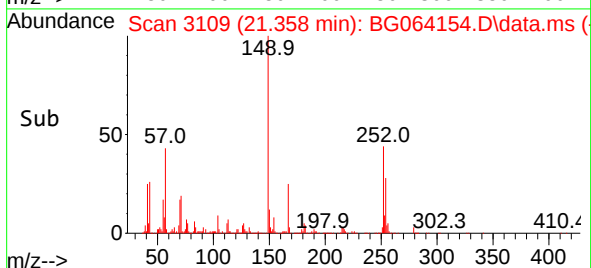
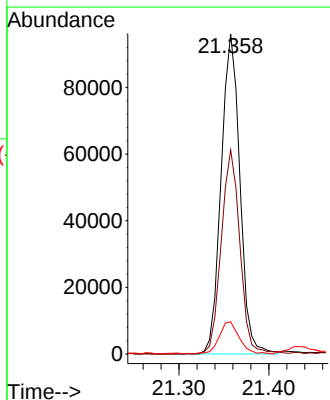
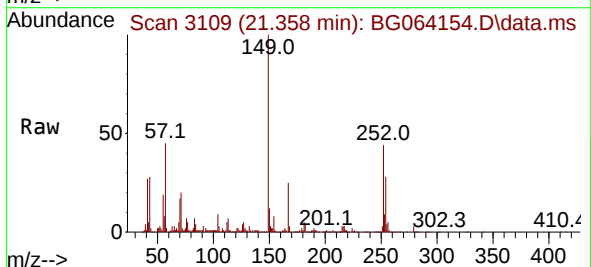
Manual Integrations
APPROVED

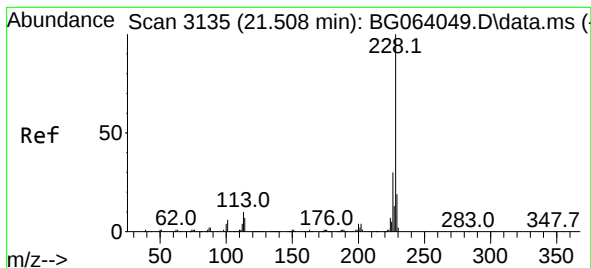
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#82
3,3'-Dichlorobenzidine
Concen: 26.768 ng
RT: 21.358 min Scan# 3109
Delta R.T. -0.009 min
Lab File: BG064154.D
Acq: 2 Apr 2025 15:44

Tgt Ion:252 Resp: 139361
Ion Ratio Lower Upper
252 100
254 63.8 52.1 78.1
126 10.1 7.8 11.8





#83

Chrysene

Concen: 51.243 ng

RT: 21.499 min Scan# 3111

Delta R.T. -0.009 min

Lab File: BG064154.D

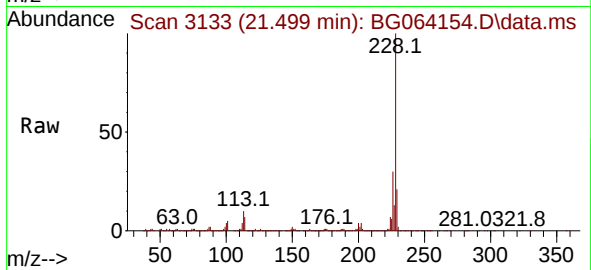
Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

