

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064175.D
 Acq On : 3 Apr 2025 20:38
 Operator : RC/JU
 Sample : PB167451BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167451BS

Manual Integrations
 APPROVED

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

Quant Time: Apr 04 01:46:54 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	7.856	152	27724	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	127043	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	99227	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	235595	20.000	ng	0.00
76) Chrysene-d12	21.457	240	232442	20.000	ng	0.00
86) Perylene-d12	24.465	264	250687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.447	112	273370	153.965	ng	0.00
7) Phenol-d6	7.027	99	369305	152.895	ng	0.00
23) Nitrobenzene-d5	9.013	82	252836	109.980	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	206326	187.063	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	625714	95.716	ng	0.00
79) Terphenyl-d14	19.842	244	1181105	102.743	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	22821	28.360	ng	87
3) Pyridine	3.749	79	72085	36.835	ng	99
4) n-Nitrosodimethylamine	3.660	42	59160	42.311	ng	98
6) Aniline	7.186	93	81316	34.308	ng	96
8) 2-Chlorophenol	7.427	128	104021	54.548	ng	97
9) Benzaldehyde	6.998	77	59463	42.329	ng	93
10) Phenol	7.056	94	132073	53.406	ng	94
11) bis(2-Chloroethyl)ether	7.286	93	90315	46.583	ng	96
12) 1,3-Dichlorobenzene	7.750	146	98739	47.152	ng	96
13) 1,4-Dichlorobenzene	7.897	146	101460	47.270	ng	97
14) 1,2-Dichlorobenzene	8.208	146	101004	48.800	ng	95
15) Benzyl Alcohol	8.091	79	103667	55.540	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.384	45	209856	48.138	ng	99
17) 2-Methylphenol	8.296	107	92668	56.460	ng	99
18) Hexachloroethane	8.937	117	39888	53.115	ng	94
19) n-Nitroso-di-n-propyla...	8.660	70	85464	50.417	ng	99
20) 3+4-Methylphenols	8.625	107	130529	57.767	ng	96
22) Acetophenone	8.672	105	167288	48.026	ng	98
24) Nitrobenzene	9.054	77	127515	53.672	ng	# 96
25) Isophorone	9.577	82	242940	52.797	ng	# 95
26) 2-Nitrophenol	9.759	139	56117	63.620	ng	# 90
27) 2,4-Dimethylphenol	9.824	122	113861	82.542	ng	99
28) bis(2-Chloroethoxy)met...	10.059	93	138485	49.641	ng	99
29) 2,4-Dichlorophenol	10.294	162	105181	60.386	ng	99
30) 1,2,4-Trichlorobenzene	10.511	180	107026	50.900	ng	95
31) Naphthalene	10.699	128	333528	48.686	ng	99
32) Benzoic acid	9.977	122	78807	59.641	ng	97
33) 4-Chloroaniline	10.805	127	30844	12.319	ng	98
34) Hexachlorobutadiene	10.987	225	72158	52.355	ng	96
35) Caprolactam	11.569	113	38445m	57.596	ng	
36) 4-Chloro-3-methylphenol	11.933	107	141004	61.757	ng	97
37) 2-Methylnaphthalene	12.303	142	226997	46.937	ng	97
38) 1-Methylnaphthalene	12.527	142	245040	51.718	ng	98
40) 1,2,4,5-Tetrachloroben...	12.679	216	135050	47.673	ng	# 98
41) Hexachlorocyclopentadiene	12.662	237	200978	252.069	ng	93
43) 2,4,6-Trichlorophenol	12.914	196	95761	57.356	ng	98

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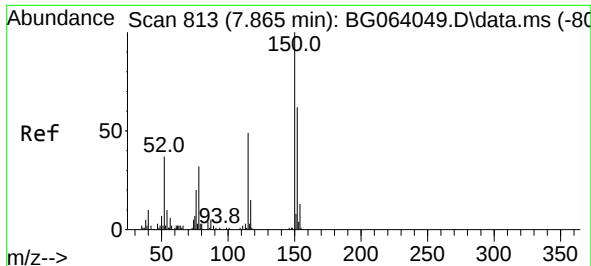
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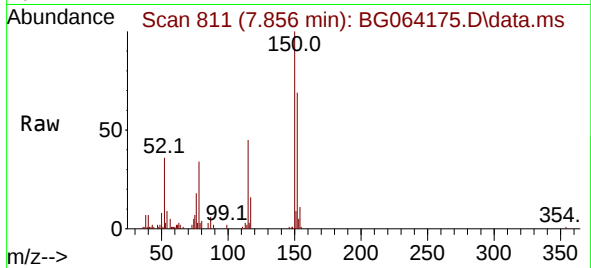
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	108252	58.352	ng	98
46) 1,1'-Biphenyl	13.320	154	364524	48.625	ng	98
47) 2-Chloronaphthalene	13.361	162	266516	48.745	ng	97
48) 2-Nitroaniline	13.561	65	106702	56.697	ng	97
49) Acenaphthylene	14.207	152	463864	53.637	ng	99
50) Dimethylphthalate	13.943	163	373757	51.027	ng	99
51) 2,6-Dinitrotoluene	14.054	165	82641	55.081	ng	95
52) Acenaphthene	14.548	154	283336	48.819	ng	98
53) 3-Nitroaniline	14.383	138	30973	21.879	ng	93
54) 2,4-Dinitrophenol	14.595	184	103147	157.964	ng	# 78
55) Dibenzofuran	14.883	168	458251	48.739	ng	99
56) 4-Nitrophenol	14.700	139	148840	125.363	ng	# 89
57) 2,4-Dinitrotoluene	14.841	165	124141	59.593	ng	# 98
58) Fluorene	15.535	166	373934	51.063	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.106	232	108848	60.184	ng	95
60) Diethylphthalate	15.312	149	415297	52.228	ng	99
61) 4-Chlorophenyl-phenyle...	15.529	204	185302	50.920	ng	90
62) 4-Nitroaniline	15.547	138	85117	55.690	ng	93
63) Azobenzene	15.817	77	410613	48.392	ng	99
65) 4,6-Dinitro-2-methylph...	15.611	198	74018	68.512	ng	93
66) n-Nitrosodiphenylamine	15.740	169	343772	51.549	ng	99
67) 4-Bromophenyl-phenylether	16.422	248	126083	52.253	ng	96
68) Hexachlorobenzene	16.534	284	137848	51.029	ng	99
69) Atrazine	16.692	200	140300	71.503	ng	97
70) Pentachlorophenol	16.874	266	186580	111.241	ng	99
71) Phenanthrene	17.268	178	635172	50.546	ng	98
72) Anthracene	17.356	178	648466	51.897	ng	99
73) Carbazole	17.626	167	588835	50.473	ng	98
74) Di-n-butylphthalate	18.196	149	727823	53.000	ng	100
75) Fluoranthene	19.277	202	742513	49.013	ng	97
77) Benzidine	19.454	184	189136	58.762	ng	97
78) Pyrene	19.636	202	770248	51.406	ng	99
80) Butylbenzylphthalate	20.535	149	329008	57.719	ng	98
81) Benzo(a)anthracene	21.434	228	781366	52.478	ng	99
82) 3,3'-Dichlorobenzidine	21.357	252	130385	27.058	ng	94
83) Chrysene	21.498	228	736885	49.620	ng	99
84) Bis(2-ethylhexyl)phtha...	21.363	149	486302	60.391	ng	99
85) Di-n-octyl phthalate	22.509	149	828678	59.663	ng	98
87) Indeno(1,2,3-cd)pyrene	27.867	276	917101	54.677	ng	# 96
88) Benzo(b)fluoranthene	23.520	252	764913	50.473	ng	99
89) Benzo(k)fluoranthene	23.584	252	763585	50.224	ng	100
90) Benzo(a)pyrene	24.330	252	741942	54.971	ng	98
91) Dibenzo(a,h)anthracene	27.926	278	749744	53.918	ng	98
92) Benzo(g,h,i)perylene	28.925	276	722475	50.605	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.856 min Scan# 81
 Delta R.T. -0.009 min
 Lab File: BG064175.D
 Acq: 3 Apr 2025 20:38

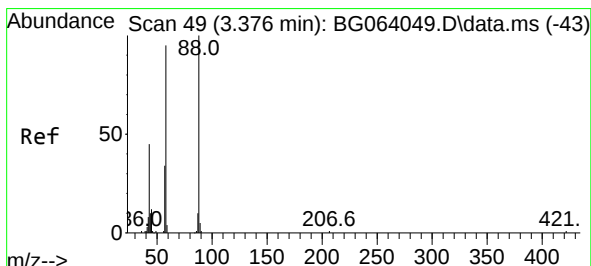
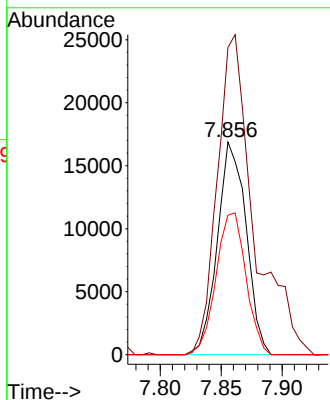
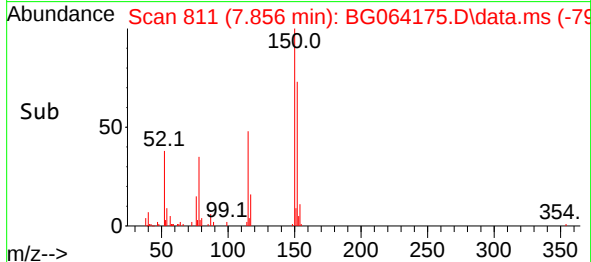
Instrument :
 BNA_G
 ClientSampleId :
 PB167451BS



Tgt Ion: 152 Resp: 27724
 Ion Ratio Lower Upper
 152 100
 150 144.5 129.2 193.8
 115 65.6 63.0 94.6

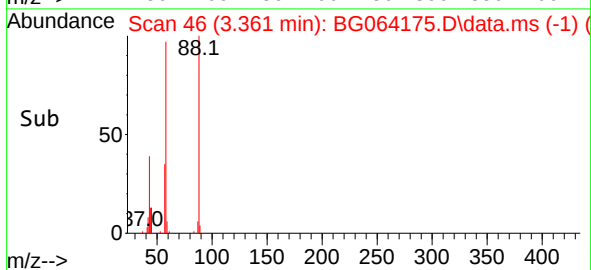
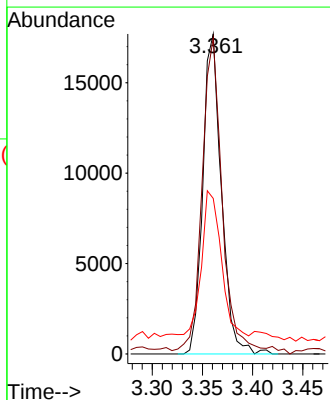
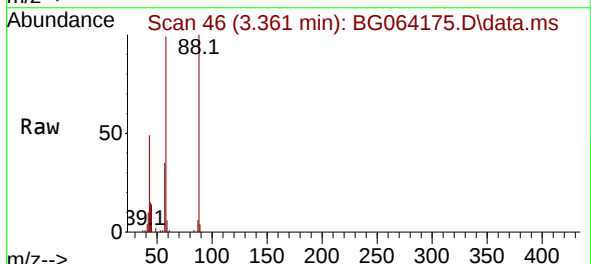
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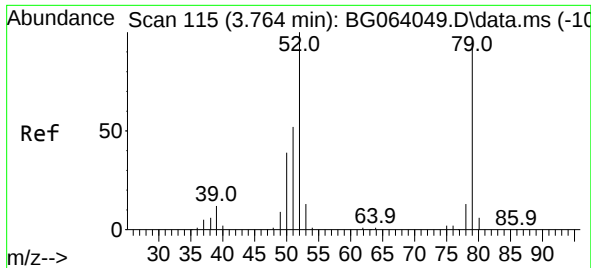
Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025



#2
 1,4-Dioxane
 Concen: 28.360 ng
 RT: 3.361 min Scan# 46
 Delta R.T. -0.015 min
 Lab File: BG064175.D
 Acq: 3 Apr 2025 20:38

Tgt Ion: 88 Resp: 22821
 Ion Ratio Lower Upper
 88 100
 58 109.4 74.6 111.8
 43 47.2 35.5 53.3





#3
 Pyridine
 Concen: 36.835 ng
 RT: 3.749 min Scan# 115
 Delta R.T. -0.015 min
 Lab File: BG064175.D
 Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

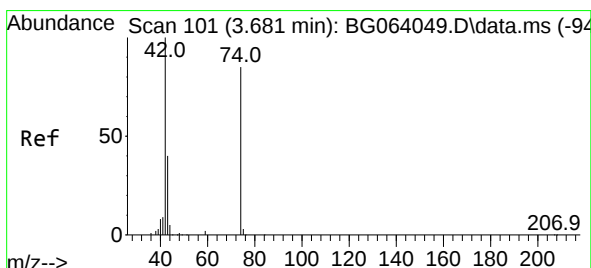
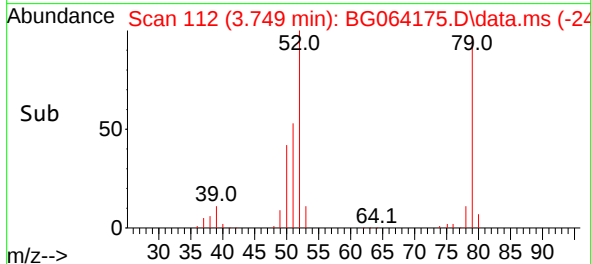
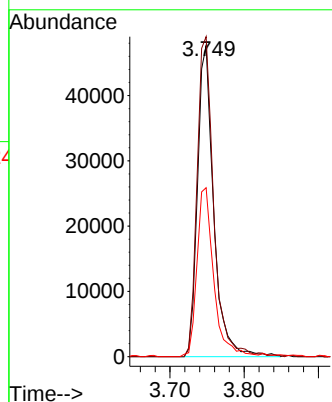
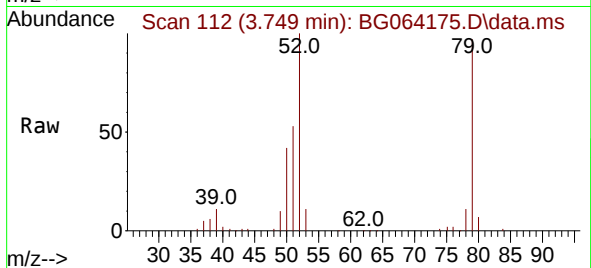
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Tgt Ion: 79 Resp: 72085
 Ion Ratio Lower Upper
 79 100
 52 102.8 83.0 124.6
 51 54.3 44.3 66.5

Manual Integrations

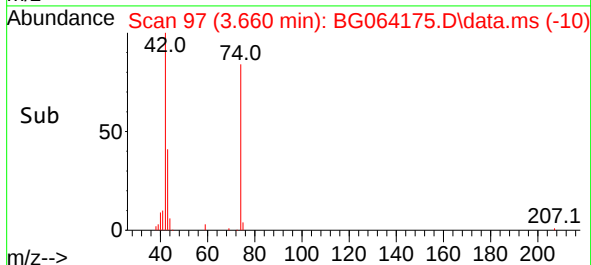
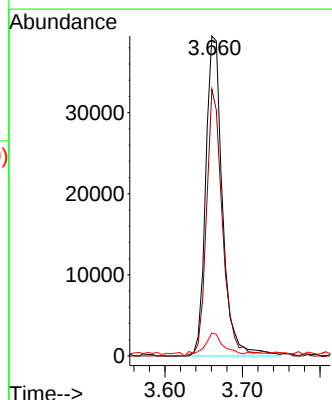
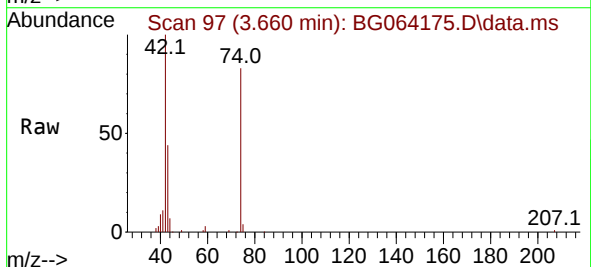
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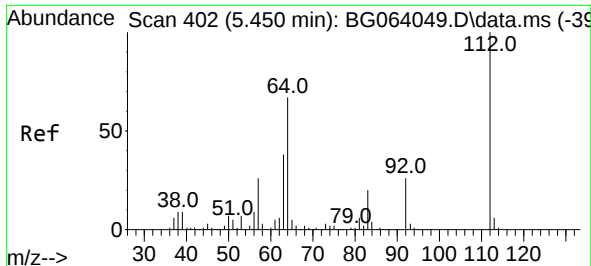
Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025



#4
 n-Nitrosodimethylamine
 Concen: 42.311 ng
 RT: 3.660 min Scan# 97
 Delta R.T. -0.021 min
 Lab File: BG064175.D
 Acq: 3 Apr 2025 20:38

Tgt Ion: 42 Resp: 59160
 Ion Ratio Lower Upper
 42 100
 74 83.4 68.0 102.0
 44 7.2 4.9 7.3





#5
2-Fluorophenol
Concen: 153.965 ng
RT: 5.447 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

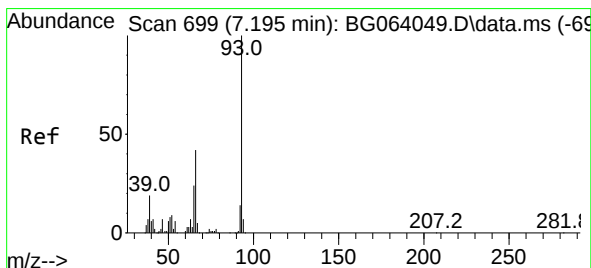
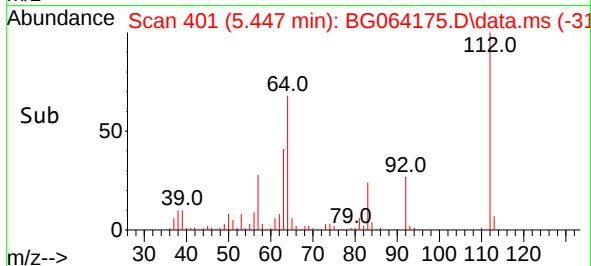
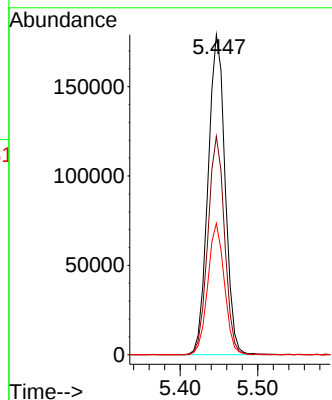
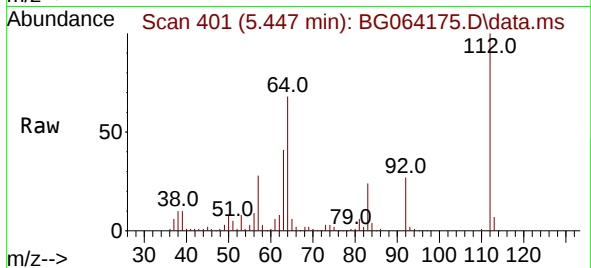
PB167451BS

Tgt Ion:112 Resp: 273370
Ion Ratio Lower Upper
112 100
64 68.3 53.7 80.5
63 41.0 30.2 45.4

Manual Integrations

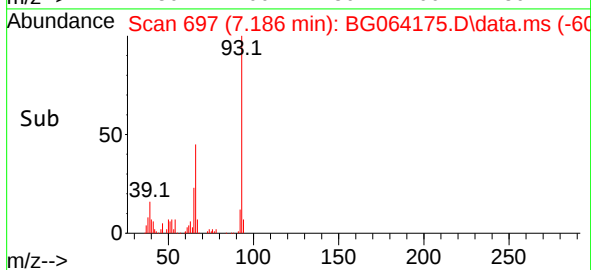
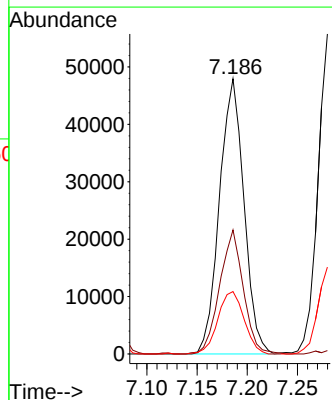
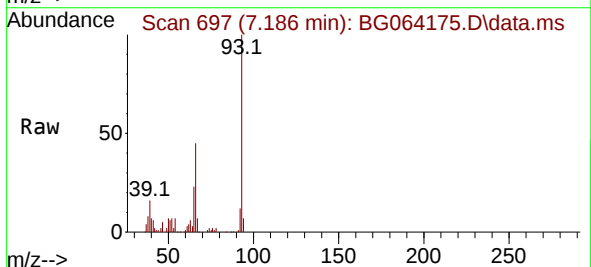
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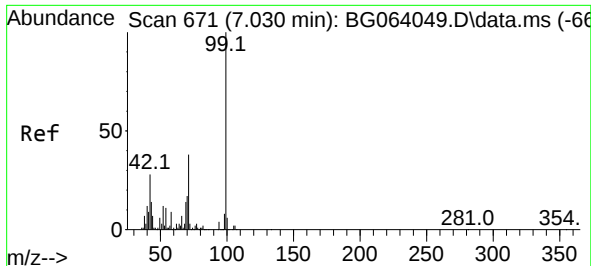
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Supervised By :Jagrut Upadhyay 04/04/2025



#6
Aniline
Concen: 34.308 ng
RT: 7.186 min Scan# 697
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

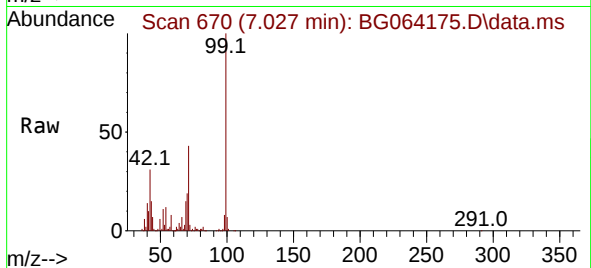
Tgt Ion: 93 Resp: 81316
Ion Ratio Lower Upper
93 100
66 45.0 33.7 50.5
65 22.7 19.1 28.7





#7
Phenol-d6
Concen: 152.895 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

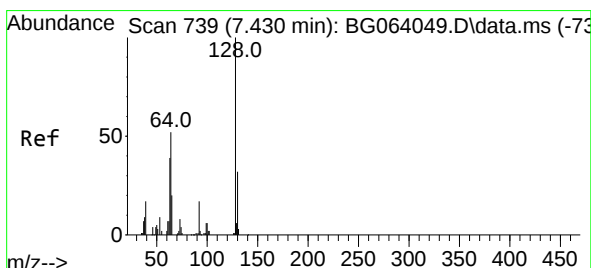
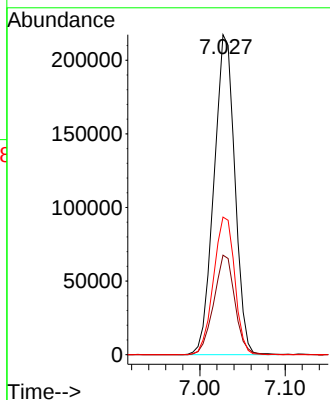
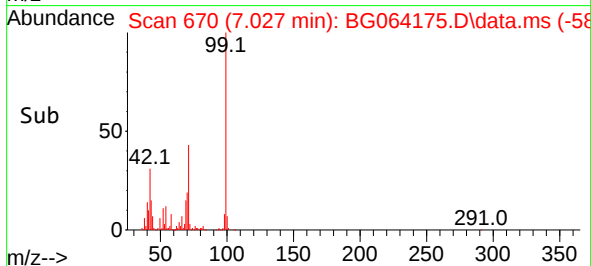
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 36930
Ion Ratio Lower Upper
99 100
42 31.1 22.7 34.1
71 43.0 30.6 46.0

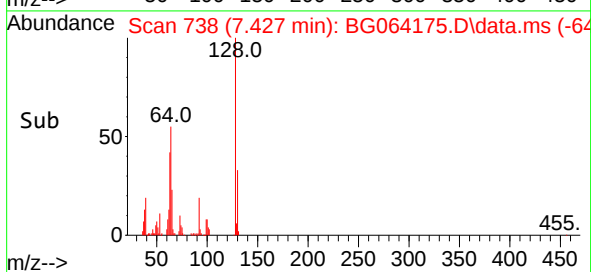
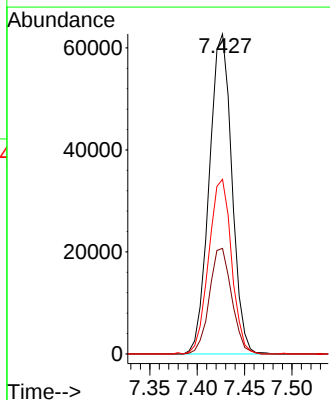
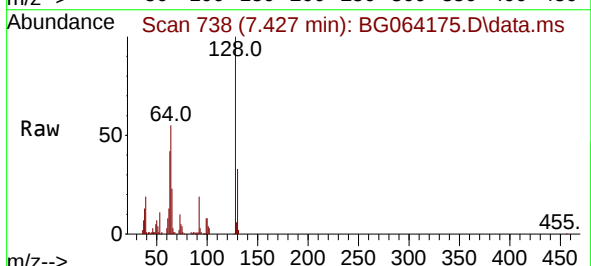
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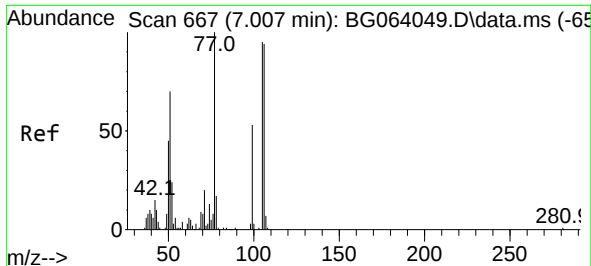
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#8
2-Chlorophenol
Concen: 54.548 ng
RT: 7.427 min Scan# 738
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:128 Resp: 104021
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 54.6 37.0 77.0





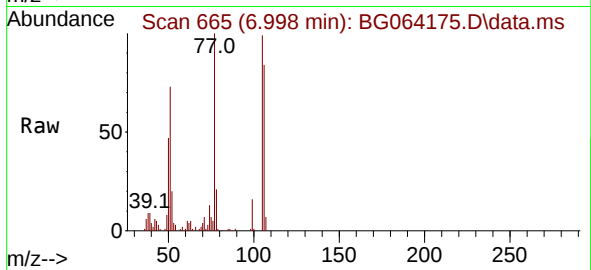
#9
Benzaldehyde
Concen: 42.329 ng
RT: 6.998 min Scan# 665
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS



