

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064170.D
 Acq On : 3 Apr 2025 17:15
 Operator : RC/JU
 Sample : PB167376BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB167376BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 03 18:05:35 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	7.862	152	27960	20.000	ng	# 0.00
21) Naphthalene-d8	10.647	136	133904	20.000	ng	0.00
39) Acenaphthene-d10	14.484	164	104622	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	253744	20.000	ng	0.00
76) Chrysene-d12	21.458	240	248572	20.000	ng	0.00
86) Perylene-d12	24.466	264	269225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.447	112	267543	149.411	ng	0.00
7) Phenol-d6	7.028	99	359704	147.663	ng	0.00
23) Nitrobenzene-d5	9.014	82	248635	102.611	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	206413	177.491	ng	0.00
45) 2-Fluorobiphenyl	13.109	172	614878	89.208	ng	0.00
79) Terphenyl-d14	19.842	244	1199786	97.596	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	24770	30.523	ng	93
3) Pyridine	3.749	79	70590	35.767	ng	96
4) n-Nitrosodimethylamine	3.661	42	59614	42.276	ng	# 88
6) Aniline	7.186	93	88340	36.957	ng	97
8) 2-Chlorophenol	7.427	128	104209	54.186	ng	95
9) Benzaldehyde	6.998	77	57485	40.575	ng	95
10) Phenol	7.057	94	135365	54.275	ng	98
11) bis(2-Chloroethyl)ether	7.286	93	89445	45.745	ng	96
12) 1,3-Dichlorobenzene	7.750	146	99886	47.297	ng	99
13) 1,4-Dichlorobenzene	7.897	146	103511	47.818	ng	97
14) 1,2-Dichlorobenzene	8.209	146	100900	48.339	ng	99
15) Benzyl Alcohol	8.097	79	103341	54.898	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.385	45	210156m	47.799	ng	
17) 2-Methylphenol	8.303	107	93437	56.448	ng	95
18) Hexachloroethane	8.937	117	40179	53.051	ng	98
19) n-Nitroso-di-n-propyla...	8.667	70	82560	48.293	ng	98
20) 3+4-Methylphenols	8.626	107	128552	56.412	ng	94
22) Acetophenone	8.679	105	163158	44.441	ng	# 95
24) Nitrobenzene	9.055	77	123335	49.252	ng	97
25) Isophorone	9.578	82	234056	48.260	ng	96
26) 2-Nitrophenol	9.760	139	54908	59.983	ng	# 92
27) 2,4-Dimethylphenol	9.824	122	106013	72.915	ng	91
28) bis(2-Chloroethoxy)met...	10.059	93	133167	45.289	ng	99
29) 2,4-Dichlorophenol	10.294	162	101331	55.195	ng	97
30) 1,2,4-Trichlorobenzene	10.512	180	104187	47.011	ng	96
31) Naphthalene	10.700	128	336052	46.541	ng	99
32) Benzoic acid	9.971	122	81560m	58.719	ng	
33) 4-Chloroaniline	10.806	127	35846	13.583	ng	96
34) Hexachlorobutadiene	10.988	225	73766	50.780	ng	96
35) Caprolactam	11.569	113	39759m	56.513	ng	
36) 4-Chloro-3-methylphenol	11.934	107	137000	56.929	ng	97
37) 2-Methylnaphthalene	12.304	142	225038	44.148	ng	98
38) 1-Methylnaphthalene	12.527	142	245128	49.085	ng	99
40) 1,2,4,5-Tetrachloroben...	12.680	216	130005	43.525	ng	# 94
41) Hexachlorocyclopentadiene	12.662	237	194806	231.729	ng	94
43) 2,4,6-Trichlorophenol	12.915	196	98672	56.052	ng	95

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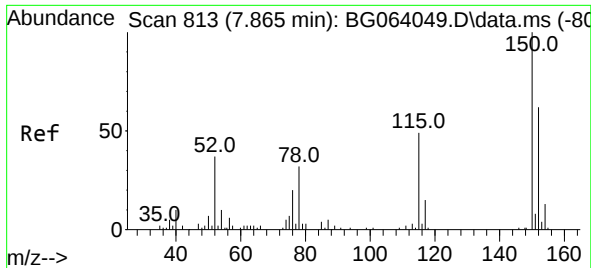
Manual Integrations
 APPROVED

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

Quant Time: Apr 03 18:05:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

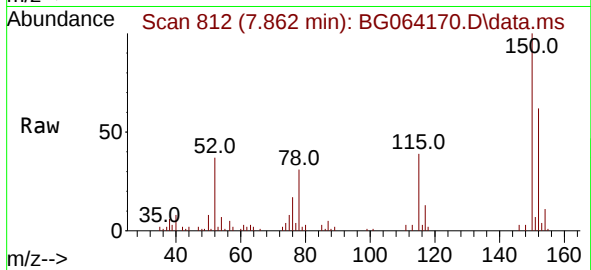
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	106117	54.251	ng	97
46) 1,1'-Biphenyl	13.320	154	360307	45.584	ng	98
47) 2-Chloronaphthalene	13.361	162	264715	45.919	ng	99
48) 2-Nitroaniline	13.555	65	107778	54.739	ng	95
49) Acenaphthylene	14.207	152	466461	51.156	ng	99
50) Dimethylphthalate	13.943	163	373965	48.423	ng	100
51) 2,6-Dinitrotoluene	14.061	165	82324	52.226	ng	96
52) Acenaphthene	14.548	154	284596	46.507	ng	96
53) 3-Nitroaniline	14.384	138	37527	25.142	ng	97
54) 2,4-Dinitrophenol	14.595	184	98791	144.214	ng	# 76
55) Dibenzofuran	14.883	168	453634	45.760	ng	96
56) 4-Nitrophenol	14.701	139	147343	117.703	ng	90
57) 2,4-Dinitrotoluene	14.848	165	126213	57.593	ng	# 99
58) Fluorene	15.529	166	382418	49.529	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.112	232	111852m	58.656	ng	
60) Diethylphthalate	15.312	149	423767	50.545	ng	99
61) 4-Chlorophenyl-phenyle...	15.529	204	186522	48.612	ng	# 87
62) 4-Nitroaniline	15.547	138	87108	54.054	ng	89
63) Azobenzene	15.823	77	418353	46.762	ng	99
65) 4,6-Dinitro-2-methylph...	15.606	198	74227	64.355	ng	93
66) n-Nitrosodiphenylamine	15.741	169	348494	48.520	ng	98
67) 4-Bromophenyl-phenylether	16.422	248	130888	50.365	ng	96
68) Hexachlorobenzene	16.534	284	142137	48.853	ng	98
69) Atrazine	16.693	200	139921	66.209	ng	96
70) Pentachlorophenol	16.881	266	192761	106.706	ng	99
71) Phenanthrene	17.269	178	653436	48.280	ng	98
72) Anthracene	17.357	178	679289	50.475	ng	98
73) Carbazole	17.627	167	614384	48.896	ng	98
74) Di-n-butylphthalate	18.197	149	749181	50.653	ng	100
75) Fluoranthene	19.278	202	756375	46.357	ng	98
77) Benzidine	19.460	184	200166	58.154	ng	99
78) Pyrene	19.636	202	783605	48.904	ng	100
80) Butylbenzylphthalate	20.535	149	334596	55.069	ng	97
81) Benzo(a)anthracene	21.434	228	796877	50.046	ng	99
82) 3,3'-Dichlorobenzidine	21.358	252	146108	28.353	ng	97
83) Chrysene	21.499	228	747304	47.057	ng	99
84) Bis(2-ethylhexyl)phtha...	21.370	149	491136	57.034	ng	99
85) Di-n-octyl phthalate	22.509	149	855705	57.611	ng	99
87) Indeno(1,2,3-cd)pyrene	27.874	276	928667	51.555	ng	# 96
88) Benzo(b)fluoranthene	23.520	252	765183	47.014	ng	99
89) Benzo(k)fluoranthene	23.585	252	788472	48.290	ng	99
90) Benzo(a)pyrene	24.331	252	742012	51.191	ng	95
91) Dibenzo(a,h)anthracene	27.933	278	757065	50.695	ng	98
92) Benzo(g,h,i)perylene	28.925	276	736625	48.043	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

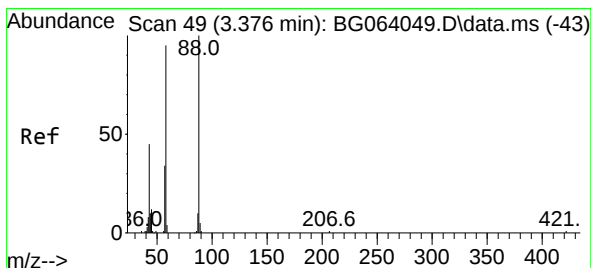
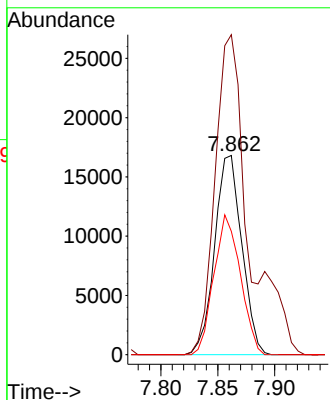
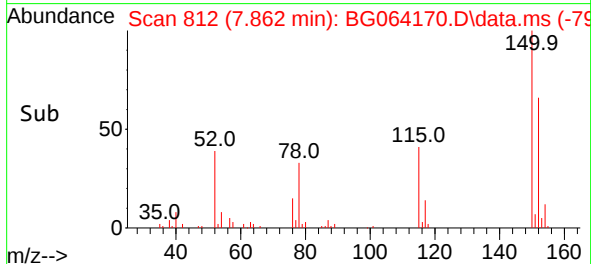
Instrument :
BNA_G
ClientSampleId :
PB167376BS



Tgt Ion:152 Resp: 27960
Ion Ratio Lower Upper
152 100
150 160.6 129.2 193.8
115 62.0 63.0 94.6

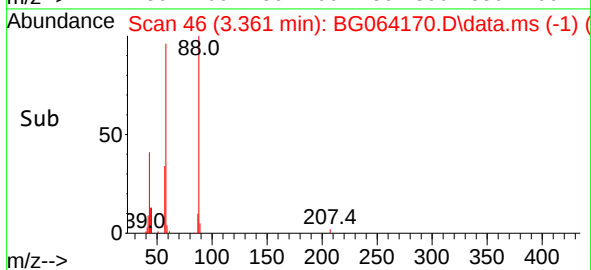
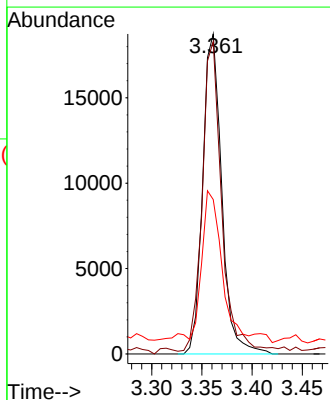
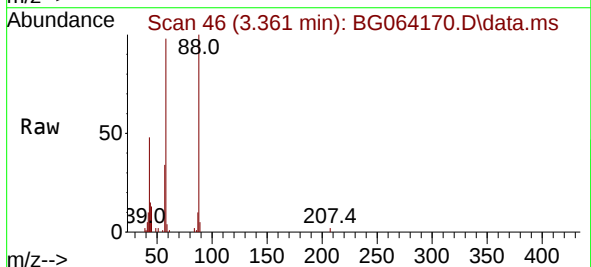
Manual Integrations
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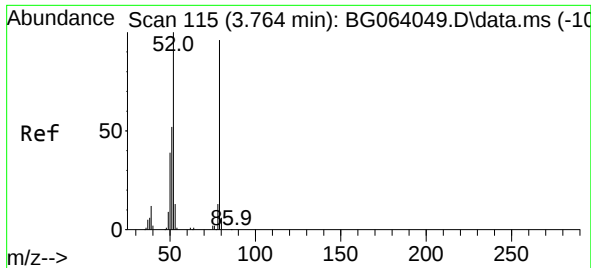
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#2
1,4-Dioxane
Concen: 30.523 ng
RT: 3.361 min Scan# 46
Delta R.T. -0.014 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

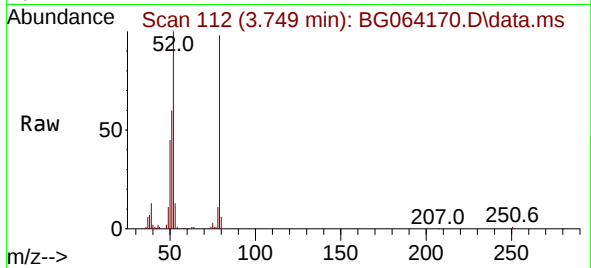
Tgt Ion: 88 Resp: 24770
Ion Ratio Lower Upper
88 100
58 100.7 74.6 111.8
43 48.2 35.5 53.3





#3
Pyridine
Concen: 35.767 ng
RT: 3.749 min Scan# 115
Delta R.T. -0.014 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

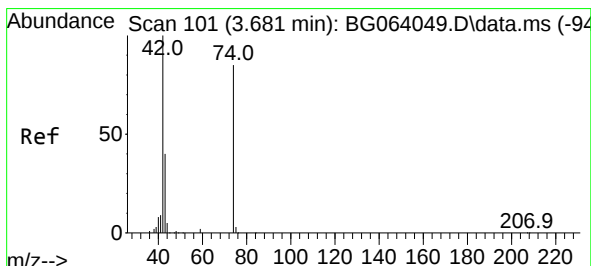
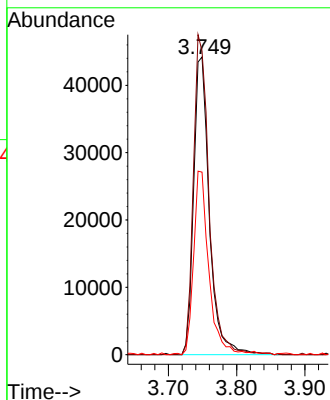
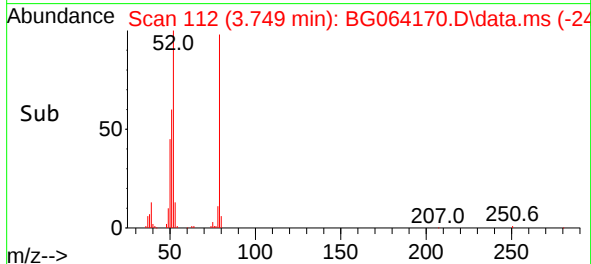
Instrument :
BNA_G
ClientSampleId :
PB167376BS



Tgt Ion: 79 Resp: 70590
Ion Ratio Lower Upper
79 100
52 101.9 83.0 124.6
51 61.3 44.3 66.5

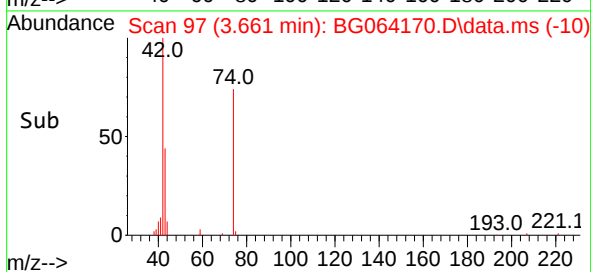
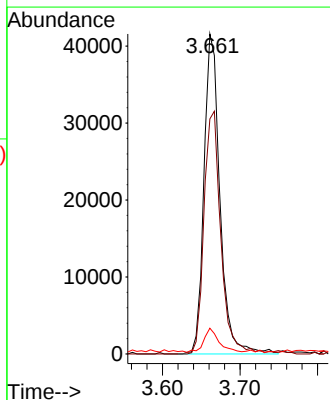
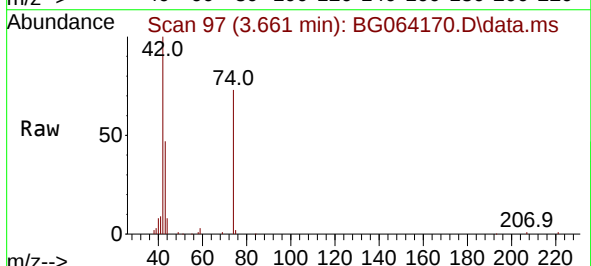
Manual Integrations
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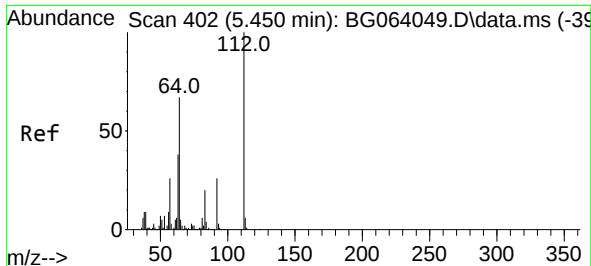
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#4
n-Nitrosodimethylamine
Concen: 42.276 ng
RT: 3.661 min Scan# 97
Delta R.T. -0.020 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

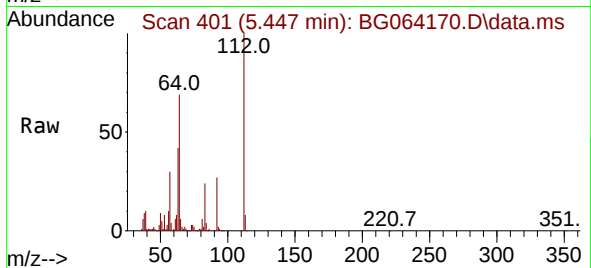
Tgt Ion: 42 Resp: 59614
Ion Ratio Lower Upper
42 100
74 73.5 68.0 102.0
44 8.1 4.9 7.3





#5
2-Fluorophenol
Concen: 149.411 ng
RT: 5.447 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

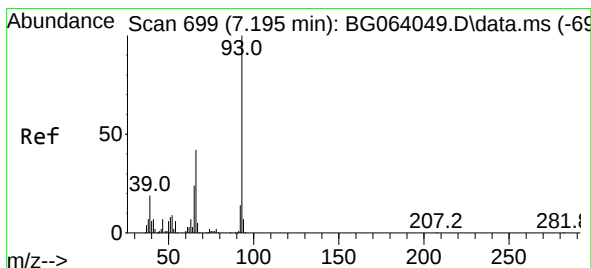
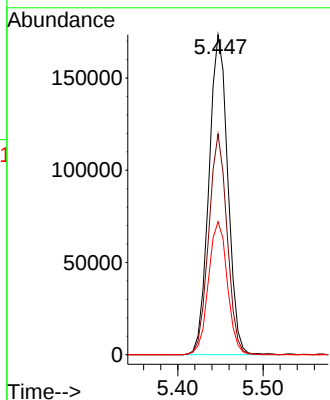
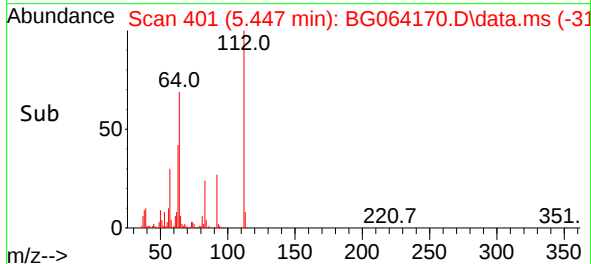
Instrument :
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ClientSampleId :
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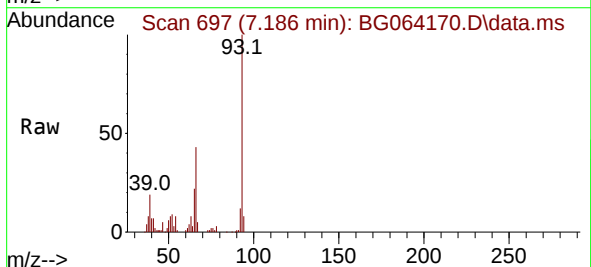
Tgt Ion:112 Resp: 26754
Ion Ratio Lower Upper
112 100
64 68.9 53.7 80.5
63 41.5 30.2 45.4

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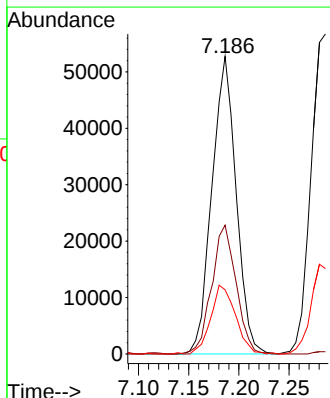
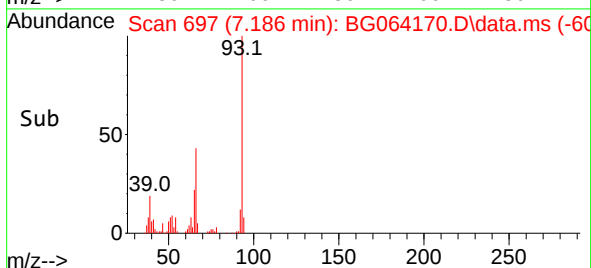
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

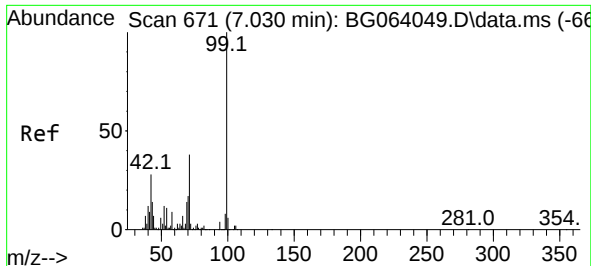


#6
Aniline
Concen: 36.957 ng
RT: 7.186 min Scan# 697
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15



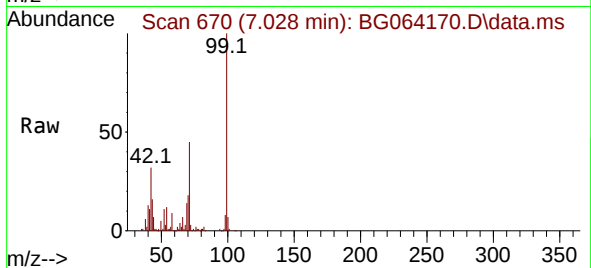
Tgt Ion: 93 Resp: 88340
Ion Ratio Lower Upper
93 100
66 43.3 33.7 50.5
65 21.6 19.1 28.7





#7
Phenol-d6
Concen: 147.663 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

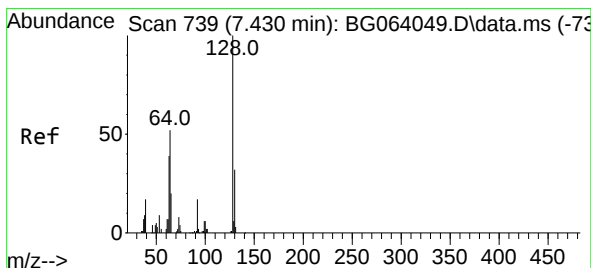
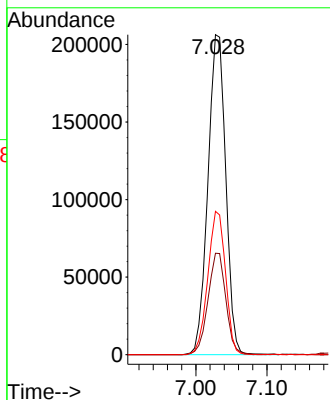
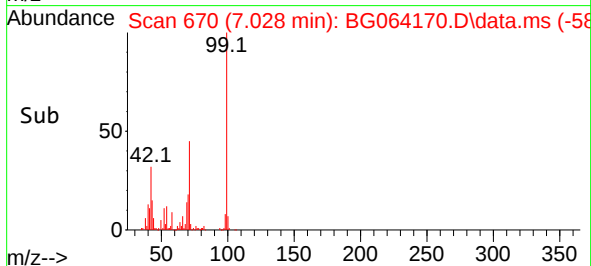
Instrument :
BNA_G
ClientSampleId :
PB167376BS



Tgt Ion: 99 Resp: 359704
Ion Ratio Lower Upper
99 100
42 31.7 22.7 34.1
71 44.8 30.6 46.0

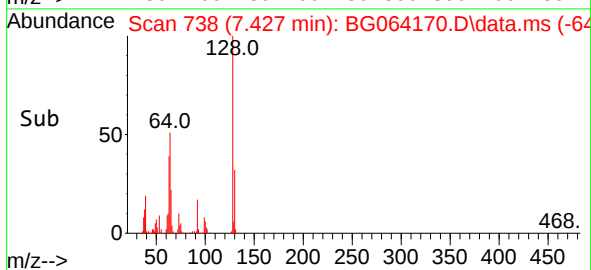
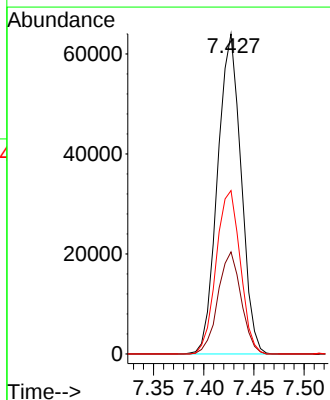
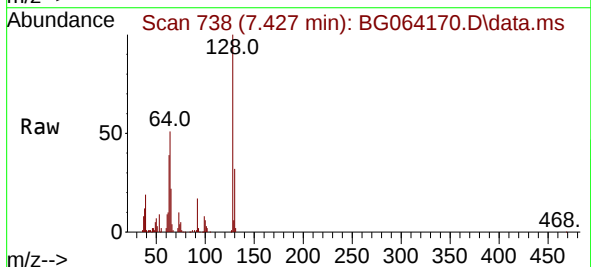
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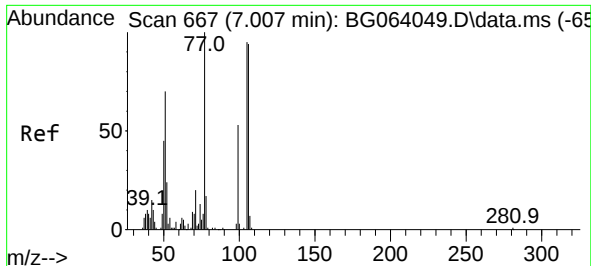
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#8
2-Chlorophenol
Concen: 54.186 ng
RT: 7.427 min Scan# 738
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Tgt Ion:128 Resp: 104209
Ion Ratio Lower Upper
128 100
130 31.9 12.3 52.3
64 51.0 37.0 77.0





#9
Benzaldehyde
Concen: 40.575 ng
RT: 6.998 min Scan# 665
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

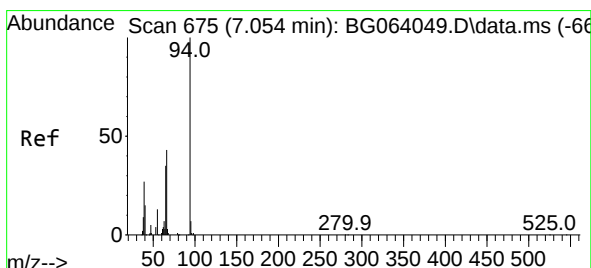
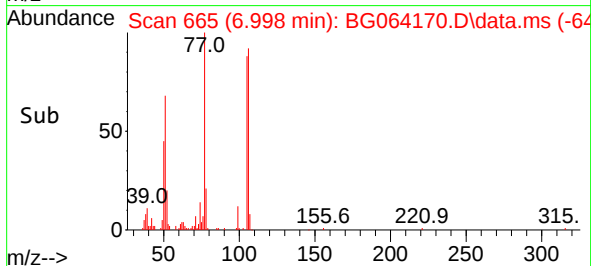
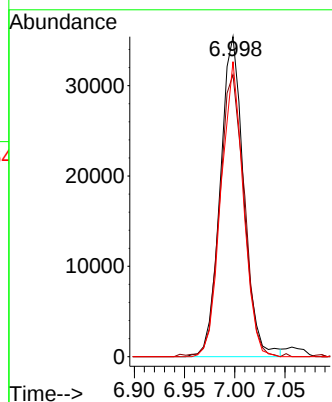
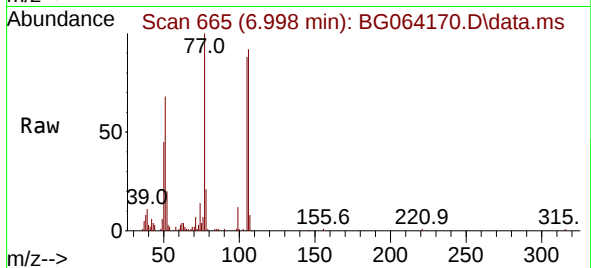
PB167376BS