RT5358MSD



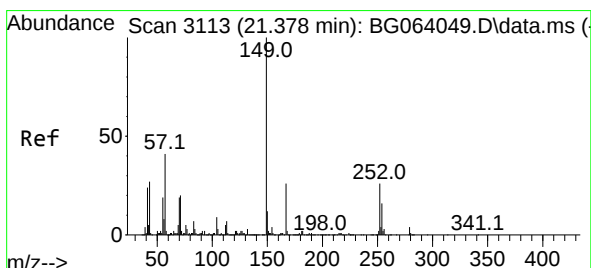
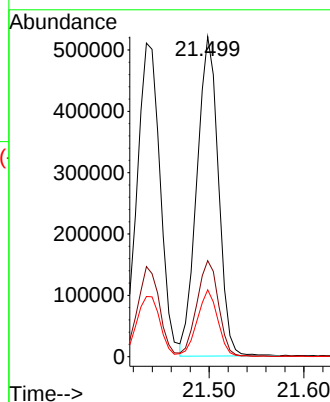
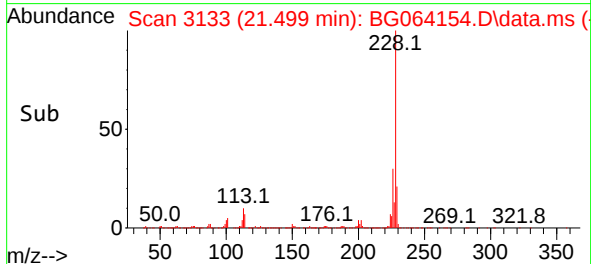
Tgt Ion:	228	Resp:	82216
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.9	35.9
229	20.9	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.995 ng

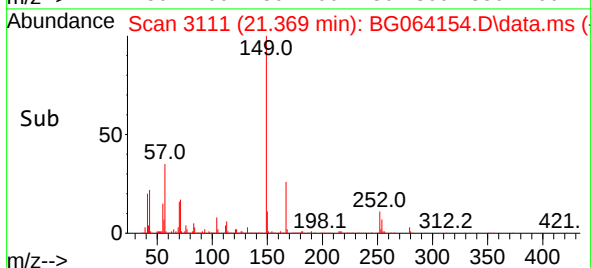
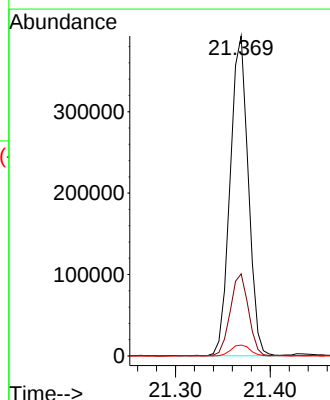
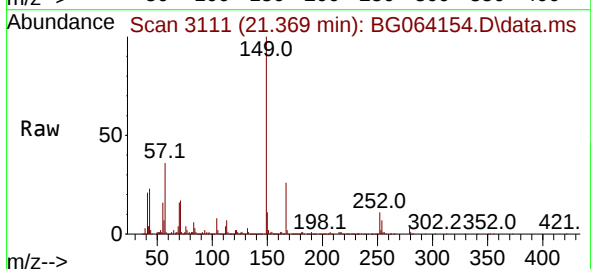
RT: 21.369 min Scan# 3111

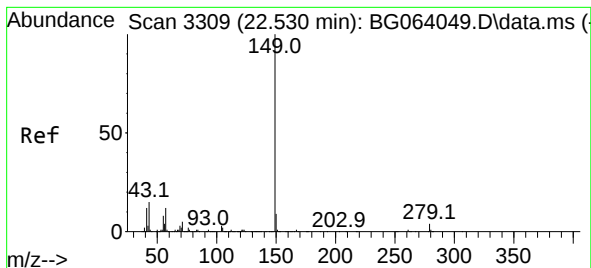
Delta R.T. -0.009 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

Tgt Ion:	149	Resp:	521959
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.0	31.6
279	3.4	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 59.373 ng

