

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110525\
 Data File : BG064697.D
 Acq On : 5 Nov 2025 22:51
 Operator : RC/JU
 Sample : Q3532-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 06 00:11:59 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 03 18:16:26 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	17578	20.000	ng	-0.02
21) Naphthalene-d8	11.028	136	79582	20.000	ng	#-0.02
39) Acenaphthene-d10	14.830	164	87377	20.000	ng	-0.01
64) Phenanthrene-d10	17.562	188	283672	20.000	ng	-0.02
76) Chrysene-d12	21.839	240	309900	20.000	ng	#-0.02
86) Perylene-d12	25.165	264	316358	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.735	112	72528	69.256	ng	-0.01
7) Phenol-d6	7.339	99	116176	80.844	ng	-0.01
23) Nitrobenzene-d5	9.366	82	65164	49.181	ng	-0.02
42) 2,4,6-Tribromophenol	16.305	330	143108	113.478	ng	-0.01
45) 2-Fluorobiphenyl	13.455	172	186288	32.316	ng	-0.02
79) Terphenyl-d14	20.153	244	792499	48.260	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.567	88	15318	33.038	ng	97
3) Pyridine	3.978	79	44338	31.844	ng	100
4) n-Nitrosodimethylamine	3.884	42	31618	42.346	ng	94
6) Aniline	7.515	93	45067	23.047	ng	99
8) 2-Chlorophenol	7.762	128	61619	56.214	ng	92
9) Benzaldehyde	7.327	77	33428	42.609	ng	97
10) Phenol	7.368	94	89579	56.366	ng	93
11) bis(2-Chloroethyl)ether	7.603	93	49024	41.957	ng	93
12) 1,3-Dichlorobenzene	8.091	146	59205	46.927	ng	94
13) 1,4-Dichlorobenzene	8.238	146	61202	47.709	ng	98
14) 1,2-Dichlorobenzene	8.561	146	60684	49.044	ng	97
15) Benzyl Alcohol	8.432	79	65154	54.982	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.731	45	129493	42.250	ng	97
17) 2-Methylphenol	8.637	107	63623	60.297	ng	96
18) Hexachloroethane	9.307	117	21959	48.778	ng	94
19) n-Nitroso-di-n-propyla...	9.007	70	51668	52.025	ng	98
20) 3+4-Methylphenols	8.960	107	90616	61.066	ng	97
22) Acetophenone	9.025	105	100262	46.088	ng	# 96
24) Nitrobenzene	9.407	77	77100	53.500	ng	92
25) Isophorone	9.936	82	156544	49.238	ng	98
26) 2-Nitrophenol	10.124	139	35495	62.802	ng	# 91
27) 2,4-Dimethylphenol	10.177	122	72084	60.952	ng	96
28) bis(2-Chloroethoxy)met...	10.417	93	83064	45.886	ng	97
29) 2,4-Dichlorophenol	10.664	162	81565	64.086	ng	98
30) 1,2,4-Trichlorobenzene	10.887	180	75255	52.040	ng	97
31) Naphthalene	11.081	128	210542	47.717	ng	100
32) Benzoic acid	10.300	122	49432m	53.795	ng	
33) 4-Chloroaniline	11.175	127	31435	18.330	ng	94
34) Hexachlorobutadiene	11.369	225	56332	49.811	ng	90
35) Caprolactam	11.939	113	32382m	66.336	ng	
36) 4-Chloro-3-methylphenol	12.280	107	108106	70.664	ng	95
37) 2-Methylnaphthalene	12.674	142	161078	49.724	ng	99
38) 1-Methylnaphthalene	12.891	142	168736	52.616	ng	96
40) 1,2,4,5-Tetrachloroben...	13.032	216	125664	42.853	ng	99
41) Hexachlorocyclopentadiene	13.020	237	146854	111.261	ng	96
43) 2,4,6-Trichlorophenol	13.267	196	95556	56.967	ng	97

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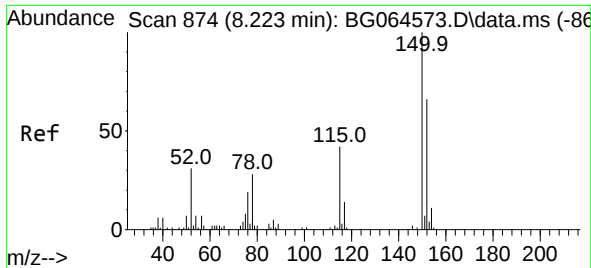
Quant Time: Nov 06 00:11:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Manual Integrations
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 Supervised By :Jagrut Upadhyay 11/06/2025

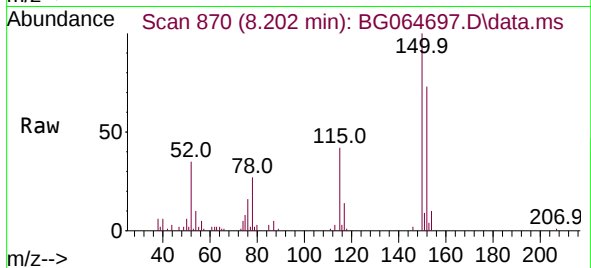
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.338	196	116984	60.435	ng	96
46) 1,1'-Biphenyl	13.667	154	269225	43.340	ng	96
47) 2-Chloronaphthalene	13.708	162	206951	44.136	ng	99
48) 2-Nitroaniline	13.902	65	91023	57.165	ng	95
49) Acenaphthylene	14.554	152	398066	53.822	ng	99
50) Dimethylphthalate	14.272	163	348825	52.172	ng	98
51) 2,6-Dinitrotoluene	14.389	165	72869	64.851	ng	92
52) Acenaphthene	14.889	154	287876	56.971	ng	99
53) 3-Nitroaniline	14.718	138	36486	31.754	ng	# 97
54) 2,4-Dinitrophenol	14.918	184	97599	139.703	ng	# 39
55) Dibenzofuran	15.224	168	408270	49.977	ng	99
56) 4-Nitrophenol	15.018	139	149019	139.882	ng	91
57) 2,4-Dinitrotoluene	15.171	165	118276	67.984	ng	# 93
58) Fluorene	15.870	166	337165	52.848	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.441	232	139362	75.290	ng	97
60) Diethylphthalate	15.629	149	369452	54.118	ng	98
61) 4-Chlorophenyl-phenyle...	15.858	204	196502	54.883	ng	98
62) 4-Nitroaniline	15.876	138	89993	70.399	ng	90
63) Azobenzene	16.152	77	337984	53.958	ng	95
65) 4,6-Dinitro-2-methylph...	15.935	198	81519	63.350	ng	97
66) n-Nitrosodiphenylamine	16.070	169	339832	44.349	ng	97
67) 4-Bromophenyl-phenylether	16.751	248	158236	47.071	ng	96
68) Hexachlorobenzene	16.875	284	189267	49.352	ng	98
69) Atrazine	17.010	200	182985	55.491	ng	98
70) Pentachlorophenol	17.215	266	234407	98.017	ng	97
71) Phenanthrene	17.609	178	743519	47.929	ng	100
72) Anthracene	17.697	178	762352	48.310	ng	99
73) Carbazole	17.962	167	720370	51.768	ng	99
74) Di-n-butylphthalate	18.514	149	801919	49.836	ng	99
75) Fluoranthene	19.601	202	1052096	54.138	ng	97
77) Benzidine	19.771	184	234457	33.769	ng	99
78) Pyrene	19.965	202	1074241	53.056	ng	99
80) Butylbenzylphthalate	20.835	149	334144	54.604	ng	96
81) Benzo(a)anthracene	21.816	228	1004587	48.890	ng	99
82) 3,3'-Dichlorobenzidine	21.722	252	157999	23.026	ng	# 99
83) Chrysene	21.886	228	927875	47.457	ng	98
84) Bis(2-ethylhexyl)phtha...	21.722	149	441985	48.336	ng	# 98
85) Di-n-octyl phthalate	22.973	149	713288	46.268	ng	96
87) Indeno(1,2,3-cd)pyrene	28.990	276	1170981	50.316	ng	# 96
88) Benzo(b)fluoranthene	24.107	252	953438	49.149	ng	# 98
89) Benzo(k)fluoranthene	24.178	252	985420m	50.763	ng	
90) Benzo(a)pyrene	25.012	252	917194	51.436	ng	# 98
91) Dibenzo(a,h)anthracene	29.060	278	960877	50.821	ng	# 97
92) Benzo(g,h,i)perylene	30.188	276	924279	51.174	ng	94

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.202 min Scan# 81
Delta R.T. -0.021 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

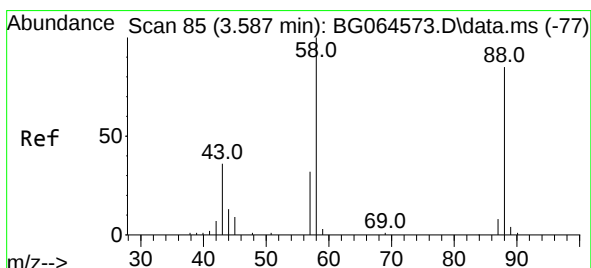
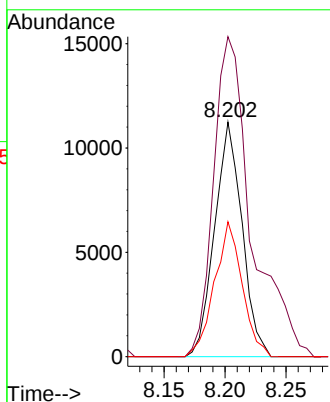
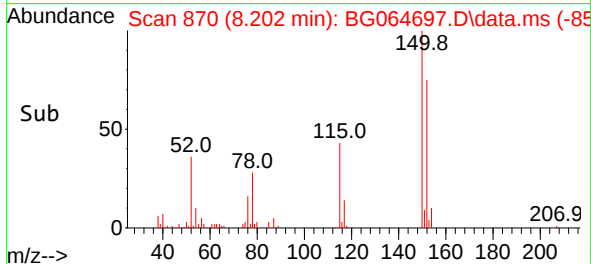
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



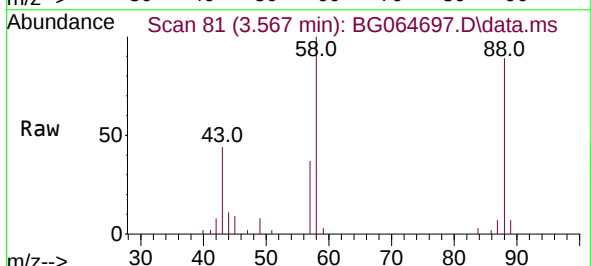
Tgt Ion:152 Resp: 17578
Ion Ratio Lower Upper
152 100
150 136.5 122.2 183.4
115 57.5 50.8 76.2

Manual Integrations
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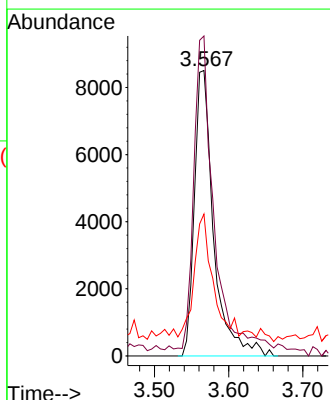
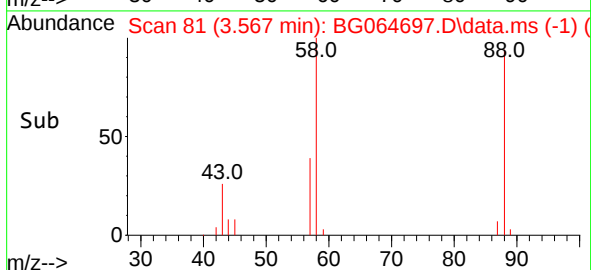
Reviewed By :Rahul Chavli 11/06/2025
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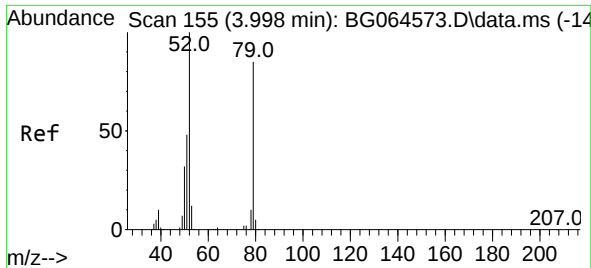


#2
1,4-Dioxane
Concen: 33.038 ng
RT: 3.567 min Scan# 81
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51