Tgt Ion: 77 Resp: 5748
Ion Ratio Lower Upper
77 100
105 88.2 75.5 115.5
106 92.2 74.2 114.2

Manual Integrations

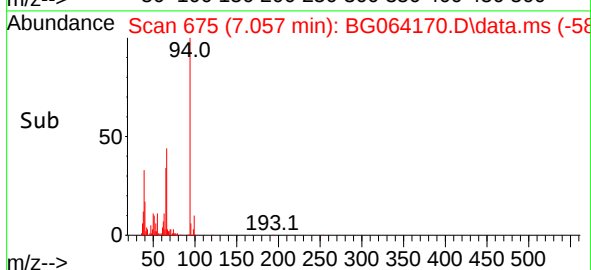
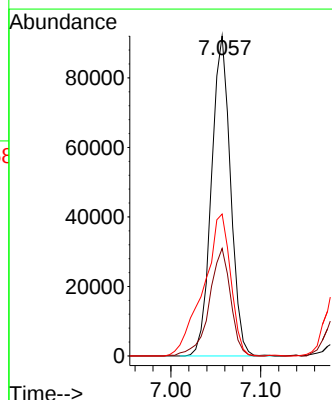
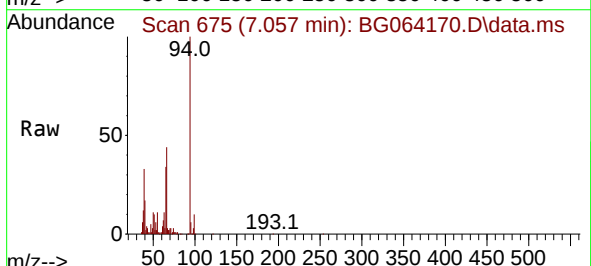
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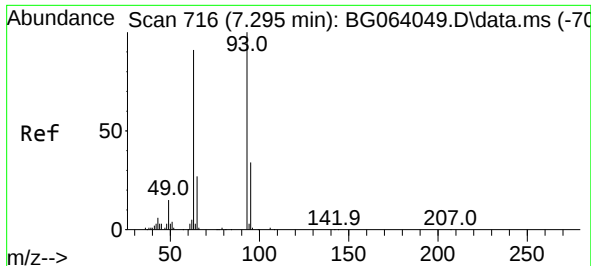
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#10
Phenol
Concen: 54.275 ng
RT: 7.057 min Scan# 675
Delta R.T. 0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Tgt Ion: 94 Resp: 135365
Ion Ratio Lower Upper
94 100
65 33.6 15.2 55.2
66 44.4 25.1 65.1





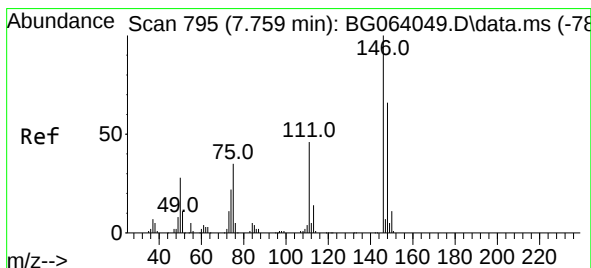
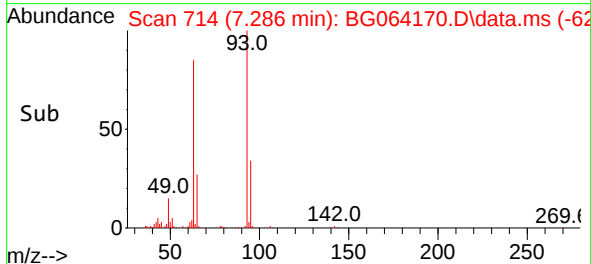
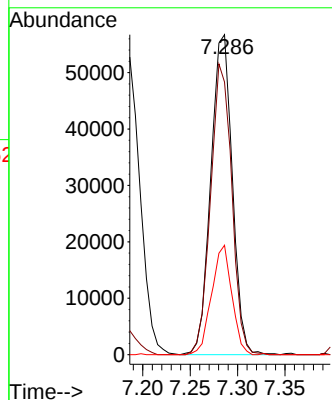
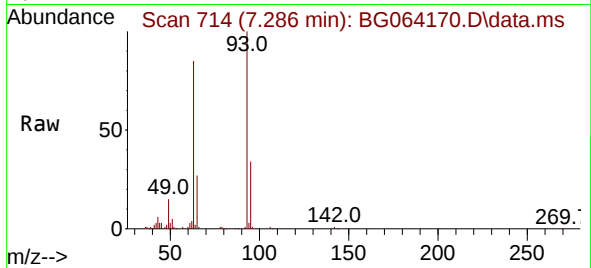
#11
bis(2-Chloroethyl)ether
Concen: 45.745 ng
RT: 7.286 min Scan# 716
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :
BNA_G
ClientSampleId :
PB167376BS

Tgt Ion: 93 Resp: 8944
Ion Ratio Lower Upper
93 100
63 85.2 70.0 110.0
95 34.2 13.7 53.7

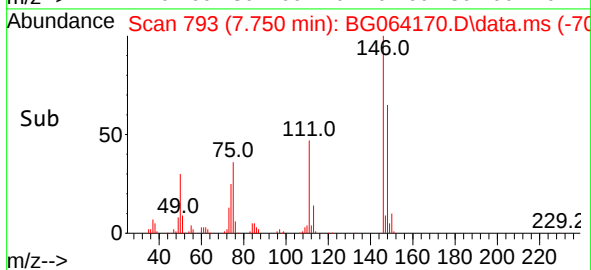
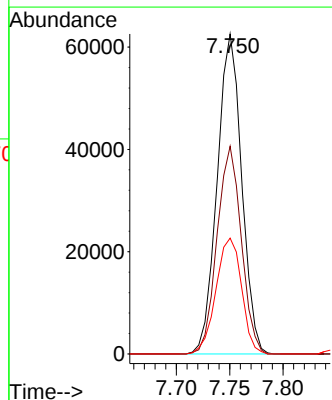
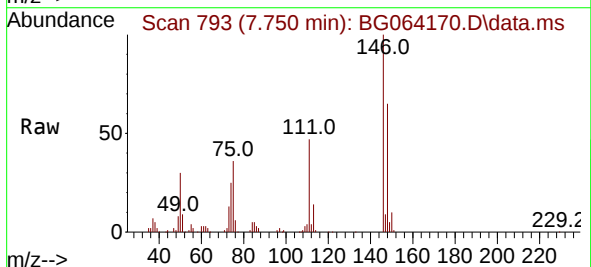
Manual Integrations
APPROVED

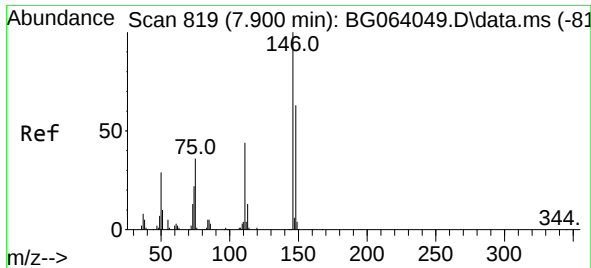
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#12
1,3-Dichlorobenzene
Concen: 47.297 ng
RT: 7.750 min Scan# 793
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

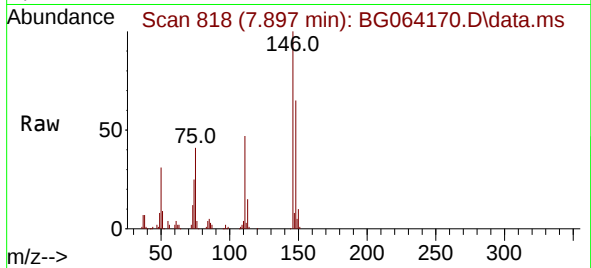
Tgt Ion:146 Resp: 99886
Ion Ratio Lower Upper
146 100
148 64.9 52.6 78.8
75 36.2 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 47.818 ng
RT: 7.897 min Scan# 819
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

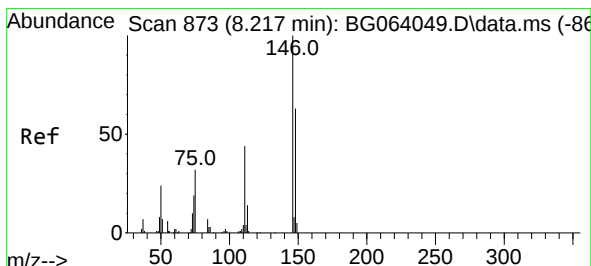
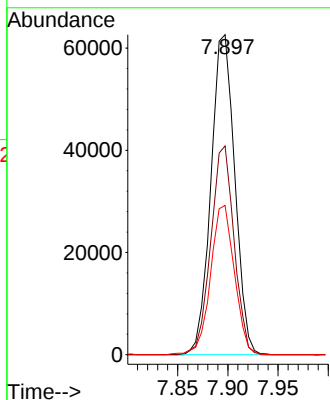
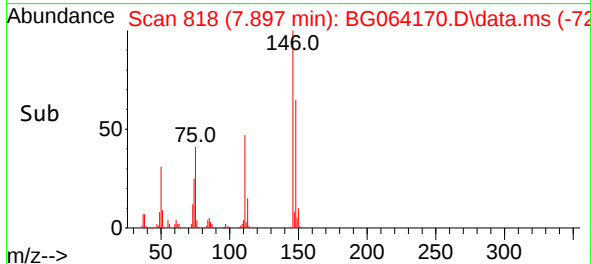
Instrument :
BNA_G
ClientSampleId :
PB167376BS



Tgt Ion:146 Resp: 10351
Ion Ratio Lower Upper
146 100
148 65.2 50.6 75.8
111 46.7 35.1 52.7

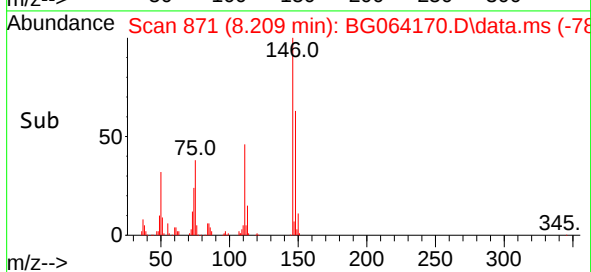
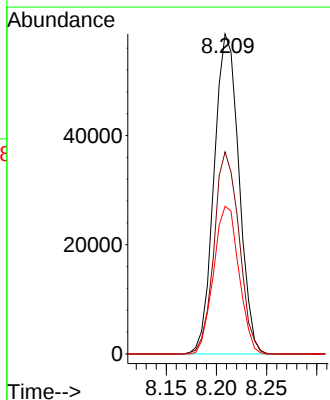
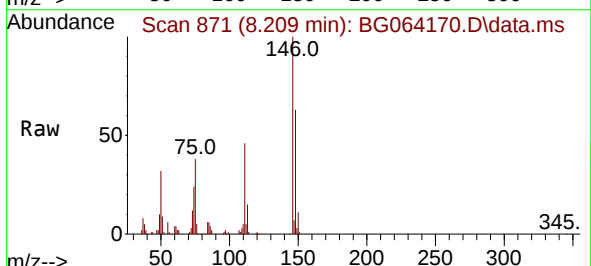
Manual Integrations
APPROVED

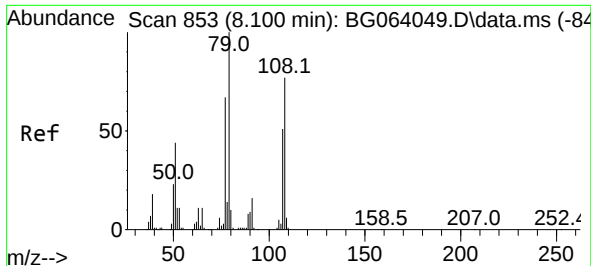
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#14
1,2-Dichlorobenzene
Concen: 48.339 ng
RT: 8.209 min Scan# 871
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

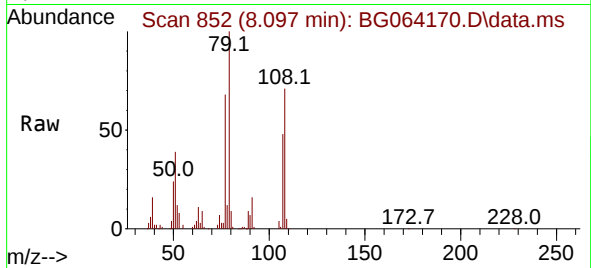
Tgt Ion:146 Resp: 100900
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.2
111 46.2 36.4 54.6





#15
Benzyl Alcohol
Concen: 54.898 ng
RT: 8.097 min Scan# 853
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

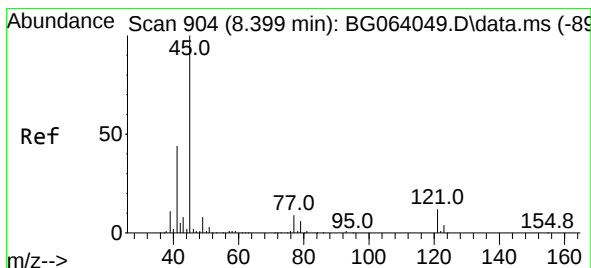
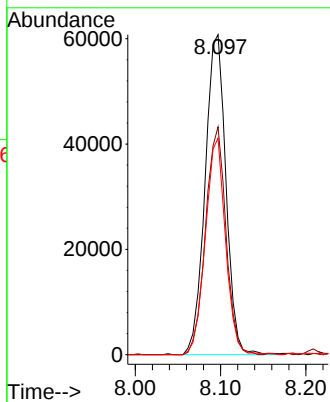
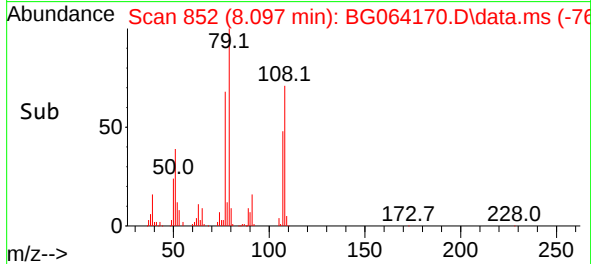
Instrument :
BNA_G
ClientSampleId :
PB167376BS



Tgt Ion: 79 Resp: 10334
Ion Ratio Lower Upper
79 100
108 71.2 61.7 92.5
77 67.7 53.9 80.9

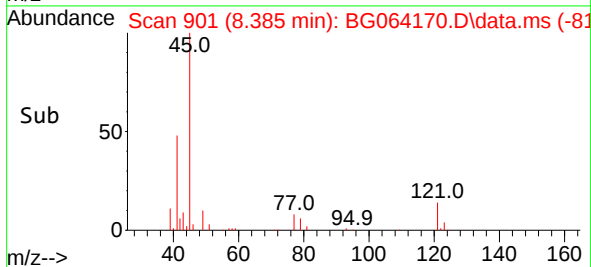
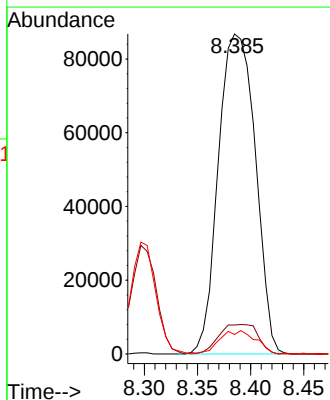
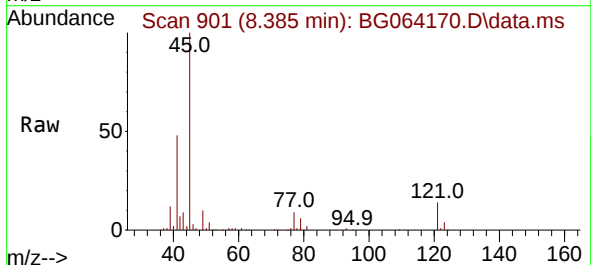
Manual Integrations
APPROVED

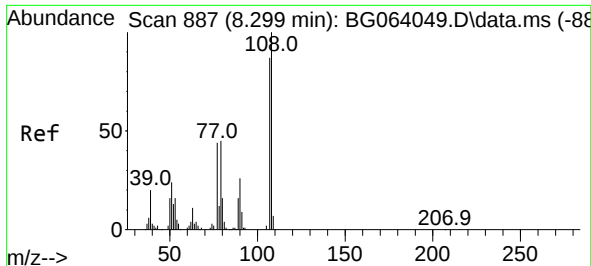
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.799 ng m
RT: 8.385 min Scan# 901
Delta R.T. -0.015 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Tgt Ion: 45 Resp: 210156
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 6.1 0.0 26.6





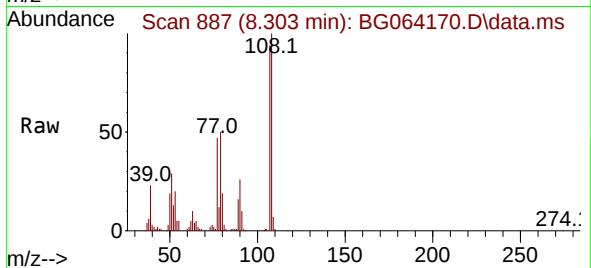
#17
2-Methylphenol
Concen: 56.448 ng
RT: 8.303 min Scan# 887
Delta R.T. 0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS



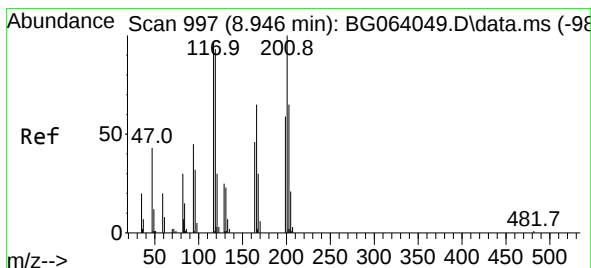
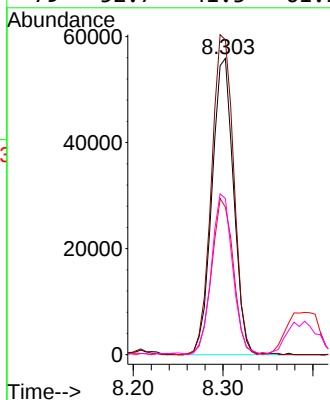
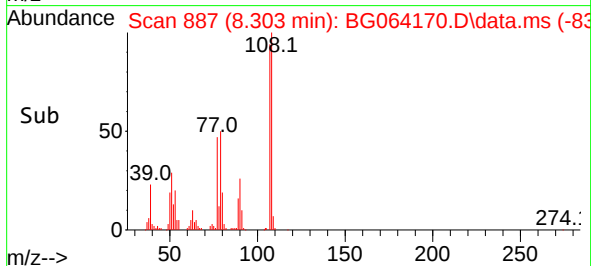
Tgt Ion:	107	Resp:	9343
Ion	Ratio	Lower	Upper
107	100		
108	106.3	92.5	138.7
77	49.8	40.5	60.7
79	52.7	41.3	61.9

Manual Integrations

APPROVED

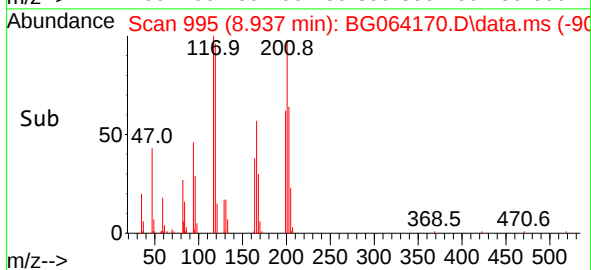
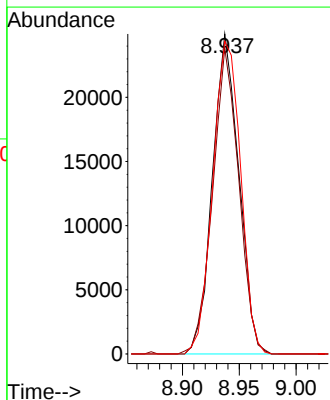
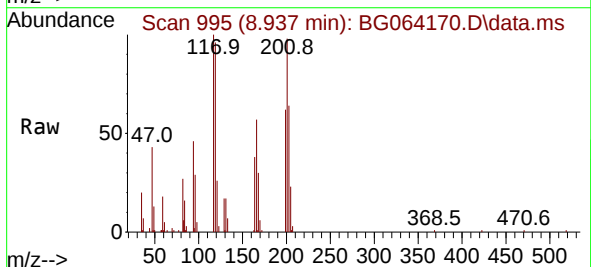
Reviewed By :Rahul Chavli 04/04/2025

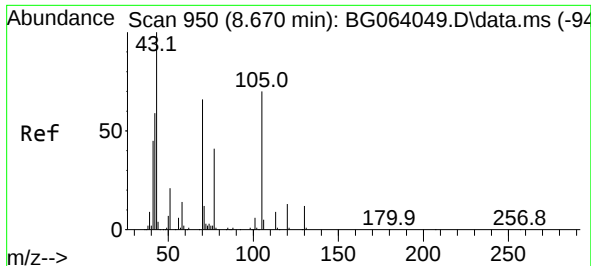
Supervised By :Jagrut Upadhyay 04/04/2025



#18
Hexachloroethane
Concen: 53.051 ng
RT: 8.937 min Scan# 995
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Tgt Ion:	117	Resp:	40179
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.2	114.2
201	97.7	81.5	122.3





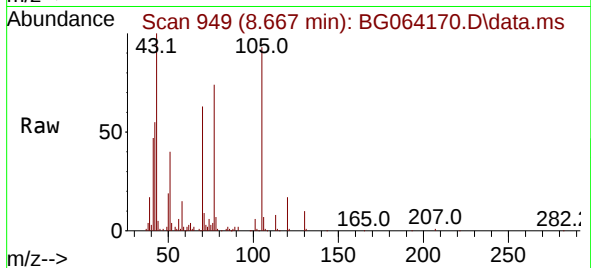
#19
n-Nitroso-di-n-propylamine
Concen: 48.293 ng
RT: 8.667 min Scan# 949
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS



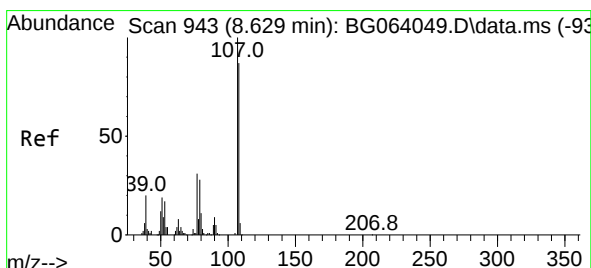
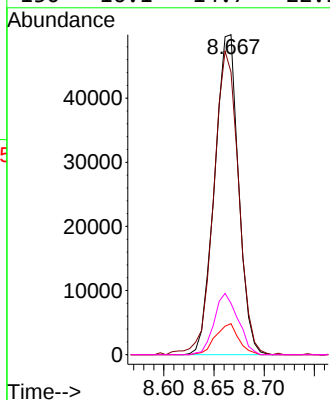
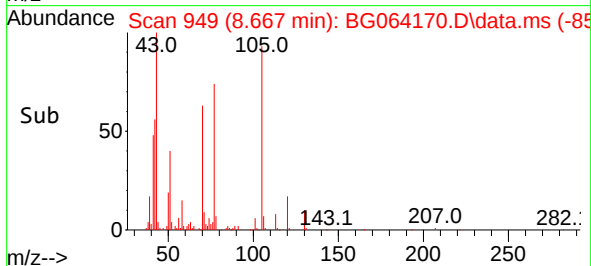
Tgt Ion: 70 Resp: 82560
Ion Ratio Lower Upper
70 100
42 88.3 72.1 108.1
101 9.7 7.2 10.8
130 16.1 14.7 22.1

Manual Integrations

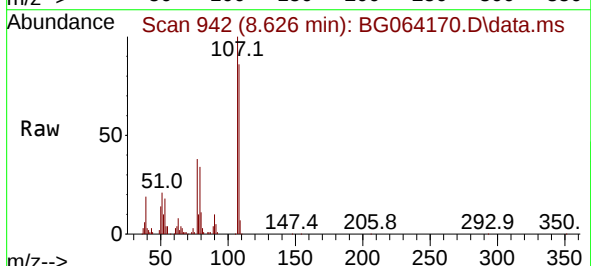
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

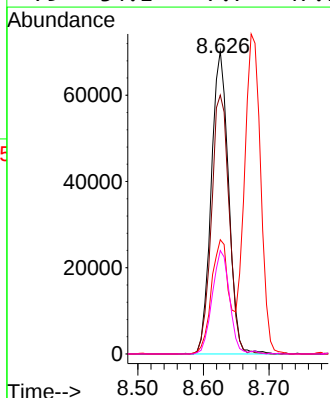
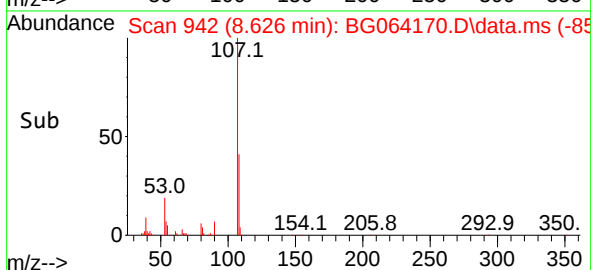
Supervised By :Jagrut Upadhyay 04/04/2025

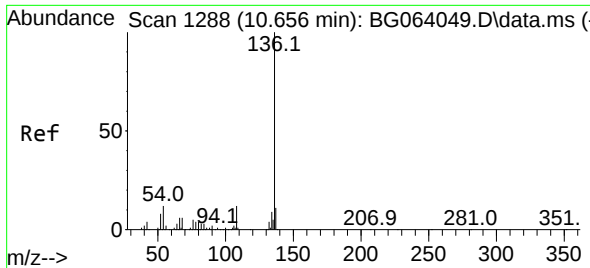


#20
3+4-Methylphenols
Concen: 56.412 ng
RT: 8.626 min Scan# 942
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15



Tgt Ion:107 Resp: 128552
Ion Ratio Lower Upper
107 100
108 85.5 67.0 107.0
77 37.7 11.2 51.2
79 34.1 7.7 47.7





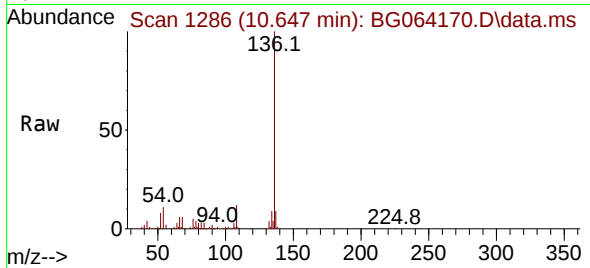
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS



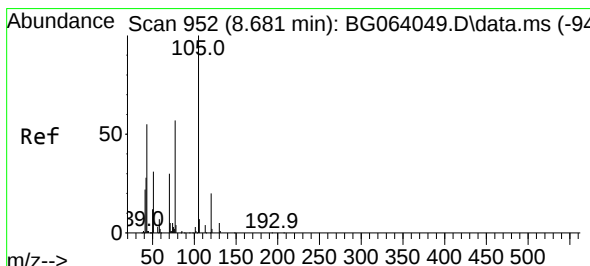
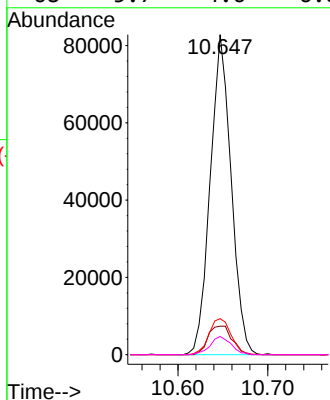
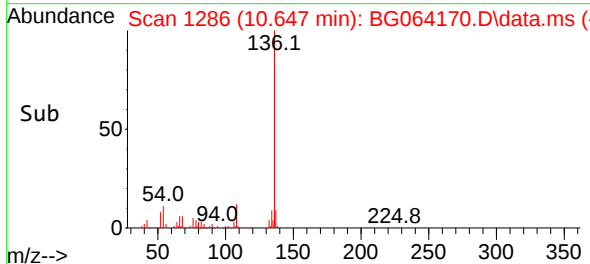
Tgt Ion:136 Resp: 133904
Ion Ratio Lower Upper
136 100
137 8.9 8.5 12.7
54 11.3 9.9 14.9
68 5.7 4.6 6.8

Manual Integrations

APPROVED

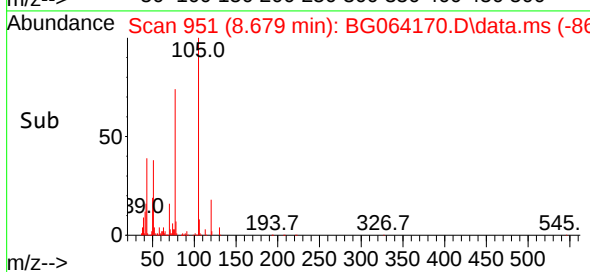
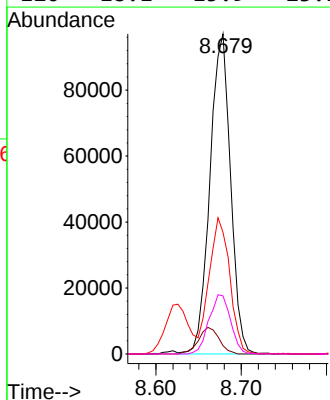
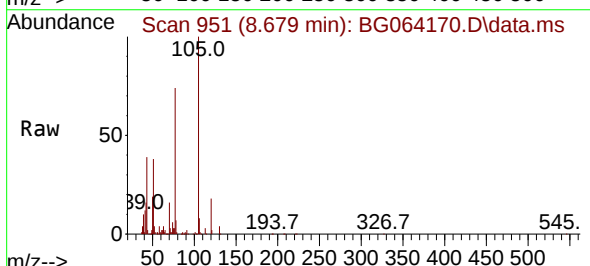
Reviewed By :Rahul Chavli 04/04/2025

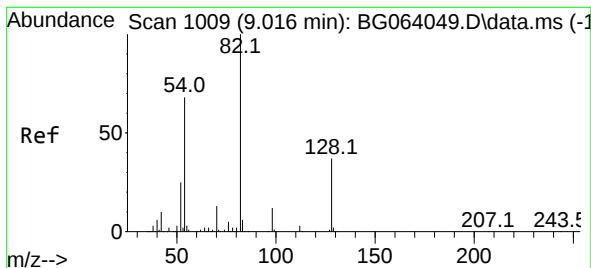
Supervised By :Jagrut Upadhyay 04/04/2025



#22
Acetophenone
Concen: 44.441 ng
RT: 8.679 min Scan# 951
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Tgt Ion:105 Resp: 163158
Ion Ratio Lower Upper
105 100
71 2.6 4.2 6.4#
51 38.0 33.3 49.9
120 18.1 15.9 23.9





#23

Nitrobenzene-d5

Concen: 102.611 ng

RT: 9.014 min Scan# 1008

Delta R.T. -0.003 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS

Tgt Ion: 82 Resp: 248635

Ion Ratio Lower Upper

82 100

128 39.5 30.0 45.0

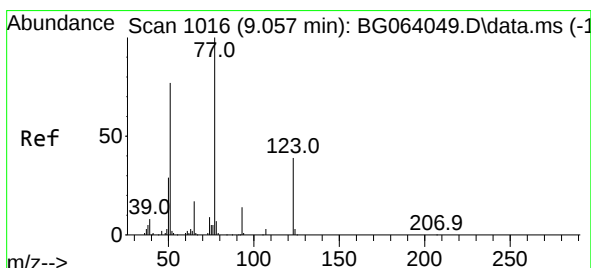
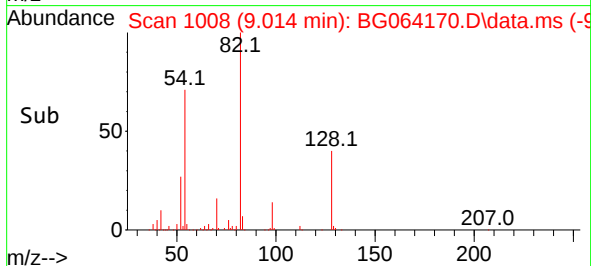
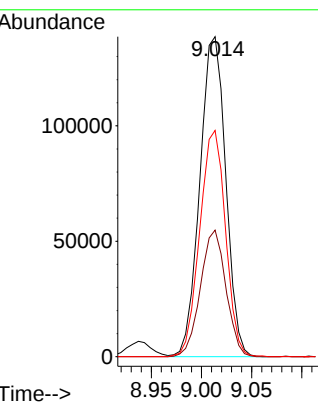
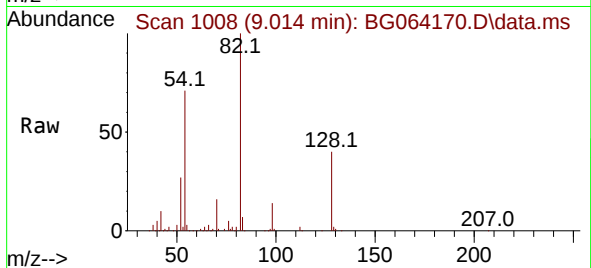
54 70.7 54.7 82.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#24

Nitrobenzene

Concen: 49.252 ng

RT: 9.055 min Scan# 1015

Delta R.T. -0.003 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

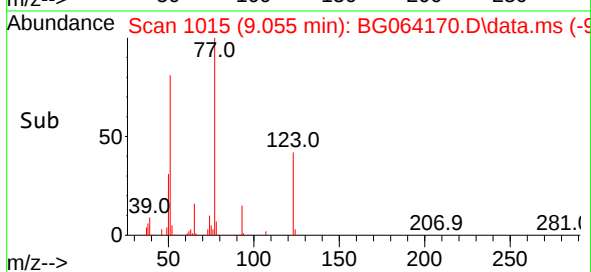
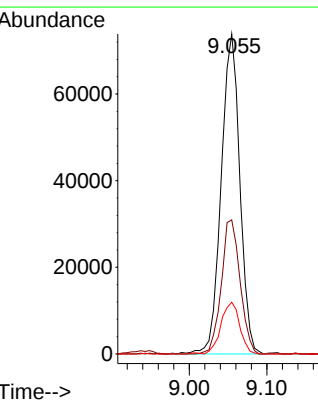
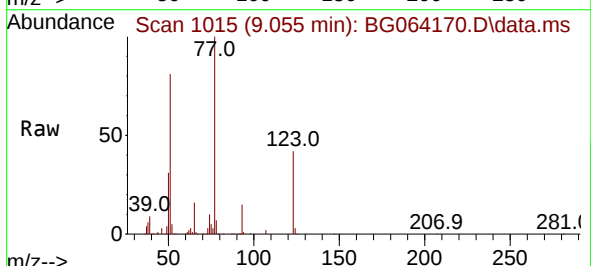
Tgt Ion: 77 Resp: 123335

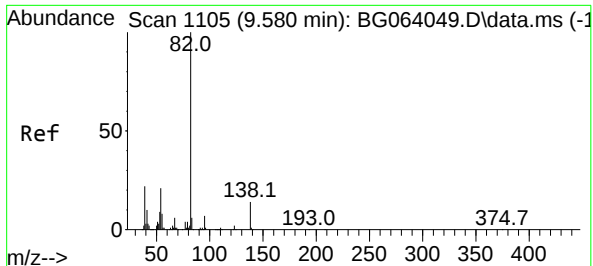
Ion Ratio Lower Upper

77 100

123 41.9 31.4 47.2

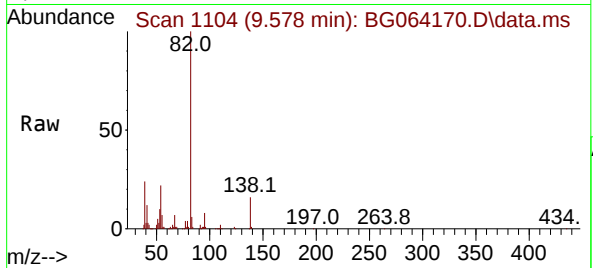
65 16.2 13.4 20.0





#25
Isophorone
Concen: 48.260 ng
RT: 9.578 min Scan# 1104
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

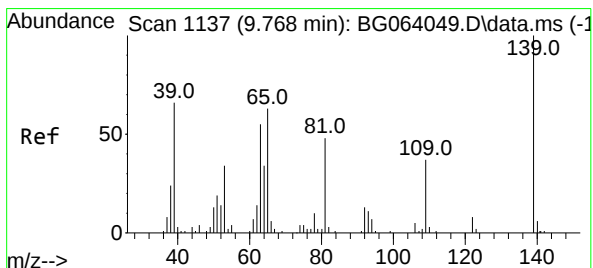
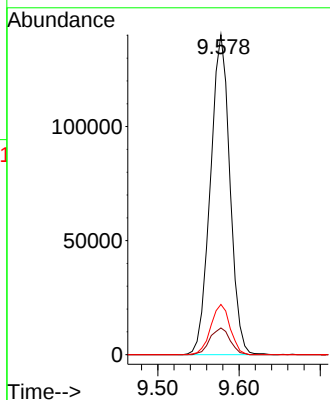
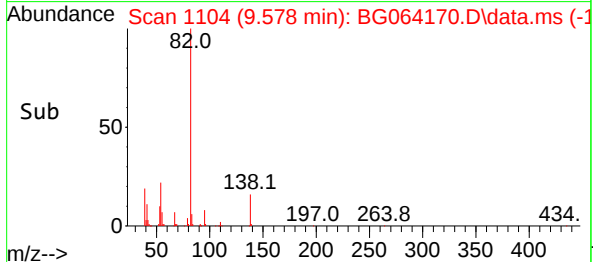
Instrument :
BNA_G
ClientSampleId :
PB167376BS



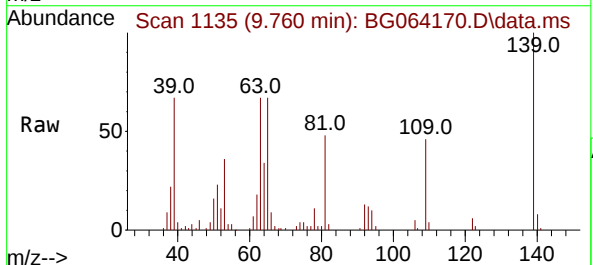
Tgt Ion: 82 Resp: 234056
Ion Ratio Lower Upper
82 100
95 8.3 5.8 8.8
138 15.7 10.9 16.3

Manual Integrations
APPROVED

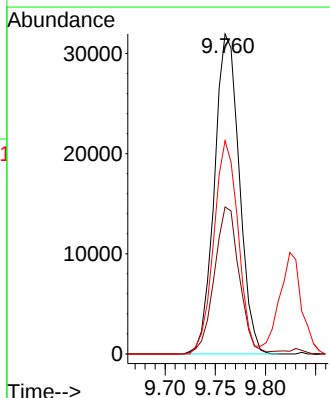
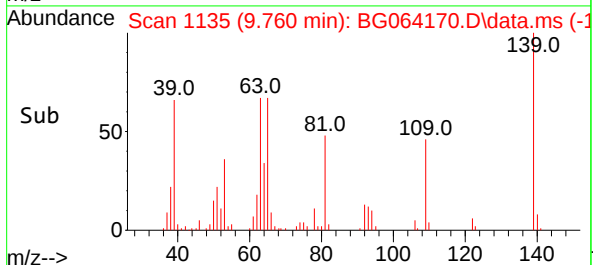
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

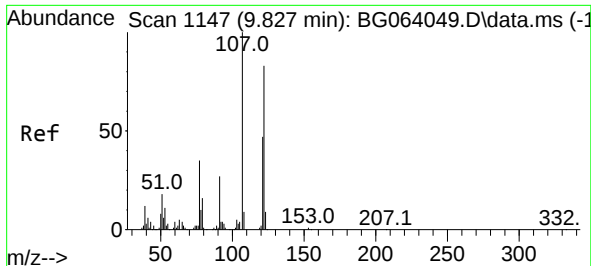


#26
2-Nitrophenol
Concen: 59.983 ng
RT: 9.760 min Scan# 1135
Delta R.T. -0.008 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15



Tgt Ion:139 Resp: 54908
Ion Ratio Lower Upper
139 100
109 45.9 29.9 44.9#
65 66.7 50.6 76.0





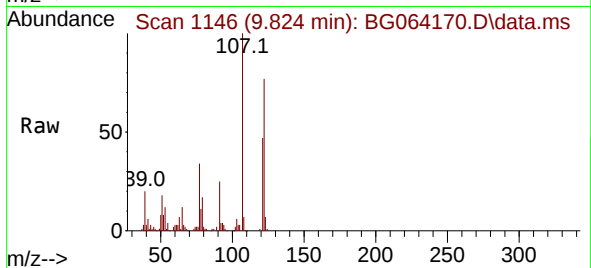
#27
2,4-Dimethylphenol
Concen: 72.915 ng
RT: 9.824 min Scan# 1146
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS



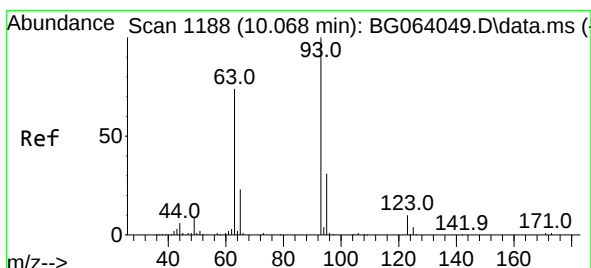
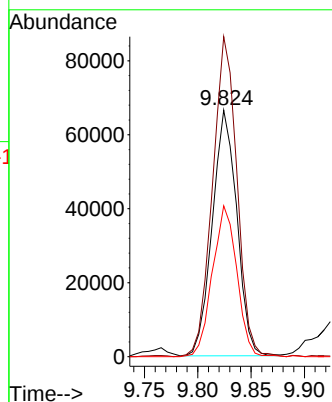
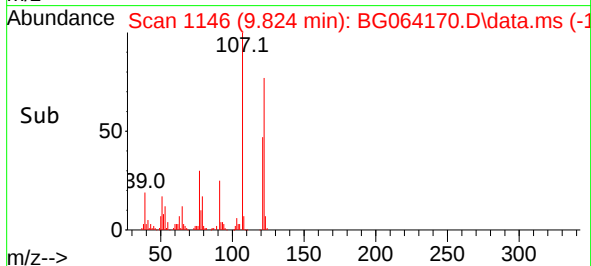
Tgt Ion:122 Resp: 10601
Ion Ratio Lower Upper
122 100
107 129.8 95.4 143.0
121 61.2 44.9 67.3

Manual Integrations

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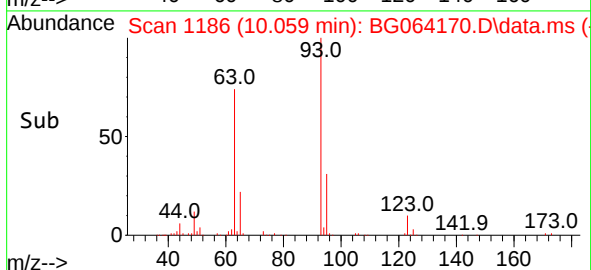
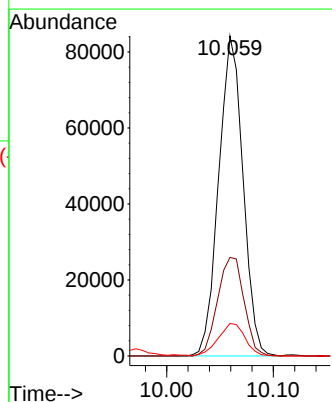
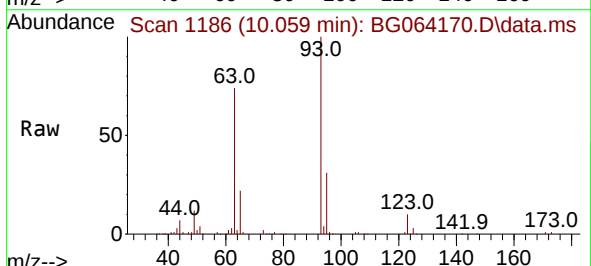
Reviewed By :Rahul Chavli 04/04/2025

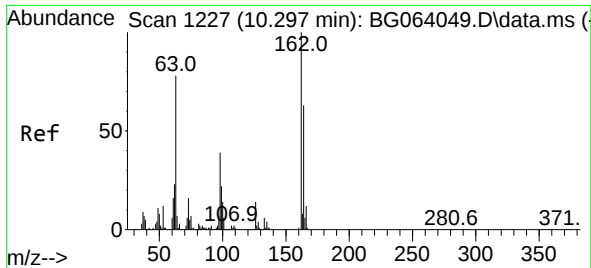
Supervised By :Jagrut Upadhyay 04/04/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.289 ng
RT: 10.059 min Scan# 1186
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

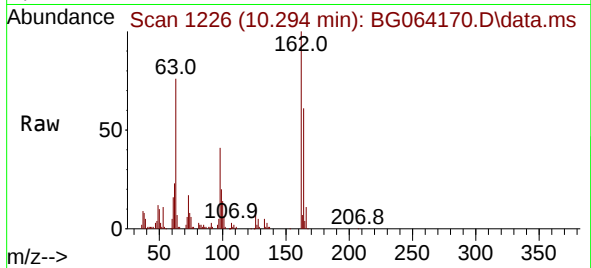
Tgt Ion: 93 Resp: 133167
Ion Ratio Lower Upper
93 100
95 30.8 25.0 37.4
123 10.2 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 55.195 ng
RT: 10.294 min Scan# 1226
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

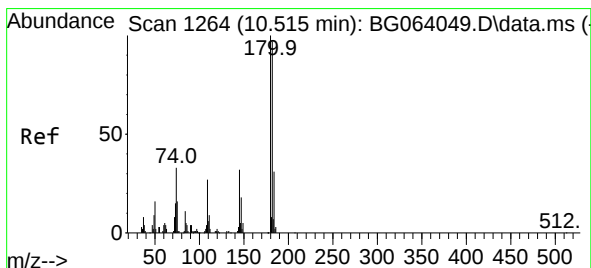
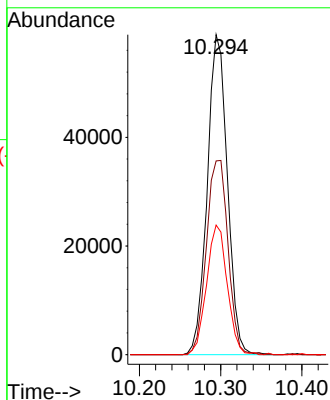
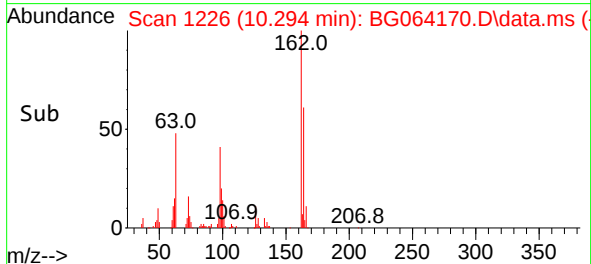
Instrument :
BNA_G
ClientSampleId :
PB167376BS



Tgt Ion:162 Resp: 10133
Ion Ratio Lower Upper
162 100
164 60.6 42.8 82.8
98 40.5 19.1 59.1

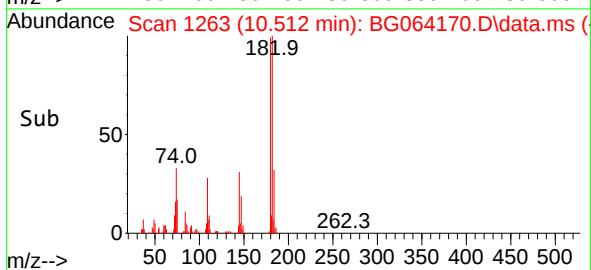
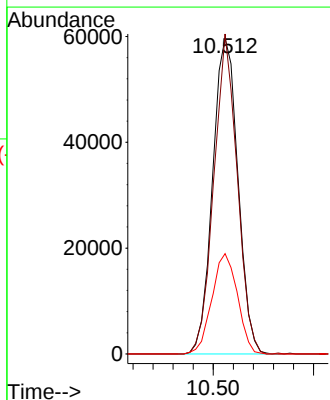
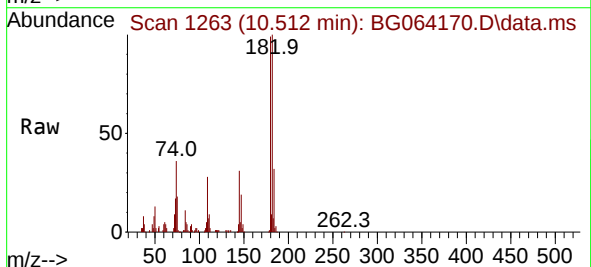
Manual Integrations
APPROVED

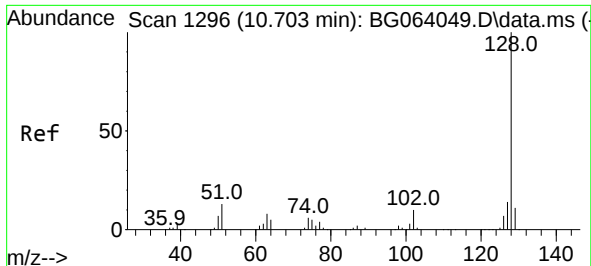
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#30
1,2,4-Trichlorobenzene
Concen: 47.011 ng
RT: 10.512 min Scan# 1263
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Tgt Ion:180 Resp: 104187
Ion Ratio Lower Upper
180 100
182 101.3 77.3 115.9
145 31.8 25.2 37.8





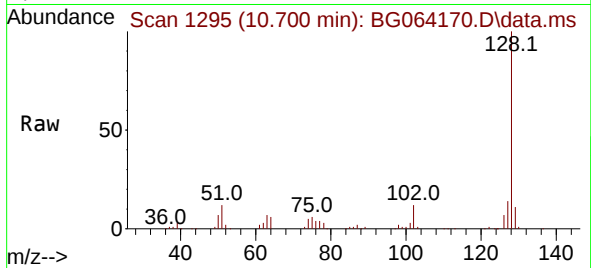
#31
Naphthalene
Concen: 46.541 ng
RT: 10.700 min Scan# 1170
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS



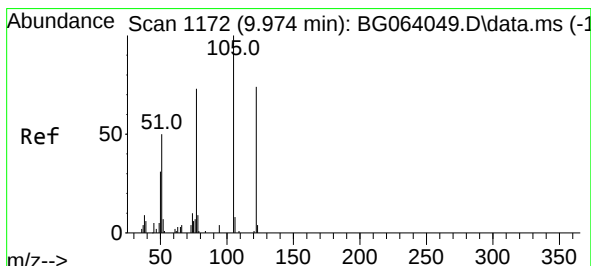
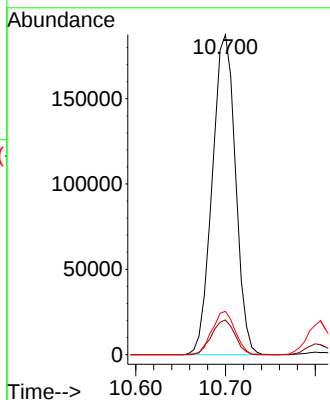
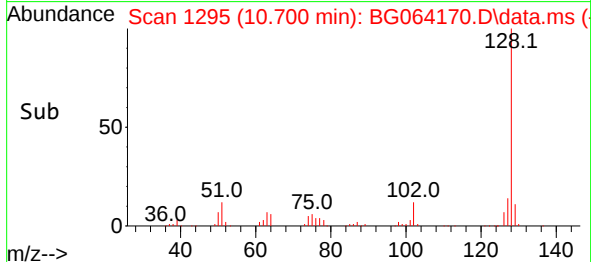
Tgt Ion:128 Resp: 336052
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.6 11.1 16.7

Manual Integrations

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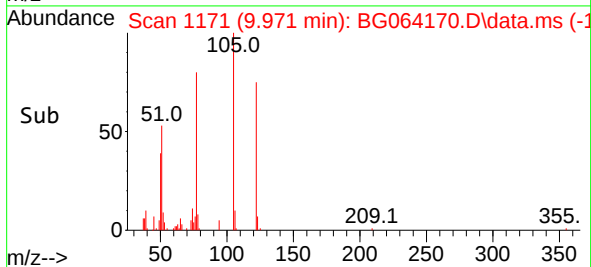
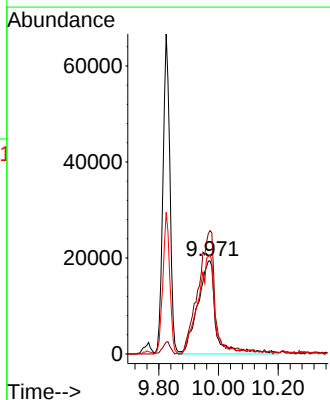
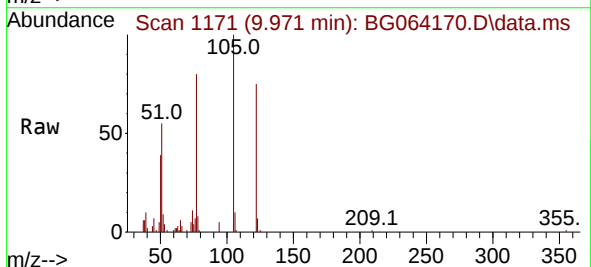
Reviewed By :Rahul Chavli 04/04/2025

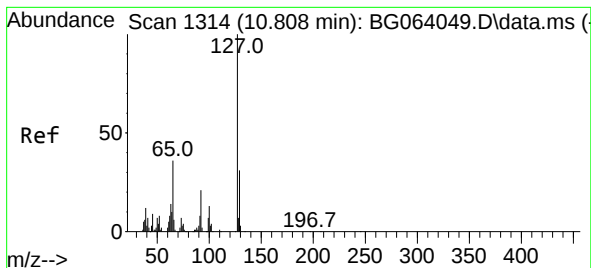
Supervised By :Jagrut Upadhyay 04/04/2025



