

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064184.D
 Acq On : 4 Apr 2025 2:44
 Operator : RC/JU
 Sample : Q1680-04MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 04 03:30:15 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)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	27837	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	134439	20.000	ng	-0.01
39) Acenaphthene-d10	14.483	164	105244	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	238002	20.000	ng	0.00
76) Chrysene-d12	21.457	240	235382	20.000	ng	0.00
86) Perylene-d12	24.465	264	251979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	260698	146.232	ng	0.00
7) Phenol-d6	7.027	99	333808	137.638	ng	0.00
23) Nitrobenzene-d5	9.013	82	269355	110.720	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	216853	185.366	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	684083	98.662	ng	0.00
79) Terphenyl-d14	19.841	244	1214566	104.335	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.372	88	24690	30.559	ng	# 77
3) Pyridine	3.760	79	65631	33.401	ng	95
4) n-Nitrosodimethylamine	3.672	42	61536	43.832	ng	98
6) Aniline	7.185	93	109046	45.821	ng	95
8) 2-Chlorophenol	7.426	128	110794	57.864	ng	94
9) Benzaldehyde	6.997	77	52637	37.318	ng	96
10) Phenol	7.056	94	132195	53.238	ng	96
11) bis(2-Chloroethyl)ether	7.285	93	98766	50.735	ng	98
12) 1,3-Dichlorobenzene	7.749	146	101692	48.365	ng	98
13) 1,4-Dichlorobenzene	7.896	146	103278	47.921	ng	97
14) 1,2-Dichlorobenzene	8.208	146	104001	50.044	ng	97
15) Benzyl Alcohol	8.090	79	116644	62.239	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.384	45	231024	52.778	ng	99
17) 2-Methylphenol	8.302	107	103736	62.947	ng	96
18) Hexachloroethane	8.936	117	41285	54.752	ng	96
19) n-Nitroso-di-n-propyla...	8.666	70	99553	58.490	ng	96
20) 3+4-Methylphenols	8.625	107	141052	62.170	ng	93
22) Acetophenone	8.678	105	187659	50.911	ng	# 95
24) Nitrobenzene	9.054	77	140610	55.927	ng	96
25) Isophorone	9.577	82	282666	58.051	ng	# 93
26) 2-Nitrophenol	9.759	139	62995	66.649	ng	95
27) 2,4-Dimethylphenol	9.823	122	125918	86.261	ng	91
28) bis(2-Chloroethoxy)met...	10.058	93	156635	53.058	ng	# 95
29) 2,4-Dichlorophenol	10.299	162	120056	65.134	ng	98
30) 1,2,4-Trichlorobenzene	10.511	180	115810	52.047	ng	96
31) Naphthalene	10.699	128	369593	50.983	ng	98
32) Benzoic acid	9.906	122	7646	13.361	ng	# 77
33) 4-Chloroaniline	10.805	127	26583	10.033	ng	94
34) Hexachlorobutadiene	10.987	225	78704	53.963	ng	97
35) Caprolactam	11.574	113	38105m	53.946	ng	
36) 4-Chloro-3-methylphenol	11.933	107	160419	66.395	ng	99
37) 2-Methylnaphthalene	12.303	142	265000	51.781	ng	98
38) 1-Methylnaphthalene	12.526	142	282083	56.260	ng	99
40) 1,2,4,5-Tetrachloroben...	12.679	216	152559	50.774	ng	# 96
41) Hexachlorocyclopentadiene	12.661	237	209714	247.988	ng	97
43) 2,4,6-Trichlorophenol	12.914	196	114658	64.748	ng	96

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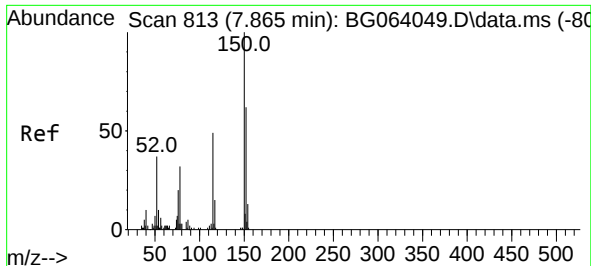
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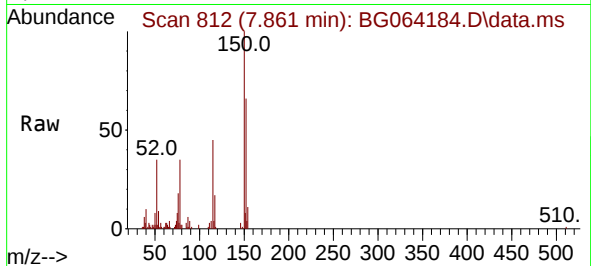
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	125481	63.772	ng	98
46) 1,1'-Biphenyl	13.319	154	426162	53.597	ng	97
47) 2-Chloronaphthalene	13.360	162	312490	53.886	ng	96
48) 2-Nitroaniline	13.560	65	130983	63.871	ng	94
49) Acenaphthylene	14.206	152	544623	59.375	ng	99
50) Dimethylphthalate	13.942	163	450982	58.050	ng	99
51) 2,6-Dinitrotoluene	14.060	165	96400	60.243	ng	93
52) Acenaphthene	14.547	154	329396	53.510	ng	99
53) 3-Nitroaniline	14.383	138	44113	29.379	ng	90
54) 2,4-Dinitrophenol	14.588	184	25644	43.061	ng	# 78
55) Dibenzofuran	14.882	168	535246	53.673	ng	97
56) 4-Nitrophenol	14.700	139	130971	104.006	ng	92
57) 2,4-Dinitrotoluene	14.847	165	141590	63.808	ng	# 98
58) Fluorene	15.528	166	441984	56.905	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.111	232	122445	63.832	ng	95
60) Diethylphthalate	15.311	149	481362	57.075	ng	99
61) 4-Chlorophenyl-phenyle...	15.528	204	216574	56.111	ng	90
62) 4-Nitroaniline	15.552	138	94160	58.085	ng	94
63) Azobenzene	15.816	77	497002	55.224	ng	98
65) 4,6-Dinitro-2-methylph...	15.605	198	31478	33.577	ng	96
66) n-Nitrosodiphenylamine	15.740	169	399703	59.330	ng	99
67) 4-Bromophenyl-phenylether	16.421	248	148786	61.038	ng	96
68) Hexachlorobenzene	16.533	284	160524	58.822	ng	98
69) Atrazine	16.692	200	157287	79.349	ng	97
70) Pentachlorophenol	16.874	266	128837	76.037	ng	99
71) Phenanthrene	17.268	178	724864	57.101	ng	99
72) Anthracene	17.356	178	736792	58.369	ng	98
73) Carbazole	17.626	167	661388	56.119	ng	99
74) Di-n-butylphthalate	18.196	149	811107	58.468	ng	99
75) Fluoranthene	19.277	202	831032	54.301	ng	98
77) Benzidine	19.459	184	175752	53.922	ng	100
78) Pyrene	19.635	202	855752	56.399	ng	99
80) Butylbenzylphthalate	20.534	149	363380	62.623	ng	96
81) Benzo(a)anthracene	21.439	228	873377	57.924	ng	98
82) 3,3'-Dichlorobenzidine	21.357	252	150739	30.891	ng	97
83) Chrysene	21.498	228	825635	54.902	ng	99
84) Bis(2-ethylhexyl)phtha...	21.369	149	551755	67.664	ng	99
85) Di-n-octyl phthalate	22.508	149	925830	65.825	ng	99
87) Indeno(1,2,3-cd)pyrene	27.873	276	1023884	60.731	ng	98
88) Benzo(b)fluoranthene	23.519	252	856994	56.259	ng	97
89) Benzo(k)fluoranthene	23.584	252	863195	56.485	ng	99
90) Benzo(a)pyrene	24.330	252	837163	61.708	ng	97
91) Dibenzo(a,h)anthracene	27.926	278	849918	60.808	ng	98
92) Benzo(g,h,i)perylene	28.930	276	807555	56.274	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

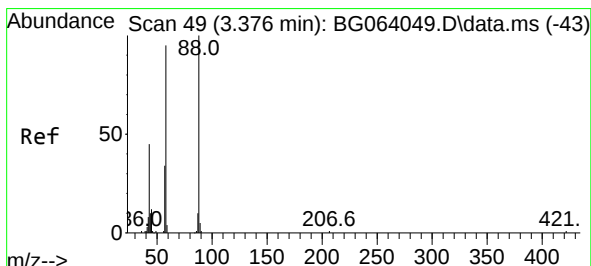
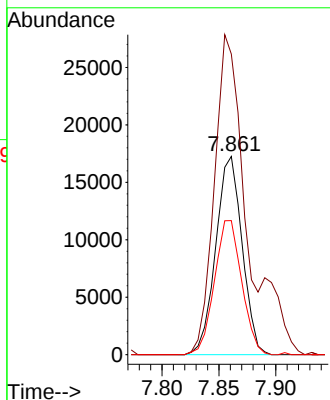
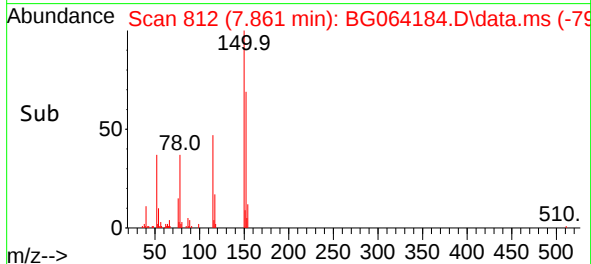
Instrument :
BNA_G
ClientSampleId :
TP-4MS



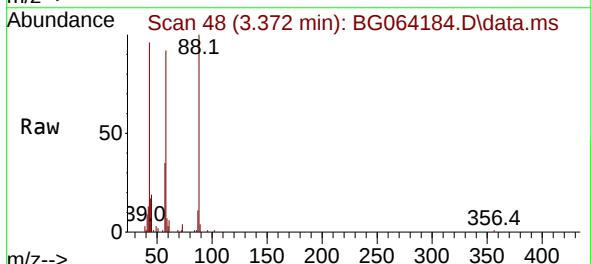
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Ion Ratio Lower Upper
152 100
150 151.6 129.2 193.8
115 67.6 63.0 94.6

Manual Integrations
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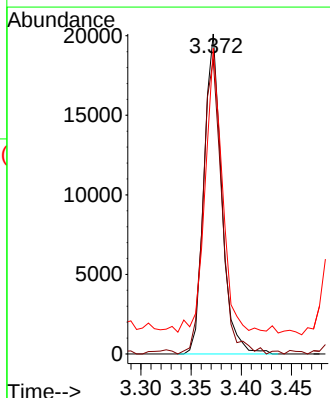
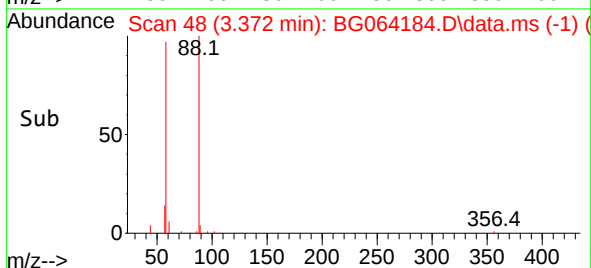
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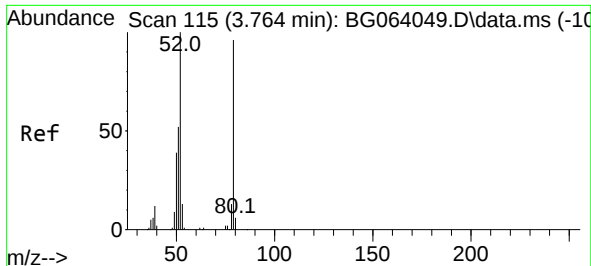


#2
1,4-Dioxane
Concen: 30.559 ng
RT: 3.372 min Scan# 48
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44



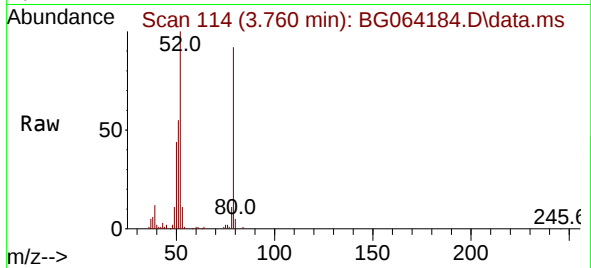
Tgt Ion: 88 Resp: 24690
Ion Ratio Lower Upper
88 100
58 97.5 74.6 111.8
43 84.7 35.5 53.3





#3
Pyridine
Concen: 33.401 ng
RT: 3.760 min Scan# 115
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

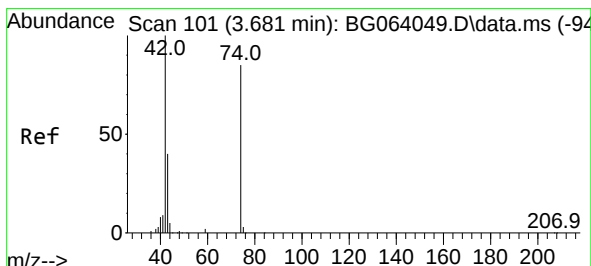
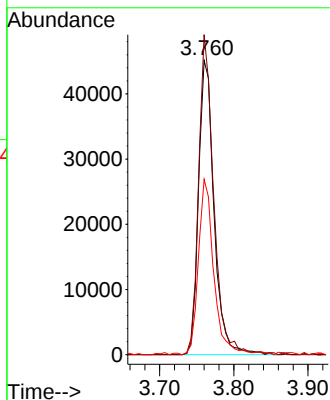
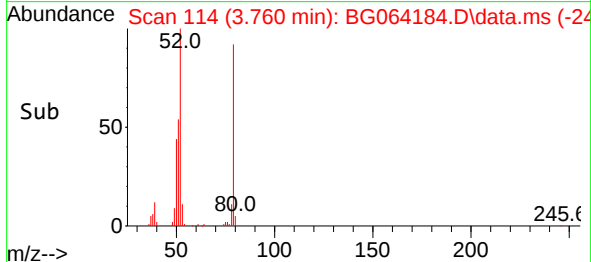
Instrument :
BNA_G
ClientSampleId :
TP-4MS



Tgt Ion: 79 Resp: 6563
Ion Ratio Lower Upper
79 100
52 108.7 83.0 124.6
51 59.6 44.3 66.5

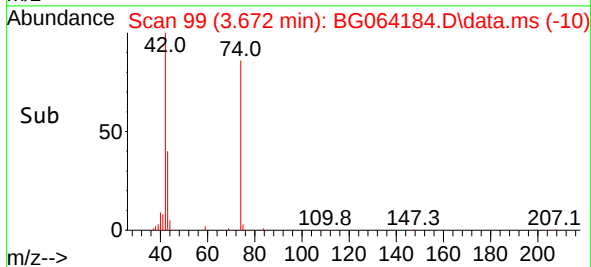
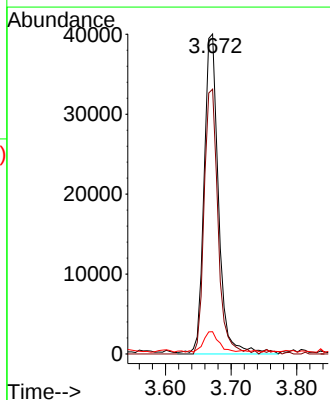
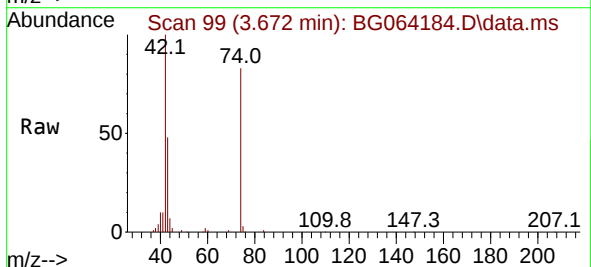
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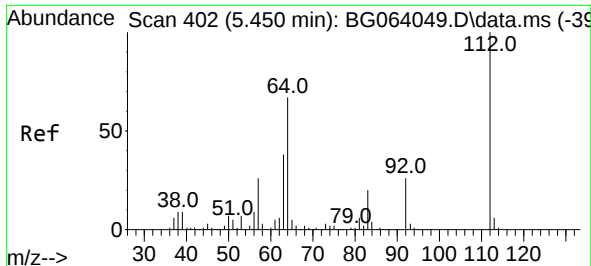
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#4
n-Nitrosodimethylamine
Concen: 43.832 ng
RT: 3.672 min Scan# 99
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

Tgt Ion: 42 Resp: 61536
Ion Ratio Lower Upper
42 100
74 82.8 68.0 102.0
44 6.9 4.9 7.3





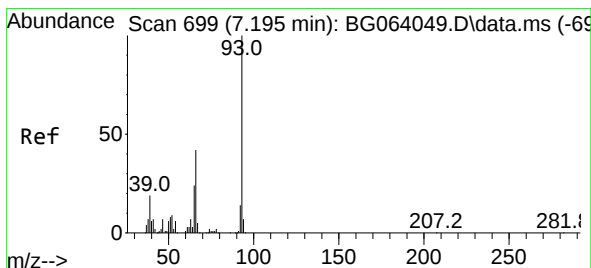
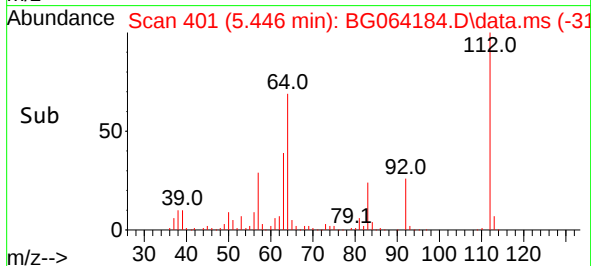
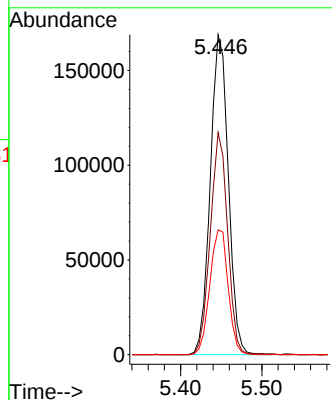
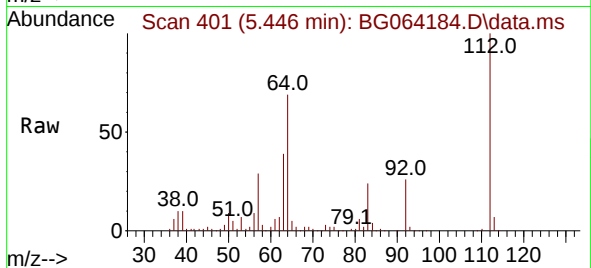
#5
2-Fluorophenol
Concen: 146.232 ng
RT: 5.446 min Scan# 402
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

Instrument :
BNA_G
ClientSampleId :
TP-4MS

Tgt Ion:112 Resp: 260698
Ion Ratio Lower Upper
112 100
64 69.4 53.7 80.5
63 39.0 30.2 45.4

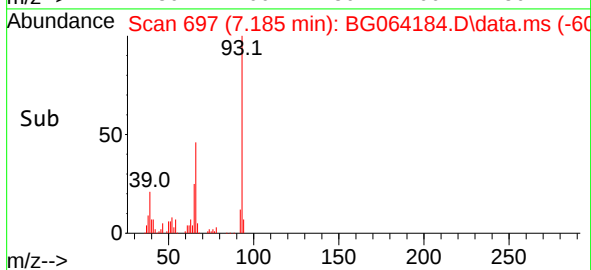
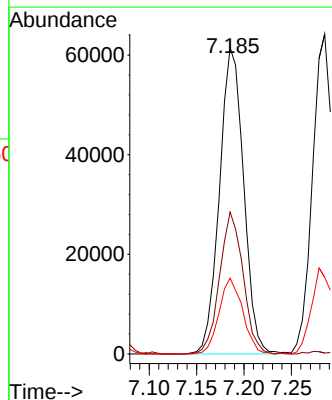
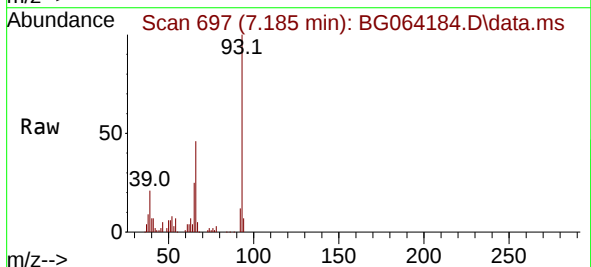
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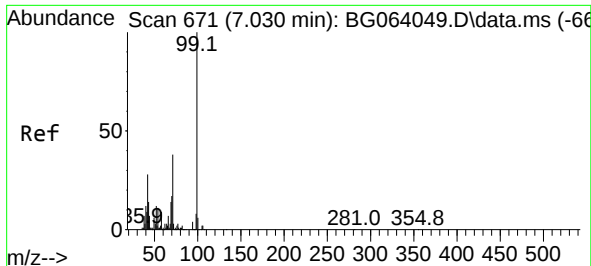
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#6
Aniline
Concen: 45.821 ng
RT: 7.185 min Scan# 697
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

Tgt Ion: 93 Resp: 109046
Ion Ratio Lower Upper
93 100
66 46.3 33.7 50.5
65 24.8 19.1 28.7





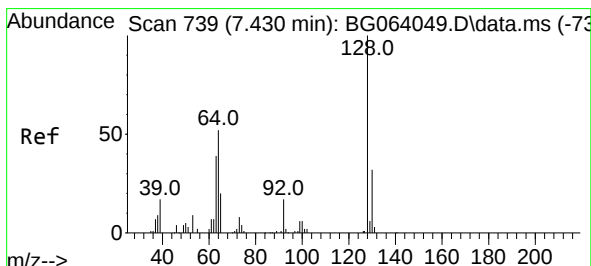
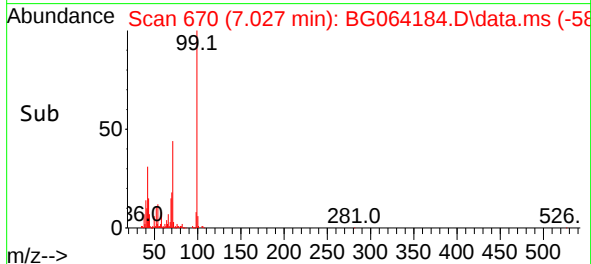
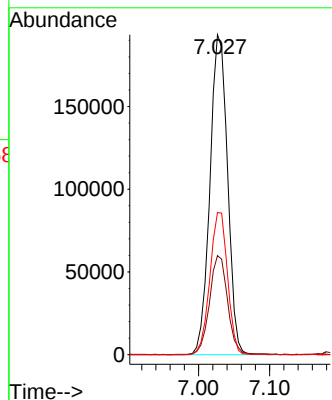
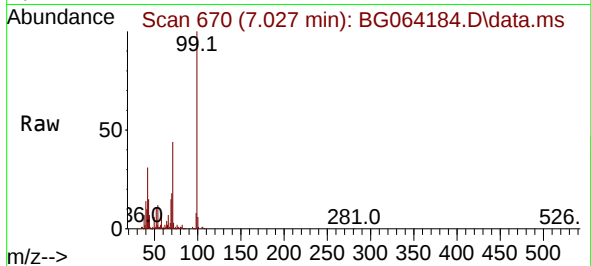
#7
Phenol-d6
Concen: 137.638 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

Instrument :
BNA_G
ClientSampleId :
TP-4MS

Tgt Ion: 99 Resp: 333808
Ion Ratio Lower Upper
99 100
42 31.0 22.7 34.1
71 44.4 30.6 46.0

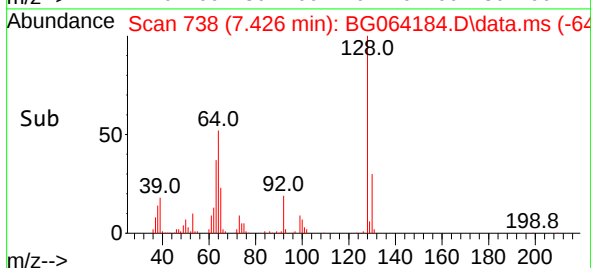
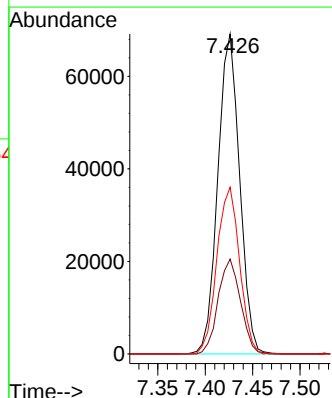
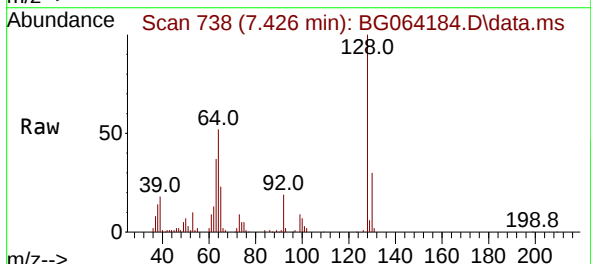
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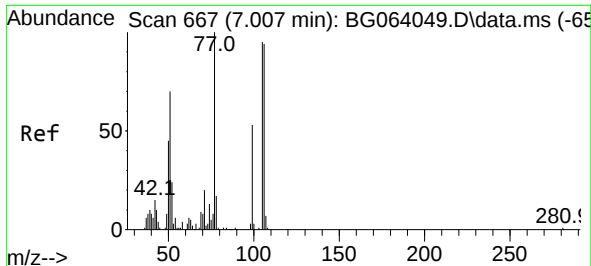
Reviewed By :Rahul Chavli 04/04/2025
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#8
2-Chlorophenol
Concen: 57.864 ng
RT: 7.426 min Scan# 738
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

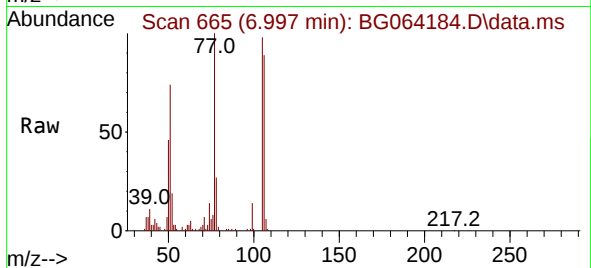
Tgt Ion:128 Resp: 110794
Ion Ratio Lower Upper
128 100
130 29.6 12.3 52.3
64 52.1 37.0 77.0





#9
Benzaldehyde
Concen: 37.318 ng
RT: 6.997 min Scan# 665
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

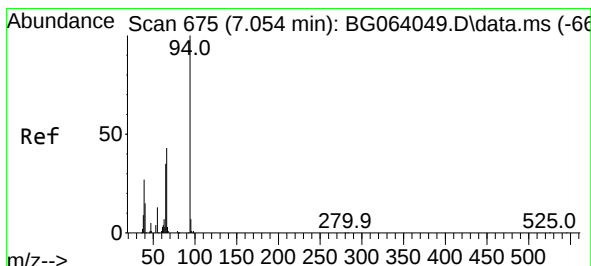
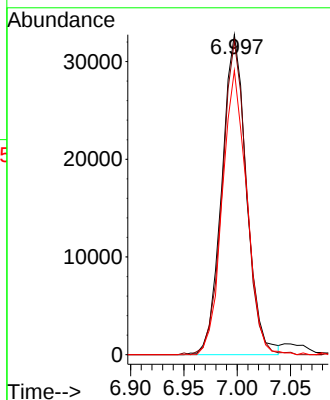
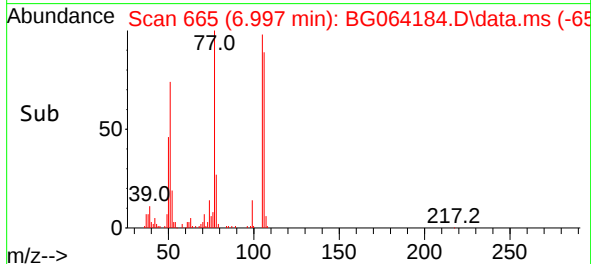
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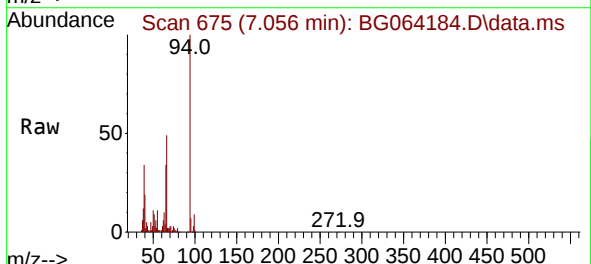
Tgt Ion: 77 Resp: 5263
Ion Ratio Lower Upper
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105 98.0 75.5 115.5
106 88.8 74.2 114.2