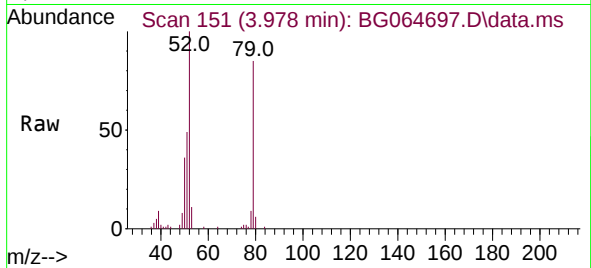
Tgt Ion: 88 Resp: 15318
Ion Ratio Lower Upper
88 100
58 111.2 92.4 138.6
43 41.2 33.0 49.6





#3
Pyridine
Concen: 31.844 ng
RT: 3.978 min Scan# 11
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

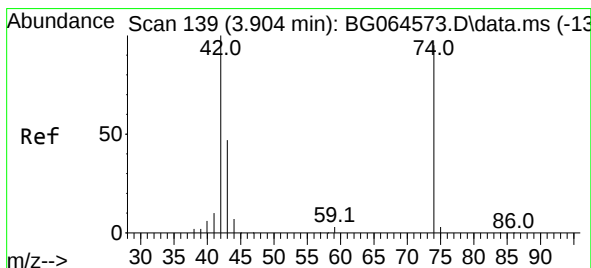
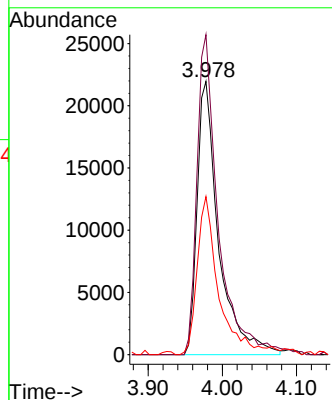
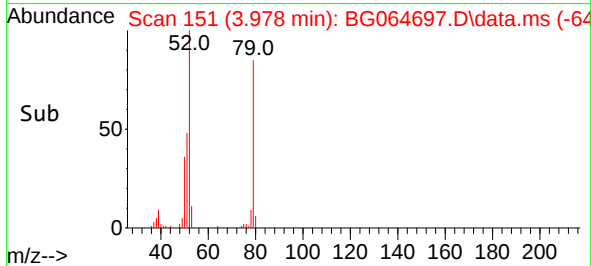
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



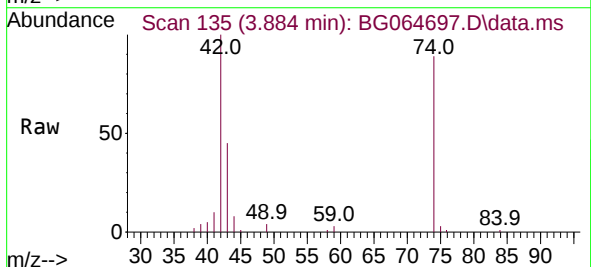
Tgt Ion: 79 Resp: 44338
Ion Ratio Lower Upper
79 100
52 117.1 94.2 141.2
51 57.8 46.1 69.1

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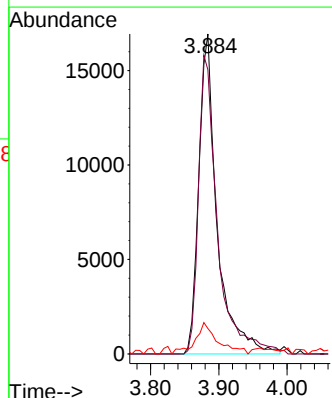
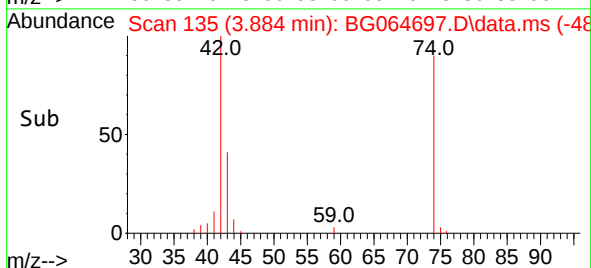
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

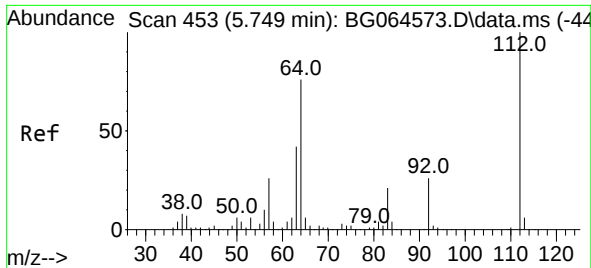


#4
n-Nitrosodimethylamine
Concen: 42.346 ng
RT: 3.884 min Scan# 135
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51



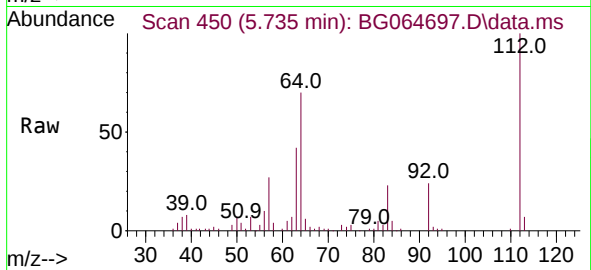
Tgt Ion: 42 Resp: 31618
Ion Ratio Lower Upper
42 100
74 88.8 76.1 114.1
44 7.9 6.3 9.5





#5
2-Fluorophenol
Concen: 69.256 ng
RT: 5.735 min Scan# 453
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

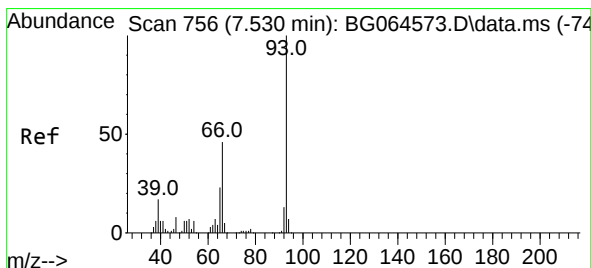
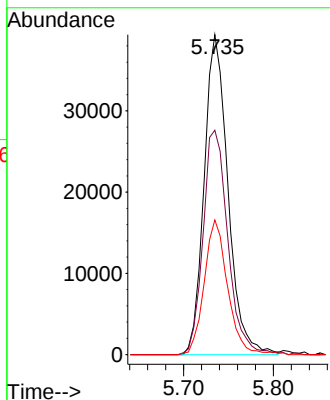
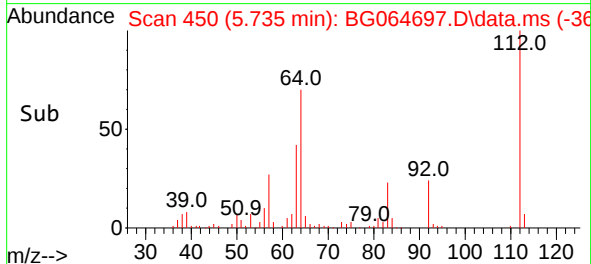
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion:112 Resp: 72528
Ion Ratio Lower Upper
112 100
64 70.1 60.7 91.1
63 42.1 33.4 50.0

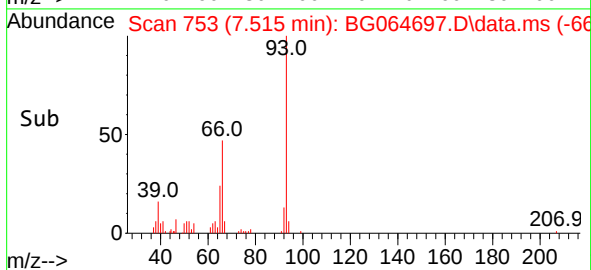
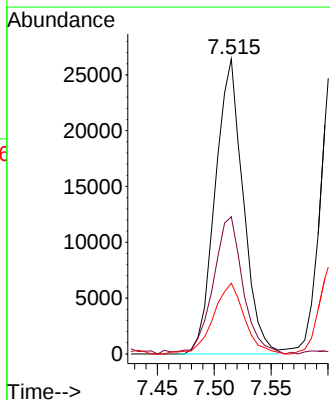
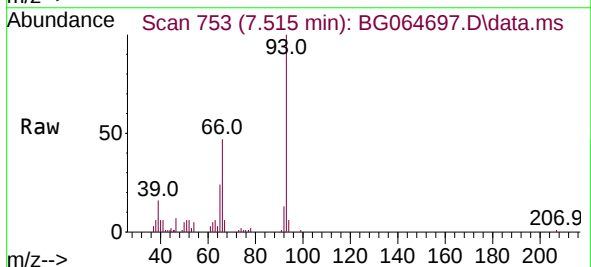
Manual Integrations
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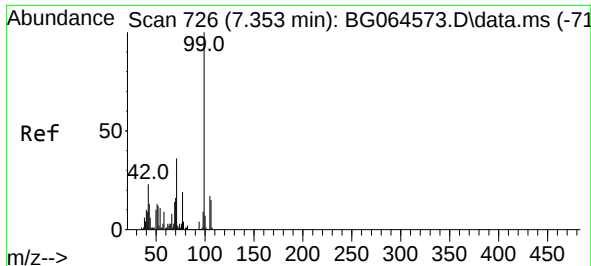
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#6
Aniline
Concen: 23.047 ng
RT: 7.515 min Scan# 753
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

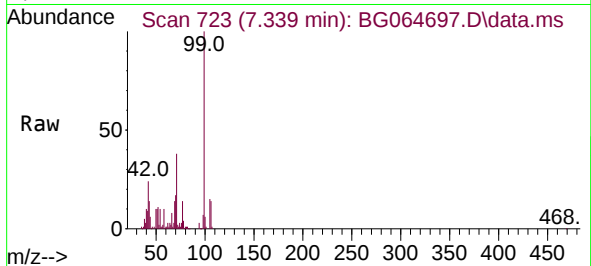
Tgt Ion: 93 Resp: 45067
Ion Ratio Lower Upper
93 100
66 46.5 37.0 55.6
65 24.0 18.3 27.5





#7
Phenol-d6
Concen: 80.844 ng
RT: 7.339 min Scan# 71
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

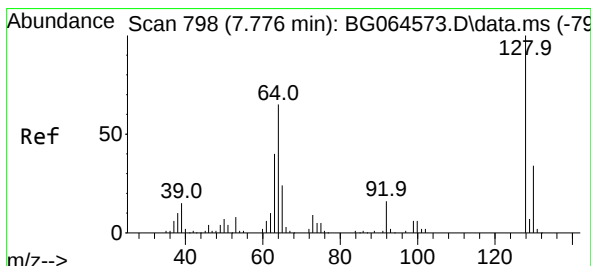
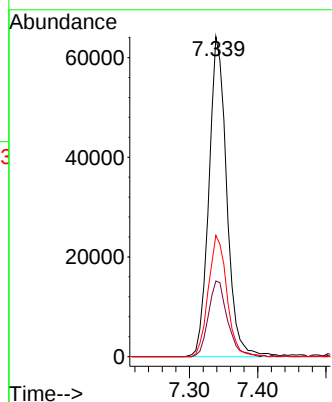
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion: 99 Resp: 116176
Ion Ratio Lower Upper
99 100
42 23.6 18.3 27.5
71 37.9 28.6 43.0

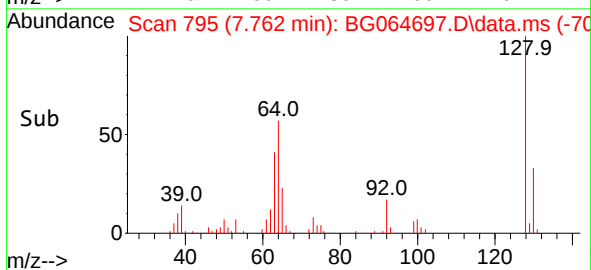
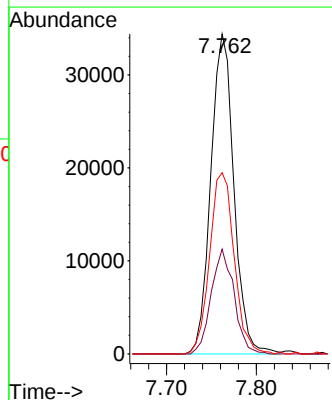
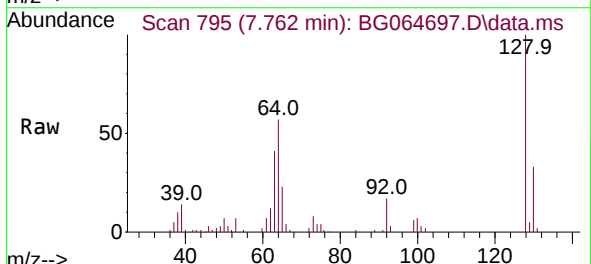
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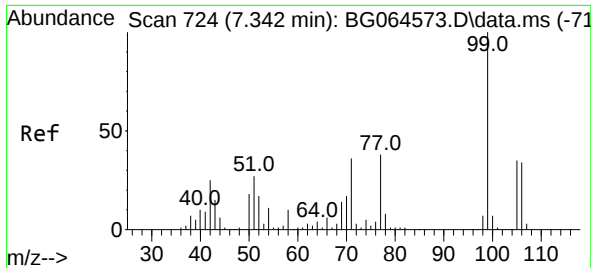
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#8
2-Chlorophenol
Concen: 56.214 ng
RT: 7.762 min Scan# 795
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