#32
Benzoic acid
Concen: 58.719 ng m
RT: 9.971 min Scan# 1171
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Tgt Ion:122 Resp: 81560
Ion Ratio Lower Upper
122 100
105 132.5 115.0 155.0
77 106.2 80.9 120.9





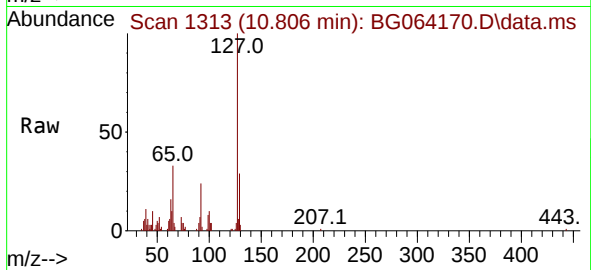
#33
4-Chloroaniline
Concen: 13.583 ng
RT: 10.806 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS



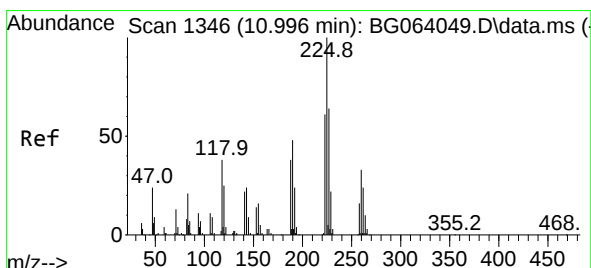
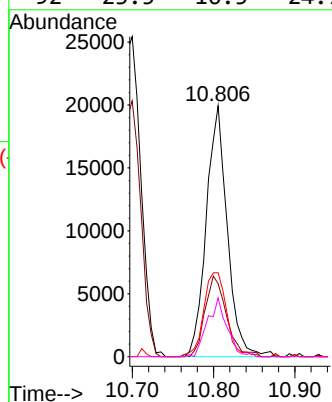
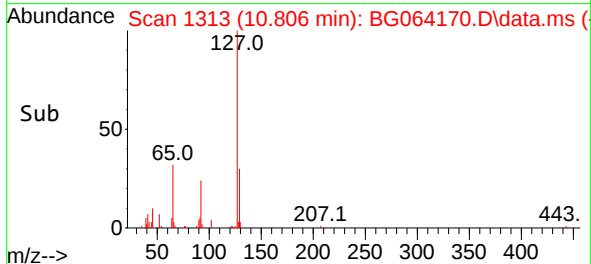
Tgt Ion:127 Resp: 35840
Ion Ratio Lower Upper
127 100
129 29.1 25.0 37.4
65 33.5 28.5 42.7
92 23.5 16.5 24.7

Manual Integrations

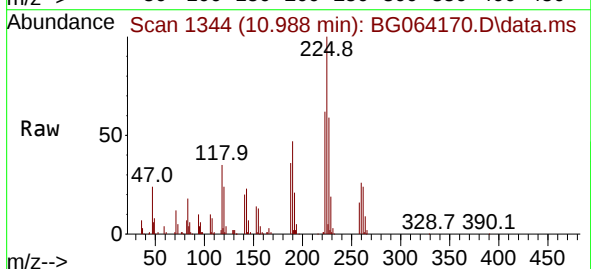
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

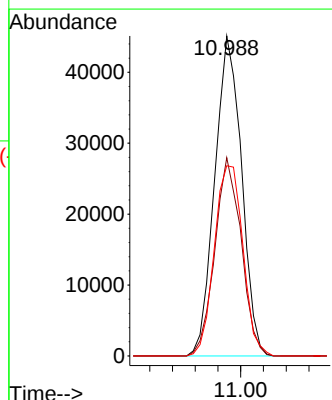
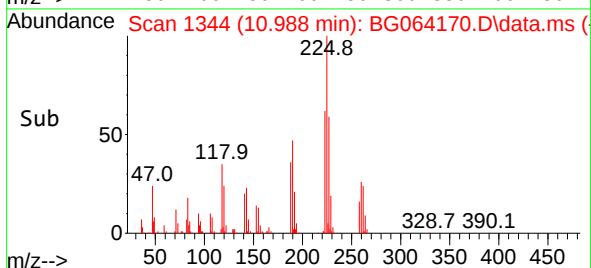
Supervised By :Jagrut Upadhyay 04/04/2025

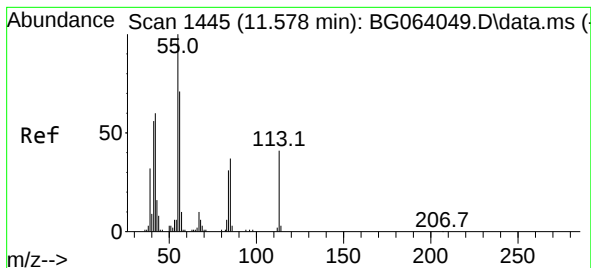


#34
Hexachlorobutadiene
Concen: 50.780 ng
RT: 10.988 min Scan# 1344
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15



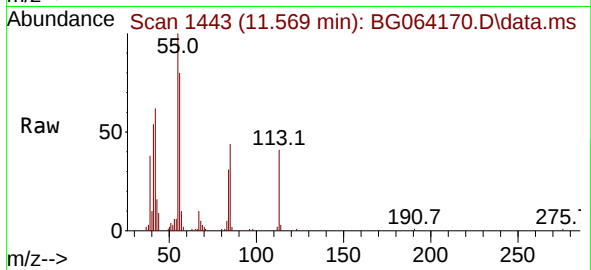
Tgt Ion:225 Resp: 73766
Ion Ratio Lower Upper
225 100
223 62.0 48.5 72.7
227 59.5 51.0 76.6





#35
Caprolactam
Concen: 56.513 ng m
RT: 11.569 min Scan# 14
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

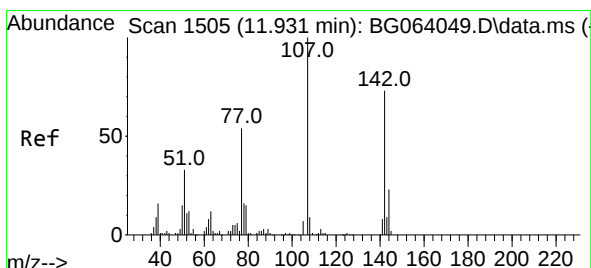
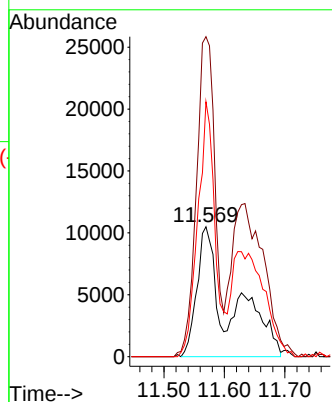
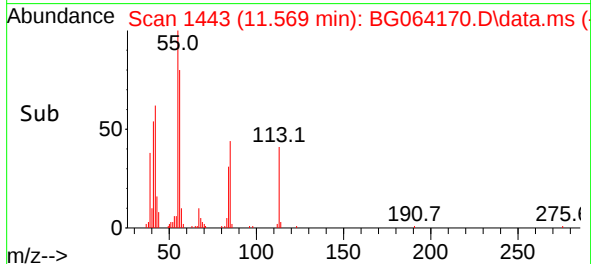
Instrument :
BNA_G
ClientSampleId :
PB167376BS



Tgt Ion:113 Resp: 3975
Ion Ratio Lower Upper
113 100
55 246.2 225.2 265.2
56 196.2 153.4 193.4

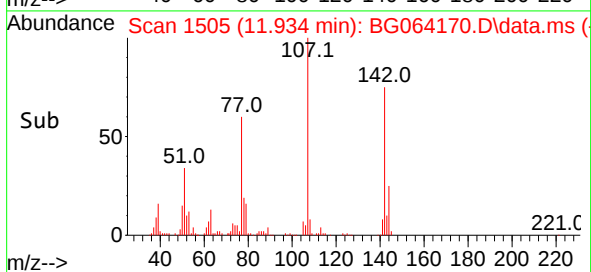
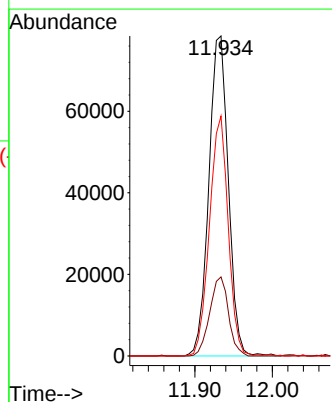
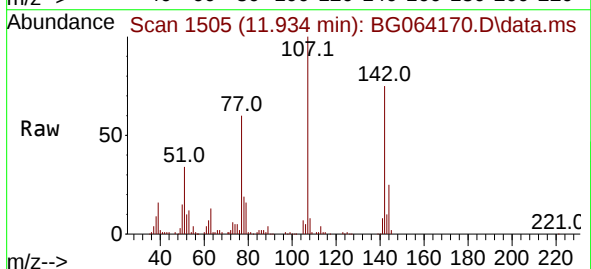
Manual Integrations
APPROVED

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



#36
4-Chloro-3-methylphenol
Concen: 56.929 ng
RT: 11.934 min Scan# 1505
Delta R.T. 0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Tgt Ion:107 Resp: 137000
Ion Ratio Lower Upper
107 100
144 24.7 18.6 28.0
142 75.0 58.0 87.0





#37
2-Methylnaphthalene
Concen: 44.148 ng
RT: 12.304 min Scan# 1568
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

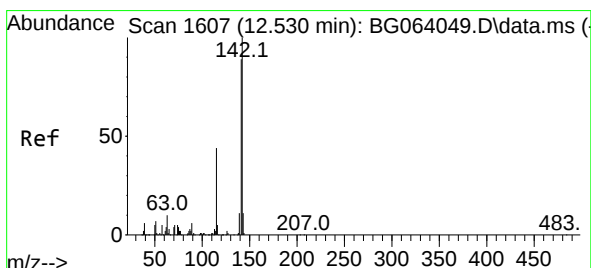
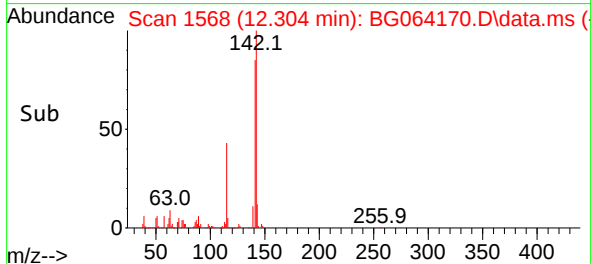
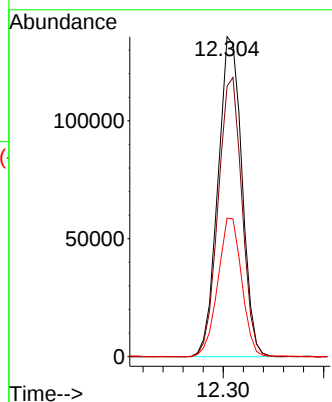
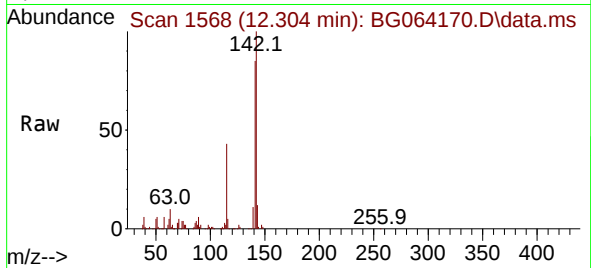
PB167376BS

Tgt Ion:142 Resp: 225038
Ion Ratio Lower Upper
142 100
141 84.5 68.6 103.0
115 43.3 32.8 49.2

Manual Integrations

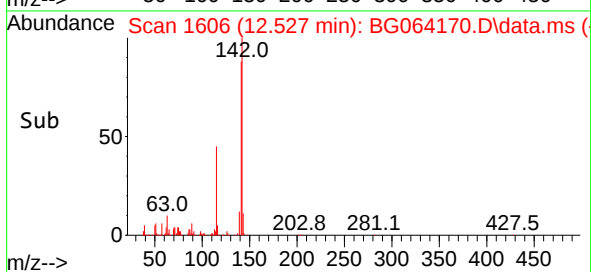
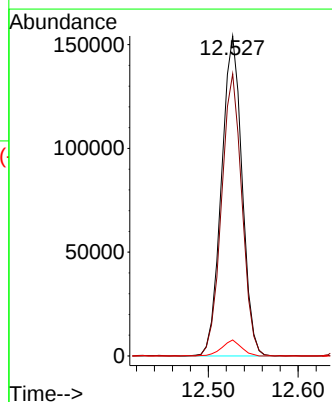
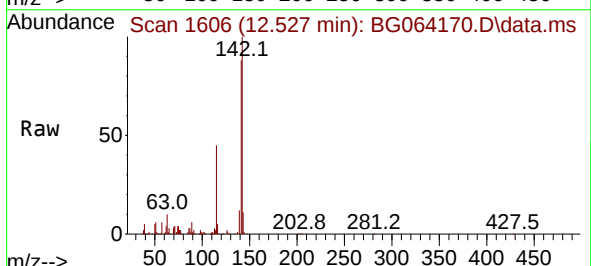
APPROVED

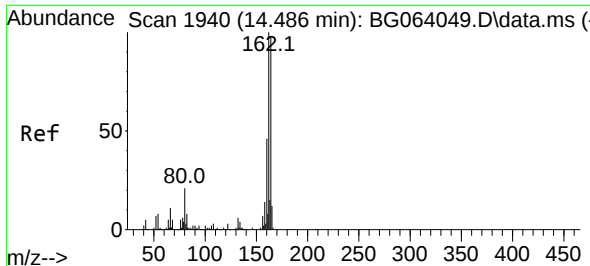
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#38
1-Methylnaphthalene
Concen: 49.085 ng
RT: 12.527 min Scan# 1606
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Tgt Ion:142 Resp: 245128
Ion Ratio Lower Upper
142 100
141 88.1 71.2 106.8
116 5.0 3.6 5.4





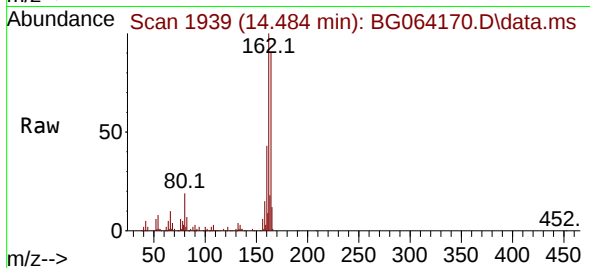
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.484 min Scan# 1940
Delta R.T. -0.002 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS

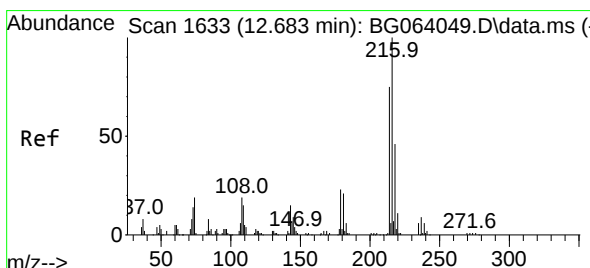
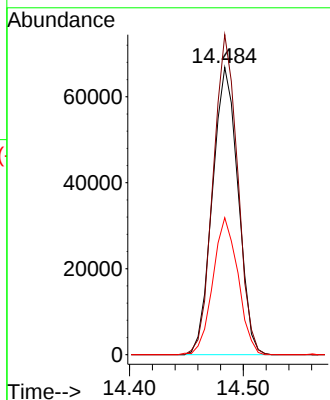
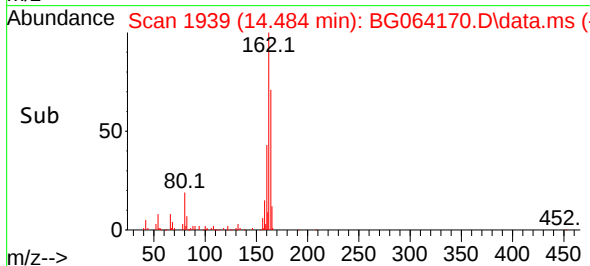


Tgt Ion:164 Resp: 104622
Ion Ratio Lower Upper
164 100
162 111.4 81.4 122.0
160 47.7 37.0 55.6

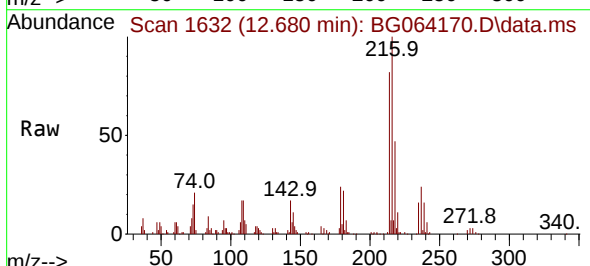
Manual Integrations

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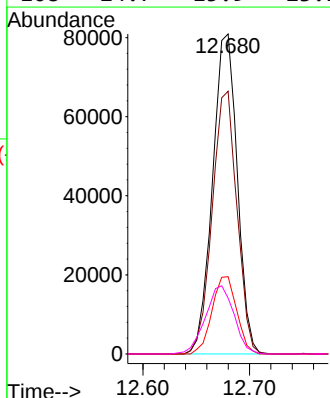
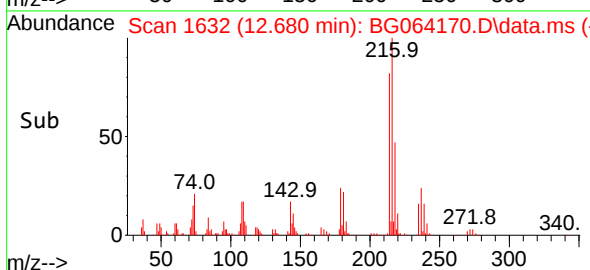
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

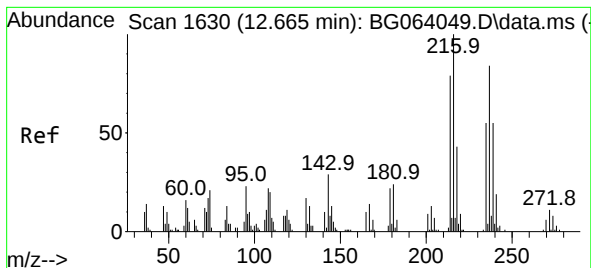


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.525 ng
RT: 12.680 min Scan# 1632
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15



Tgt Ion:216 Resp: 130005
Ion Ratio Lower Upper
216 100
214 82.2 61.7 92.5
179 24.2 17.9 26.9
108 24.7 15.9 23.9#





#41

Hexachlorocyclopentadiene

Concen: 231.729 ng

RT: 12.662 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS

Tgt Ion:237 Resp: 194800

Ion Ratio Lower Upper

237 100

235 61.0 46.0 86.0

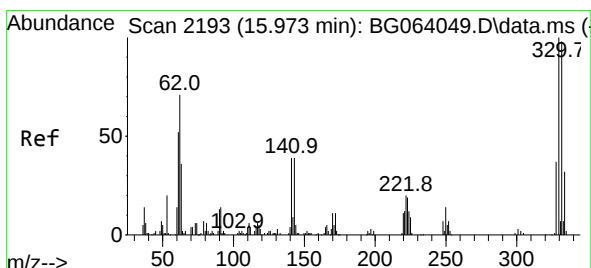
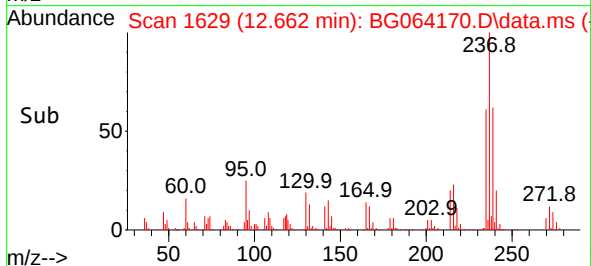
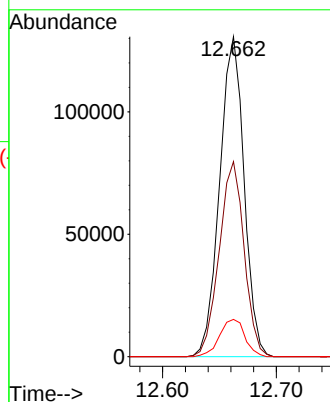
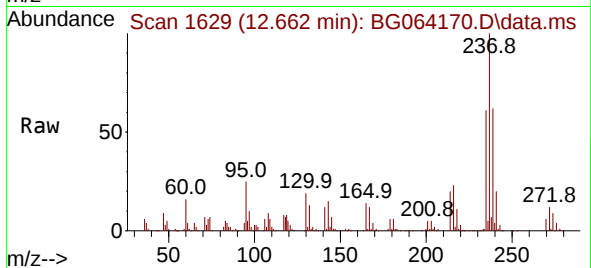
272 11.6 0.0 32.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#42

2,4,6-Tribromophenol

Concen: 177.491 ng

RT: 15.970 min Scan# 2192

Delta R.T. -0.003 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

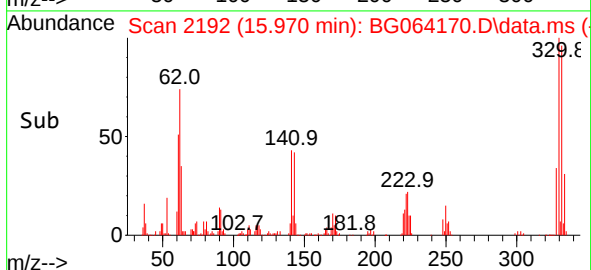
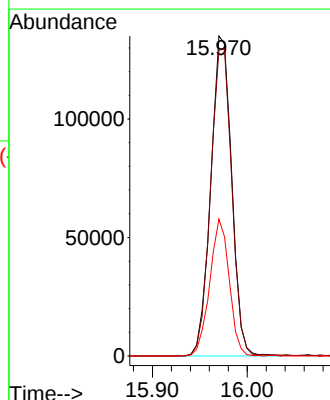
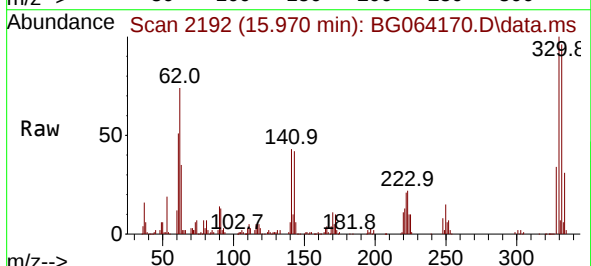
Tgt Ion:330 Resp: 206413

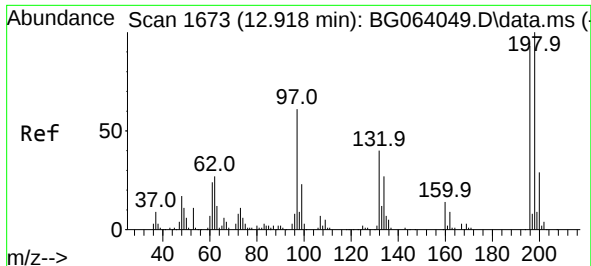
Ion Ratio Lower Upper

330 100

332 97.3 76.7 115.1

141 39.8 29.7 44.5





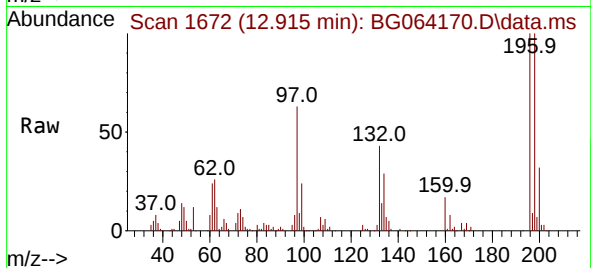
#43
2,4,6-Trichlorophenol
Concen: 56.052 ng
RT: 12.915 min Scan# 1672
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS



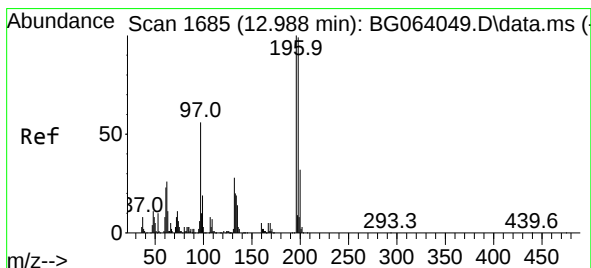
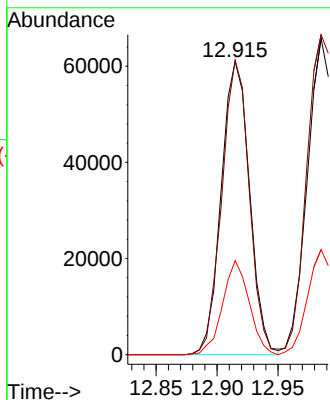
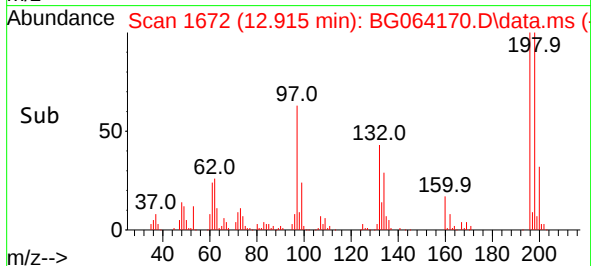
Tgt Ion:196 Resp: 98672
Ion Ratio Lower Upper
196 100
198 100.5 85.6 128.4
200 32.1 24.6 37.0

Manual Integrations

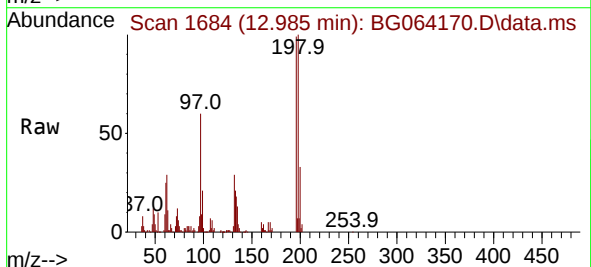
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

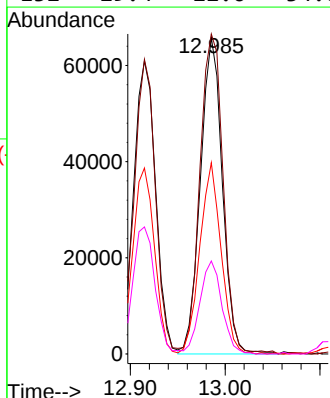
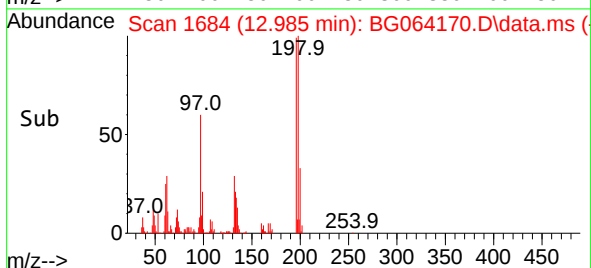
Supervised By :Jagrut Upadhyay 04/04/2025

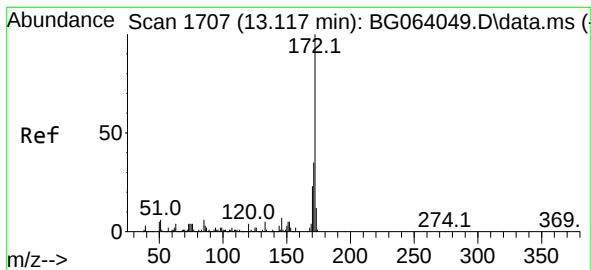


#44
2,4,5-Trichlorophenol
Concen: 54.251 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15