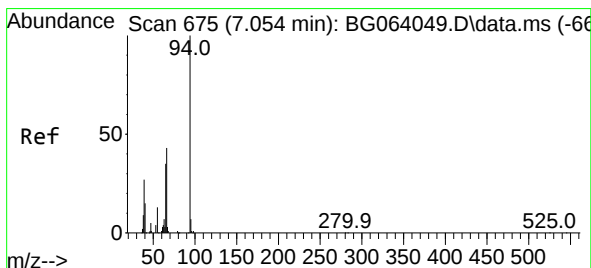
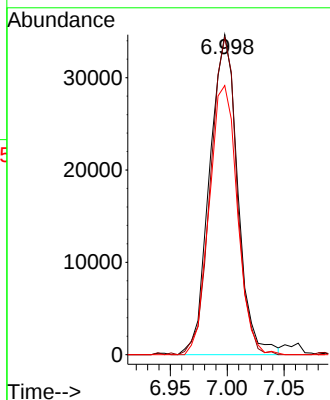
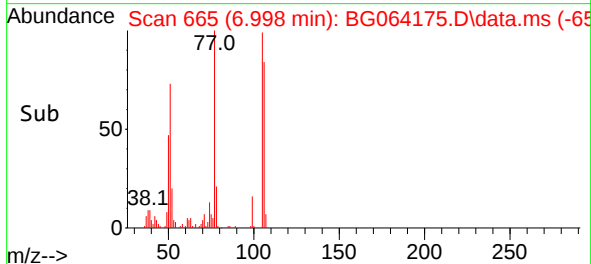
Tgt Ion: 77 Resp: 5946
Ion Ratio Lower Upper
77 100
105 99.1 75.5 115.5
106 84.1 74.2 114.2

Manual Integrations

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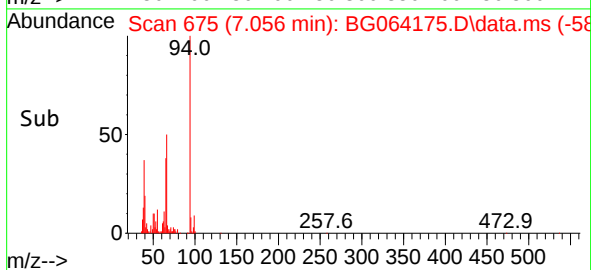
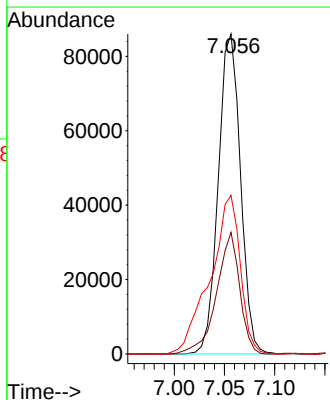
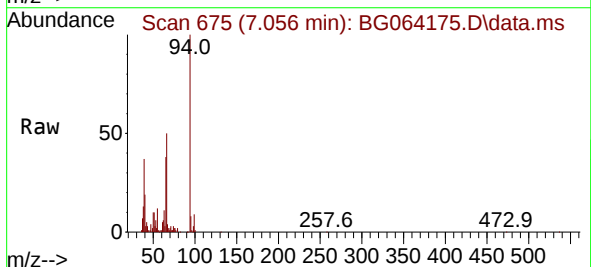
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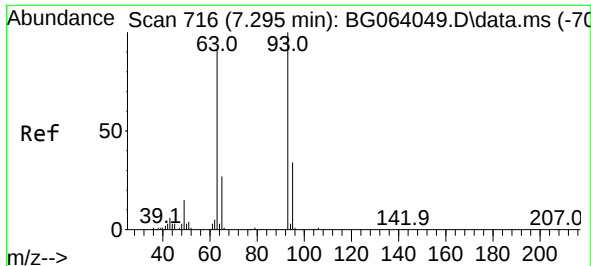
Supervised By :Jagrut Upadhyay 04/04/2025



#10
Phenol
Concen: 53.406 ng
RT: 7.056 min Scan# 675
Delta R.T. 0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

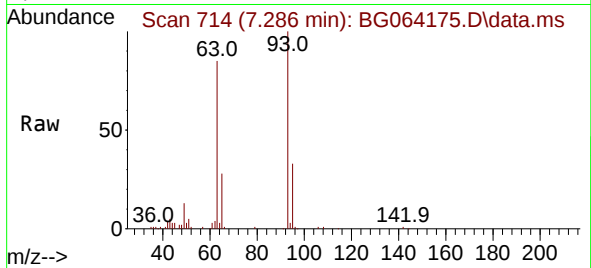
Tgt Ion: 94 Resp: 132073
Ion Ratio Lower Upper
94 100
65 38.0 15.2 55.2
66 49.6 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 46.583 ng
RT: 7.286 min Scan# 716
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

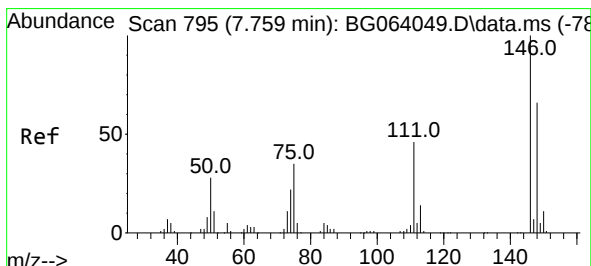
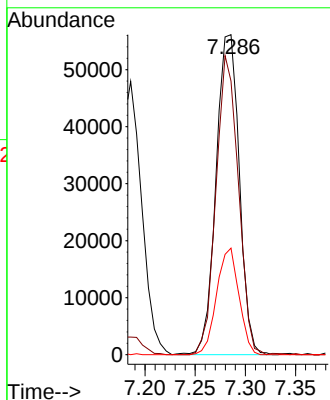
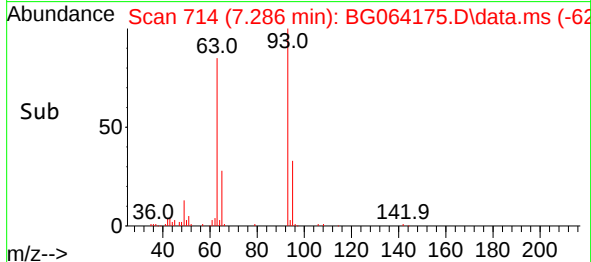
Instrument :
BNA_G
ClientSampleId :
PB167451BS



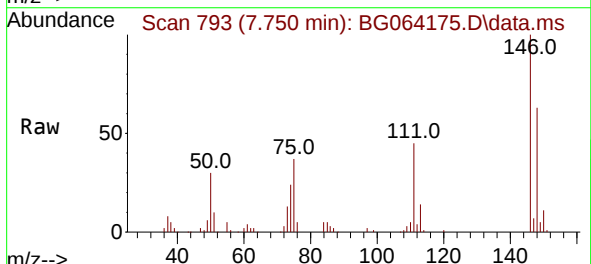
Tgt Ion: 93 Resp: 90315
Ion Ratio Lower Upper
93 100
63 85.5 70.0 110.0
95 33.3 13.7 53.7

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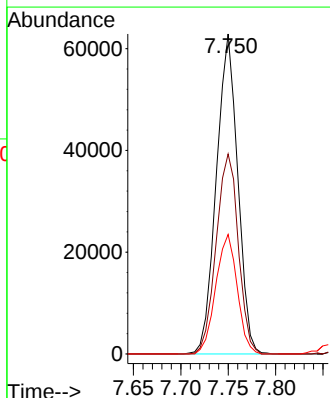
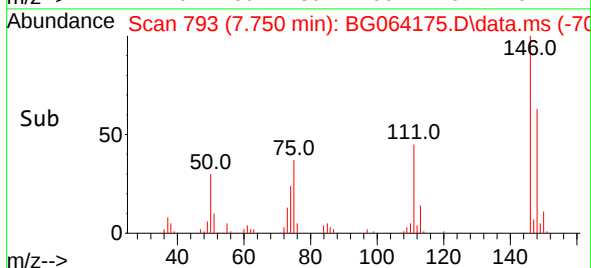
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#12
1,3-Dichlorobenzene
Concen: 47.152 ng
RT: 7.750 min Scan# 793
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38



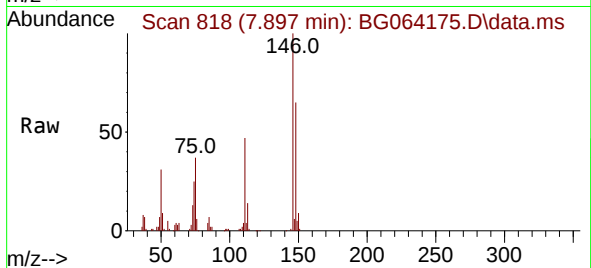
Tgt Ion:146 Resp: 98739
Ion Ratio Lower Upper
146 100
148 62.5 52.6 78.8
75 37.3 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 47.270 ng
RT: 7.897 min Scan# 819
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

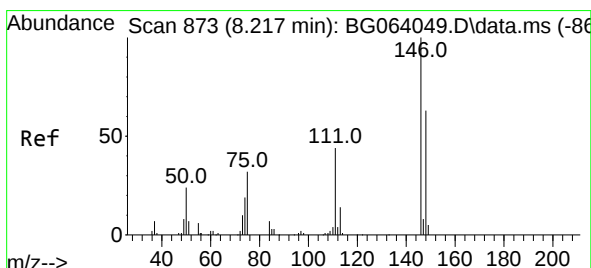
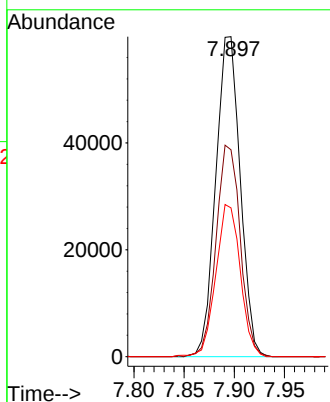
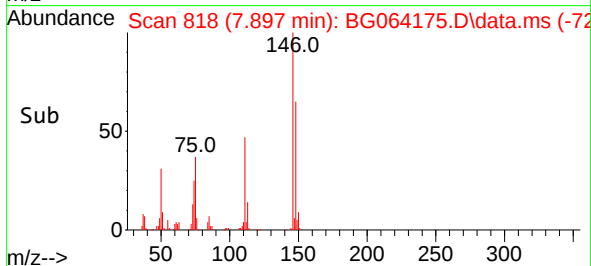
Instrument :
BNA_G
ClientSampleId :
PB167451BS



Tgt Ion:146 Resp: 101460
Ion Ratio Lower Upper
146 100
148 64.7 50.6 75.8
111 46.5 35.1 52.7

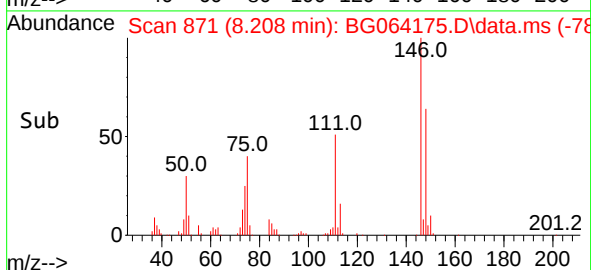
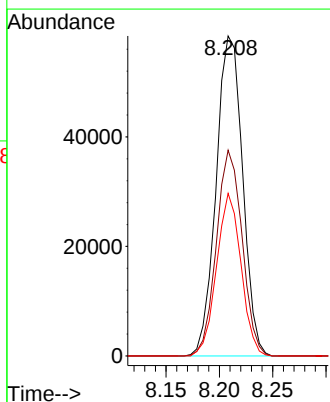
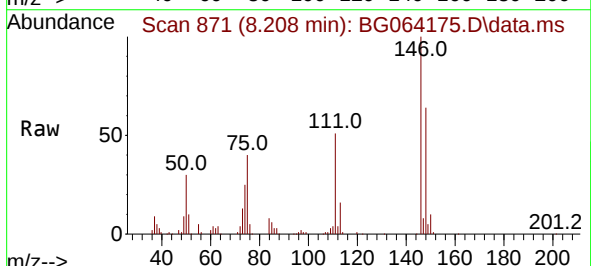
Manual Integrations
APPROVED

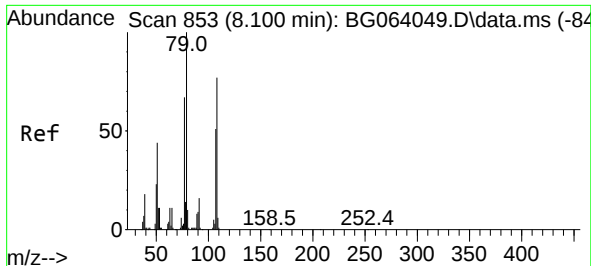
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#14
1,2-Dichlorobenzene
Concen: 48.800 ng
RT: 8.208 min Scan# 871
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

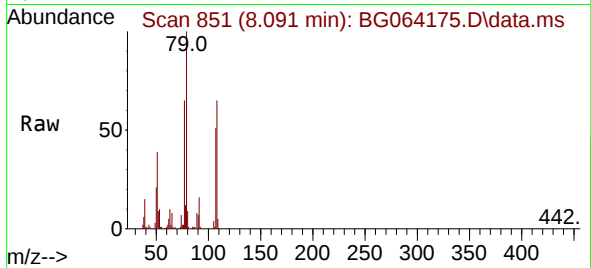
Tgt Ion:146 Resp: 101004
Ion Ratio Lower Upper
146 100
148 64.3 50.2 75.2
111 50.8 36.4 54.6





#15
Benzyl Alcohol
Concen: 55.540 ng
RT: 8.091 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

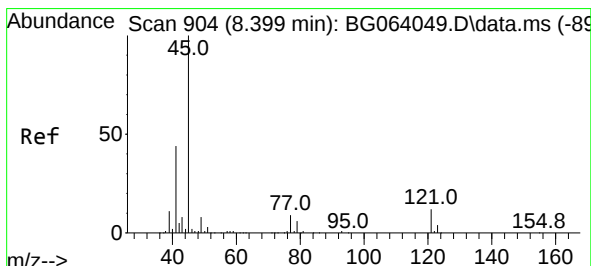
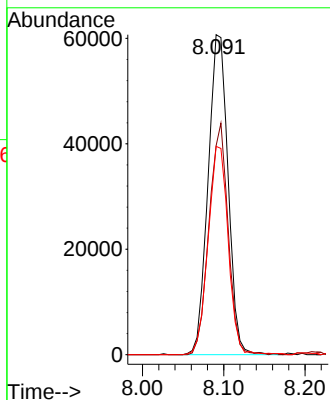
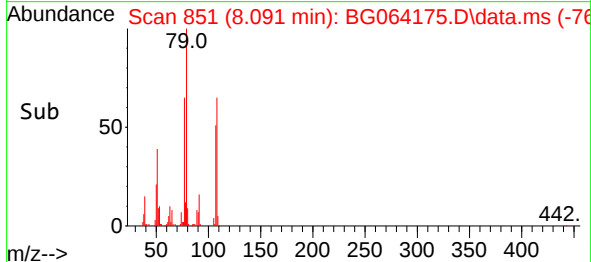
Instrument :
BNA_G
ClientSampleId :
PB167451BS



Tgt Ion: 79 Resp: 10366
Ion Ratio Lower Upper
79 100
108 65.3 61.7 92.5
77 65.1 53.9 80.9

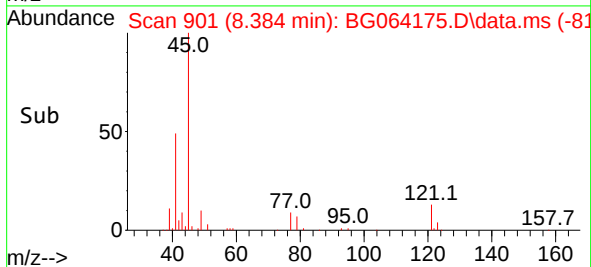
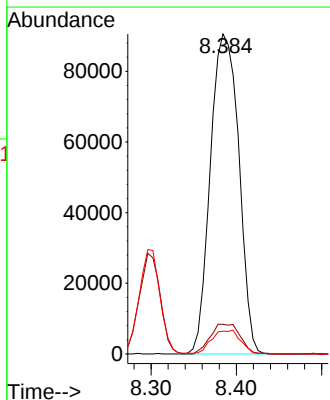
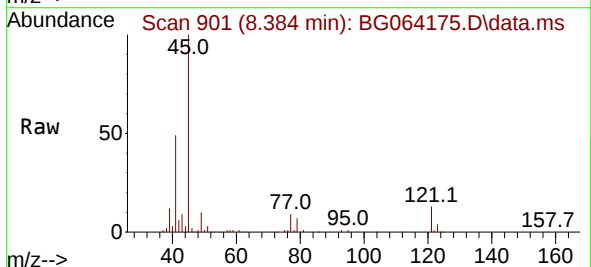
Manual Integrations
APPROVED

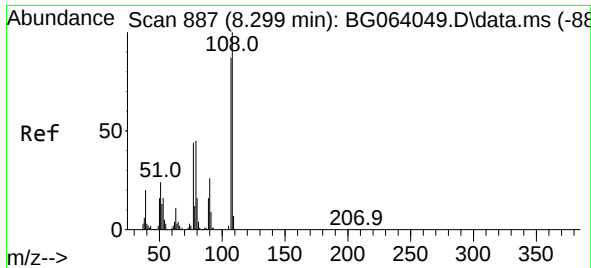
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.138 ng
RT: 8.384 min Scan# 901
Delta R.T. -0.015 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

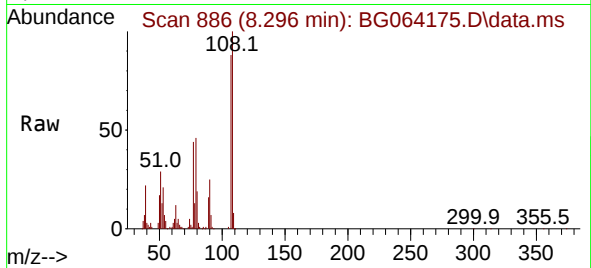
Tgt Ion: 45 Resp: 209856
Ion Ratio Lower Upper
45 100
77 9.2 0.0 29.0
79 7.1 0.0 26.6





#17
2-Methylphenol
Concen: 56.460 ng
RT: 8.296 min Scan# 887
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

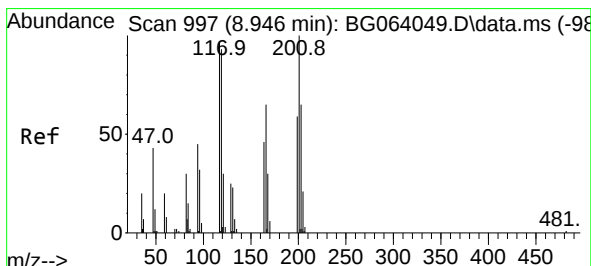
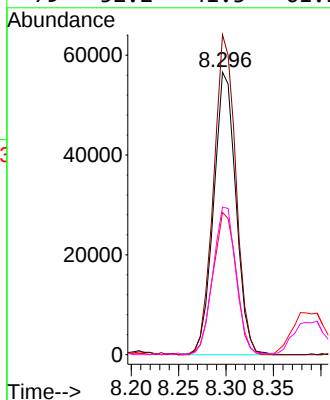
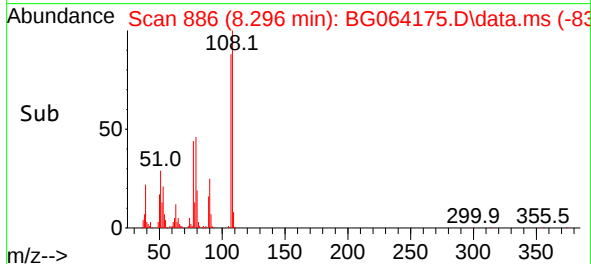
Instrument :
BNA_G
ClientSampleId :
PB167451BS



Tgt Ion:	107	Resp:	9266
Ion Ratio	Lower	Upper	
107	100		
108	113.2	92.5	138.7
77	50.4	40.5	60.7
79	52.2	41.3	61.9

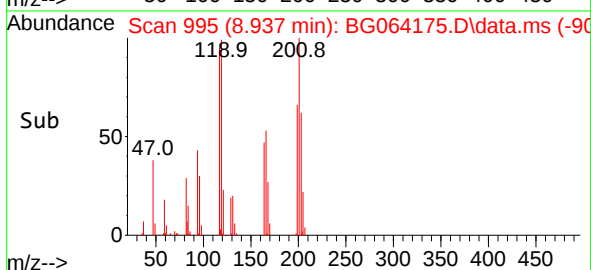
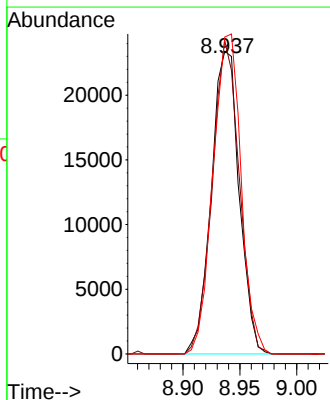
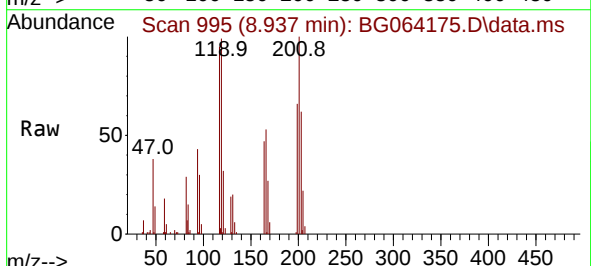
Manual Integrations
APPROVED

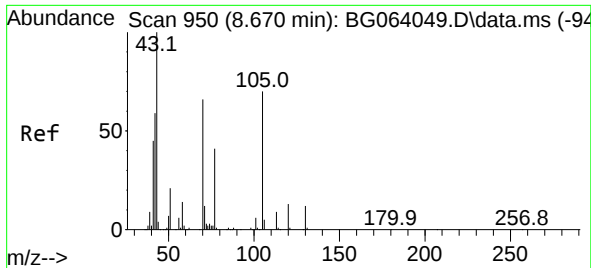
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#18
Hexachloroethane
Concen: 53.115 ng
RT: 8.937 min Scan# 995
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

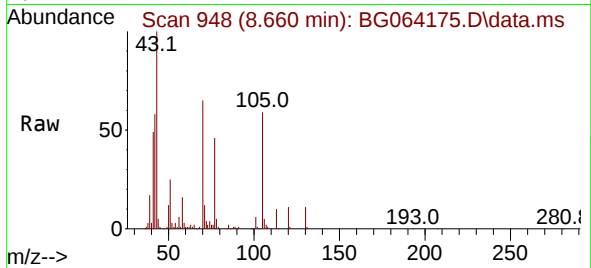
Tgt Ion:	117	Resp:	39888
Ion Ratio	Lower	Upper	
117	100		
119	103.5	76.2	114.2
201	104.7	81.5	122.3





#19
n-Nitroso-di-n-propylamine
Concen: 50.417 ng
RT: 8.660 min Scan# 948
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

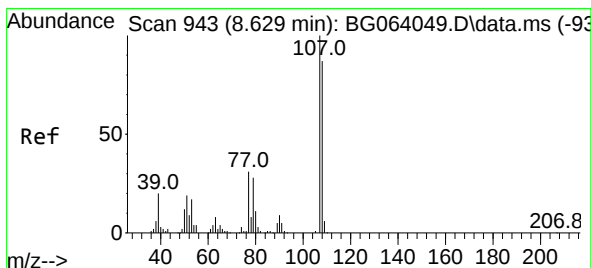
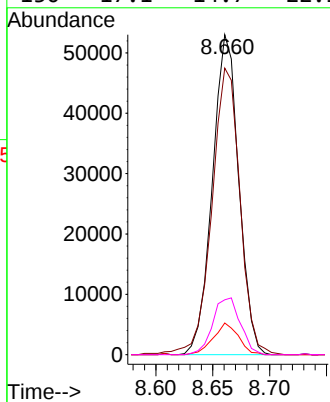
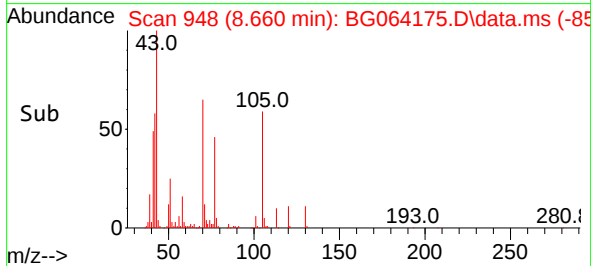
Instrument :
BNA_G
ClientSampleId :
PB167451BS



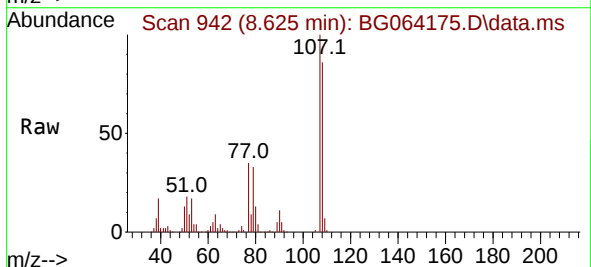
Tgt Ion: 70 Resp: 85464
Ion Ratio Lower Upper
70 100
42 89.6 72.1 108.1
101 9.9 7.2 10.8
130 17.1 14.7 22.1

Manual Integrations
APPROVED

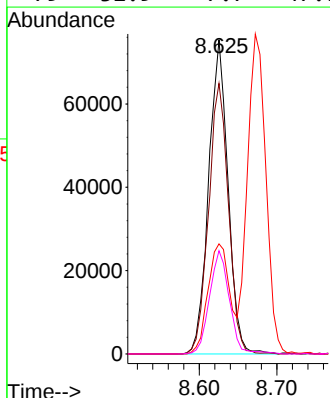
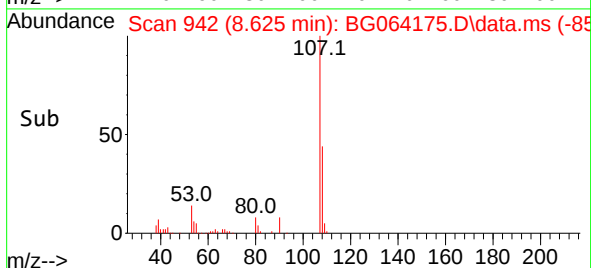
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

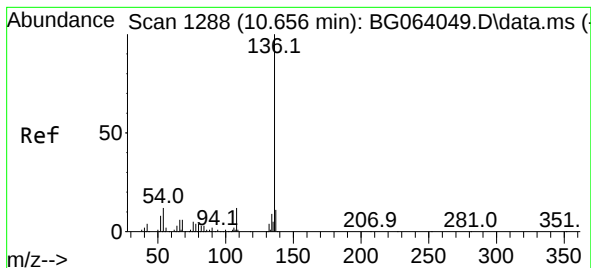


#20
3+4-Methylphenols
Concen: 57.767 ng
RT: 8.625 min Scan# 942
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38



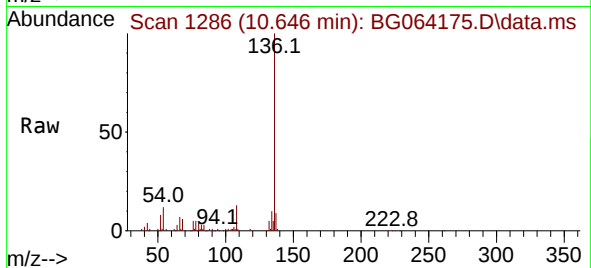
Tgt Ion:107 Resp: 130529
Ion Ratio Lower Upper
107 100
108 86.1 67.0 107.0
77 35.1 11.2 51.2
79 32.9 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1286
Delta R.T. -0.010 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :
BNA_G
ClientSampleId :
PB167451BS