Manual Integrations
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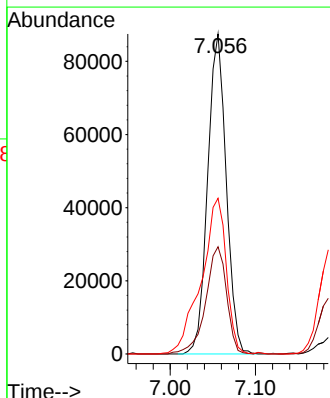
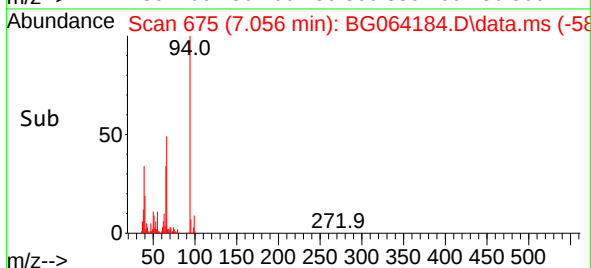
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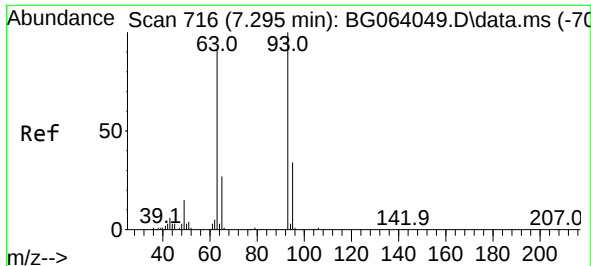


#10
Phenol
Concen: 53.238 ng
RT: 7.056 min Scan# 675
Delta R.T. 0.002 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44



Tgt Ion: 94 Resp: 132195
Ion Ratio Lower Upper
94 100
65 33.5 15.2 55.2
66 48.7 25.1 65.1





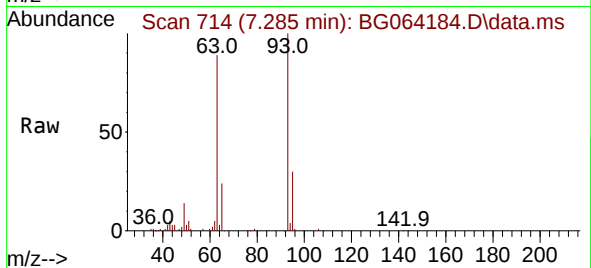
#11
bis(2-Chloroethyl)ether
Concen: 50.735 ng
RT: 7.285 min Scan# 716
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

Instrument :

BNA_G

ClientSampleId :

TP-4MS

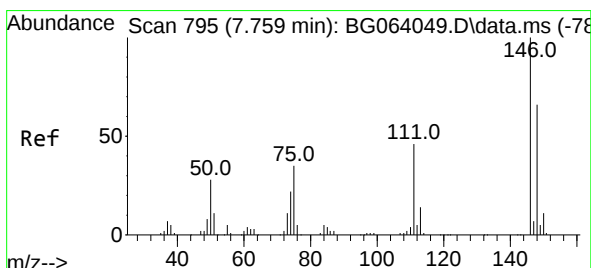
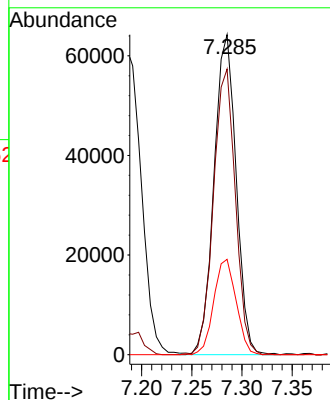
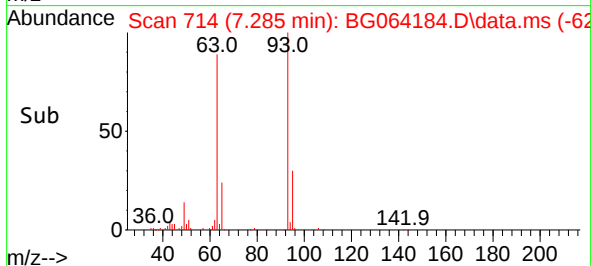


Tgt Ion: 93 Resp: 98760
Ion Ratio Lower Upper
93 100
63 89.3 70.0 110.0
95 29.8 13.7 53.7

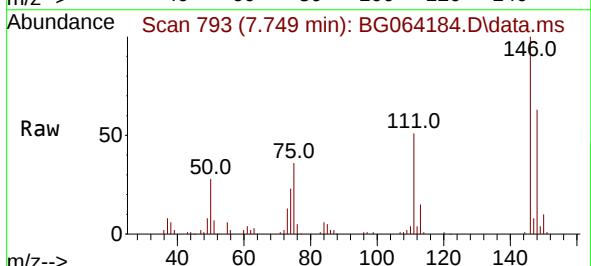
Manual Integrations

APPROVED

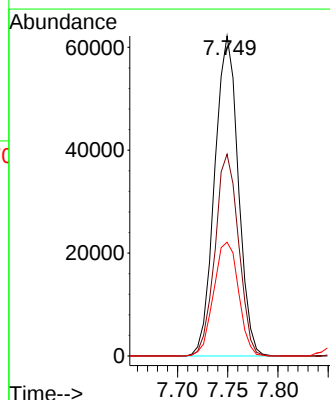
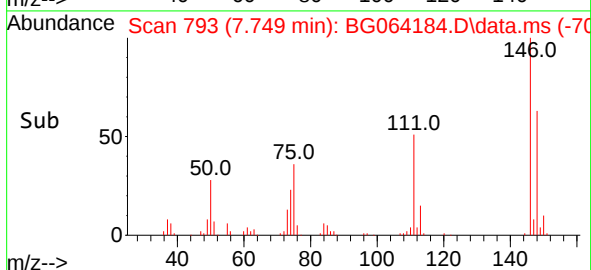
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

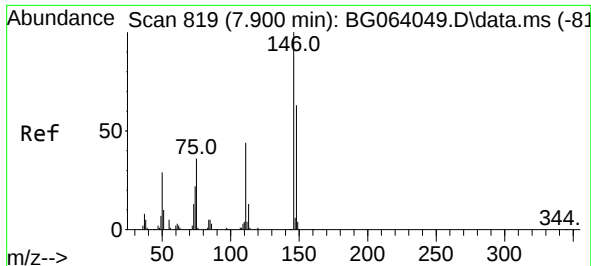


#12
1,3-Dichlorobenzene
Concen: 48.365 ng
RT: 7.749 min Scan# 793
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44



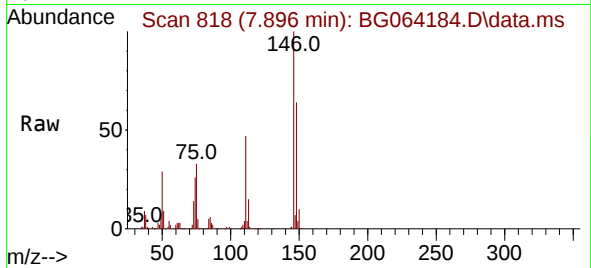
Tgt Ion:146 Resp: 101692
Ion Ratio Lower Upper
146 100
148 63.0 52.6 78.8
75 35.6 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 47.921 ng
RT: 7.896 min Scan# 819
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

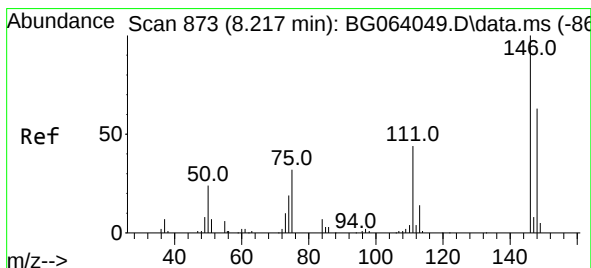
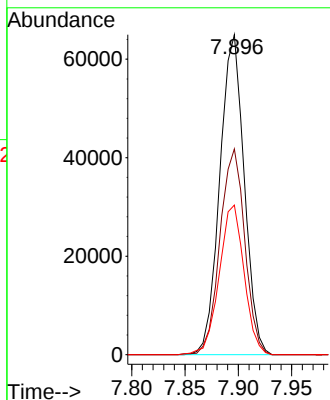
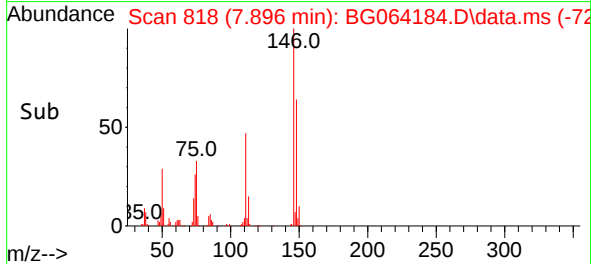
Instrument :
BNA_G
ClientSampleId :
TP-4MS



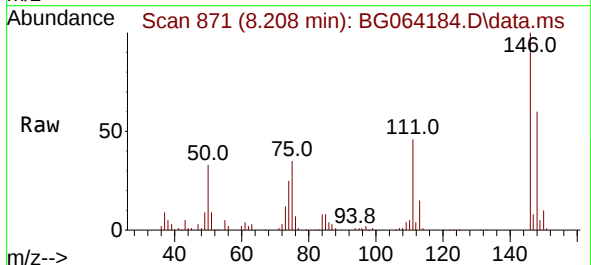
Tgt Ion:146 Resp: 103278
Ion Ratio Lower Upper
146 100
148 64.3 50.6 75.8
111 46.8 35.1 52.7

Manual Integrations
APPROVED

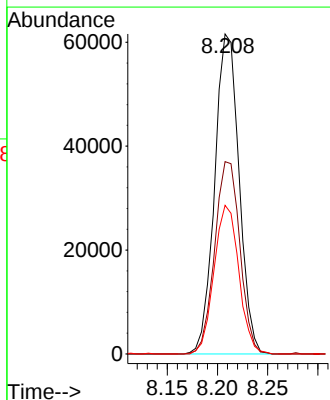
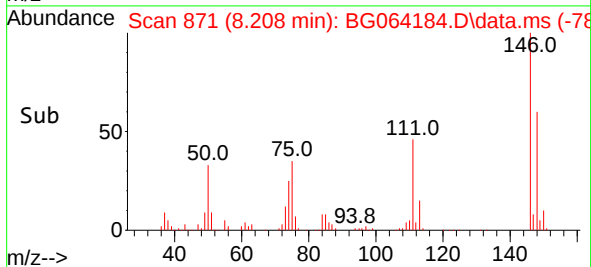
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

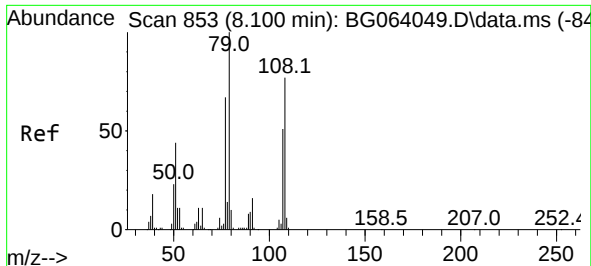


#14
1,2-Dichlorobenzene
Concen: 50.044 ng
RT: 8.208 min Scan# 871
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44



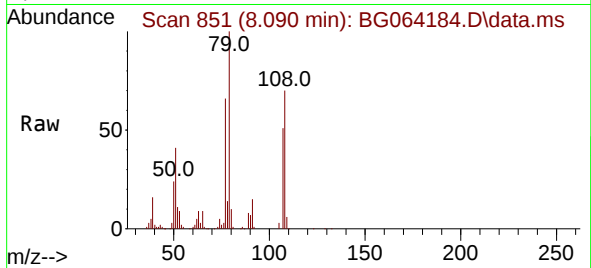
Tgt Ion:146 Resp: 104001
Ion Ratio Lower Upper
146 100
148 60.1 50.2 75.2
111 46.4 36.4 54.6





#15
Benzyl Alcohol
Concen: 62.239 ng
RT: 8.090 min Scan# 851
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

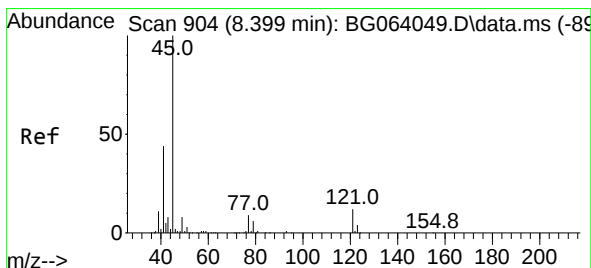
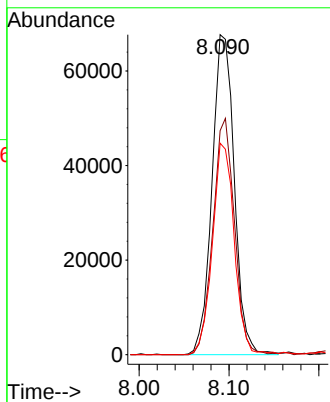
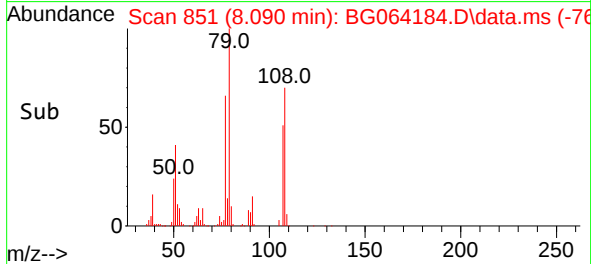
Instrument :
BNA_G
ClientSampleId :
TP-4MS



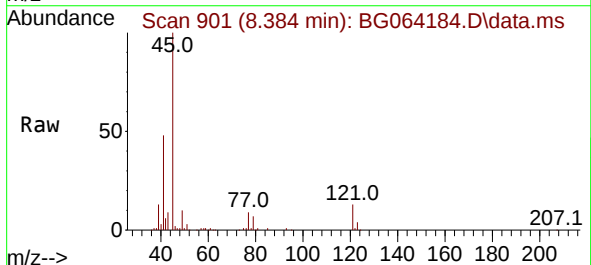
Tgt Ion: 79 Resp: 116644
Ion Ratio Lower Upper
79 100
108 70.0 61.7 92.5
77 66.1 53.9 80.9

Manual Integrations
APPROVED

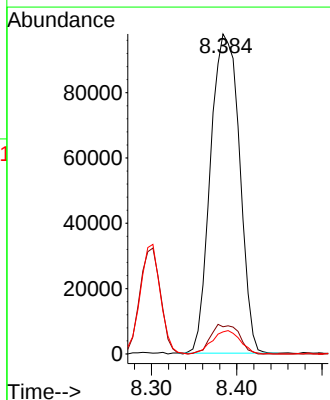
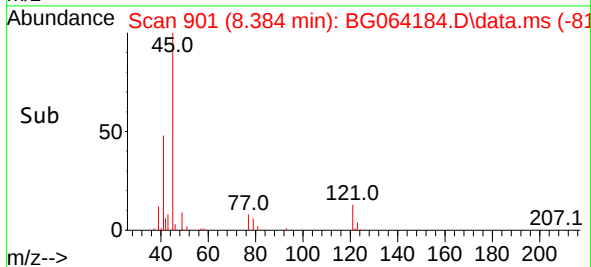
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

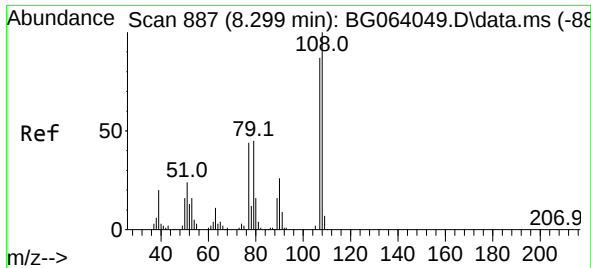


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.778 ng
RT: 8.384 min Scan# 901
Delta R.T. -0.016 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44



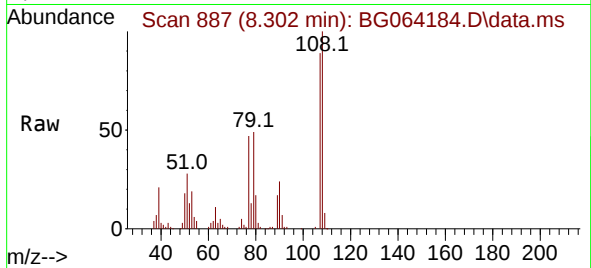
Tgt Ion: 45 Resp: 231024
Ion Ratio Lower Upper
45 100
77 8.5 0.0 29.0
79 6.9 0.0 26.6





#17
2-Methylphenol
Concen: 62.947 ng
RT: 8.302 min Scan# 887
Delta R.T. 0.002 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

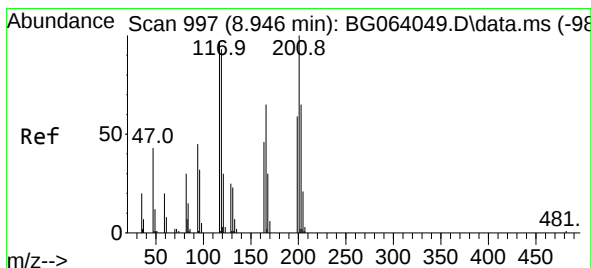
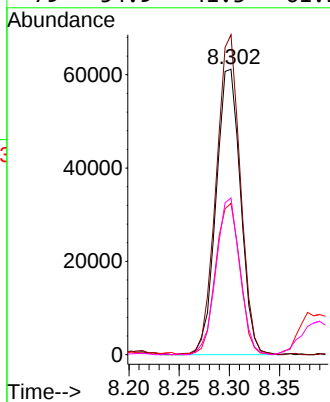
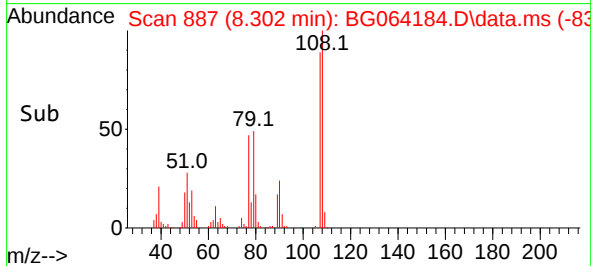
Instrument :
BNA_G
ClientSampleId :
TP-4MS



Tgt Ion:	107	Resp:	103730
Ion Ratio	Lower	Upper	
107	100		
108	112.1	92.5	138.7
77	53.0	40.5	60.7
79	54.9	41.3	61.9

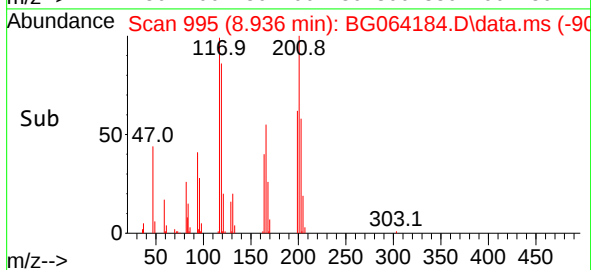
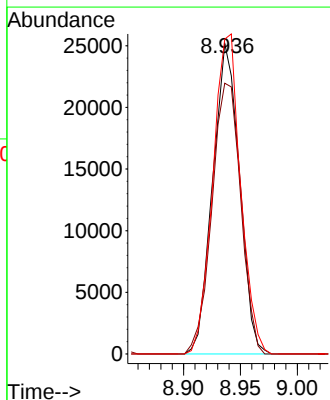
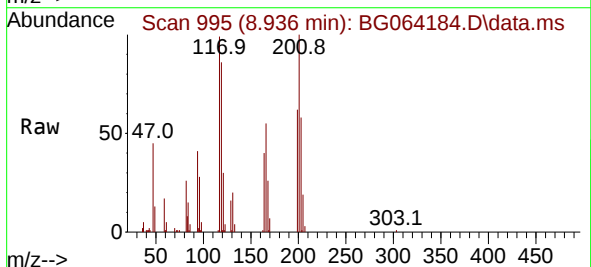
Manual Integrations
APPROVED

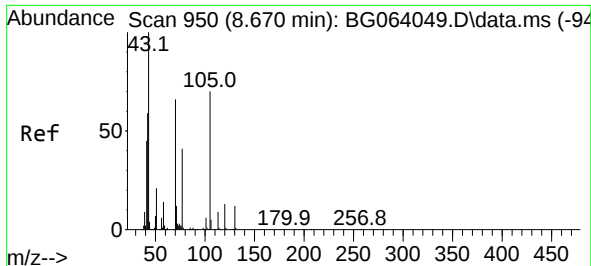
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#18
Hexachloroethane
Concen: 54.752 ng
RT: 8.936 min Scan# 995
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

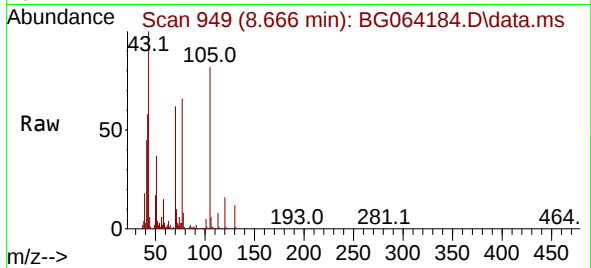
Tgt Ion:	117	Resp:	41285
Ion Ratio	Lower	Upper	
117	100		
119	87.3	76.2	114.2
201	101.5	81.5	122.3





#19
n-Nitroso-di-n-propylamine
Concen: 58.490 ng
RT: 8.666 min Scan# 949
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

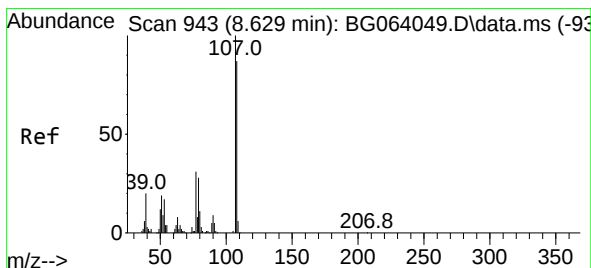
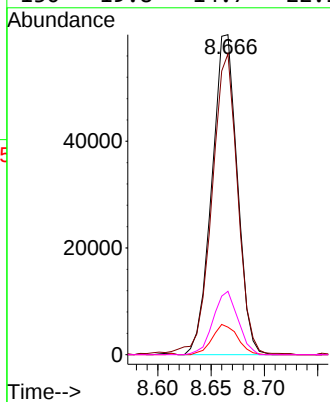
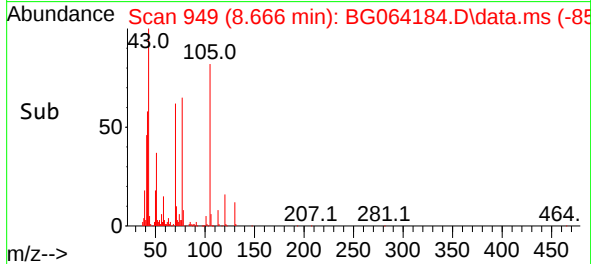
Instrument :
BNA_G
ClientSampleId :
TP-4MS



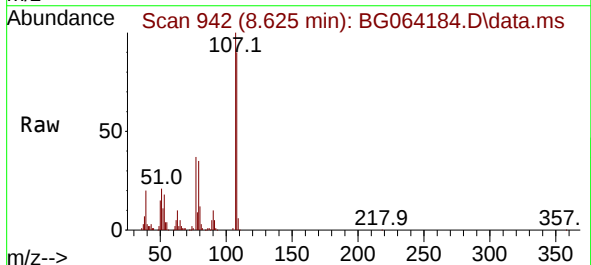
Tgt Ion: 70 Resp: 9955
Ion Ratio Lower Upper
70 100
42 94.0 72.1 108.1
101 8.6 7.2 10.8
130 19.8 14.7 22.1

Manual Integrations
APPROVED

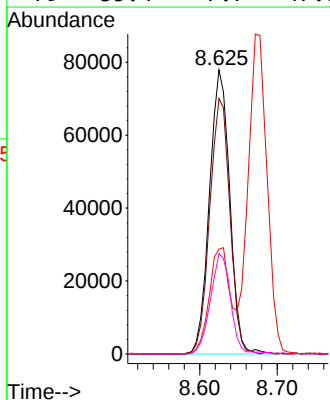
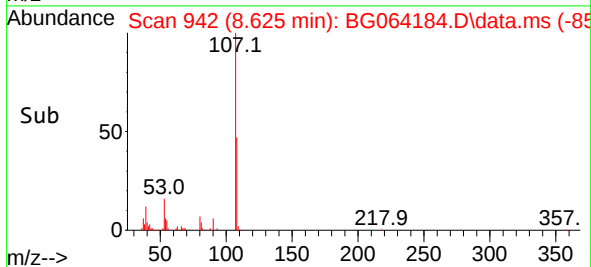
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

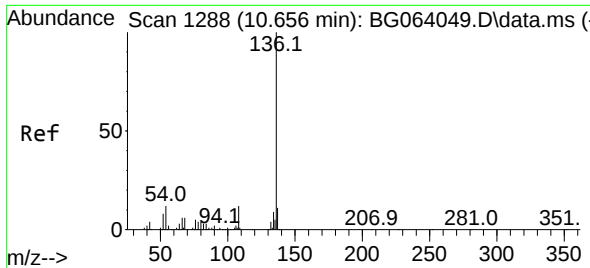


#20
3+4-Methylphenols
Concen: 62.170 ng
RT: 8.625 min Scan# 942
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44



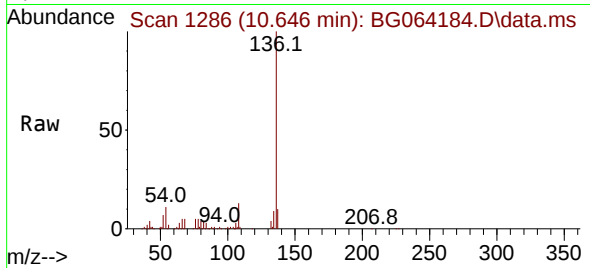
Tgt Ion:107 Resp: 141052
Ion Ratio Lower Upper
107 100
108 89.9 67.0 107.0
77 37.0 11.2 51.2
79 35.4 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1288
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