Tgt Ion:128 Resp: 61619
Ion Ratio Lower Upper
128 100
130 32.7 13.5 53.5
64 56.6 45.2 85.2





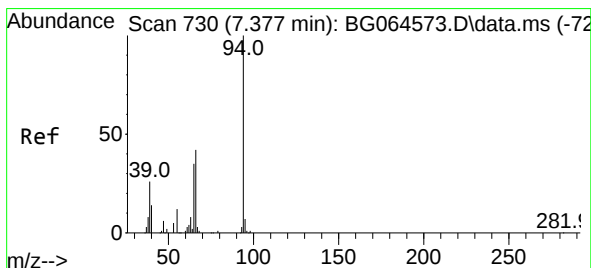
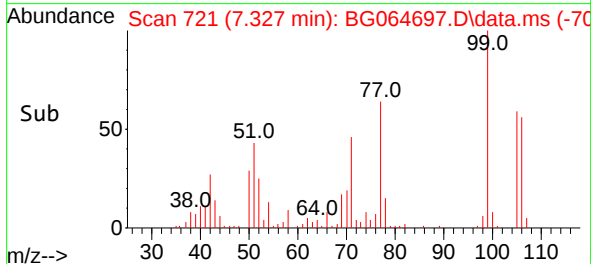
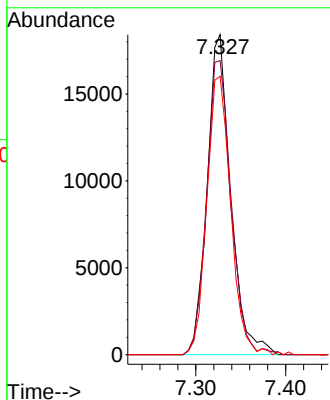
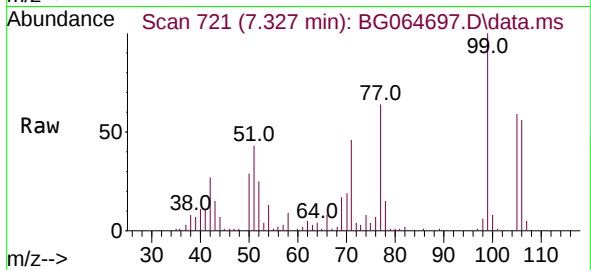
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Benzaldehyde
Concen: 42.609 ng
RT: 7.327 min Scan# 721
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tgt Ion: 77 Resp: 33428
Ion Ratio Lower Upper
77 100
105 91.9 72.9 112.9
106 87.0 70.8 110.8

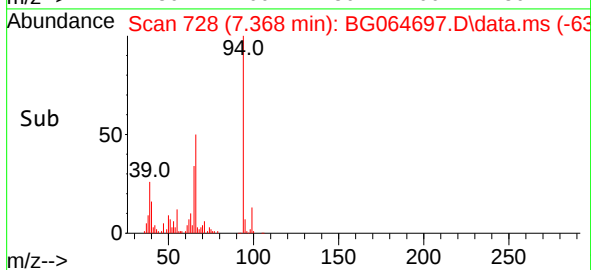
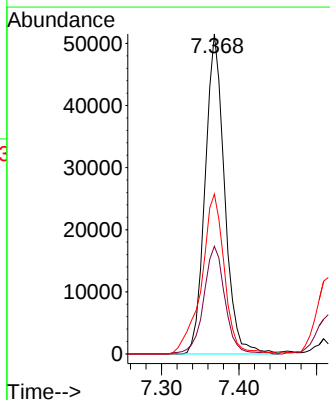
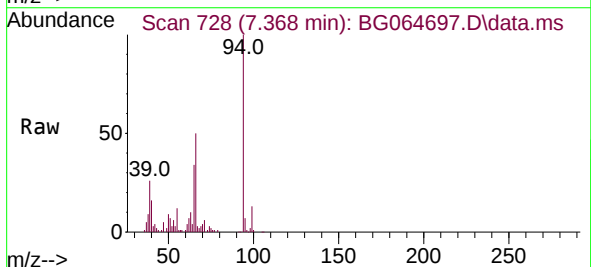
Manual Integrations
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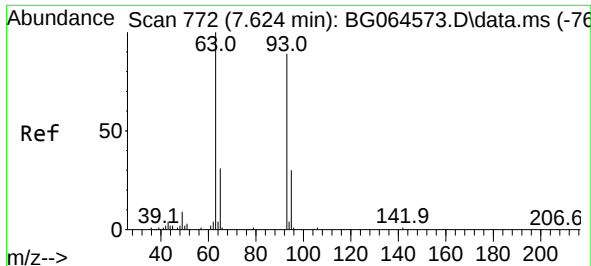
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#10
Phenol
Concen: 56.366 ng
RT: 7.368 min Scan# 728
Delta R.T. -0.009 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

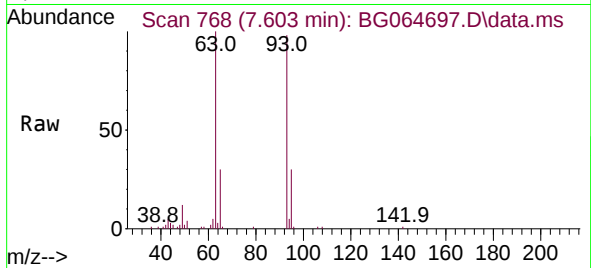
Tgt Ion: 94 Resp: 89579
Ion Ratio Lower Upper
94 100
65 33.6 15.8 55.8
66 49.9 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 41.957 ng
RT: 7.603 min Scan# 70
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

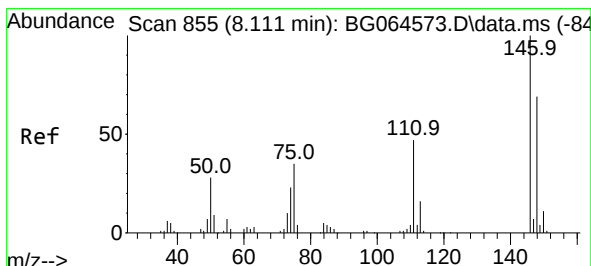
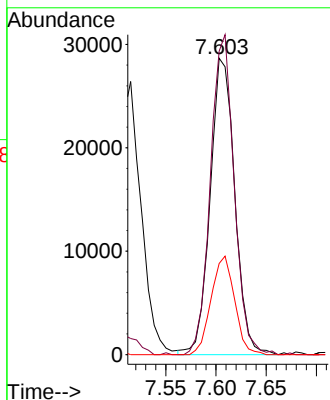
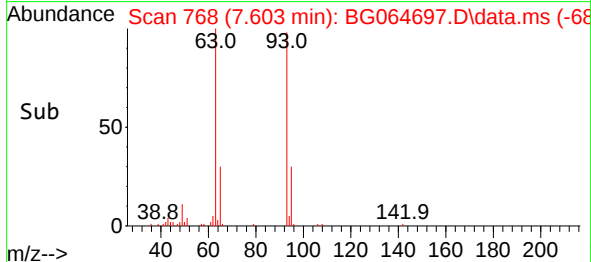
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion: 93 Resp: 49024
Ion Ratio Lower Upper
93 100
63 102.4 91.3 131.3
95 30.8 13.3 53.3

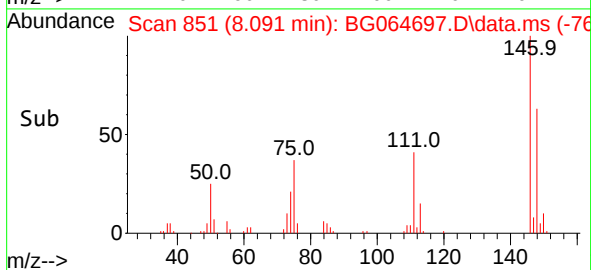
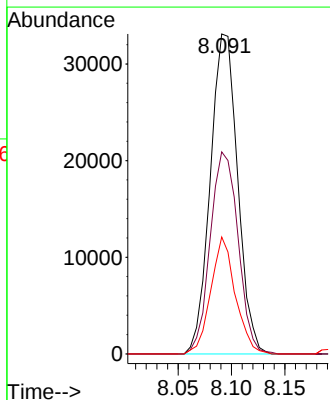
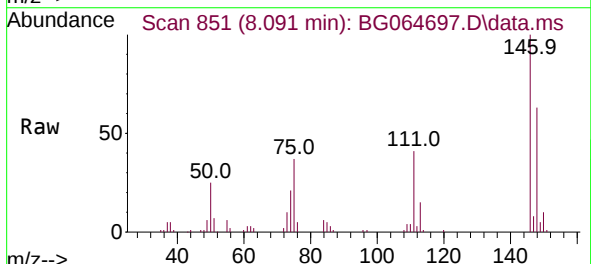
Manual Integrations
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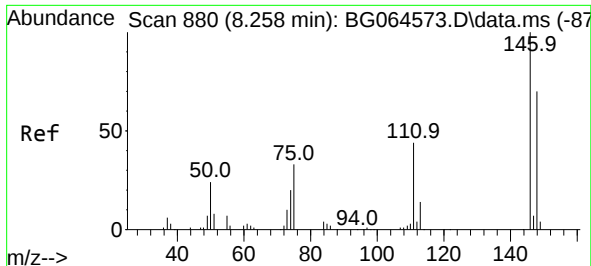
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#12
1,3-Dichlorobenzene
Concen: 46.927 ng
RT: 8.091 min Scan# 851
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

Tgt Ion:146 Resp: 59205
Ion Ratio Lower Upper
146 100
148 63.1 55.3 82.9
75 36.5 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 47.709 ng

RT: 8.238 min Scan# 81

Delta R.T. -0.020 min

Lab File: BG064697.D

Acq: 5 Nov 2025 22:51

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

Tgt Ion:146 Resp: 61202

Ion Ratio Lower Upper

146 100

148 68.5 56.2 84.4

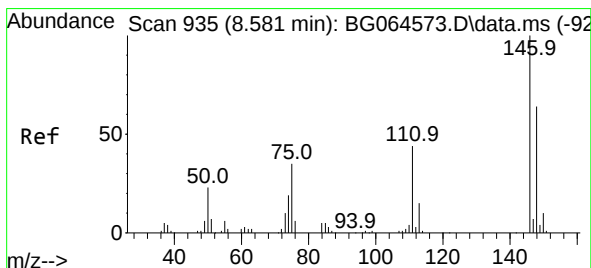
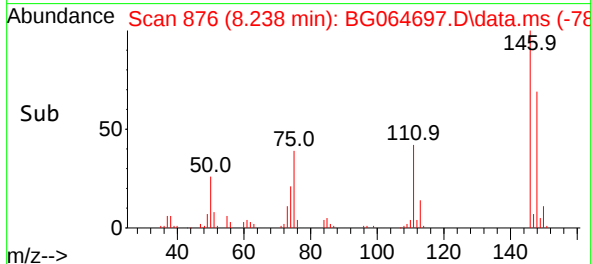
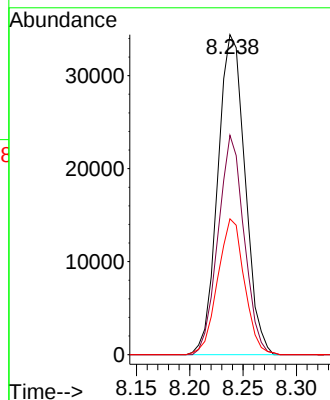
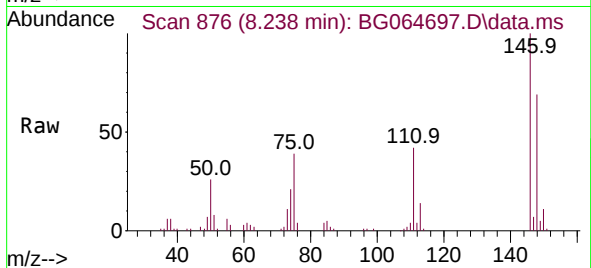
111 42.4 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#14