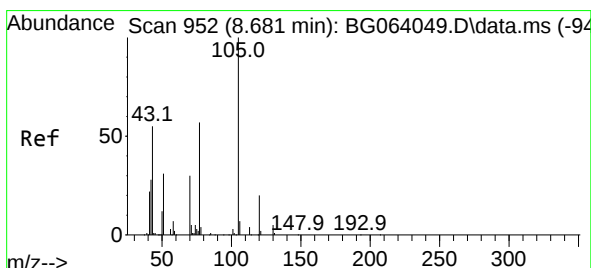
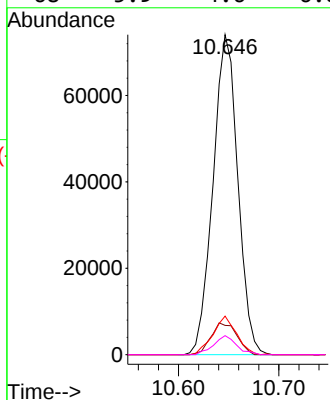
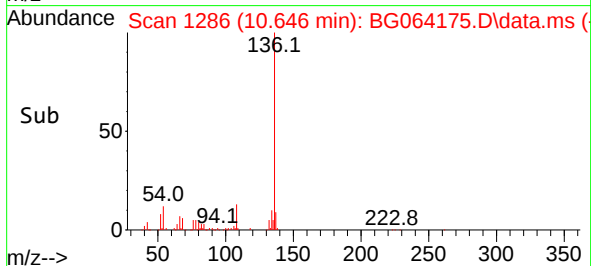


Tgt Ion:136 Resp: 127043

Ion	Ratio	Lower	Upper
136	100		
137	9.2	8.5	12.7
54	12.1	9.9	14.9
68	5.9	4.6	6.8

Manual Integrations
APPROVED

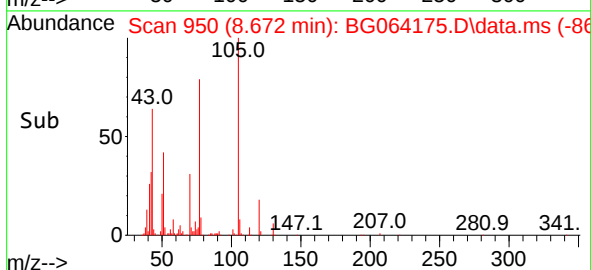
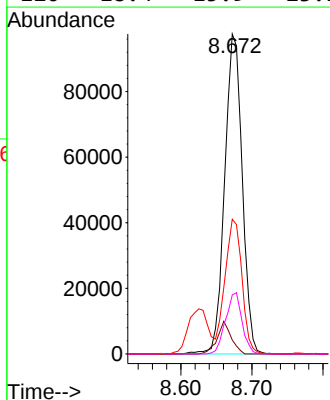
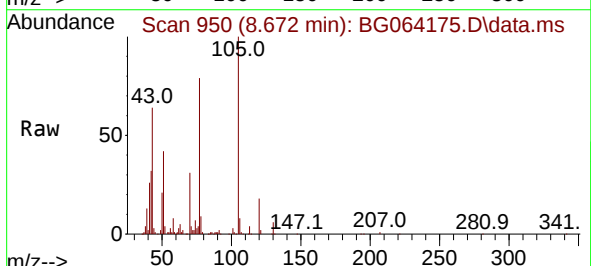
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

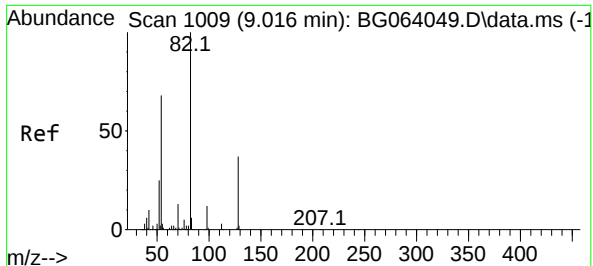


#22
Acetophenone
Concen: 48.026 ng
RT: 8.672 min Scan# 950
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:105 Resp: 167288

Ion	Ratio	Lower	Upper
105	100		
71	4.4	4.2	6.4
51	42.1	33.3	49.9
120	18.4	15.9	23.9





#23
Nitrobenzene-d5
Concen: 109.980 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

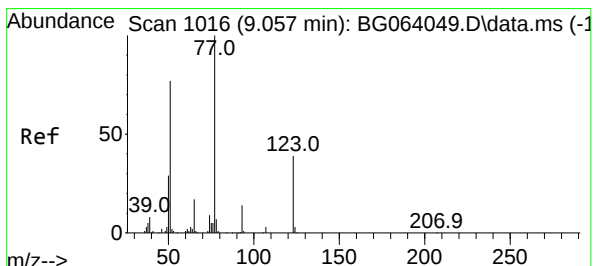
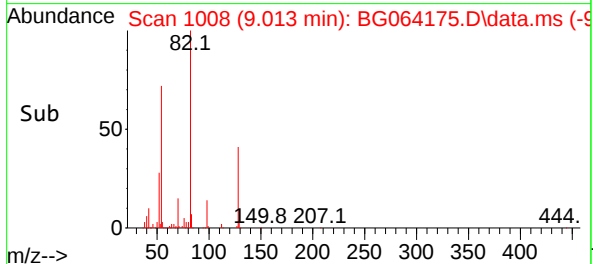
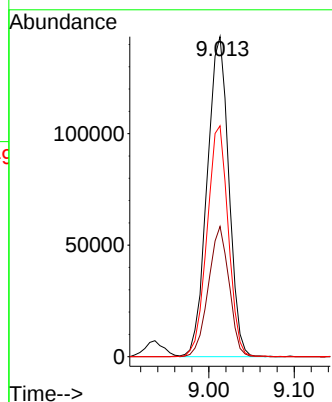
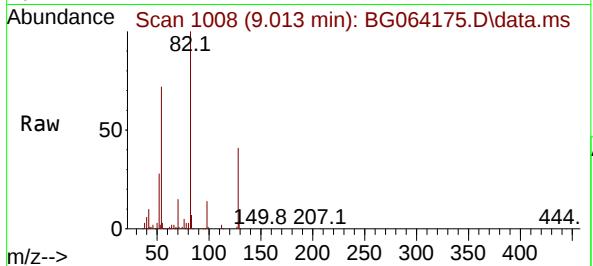
PB167451BS

Tgt Ion: 82 Resp: 252830
Ion Ratio Lower Upper
82 100
128 40.7 30.0 45.0
54 72.2 54.7 82.1

Manual Integrations

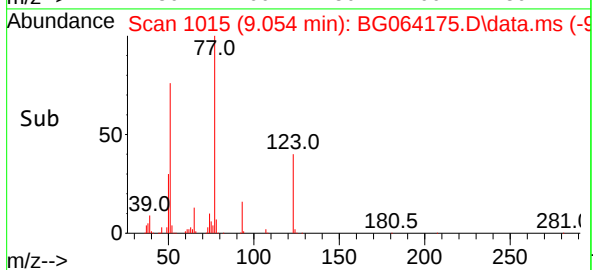
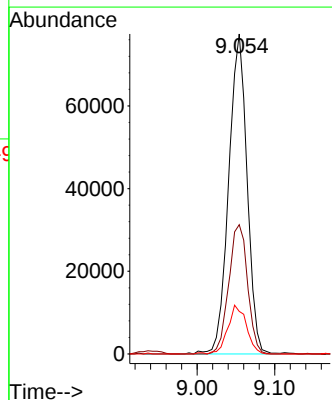
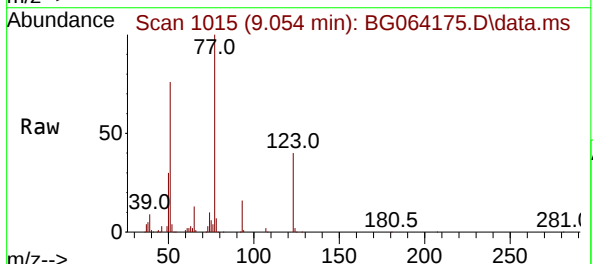
APPROVED

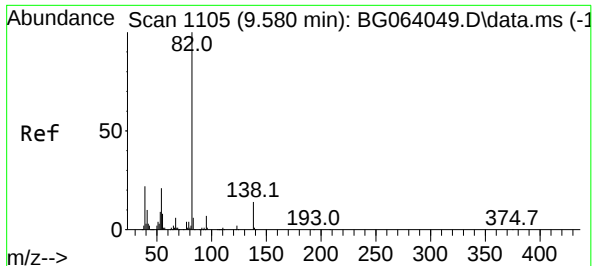
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#24
Nitrobenzene
Concen: 53.672 ng
RT: 9.054 min Scan# 1015
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

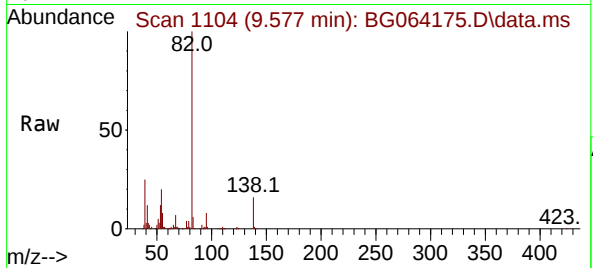
Tgt Ion: 77 Resp: 127515
Ion Ratio Lower Upper
77 100
123 40.4 31.4 47.2
65 13.3 13.4 20.0#





#25
Isophorone
Concen: 52.797 ng
RT: 9.577 min Scan# 1104
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

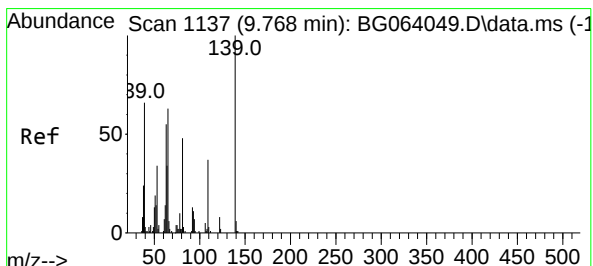
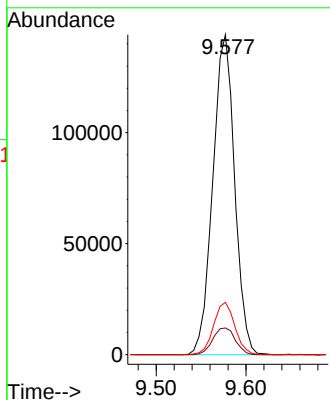
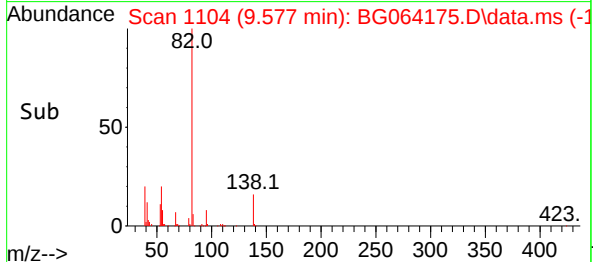
Instrument :
BNA_G
ClientSampleId :
PB167451BS



Tgt Ion: 82 Resp: 242940
Ion Ratio Lower Upper
82 100
95 8.4 5.8 8.8
138 16.3 10.9 16.3

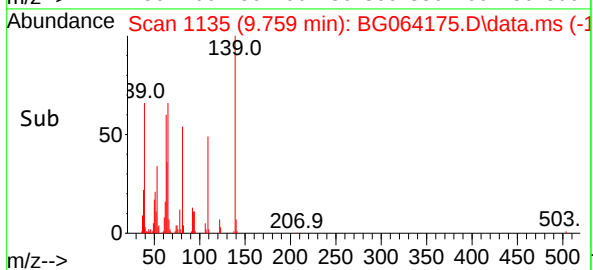
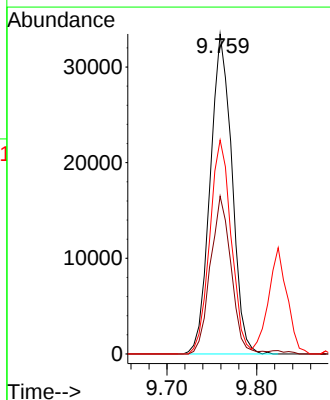
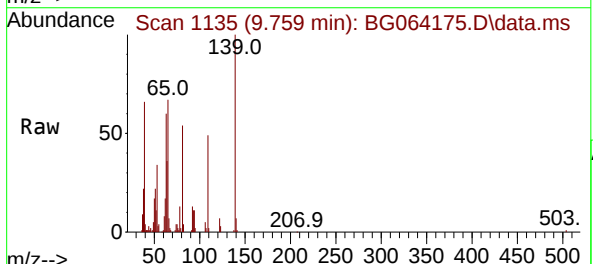
Manual Integrations
APPROVED

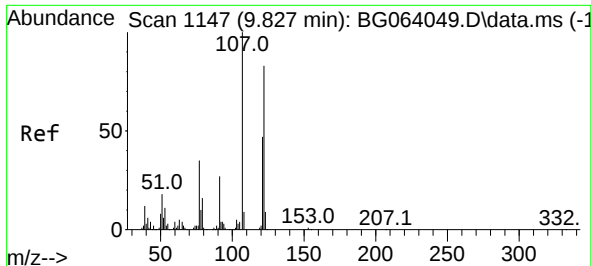
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#26
2-Nitrophenol
Concen: 63.620 ng
RT: 9.759 min Scan# 1135
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:139 Resp: 56117
Ion Ratio Lower Upper
139 100
109 49.3 29.9 44.9#
65 66.8 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 82.542 ng

RT: 9.824 min Scan# 1146

Delta R.T. -0.003 min

Lab File: BG064175.D

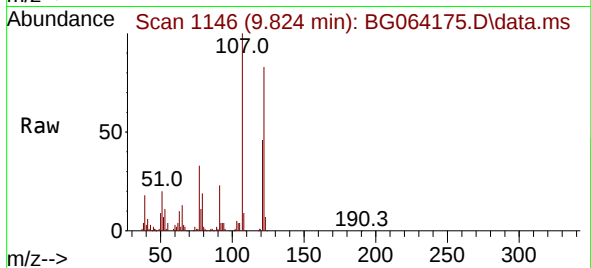
Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS



Tgt Ion:122 Resp: 11386

Ion Ratio Lower Upper

122 100

107 120.5 95.4 143.0

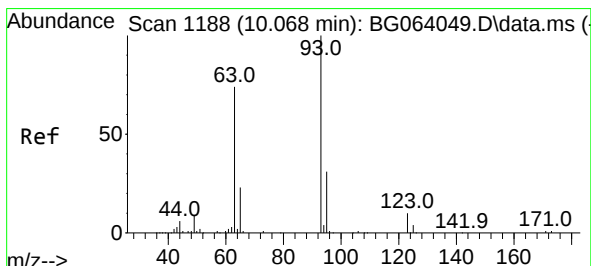
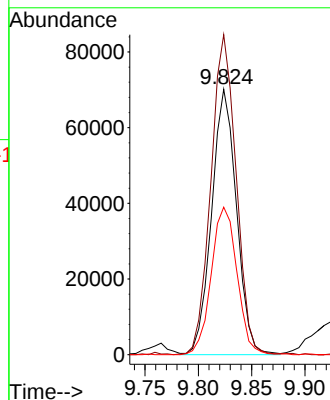
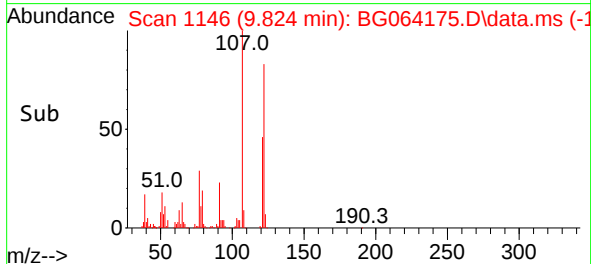
121 55.6 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 49.641 ng

RT: 10.059 min Scan# 1186

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

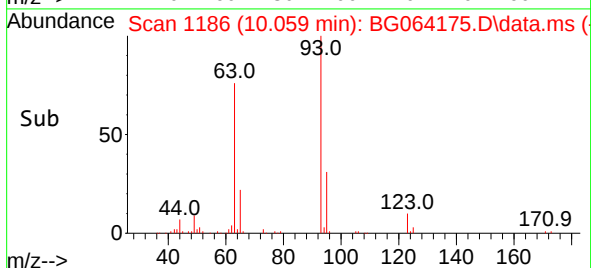
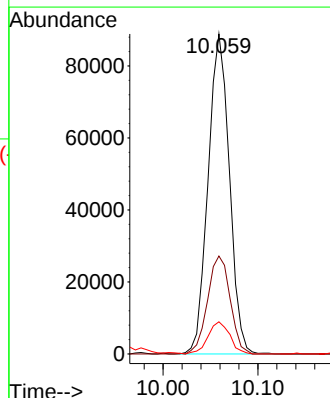
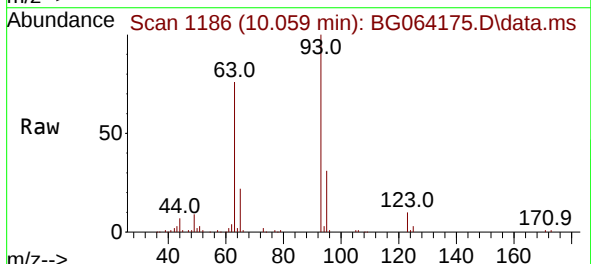
Tgt Ion: 93 Resp: 138485

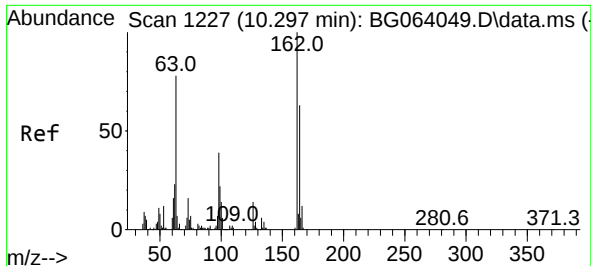
Ion Ratio Lower Upper

93 100

95 30.6 25.0 37.4

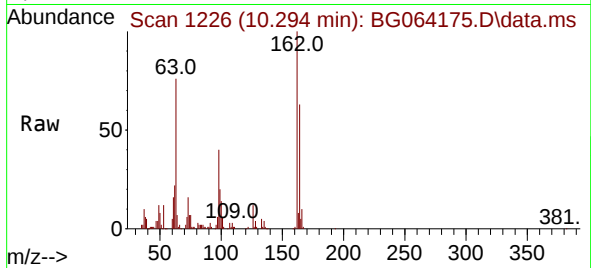
123 10.0 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 60.386 ng
RT: 10.294 min Scan# 1226
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

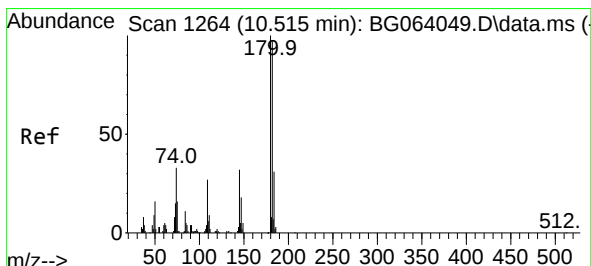
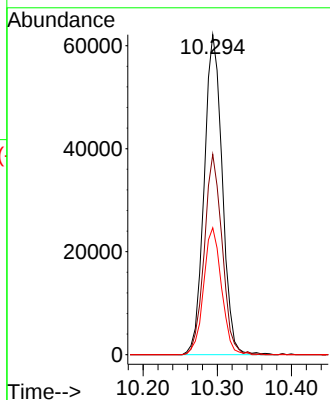
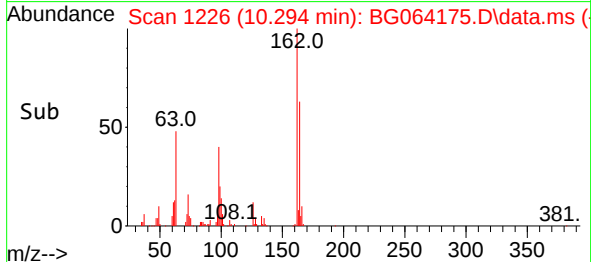
Instrument :
BNA_G
ClientSampleId :
PB167451BS



Tgt Ion:162 Resp: 10518
Ion Ratio Lower Upper
162 100
164 62.6 42.8 82.8
98 39.7 19.1 59.1

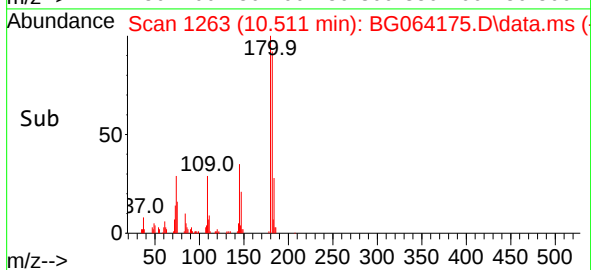
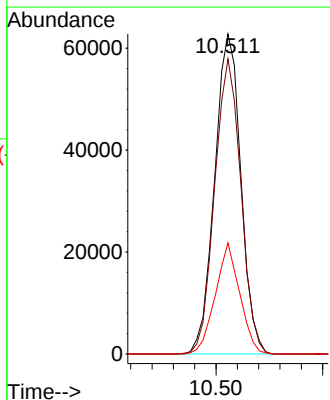
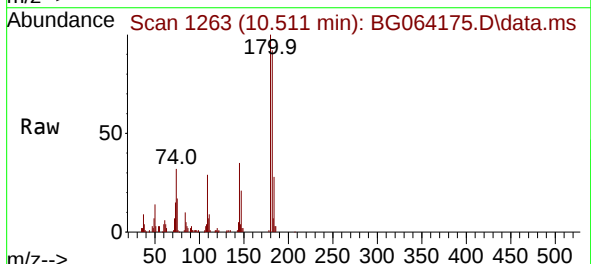
Manual Integrations
APPROVED

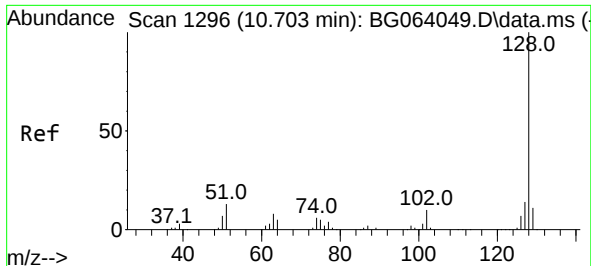
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#30
1,2,4-Trichlorobenzene
Concen: 50.900 ng
RT: 10.511 min Scan# 1263
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

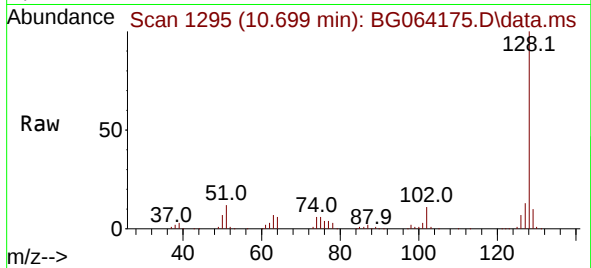
Tgt Ion:180 Resp: 107026
Ion Ratio Lower Upper
180 100
182 92.2 77.3 115.9
145 34.7 25.2 37.8





#31
Naphthalene
Concen: 48.686 ng
RT: 10.699 min Scan# 1172
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

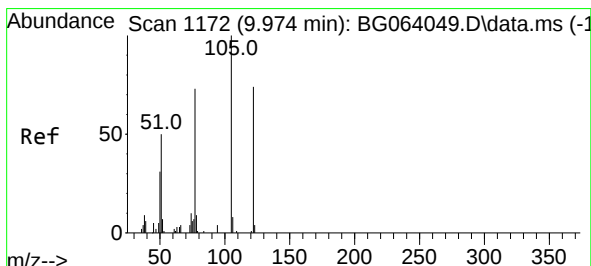
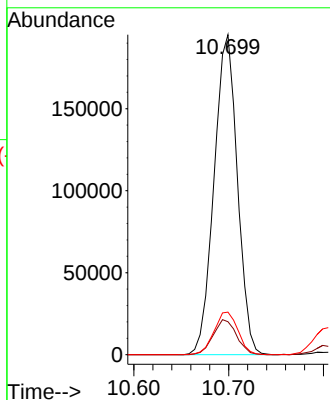
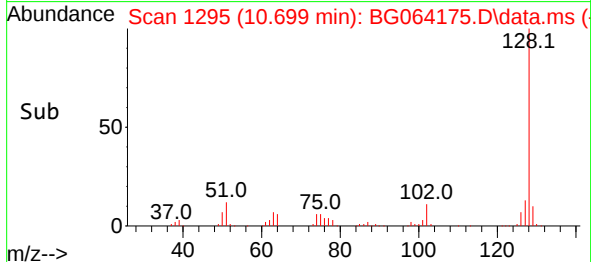
Instrument :
BNA_G
ClientSampleId :
PB167451BS



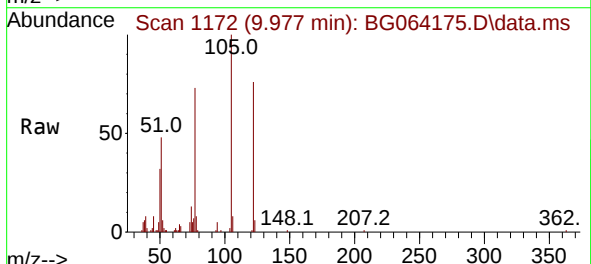
Tgt Ion:128 Resp: 333528
Ion Ratio Lower Upper
128 100
129 10.3 8.4 12.6
127 13.3 11.1 16.7

Manual Integrations
APPROVED

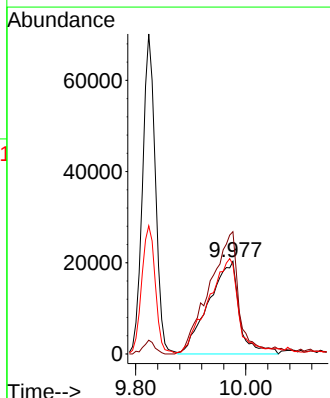
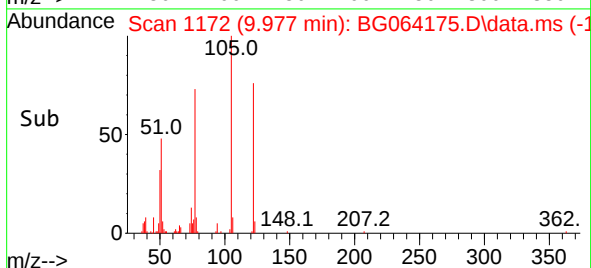
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

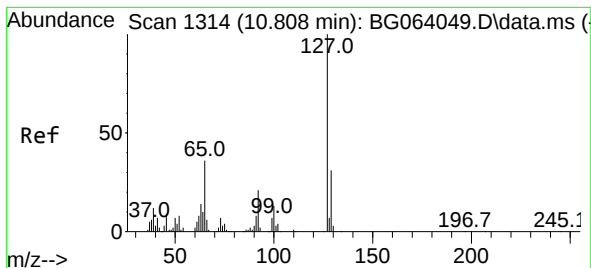


#32
Benzoic acid
Concen: 59.641 ng
RT: 9.977 min Scan# 1172
Delta R.T. 0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38