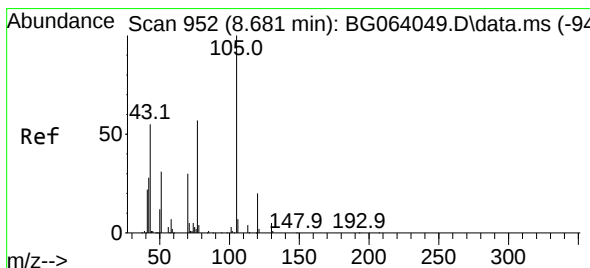
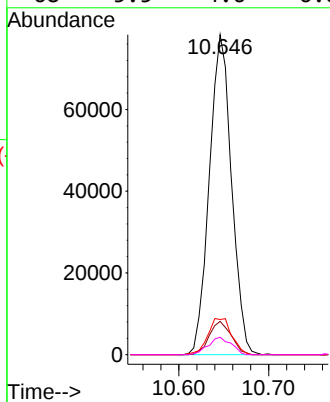
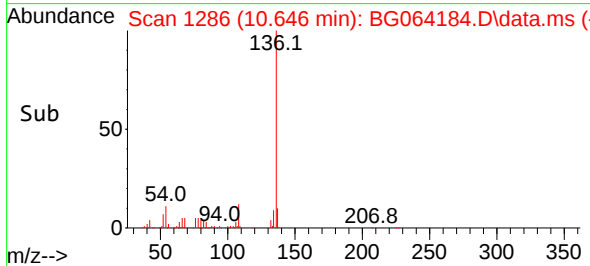
Instrument :
BNA_G
ClientSampleId :
TP-4MS



Tgt Ion:136 Resp: 134439
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 11.0 9.9 14.9
68 5.5 4.6 6.8

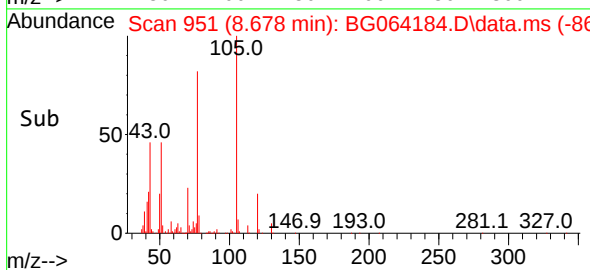
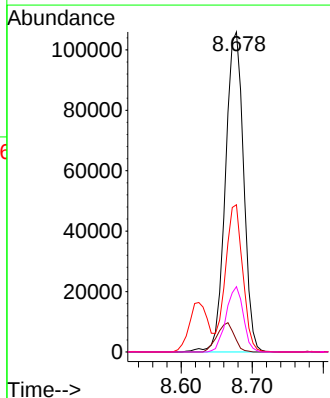
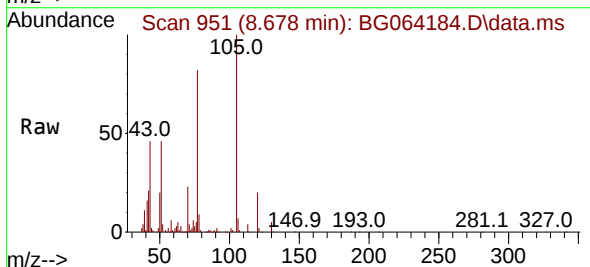
Manual Integrations
APPROVED

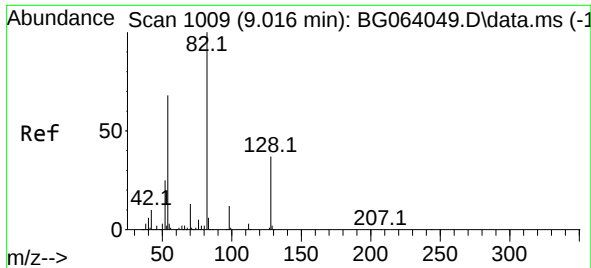
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#22
Acetophenone
Concen: 50.911 ng
RT: 8.678 min Scan# 951
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

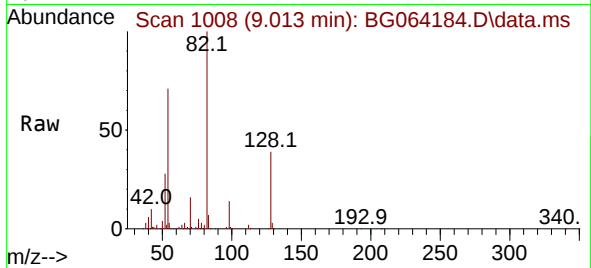
Tgt Ion:105 Resp: 187659
Ion Ratio Lower Upper
105 100
71 3.7 4.2 6.4#
51 46.0 33.3 49.9
120 20.4 15.9 23.9





#23
Nitrobenzene-d5
Concen: 110.720 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

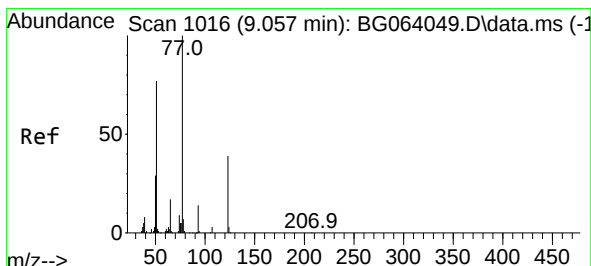
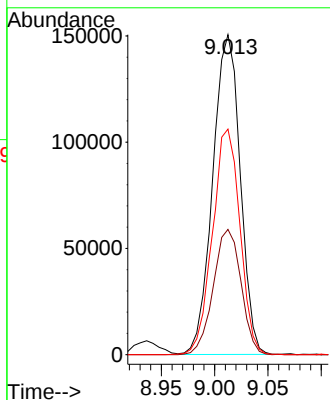
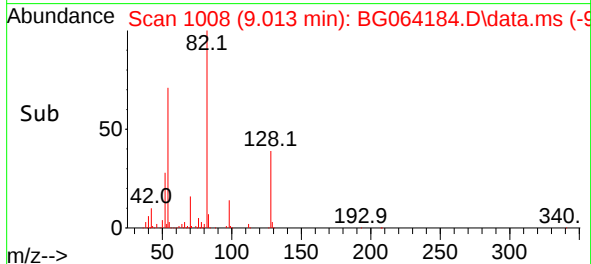
Instrument :
BNA_G
ClientSampleId :
TP-4MS



Tgt Ion: 82 Resp: 26935
Ion Ratio Lower Upper
82 100
128 39.2 30.0 45.0
54 70.5 54.7 82.1

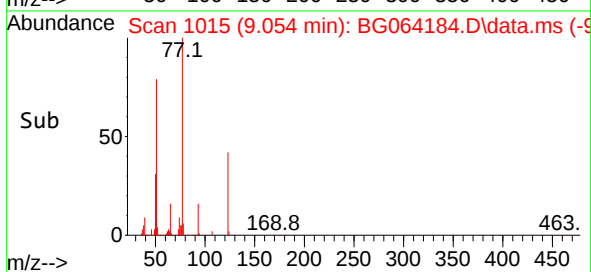
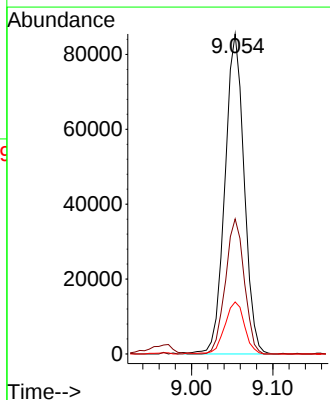
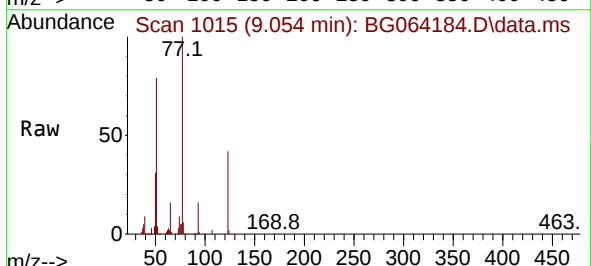
Manual Integrations
APPROVED

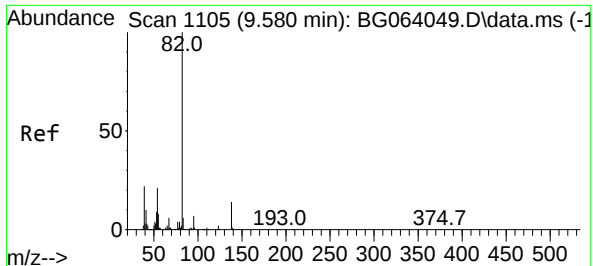
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#24
Nitrobenzene
Concen: 55.927 ng
RT: 9.054 min Scan# 1015
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

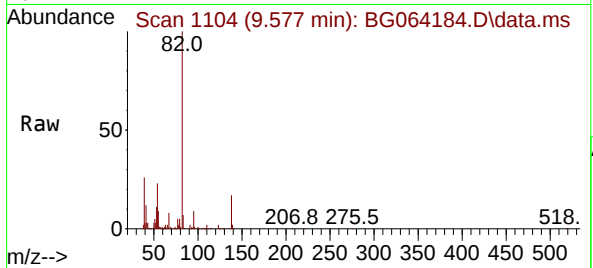
Tgt Ion: 77 Resp: 140610
Ion Ratio Lower Upper
77 100
123 42.2 31.4 47.2
65 16.3 13.4 20.0





#25
Isophorone
Concen: 58.051 ng
RT: 9.577 min Scan# 1104
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

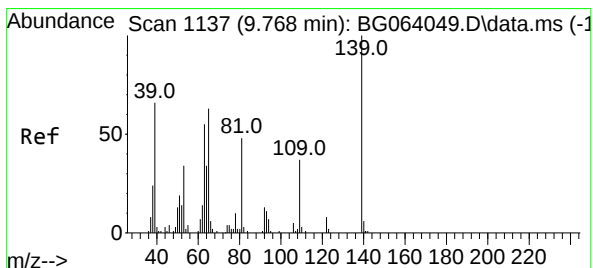
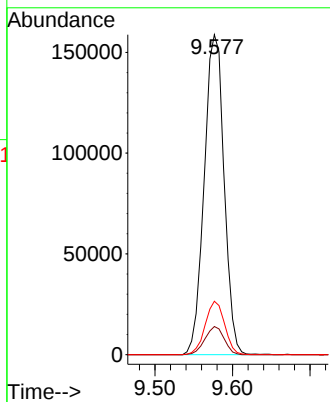
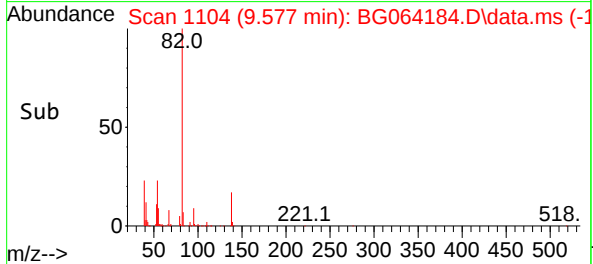
Instrument :
BNA_G
ClientSampleId :
TP-4MS



Tgt Ion: 82 Resp: 282660
Ion Ratio Lower Upper
82 100
95 8.8 5.8 8.8
138 16.7 10.9 16.3

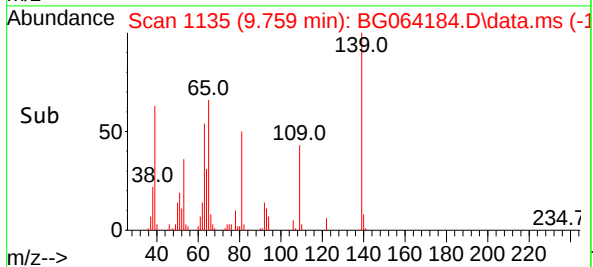
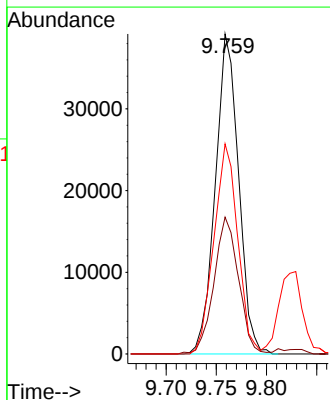
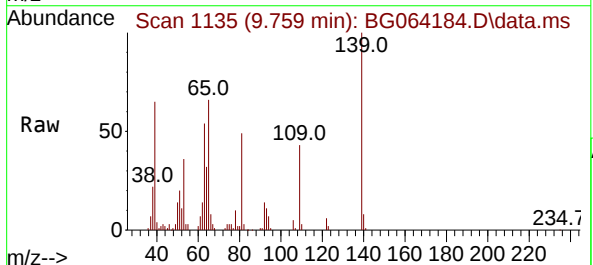
Manual Integrations
APPROVED

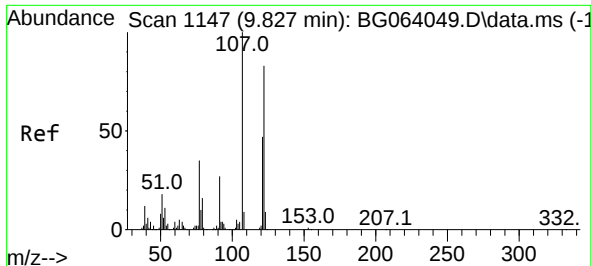
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#26
2-Nitrophenol
Concen: 66.649 ng
RT: 9.759 min Scan# 1135
Delta R.T. -0.009 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

Tgt Ion:139 Resp: 62995
Ion Ratio Lower Upper
139 100
109 42.7 29.9 44.9
65 65.7 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 86.261 ng

RT: 9.823 min Scan# 1147

Delta R.T. -0.004 min

Lab File: BG064184.D

Acq: 4 Apr 2025 2:44

Instrument :

BNA_G

ClientSampleId :

TP-4MS

Tgt Ion:122 Resp: 125918

Ion Ratio Lower Upper

122 100

107 130.2 95.4 143.0

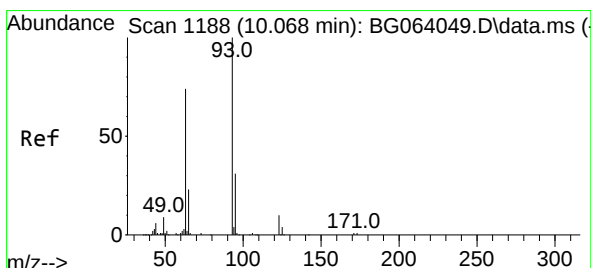
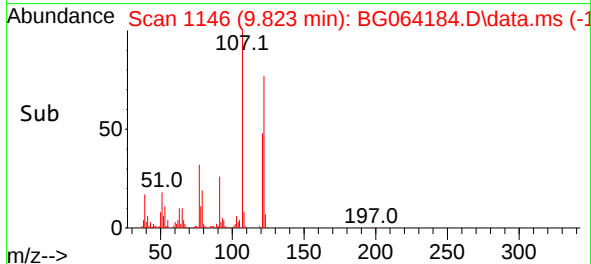
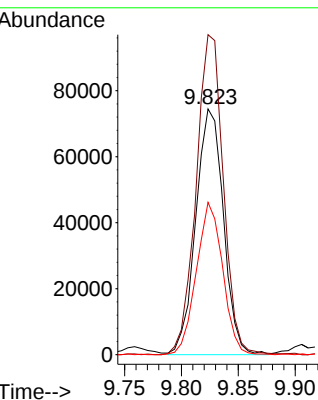
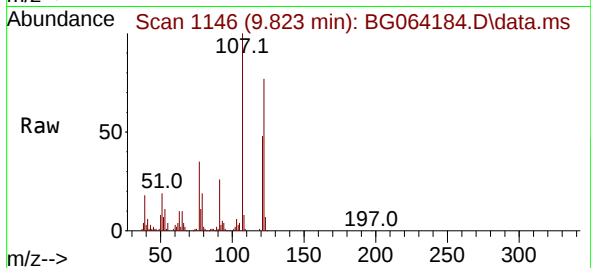
121 62.0 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 53.058 ng

RT: 10.058 min Scan# 1186

Delta R.T. -0.010 min

Lab File: BG064184.D

Acq: 4 Apr 2025 2:44

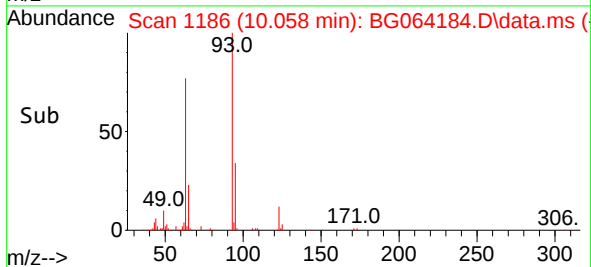
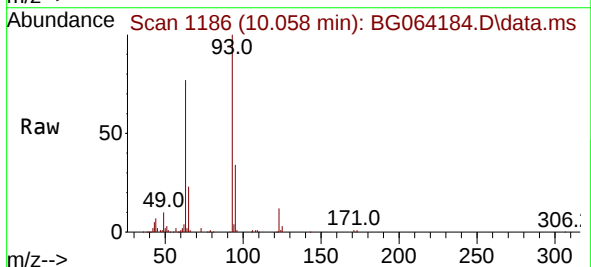
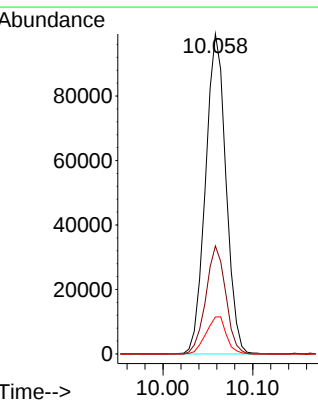
Tgt Ion: 93 Resp: 156635

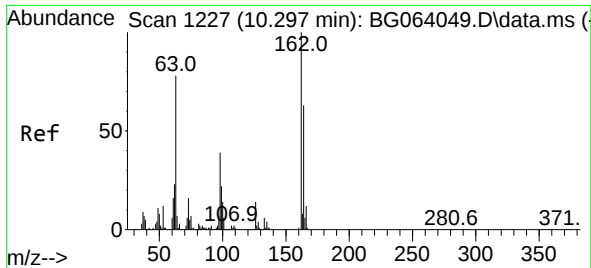
Ion Ratio Lower Upper

93 100

95 33.7 25.0 37.4

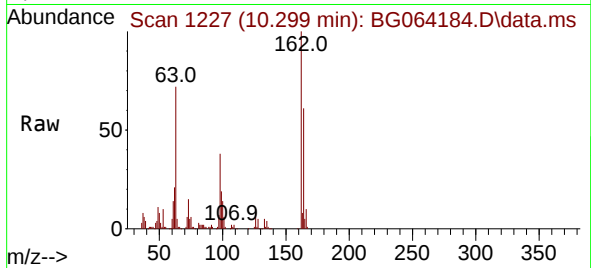
123 11.6 7.6 11.4#





#29
2,4-Dichlorophenol
Concen: 65.134 ng
RT: 10.299 min Scan# 1227
Delta R.T. 0.002 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

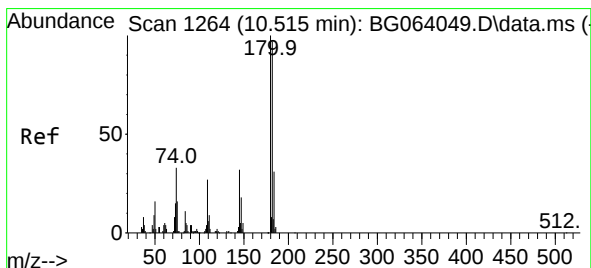
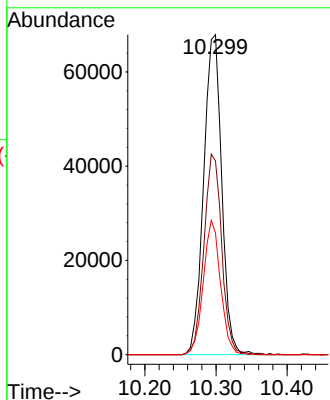
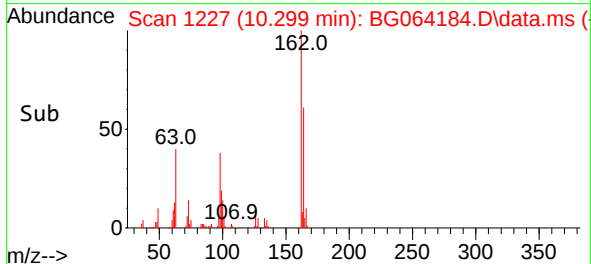
Instrument :
BNA_G
ClientSampleId :
TP-4MS



Tgt Ion:162 Resp: 120050
Ion Ratio Lower Upper
162 100
164 60.6 42.8 82.8
98 38.1 19.1 59.1

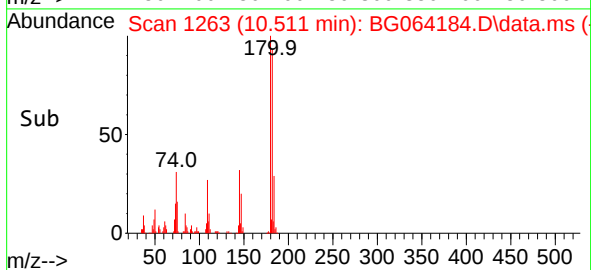
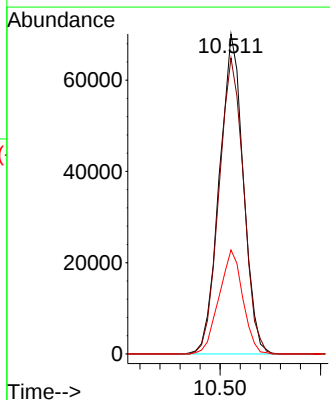
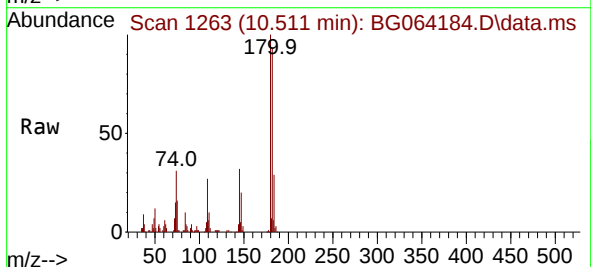
Manual Integrations
APPROVED

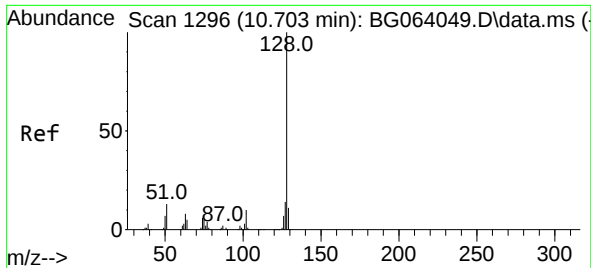
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#30
1,2,4-Trichlorobenzene
Concen: 52.047 ng
RT: 10.511 min Scan# 1263
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

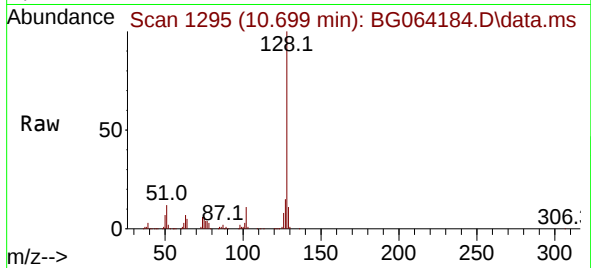
Tgt Ion:180 Resp: 115810
Ion Ratio Lower Upper
180 100
182 92.5 77.3 115.9
145 32.5 25.2 37.8





#31
Naphthalene
Concen: 50.983 ng
RT: 10.699 min Scan# 1160
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

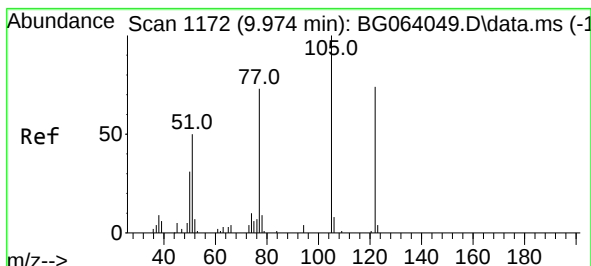
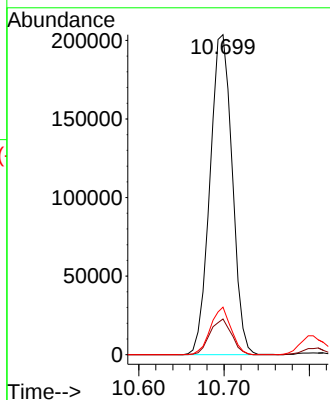
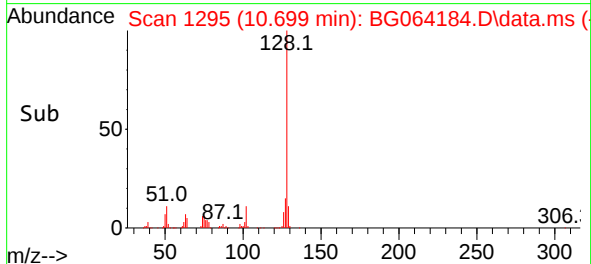
Instrument :
BNA_G
ClientSampleId :
TP-4MS



Tgt Ion:128 Resp: 36959
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 14.9 11.1 16.7

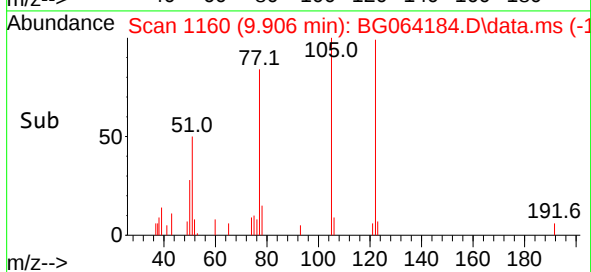
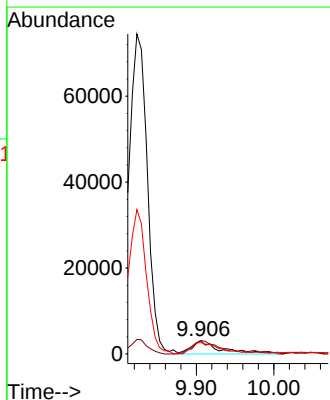
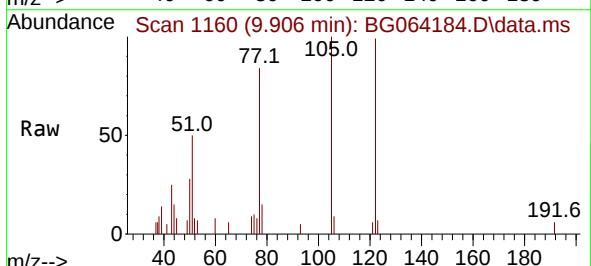
Manual Integrations
APPROVED

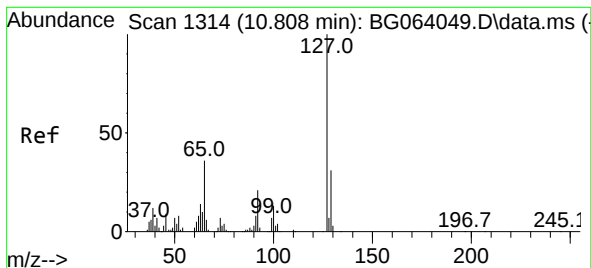
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#32
Benzoic acid
Concen: 13.361 ng
RT: 9.906 min Scan# 1160
Delta R.T. -0.068 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

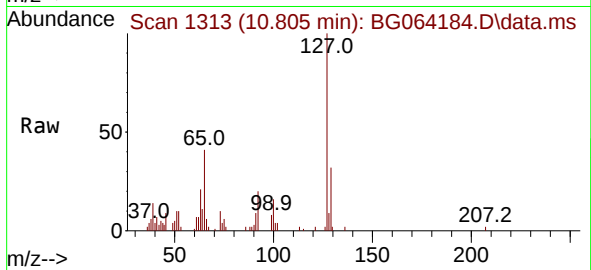
Tgt Ion:122 Resp: 7646
Ion Ratio Lower Upper
122 100
105 100.8 115.0 155.0#
77 84.6 80.9 120.9





#33
4-Chloroaniline
Concen: 10.033 ng
RT: 10.805 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