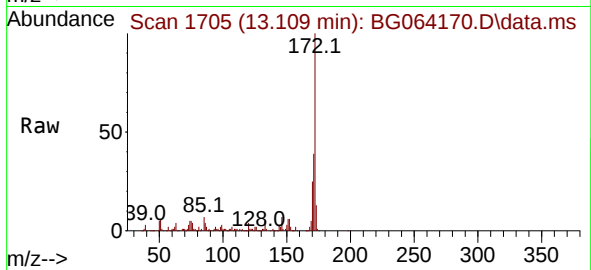
Tgt Ion:196 Resp: 106117
Ion Ratio Lower Upper
196 100
198 101.1 79.5 119.3
97 60.4 45.2 67.8
132 29.4 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 89.208 ng
RT: 13.109 min Scan# 1705
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

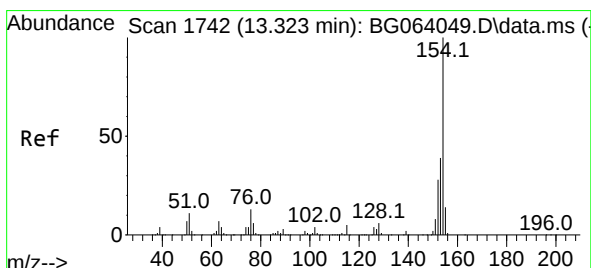
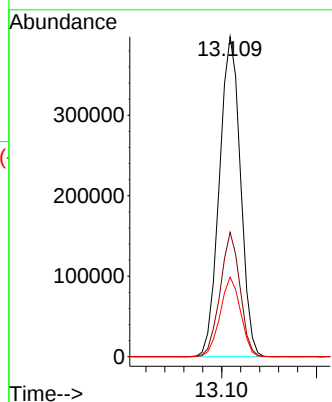
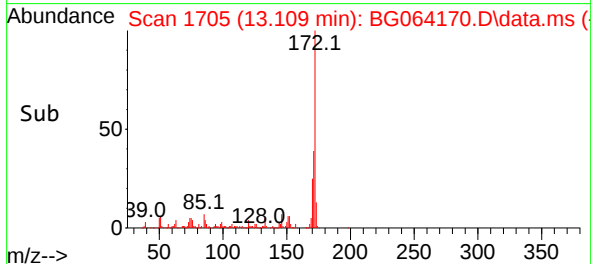
Instrument :
BNA_G
ClientSampleId :
PB167376BS



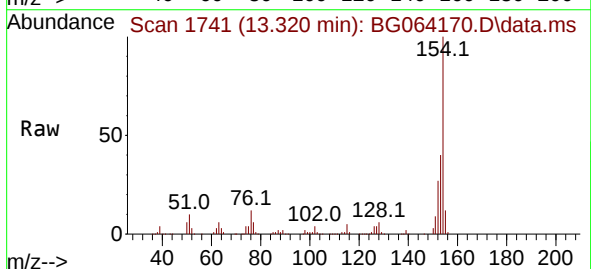
Tgt Ion:172 Resp: 614878
Ion Ratio Lower Upper
172 100
171 38.8 28.0 42.0
170 24.9 18.7 28.1

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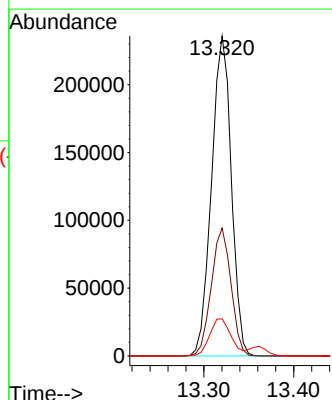
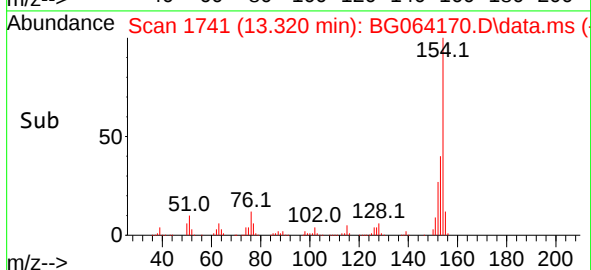
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

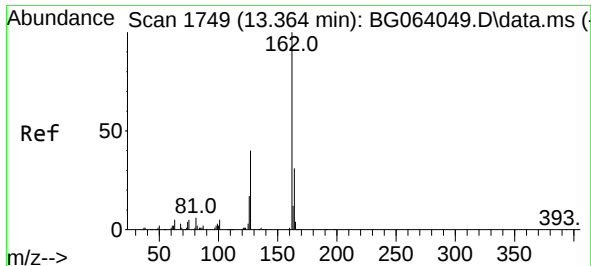


#46
1,1'-Biphenyl
Concen: 45.584 ng
RT: 13.320 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15



Tgt Ion:154 Resp: 360307
Ion Ratio Lower Upper
154 100
153 40.0 19.5 59.5
76 11.6 0.0 33.5





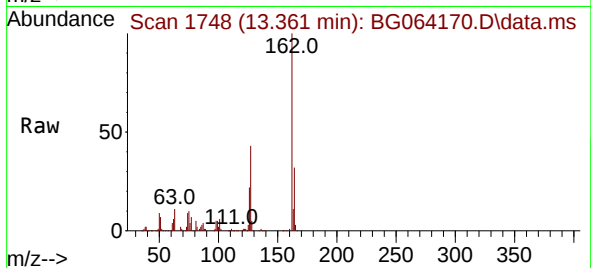
#47
2-Chloronaphthalene
Concen: 45.919 ng
RT: 13.361 min Scan# 1748
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS



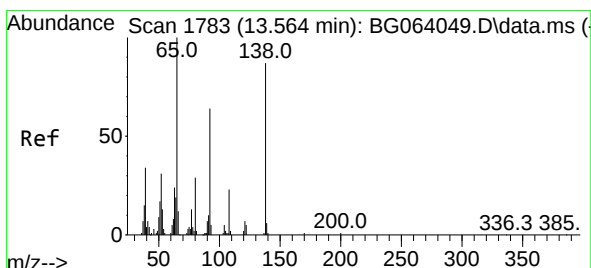
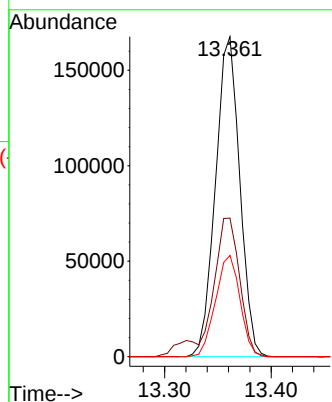
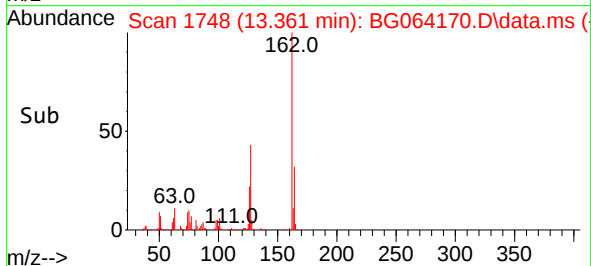
Tgt Ion:162 Resp: 264715
Ion Ratio Lower Upper
162 100
127 43.3 35.0 52.4
164 31.7 25.0 37.6

Manual Integrations

APPROVED

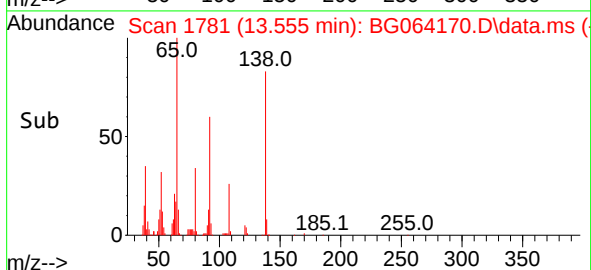
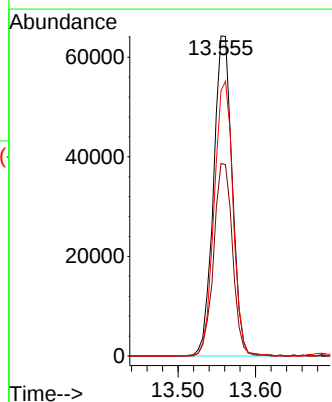
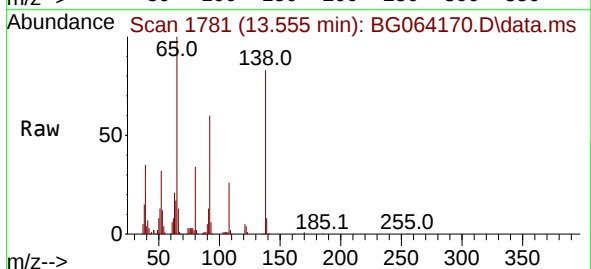
Reviewed By :Rahul Chavli 04/04/2025

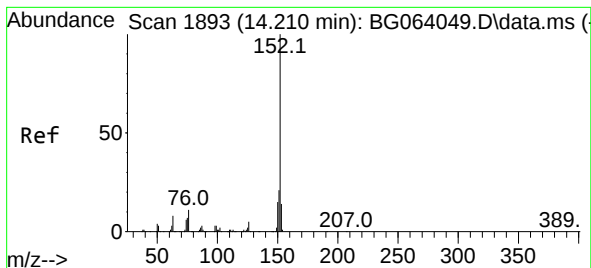
Supervised By :Jagrut Upadhyay 04/04/2025



#48
2-Nitroaniline
Concen: 54.739 ng
RT: 13.555 min Scan# 1781
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Tgt Ion: 65 Resp: 107778
Ion Ratio Lower Upper
65 100
92 60.1 51.2 76.8
138 82.9 69.4 104.2





#49

Acenaphthylene

Concen: 51.156 ng

RT: 14.207 min Scan# 1892

Delta R.T. -0.003 min

Lab File: BG064170.D

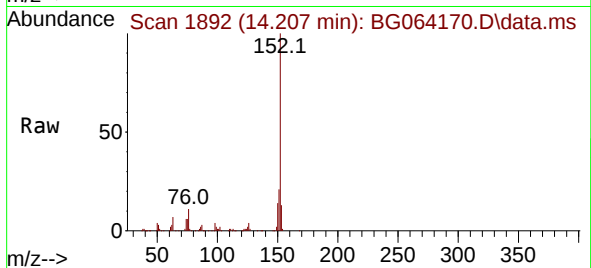
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS



Tgt Ion:152 Resp: 46646

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

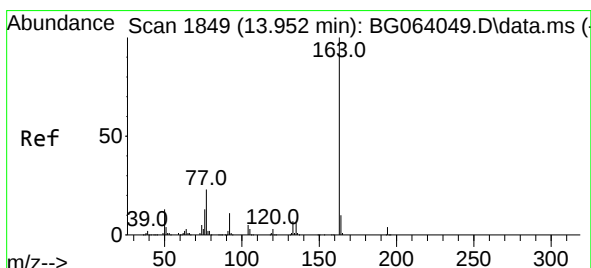
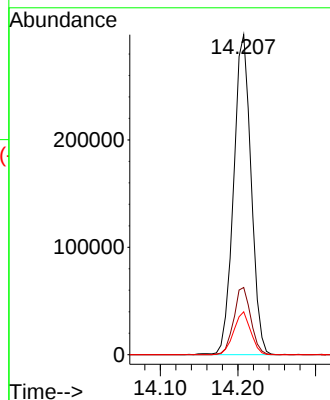
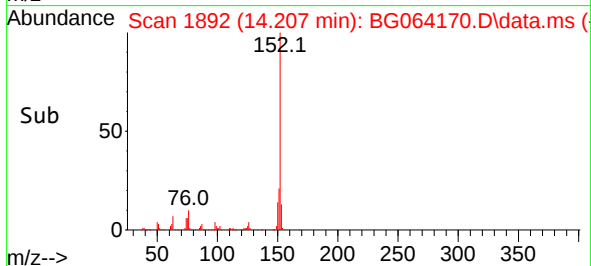
153 13.4 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#50

Dimethylphthalate

Concen: 48.423 ng

RT: 13.943 min Scan# 1847

Delta R.T. -0.009 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

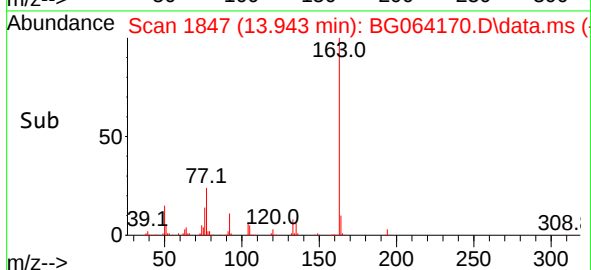
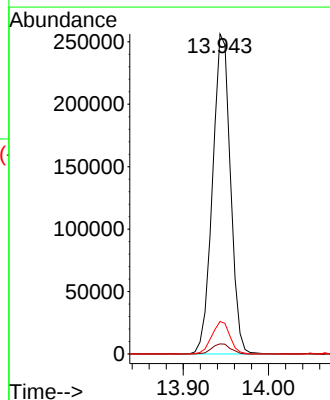
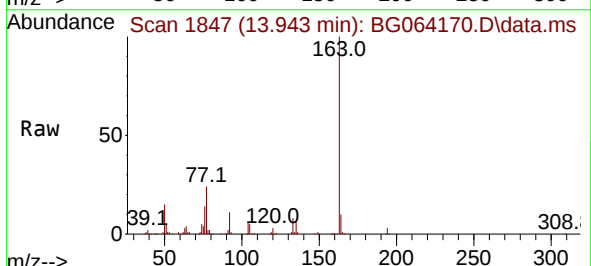
Tgt Ion:163 Resp: 373965

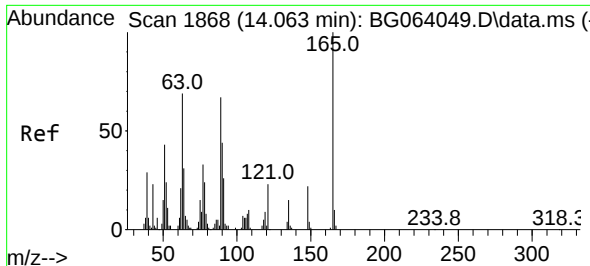
Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.226 ng
RT: 14.061 min Scan# 1867
Delta R.T. -0.002 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

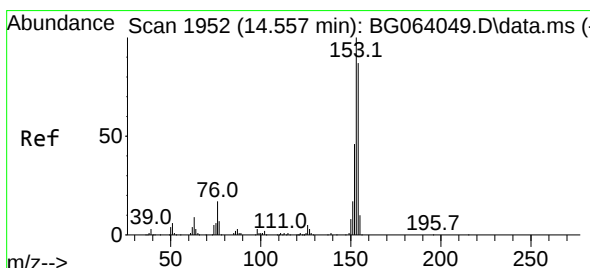
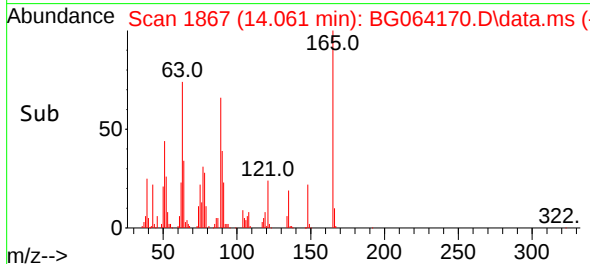
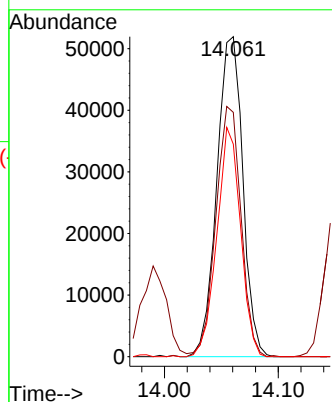
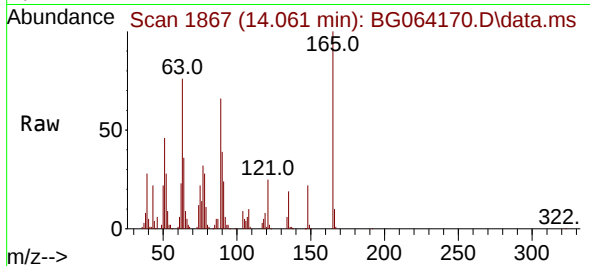
PB167376BS

Tgt Ion:165 Resp: 82324
Ion Ratio Lower Upper
165 100
63 76.4 56.7 85.1
89 66.4 53.7 80.5

Manual Integrations

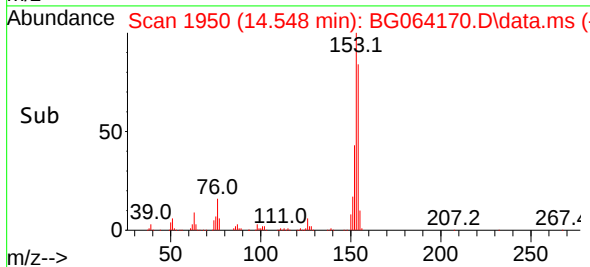
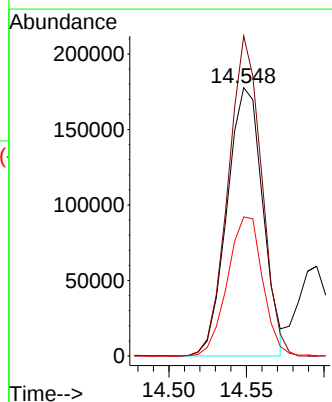
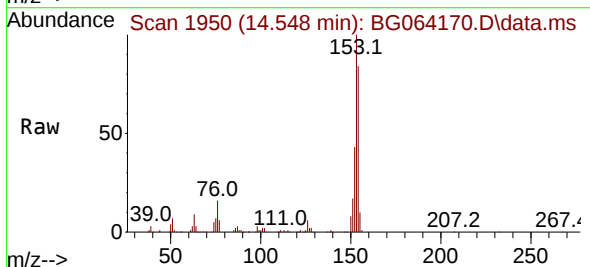
APPROVED

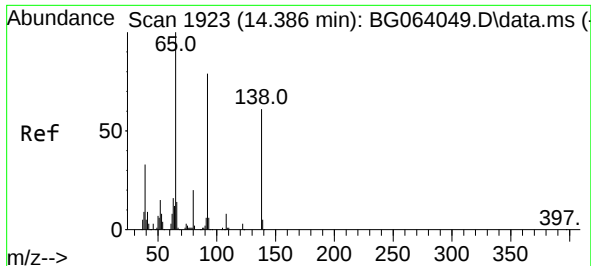
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#52
Acenaphthene
Concen: 46.507 ng
RT: 14.548 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Tgt Ion:154 Resp: 284596
Ion Ratio Lower Upper
154 100
153 119.3 91.6 137.4
152 51.9 42.5 63.7





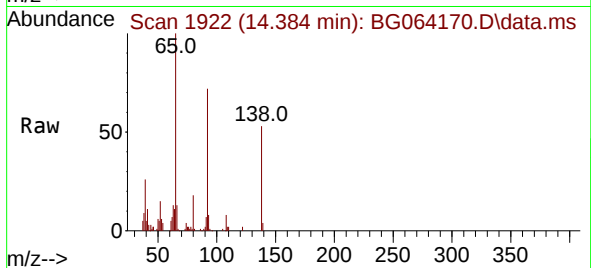
#53
3-Nitroaniline
Concen: 25.142 ng
RT: 14.384 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS



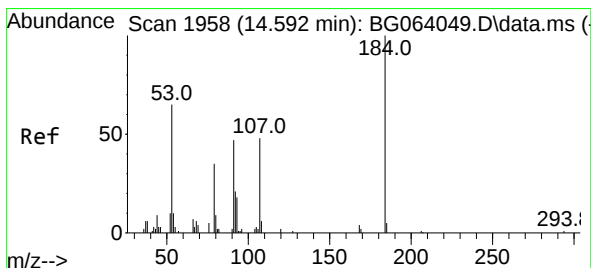
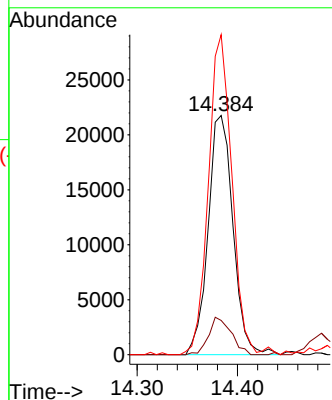
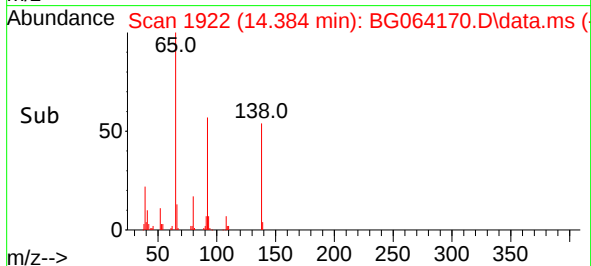
Tgt Ion:138 Resp: 3752
Ion Ratio Lower Upper
138 100
108 14.3 10.1 15.1
92 133.8 104.1 156.1

Manual Integrations

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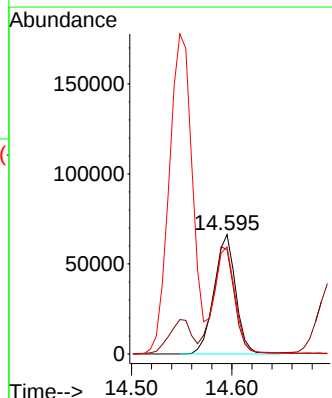
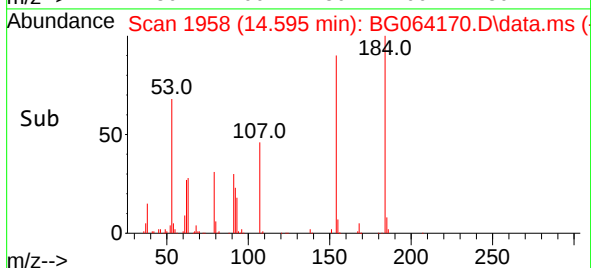
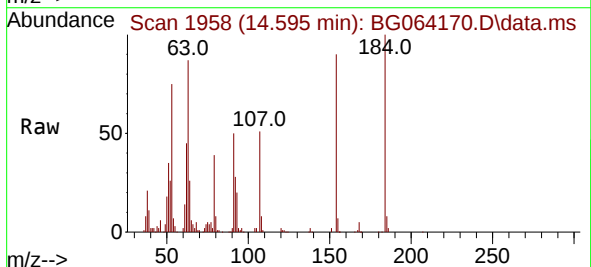
Reviewed By :Rahul Chavli 04/04/2025

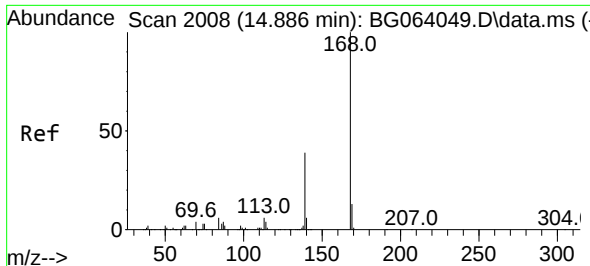
Supervised By :Jagrut Upadhyay 04/04/2025



#54
2,4-Dinitrophenol
Concen: 144.214 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

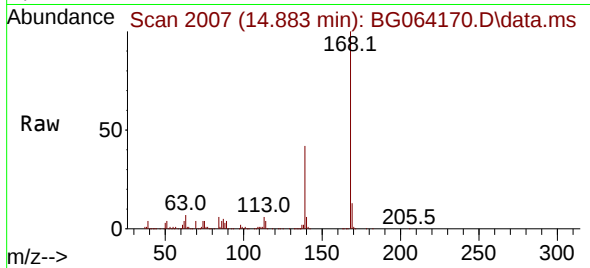
Tgt Ion:184 Resp: 98791
Ion Ratio Lower Upper
184 100
63 87.4 57.5 86.3#
154 89.8 52.3 78.5#





#55
Dibenzenofuran
Concen: 45.760 ng
RT: 14.883 min Scan# 2008
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

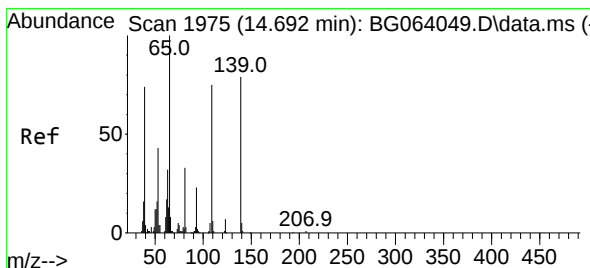
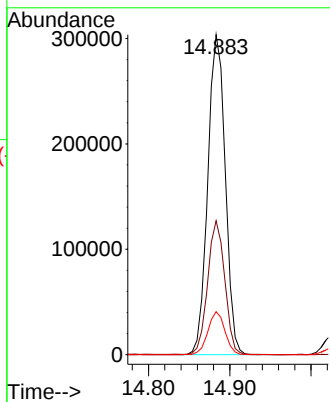
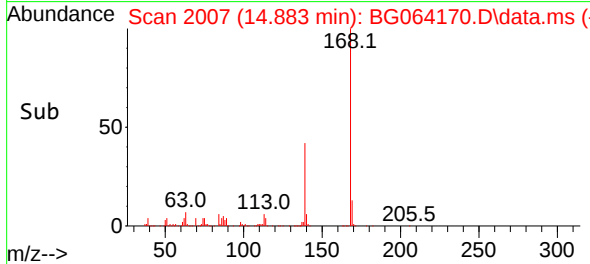
Instrument :
BNA_G
ClientSampleId :
PB167376BS



Tgt Ion:168 Resp: 453634
Ion Ratio Lower Upper
168 100
139 41.9 31.1 46.7
169 13.5 10.5 15.7

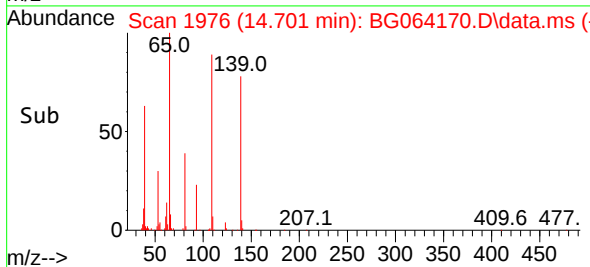
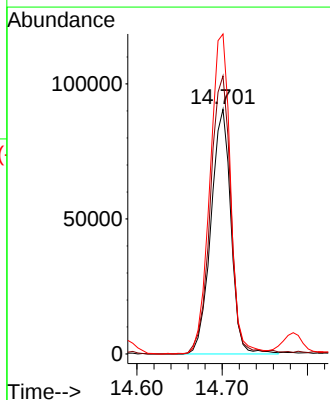
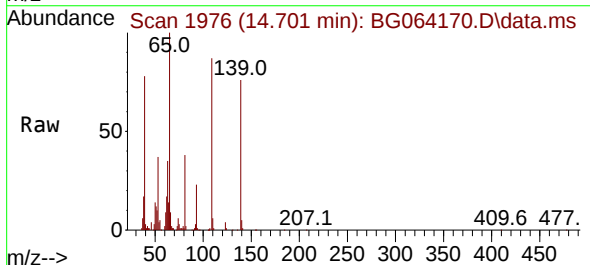
Manual Integrations
APPROVED