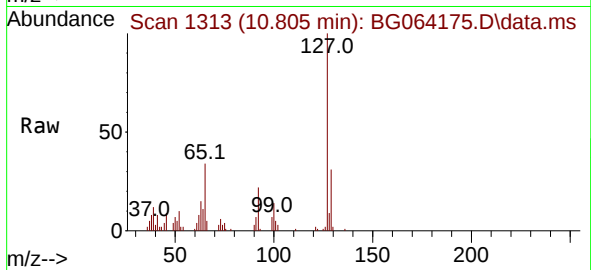
Tgt Ion:122 Resp: 78807
Ion Ratio Lower Upper
122 100
105 132.2 115.0 155.0
77 96.7 80.9 120.9





#33
4-Chloroaniline
Concen: 12.319 ng
RT: 10.805 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

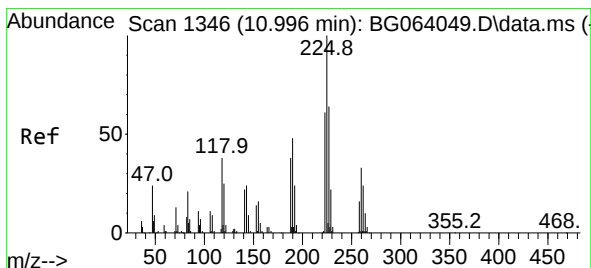
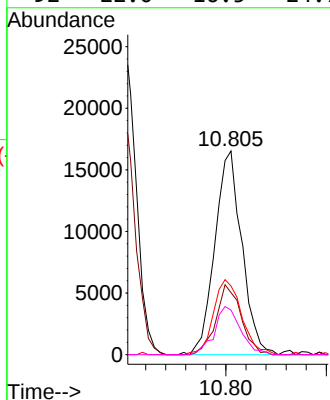
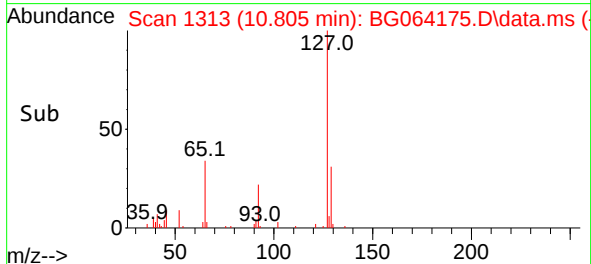
Instrument :
BNA_G
ClientSampleId :
PB167451BS



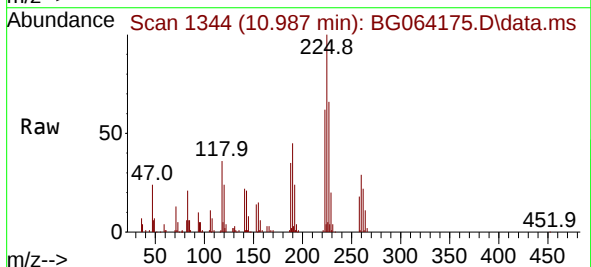
Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.0	37.4
65	33.7	28.5	42.7
92	22.0	16.5	24.7

Manual Integrations
APPROVED

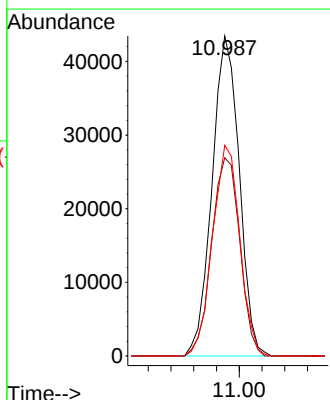
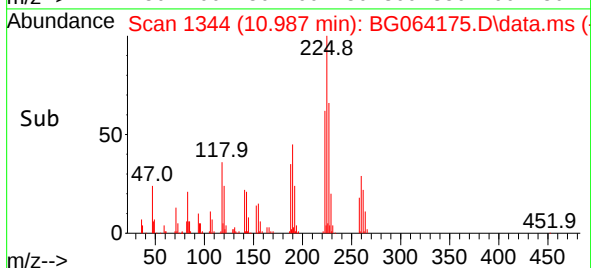
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

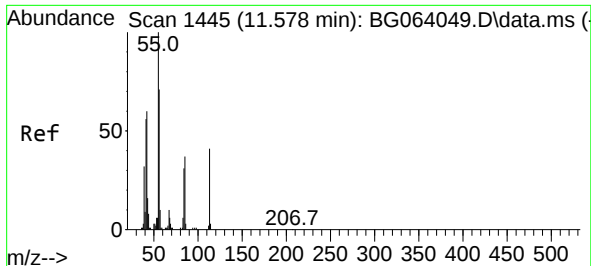


#34
Hexachlorobutadiene
Concen: 52.355 ng
RT: 10.987 min Scan# 1344
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38



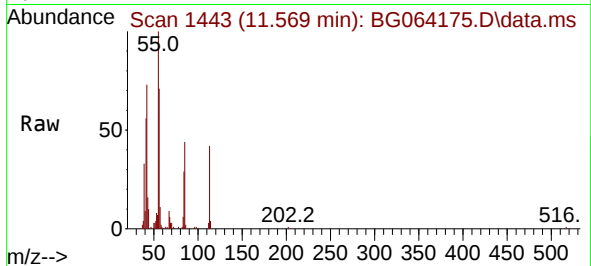
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.5	72.7
227	69.3	51.0	76.6





#35
Caprolactam
Concen: 57.596 ng m
RT: 11.569 min Scan# 1445
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

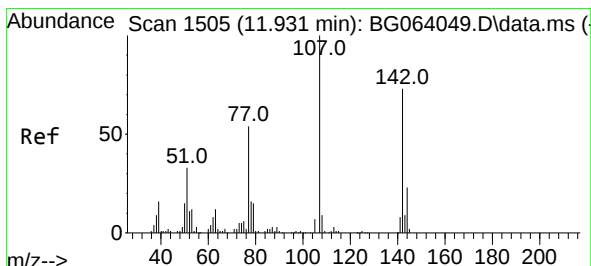
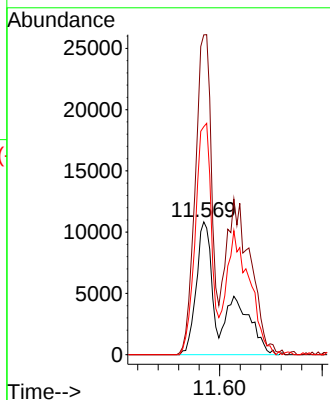
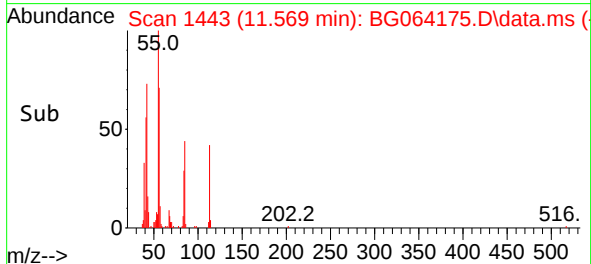
Instrument :
BNA_G
ClientSampleId :
PB167451BS



Tgt Ion:113 Resp: 3844
Ion Ratio Lower Upper
113 100
55 240.9 225.2 265.2
56 171.8 153.4 193.4

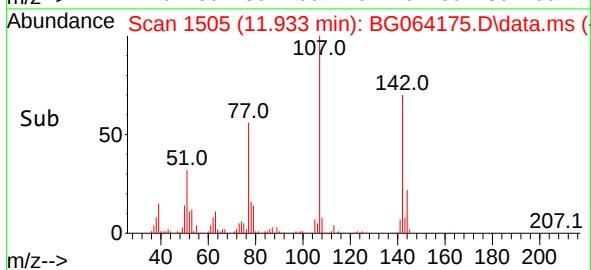
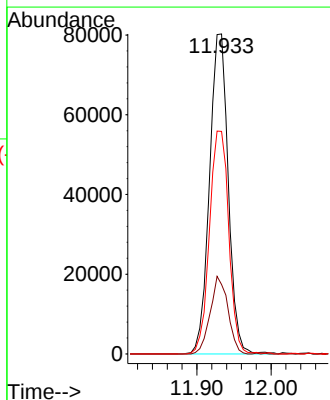
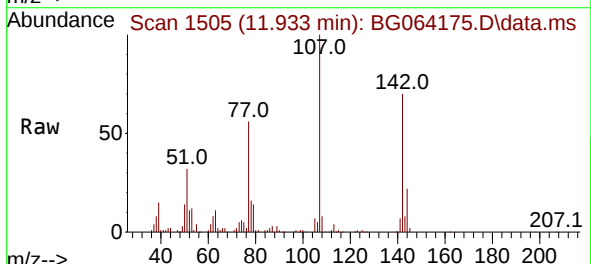
Manual Integrations
APPROVED

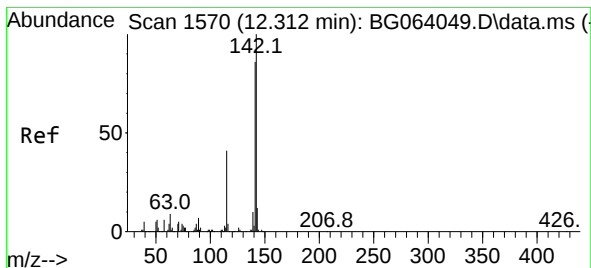
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#36
4-Chloro-3-methylphenol
Concen: 61.757 ng
RT: 11.933 min Scan# 1505
Delta R.T. 0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

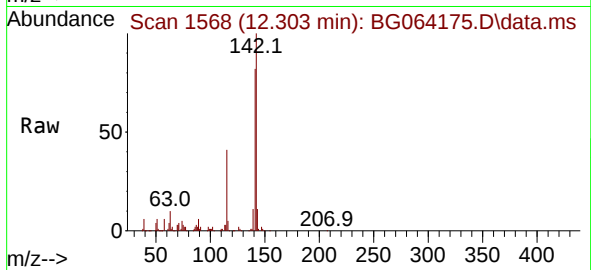
Tgt Ion:107 Resp: 141004
Ion Ratio Lower Upper
107 100
144 21.7 18.6 28.0
142 69.5 58.0 87.0





#37
2-Methylnaphthalene
Concen: 46.937 ng
RT: 12.303 min Scan# 1568
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

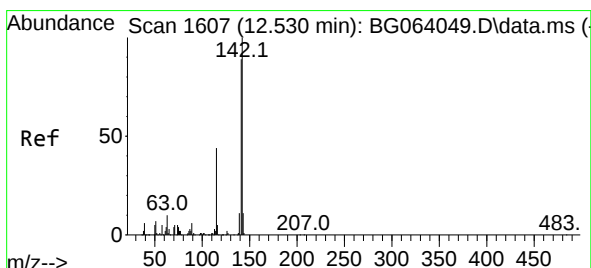
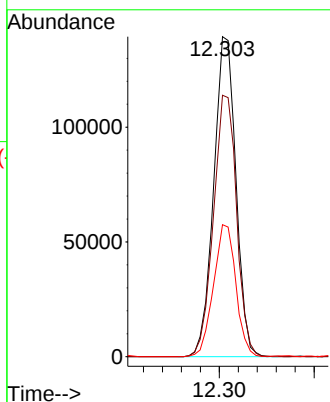
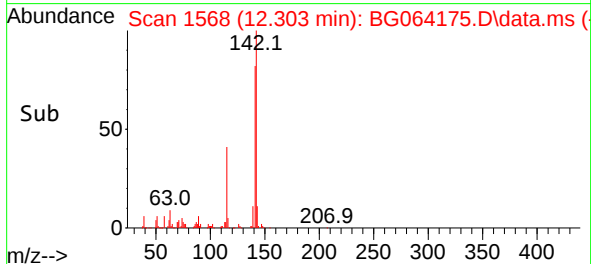
Instrument :
BNA_G
ClientSampleId :
PB167451BS



Tgt Ion:142 Resp: 226997
Ion Ratio Lower Upper
142 100
141 81.7 68.6 103.0
115 41.3 32.8 49.2

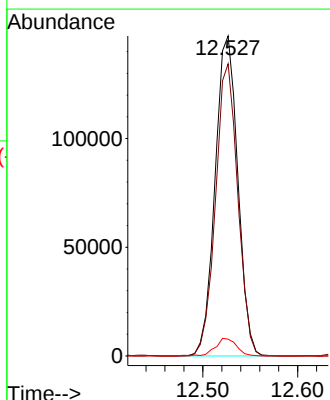
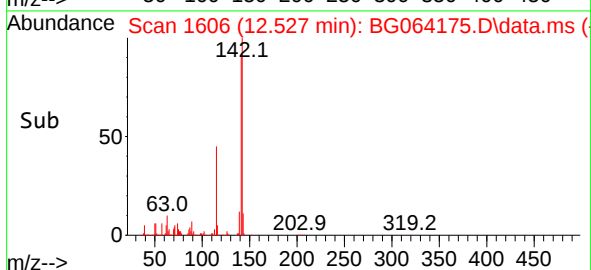
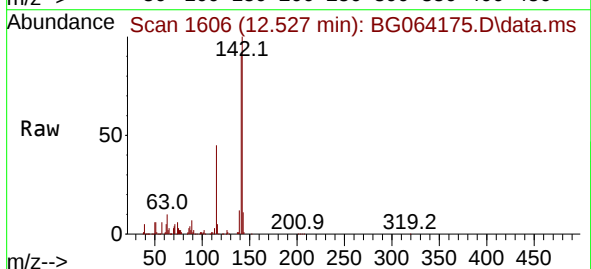
Manual Integrations
APPROVED

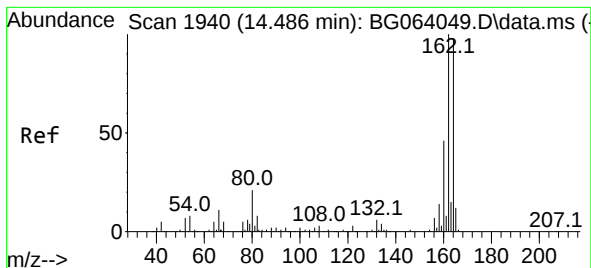
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#38
1-Methylnaphthalene
Concen: 51.718 ng
RT: 12.527 min Scan# 1606
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:142 Resp: 245040
Ion Ratio Lower Upper
142 100
141 91.3 71.2 106.8
116 5.2 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: BG064175.D

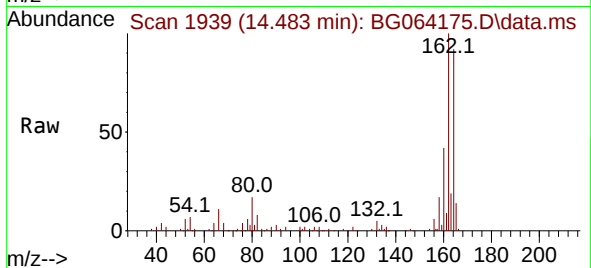
Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS



Tgt Ion:164 Resp: 9922

Ion Ratio Lower Upper

164 100

162 108.4 81.4 122.0

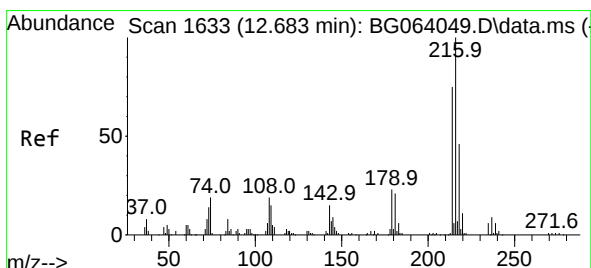
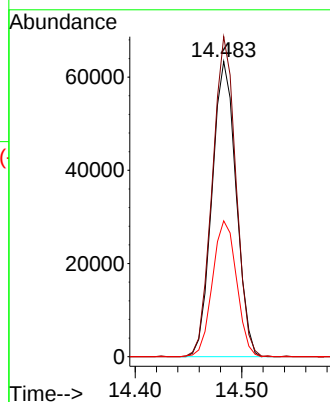
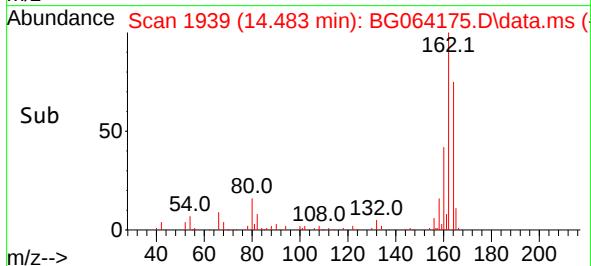
160 46.0 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.673 ng

RT: 12.679 min Scan# 1632

Delta R.T. -0.003 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Tgt Ion:216 Resp: 135050

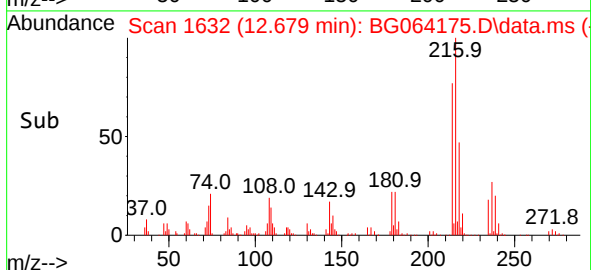
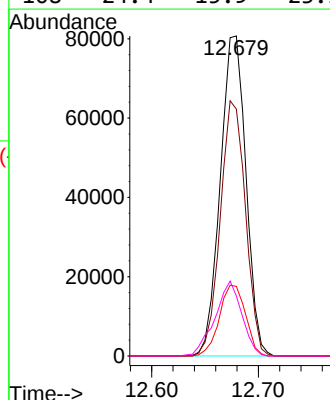
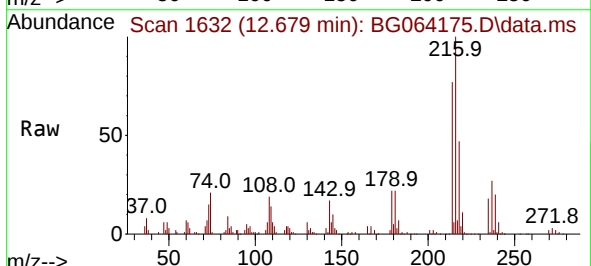
Ion Ratio Lower Upper

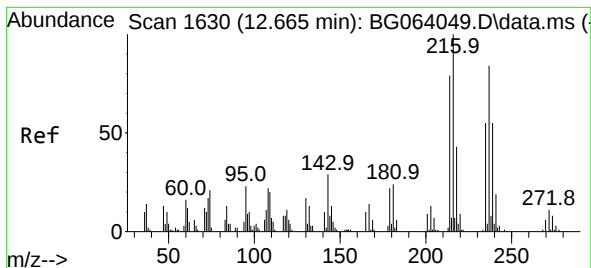
216 100

214 78.2 61.7 92.5

179 22.5 17.9 26.9

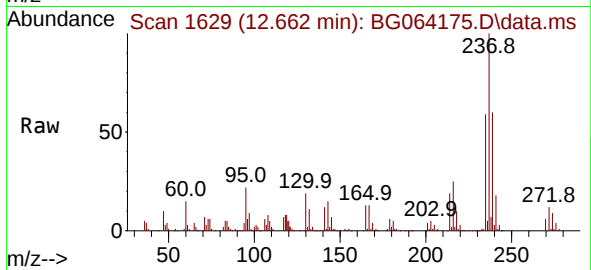
108 24.4 15.9 23.9#





#41
Hexachlorocyclopentadiene
Concen: 252.069 ng
RT: 12.662 min Scan# 1629
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

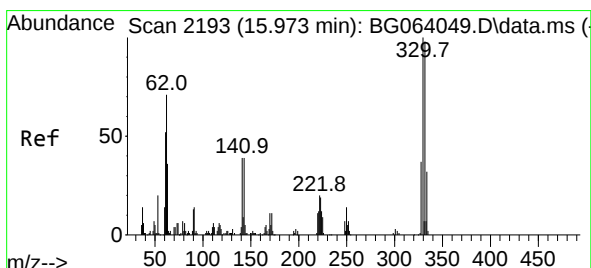
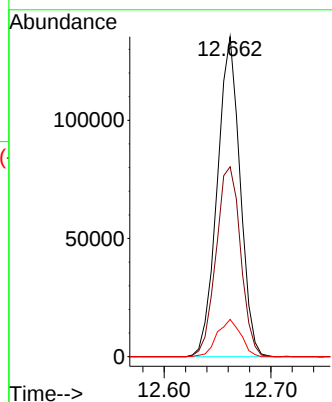
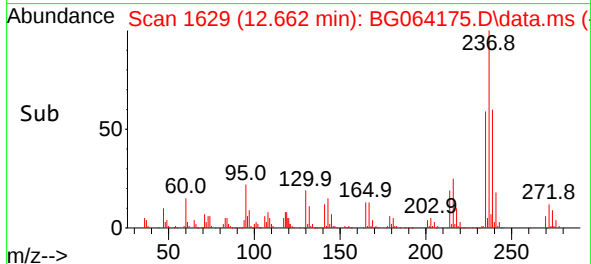
Instrument :
BNA_G
ClientSampleId :
PB167451BS



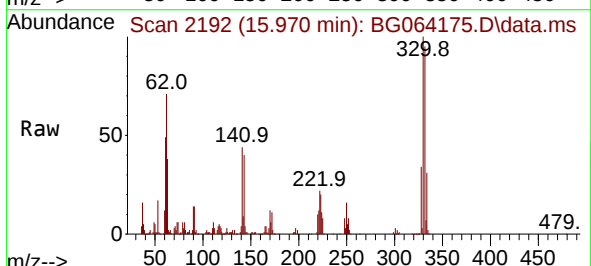
Tgt Ion:237 Resp: 200978
Ion Ratio Lower Upper
237 100
235 59.3 46.0 86.0
272 11.7 0.0 32.8

Manual Integrations
APPROVED

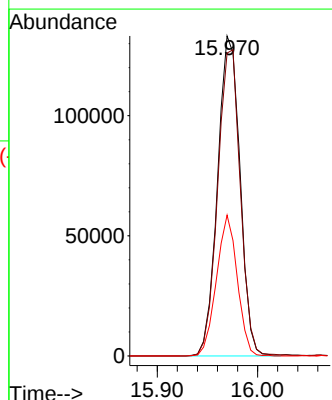
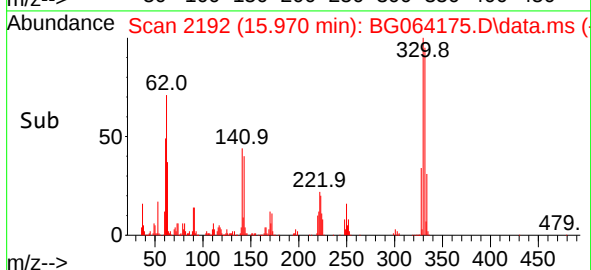
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

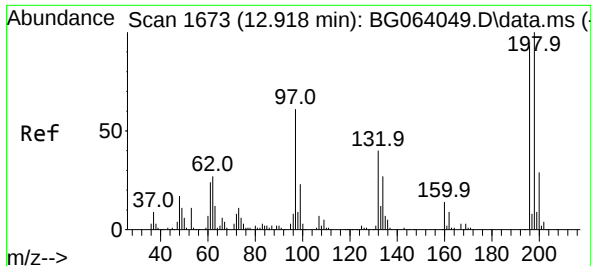


#42
2,4,6-Tribromophenol
Concen: 187.063 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38



Tgt Ion:330 Resp: 206326
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 40.9 29.7 44.5





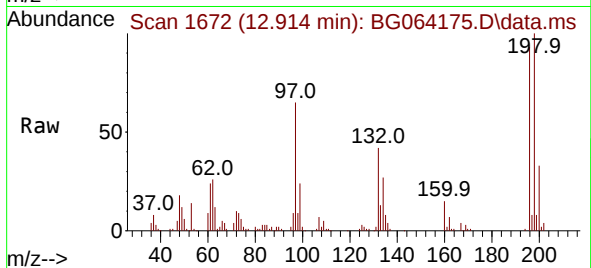
#43
2,4,6-Trichlorophenol
Concen: 57.356 ng
RT: 12.914 min Scan# 1672
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS

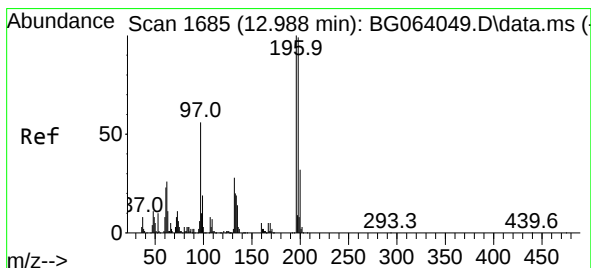
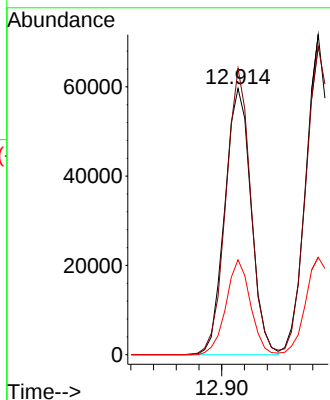
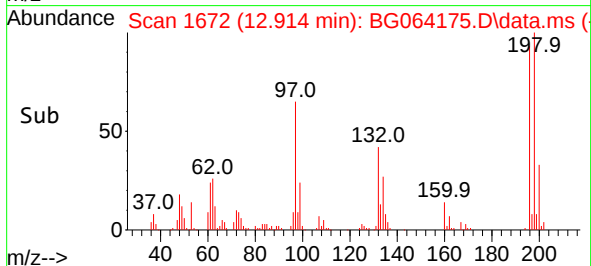


Tgt Ion:196 Resp: 9576
Ion Ratio Lower Upper
196 100
198 107.5 85.6 128.4
200 35.7 24.6 37.0

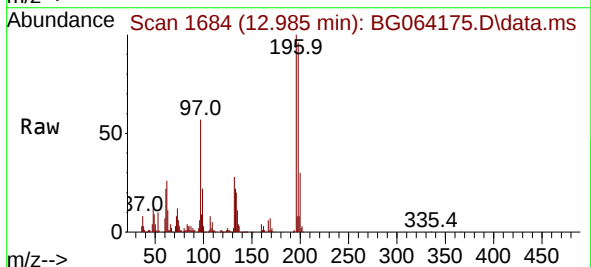
Manual Integrations

APPROVED

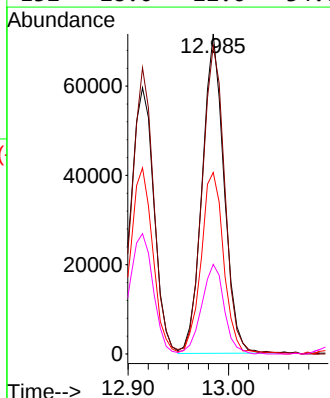
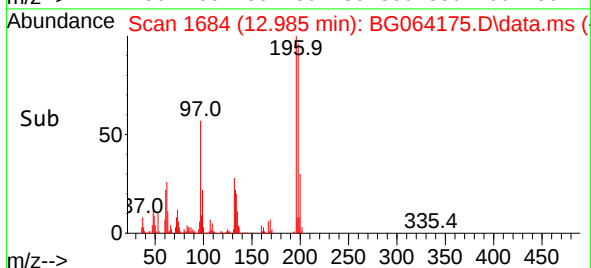
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