RT: 22.509 min Scan# 31

Delta R.T. -0.021 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

RT5358MSD

Tgt Ion:149 Resp: 890964

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

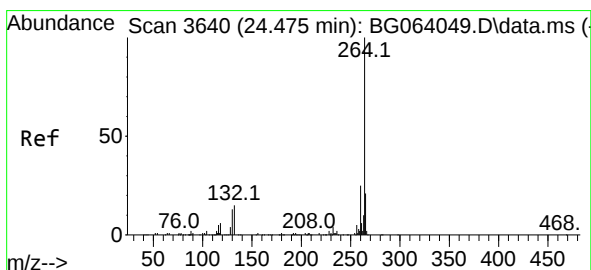
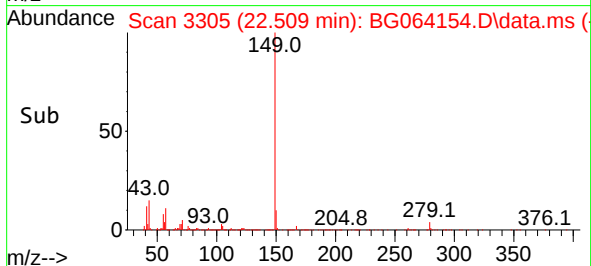
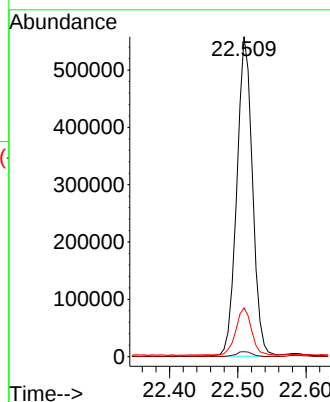
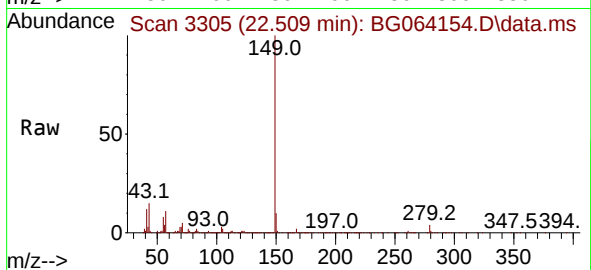
43 14.6 12.6 19.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.466 min Scan# 3638

Delta R.T. -0.009 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

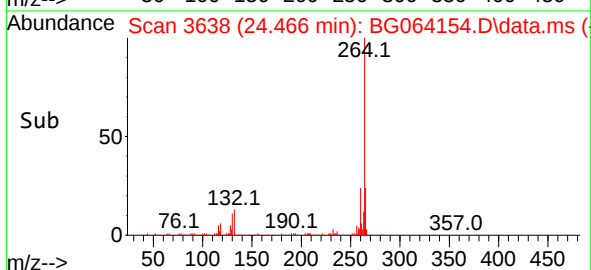
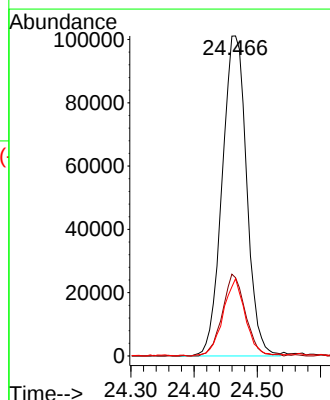
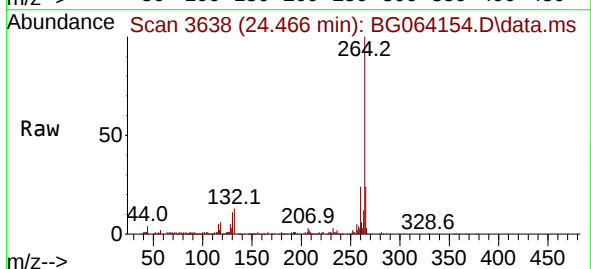
Tgt Ion:264 Resp: 271943

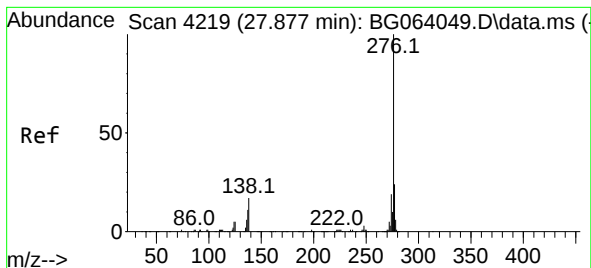
Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 24.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.009 ng