1,2-Dichlorobenzene

Concen: 49.044 ng

RT: 8.561 min Scan# 931

Delta R.T. -0.020 min

Lab File: BG064697.D

Acq: 5 Nov 2025 22:51

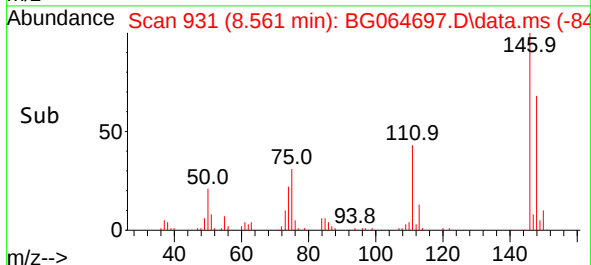
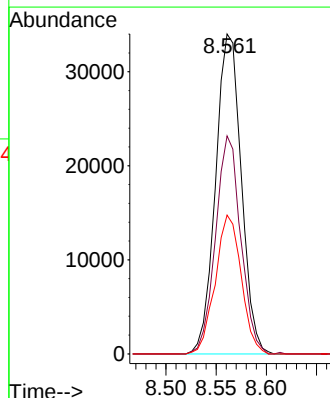
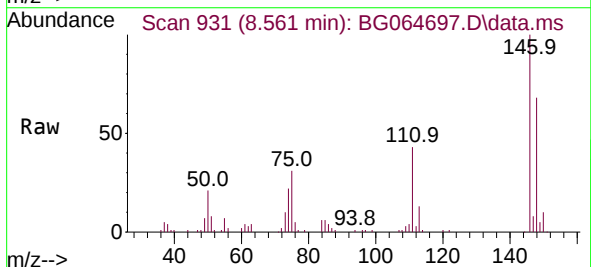
Tgt Ion:146 Resp: 60684

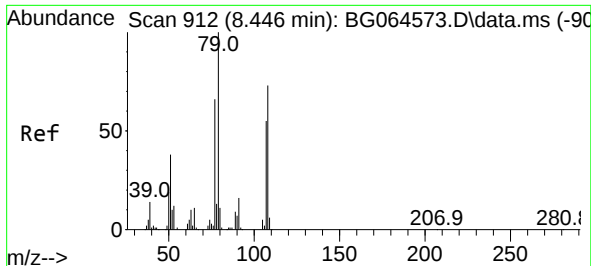
Ion Ratio Lower Upper

146 100

148 68.1 51.5 77.3

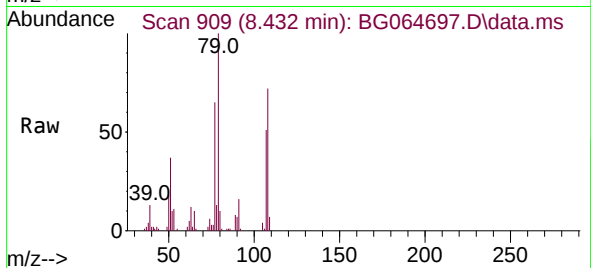
111 43.4 35.0 52.6





#15
Benzyl Alcohol
Concen: 54.982 ng
RT: 8.432 min Scan# 909
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

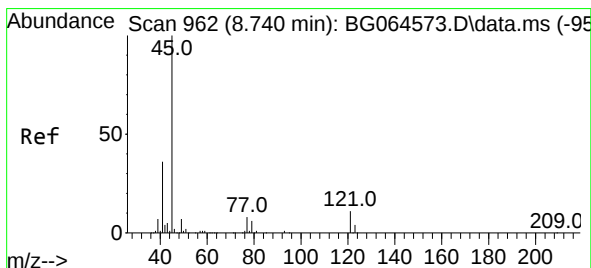
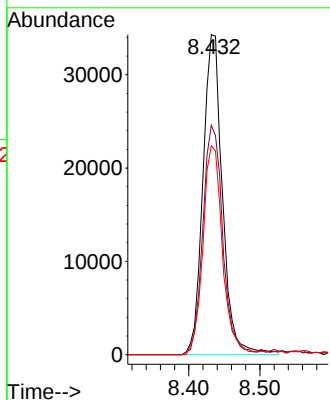
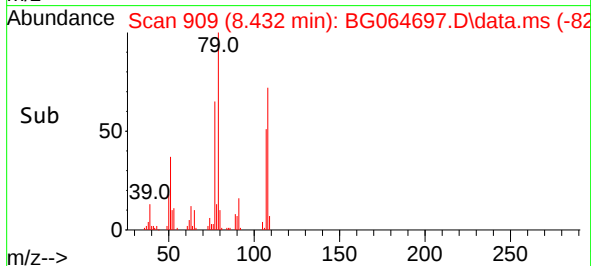
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



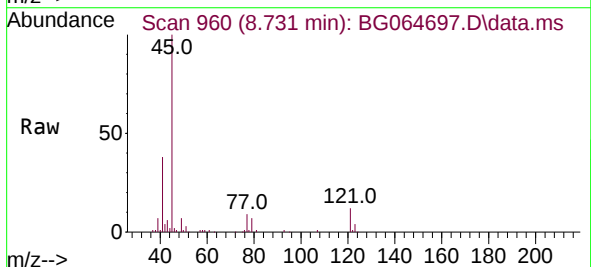
Tgt Ion: 79 Resp: 65154
Ion Ratio Lower Upper
79 100
108 71.7 58.1 87.1
77 65.3 52.8 79.2

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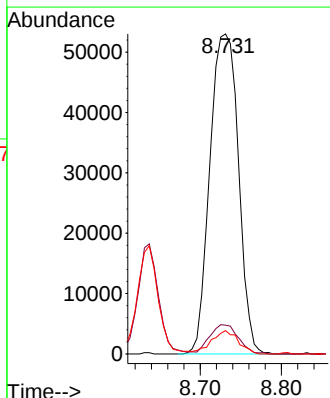
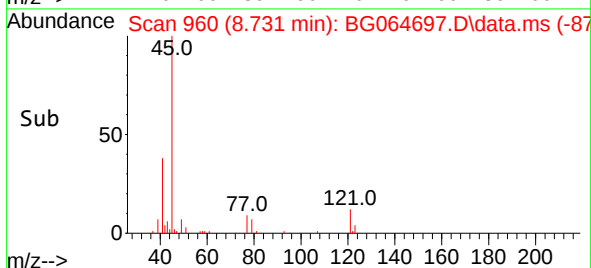
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

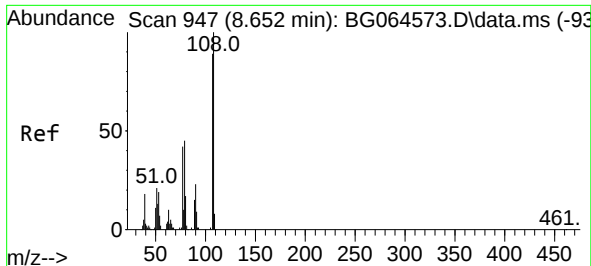


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.250 ng
RT: 8.731 min Scan# 960
Delta R.T. -0.009 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51



Tgt Ion: 45 Resp: 129493
Ion Ratio Lower Upper
45 100
77 9.0 0.0 28.5
79 7.3 0.0 25.6





#17

2-Methylphenol

Concen: 60.297 ng

RT: 8.637 min Scan# 94

Delta R.T. -0.015 min

Lab File: BG064697.D

Acq: 5 Nov 2025 22:51

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

Tgt Ion:107 Resp: 63623

Ion Ratio Lower Upper

107 100

108 108.2 90.0 135.0

77 50.4 37.8 56.8

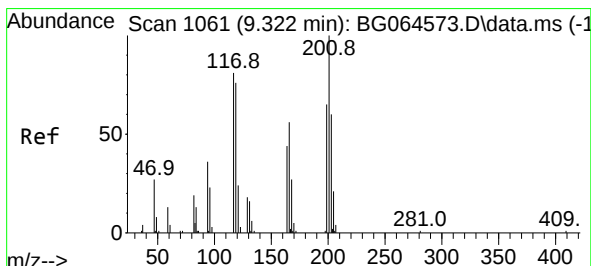
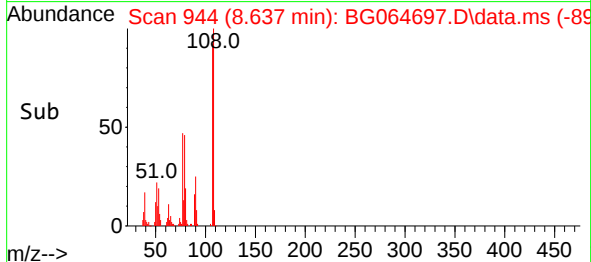
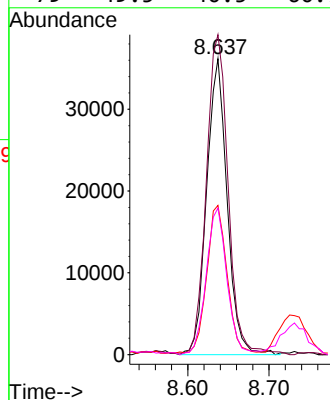
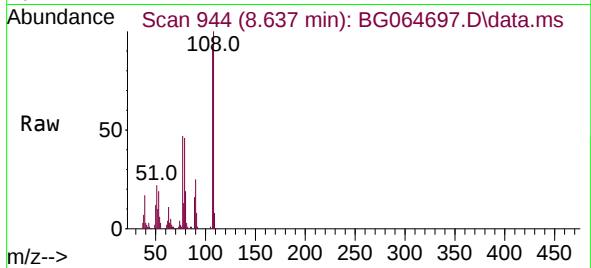
79 49.5 40.5 60.7

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#18

Hexachloroethane

Concen: 48.778 ng

RT: 9.307 min Scan# 1058

Delta R.T. -0.015 min

Lab File: BG064697.D

Acq: 5 Nov 2025 22:51

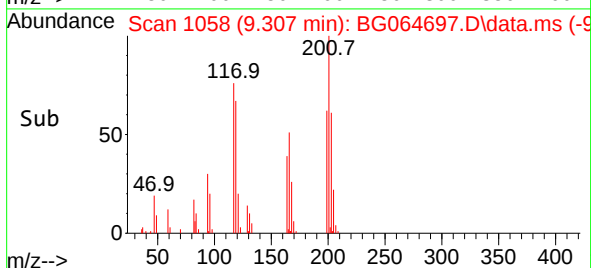
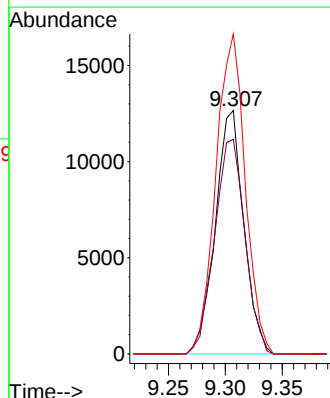
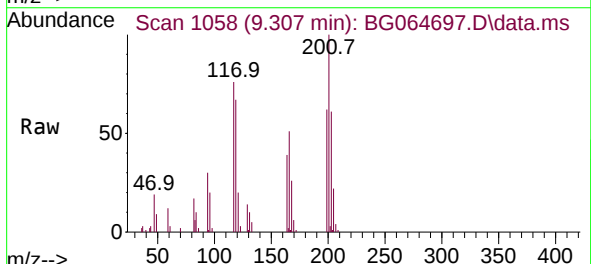
Tgt Ion:117 Resp: 21959

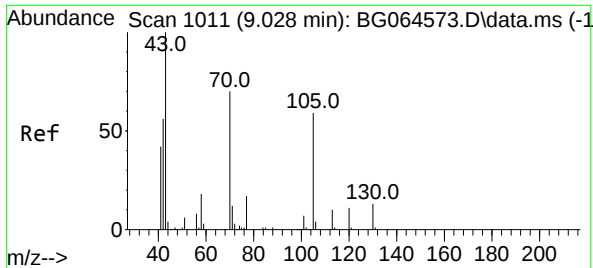
Ion Ratio Lower Upper

117 100

119 88.2 75.4 113.2

201 131.4 99.2 148.8





#19
n-Nitroso-di-n-propylamine
Concen: 52.025 ng
RT: 9.007 min Scan# 1011
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