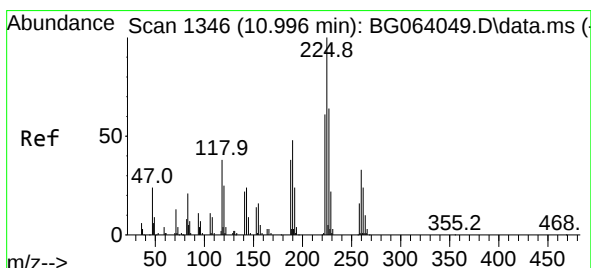
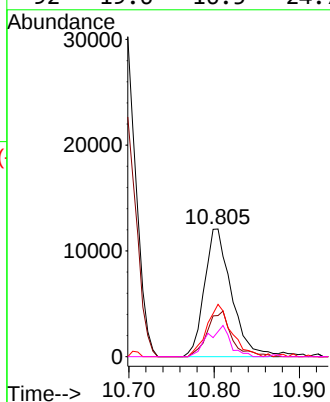
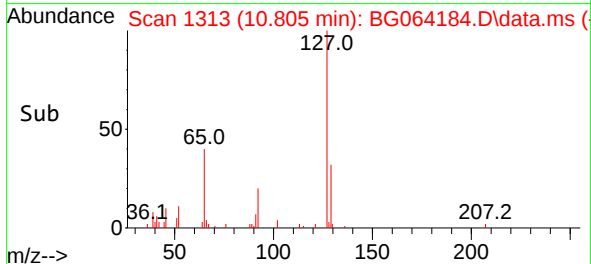
Instrument :
BNA_G
ClientSampleId :
TP-4MS



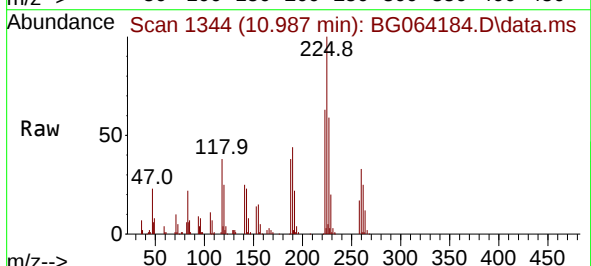
Tgt Ion:	127	Resp:	2658
Ion Ratio	Lower	Upper	
127	100		
129	33.9	25.0	37.4
65	41.0	28.5	42.7
92	19.6	16.5	24.7

Manual Integrations
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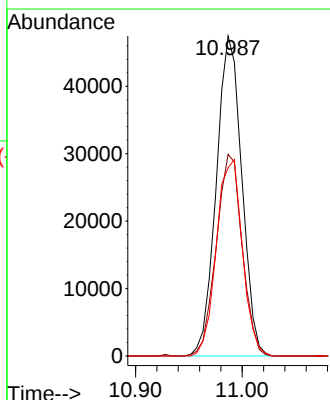
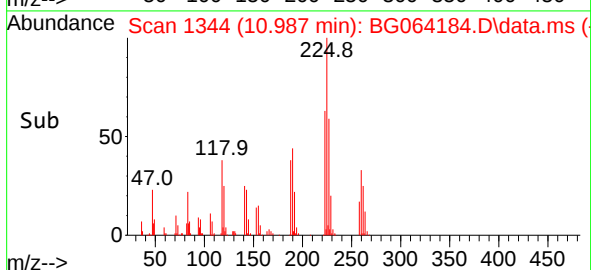
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

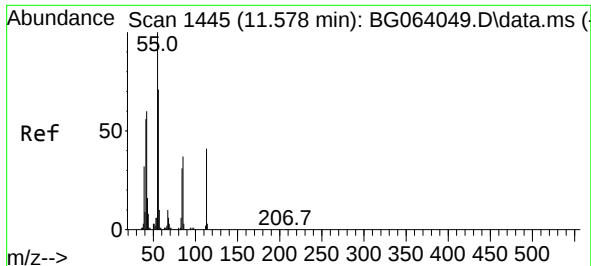


#34
Hexachlorobutadiene
Concen: 53.963 ng
RT: 10.987 min Scan# 1344
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44



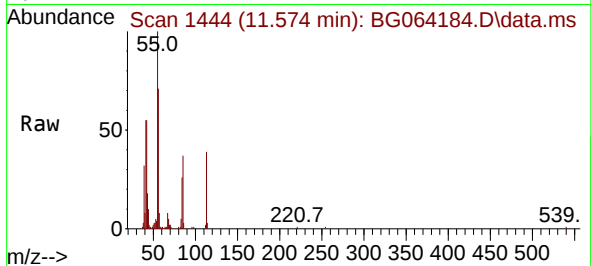
Tgt Ion:	225	Resp:	78704
Ion Ratio	Lower	Upper	
225	100		
223	63.0	48.5	72.7
227	61.9	51.0	76.6





#35
Caprolactam
Concen: 53.946 ng m
RT: 11.574 min Scan# 1444
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

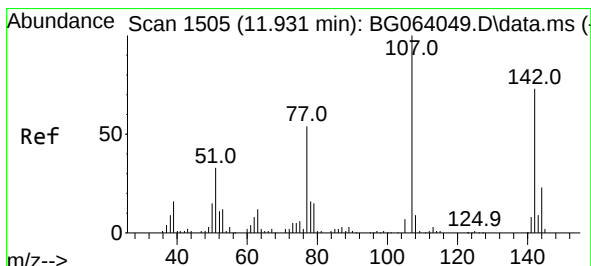
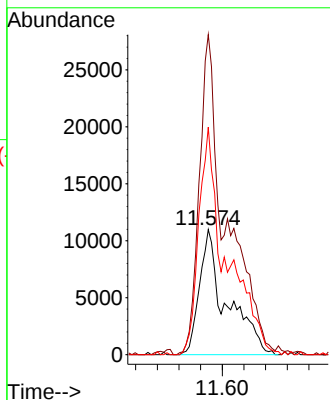
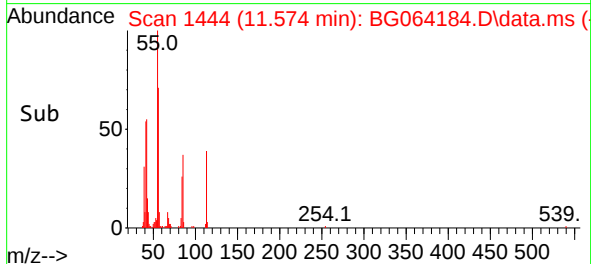
Instrument :
BNA_G
ClientSampleId :
TP-4MS



Tgt Ion:113 Resp: 3810
Ion Ratio Lower Upper
113 100
55 255.6 225.2 265.2
56 181.7 153.4 193.4

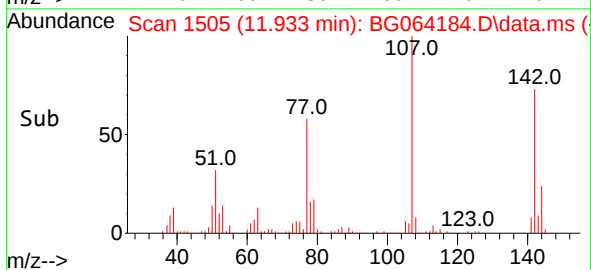
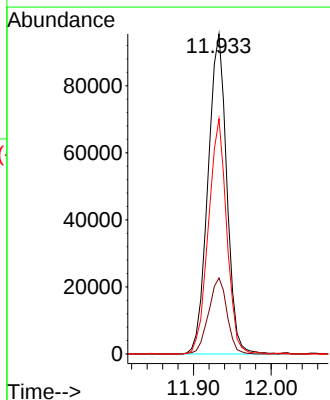
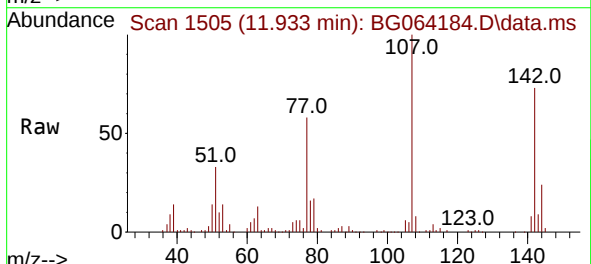
Manual Integrations
APPROVED

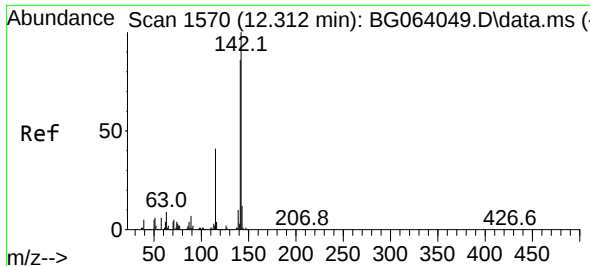
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#36
4-Chloro-3-methylphenol
Concen: 66.395 ng
RT: 11.933 min Scan# 1505
Delta R.T. 0.002 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

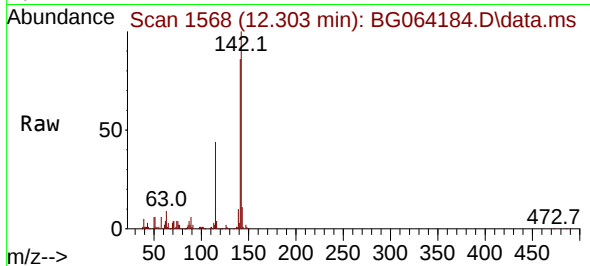
Tgt Ion:107 Resp: 160419
Ion Ratio Lower Upper
107 100
144 23.8 18.6 28.0
142 73.4 58.0 87.0





#37
2-Methylnaphthalene
Concen: 51.781 ng
RT: 12.303 min Scan# 1568
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

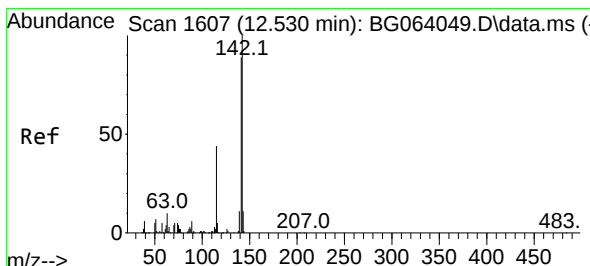
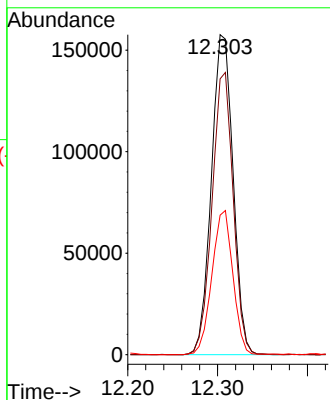
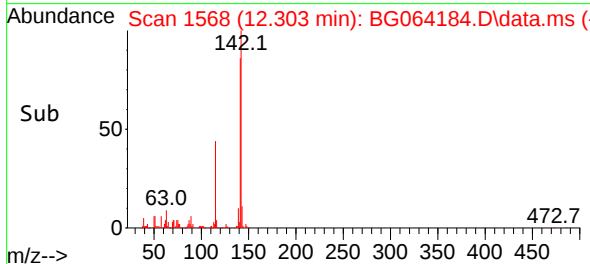
Instrument :
BNA_G
ClientSampleId :
TP-4MS



Tgt Ion:142 Resp: 265000
Ion Ratio Lower Upper
142 100
141 86.2 68.6 103.0
115 43.6 32.8 49.2

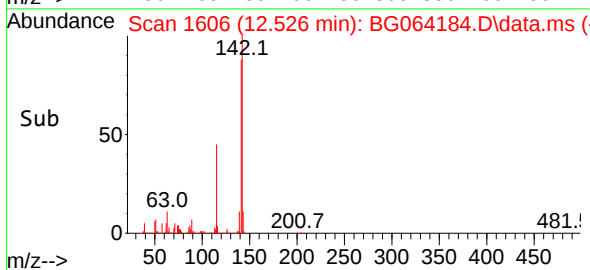
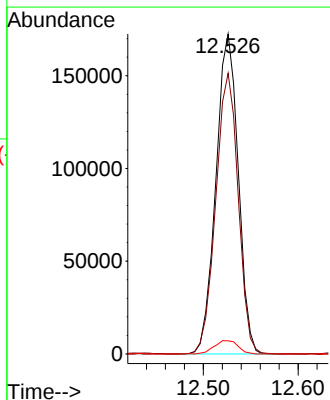
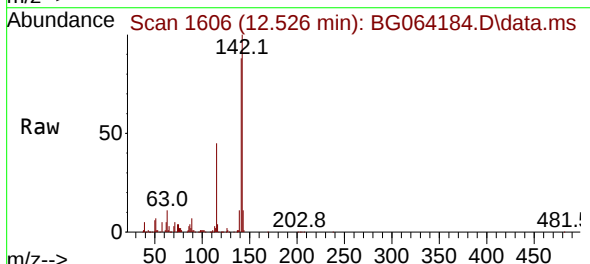
Manual Integrations
APPROVED

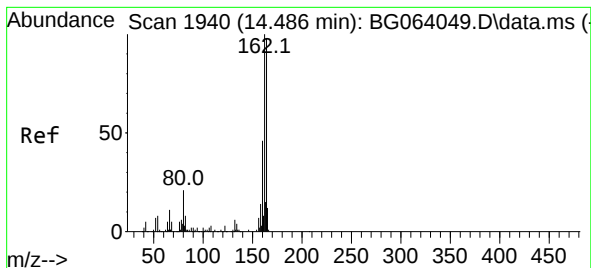
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#38
1-Methylnaphthalene
Concen: 56.260 ng
RT: 12.526 min Scan# 1606
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

Tgt Ion:142 Resp: 282083
Ion Ratio Lower Upper
142 100
141 87.8 71.2 106.8
116 4.1 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: BG064184.D

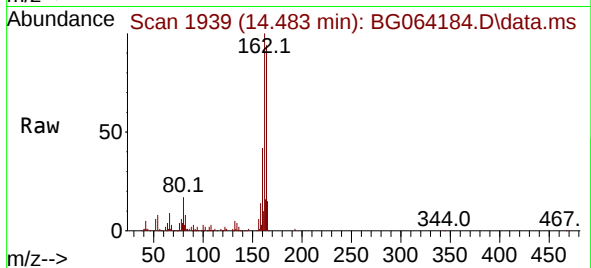
Acq: 4 Apr 2025 2:44

Instrument :

BNA_G

ClientSampleId :

TP-4MS



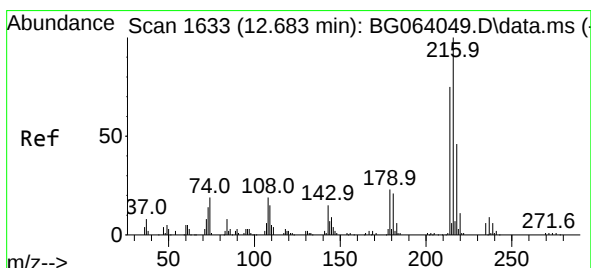
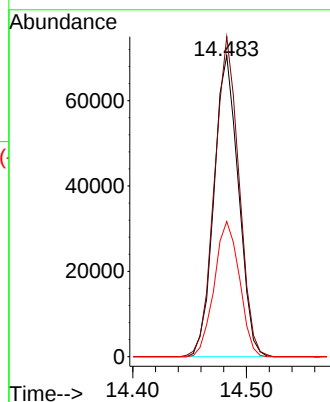
Tgt Ion:	164	Resp:	10524
Ion Ratio	Lower	Upper	
164	100		
162	106.2	81.4	122.0
160	44.9	37.0	55.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.774 ng

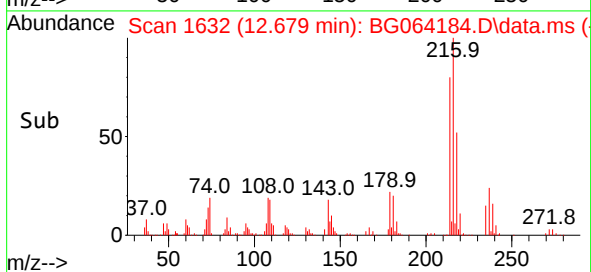
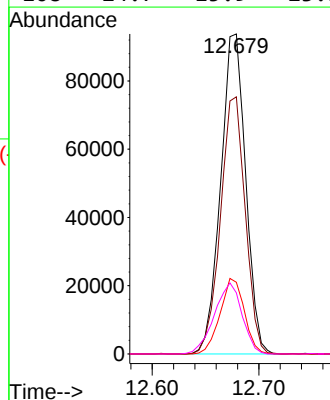
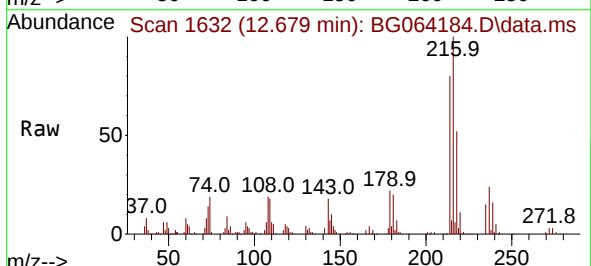
RT: 12.679 min Scan# 1632

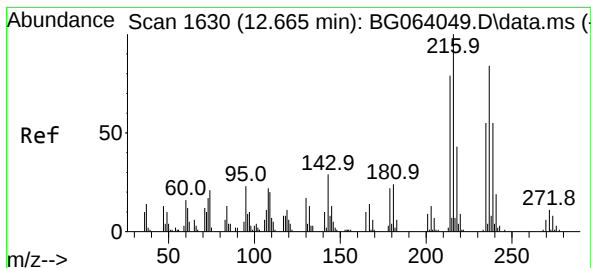
Delta R.T. -0.004 min

Lab File: BG064184.D

Acq: 4 Apr 2025 2:44

Tgt Ion:	216	Resp:	152559
Ion Ratio	Lower	Upper	
216	100		
214	79.6	61.7	92.5
179	22.9	17.9	26.9
108	24.7	15.9	23.9





#41

Hexachlorocyclopentadiene

Concen: 247.988 ng

RT: 12.661 min Scan# 1629

Delta R.T. -0.004 min

Lab File: BG064184.D

Acq: 4 Apr 2025 2:44

Instrument :

BNA_G

ClientSampleId :

TP-4MS

Tgt Ion:237 Resp: 209714

Ion Ratio Lower Upper

237 100

235 63.5 46.0 86.0

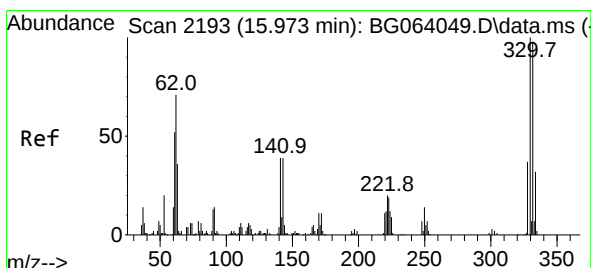
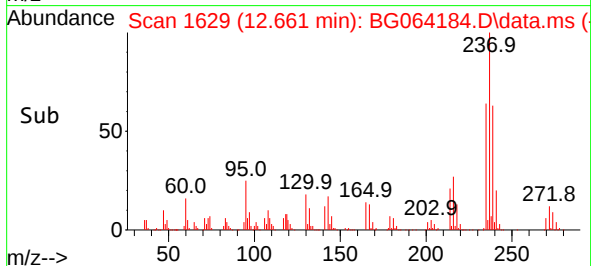
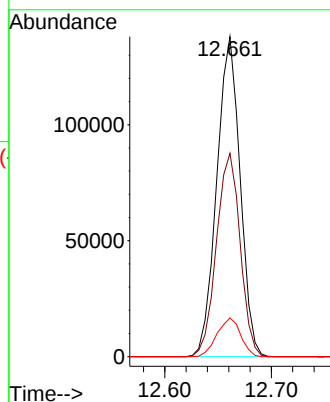
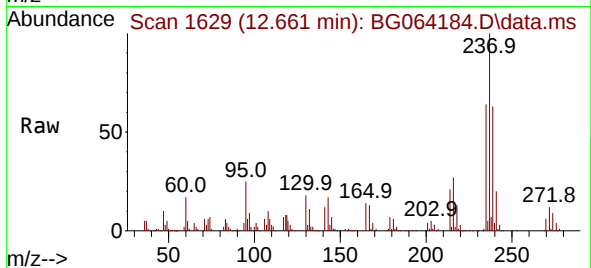
272 12.1 0.0 32.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#42

2,4,6-Tribromophenol

Concen: 185.366 ng

RT: 15.969 min Scan# 2192

Delta R.T. -0.004 min

Lab File: BG064184.D

Acq: 4 Apr 2025 2:44

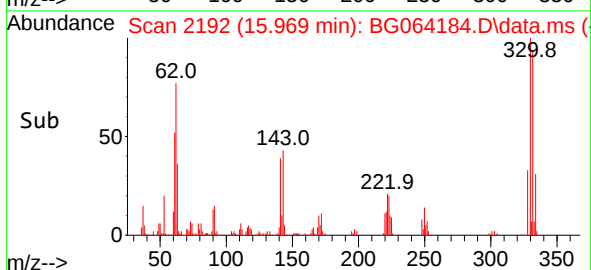
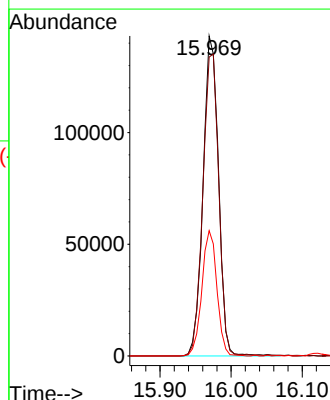
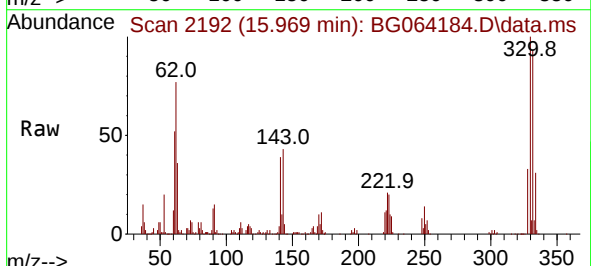
Tgt Ion:330 Resp: 216853

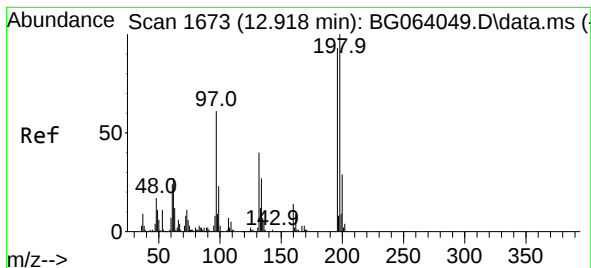
Ion Ratio Lower Upper

330 100

332 97.3 76.7 115.1

141 38.1 29.7 44.5





#43

2,4,6-Trichlorophenol

Concen: 64.748 ng

RT: 12.914 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG064184.D

Acq: 4 Apr 2025 2:44

Instrument :

BNA_G

ClientSampleId :

TP-4MS

Tgt Ion:196 Resp: 114658

Ion Ratio Lower Upper

196 100

198 101.6 85.6 128.4

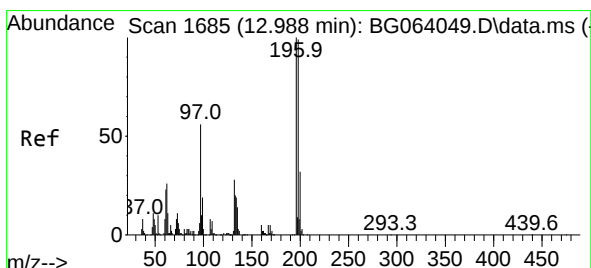
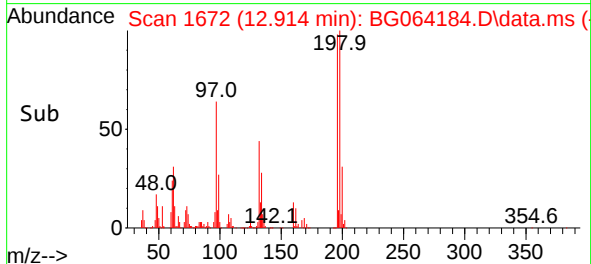
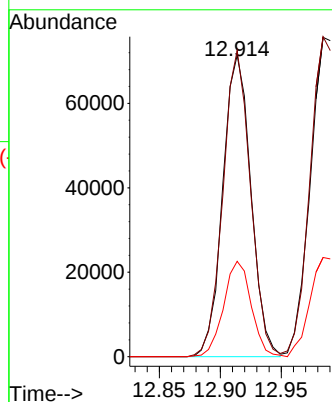
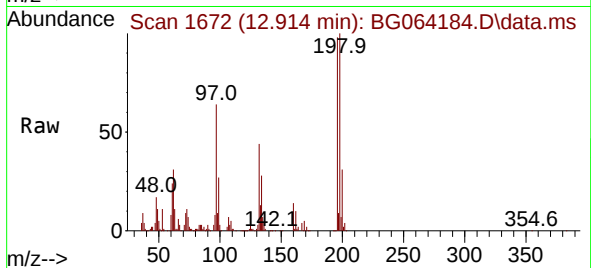
200 31.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#44

2,4,5-Trichlorophenol

Concen: 63.772 ng

RT: 12.984 min Scan# 1684

Delta R.T. -0.004 min

Lab File: BG064184.D

Acq: 4 Apr 2025 2:44

Tgt Ion:196 Resp: 125481

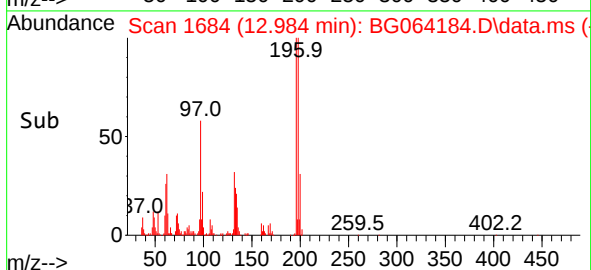
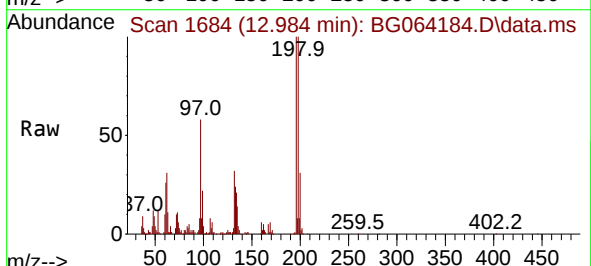
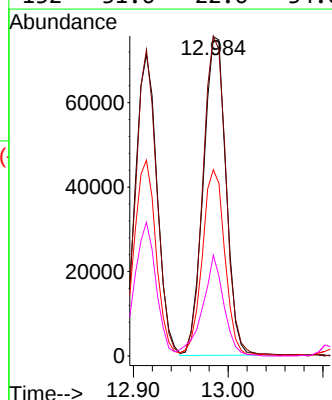
Ion Ratio Lower Upper

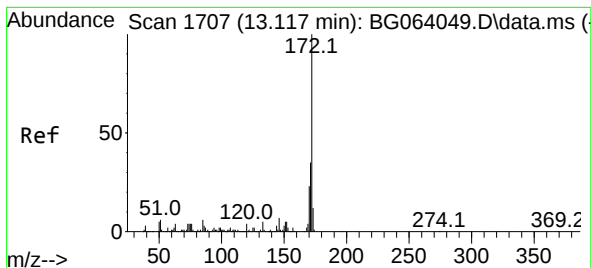
196 100

198 100.2 79.5 119.3

97 58.4 45.2 67.8

132 31.6 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 98.662 ng

RT: 13.108 min Scan# 1705

Delta R.T. -0.010 min

Lab File: BG064184.D

Acq: 4 Apr 2025 2:44

Instrument :

BNA_G

ClientSampleId :