RT: 27.862 min Scan# 41

Delta R.T. -0.015 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

RT5358MSD

Tgt Ion:276 Resp: 103729

Ion Ratio Lower Upper

276 100

138 13.7 12.1 18.1

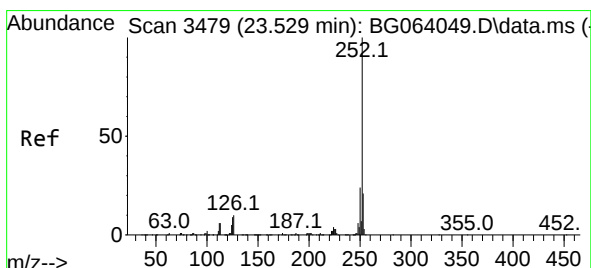
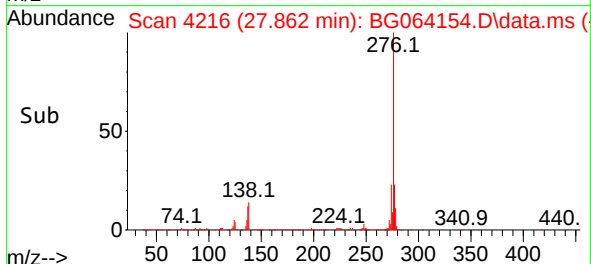
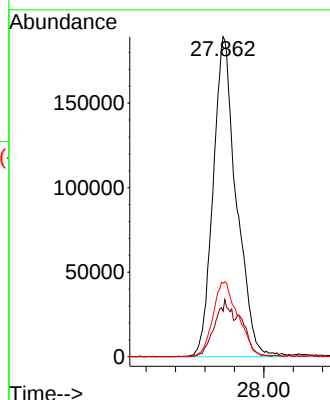
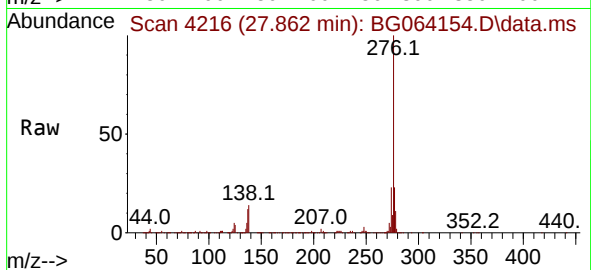
277 25.6 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#88

Benzo(b)fluoranthene

Concen: 52.555 ng

RT: 23.520 min Scan# 3477

Delta R.T. -0.009 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

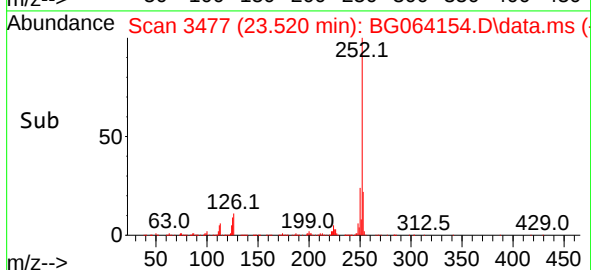
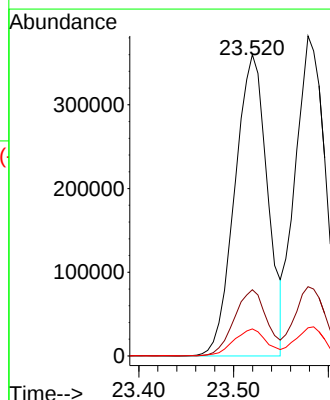
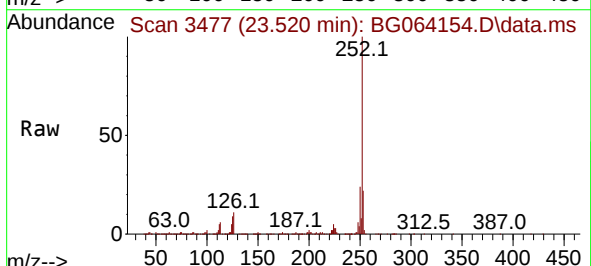
Tgt Ion:252 Resp: 864000