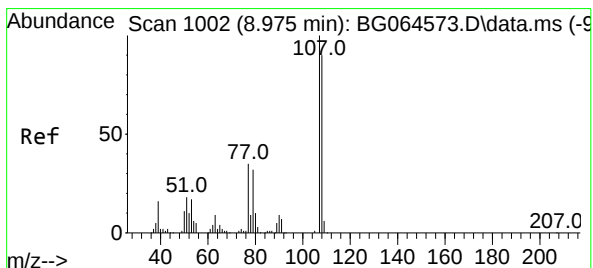
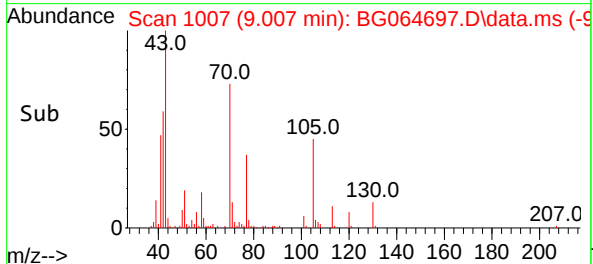
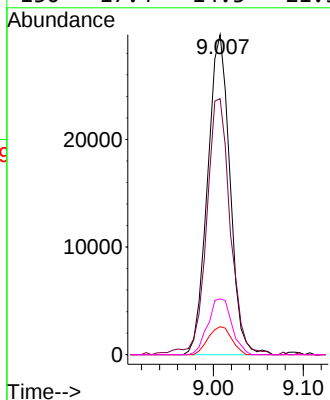
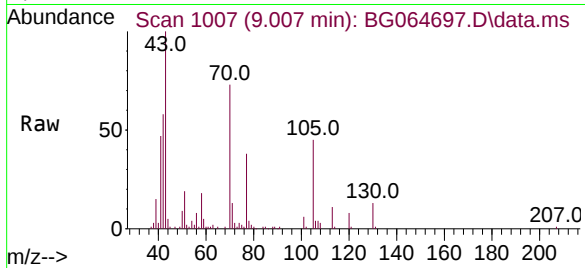
Tgt Ion: 70 Resp: 51668
Ion Ratio Lower Upper
70 100
42 80.0 65.2 97.8
101 8.7 7.9 11.9
130 17.4 14.3 21.5

Manual Integrations

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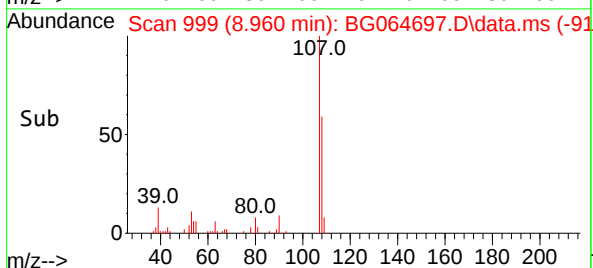
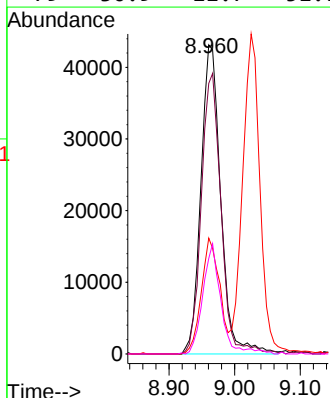
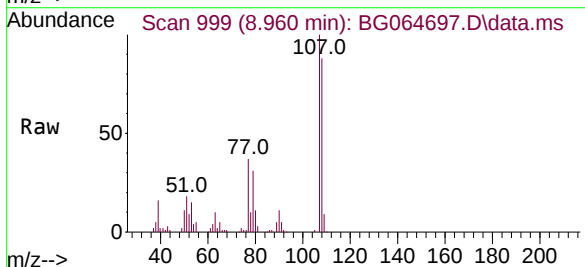
Reviewed By :Rahul Chavli 11/06/2025

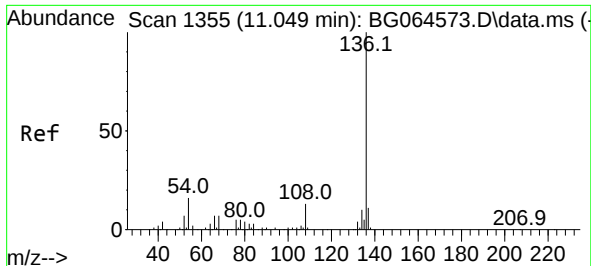
Supervised By :Jagrut Upadhyay 11/06/2025



#20
3+4-Methylphenols
Concen: 61.066 ng
RT: 8.960 min Scan# 999
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

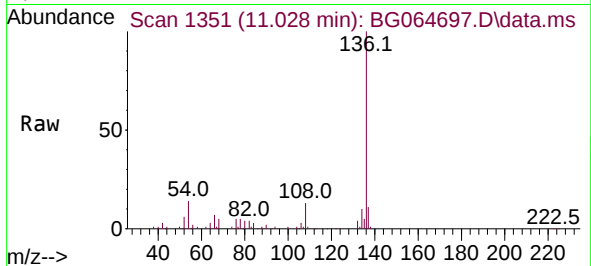
Tgt Ion:107 Resp: 90616
Ion Ratio Lower Upper
107 100
108 87.5 70.3 110.3
77 37.4 14.6 54.6
79 30.9 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.028 min Scan# 1355
Delta R.T. -0.021 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

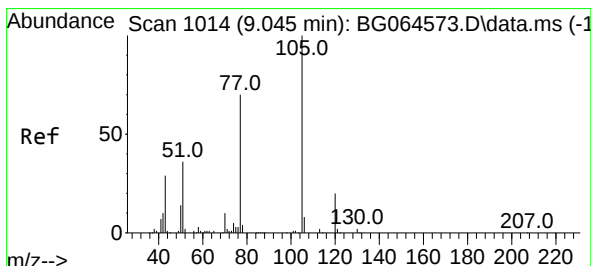
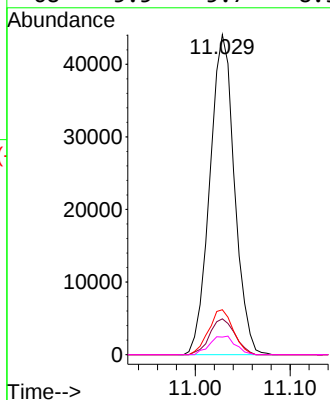
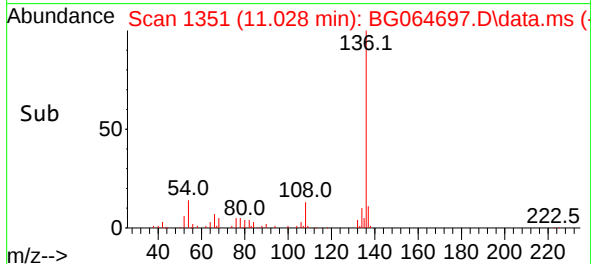
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion:136 Resp: 79582
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 14.0 12.6 19.0
68 5.5 5.7 8.5#

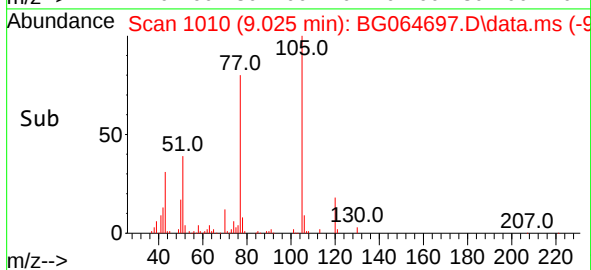
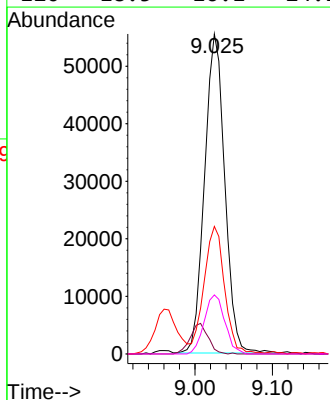
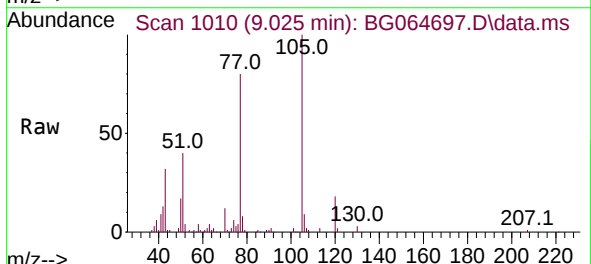
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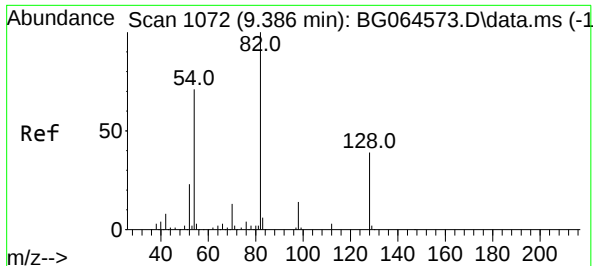
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#22
Acetophenone
Concen: 46.088 ng
RT: 9.025 min Scan# 1010
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

Tgt Ion:105 Resp: 100262
Ion Ratio Lower Upper
105 100
71 1.5 1.5 2.3#
51 39.8 33.7 50.5
120 18.5 16.1 24.1





#23

Nitrobenzene-d5

Concen: 49.181 ng

RT: 9.366 min Scan# 1072

Delta R.T. -0.020 min

Lab File: BG064697.D

Acq: 5 Nov 2025 22:51

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

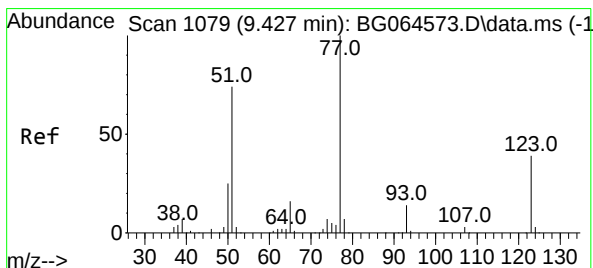
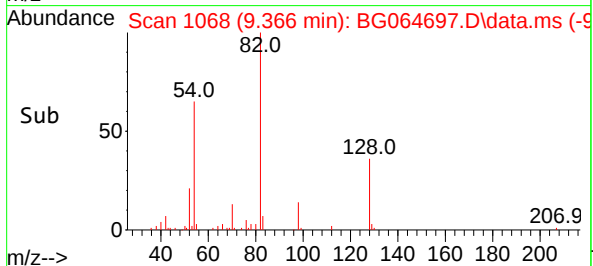
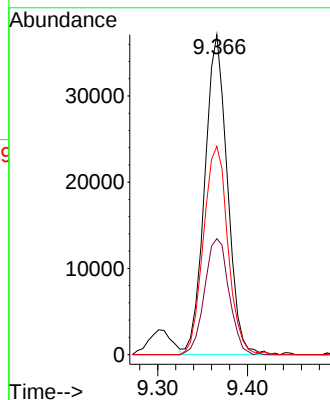
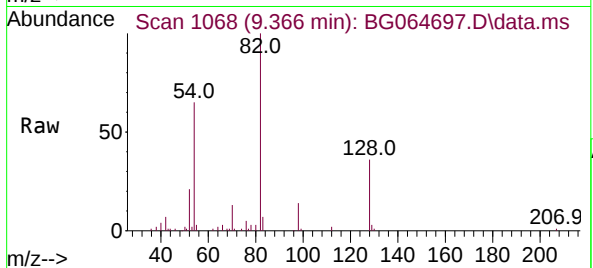
Tgt Ion: 82 Resp: 65164
 Ion Ratio Lower Upper
 82 100
 128 36.2 31.3 46.9
 54 65.1 56.6 84.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#24