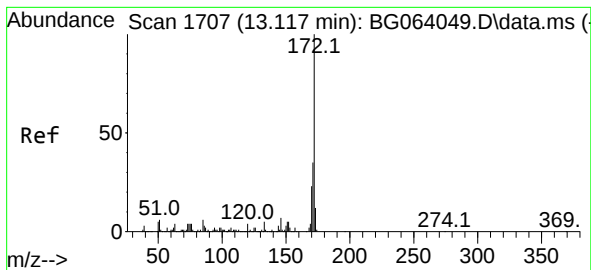


#44
2,4,5-Trichlorophenol
Concen: 58.352 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38



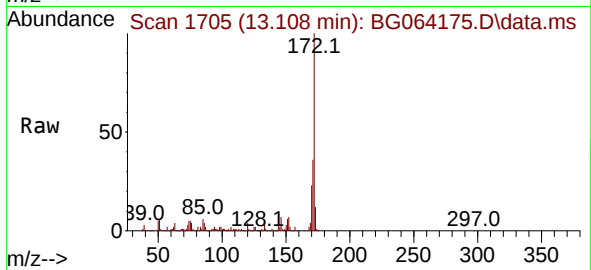
Tgt Ion:196 Resp: 108252
Ion Ratio Lower Upper
196 100
198 96.3 79.5 119.3
97 56.7 45.2 67.8
132 28.0 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 95.716 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

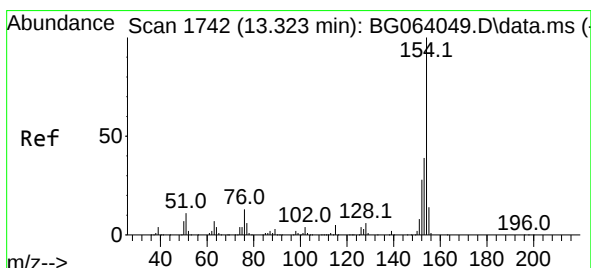
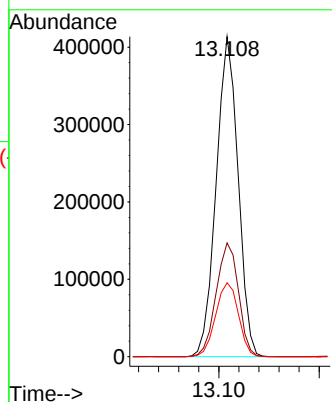
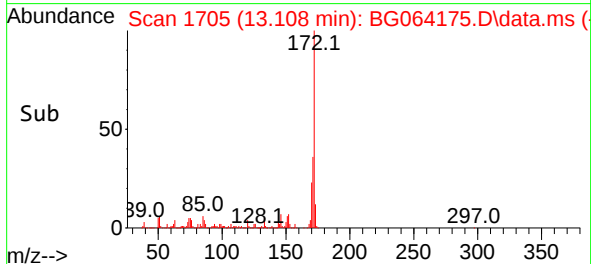
Instrument :
BNA_G
ClientSampleId :
PB167451BS



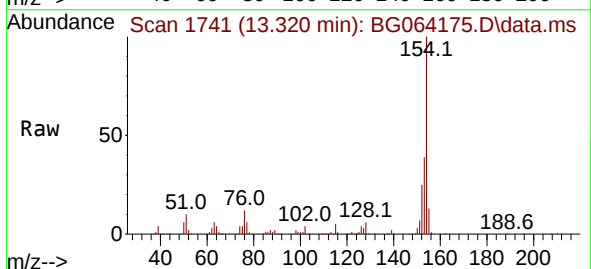
Tgt Ion:172 Resp: 625714
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.1 18.7 28.1

Manual Integrations
APPROVED

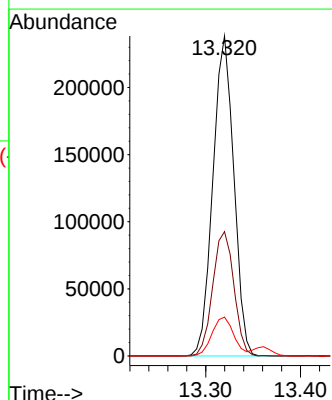
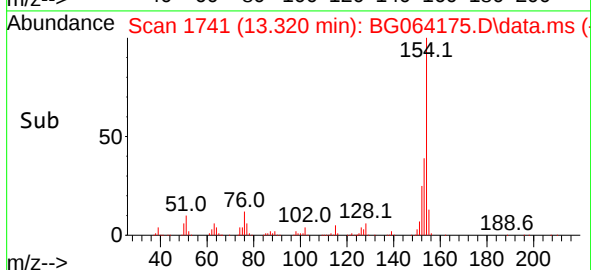
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

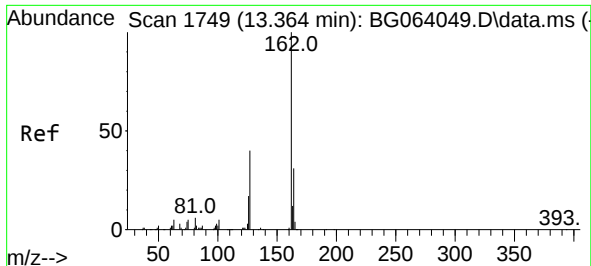


#46
1,1'-Biphenyl
Concen: 48.625 ng
RT: 13.320 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38



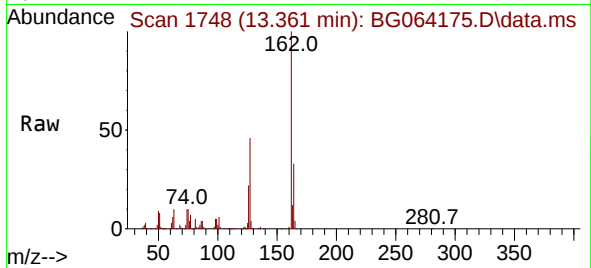
Tgt Ion:154 Resp: 364524
Ion Ratio Lower Upper
154 100
153 38.9 19.5 59.5
76 12.2 0.0 33.5





#47
2-Chloronaphthalene
Concen: 48.745 ng
RT: 13.361 min Scan# 1748
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

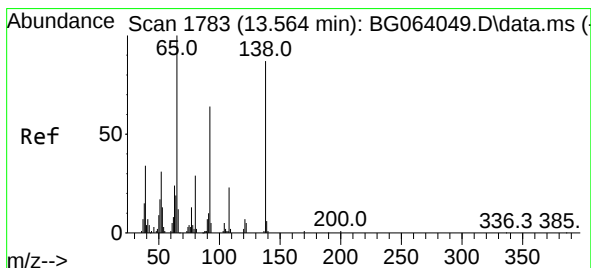
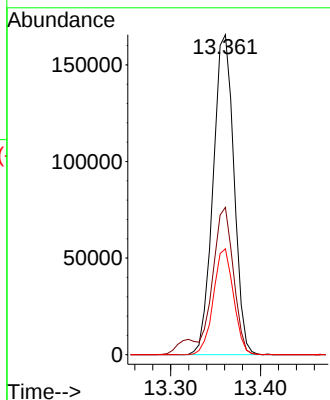
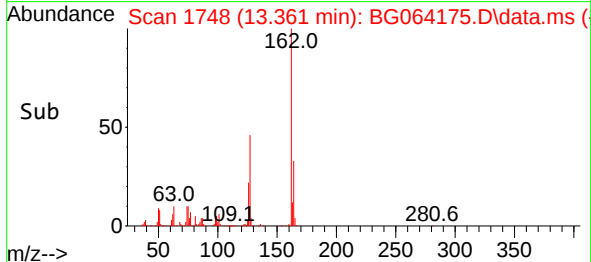
Instrument :
BNA_G
ClientSampleId :
PB167451BS



Tgt Ion:162 Resp: 266510
Ion Ratio Lower Upper
162 100
127 46.0 35.0 52.4
164 33.1 25.0 37.6

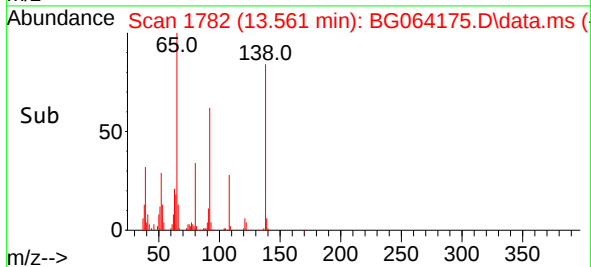
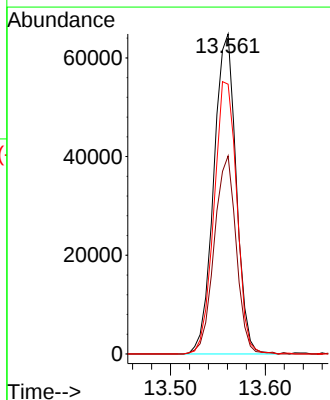
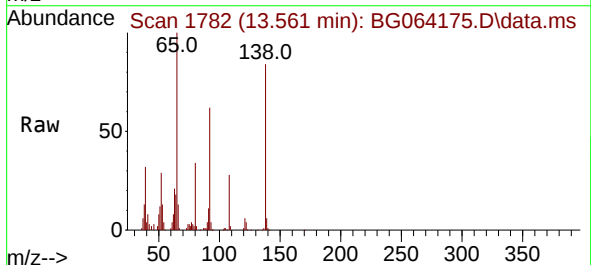
Manual Integrations
APPROVED

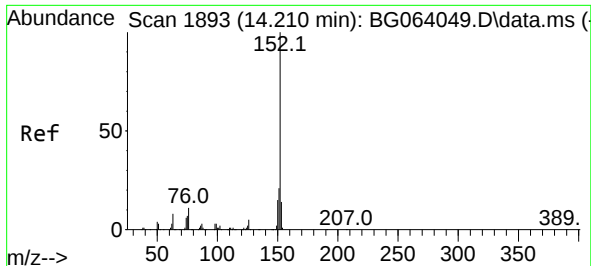
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#48
2-Nitroaniline
Concen: 56.697 ng
RT: 13.561 min Scan# 1782
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion: 65 Resp: 106702
Ion Ratio Lower Upper
65 100
92 61.9 51.2 76.8
138 84.3 69.4 104.2





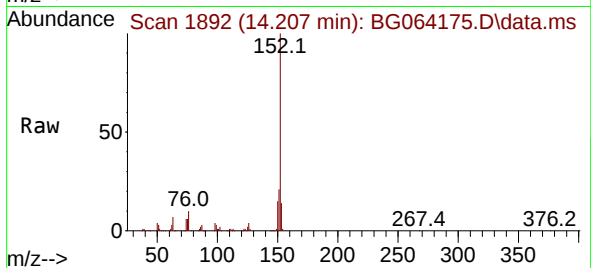
#49
Acenaphthylene
Concen: 53.637 ng
RT: 14.207 min Scan# 1892
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS



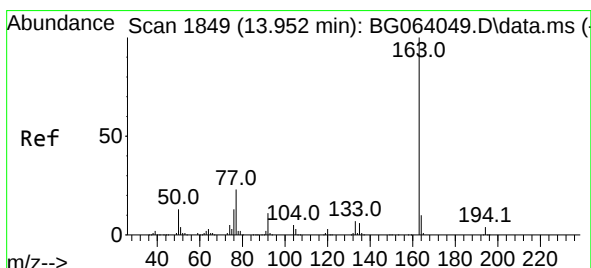
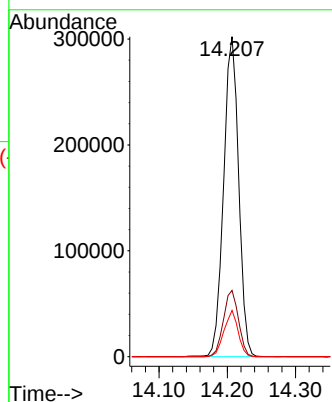
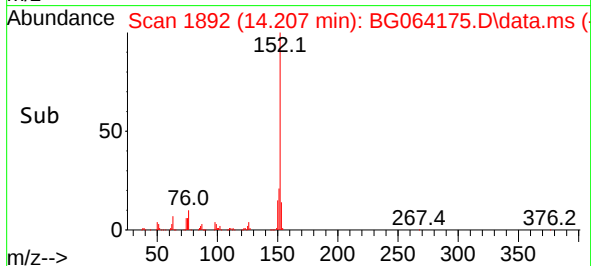
Tgt Ion:152 Resp: 463864
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 14.4 10.9 16.3

Manual Integrations

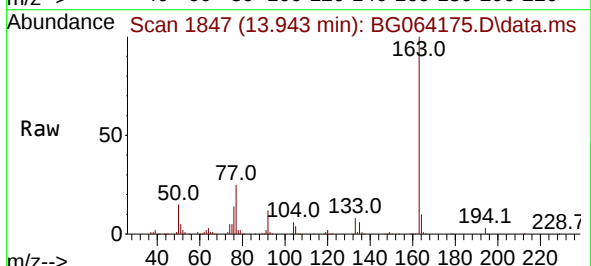
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

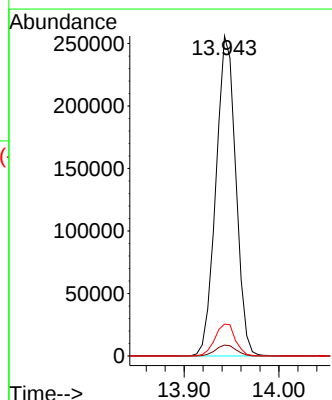
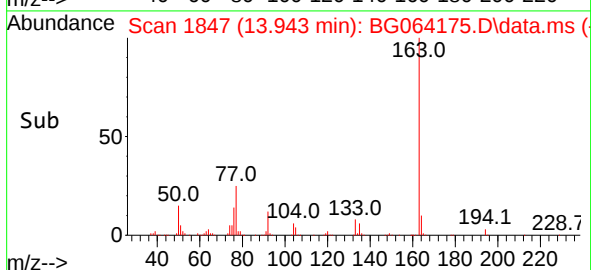
Supervised By :Jagrut Upadhyay 04/04/2025

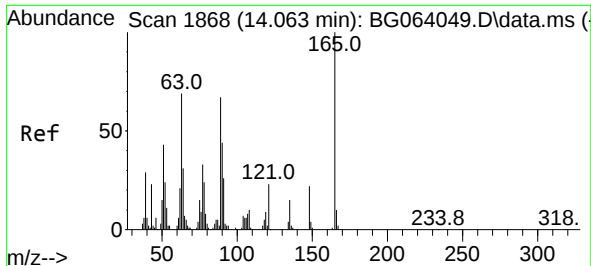


#50
Dimethylphthalate
Concen: 51.027 ng
RT: 13.943 min Scan# 1847
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38



Tgt Ion:163 Resp: 373757
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 55.081 ng
RT: 14.054 min Scan# 1866
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

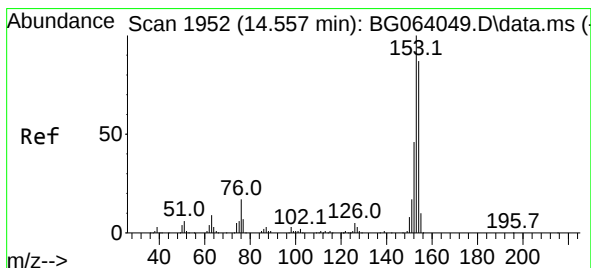
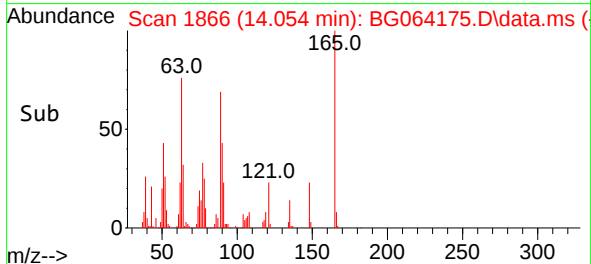
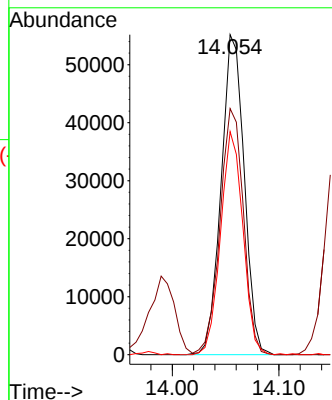
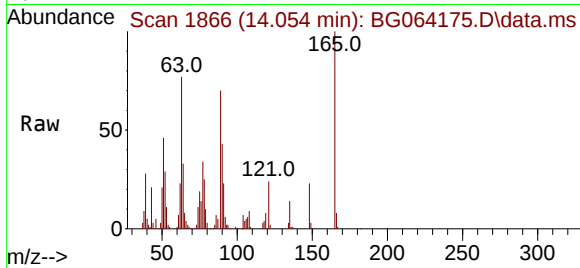
ClientSampleId :

PB167451BS

Tgt Ion:165 Resp: 8264
Ion Ratio Lower Upper
165 100
63 76.9 56.7 85.1
89 69.7 53.7 80.5

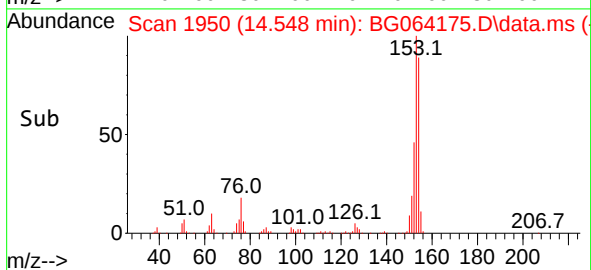
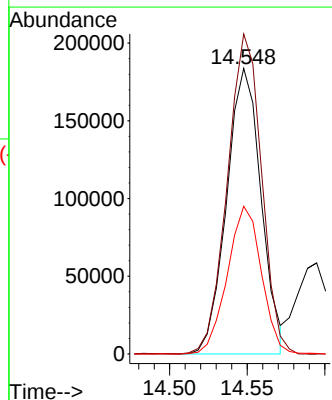
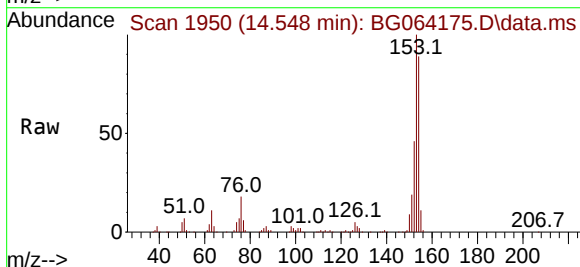
Manual Integrations
APPROVED

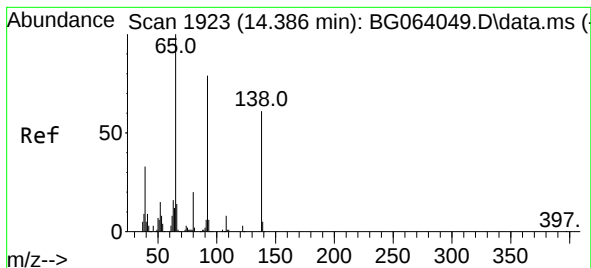
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#52
Acenaphthene
Concen: 48.819 ng
RT: 14.548 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:154 Resp: 283336
Ion Ratio Lower Upper
154 100
153 112.1 91.6 137.4
152 51.7 42.5 63.7





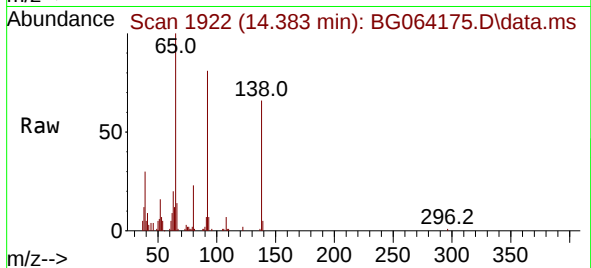
#53
3-Nitroaniline
Concen: 21.879 ng
RT: 14.383 min Scan# 1922
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS

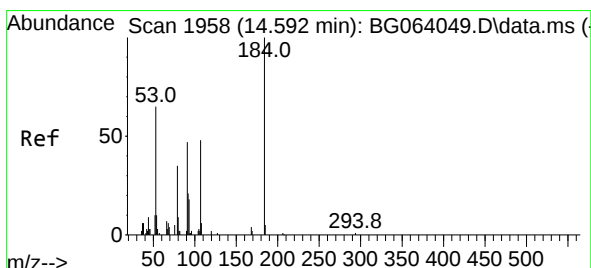
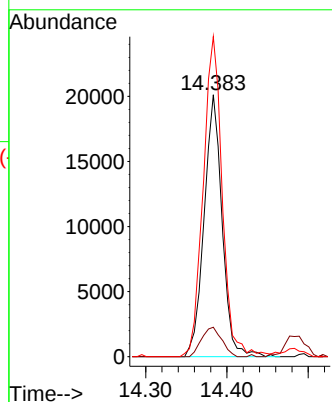
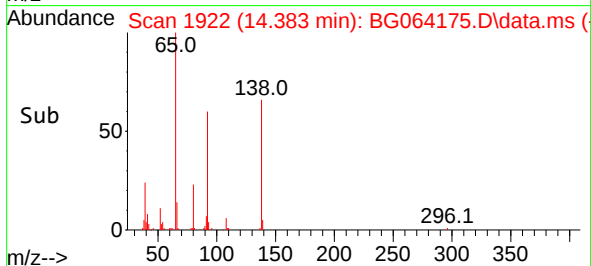


Tgt Ion:138 Resp: 3097
Ion Ratio Lower Upper
138 100
108 11.2 10.1 15.1
92 122.2 104.1 156.1

Manual Integrations

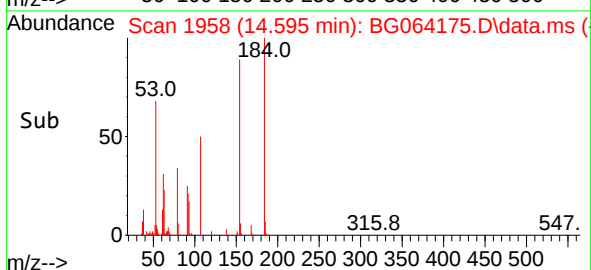
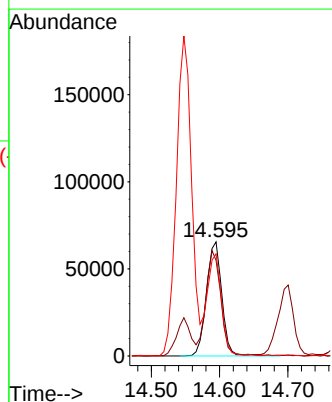
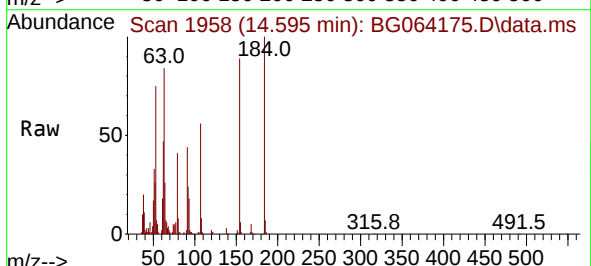
APPROVED

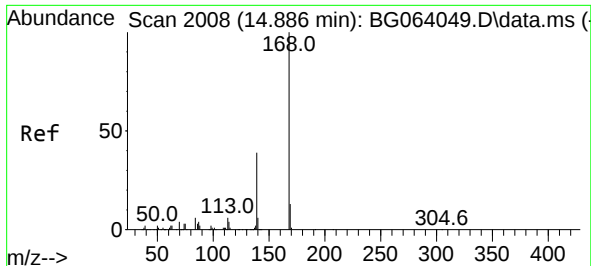
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#54
2,4-Dinitrophenol
Concen: 157.964 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

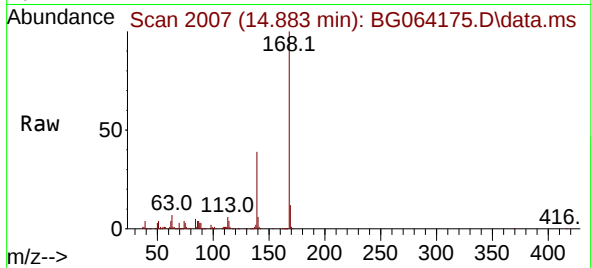
Tgt Ion:184 Resp: 103147
Ion Ratio Lower Upper
184 100
63 83.8 57.5 86.3
154 89.5 52.3 78.5#





#55
Dibenzenofuran
Concen: 48.739 ng
RT: 14.883 min Scan# 2008
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

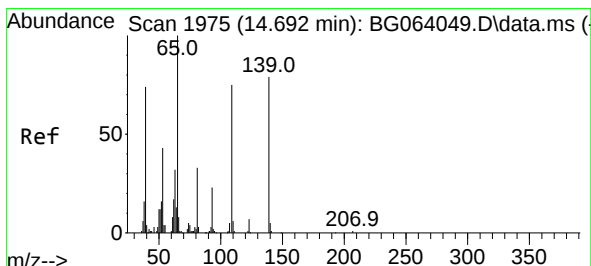
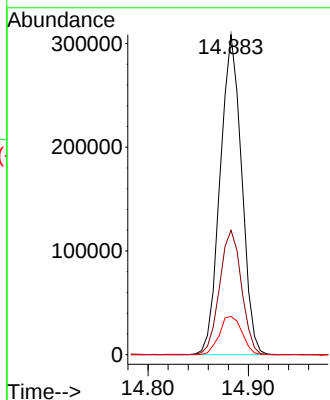
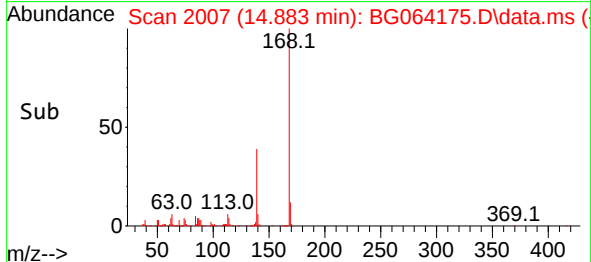
Instrument :
BNA_G
ClientSampleId :
PB167451BS



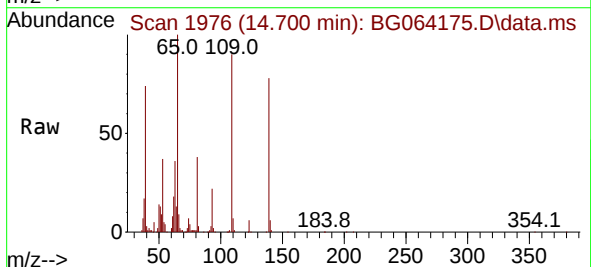
Tgt Ion:168 Resp: 45825
Ion Ratio Lower Upper
168 100
139 38.8 31.1 46.7
169 12.0 10.5 15.7

Manual Integrations
APPROVED

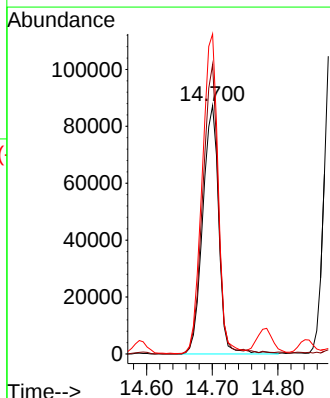
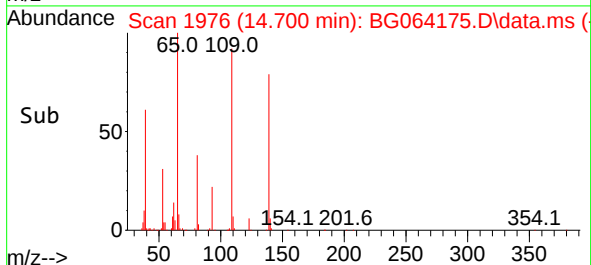
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