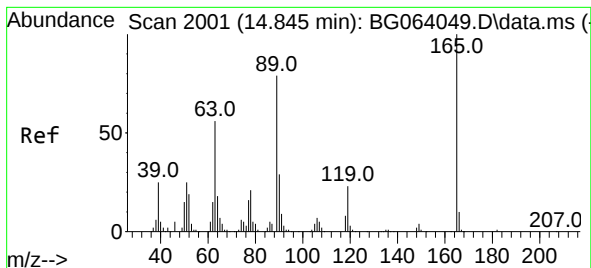
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#56
4-Nitrophenol
Concen: 117.703 ng
RT: 14.701 min Scan# 1976
Delta R.T. 0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Tgt Ion:139 Resp: 147343
Ion Ratio Lower Upper
139 100
109 113.7 74.9 114.9
65 130.8 106.8 146.8





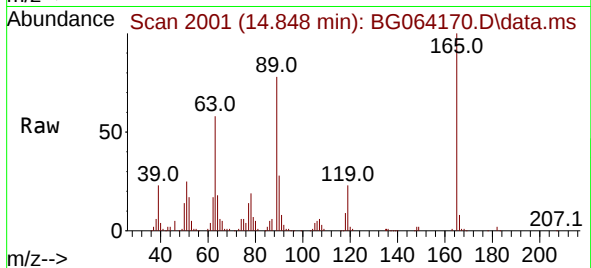
#57
2,4-Dinitrotoluene
Concen: 57.593 ng
RT: 14.848 min Scan# 2001
Delta R.T. 0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS



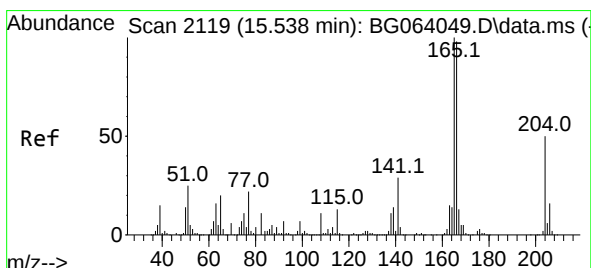
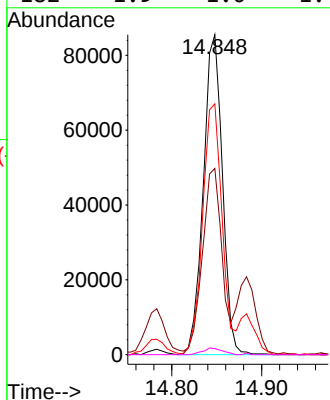
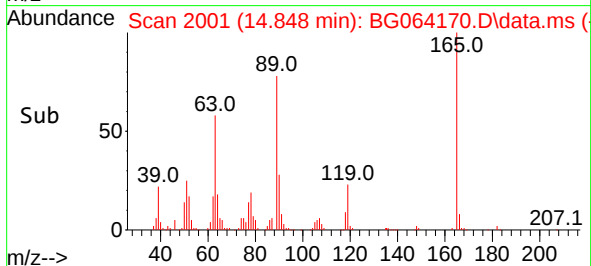
Tgt Ion:165 Resp: 12621
Ion Ratio Lower Upper
165 100
63 58.2 45.0 67.6
89 78.4 63.1 94.7
182 1.9 1.0 1.4#

Manual Integrations

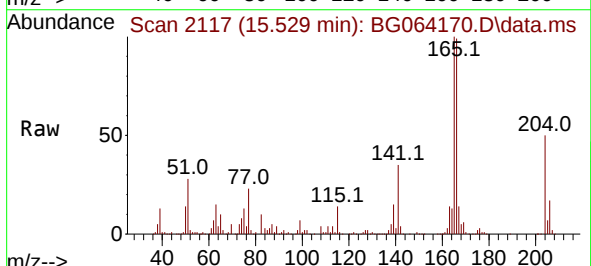
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

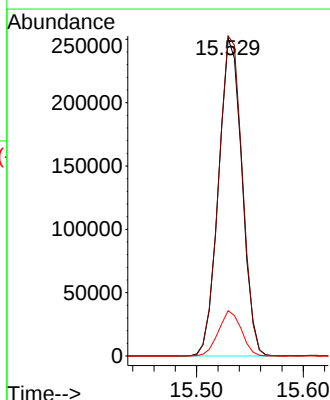
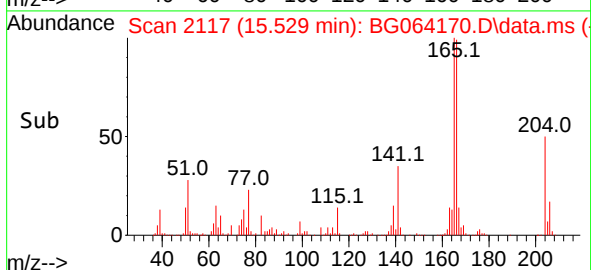
Supervised By :Jagrut Upadhyay 04/04/2025

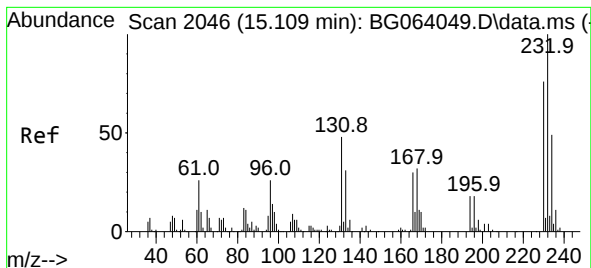


#58
Fluorene
Concen: 49.529 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15



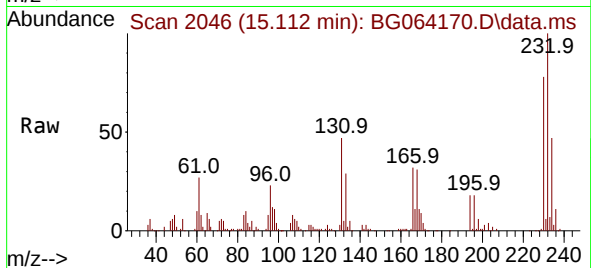
Tgt Ion:166 Resp: 382418
Ion Ratio Lower Upper
166 100
165 100.7 81.8 122.8
167 14.2 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 58.656 ng m
RT: 15.112 min Scan# 2046
Delta R.T. 0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

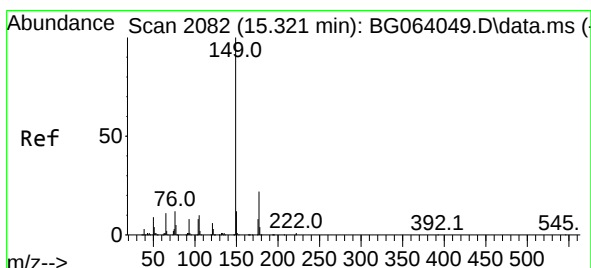
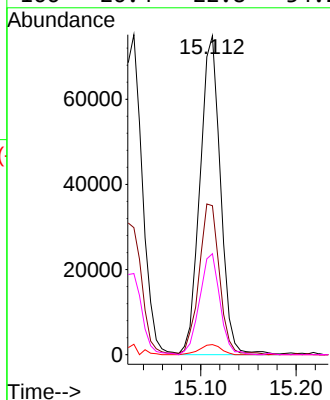
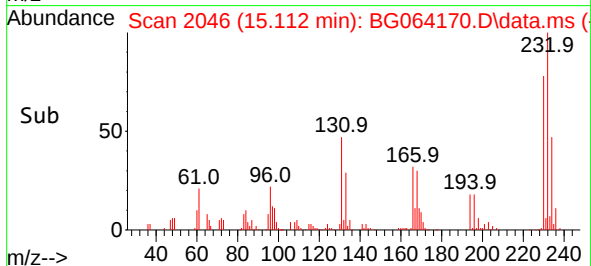
Instrument :
BNA_G
ClientSampleId :
PB167376BS



Tgt Ion:232 Resp: 11185
Ion Ratio Lower Upper
232 100
131 43.8 36.3 54.5
130 2.6 1.9 2.9
166 26.4 22.8 34.2

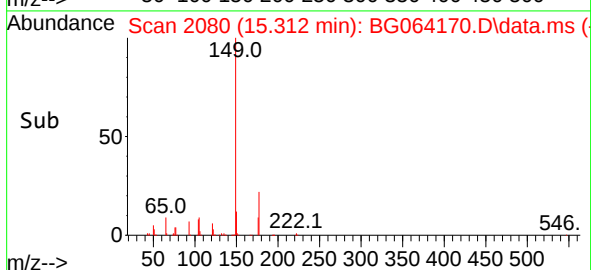
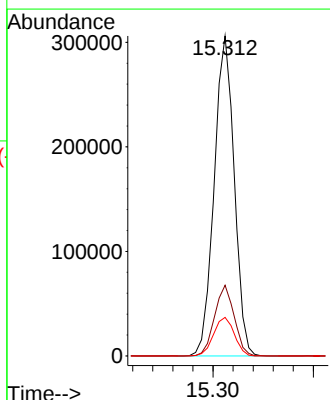
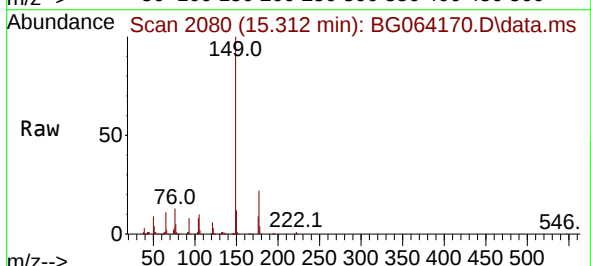
Manual Integrations
APPROVED

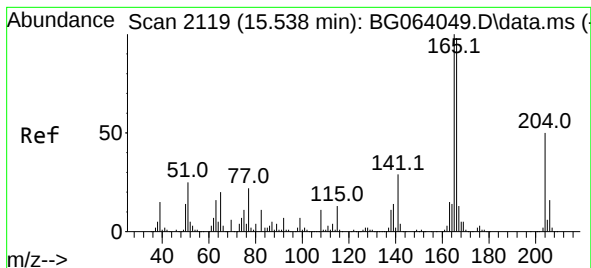
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#60
Diethylphthalate
Concen: 50.545 ng
RT: 15.312 min Scan# 2080
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Tgt Ion:149 Resp: 423767
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.2
150 12.0 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 48.612 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

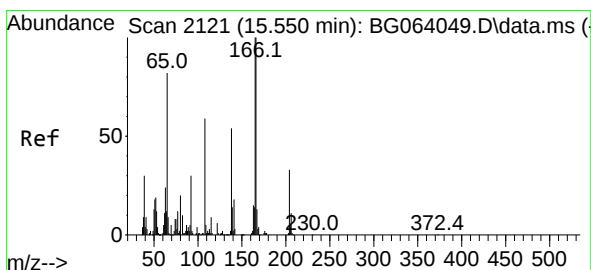
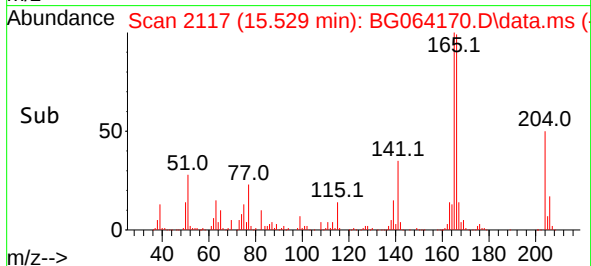
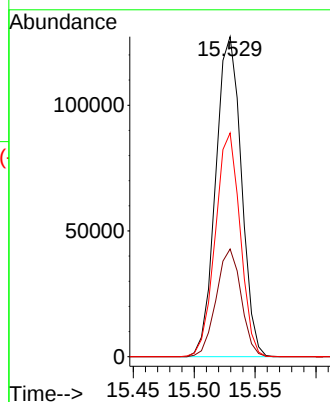
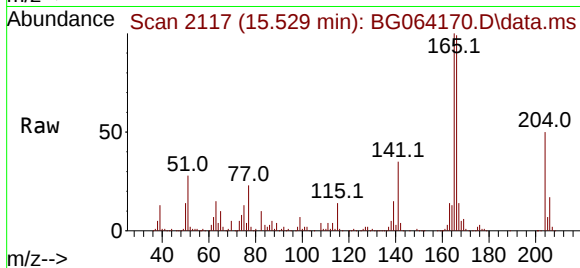
PB167376BS

Tgt Ion:204 Resp: 18652
Ion Ratio Lower Upper
204 100
206 33.6 25.5 38.3
141 69.9 45.4 68.0

Manual Integrations

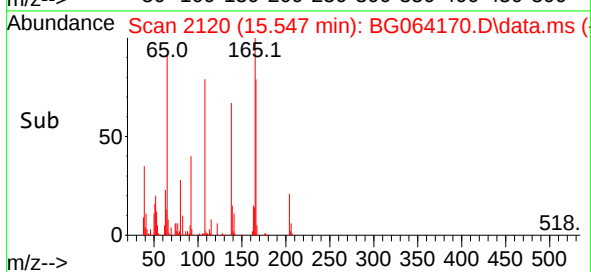
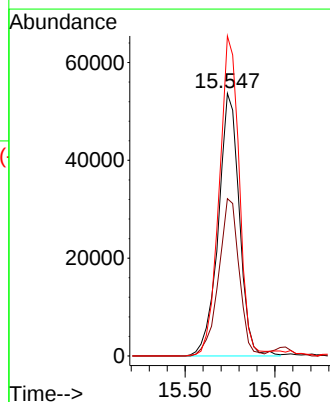
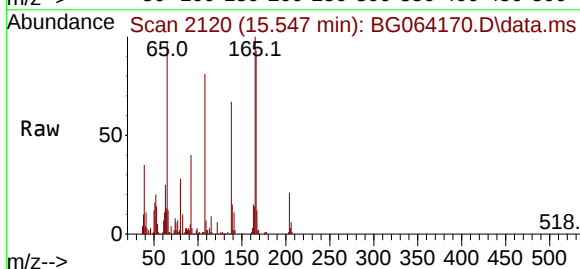
APPROVED

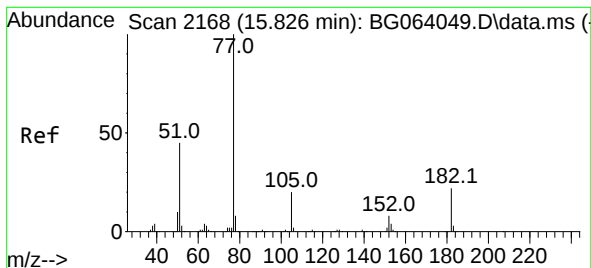
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#62
4-Nitroaniline
Concen: 54.054 ng
RT: 15.547 min Scan# 2120
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Tgt Ion:138 Resp: 87108
Ion Ratio Lower Upper
138 100
92 59.9 36.1 76.1
108 121.9 87.9 127.9





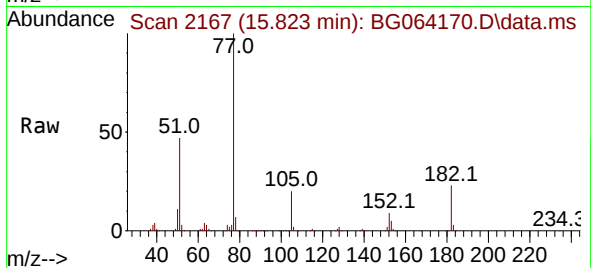
#63
Azobenzene
Concen: 46.762 ng
RT: 15.823 min Scan# 2167
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS

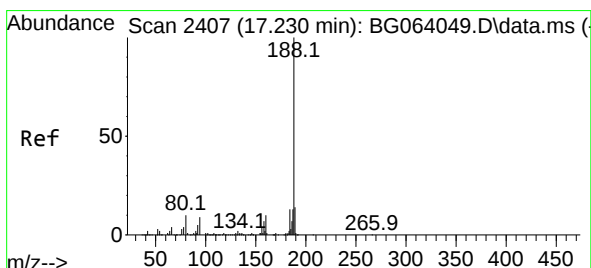
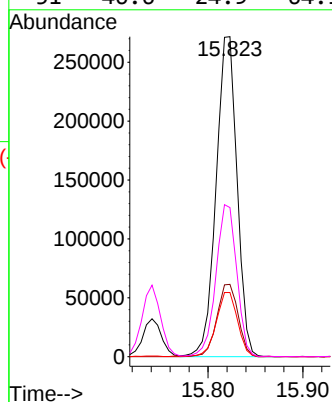
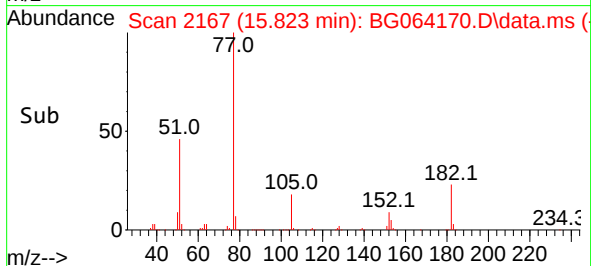


Tgt Ion: 77 Resp: 41835
Ion Ratio Lower Upper
77 100
182 22.6 2.4 42.4
105 20.1 0.0 40.0
51 46.6 24.9 64.9

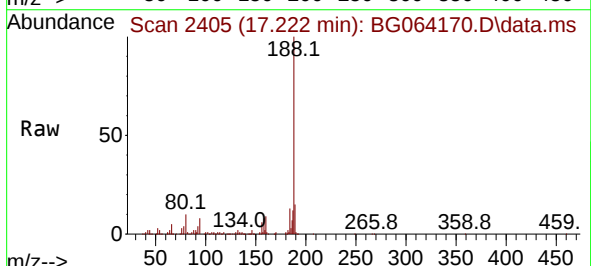
Manual Integrations

APPROVED

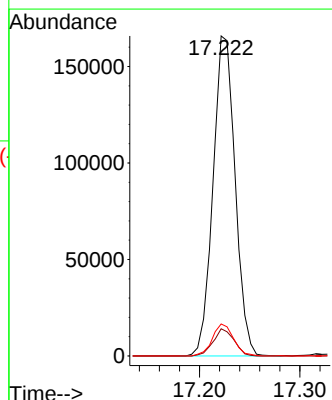
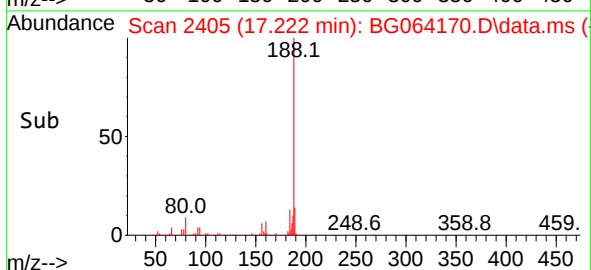
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

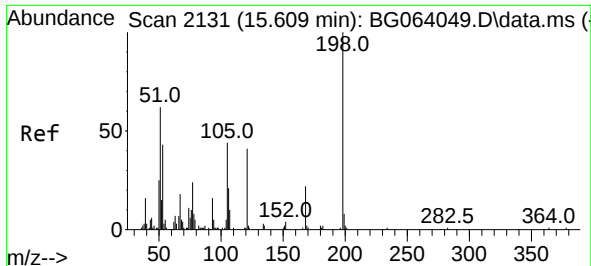


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15



Tgt Ion:188 Resp: 253744
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 10.0 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 64.355 ng
RT: 15.606 min Scan# 2131
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

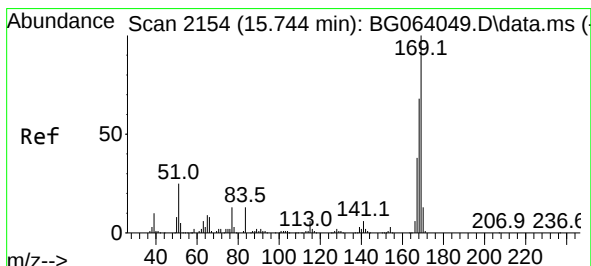
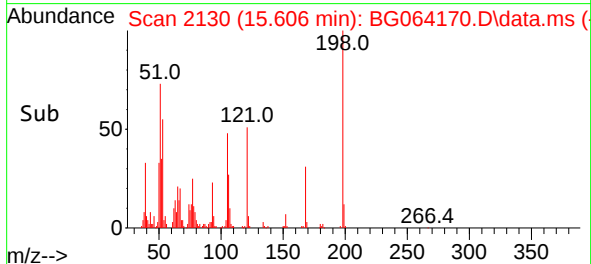
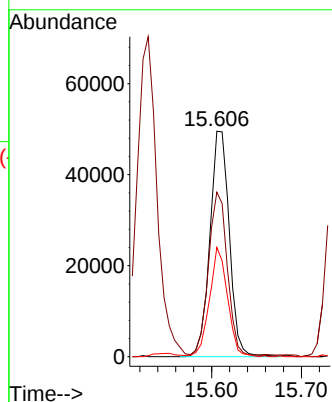
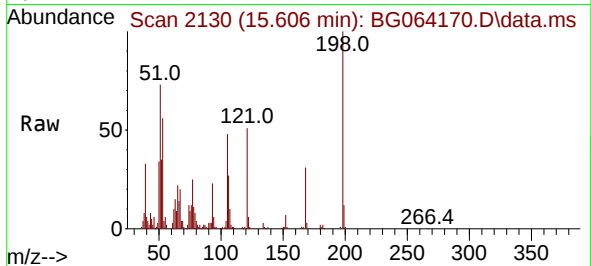
ClientSampleId :

PB167376BS

Tgt Ion:198 Resp: 7422
Ion Ratio Lower Upper
198 100
51 73.0 45.6 85.6
105 48.5 25.3 65.3

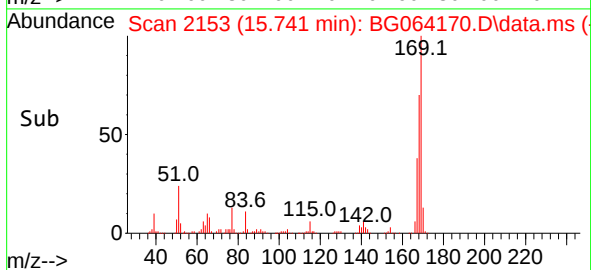
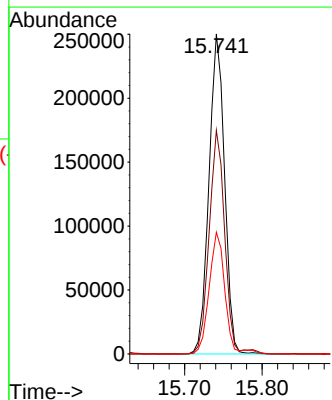
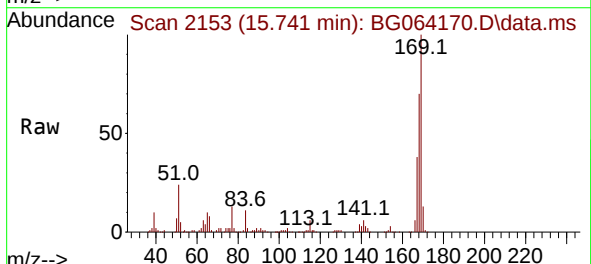
Manual Integrations
APPROVED

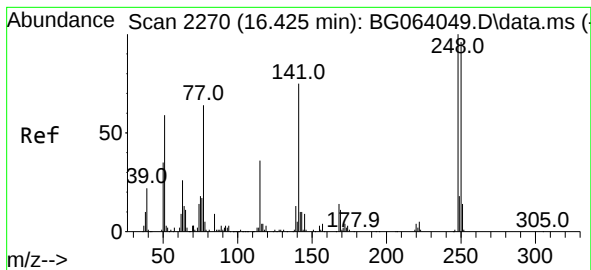
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#66
n-Nitrosodiphenylamine
Concen: 48.520 ng
RT: 15.741 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

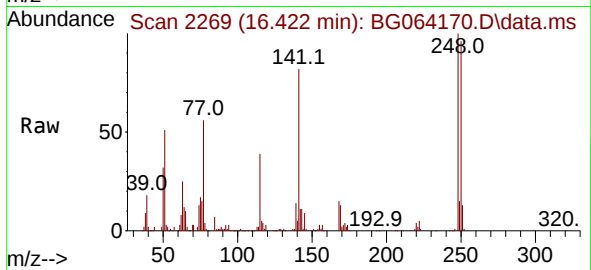
Tgt Ion:169 Resp: 348494
Ion Ratio Lower Upper
169 100
168 69.9 54.1 81.1
167 38.1 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 50.365 ng
RT: 16.422 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

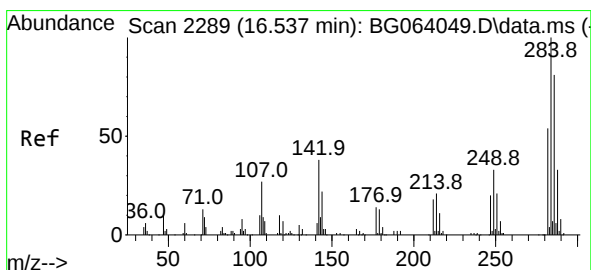
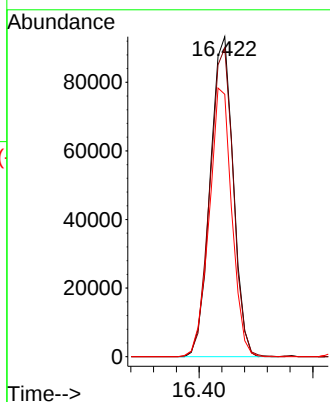
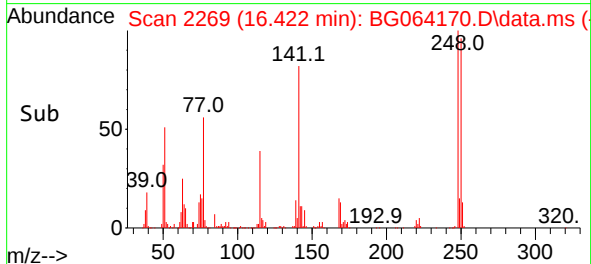
Instrument :
BNA_G
ClientSampleId :
PB167376BS



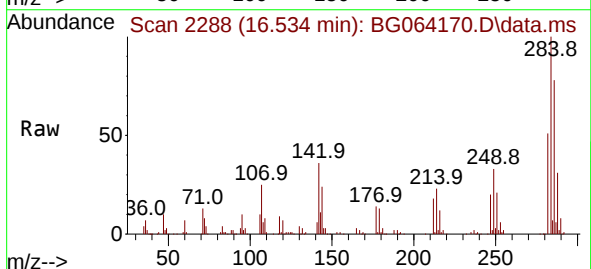
Tgt Ion:248 Resp: 13088
Ion Ratio Lower Upper
248 100
250 96.5 77.1 115.7
141 82.0 59.8 89.8

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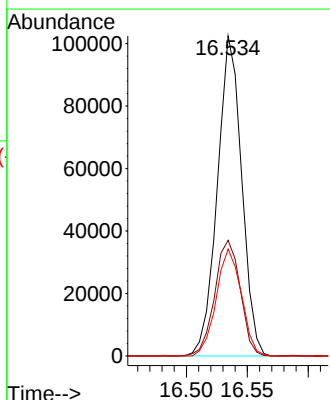
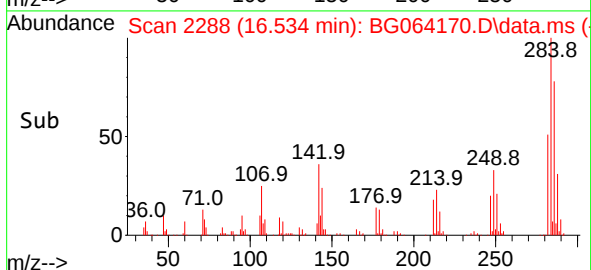
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