Nitrobenzene

Concen: 53.500 ng

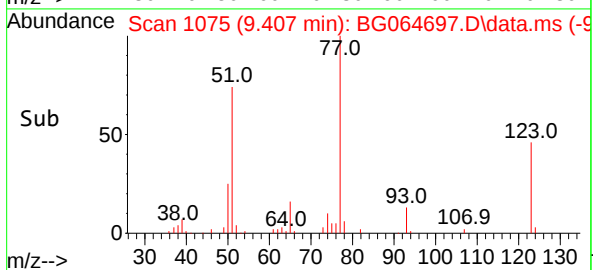
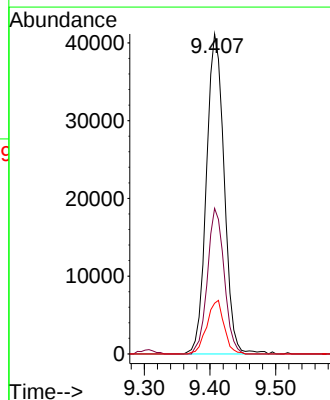
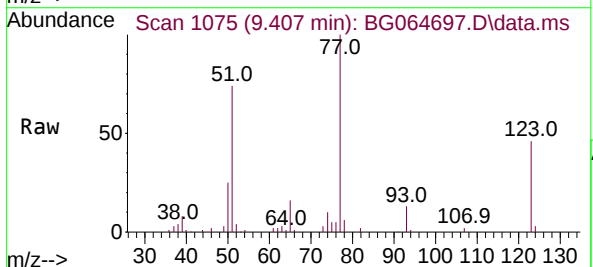
RT: 9.407 min Scan# 1075

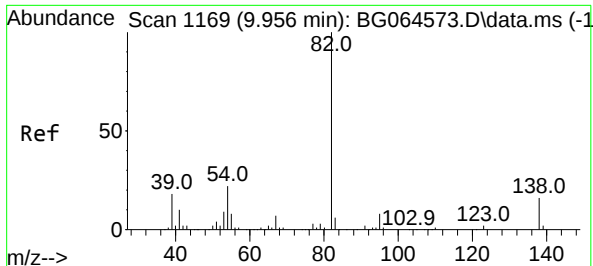
Delta R.T. -0.020 min

Lab File: BG064697.D

Acq: 5 Nov 2025 22:51

Tgt Ion: 77 Resp: 77100
 Ion Ratio Lower Upper
 77 100
 123 45.5 31.0 46.6
 65 15.8 12.7 19.1





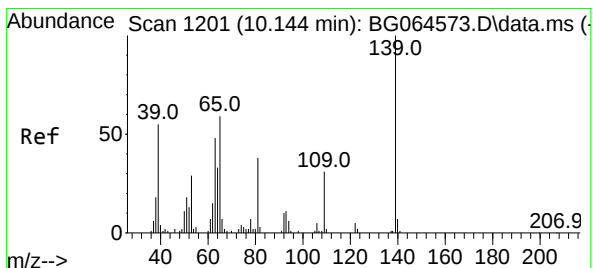
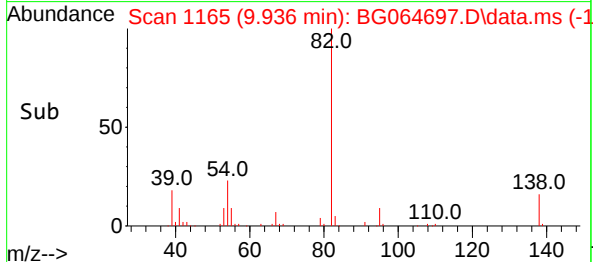
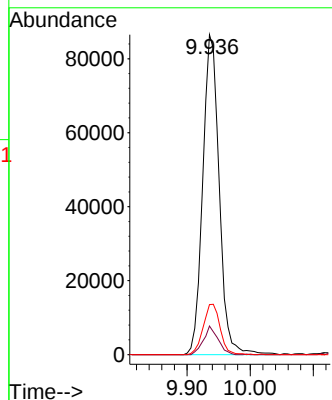
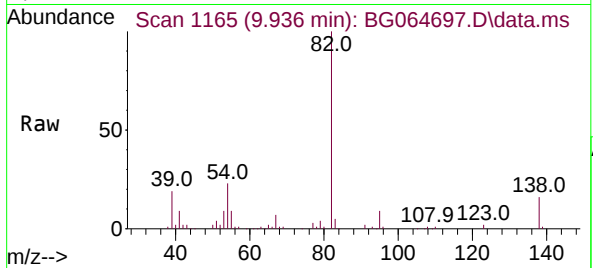
#25
Isophorone
Concen: 49.238 ng
RT: 9.936 min Scan# 1165
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tgt Ion: 82 Resp: 156544
Ion Ratio Lower Upper
82 100
95 8.9 6.1 9.1
138 15.6 13.0 19.4

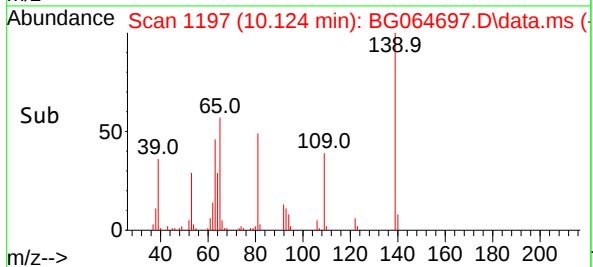
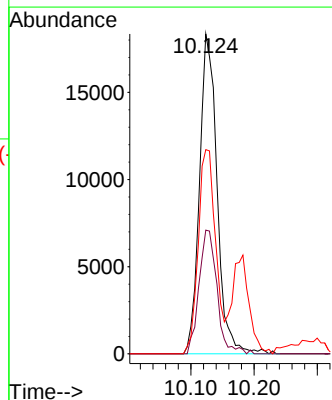
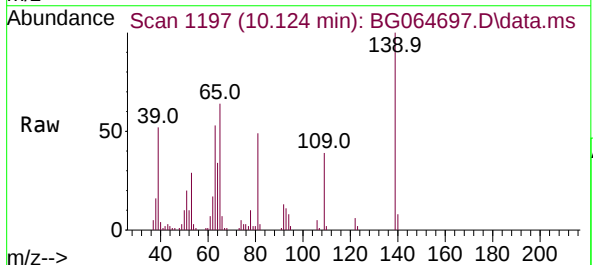
Manual Integrations
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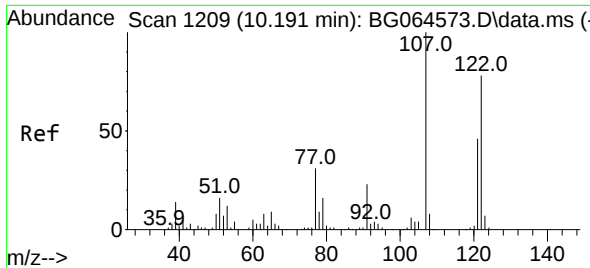
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#26
2-Nitrophenol
Concen: 62.802 ng
RT: 10.124 min Scan# 1197
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

Tgt Ion:139 Resp: 35495
Ion Ratio Lower Upper
139 100
109 38.7 24.6 37.0#
65 63.8 47.5 71.3





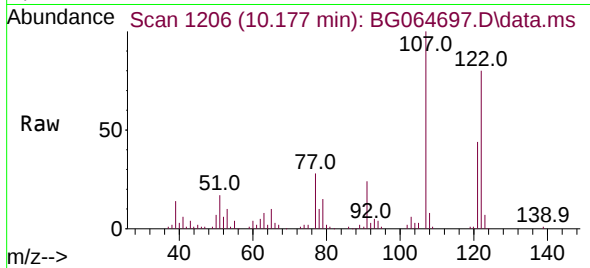
#27
2,4-Dimethylphenol
Concen: 60.952 ng
RT: 10.177 min Scan# 1206
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

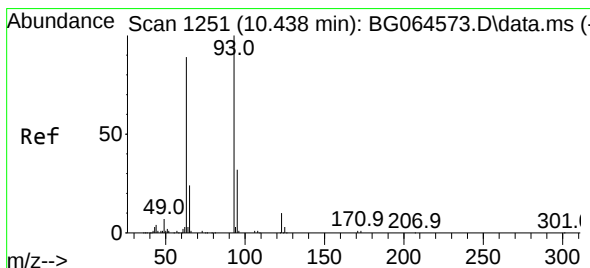
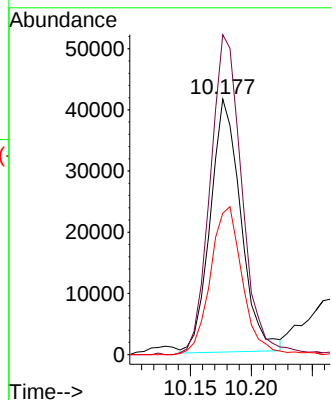
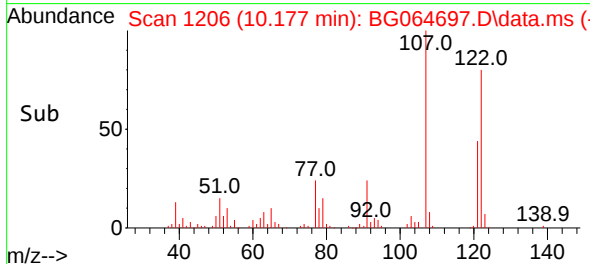


Tgt Ion:122 Resp: 72084
Ion Ratio Lower Upper
122 100
107 125.2 103.0 154.4
121 55.3 47.8 71.8

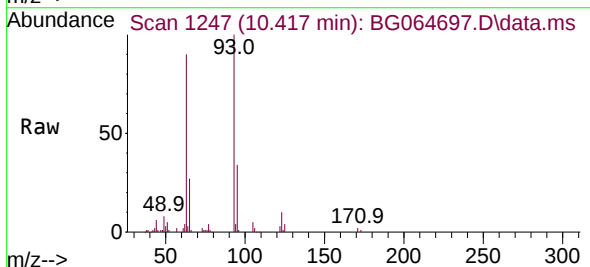
Manual Integrations

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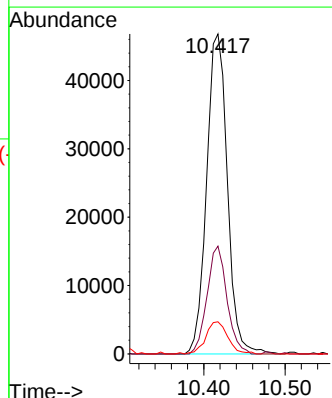
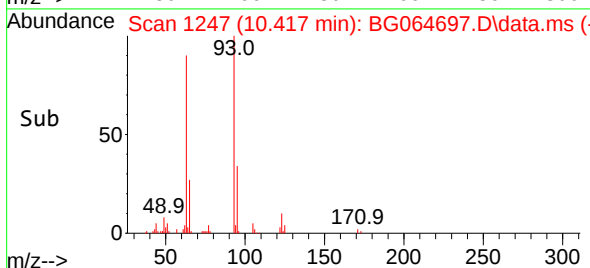
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

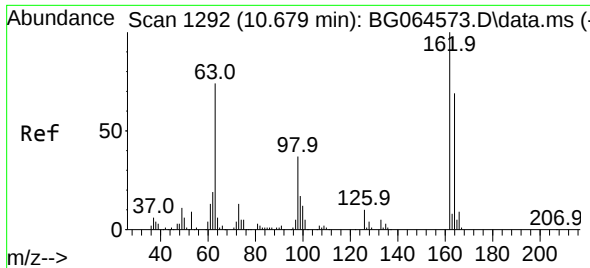


#28
bis(2-Chloroethoxy)methane
Concen: 45.886 ng
RT: 10.417 min Scan# 1247
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51



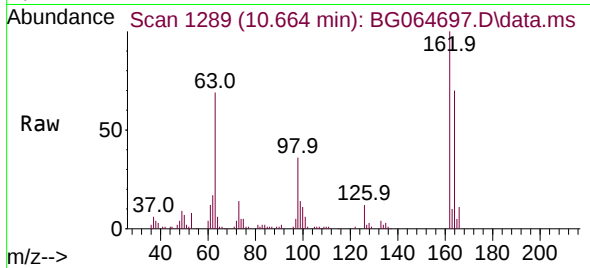
Tgt Ion: 93 Resp: 83064
Ion Ratio Lower Upper
93 100
95 33.7 25.4 38.2
123 10.0 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 64.086 ng
RT: 10.664 min Scan# 1289
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