TP-4MS

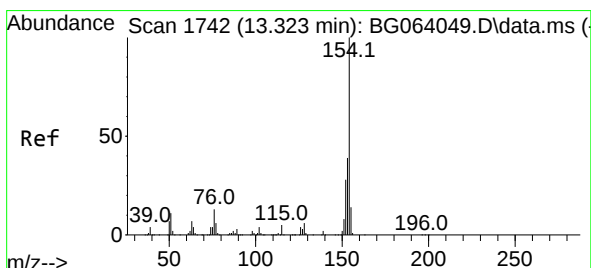
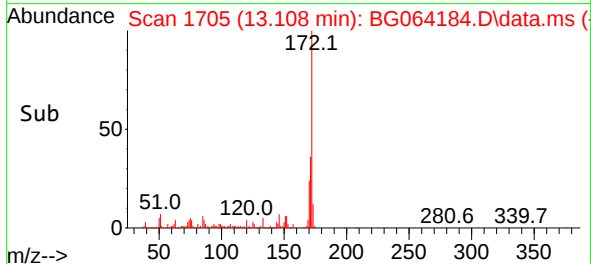
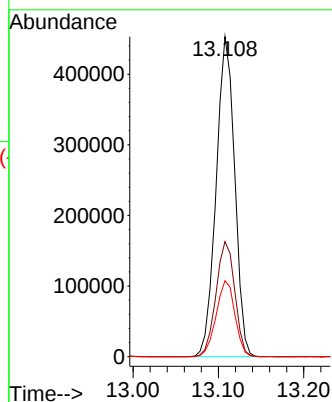
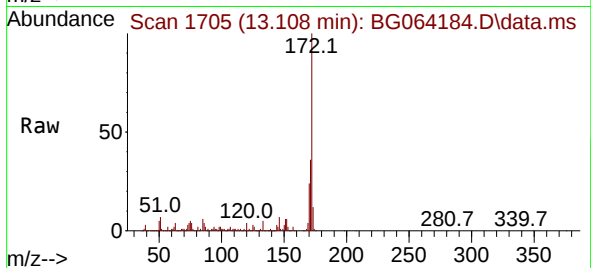
Tgt Ion:172 Resp: 684083
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.0 42.0
 170 23.7 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#46

1,1'-Biphenyl

Concen: 53.597 ng

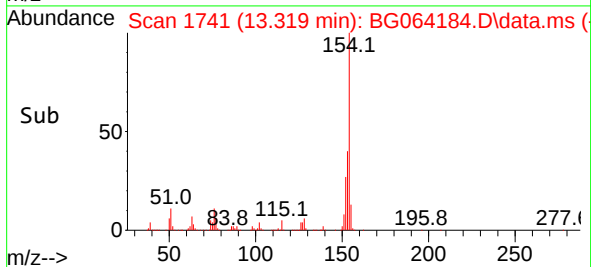
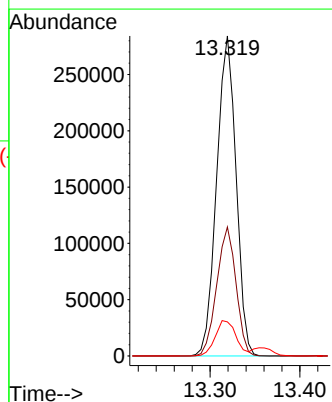
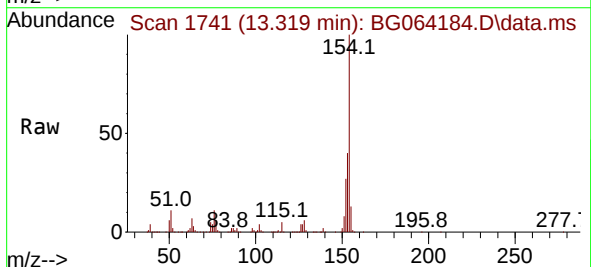
RT: 13.319 min Scan# 1741

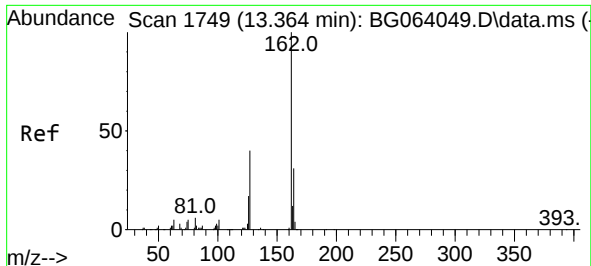
Delta R.T. -0.004 min

Lab File: BG064184.D

Acq: 4 Apr 2025 2:44

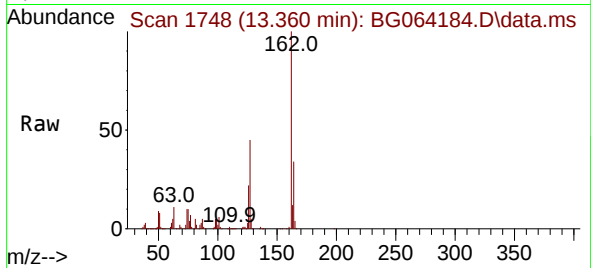
Tgt Ion:154 Resp: 426162
 Ion Ratio Lower Upper
 154 100
 153 40.3 19.5 59.5
 76 10.6 0.0 33.5





#47
2-Chloronaphthalene
Concen: 53.886 ng
RT: 13.360 min Scan# 1749
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

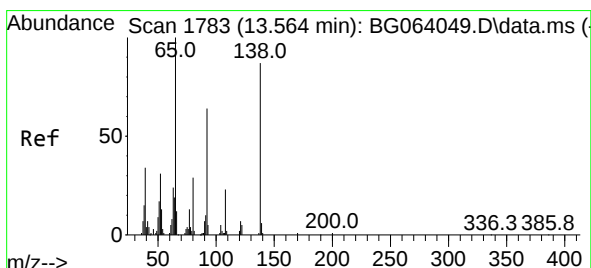
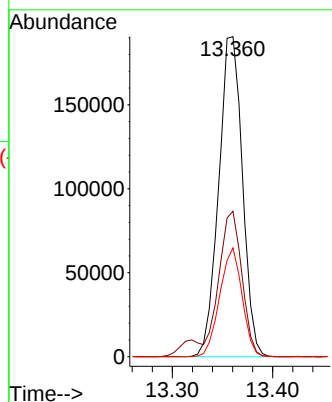
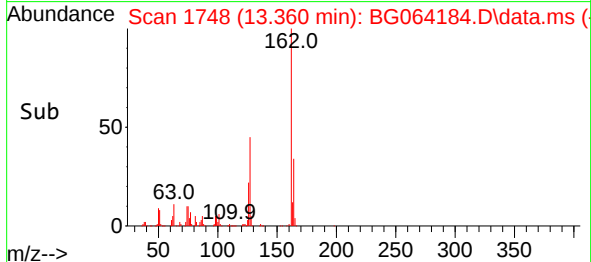
Instrument :
BNA_G
ClientSampleId :
TP-4MS



Tgt Ion:162 Resp: 312490
Ion Ratio Lower Upper
162 100
127 45.4 35.0 52.4
164 34.0 25.0 37.6

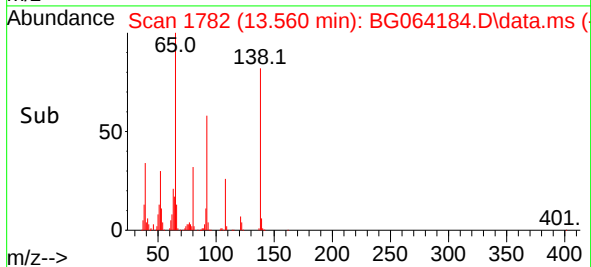
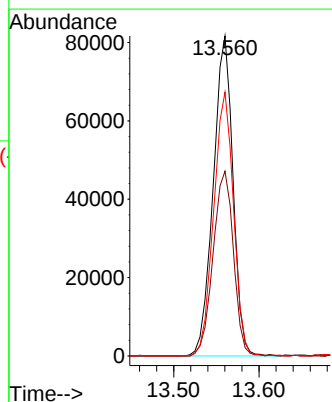
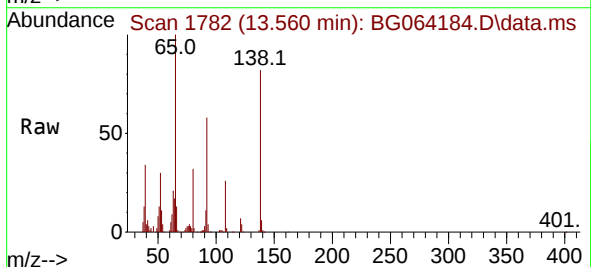
Manual Integrations
APPROVED

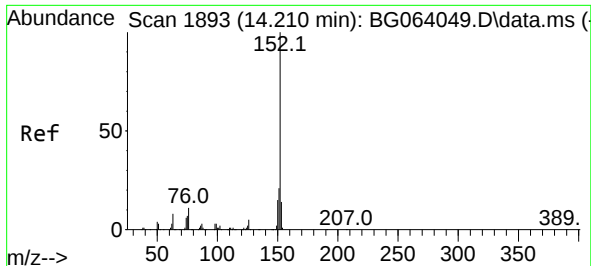
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#48
2-Nitroaniline
Concen: 63.871 ng
RT: 13.560 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

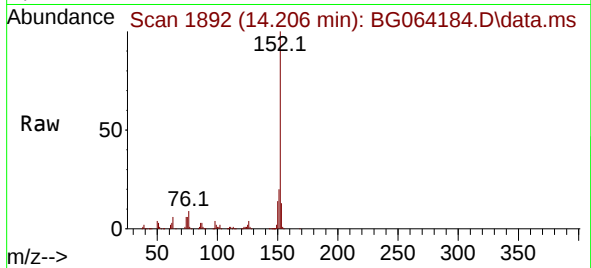
Tgt Ion: 65 Resp: 130983
Ion Ratio Lower Upper
65 100
92 57.7 51.2 76.8
138 82.4 69.4 104.2





#49
Acenaphthylene
Concen: 59.375 ng
RT: 14.206 min Scan# 1892
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

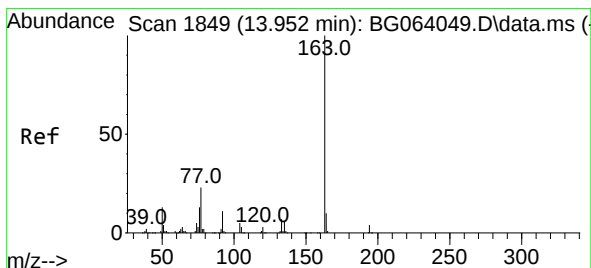
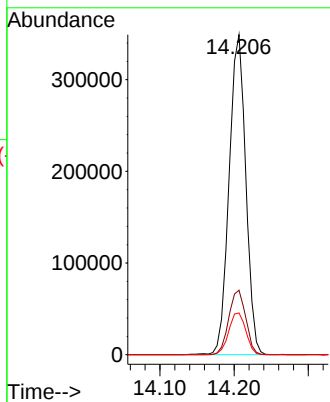
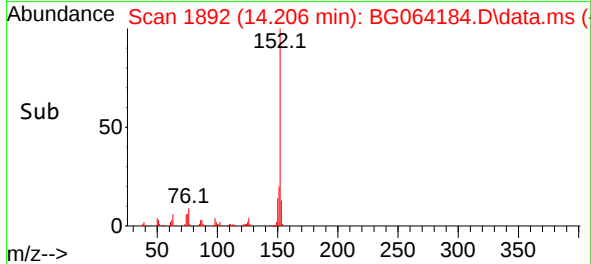
Instrument :
BNA_G
ClientSampleId :
TP-4MS



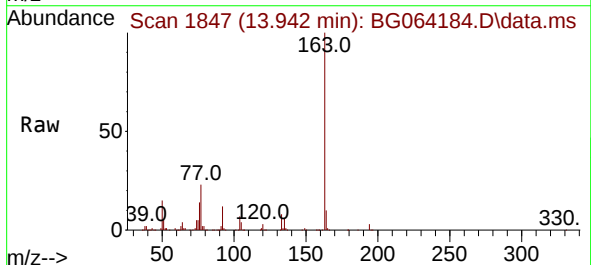
Tgt Ion:152 Resp: 54462
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.1 10.9 16.3

Manual Integrations
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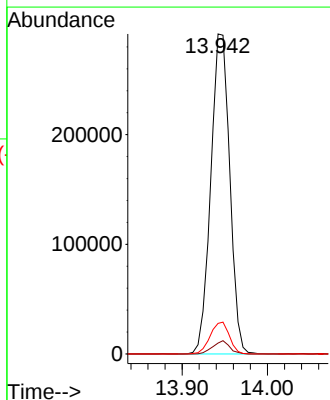
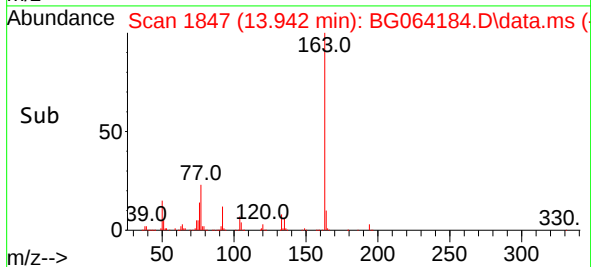
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

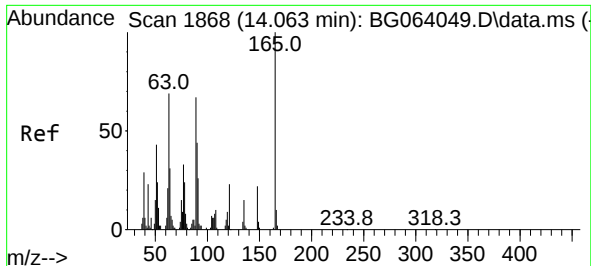


#50
Dimethylphthalate
Concen: 58.050 ng
RT: 13.942 min Scan# 1847
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44



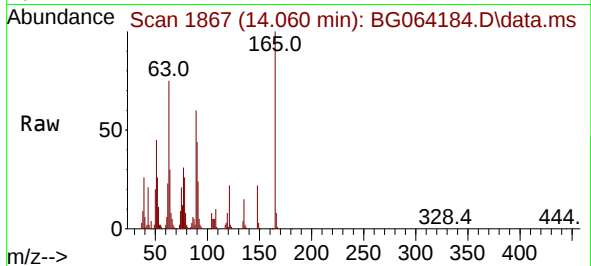
Tgt Ion:163 Resp: 450982
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 9.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 60.243 ng
RT: 14.060 min Scan# 1868
Delta R.T. -0.003 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

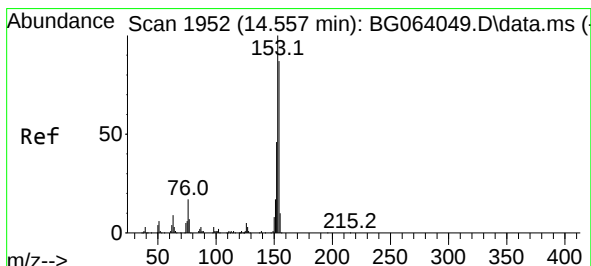
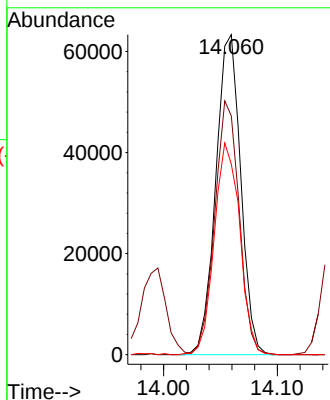
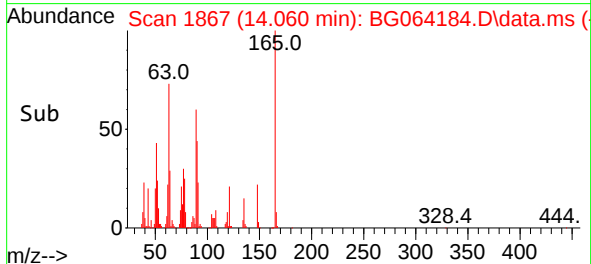
Instrument :
BNA_G
ClientSampleId :
TP-4MS



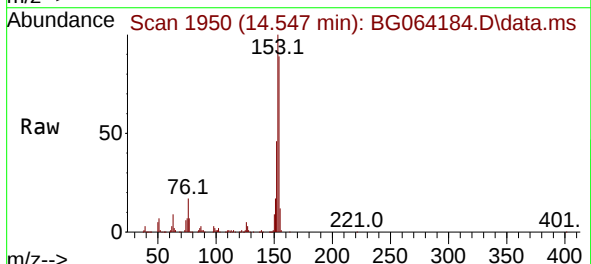
Tgt Ion:165 Resp: 96400
Ion Ratio Lower Upper
165 100
63 74.6 56.7 85.1
89 59.5 53.7 80.5

Manual Integrations
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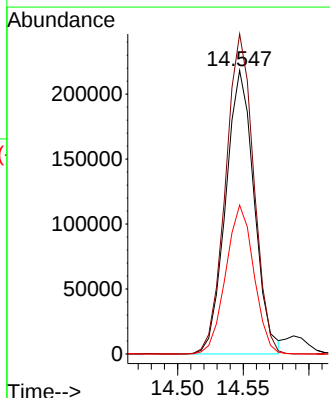
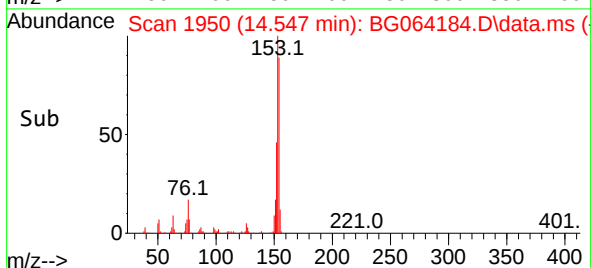
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

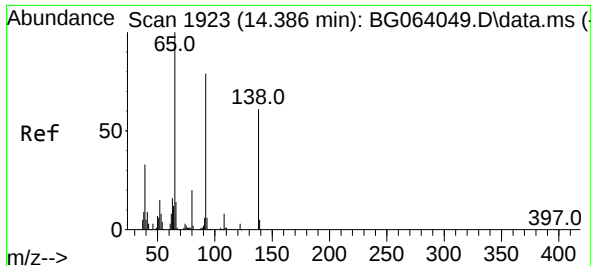


#52
Acenaphthene
Concen: 53.510 ng
RT: 14.547 min Scan# 1950
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44



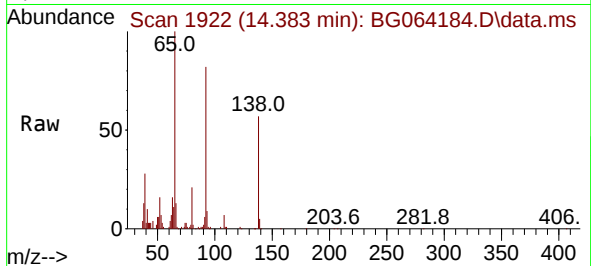
Tgt Ion:154 Resp: 329396
Ion Ratio Lower Upper
154 100
153 112.9 91.6 137.4
152 52.5 42.5 63.7





#53
3-Nitroaniline
Concen: 29.379 ng
RT: 14.383 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

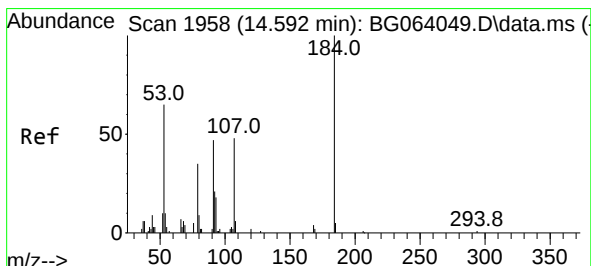
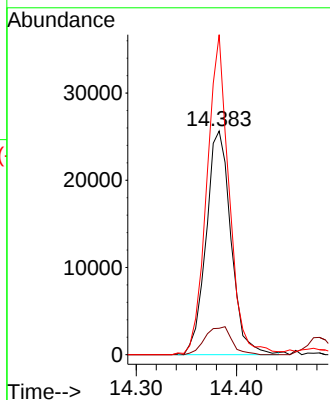
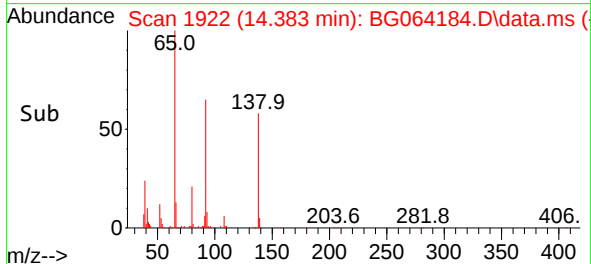
Instrument :
BNA_G
ClientSampleId :
TP-4MS



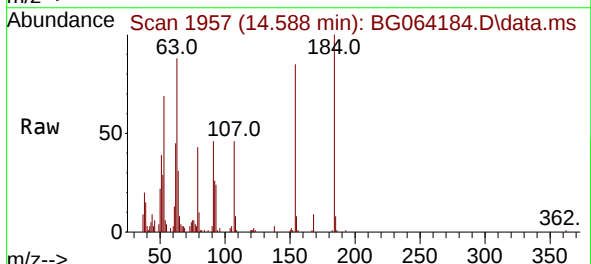
Tgt Ion:138 Resp: 4411
Ion Ratio Lower Upper
138 100
108 11.8 10.1 15.1
92 143.1 104.1 156.1

Manual Integrations
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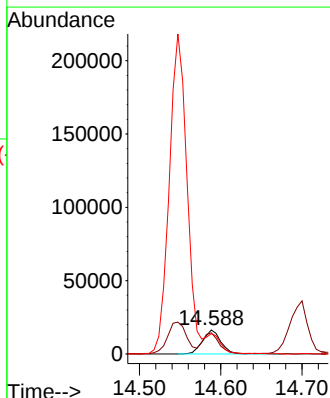
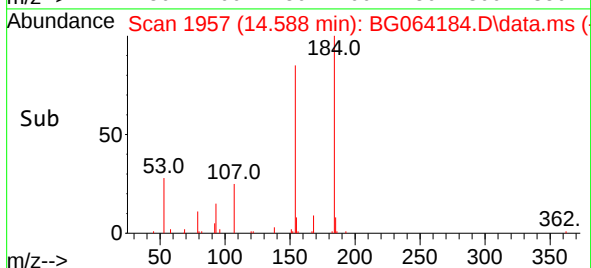
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

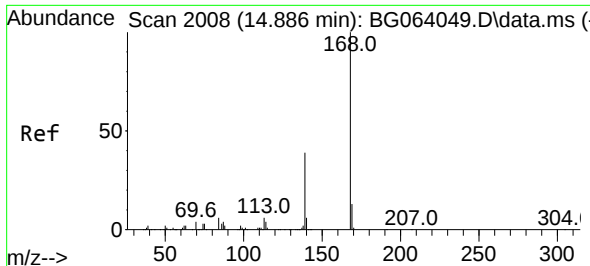


#54
2,4-Dinitrophenol
Concen: 43.061 ng
RT: 14.588 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44



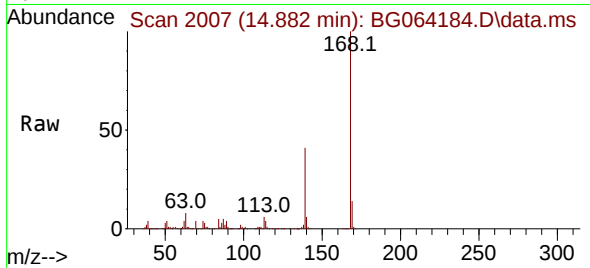
Tgt Ion:184 Resp: 25644
Ion Ratio Lower Upper
184 100
63 88.0 57.5 86.3#
154 84.7 52.3 78.5#





#55
Dibenzenofuran
Concen: 53.673 ng
RT: 14.882 min Scan# 2008
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

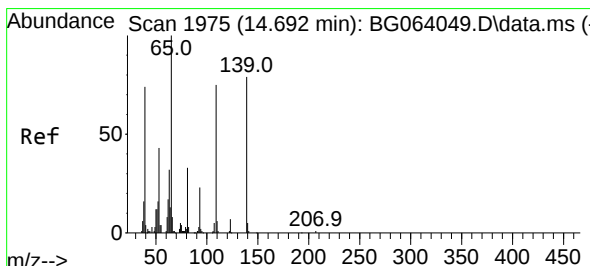
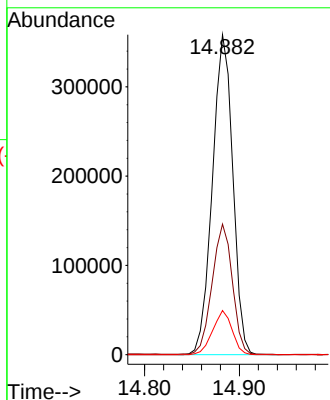
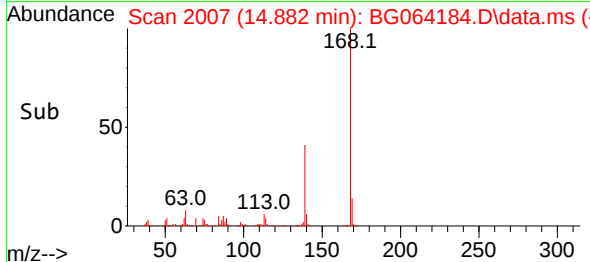
Instrument :
BNA_G
ClientSampleId :
TP-4MS



Tgt Ion:168 Resp: 535240
Ion Ratio Lower Upper
168 100
139 40.8 31.1 46.7
169 13.8 10.5 15.7

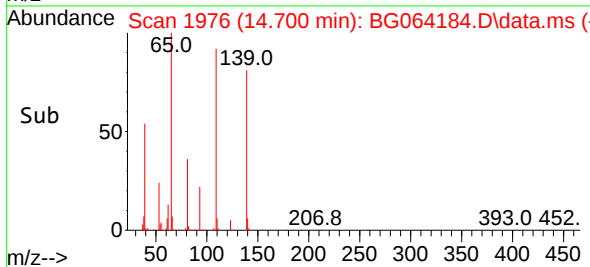
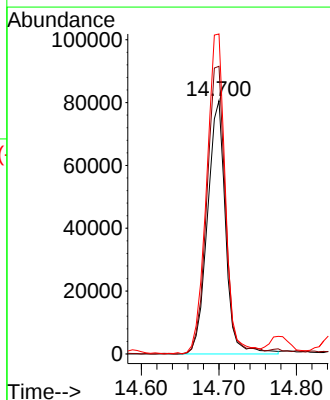
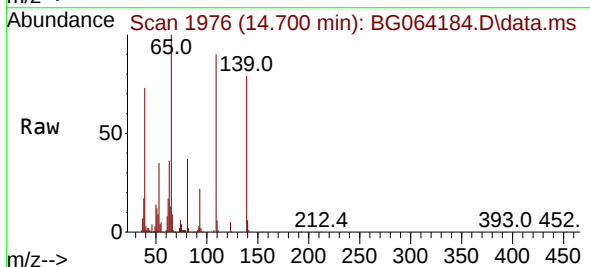
Manual Integrations
APPROVED

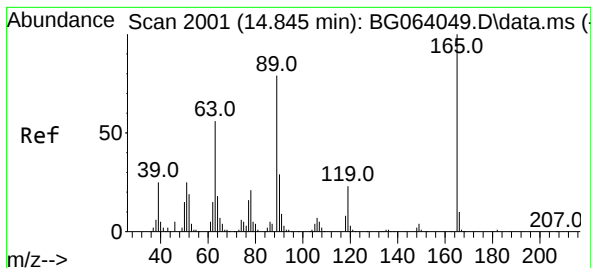
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#56
4-Nitrophenol
Concen: 104.006 ng
RT: 14.700 min Scan# 1976
Delta R.T. 0.008 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