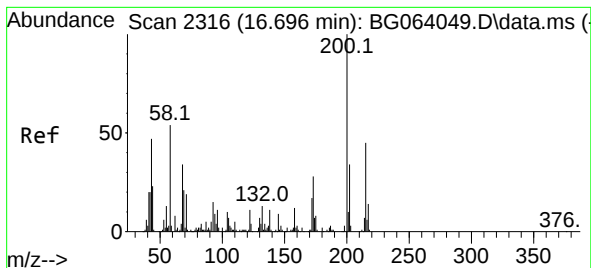


#68
Hexachlorobenzene
Concen: 48.853 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15



Tgt Ion:284 Resp: 142137
Ion Ratio Lower Upper
284 100
142 36.1 30.6 45.8
249 33.4 26.6 39.8





#69

Atrazine

Concen: 66.209 ng

RT: 16.693 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064170.D

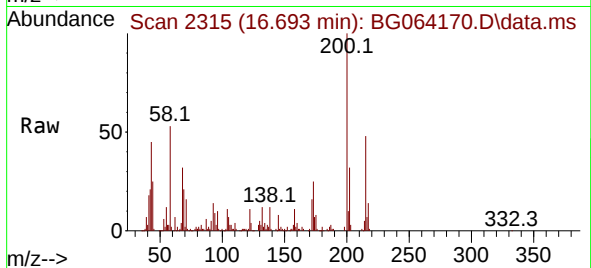
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS



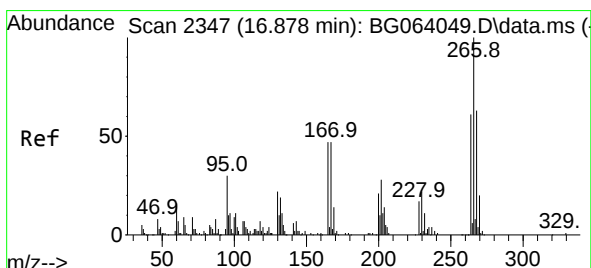
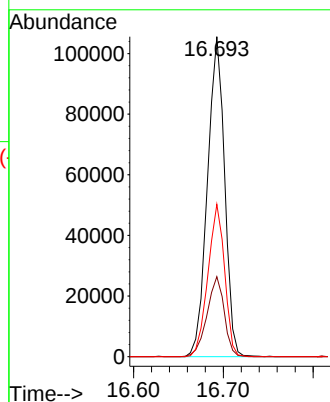
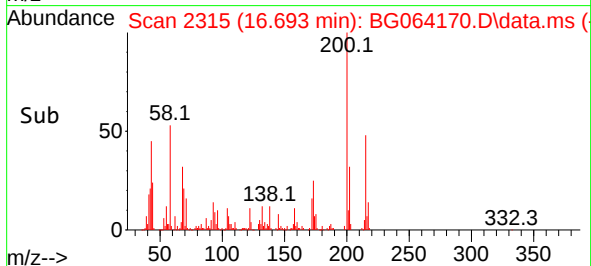
Tgt Ion:	200	Resp:	13992
Ion Ratio	Lower	Upper	
200	100		
173	25.0	8.2	48.2
215	47.6	25.5	65.5

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#70

Pentachlorophenol

Concen: 106.706 ng

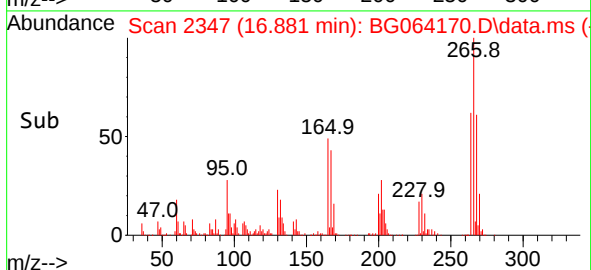
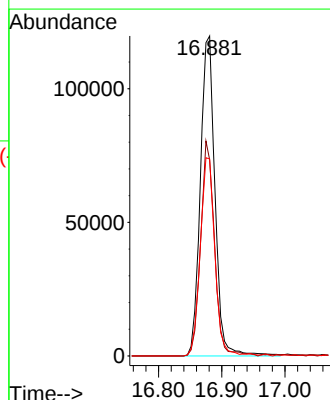
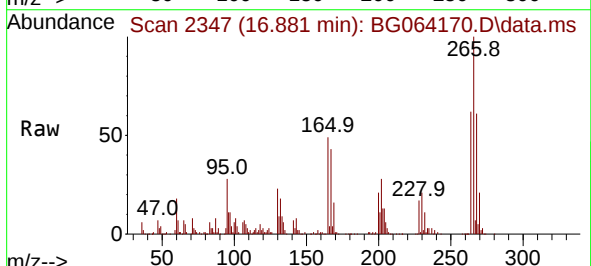
RT: 16.881 min Scan# 2347

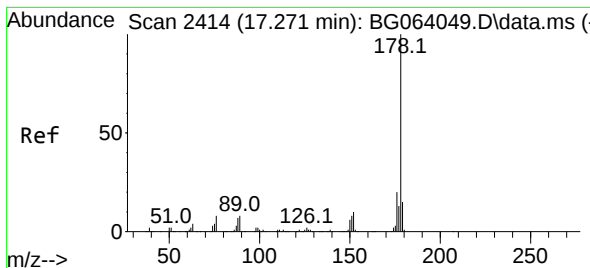
Delta R.T. 0.003 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Tgt Ion:	266	Resp:	192761
Ion Ratio	Lower	Upper	
266	100		
268	61.3	50.2	75.4
264	61.6	48.9	73.3





#71

Phenanthrene

Concen: 48.280 ng

RT: 17.269 min Scan# 2414

Delta R.T. -0.003 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS

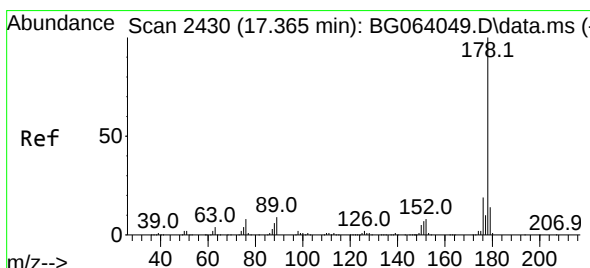
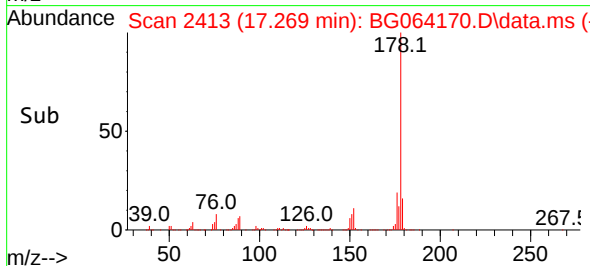
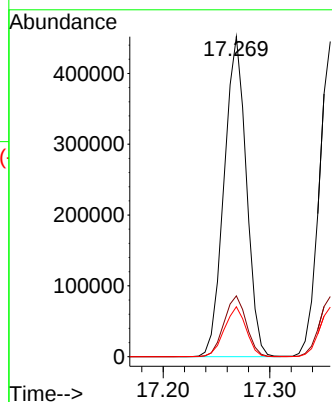
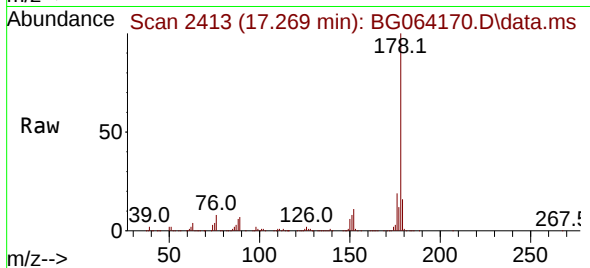
Tgt Ion:178 Resp: 653430
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 15.6 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#72

Anthracene

Concen: 50.475 ng

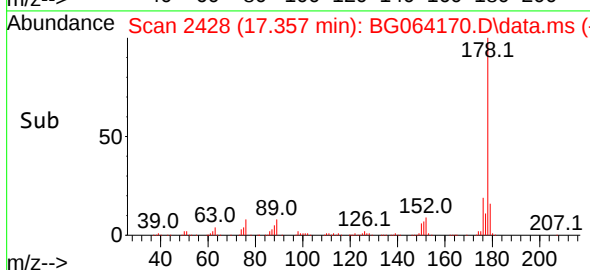
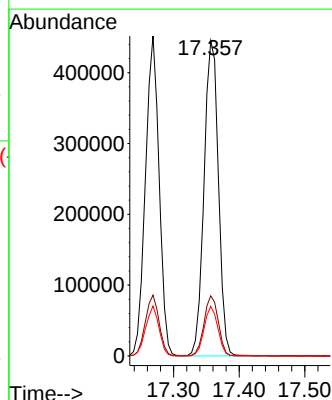
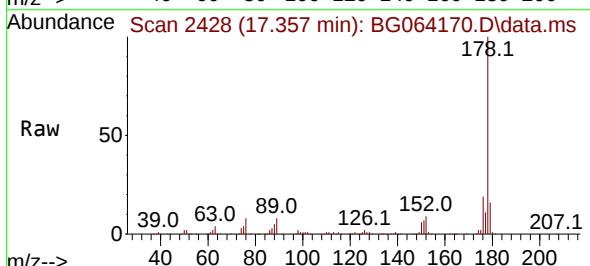
RT: 17.357 min Scan# 2428

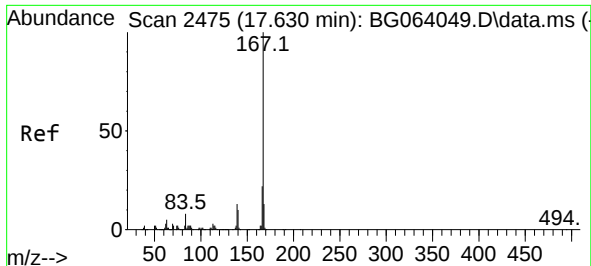
Delta R.T. -0.009 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Tgt Ion:178 Resp: 679289
 Ion Ratio Lower Upper
 178 100
 176 19.1 14.8 22.2
 179 15.7 11.5 17.3





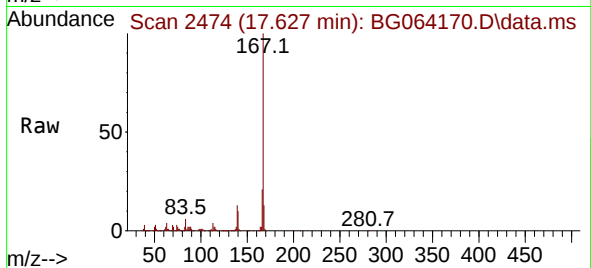
#73
 Carbazole
 Concen: 48.896 ng
 RT: 17.627 min Scan# 2475
 Delta R.T. -0.003 min
 Lab File: BG064170.D
 Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS



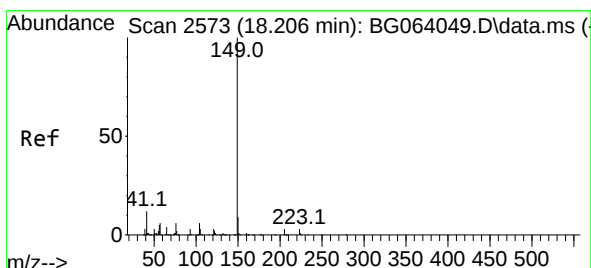
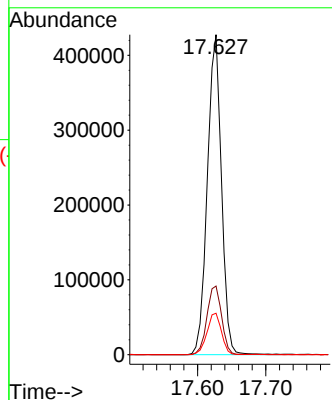
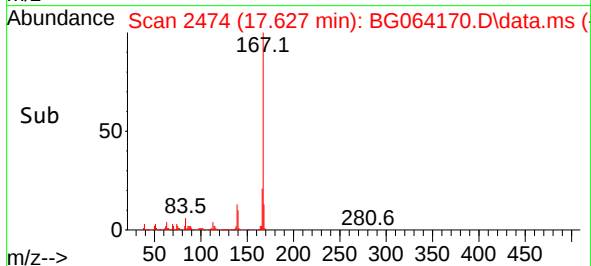
Tgt Ion:167 Resp: 614384
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.0 27.0
 139 12.9 10.6 15.8

Manual Integrations

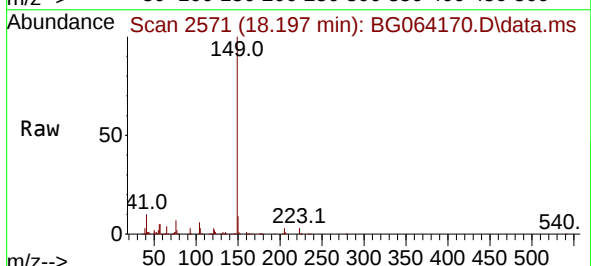
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

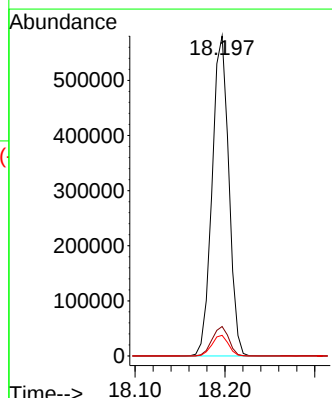
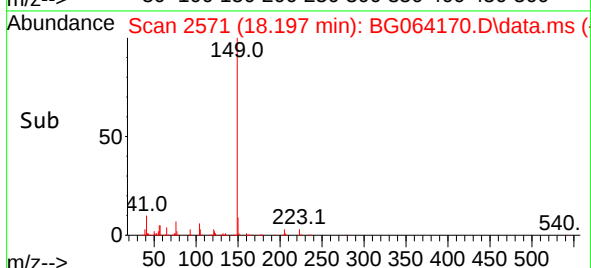
Supervised By :Jagrut Upadhyay 04/04/2025

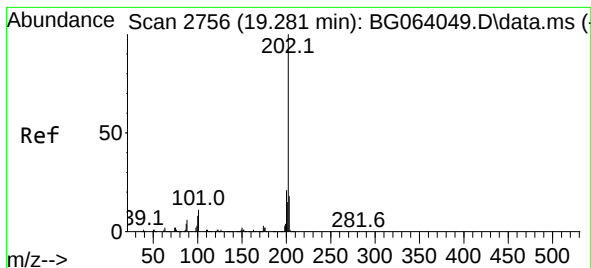


#74
 Di-n-butylphthalate
 Concen: 50.653 ng
 RT: 18.197 min Scan# 2571
 Delta R.T. -0.009 min
 Lab File: BG064170.D
 Acq: 3 Apr 2025 17:15



Tgt Ion:149 Resp: 749181
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 6.5 5.0 7.6





#75

Fluoranthene

Concen: 46.357 ng

RT: 19.278 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS

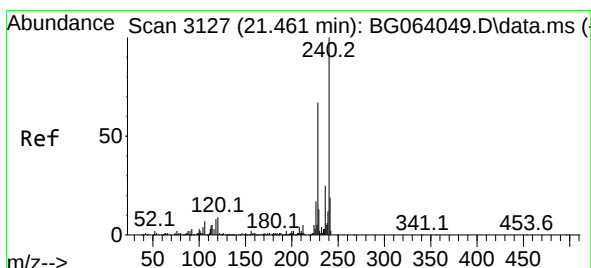
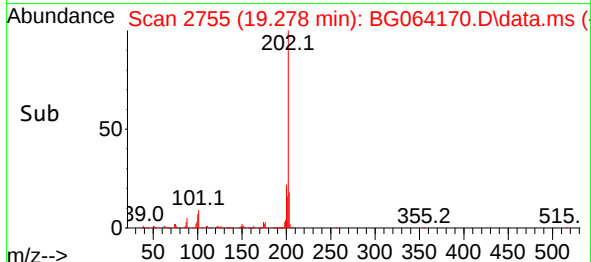
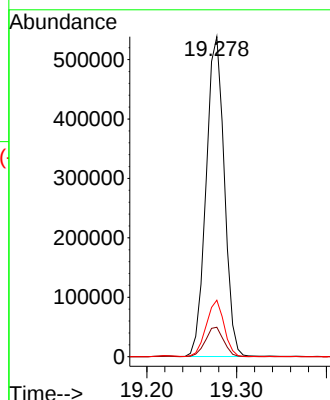
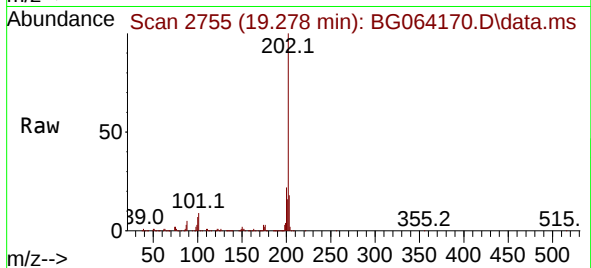
Tgt Ion:202	Resp:	75637
Ion Ratio	Lower	Upper
202	100	
101	9.2	0.0 30.5
203	17.7	0.0 38.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#76

Chrysene-d12

Concen: 20.000 ng

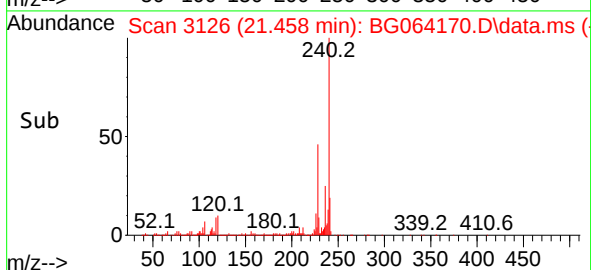
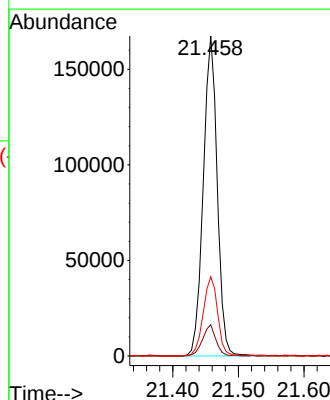
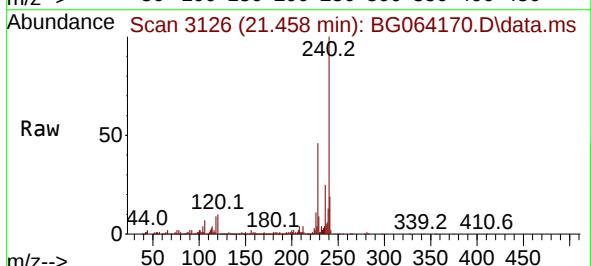
RT: 21.458 min Scan# 3126

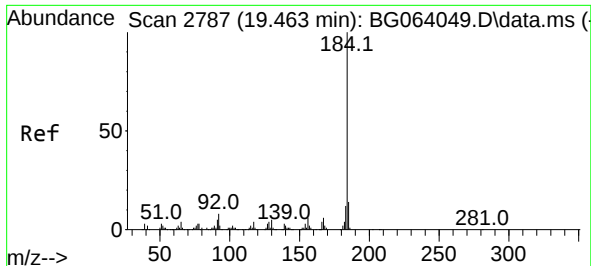
Delta R.T. -0.003 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

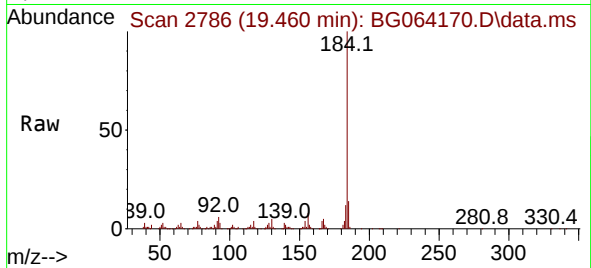
Tgt Ion:240	Resp:	248572
Ion Ratio	Lower	Upper
240	100	
120	9.7	7.2 10.8
236	24.7	20.2 30.2





#77
Benzidine
Concen: 58.154 ng
RT: 19.460 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

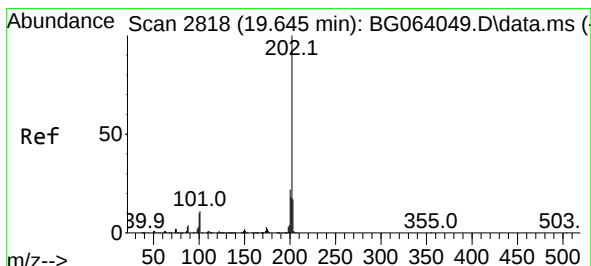
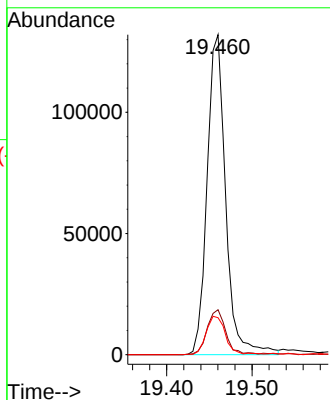
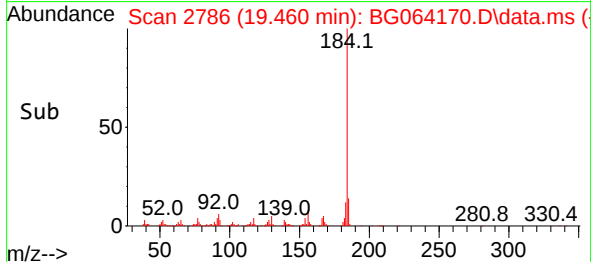
Instrument :
BNA_G
ClientSampleId :
PB167376BS



Tgt Ion:184 Resp: 200160
Ion Ratio Lower Upper
184 100
185 14.0 11.3 16.9
183 11.5 9.5 14.3

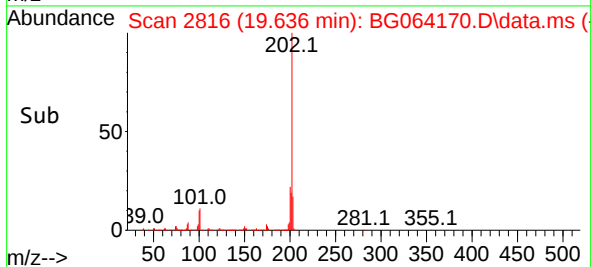
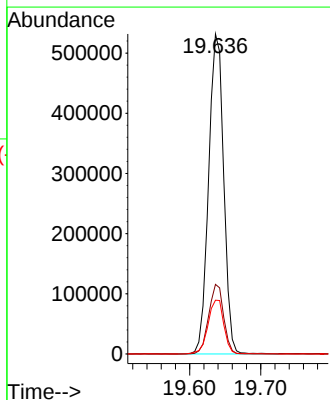
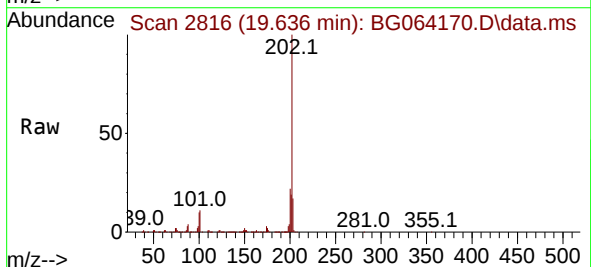
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APPROVED

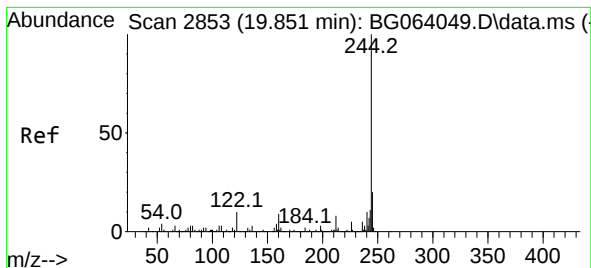
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#78
Pyrene
Concen: 48.904 ng
RT: 19.636 min Scan# 2816
Delta R.T. -0.009 min
Lab File: BG064170.D
Acq: 3 Apr 2025 17:15

Tgt Ion:202 Resp: 783605
Ion Ratio Lower Upper
202 100
200 21.7 17.3 25.9
203 16.8 13.6 20.4





#79

Terphenyl-d14

Concen: 97.596 ng

RT: 19.842 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG064170.D

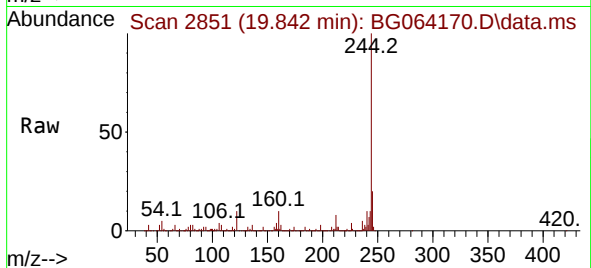
Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS



Tgt Ion:244 Resp: 119978

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.4

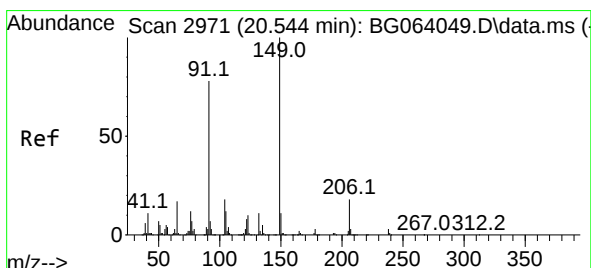
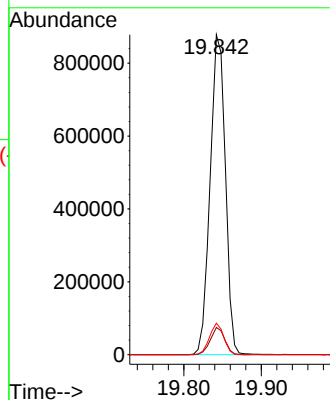
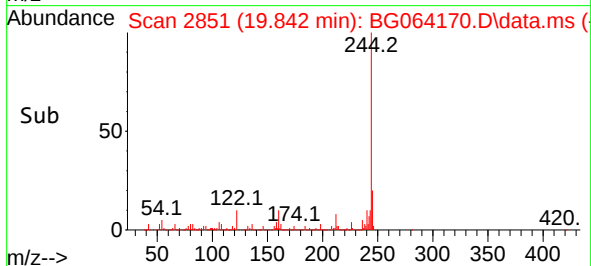
122 9.9 8.0 12.0