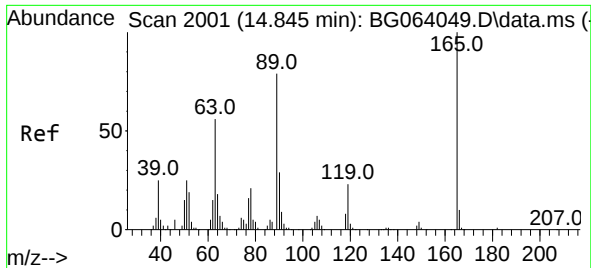


#56
4-Nitrophenol
Concen: 125.363 ng
RT: 14.700 min Scan# 1976
Delta R.T. 0.008 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38



Tgt Ion:139 Resp: 148840
Ion Ratio Lower Upper
139 100
109 116.6 74.9 114.9#
65 128.9 106.8 146.8





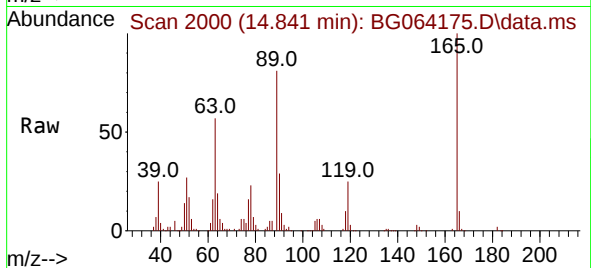
#57
2,4-Dinitrotoluene
Concen: 59.593 ng
RT: 14.841 min Scan# 2001
Delta R.T. -0.004 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS

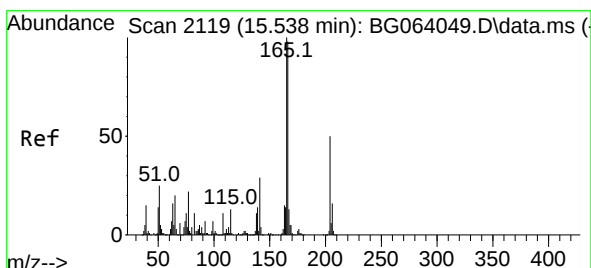
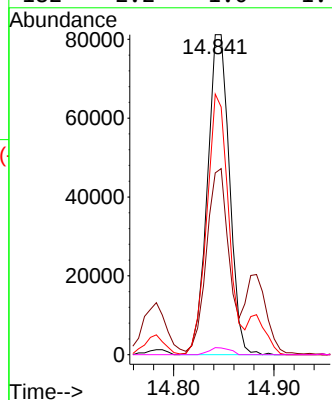
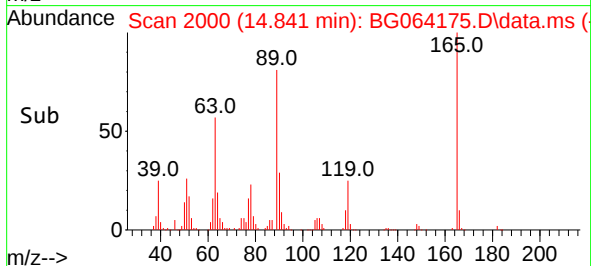


Tgt Ion:165 Resp: 12414
Ion Ratio Lower Upper
165 100
63 56.8 45.0 67.6
89 81.4 63.1 94.7
182 2.2 1.0 1.4#

Manual Integrations

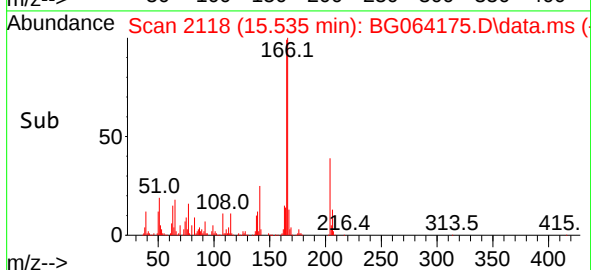
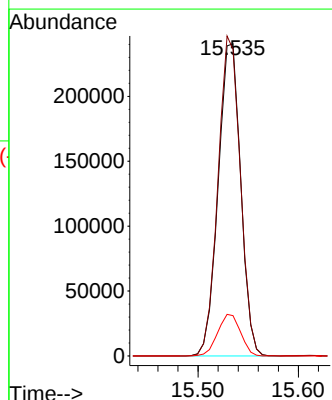
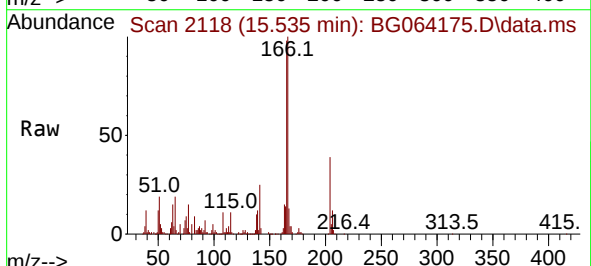
APPROVED

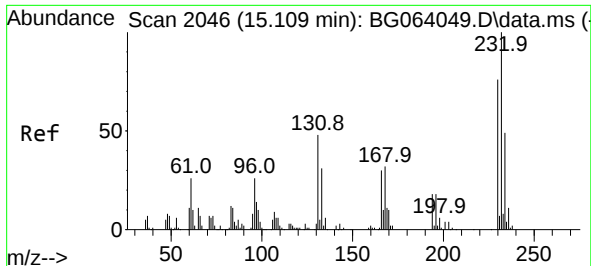
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#58
Fluorene
Concen: 51.063 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:166 Resp: 373934
Ion Ratio Lower Upper
166 100
165 98.2 81.8 122.8
167 12.9 10.8 16.2





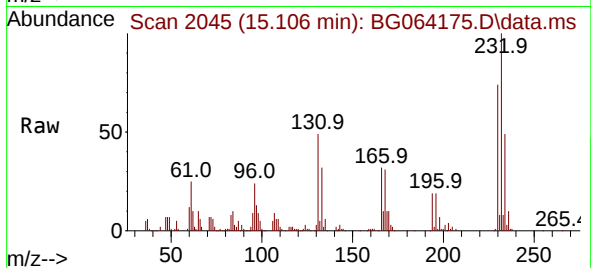
#59
2,3,4,6-Tetrachlorophenol
Concen: 60.184 ng
RT: 15.106 min Scan# 2045
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS



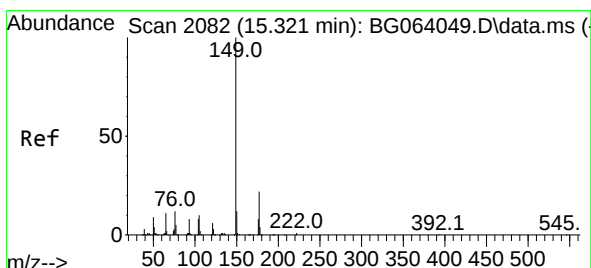
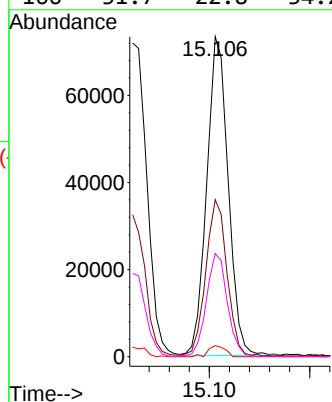
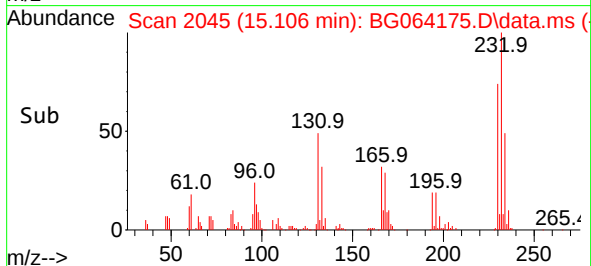
Tgt Ion:232 Resp: 10884
Ion Ratio Lower Upper
232 100
131 48.6 36.3 54.5
130 2.7 1.9 2.9
166 31.7 22.8 34.2

Manual Integrations

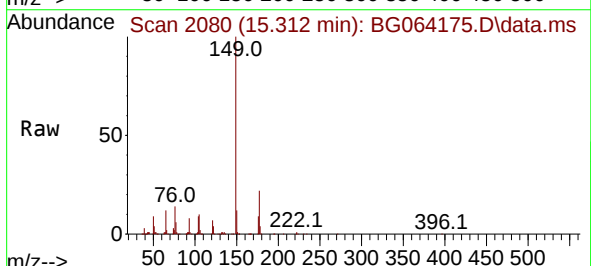
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

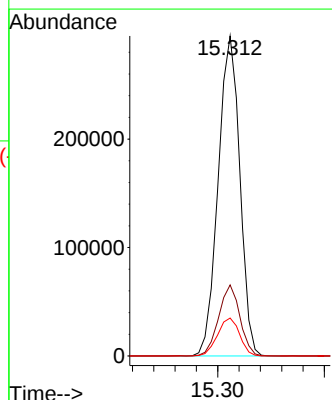
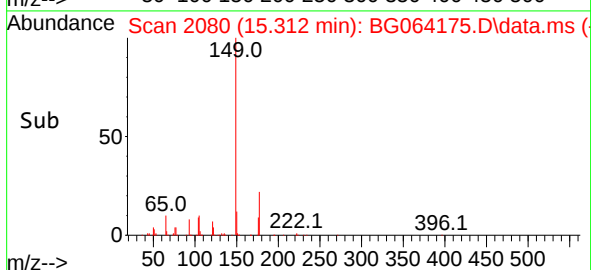
Supervised By :Jagrut Upadhyay 04/04/2025

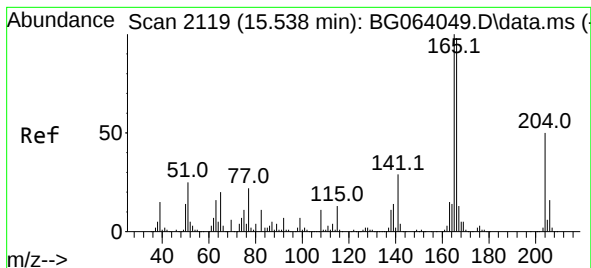


#60
Diethylphthalate
Concen: 52.228 ng
RT: 15.312 min Scan# 2080
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38



Tgt Ion:149 Resp: 415297
Ion Ratio Lower Upper
149 100
177 22.2 17.4 26.2
150 11.8 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 50.920 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

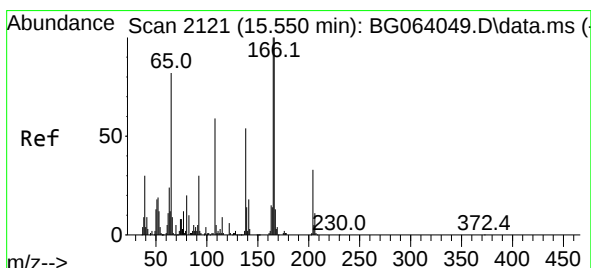
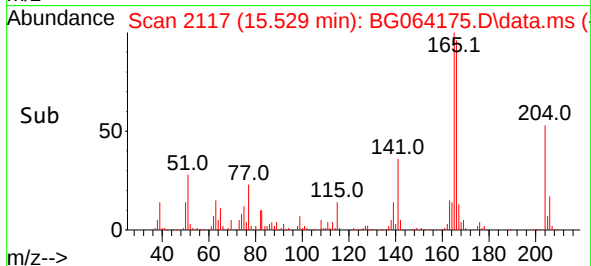
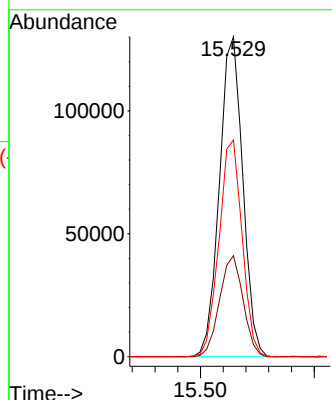
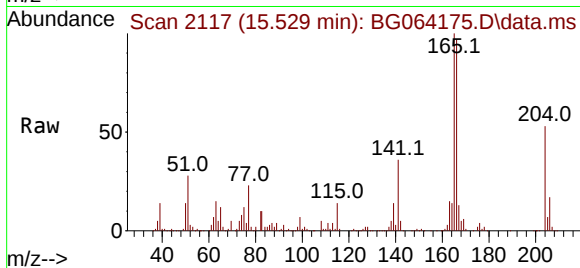
PB167451BS

Tgt Ion:204 Resp: 18530
Ion Ratio Lower Upper
204 100
206 31.6 25.5 38.3
141 67.7 45.4 68.0

Manual Integrations

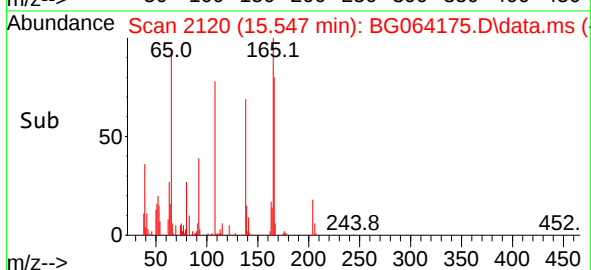
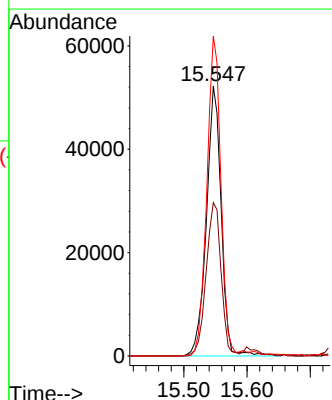
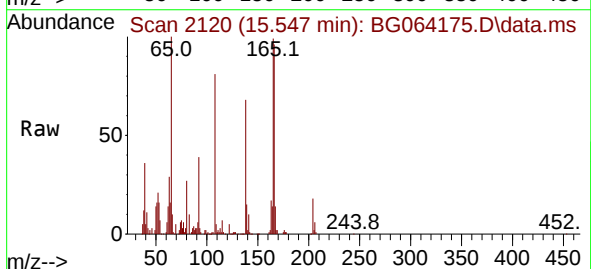
APPROVED

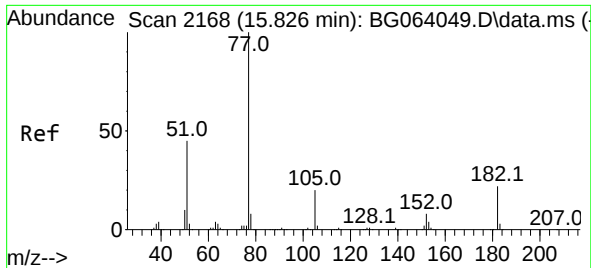
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#62
4-Nitroaniline
Concen: 55.690 ng
RT: 15.547 min Scan# 2120
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:138 Resp: 85117
Ion Ratio Lower Upper
138 100
92 56.8 36.1 76.1
108 118.5 87.9 127.9





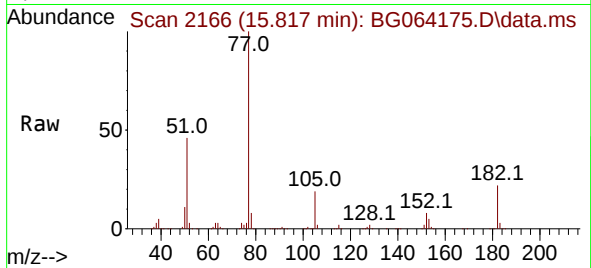
#63
Azobenzene
Concen: 48.392 ng
RT: 15.817 min Scan# 2168
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS



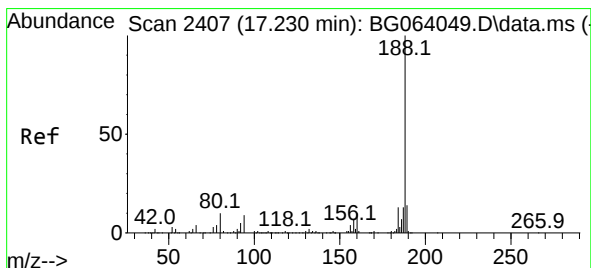
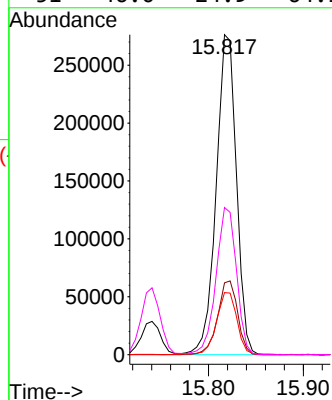
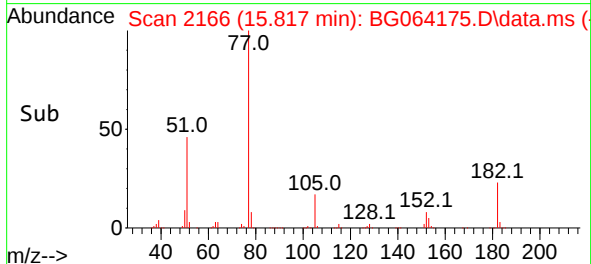
Tgt Ion: 77 Resp: 41061
Ion Ratio Lower Upper
77 100
182 22.4 2.4 42.4
105 19.4 0.0 40.0
51 46.0 24.9 64.9

Manual Integrations

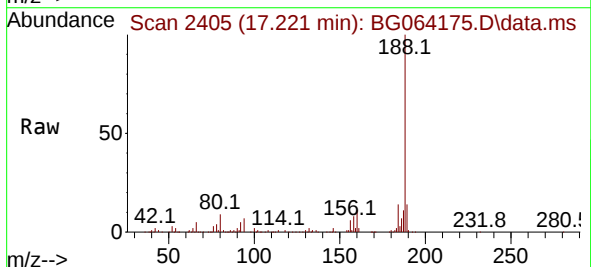
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

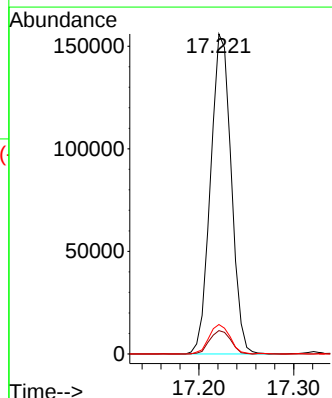
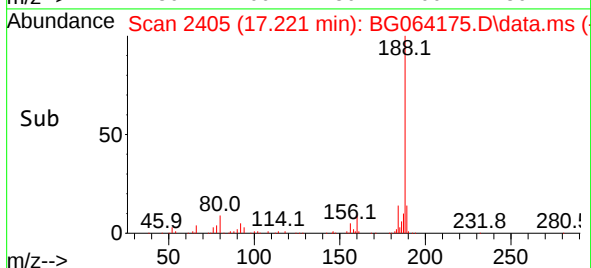
Supervised By :Jagrut Upadhyay 04/04/2025

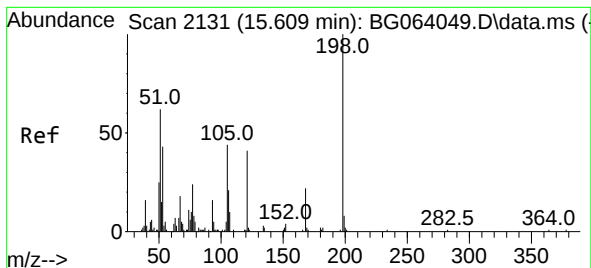


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38



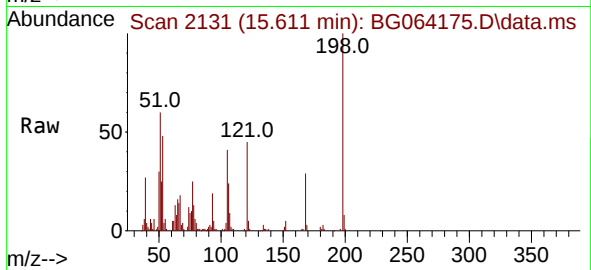
Tgt Ion:188 Resp: 235595
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 9.2 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 68.512 ng
RT: 15.611 min Scan# 2131
Delta R.T. 0.002 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

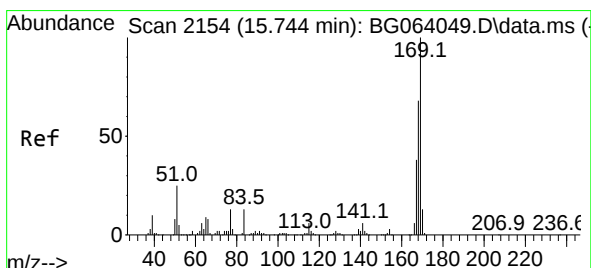
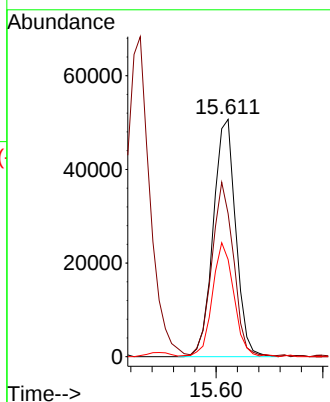
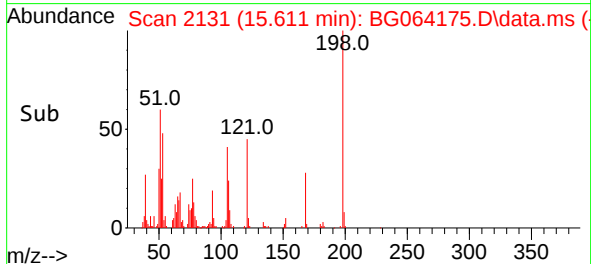
Instrument :
BNA_G
ClientSampleId :
PB167451BS



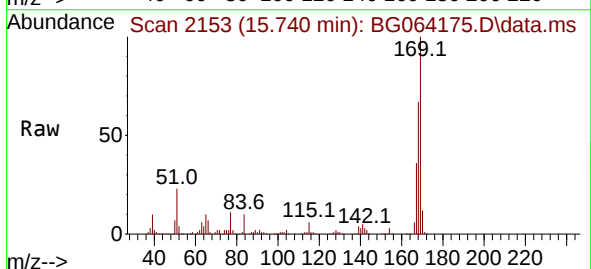
Tgt Ion:198 Resp: 74018
Ion Ratio Lower Upper
198 100
51 60.2 45.6 85.6
105 40.9 25.3 65.3

Manual Integrations
APPROVED

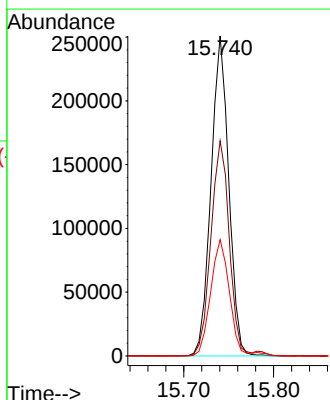
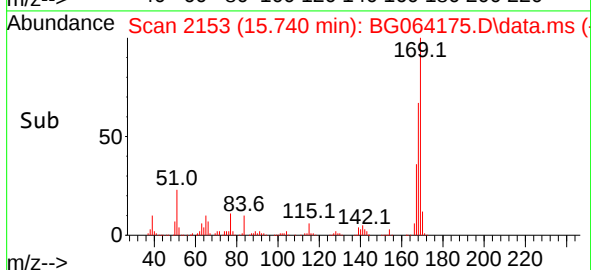
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

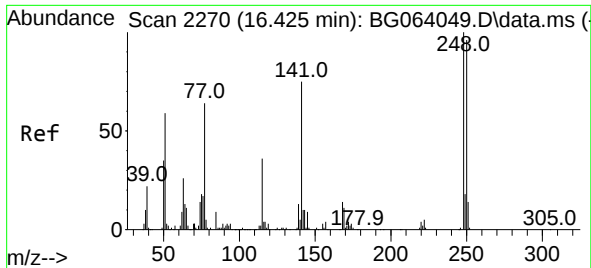


#66
n-Nitrosodiphenylamine
Concen: 51.549 ng
RT: 15.740 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38



Tgt Ion:169 Resp: 343772
Ion Ratio Lower Upper
169 100
168 67.2 54.1 81.1
167 36.4 30.3 45.5





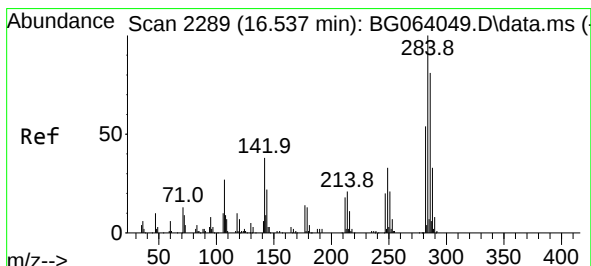
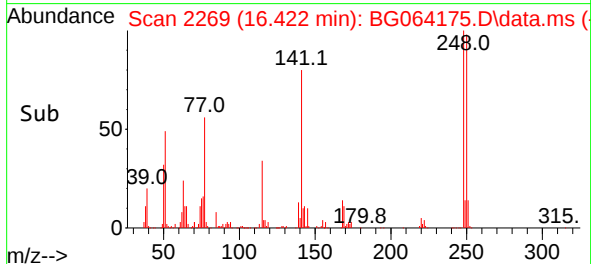
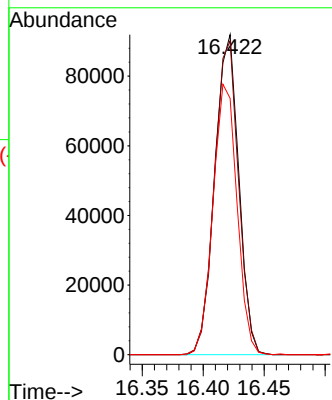
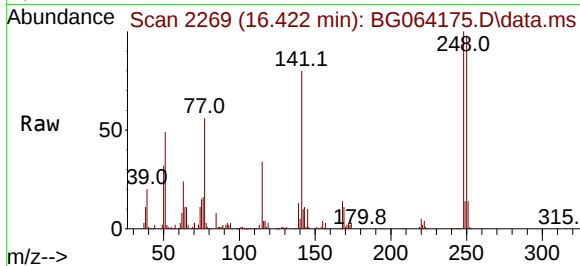
#67
4-Bromophenyl-phenylether
Concen: 52.253 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :
BNA_G
ClientSampleId :
PB167451BS

Tgt Ion:248 Resp: 12608
Ion Ratio Lower Upper
248 100
250 98.1 77.1 115.7
141 80.1 59.8 89.8