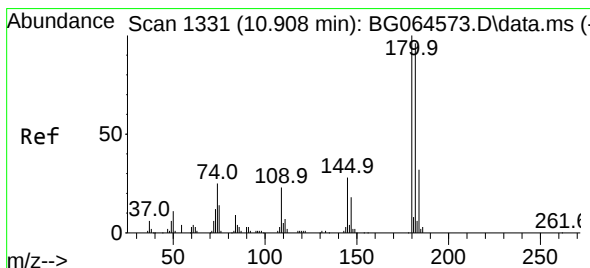
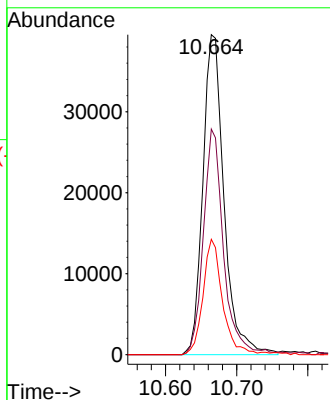
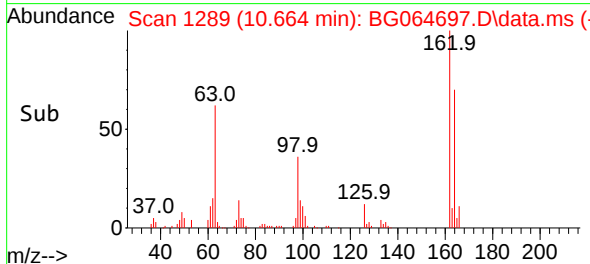
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion:162 Resp: 81565
Ion Ratio Lower Upper
162 100
164 70.5 48.7 88.7
98 36.0 16.9 56.9

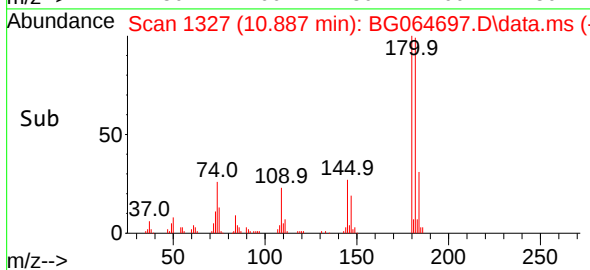
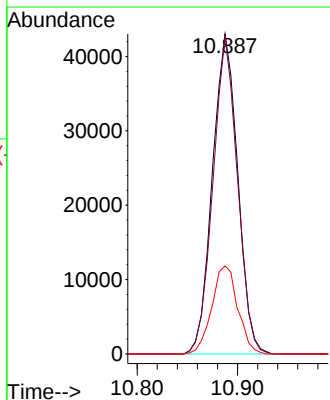
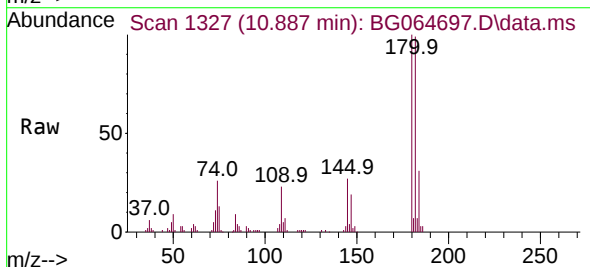
Manual Integrations
APPROVED

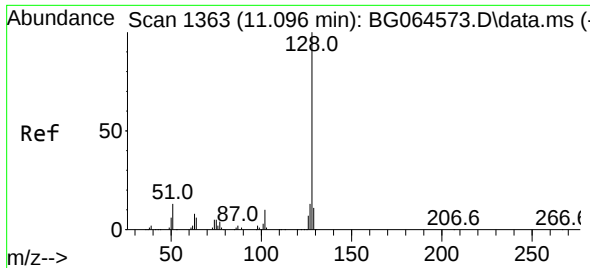
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#30
1,2,4-Trichlorobenzene
Concen: 52.040 ng
RT: 10.887 min Scan# 1327
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

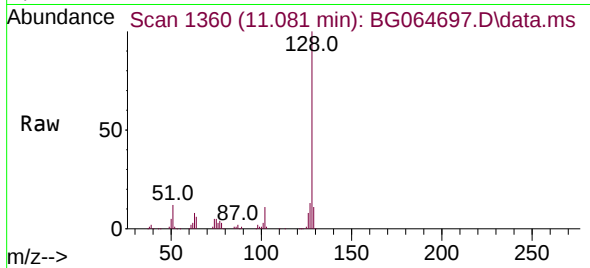
Tgt Ion:180 Resp: 75255
Ion Ratio Lower Upper
180 100
182 99.2 76.9 115.3
145 27.5 22.1 33.1





#31
Naphthalene
Concen: 47.717 ng
RT: 11.081 min Scan# 1363
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

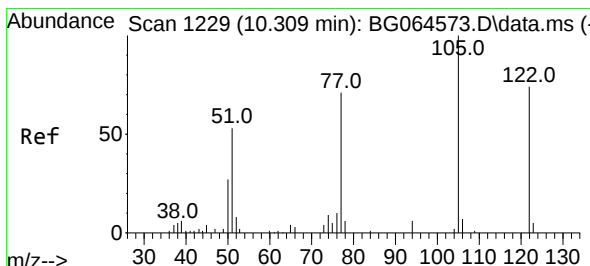
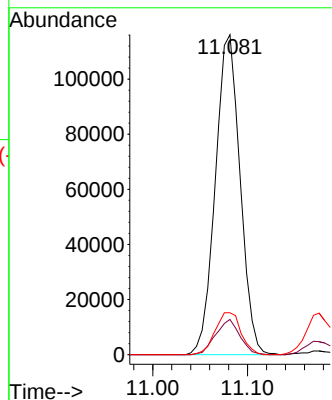
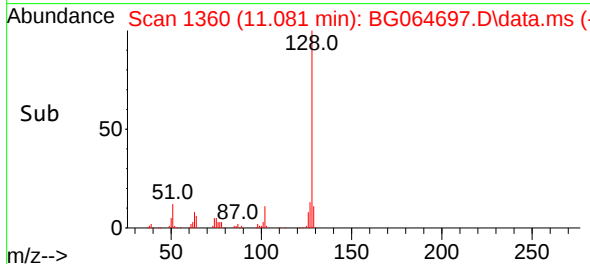
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion:128 Resp: 210542
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.6 15.8

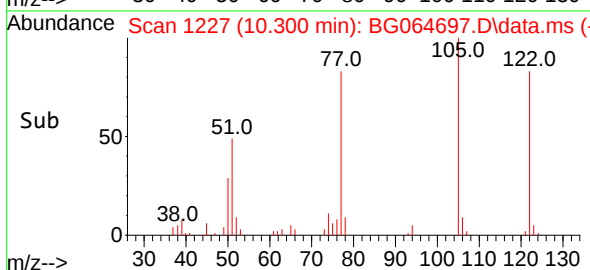
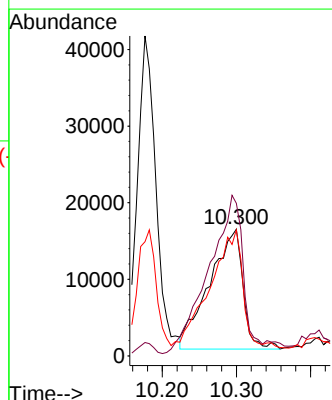
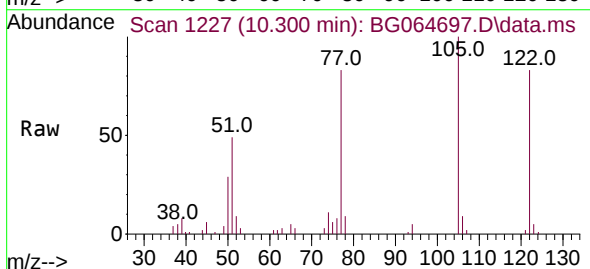
Manual Integrations
APPROVED

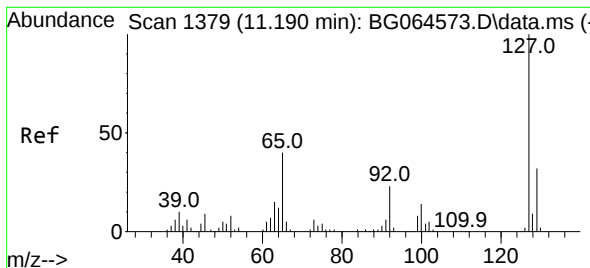
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#32
Benzoic acid
Concen: 53.795 ng m
RT: 10.300 min Scan# 1227
Delta R.T. -0.009 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

Tgt Ion:122 Resp: 49432
Ion Ratio Lower Upper
122 100
105 120.5 104.2 144.2
77 99.4 70.2 110.2





#33
4-Chloroaniline
Concen: 18.330 ng
RT: 11.175 min Scan# 1379
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

Instrument :

BNA_G

ClientSampleId :

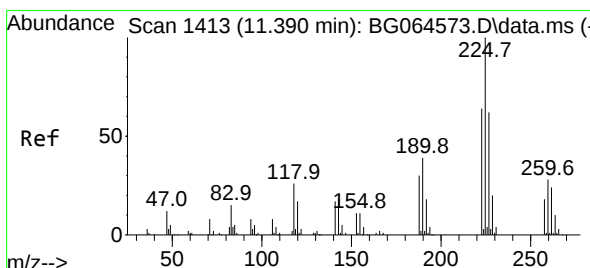
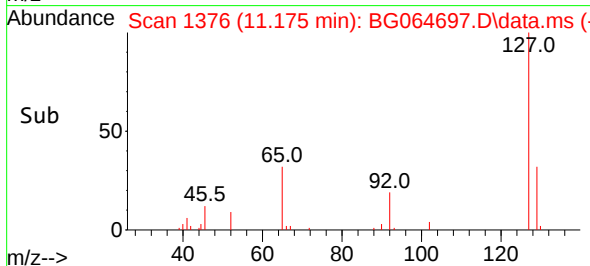
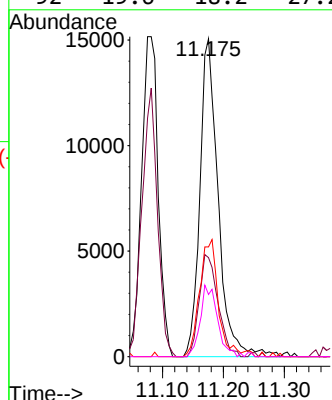
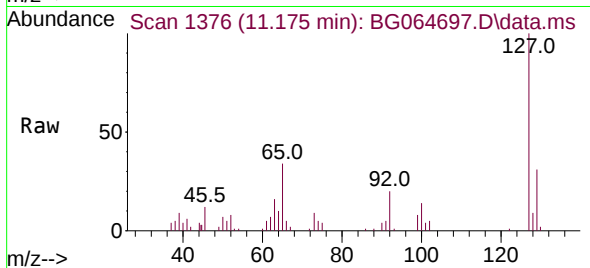
TP-2MSD

Tgt Ion:127 Resp: 31435
Ion Ratio Lower Upper
127 100
129 31.2 25.5 38.3
65 34.5 32.2 48.4
92 19.6 18.2 27.2

Manual Integrations

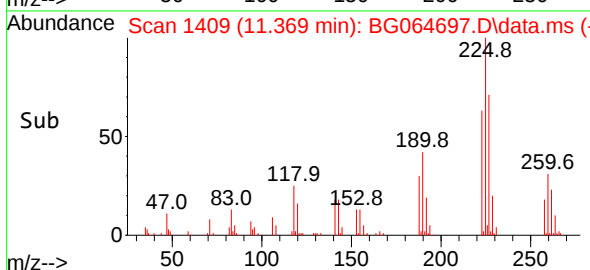
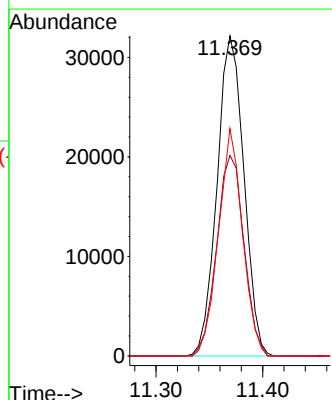
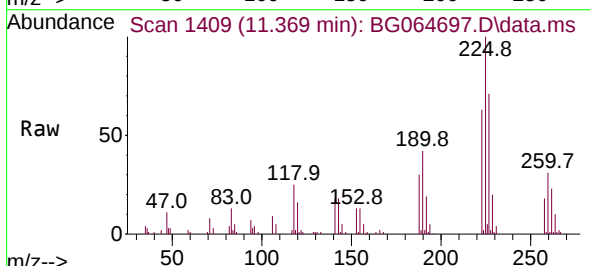
APPROVED

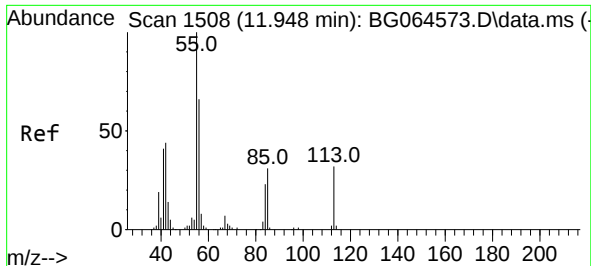
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#34
Hexachlorobutadiene
Concen: 49.811 ng
RT: 11.369 min Scan# 1409
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