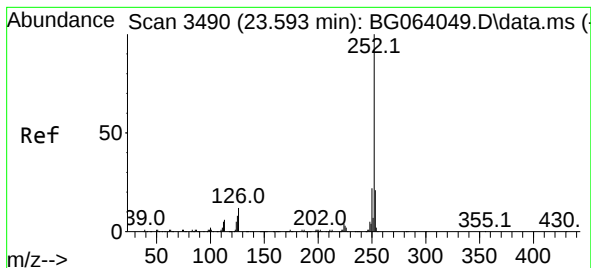
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 9.0 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 51.416 ng

RT: 23.578 min Scan# 34

Delta R.T. -0.015 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

RT5358MSD

Tgt Ion:252 Resp: 84799

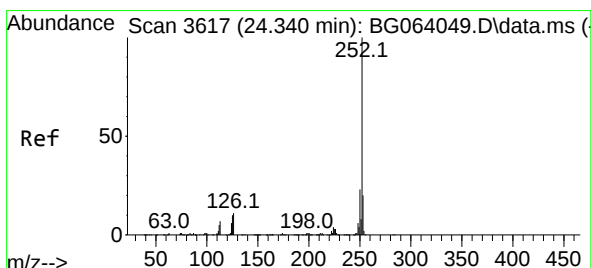
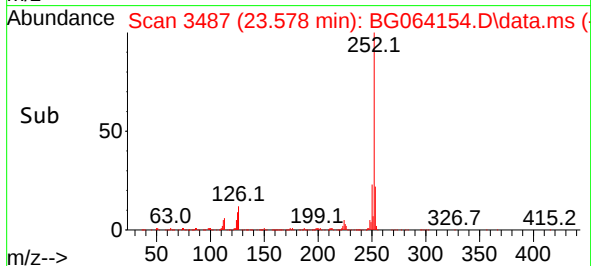
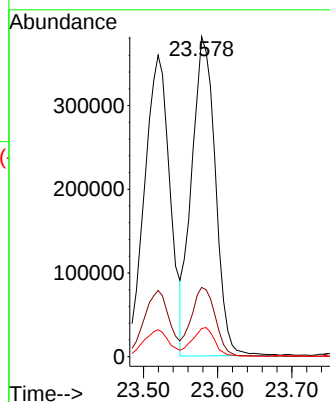
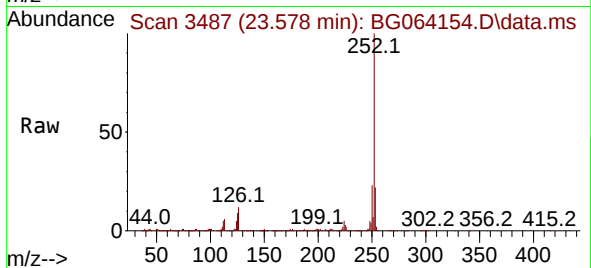
Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.8	25.2
125	8.8	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#90

Benzo(a)pyrene

Concen: 56.349 ng

RT: 24.331 min Scan# 3615

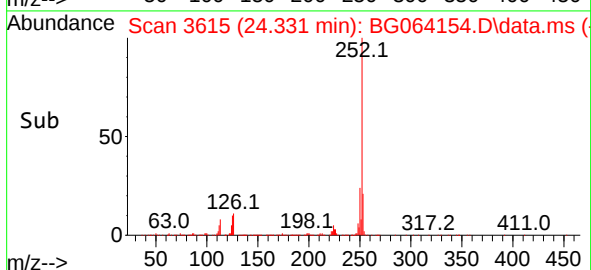
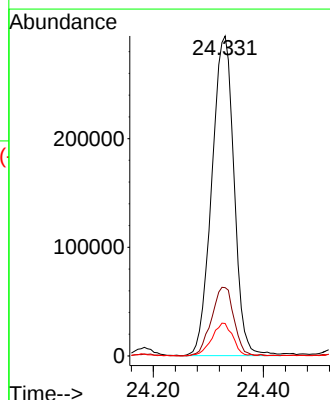
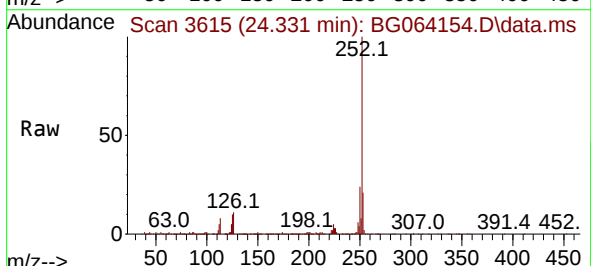
Delta R.T. -0.009 min