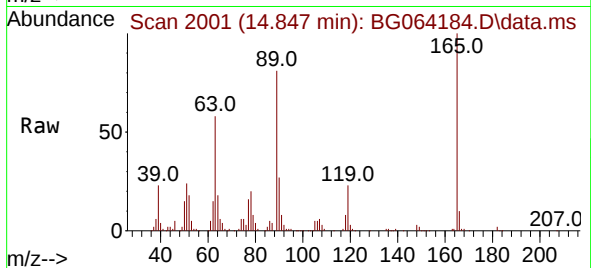
Tgt Ion:139 Resp: 130971
Ion Ratio Lower Upper
139 100
109 113.6 74.9 114.9
65 126.3 106.8 146.8





#57
2,4-Dinitrotoluene
Concen: 63.808 ng
RT: 14.847 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

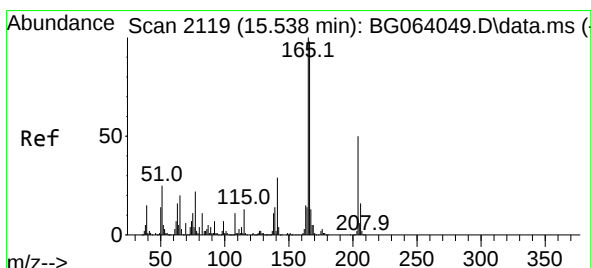
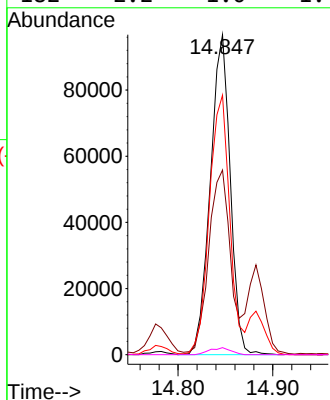
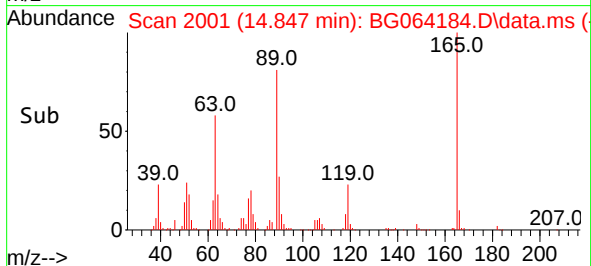
Instrument :
BNA_G
ClientSampleId :
TP-4MS



Tgt Ion:165 Resp: 141590
Ion Ratio Lower Upper
165 100
63 57.7 45.0 67.6
89 81.1 63.1 94.7
182 2.2 1.0 1.4#

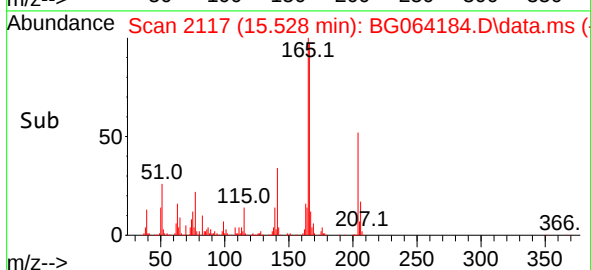
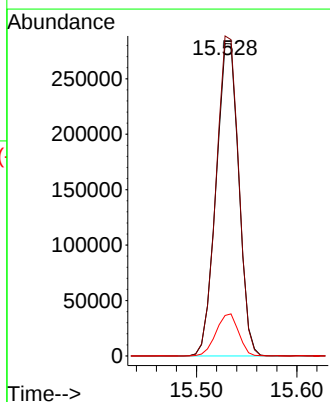
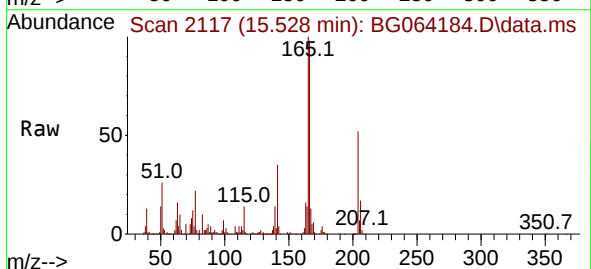
Manual Integrations
APPROVED

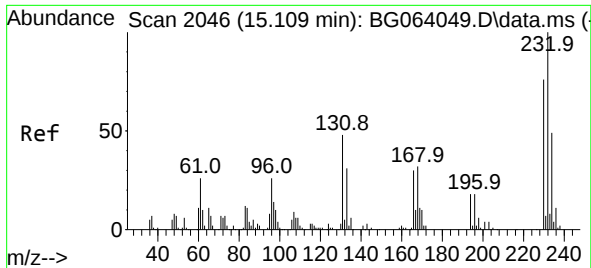
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#58
Fluorene
Concen: 56.905 ng
RT: 15.528 min Scan# 2117
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

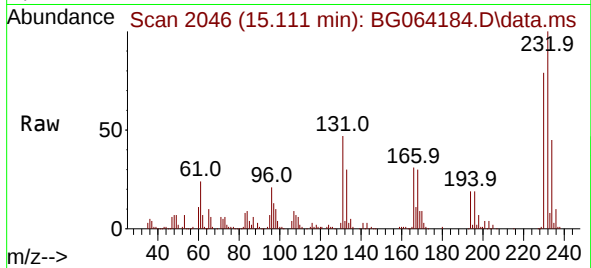
Tgt Ion:166 Resp: 441984
Ion Ratio Lower Upper
166 100
165 102.5 81.8 122.8
167 13.0 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 63.832 ng
RT: 15.111 min Scan# 2046
Delta R.T. 0.002 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

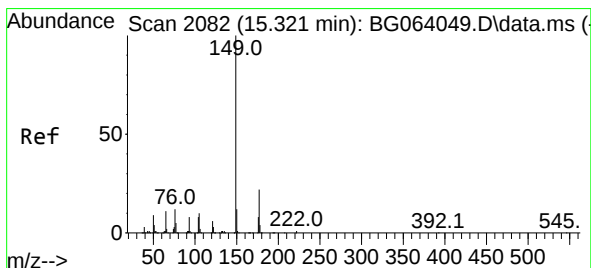
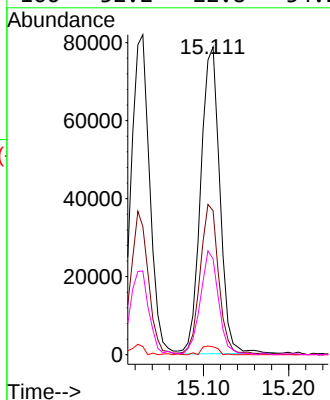
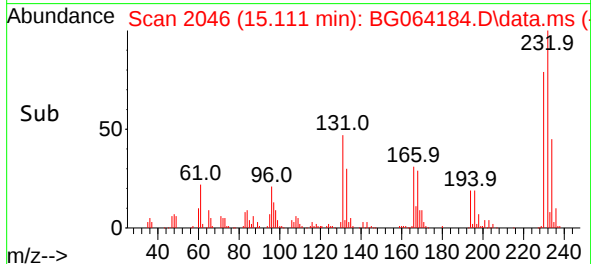
Instrument :
BNA_G
ClientSampleId :
TP-4MS



Tgt Ion:232 Resp: 122449
Ion Ratio Lower Upper
232 100
131 48.2 36.3 54.5
130 2.4 1.9 2.9
166 32.2 22.8 34.2

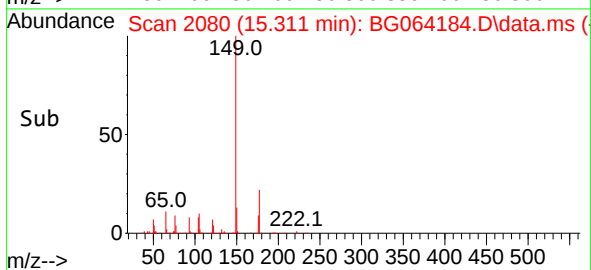
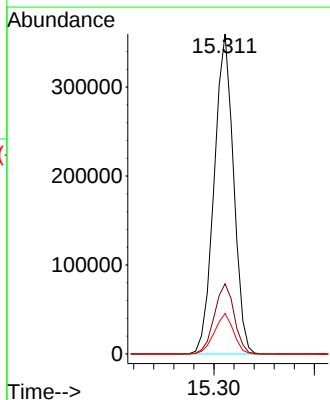
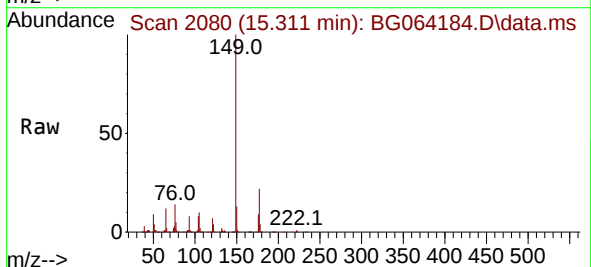
Manual Integrations
APPROVED

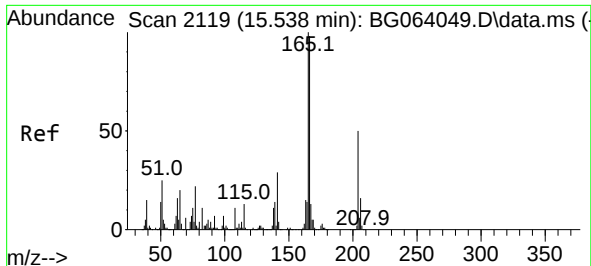
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#60
Diethylphthalate
Concen: 57.075 ng
RT: 15.311 min Scan# 2080
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

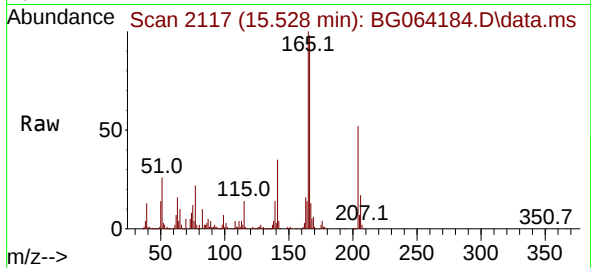
Tgt Ion:149 Resp: 481362
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.2
150 12.6 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 56.111 ng
RT: 15.528 min Scan# 2117
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

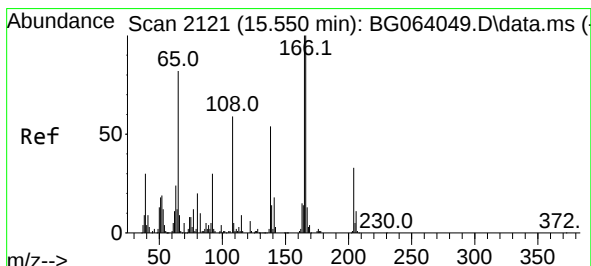
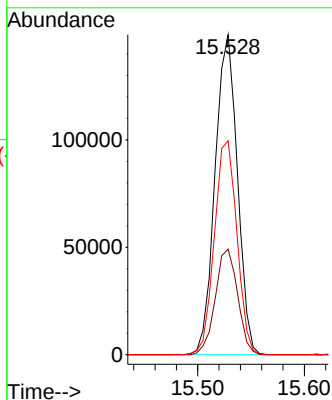
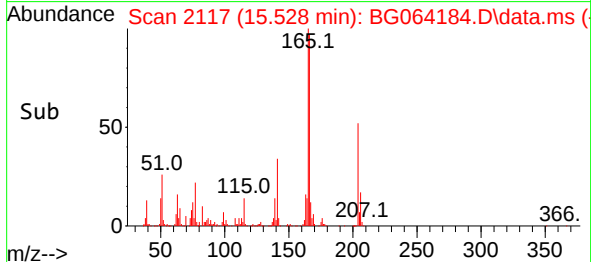
Instrument :
BNA_G
ClientSampleId :
TP-4MS



Tgt Ion:204 Resp: 216574
Ion Ratio Lower Upper
204 100
206 33.0 25.5 38.3
141 66.8 45.4 68.0

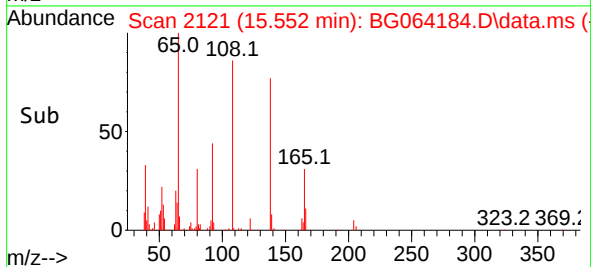
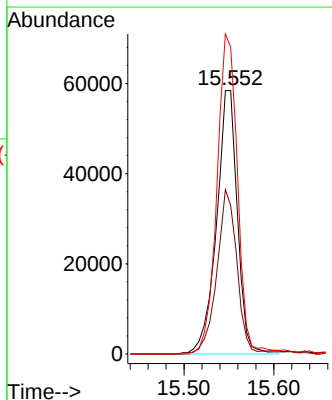
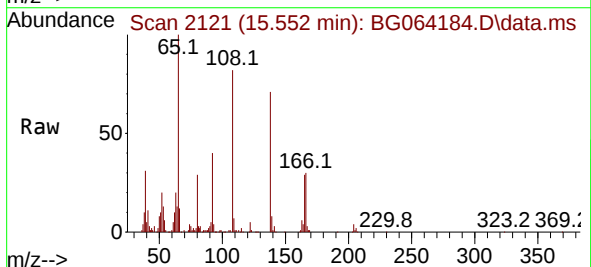
Manual Integrations
APPROVED

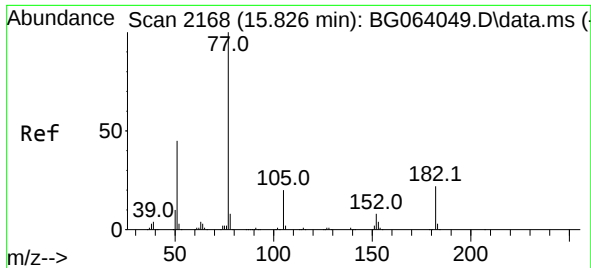
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#62
4-Nitroaniline
Concen: 58.085 ng
RT: 15.552 min Scan# 2121
Delta R.T. 0.002 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

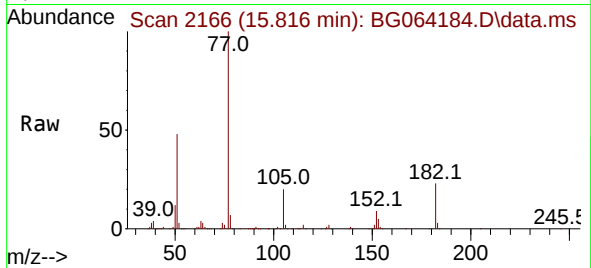
Tgt Ion:138 Resp: 94160
Ion Ratio Lower Upper
138 100
92 56.4 36.1 76.1
108 116.5 87.9 127.9





#63
Azobenzene
Concen: 55.224 ng
RT: 15.816 min Scan# 2166
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

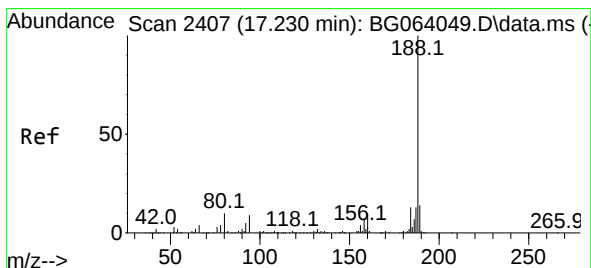
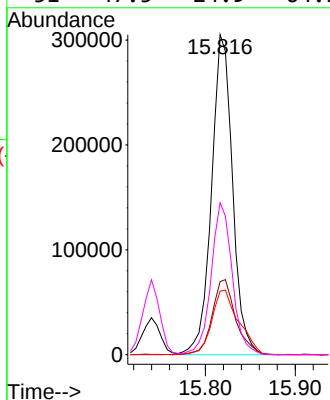
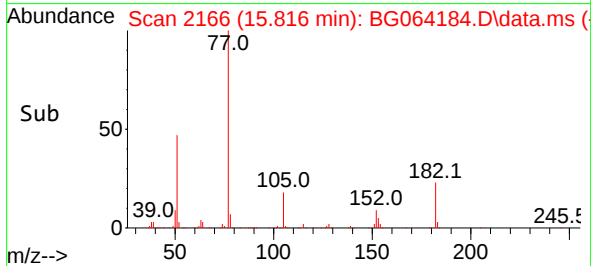
Instrument :
BNA_G
ClientSampleId :
TP-4MS



Tgt Ion: 77 Resp: 497002
Ion Ratio Lower Upper
77 100
182 22.8 2.4 42.4
105 19.9 0.0 40.0
51 47.5 24.9 64.9

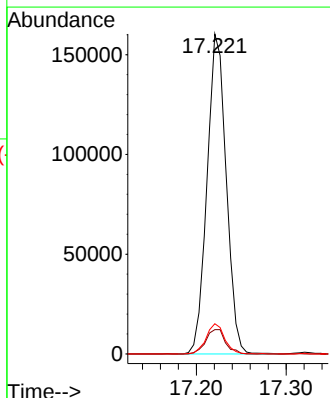
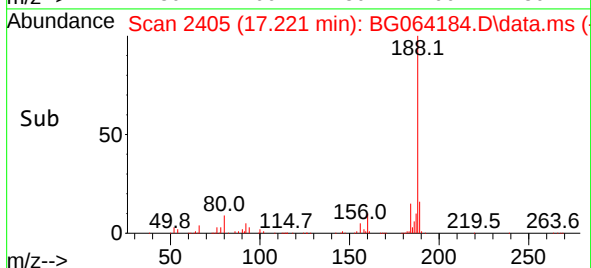
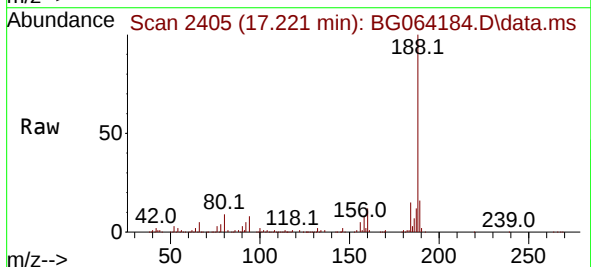
Manual Integrations
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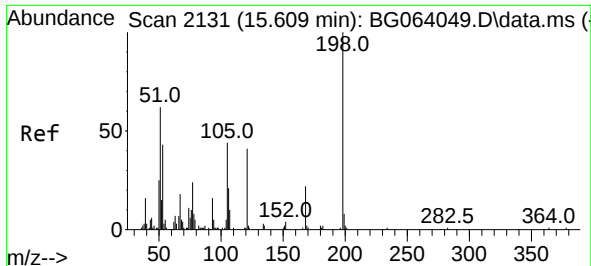
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

Tgt Ion:188 Resp: 238002
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 9.4 8.1 12.1





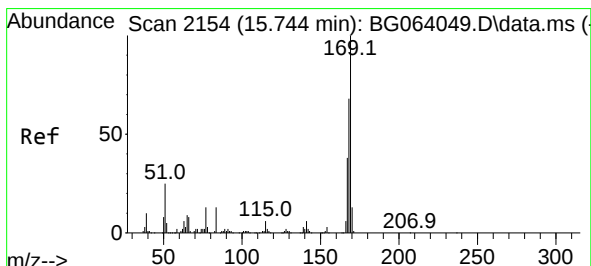
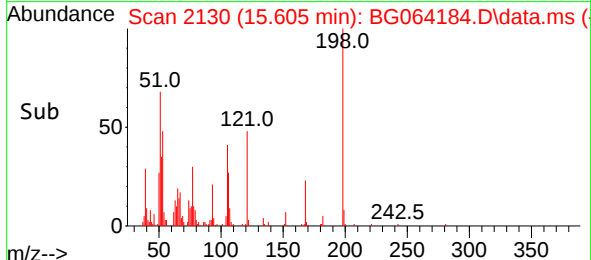
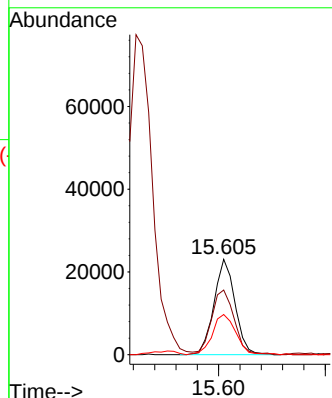
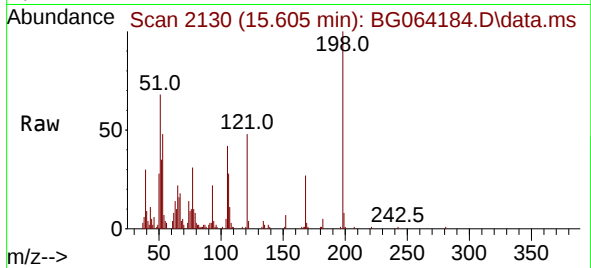
#65
4,6-Dinitro-2-methylphenol
Concen: 33.577 ng
RT: 15.605 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

Instrument :
BNA_G
ClientSampleId :
TP-4MS

Tgt Ion:198 Resp: 31478
Ion Ratio Lower Upper
198 100
51 67.7 45.6 85.6
105 42.1 25.3 65.3

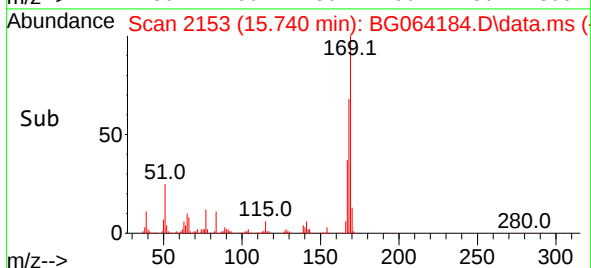
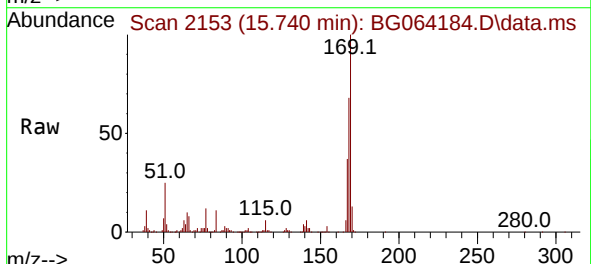
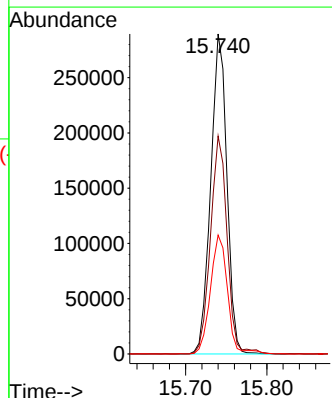
Manual Integrations
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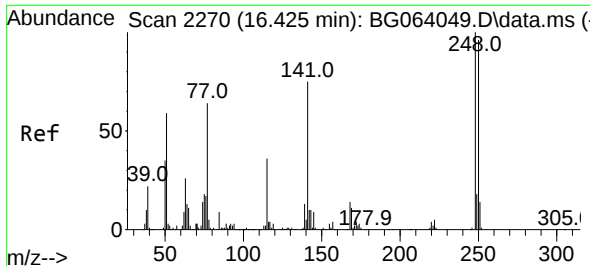
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#66
n-Nitrosodiphenylamine
Concen: 59.330 ng
RT: 15.740 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

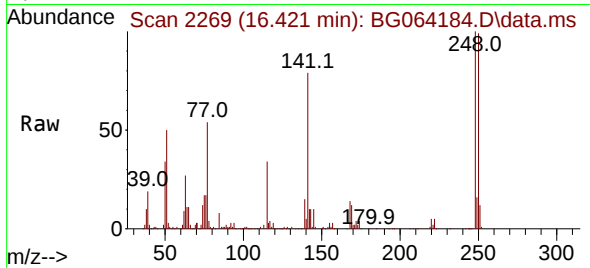
Tgt Ion:169 Resp: 399703
Ion Ratio Lower Upper
169 100
168 68.1 54.1 81.1
167 37.2 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 61.038 ng
RT: 16.421 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

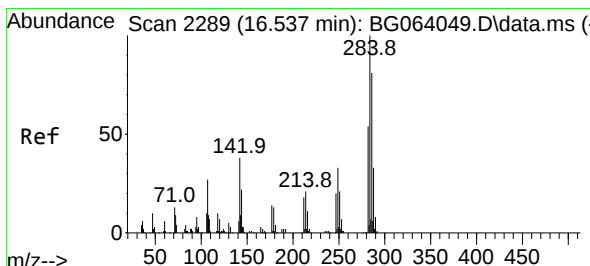
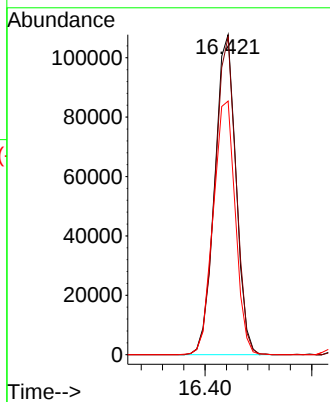
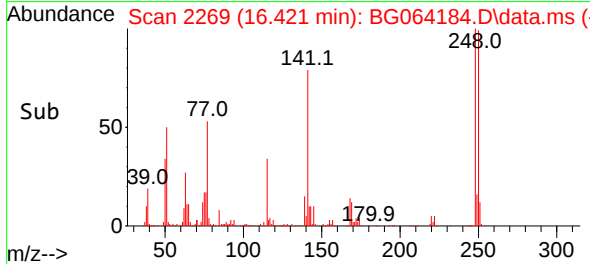
Instrument :
BNA_G
ClientSampleId :
TP-4MS



Tgt Ion:248 Resp: 148780
Ion Ratio Lower Upper
248 100
250 99.2 77.1 115.7
141 79.3 59.8 89.8

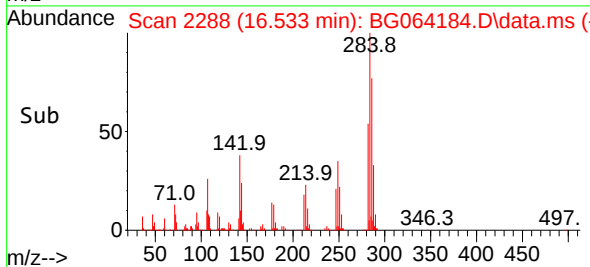
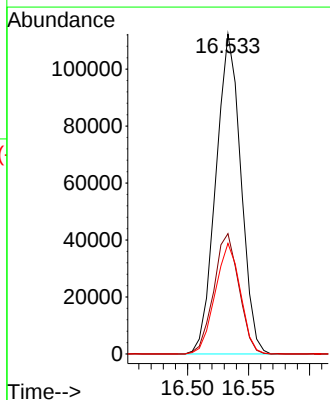
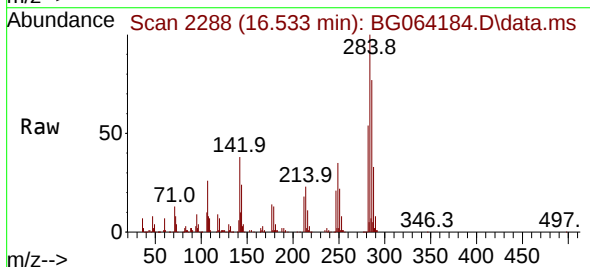
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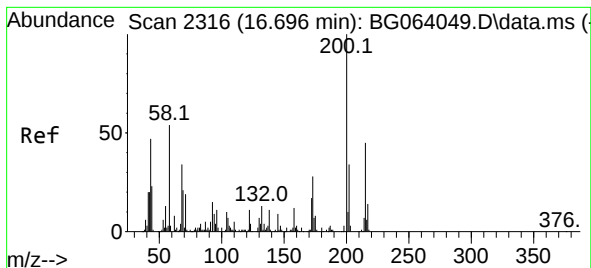
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#68
Hexachlorobenzene
Concen: 58.822 ng
RT: 16.533 min Scan# 2288
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