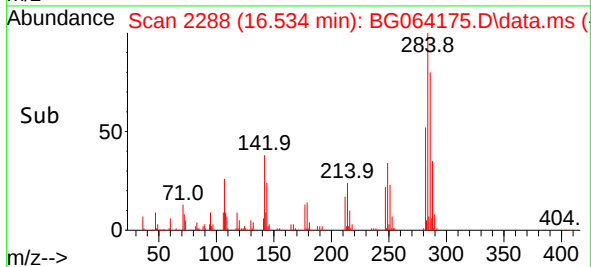
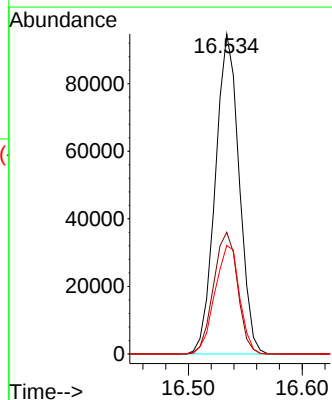
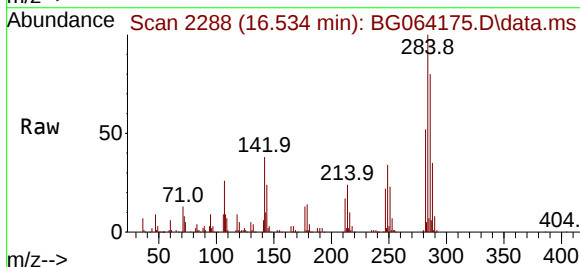
Manual Integrations
APPROVED

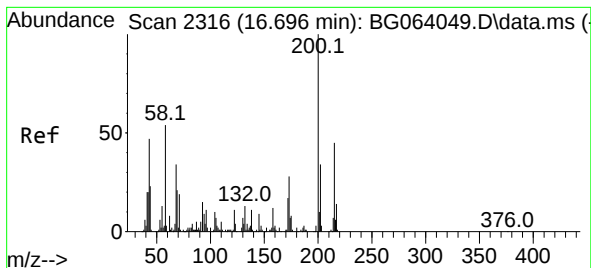
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#68
Hexachlorobenzene
Concen: 51.029 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Tgt Ion:284 Resp: 137848
Ion Ratio Lower Upper
284 100
142 38.1 30.6 45.8
249 33.9 26.6 39.8





#69

Atrazine

Concen: 71.503 ng

RT: 16.692 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS

Tgt Ion:200 Resp: 140300

Ion Ratio Lower Upper

200 100

173 25.1 8.2 48.2

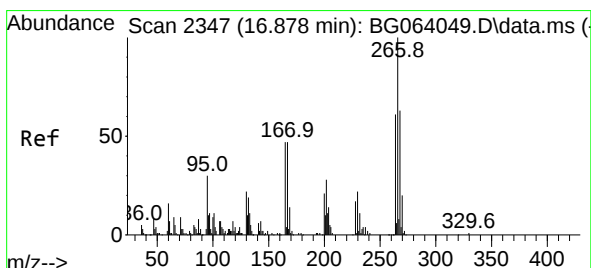
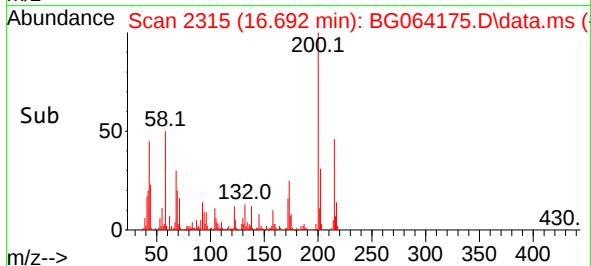
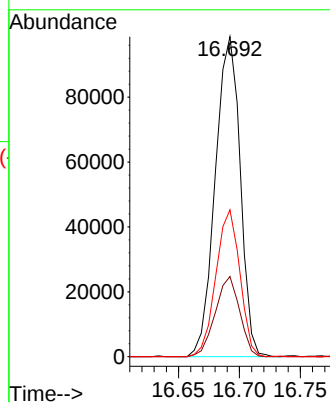
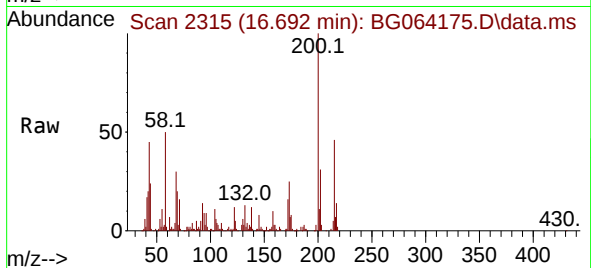
215 45.9 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#70

Pentachlorophenol

Concen: 111.241 ng

RT: 16.874 min Scan# 2346

Delta R.T. -0.004 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

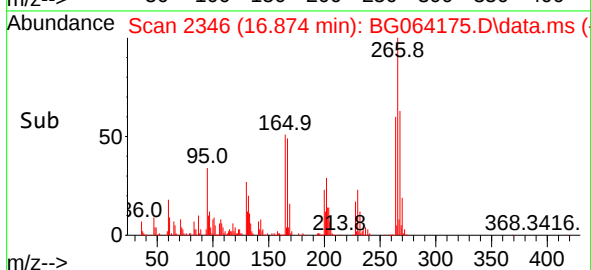
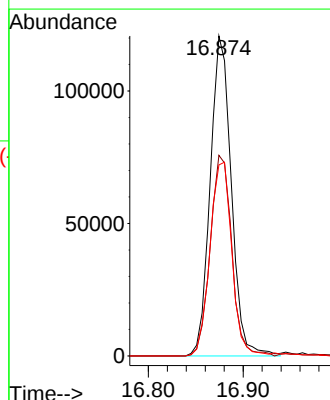
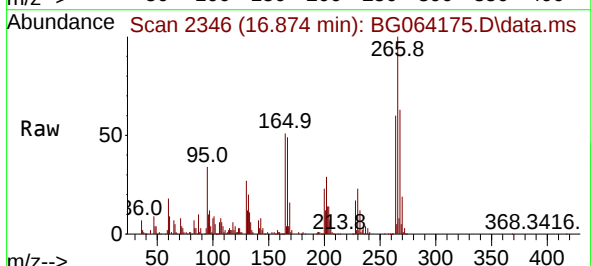
Tgt Ion:266 Resp: 186580

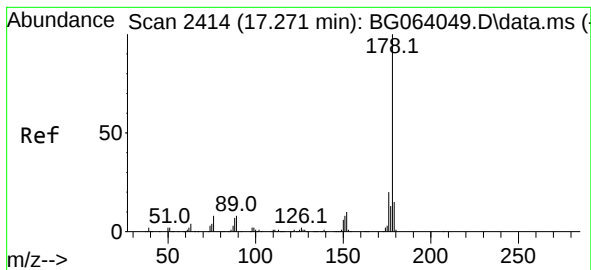
Ion Ratio Lower Upper

266 100

268 62.7 50.2 75.4

264 59.7 48.9 73.3





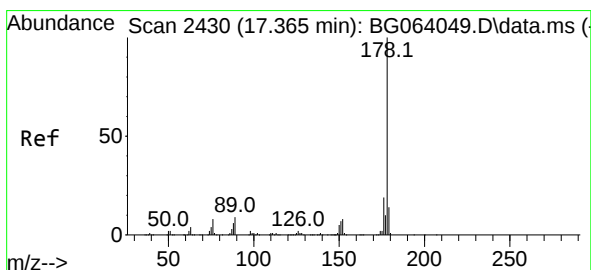
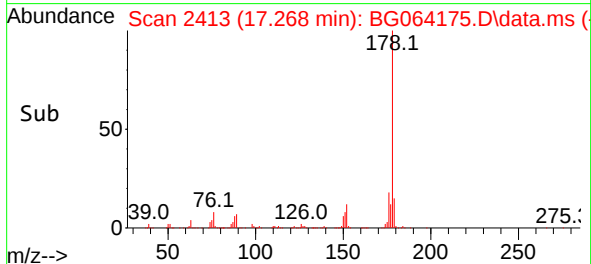
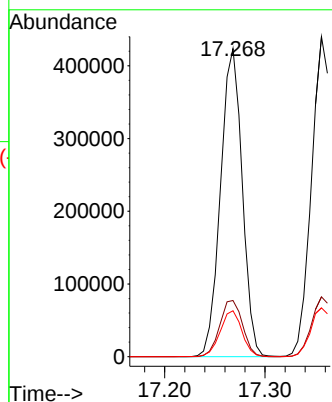
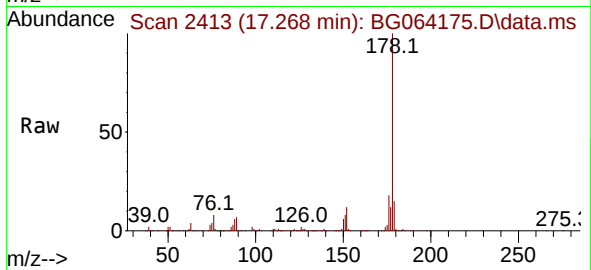
#71
Phenanthrene
Concen: 50.546 ng
RT: 17.268 min Scan# 2414
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :
BNA_G
ClientSampleId :
PB167451BS

Tgt Ion:178 Resp: 635172
Ion Ratio Lower Upper
178 100
176 18.2 15.9 23.9
179 14.9 12.2 18.2

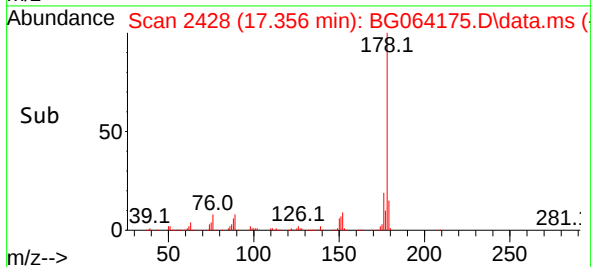
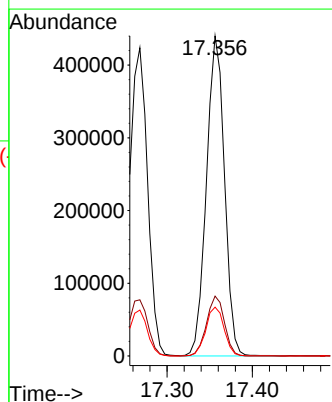
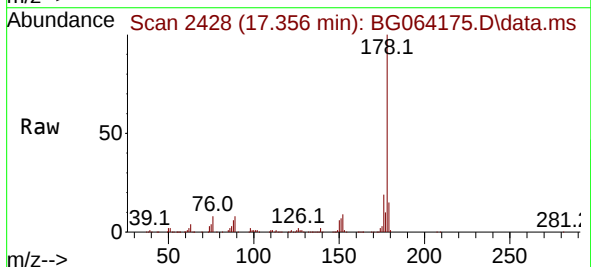
Manual Integrations
APPROVED

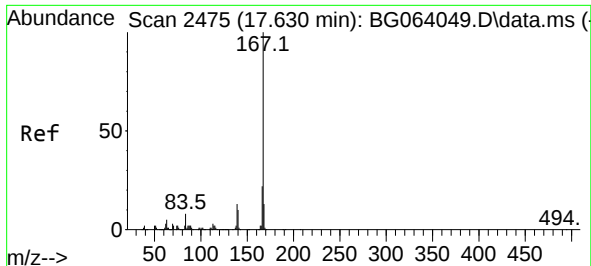
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#72
Anthracene
Concen: 51.897 ng
RT: 17.356 min Scan# 2428
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

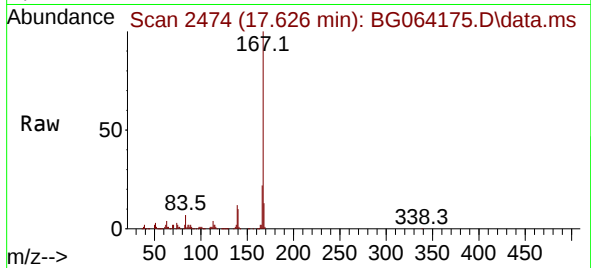
Tgt Ion:178 Resp: 648466
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.3 11.5 17.3





#73
 Carbazole
 Concen: 50.473 ng
 RT: 17.626 min Scan# 2475
 Delta R.T. -0.003 min
 Lab File: BG064175.D
 Acq: 3 Apr 2025 20:38

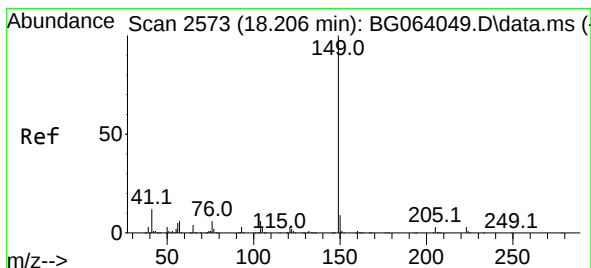
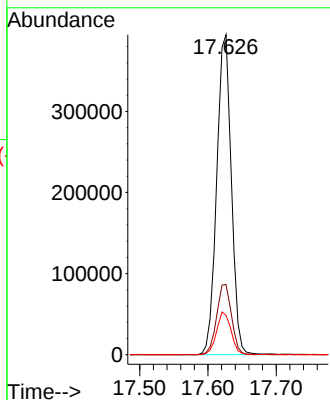
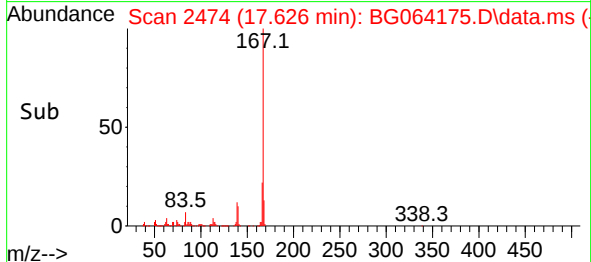
Instrument :
 BNA_G
 ClientSampleId :
 PB167451BS



Tgt Ion:167 Resp: 588835
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 12.3 10.6 15.8

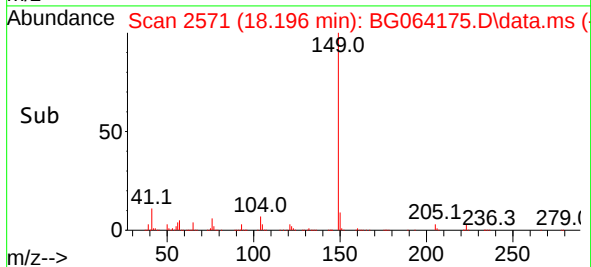
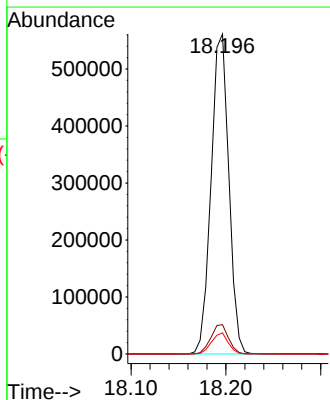
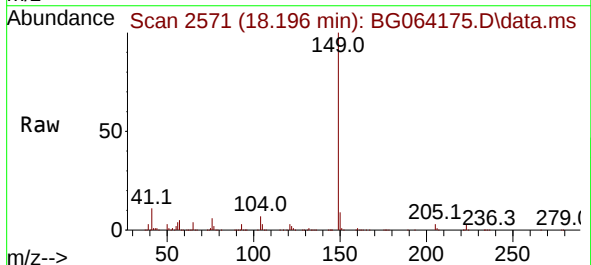
Manual Integrations
 APPROVED

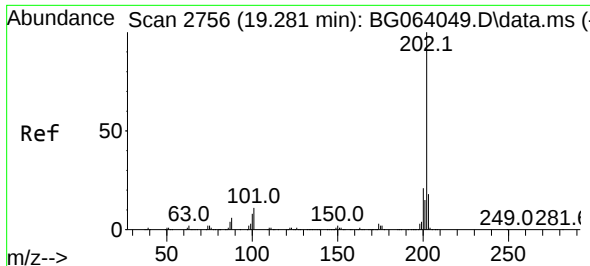
Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025



#74
 Di-n-butylphthalate
 Concen: 53.000 ng
 RT: 18.196 min Scan# 2571
 Delta R.T. -0.009 min
 Lab File: BG064175.D
 Acq: 3 Apr 2025 20:38

Tgt Ion:149 Resp: 727823
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 6.6 5.0 7.6





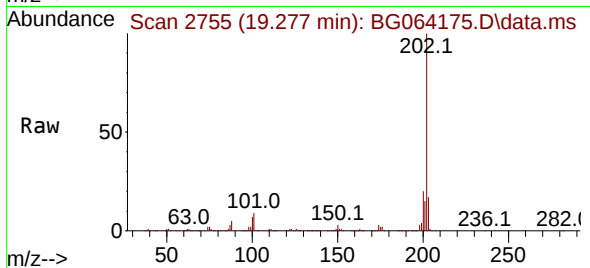
#75
Fluoranthene
Concen: 49.013 ng
RT: 19.277 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS

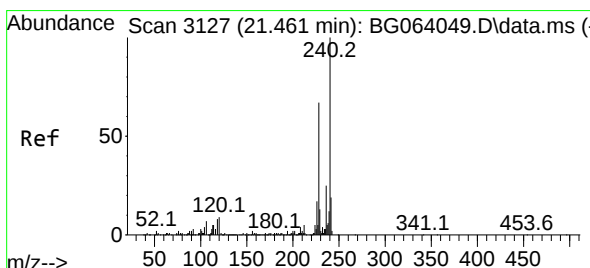
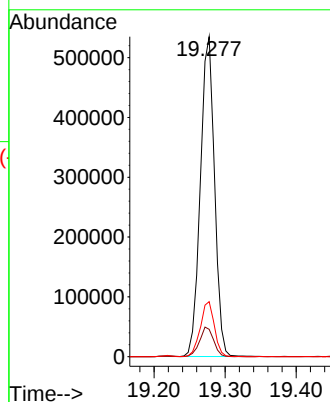
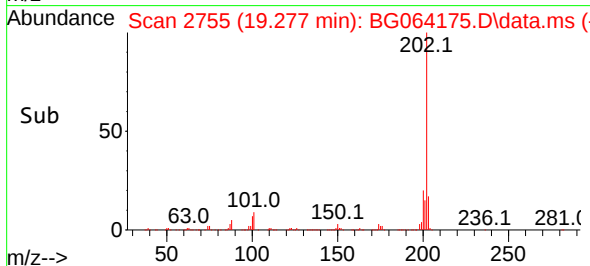


Tgt Ion:202 Resp: 742511
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.5
203 17.2 0.0 38.3

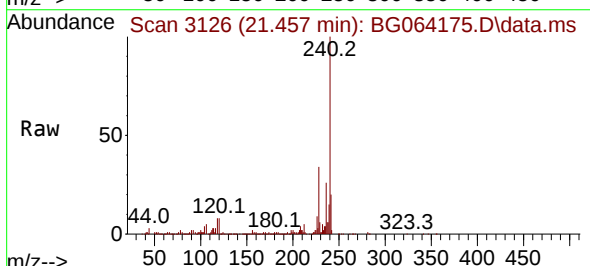
Manual Integrations

APPROVED

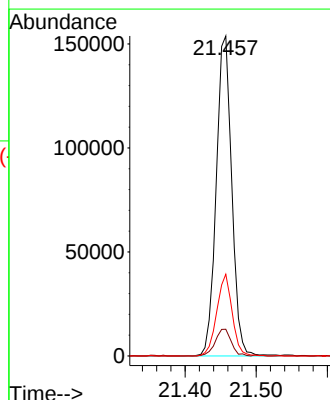
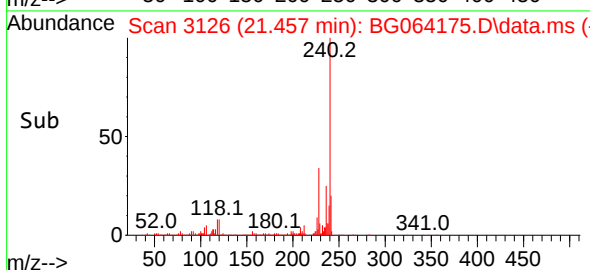
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

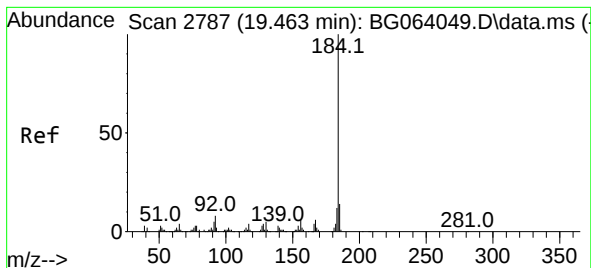


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38



Tgt Ion:240 Resp: 232442
Ion Ratio Lower Upper
240 100
120 8.4 7.2 10.8
236 25.5 20.2 30.2





#77

Benzidine

Concen: 58.762 ng

RT: 19.454 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS

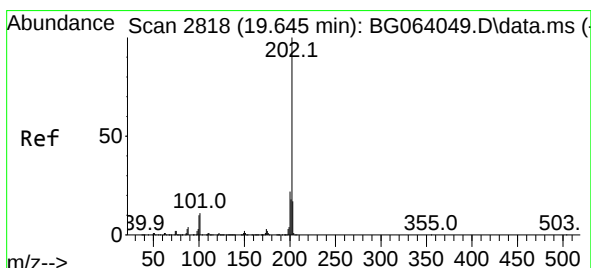
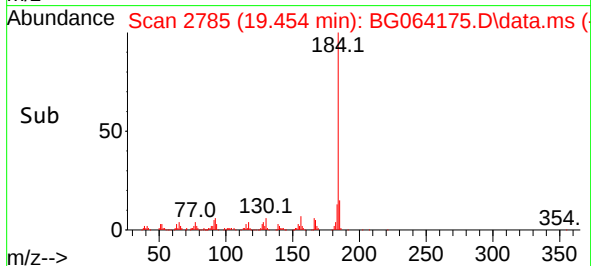
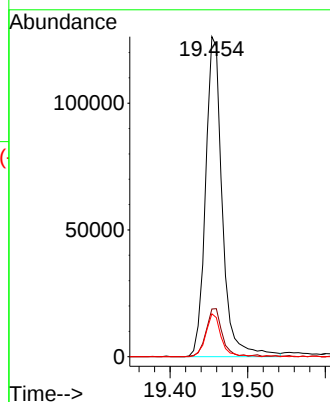
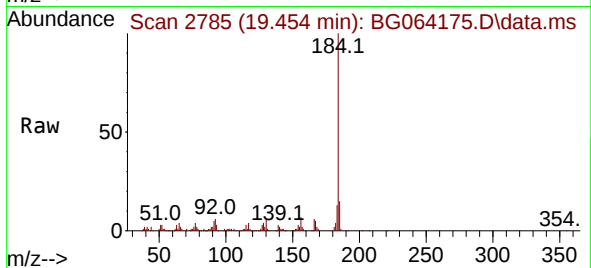
Tgt Ion:184 Resp: 189130
 Ion Ratio Lower Upper
 184 100
 185 14.9 11.3 16.9
 183 13.4 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#78

Pyrene

Concen: 51.406 ng

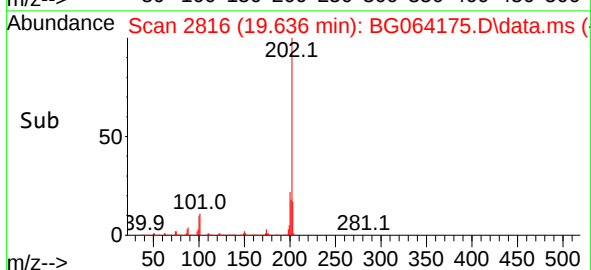
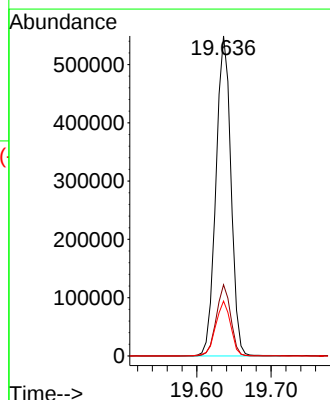
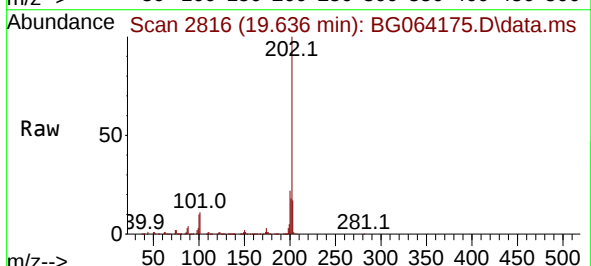
RT: 19.636 min Scan# 2816

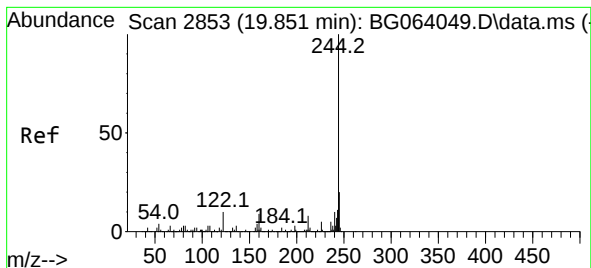
Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Tgt Ion:202 Resp: 770248
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.3 25.9
 203 17.2 13.6 20.4





#79

Terphenyl-d14

Concen: 102.743 ng

RT: 19.842 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS

Tgt Ion:244 Resp: 118110

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

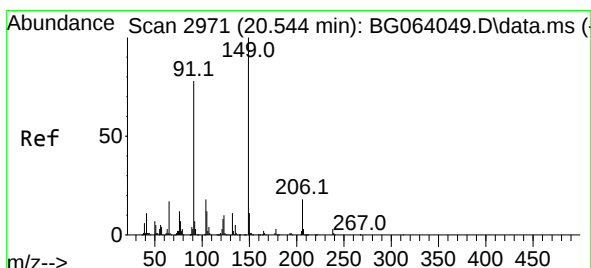
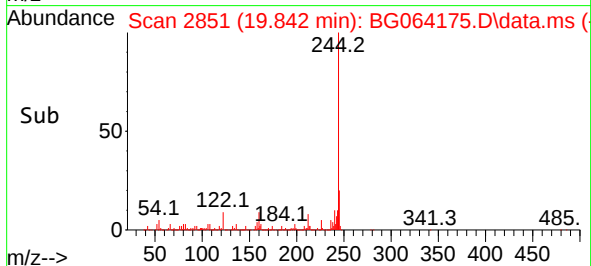
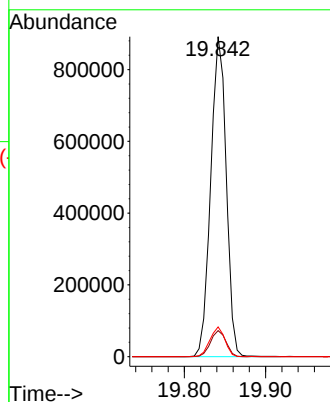
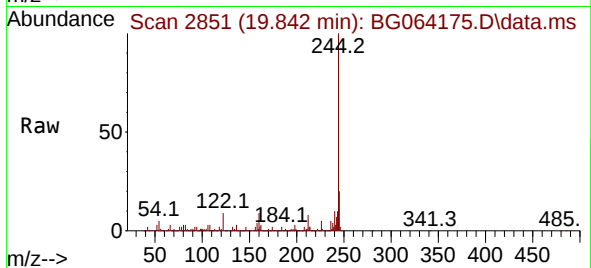
122 9.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#80