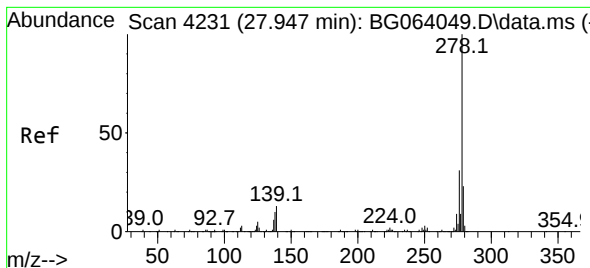
Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

Tgt Ion:252 Resp: 825027

Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.2	24.2
125	10.1	7.8	11.6





#91

Dibenzo(a,h)anthracene

Concen: 55.685 ng

RT: 27.926 min Scan# 41

Delta R.T. -0.021 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

RT5358MSD

Tgt Ion:278 Resp: 83998

Ion Ratio Lower Upper

278 100

139 12.4 10.2 15.2

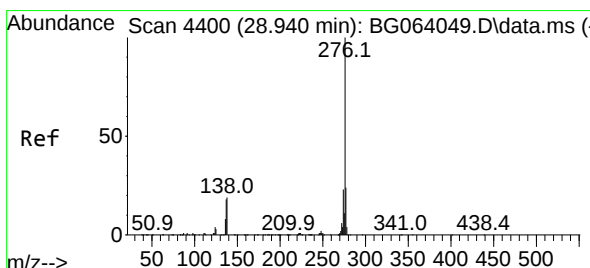
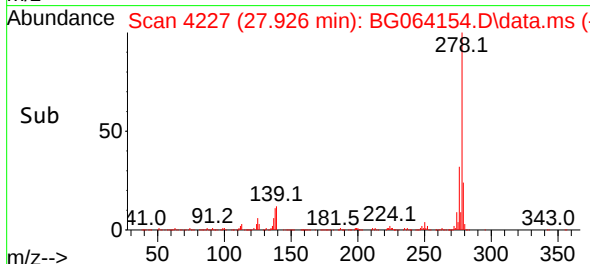
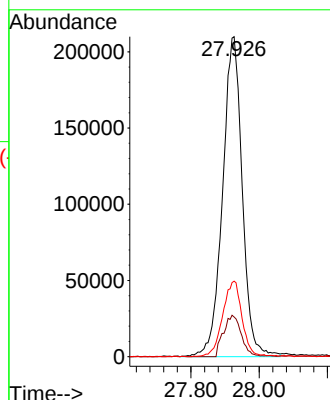
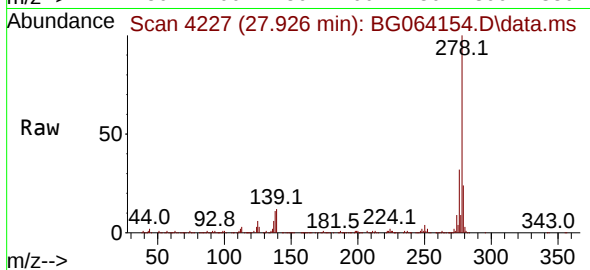
279 23.6 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#92

Benzo(g,h,i)perylene

Concen: 52.762 ng

RT: 28.919 min Scan# 4396

Delta R.T. -0.021 min

Lab File: BG064154.D

Acq: 2 Apr 2025 15:44

Tgt Ion:276 Resp: 817142

Ion Ratio Lower Upper

276 100

277 21.6 19.5 29.3

138 19.0 15.4 23.0