Tgt Ion:284 Resp: 160524
Ion Ratio Lower Upper
284 100
142 37.6 30.6 45.8
249 34.5 26.6 39.8





#69

Atrazine

Concen: 79.349 ng

RT: 16.692 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064184.D

Acq: 4 Apr 2025 2:44

Instrument :

BNA_G

ClientSampleId :

TP-4MS

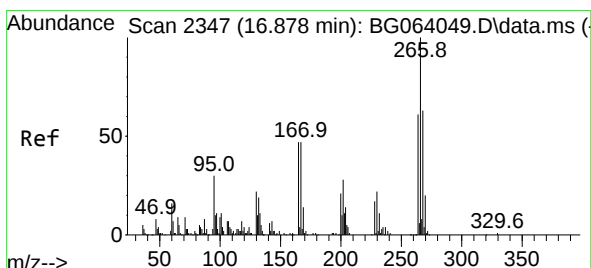
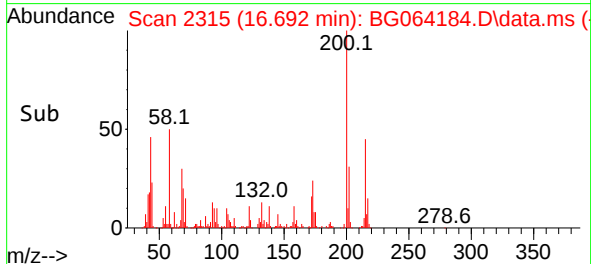
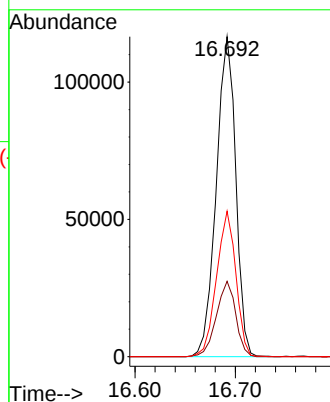
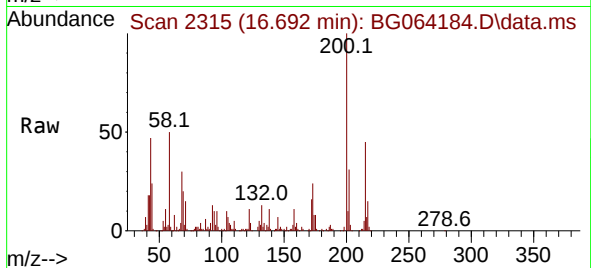
Tgt Ion:200 Resp: 15728
 Ion Ratio Lower Upper
 200 100
 173 23.5 8.2 48.2
 215 45.5 25.5 65.5

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#70

Pentachlorophenol

Concen: 76.037 ng

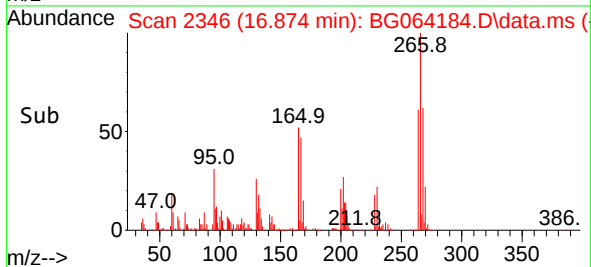
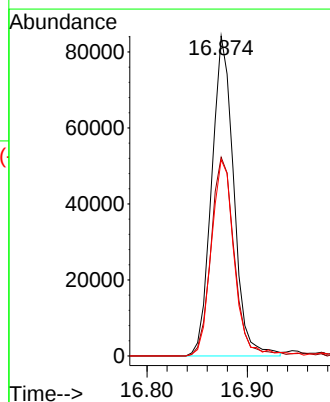
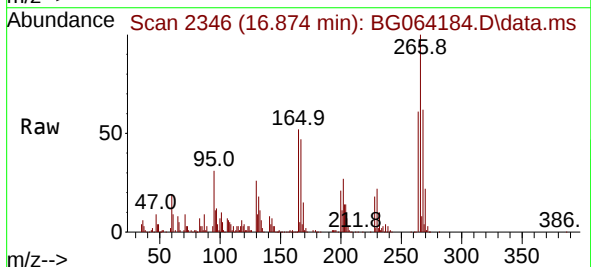
RT: 16.874 min Scan# 2346

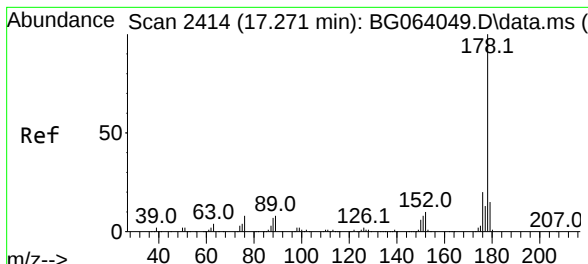
Delta R.T. -0.004 min

Lab File: BG064184.D

Acq: 4 Apr 2025 2:44

Tgt Ion:266 Resp: 128837
 Ion Ratio Lower Upper
 266 100
 268 62.1 50.2 75.4
 264 61.3 48.9 73.3





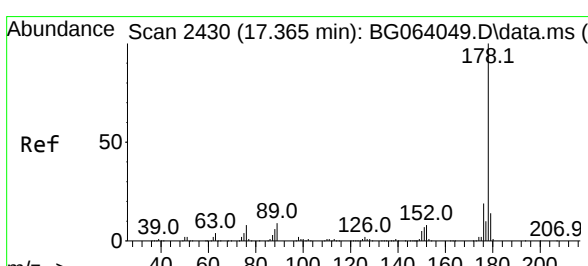
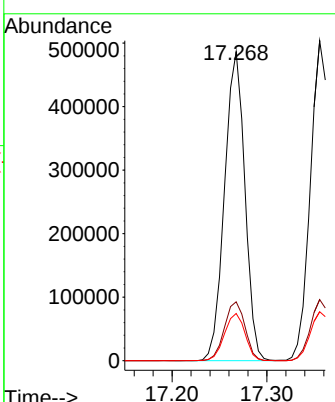
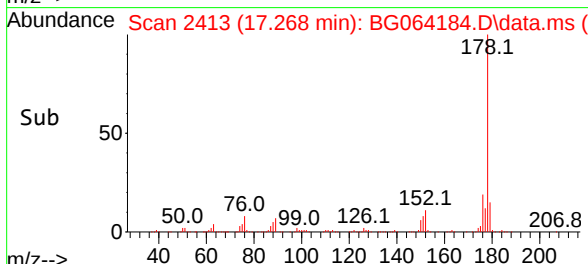
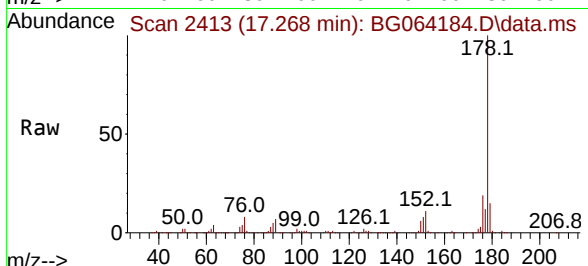
#71
 Phenanthrene
 Concen: 57.101 ng
 RT: 17.268 min Scan# 2413
 Delta R.T. -0.004 min
 Lab File: BG064184.D
 Acq: 4 Apr 2025 2:44

Instrument : BNA_G
 ClientSampleId : TP-4MS

Tgt Ion:178 Resp: 724864

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.3	12.2	18.2

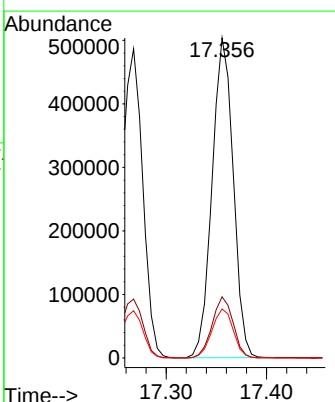
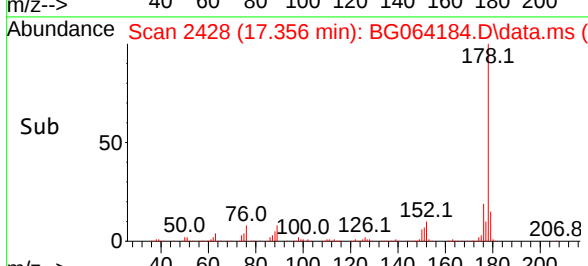
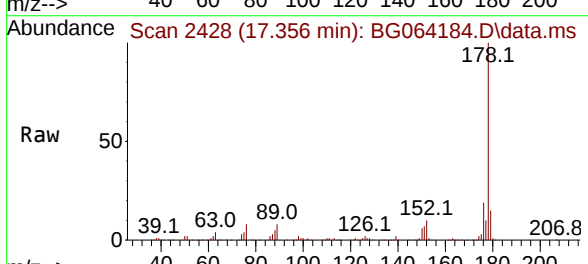
Manual Integrations
APPROVED
 Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

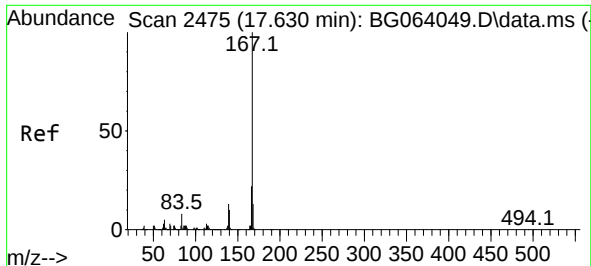


#72
 Anthracene
 Concen: 58.369 ng
 RT: 17.356 min Scan# 2428
 Delta R.T. -0.010 min
 Lab File: BG064184.D
 Acq: 4 Apr 2025 2:44

Tgt Ion:178 Resp: 736792

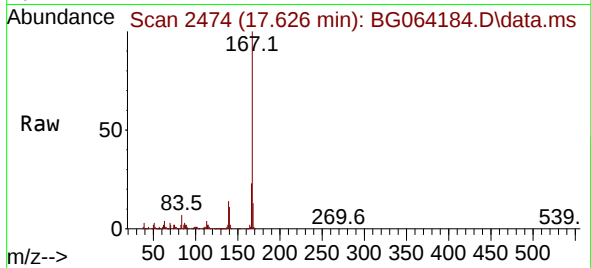
Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.8	22.2
179	15.3	11.5	17.3





#73
 Carbazole
 Concen: 56.119 ng
 RT: 17.626 min Scan# 2475
 Delta R.T. -0.004 min
 Lab File: BG064184.D
 Acq: 4 Apr 2025 2:44

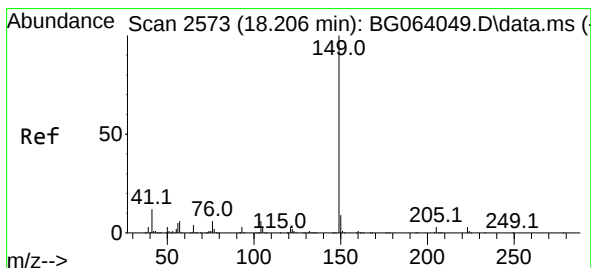
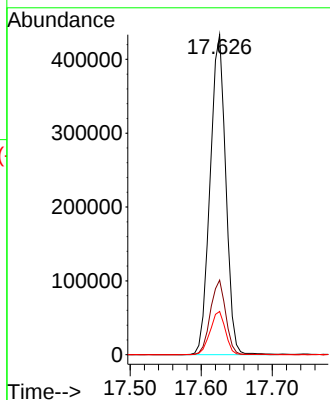
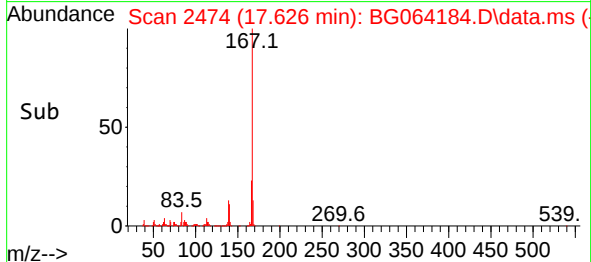
Instrument :
 BNA_G
 ClientSampleId :
 TP-4MS



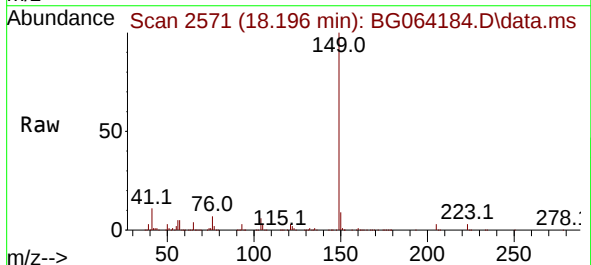
Tgt Ion:167 Resp: 661388
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.0 27.0
 139 13.5 10.6 15.8

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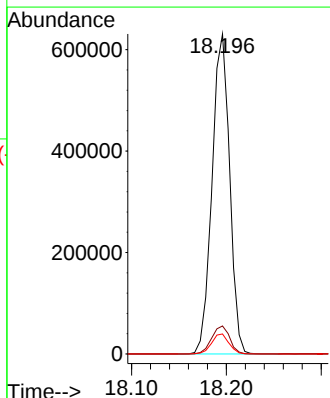
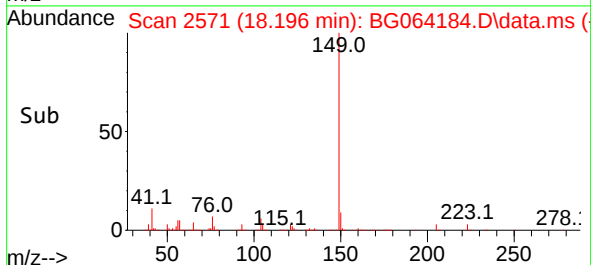
Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

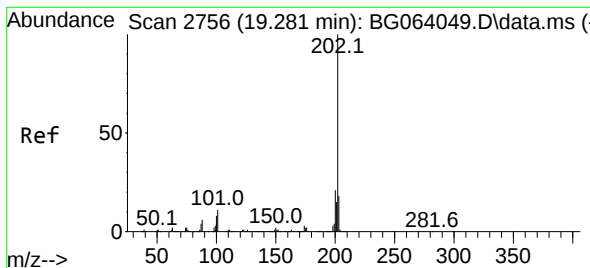


#74
 Di-n-butylphthalate
 Concen: 58.468 ng
 RT: 18.196 min Scan# 2571
 Delta R.T. -0.010 min
 Lab File: BG064184.D
 Acq: 4 Apr 2025 2:44



Tgt Ion:149 Resp: 811107
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.0
 104 6.3 5.0 7.6





#75

Fluoranthene

Concen: 54.301 ng

RT: 19.277 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064184.D

Acq: 4 Apr 2025 2:44

Instrument :

BNA_G

ClientSampleId :

TP-4MS

Tgt Ion:202 Resp: 83103

Ion Ratio Lower Upper

202 100

101 8.2 0.0 30.5

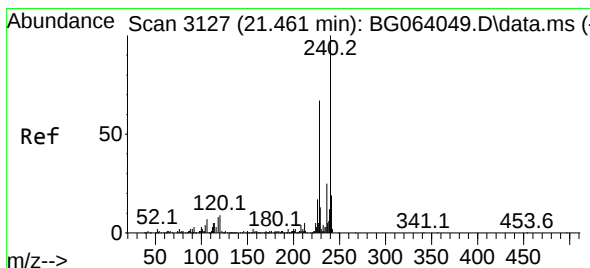
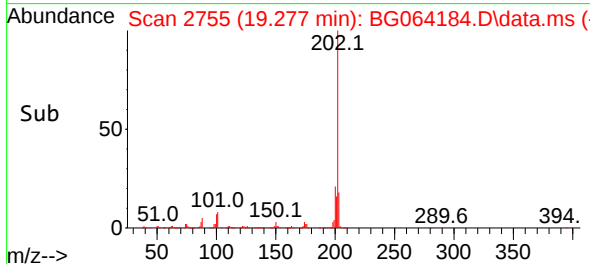
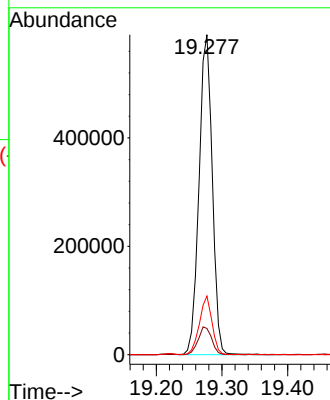
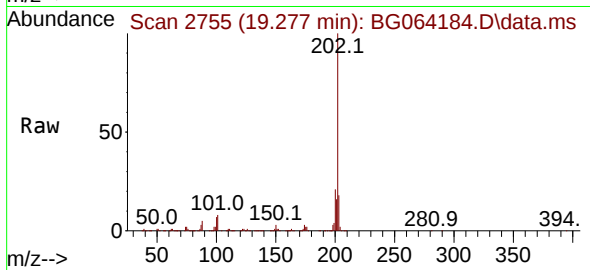
203 18.4 0.0 38.3

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.457 min Scan# 3126

Delta R.T. -0.004 min

Lab File: BG064184.D

Acq: 4 Apr 2025 2:44

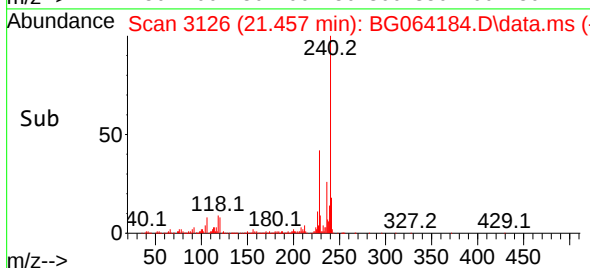
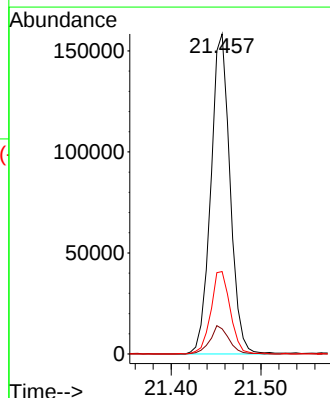
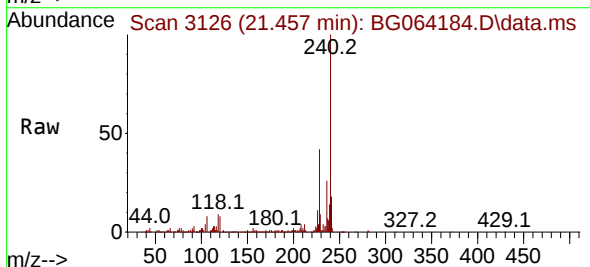
Tgt Ion:240 Resp: 235382

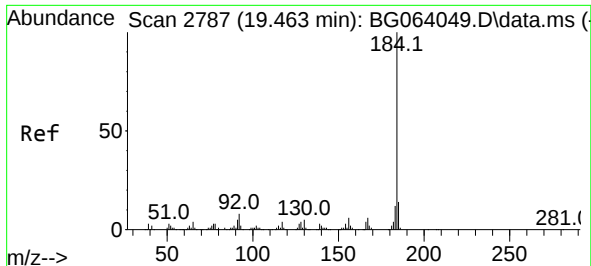
Ion Ratio Lower Upper

240 100

120 7.8 7.2 10.8

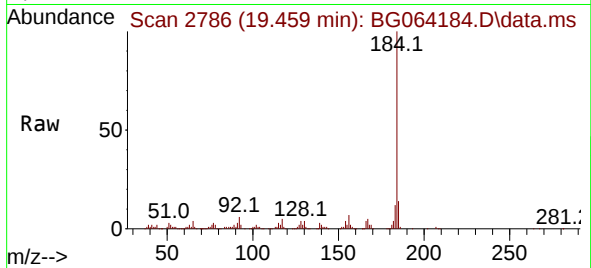
236 25.8 20.2 30.2





#77
Benzidine
Concen: 53.922 ng
RT: 19.459 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

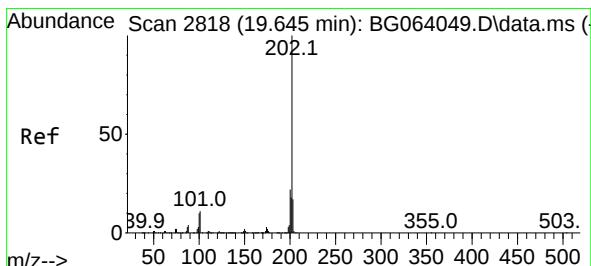
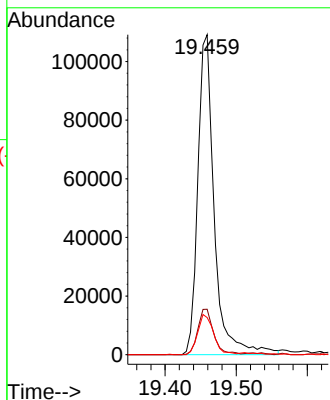
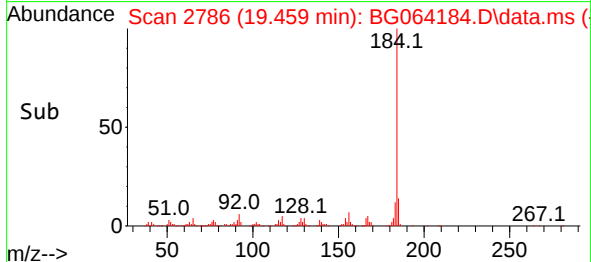
Instrument :
BNA_G
ClientSampleId :
TP-4MS



Tgt Ion:184 Resp: 175752
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 11.6 9.5 14.3

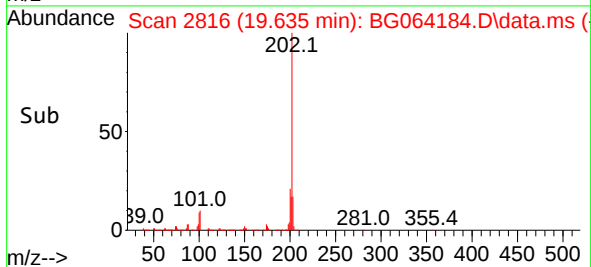
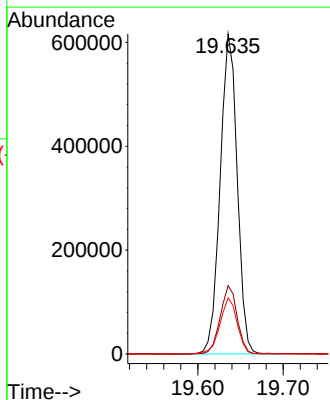
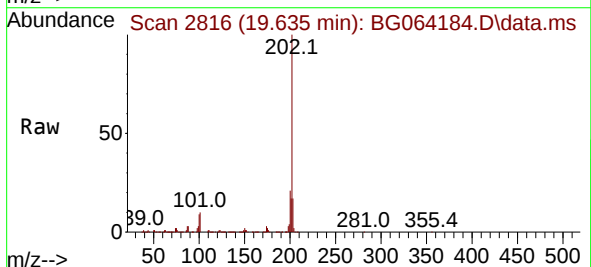
Manual Integrations
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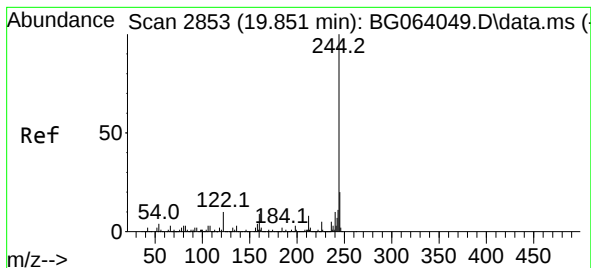
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#78
Pyrene
Concen: 56.399 ng
RT: 19.635 min Scan# 2816
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

Tgt Ion:202 Resp: 855752
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 17.5 13.6 20.4





#79

Terphenyl-d14

Concen: 104.335 ng

RT: 19.841 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG064184.D

Acq: 4 Apr 2025 2:44

Instrument :

BNA_G

ClientSampleId :

TP-4MS

Tgt Ion:244 Resp: 121456

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

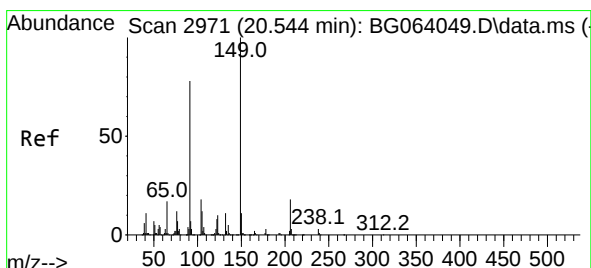
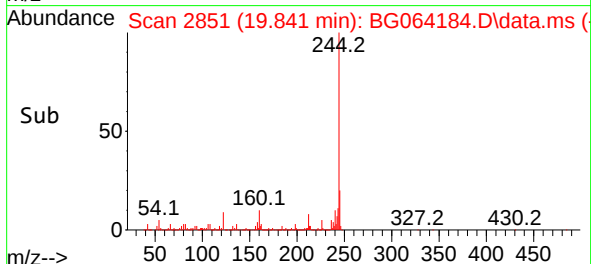
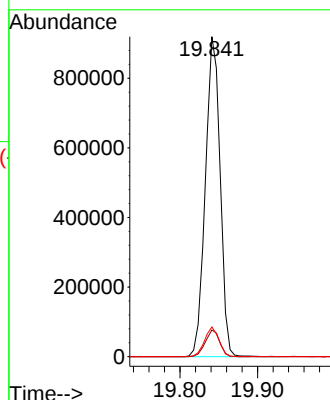
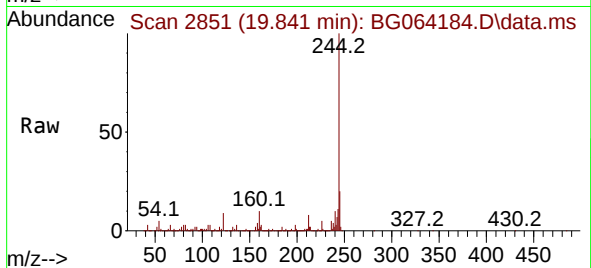
122 9.3 8.0 12.0

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#80

Butylbenzylphthalate

Concen: 62.623 ng

RT: 20.534 min Scan# 2969

Delta R.T. -0.010 min

Lab File: BG064184.D

Acq: 4 Apr 2025 2:44

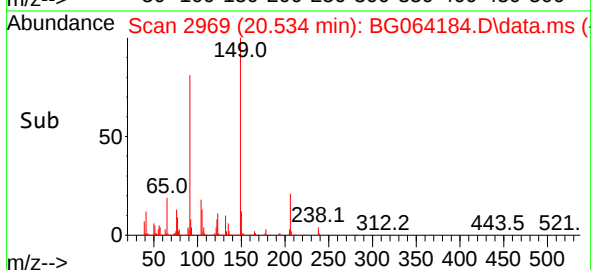
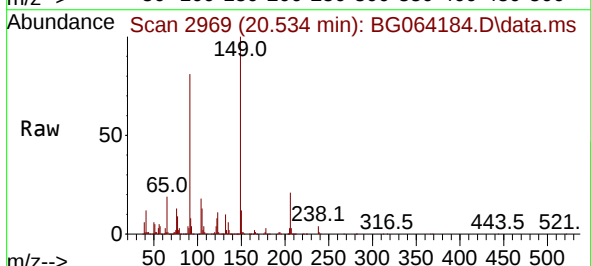
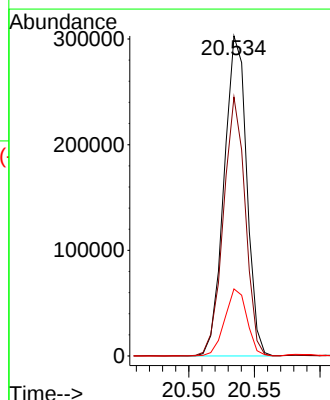
Tgt Ion:149 Resp: 363380