Butylbenzylphthalate

Concen: 57.719 ng

RT: 20.535 min Scan# 2969

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

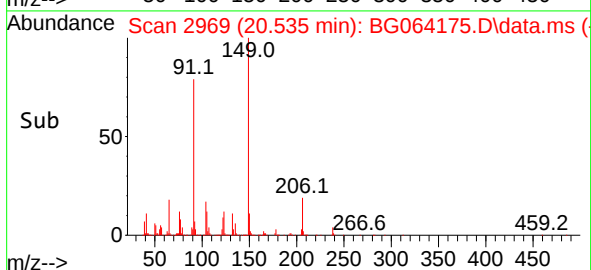
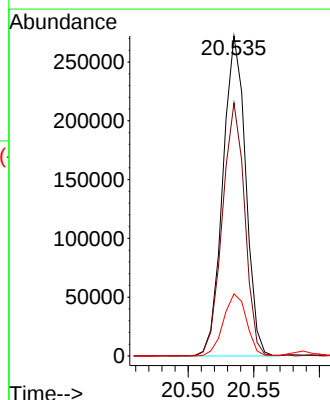
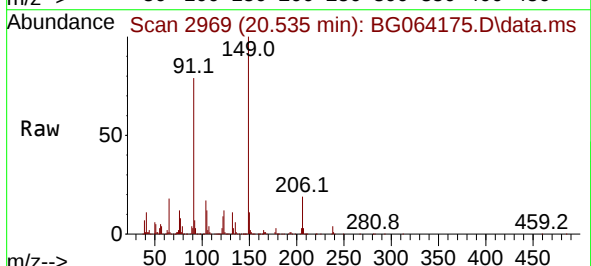
Tgt Ion:149 Resp: 329008

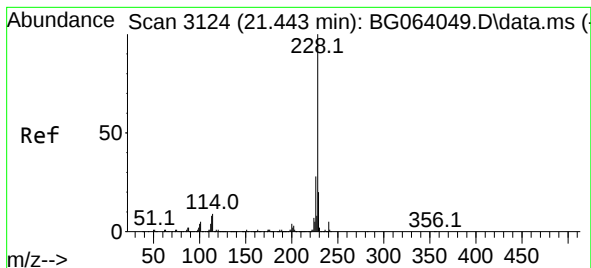
Ion Ratio Lower Upper

149 100

91 79.1 62.0 93.0

206 19.4 14.6 21.8





#81

Benzo(a)anthracene

Concen: 52.478 ng

RT: 21.434 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG064175.D

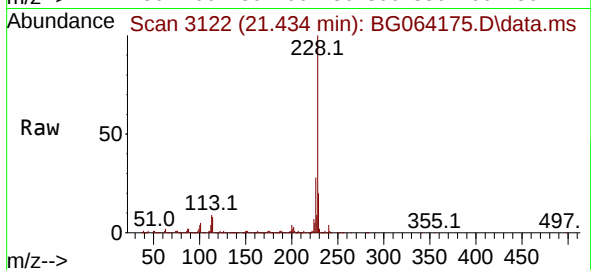
Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS



Tgt Ion:228 Resp: 781360

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

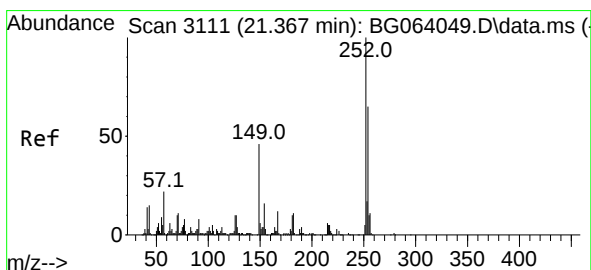
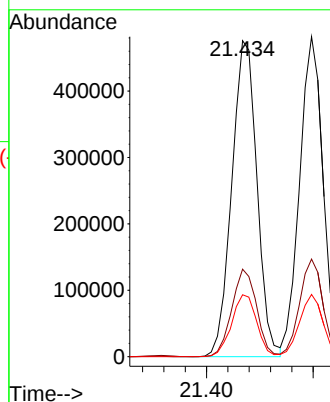
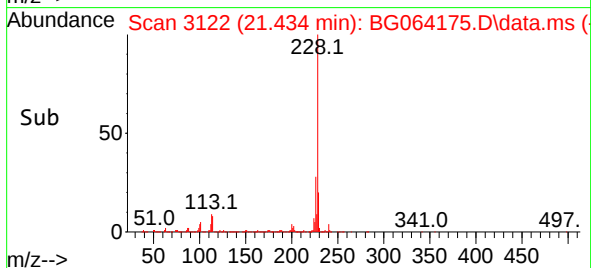
229 19.6 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#82

3,3'-Dichlorobenzidine

Concen: 27.058 ng

RT: 21.357 min Scan# 3109

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

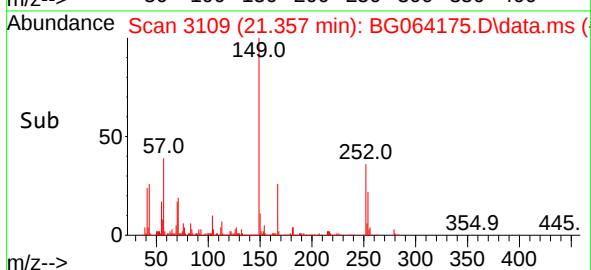
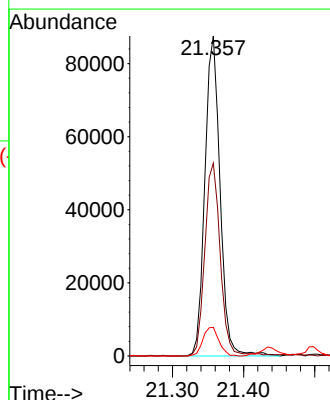
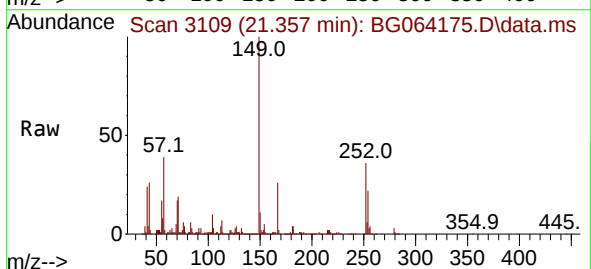
Tgt Ion:252 Resp: 130385

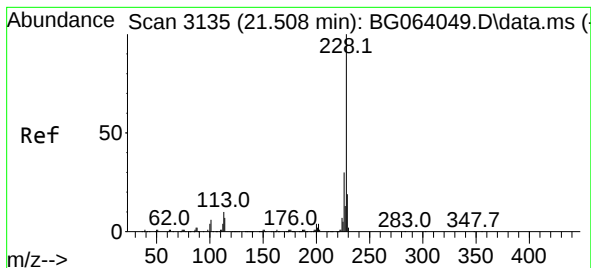
Ion Ratio Lower Upper

252 100

254 60.3 52.1 78.1

126 9.0 7.8 11.8





#83

Chrysene

Concen: 49.620 ng

RT: 21.498 min Scan# 3110

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS

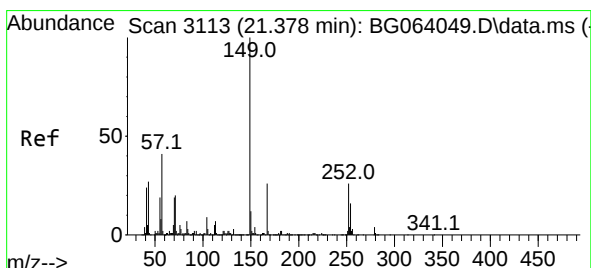
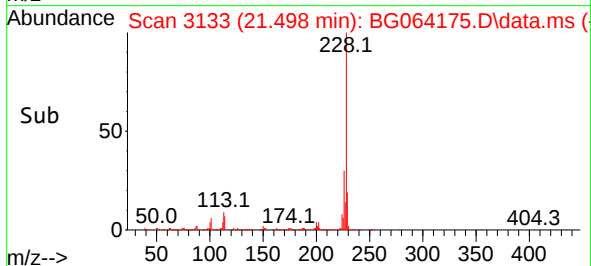
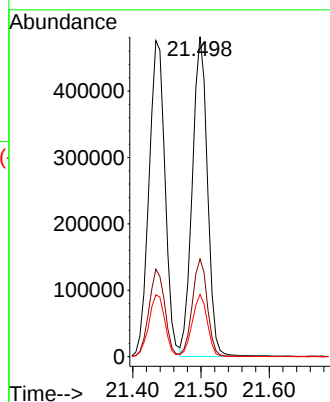
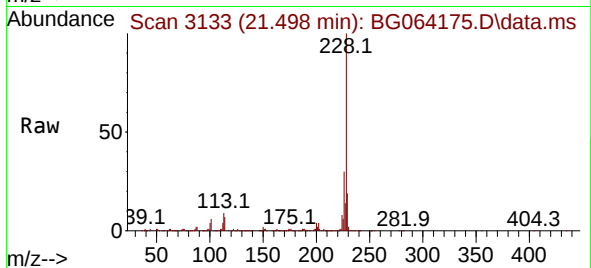
Tgt Ion:228 Resp: 736885
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.9 35.9
 229 19.5 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.391 ng

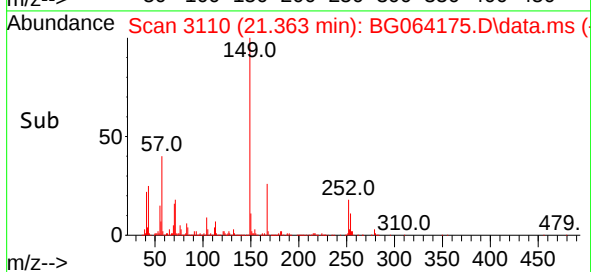
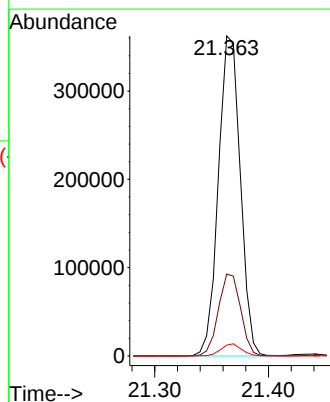
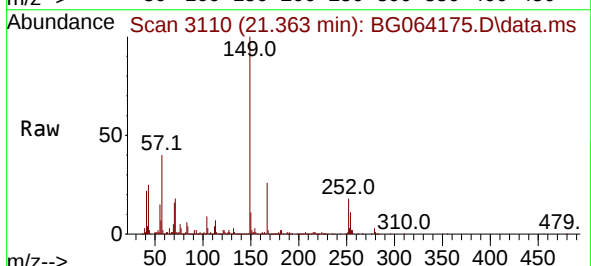
RT: 21.363 min Scan# 3110

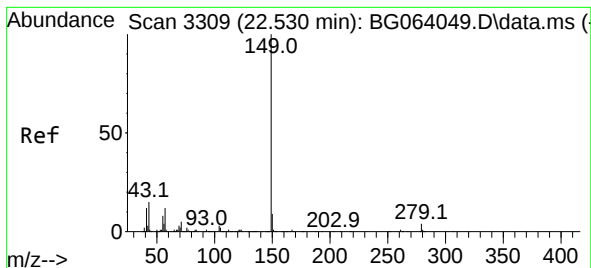
Delta R.T. -0.015 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Tgt Ion:149 Resp: 486302
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.0 31.6
 279 3.4 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 59.663 ng

RT: 22.509 min Scan# 31

Delta R.T. -0.021 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS

Tgt Ion:149 Resp: 828678

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

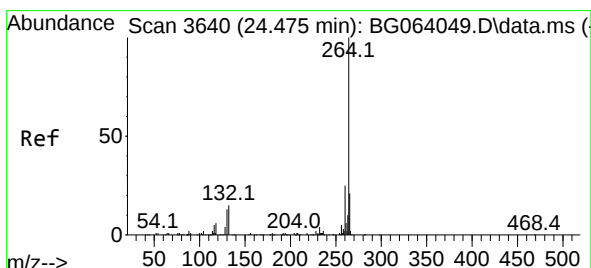
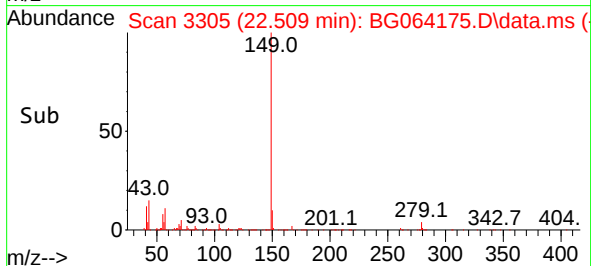
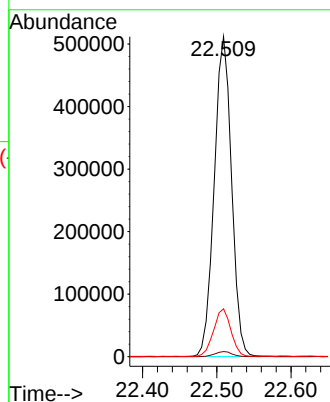
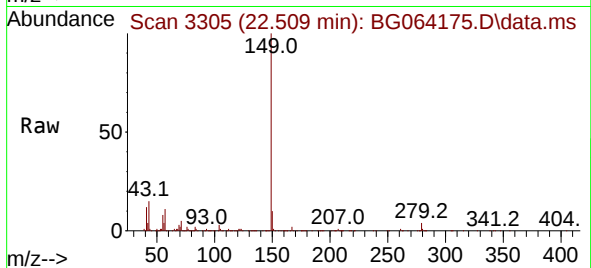
43 14.9 12.6 19.0

Manual Integrations

APPROVED

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. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

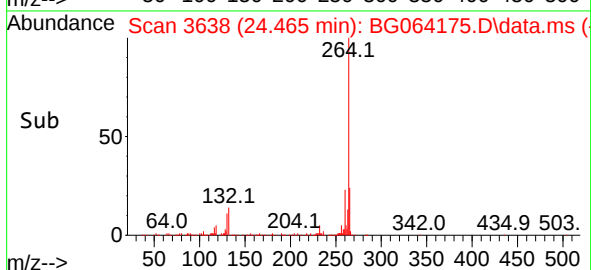
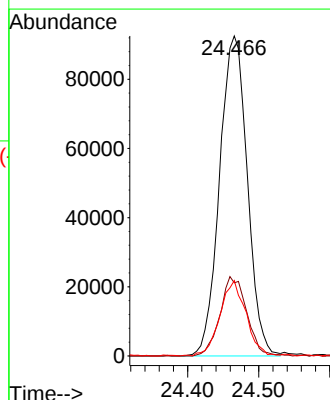
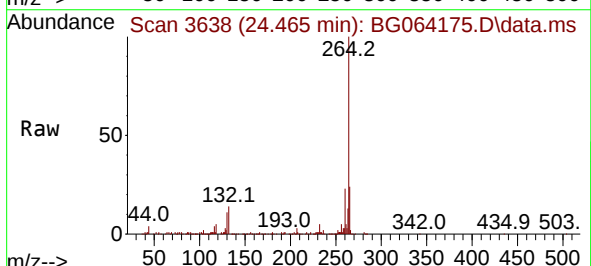
Tgt Ion:264 Resp: 250687

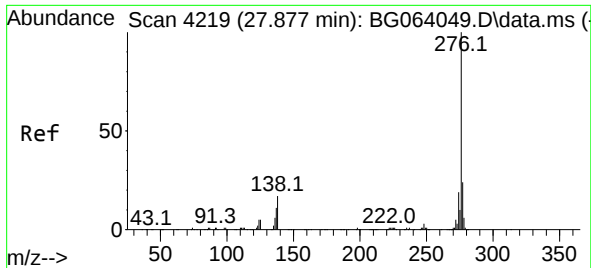
Ion Ratio Lower Upper

264 100

260 22.8 19.6 29.4

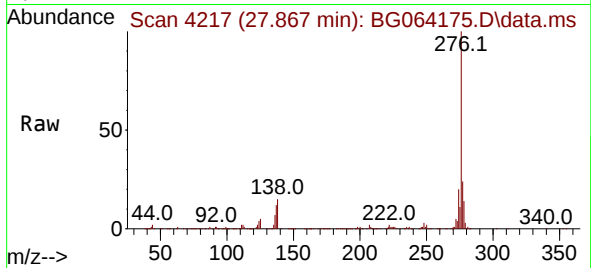
265 23.6 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.677 ng
RT: 27.867 min Scan# 4217
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38

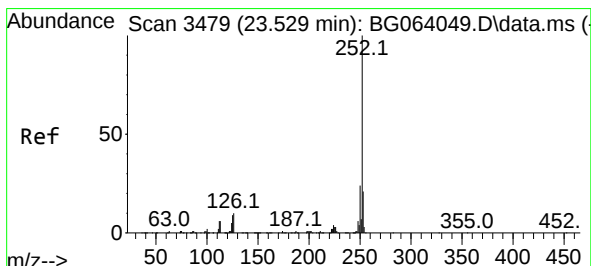
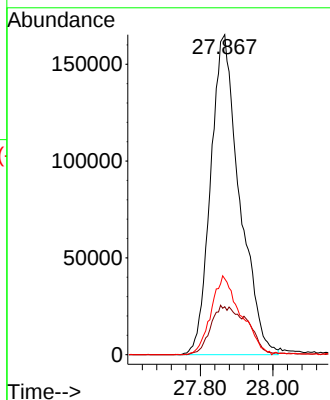
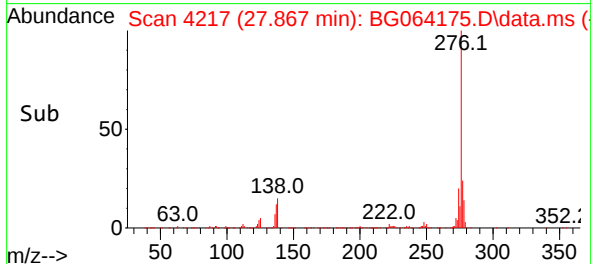
Instrument :
BNA_G
ClientSampleId :
PB167451BS



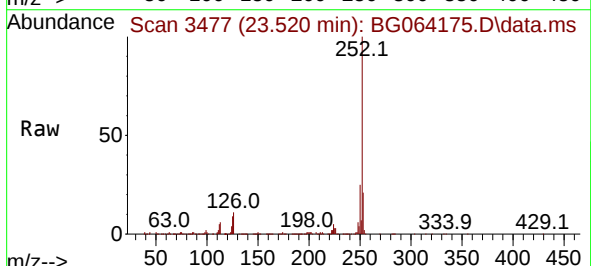
Tgt Ion:276 Resp: 91710
Ion Ratio Lower Upper
276 100
138 19.3 12.1 18.1
277 25.2 20.0 30.0

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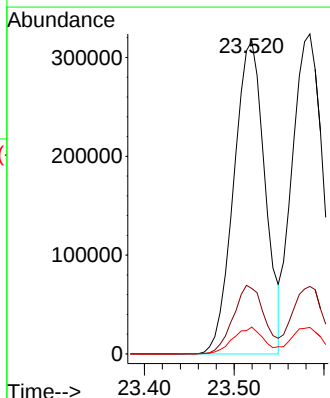
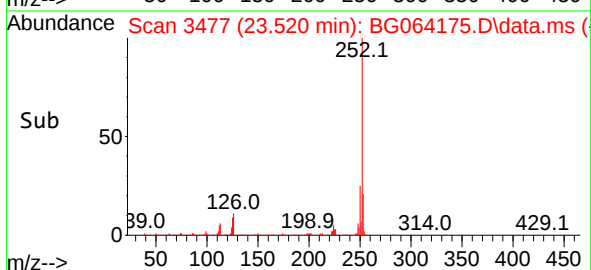
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

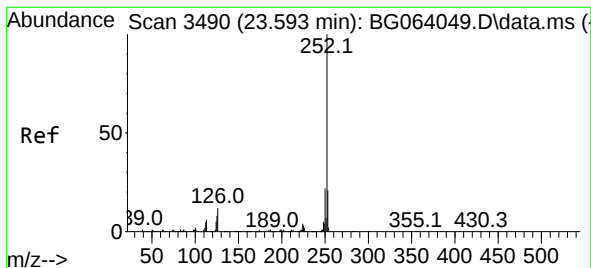


#88
Benzo(b)fluoranthene
Concen: 50.473 ng
RT: 23.520 min Scan# 3477
Delta R.T. -0.009 min
Lab File: BG064175.D
Acq: 3 Apr 2025 20:38



Tgt Ion:252 Resp: 764913
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.4
125 8.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 50.224 ng

RT: 23.584 min Scan# 34

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS

Tgt Ion:252 Resp: 76358

Ion Ratio Lower Upper

252 100

253 21.1 16.8 25.2

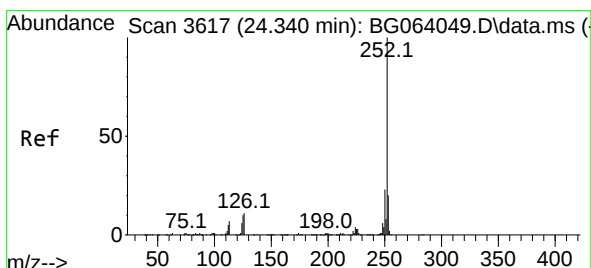
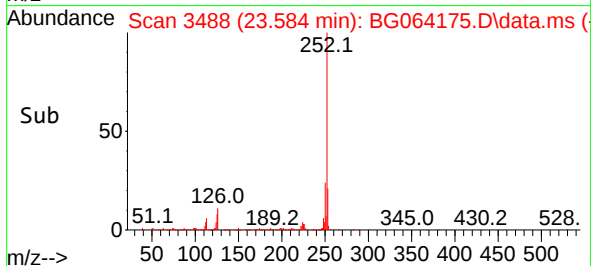
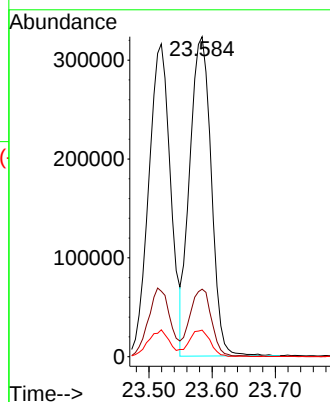
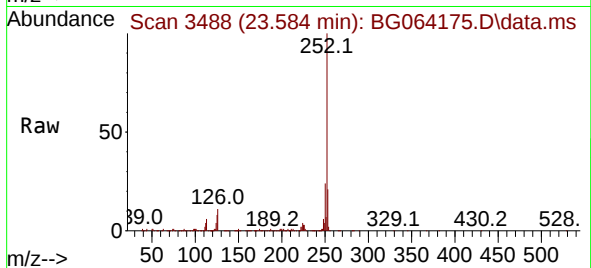
125 8.3 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#90

Benzo(a)pyrene

Concen: 54.971 ng

RT: 24.330 min Scan# 3615

Delta R.T. -0.009 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

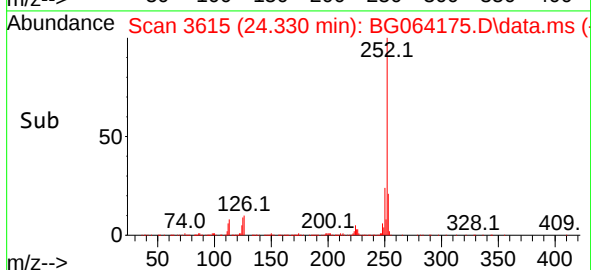
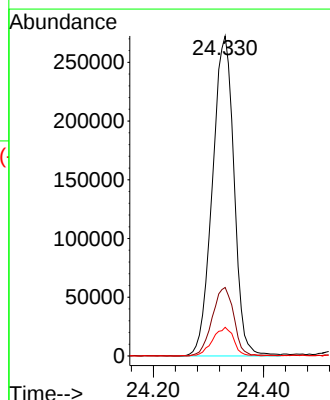
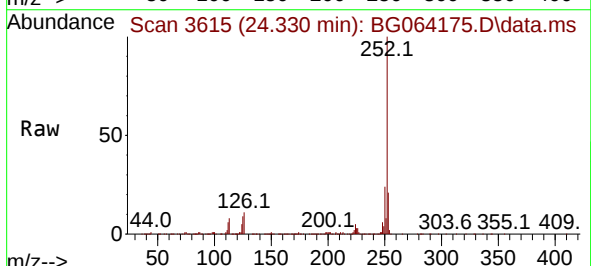
Tgt Ion:252 Resp: 741942

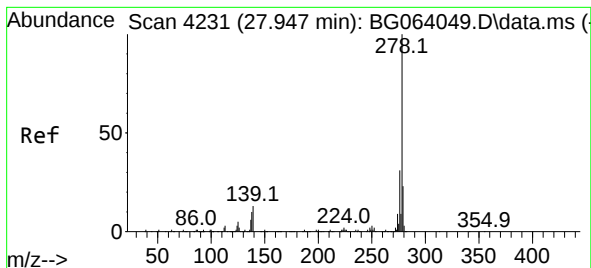
Ion Ratio Lower Upper

252 100

253 21.4 16.2 24.2

125 8.9 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 53.918 ng

RT: 27.926 min Scan# 41

Delta R.T. -0.021 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Instrument :

BNA_G

ClientSampleId :

PB167451BS

Tgt Ion:278 Resp: 749744

Ion Ratio Lower Upper

278 100

139 12.8 10.2 15.2

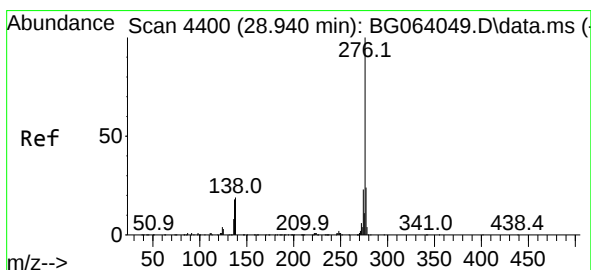
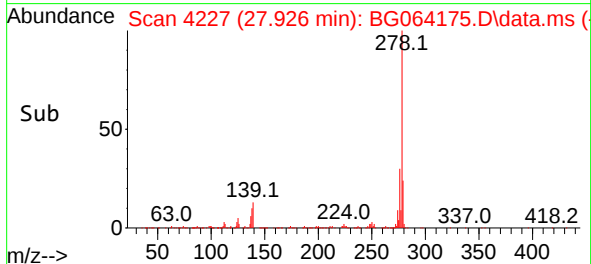
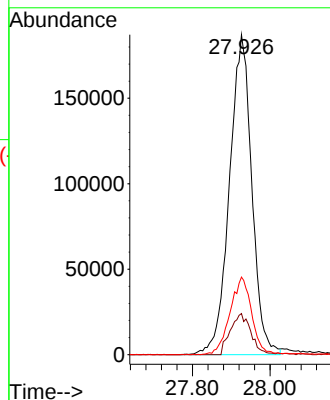
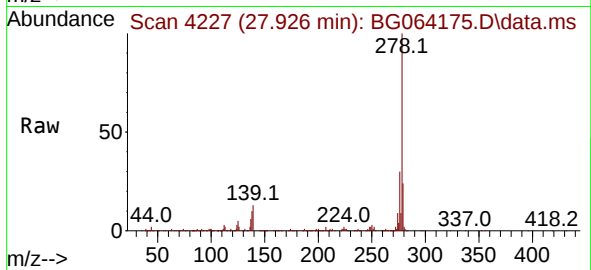
279 24.2 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#92

Benzo(g,h,i)perylene

Concen: 50.605 ng

RT: 28.925 min Scan# 4397

Delta R.T. -0.015 min

Lab File: BG064175.D

Acq: 3 Apr 2025 20:38

Tgt Ion:276 Resp: 722475

Ion Ratio Lower Upper

276 100

277 23.9 19.5 29.3

138 16.7 15.4 23.0