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#80

Butylbenzylphthalate

Concen: 55.069 ng

RT: 20.535 min Scan# 2969

Delta R.T. -0.009 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

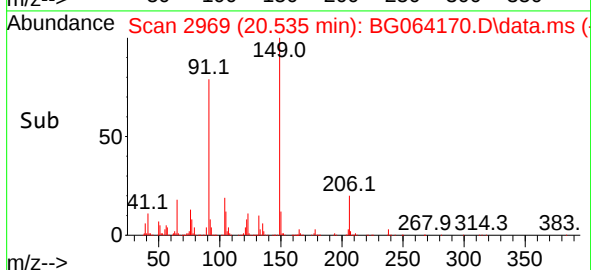
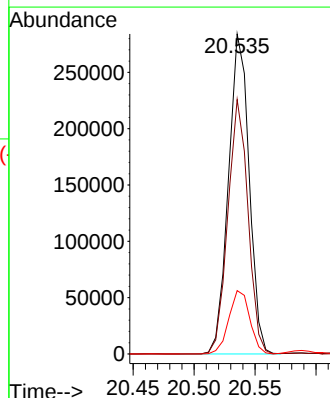
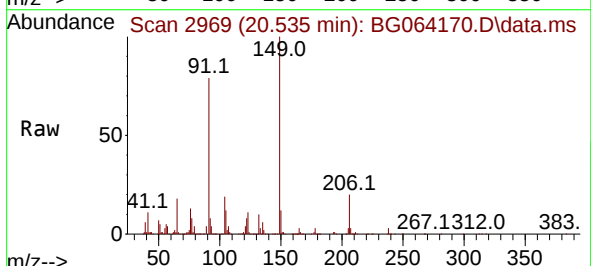
Tgt Ion:149 Resp: 334596

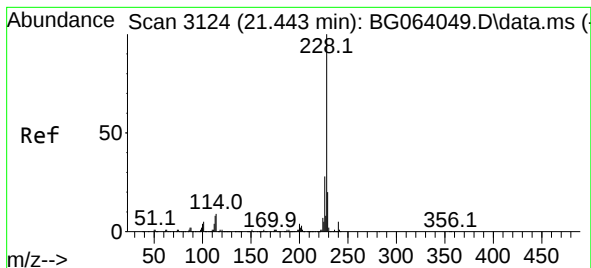
Ion Ratio Lower Upper

149 100

91 79.5 62.0 93.0

206 19.8 14.6 21.8





#81

Benzo(a)anthracene

Concen: 50.046 ng

RT: 21.434 min Scan# 3109

Delta R.T. -0.009 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS

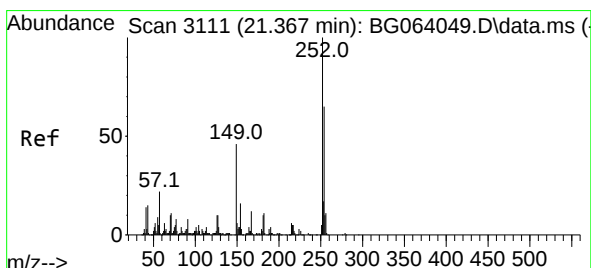
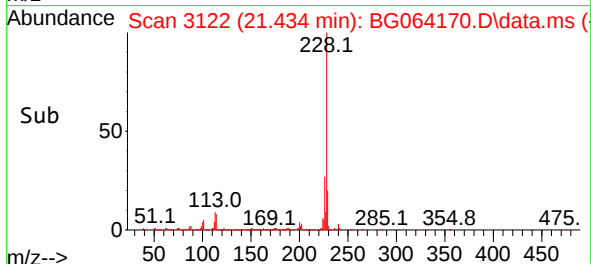
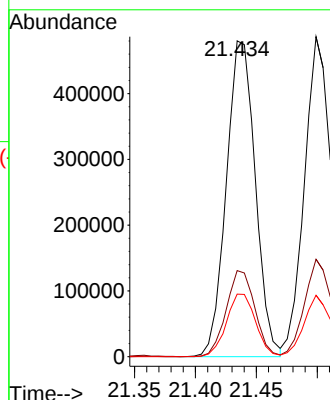
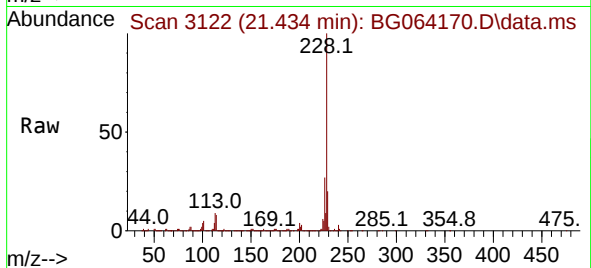
Tgt Ion:228	Resp: 79687
Ion Ratio	Lower Upper
228 100	
226 27.3	22.2 33.2
229 19.8	16.4 24.6

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#82

3,3'-Dichlorobenzidine

Concen: 28.353 ng

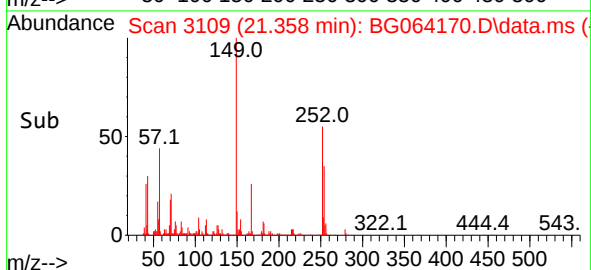
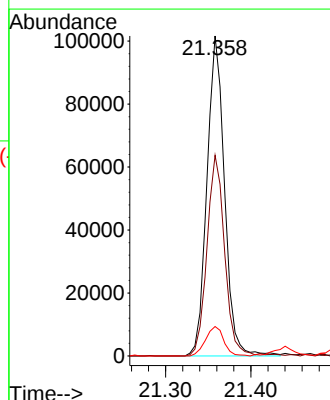
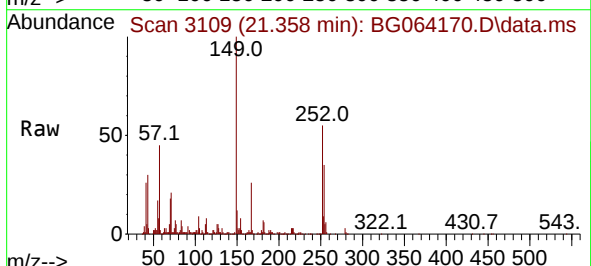
RT: 21.358 min Scan# 3109

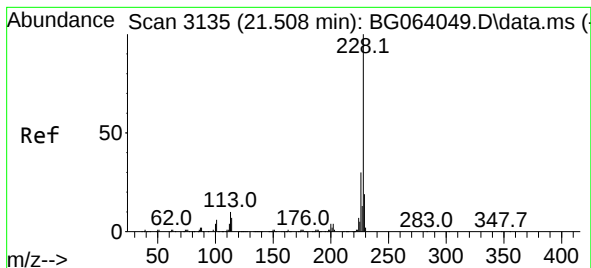
Delta R.T. -0.009 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Tgt Ion:252	Resp: 146108
Ion Ratio	Lower Upper
252 100	
254 62.7	52.1 78.1
126 9.2	7.8 11.8





#83

Chrysene

Concen: 47.057 ng

RT: 21.499 min Scan# 3135

Delta R.T. -0.009 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

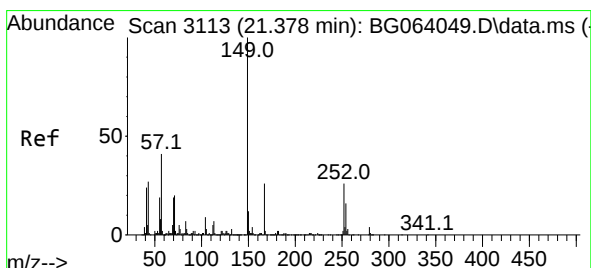
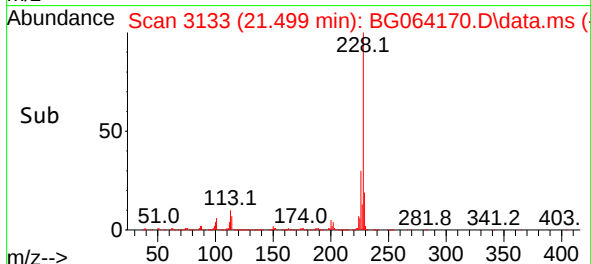
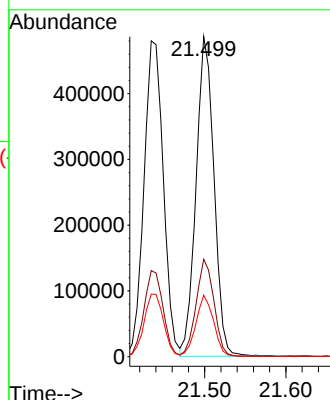
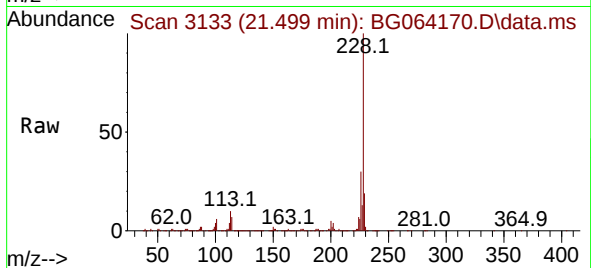
PB167376BS

Tgt Ion:228 Resp: 747304
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.9 35.9
 229 19.2 15.3 22.9

Manual Integrations

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.034 ng

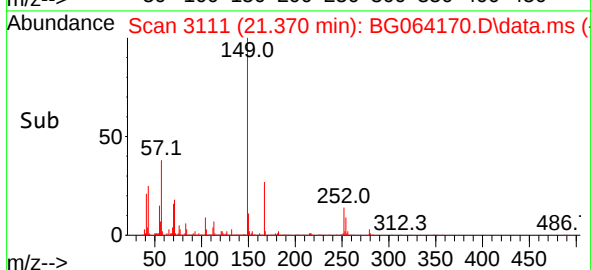
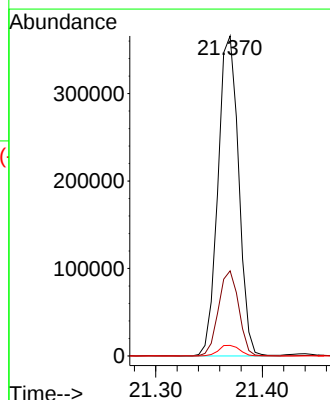
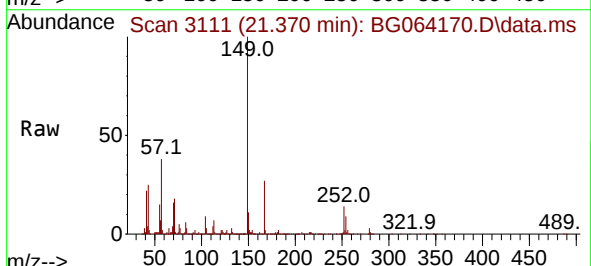
RT: 21.370 min Scan# 3111

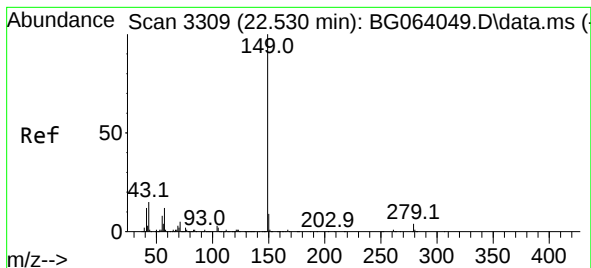
Delta R.T. -0.009 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Tgt Ion:149 Resp: 491136
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.0 31.6
 279 3.3 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 57.611 ng

RT: 22.509 min Scan# 31

Delta R.T. -0.021 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS

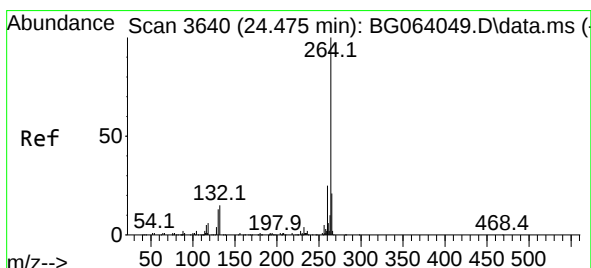
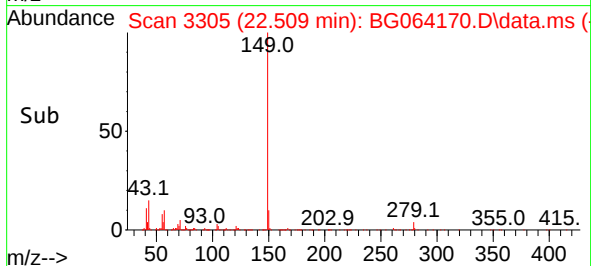
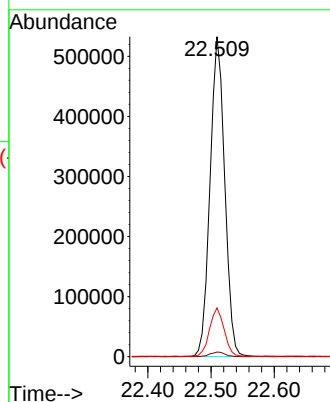
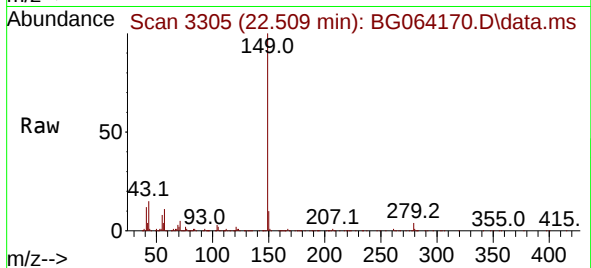
Tgt Ion:149 Resp: 855709
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 15.1 12.6 19.0

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#86

Perylene-d12

Concen: 20.000 ng

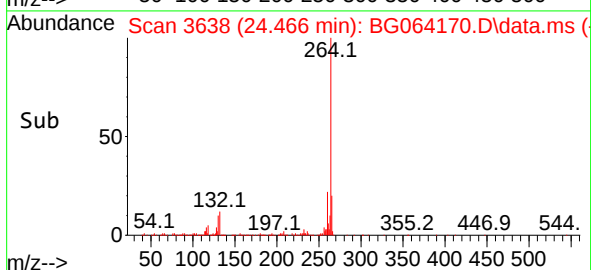
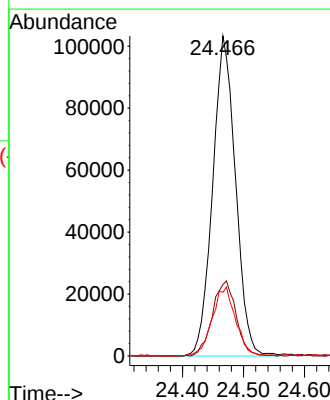
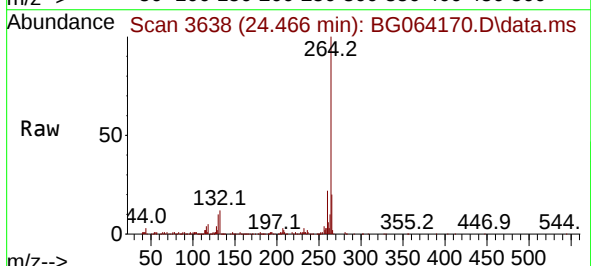
RT: 24.466 min Scan# 3638

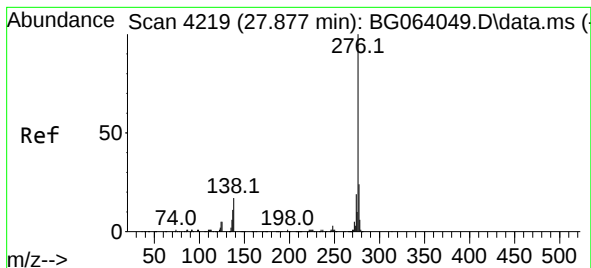
Delta R.T. -0.009 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Tgt Ion:264 Resp: 269225
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.6 29.4
 265 19.9 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.555 ng

RT: 27.874 min Scan# 4219

Delta R.T. -0.003 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS

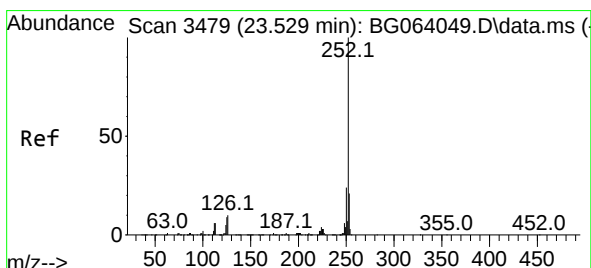
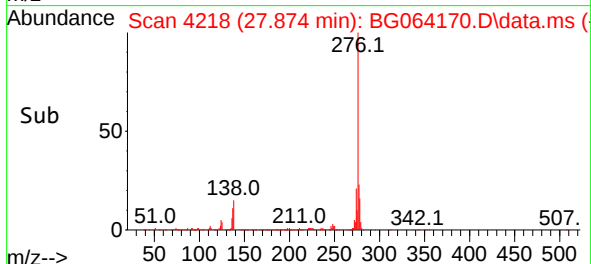
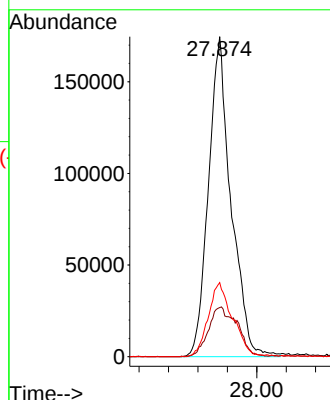
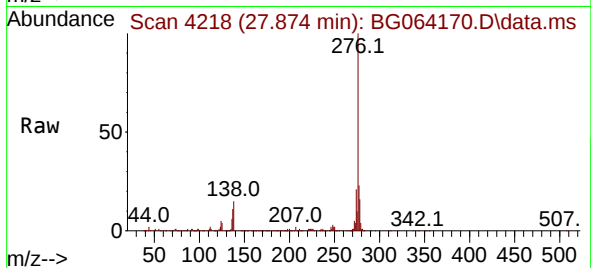
Tgt Ion:276 Resp: 92866
 Ion Ratio Lower Upper
 276 100
 138 19.9 12.1 18.1
 277 25.0 20.0 30.0

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: 47.014 ng

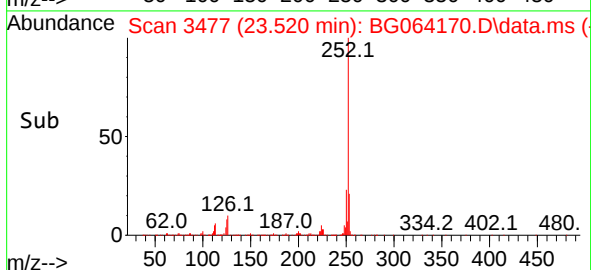
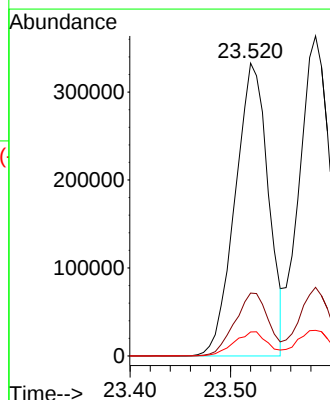
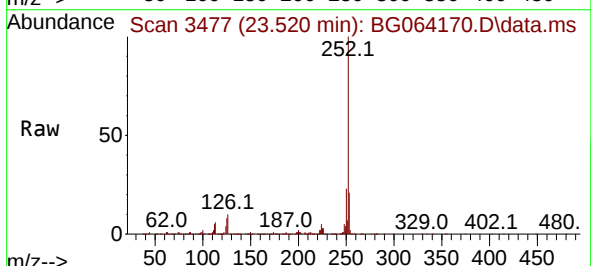
RT: 23.520 min Scan# 3477

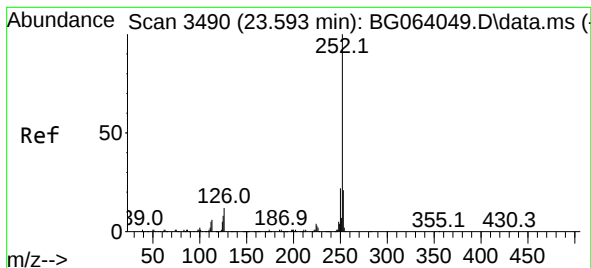
Delta R.T. -0.009 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Tgt Ion:252 Resp: 765183
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.0 25.4
 125 8.2 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 48.290 ng

RT: 23.585 min Scan# 34

Delta R.T. -0.009 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS

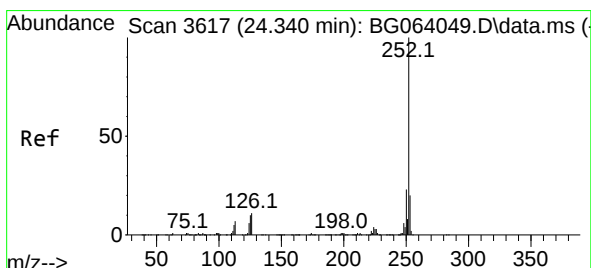
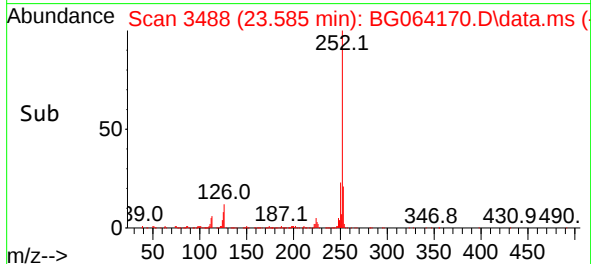
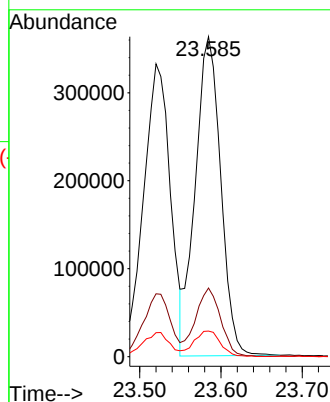
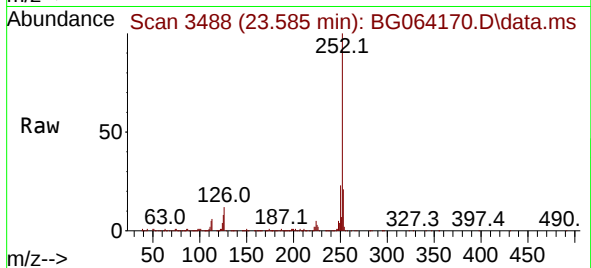
Tgt Ion:252 Resp: 788472
 Ion Ratio Lower Upper
 252 100
 253 21.4 16.8 25.2
 125 8.0 6.9 10.3

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#90

Benzo(a)pyrene

Concen: 51.191 ng

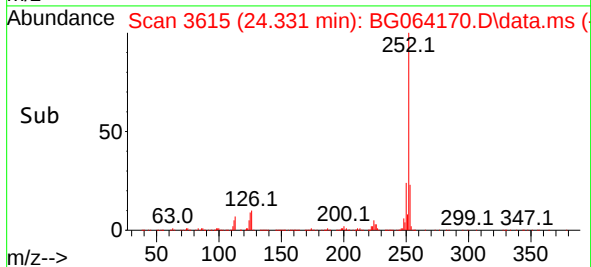
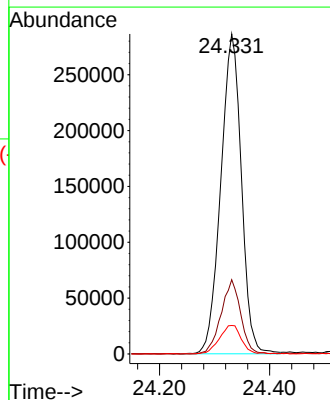
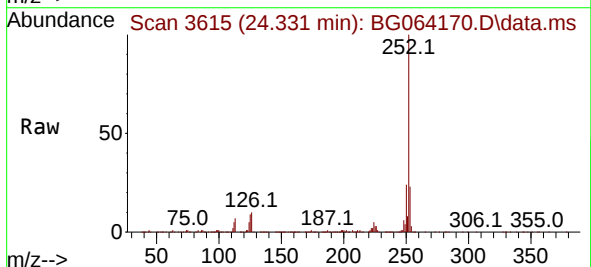
RT: 24.331 min Scan# 3615

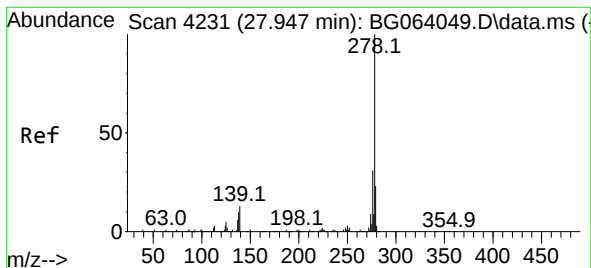
Delta R.T. -0.009 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Tgt Ion:252 Resp: 742012
 Ion Ratio Lower Upper
 252 100
 253 23.2 16.2 24.2
 125 8.9 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 50.695 ng

RT: 27.933 min Scan# 41

Delta R.T. -0.015 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Instrument :

BNA_G

ClientSampleId :

PB167376BS

Tgt Ion:278 Resp: 75706

Ion Ratio Lower Upper

278 100

139 11.8 10.2 15.2

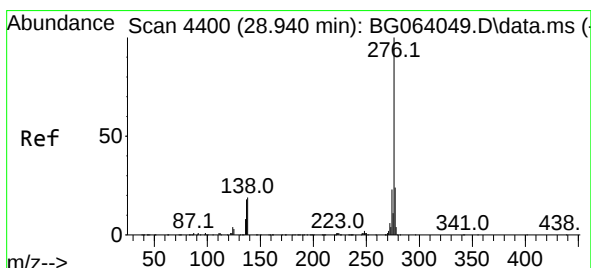
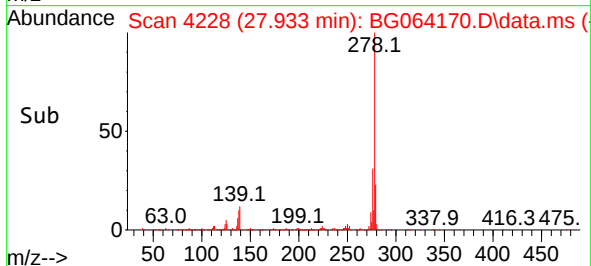
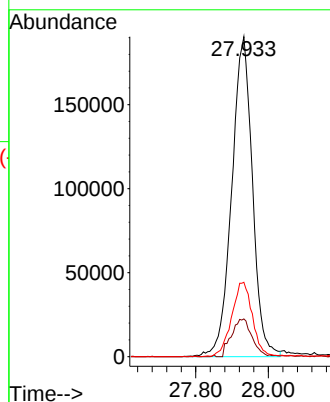
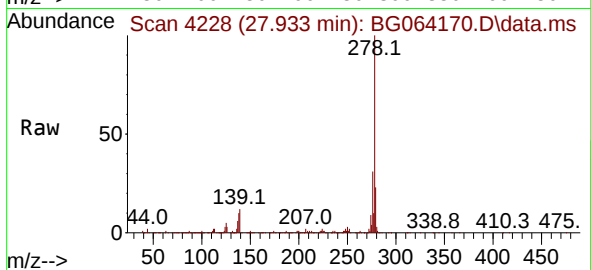
279 23.3 18.1 27.1

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#92

Benzo(g,h,i)perylene

Concen: 48.043 ng

RT: 28.925 min Scan# 4397

Delta R.T. -0.015 min

Lab File: BG064170.D

Acq: 3 Apr 2025 17:15

Tgt Ion:276 Resp: 736625

Ion Ratio Lower Upper

276 100

277 23.3 19.5 29.3

138 16.3 15.4 23.0