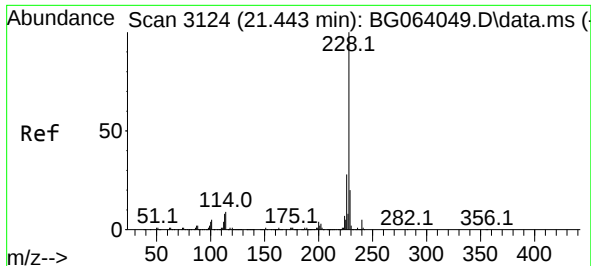
Ion Ratio Lower Upper

149 100

91 80.9 62.0 93.0

206 20.9 14.6 21.8





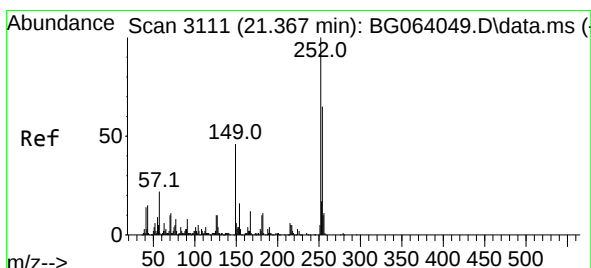
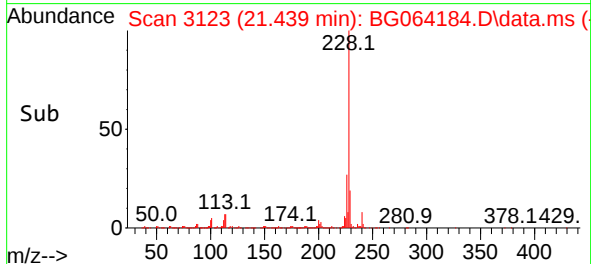
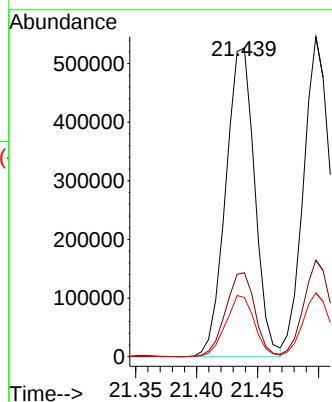
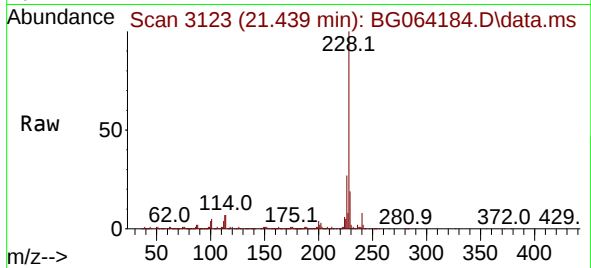
#81
Benzo(a)anthracene
Concen: 57.924 ng
RT: 21.439 min Scan# 3124
Delta R.T. -0.004 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

Instrument :
BNA_G
ClientSampleId :
TP-4MS

Tgt Ion:228 Resp: 87337
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.2
229 19.2 16.4 24.6

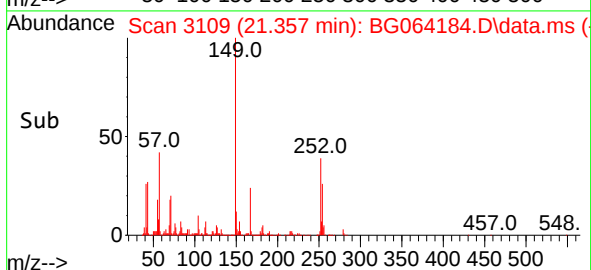
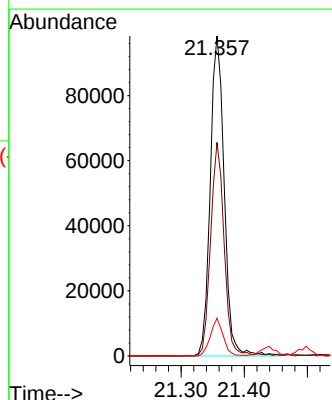
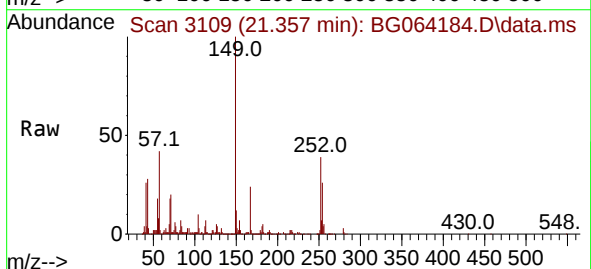
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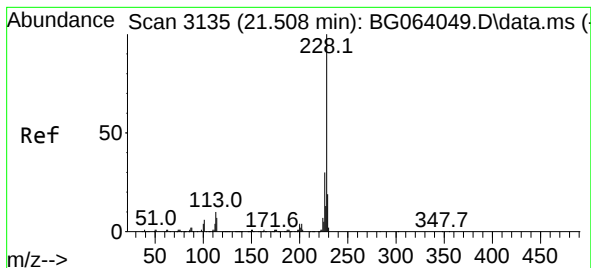
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 30.891 ng
RT: 21.357 min Scan# 3109
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

Tgt Ion:252 Resp: 150739
Ion Ratio Lower Upper
252 100
254 66.8 52.1 78.1
126 11.7 7.8 11.8





#83

Chrysene

Concen: 54.902 ng

RT: 21.498 min Scan# 3111

Delta R.T. -0.010 min

Lab File: BG064184.D

Acq: 4 Apr 2025 2:44

Instrument :

BNA_G

ClientSampleId :

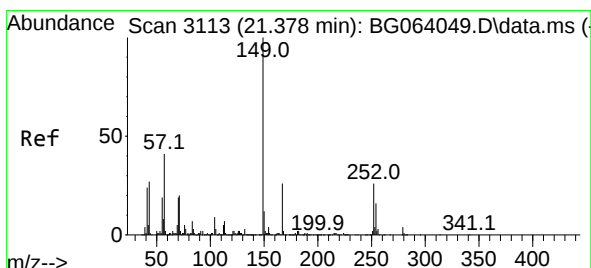
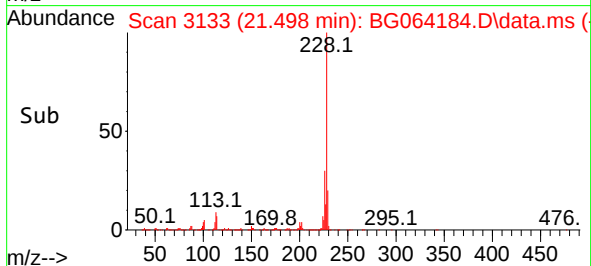
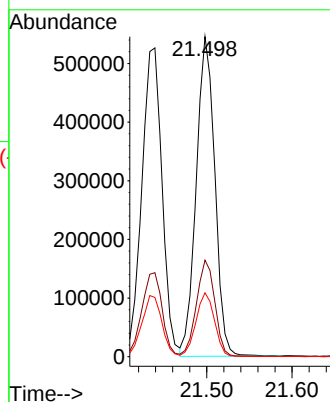
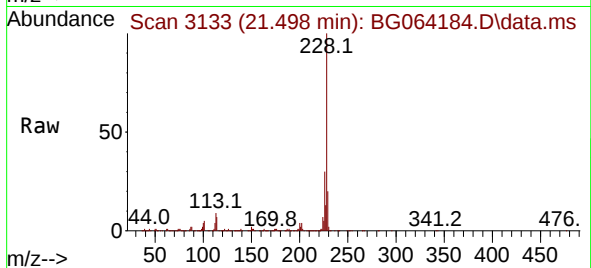
TP-4MS

Tgt Ion:228 Resp: 825635
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.9 35.9
 229 19.9 15.3 22.9

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Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.664 ng

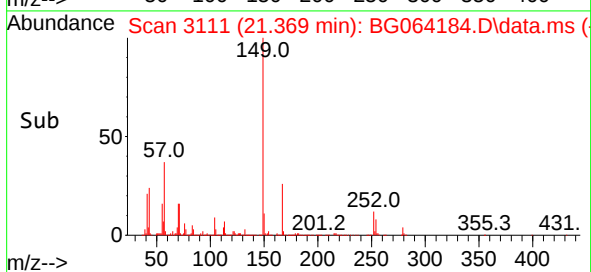
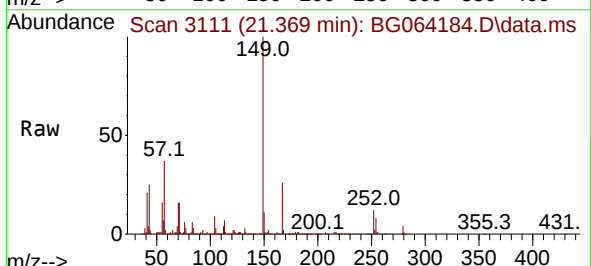
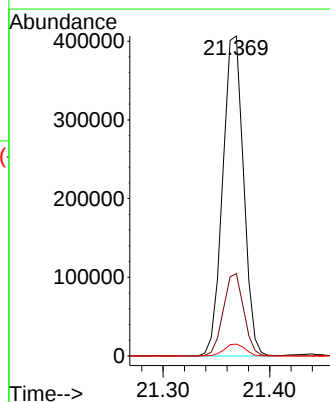
RT: 21.369 min Scan# 3111

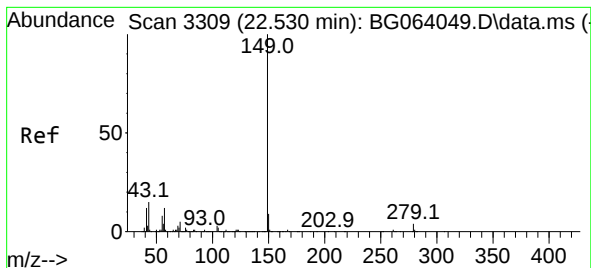
Delta R.T. -0.010 min

Lab File: BG064184.D

Acq: 4 Apr 2025 2:44

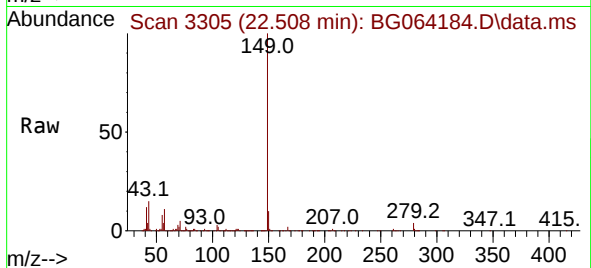
Tgt Ion:149 Resp: 551755
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.0 31.6
 279 3.7 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 65.825 ng
RT: 22.508 min Scan# 31
Delta R.T. -0.022 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

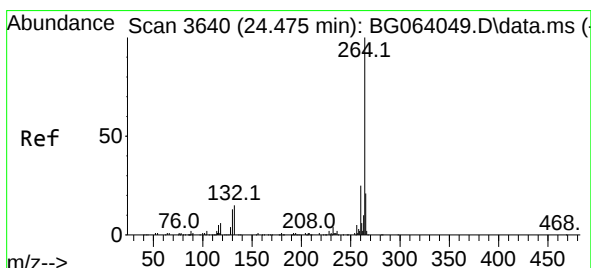
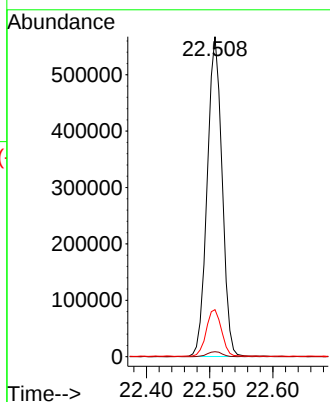
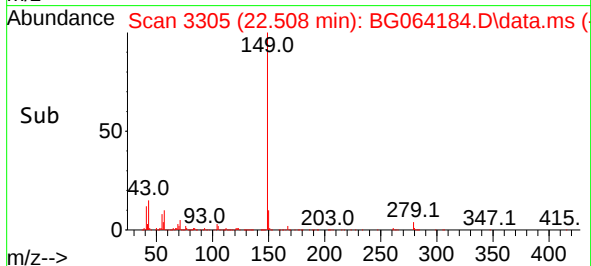
Instrument :
BNA_G
ClientSampleId :
TP-4MS



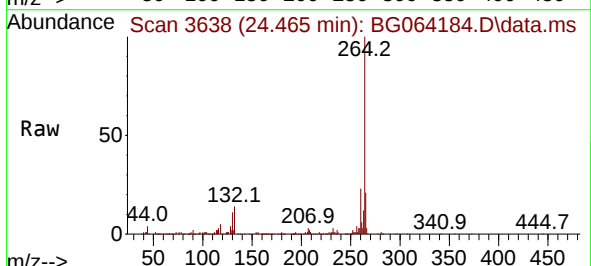
Tgt Ion:149 Resp: 925830
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 15.1 12.6 19.0

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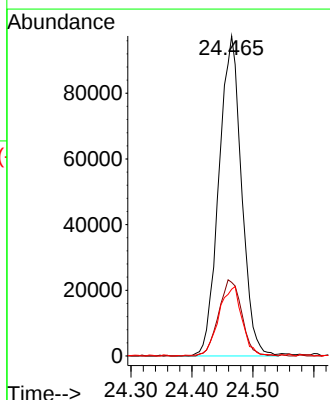
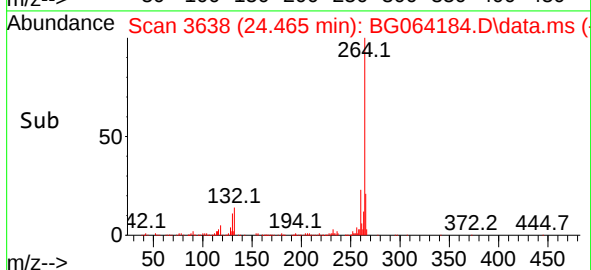
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

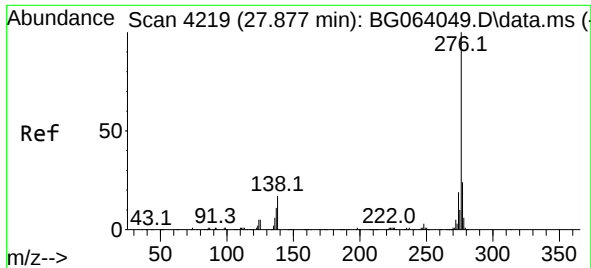


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3638
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44



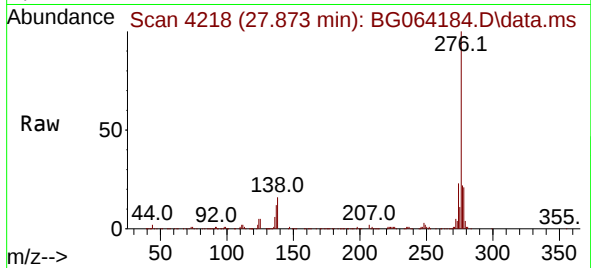
Tgt Ion:264 Resp: 251979
Ion Ratio Lower Upper
264 100
260 23.0 19.6 29.4
265 20.9 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 60.731 ng
 RT: 27.873 min Scan# 4218
 Delta R.T. -0.004 min
 Lab File: BG064184.D
 Acq: 4 Apr 2025 2:44

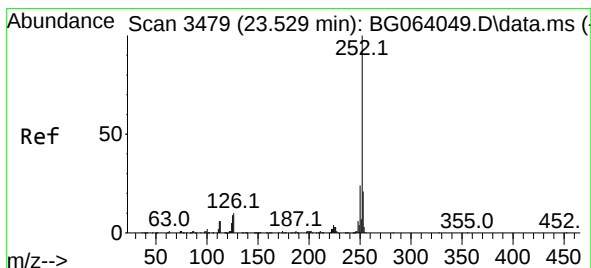
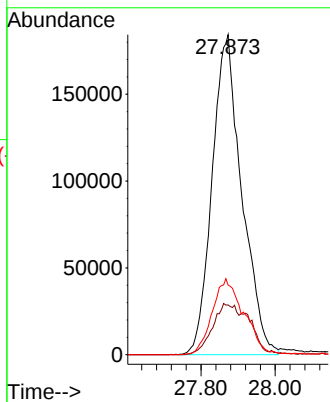
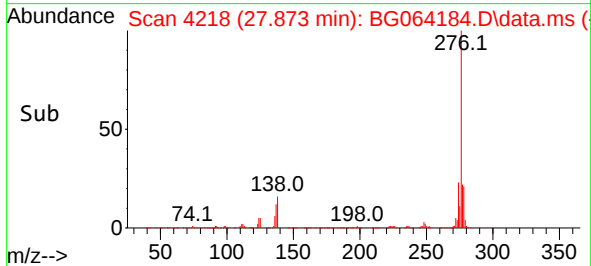
Instrument :
 BNA_G
 ClientSampleId :
 TP-4MS



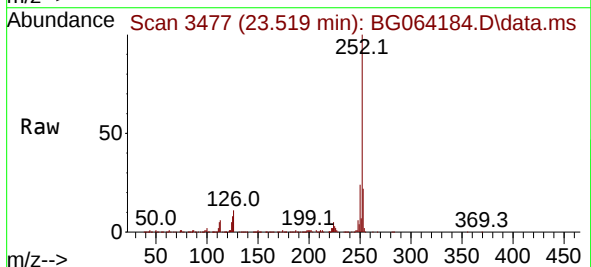
Tgt Ion:276 Resp: 1023884
 Ion Ratio Lower Upper
 276 100
 138 13.1 12.1 18.1
 277 25.4 20.0 30.0

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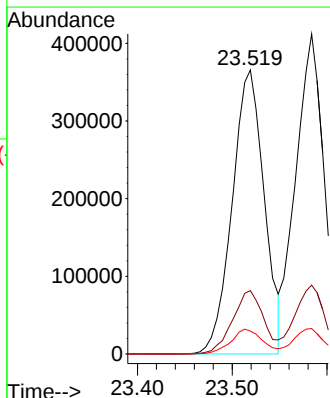
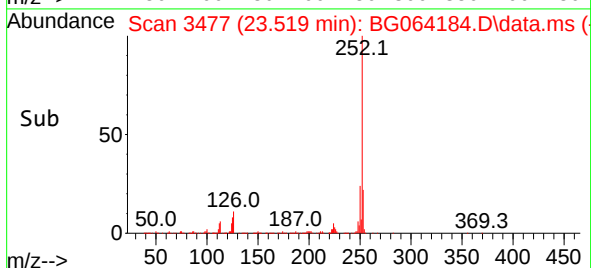
Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

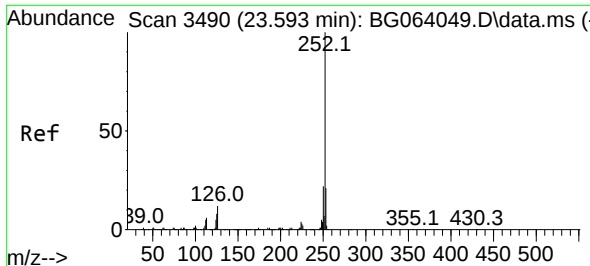


#88
 Benzo(b)fluoranthene
 Concen: 56.259 ng
 RT: 23.519 min Scan# 3477
 Delta R.T. -0.010 min
 Lab File: BG064184.D
 Acq: 4 Apr 2025 2:44



Tgt Ion:252 Resp: 856994
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.0 25.4
 125 8.1 7.4 11.2





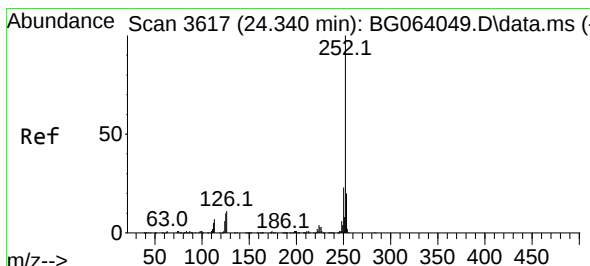
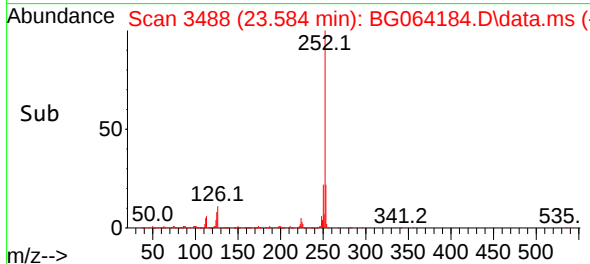
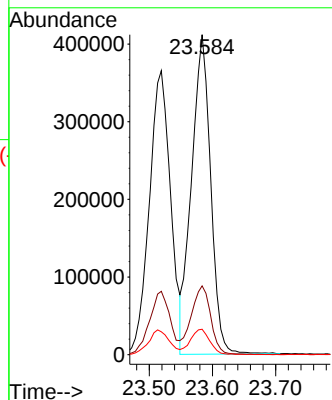
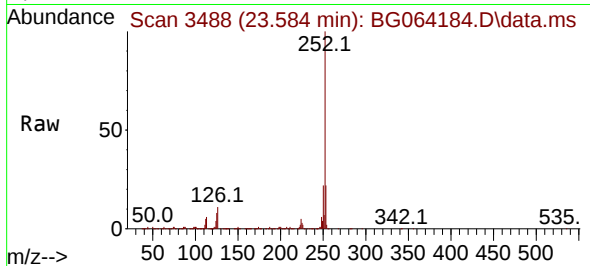
#89
Benzo(k)fluoranthene
Concen: 56.485 ng
RT: 23.584 min Scan# 3490
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

Instrument :
BNA_G
ClientSampleId :
TP-4MS

Tgt Ion:252 Resp: 86319
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 7.9 6.9 10.3

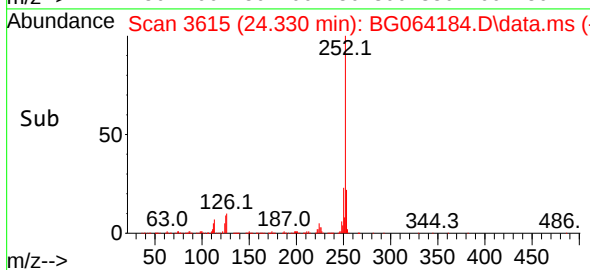
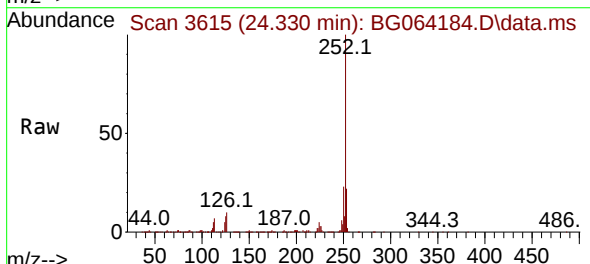
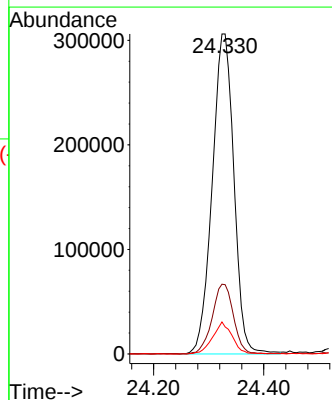
Manual Integrations
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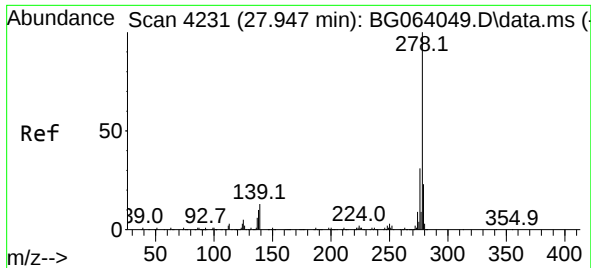
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#90
Benzo(a)pyrene
Concen: 61.708 ng
RT: 24.330 min Scan# 3615
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

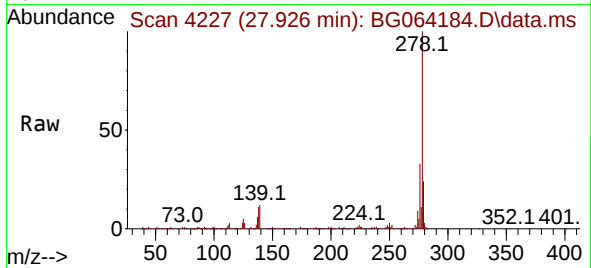
Tgt Ion:252 Resp: 837163
Ion Ratio Lower Upper
252 100
253 21.6 16.2 24.2
125 8.5 7.8 11.6





#91
Dibenzo(a,h)anthracene
Concen: 60.808 ng
RT: 27.926 min Scan# 41
Delta R.T. -0.021 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44

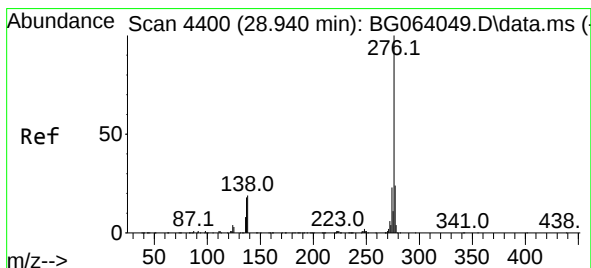
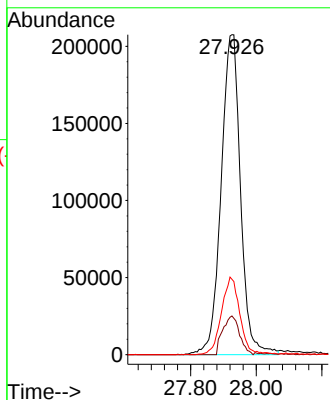
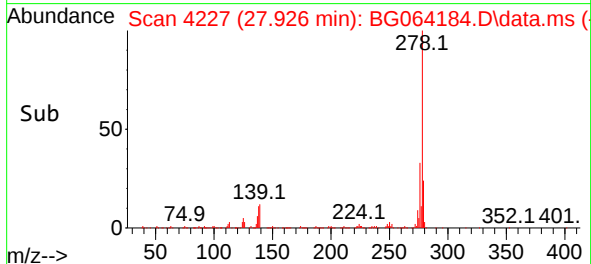
Instrument :
BNA_G
ClientSampleId :
TP-4MS



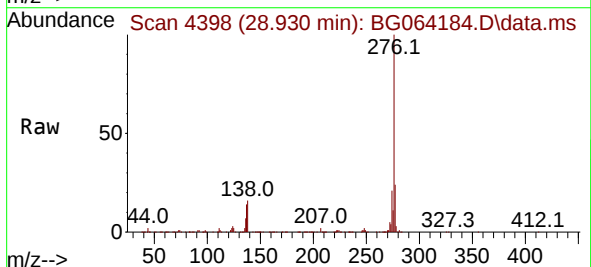
Tgt Ion:278 Resp: 849918
Ion Ratio Lower Upper
278 100
139 12.1 10.2 15.2
279 23.6 18.1 27.1

Manual Integrations
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Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#92
Benzo(g,h,i)perylene
Concen: 56.274 ng
RT: 28.930 min Scan# 4398
Delta R.T. -0.010 min
Lab File: BG064184.D
Acq: 4 Apr 2025 2:44



Tgt Ion:276 Resp: 807555
Ion Ratio Lower Upper
276 100
277 23.6 19.5 29.3
138 15.6 15.4 23.0