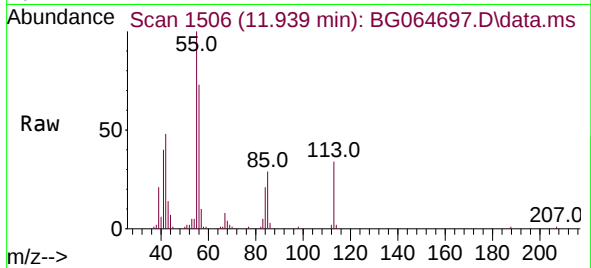
Tgt Ion:225 Resp: 56332
Ion Ratio Lower Upper
225 100
223 65.1 48.8 73.2
227 73.4 49.5 74.3





#35
Caprolactam
Concen: 66.336 ng m
RT: 11.939 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

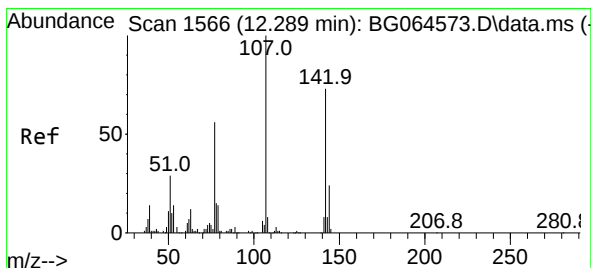
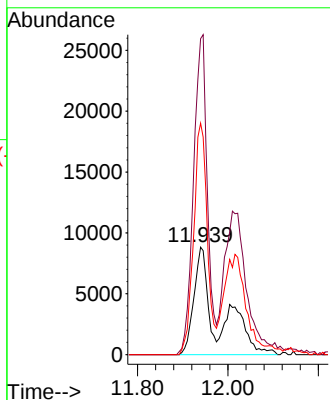
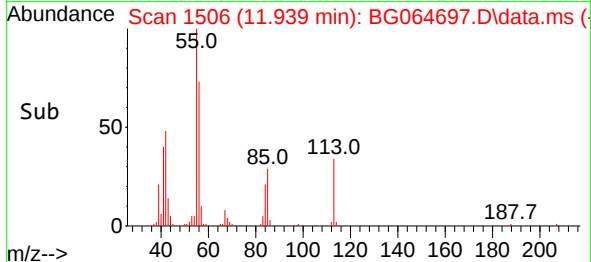
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion:113 Resp: 32382
Ion Ratio Lower Upper
113 100
55 293.9 290.1 330.1
56 215.3 183.8 223.8

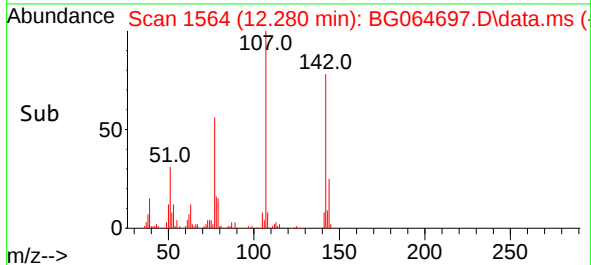
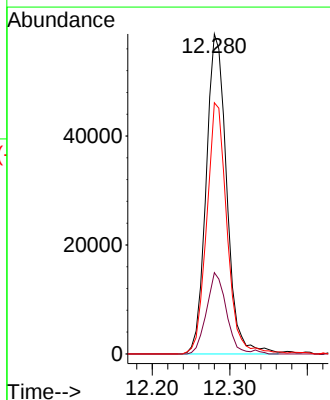
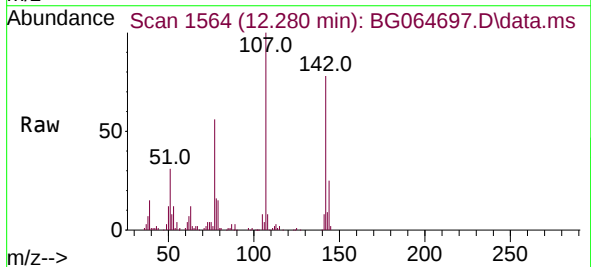
Manual Integrations
APPROVED

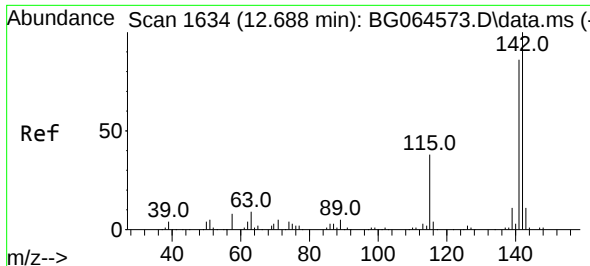
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#36
4-Chloro-3-methylphenol
Concen: 70.664 ng
RT: 12.280 min Scan# 1564
Delta R.T. -0.009 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

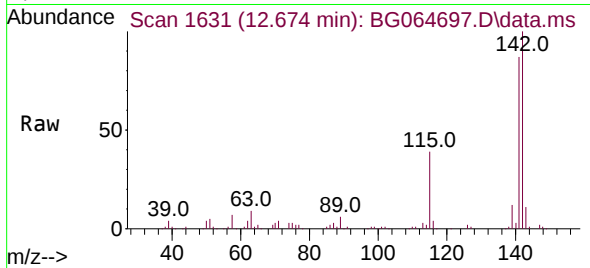
Tgt Ion:107 Resp: 108106
Ion Ratio Lower Upper
107 100
144 25.4 19.1 28.7
142 78.5 58.6 87.8





#37
2-Methylnaphthalene
Concen: 49.724 ng
RT: 12.674 min Scan# 1631
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

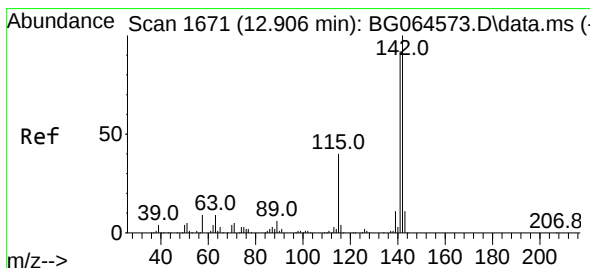
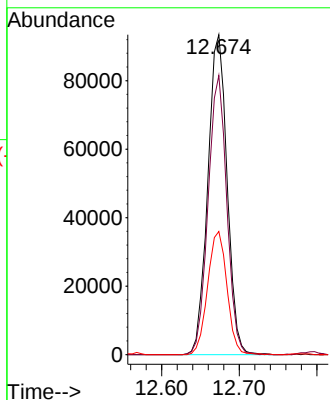
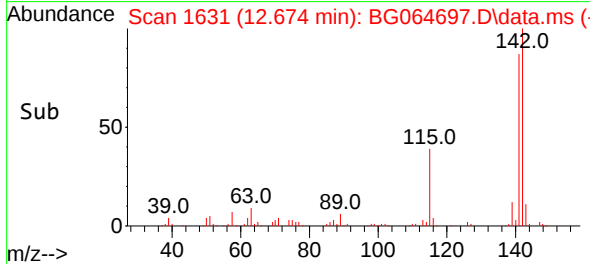
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



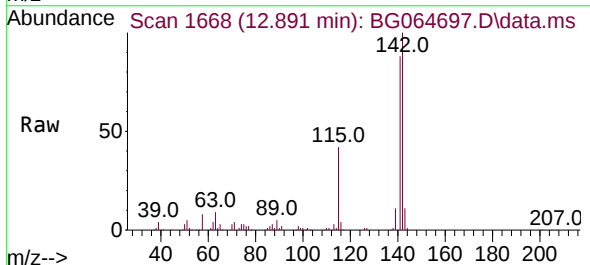
Tgt Ion:142 Resp: 161078
Ion Ratio Lower Upper
142 100
141 87.2 68.9 103.3
115 38.5 30.6 46.0

Manual Integrations
APPROVED

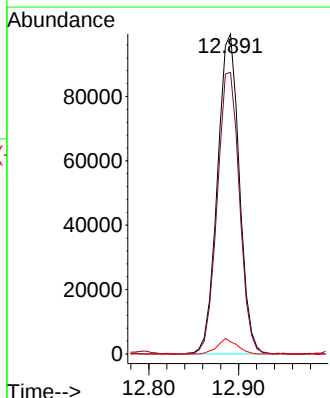
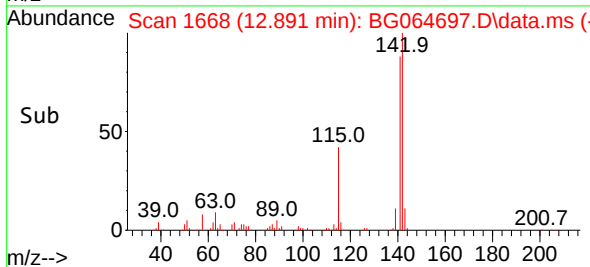
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

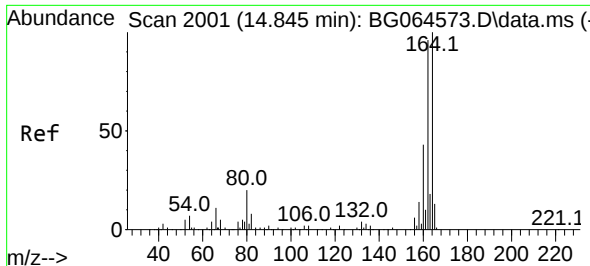


#38
1-Methylnaphthalene
Concen: 52.616 ng
RT: 12.891 min Scan# 1668
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51



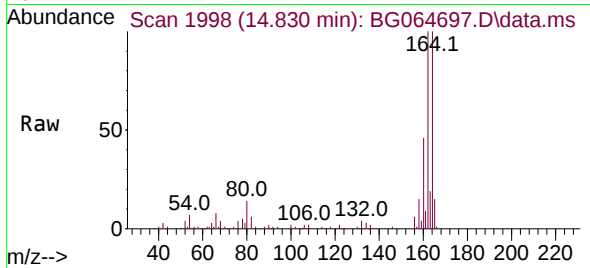
Tgt Ion:142 Resp: 168736
Ion Ratio Lower Upper
142 100
141 88.0 73.3 109.9
116 3.8 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.830 min Scan# 1998
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

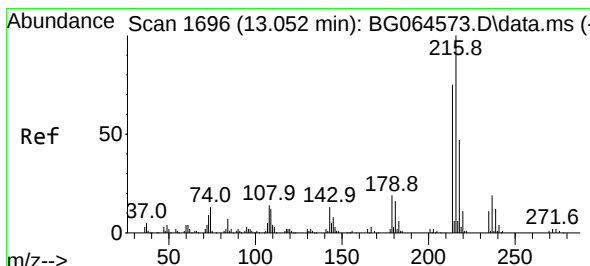
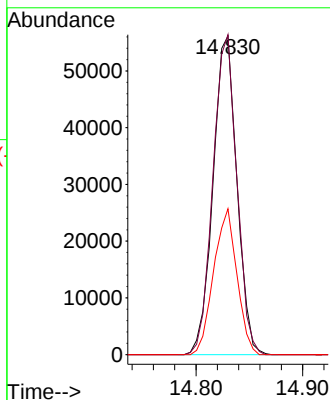
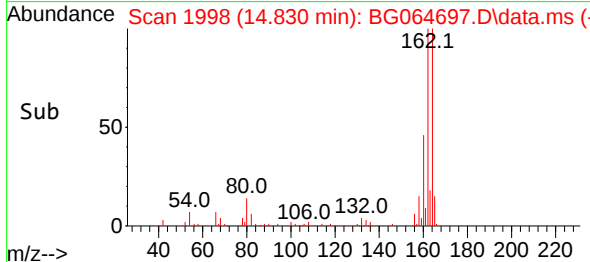
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



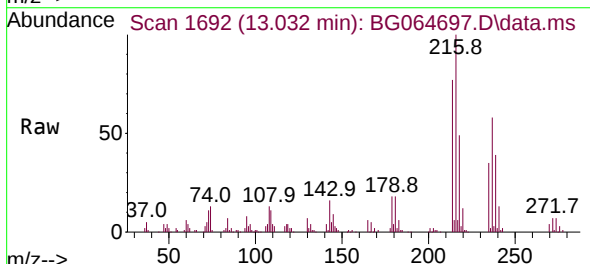
Tgt Ion:164 Resp: 87372
Ion Ratio Lower Upper
164 100
162 100.5 77.0 115.6
160 45.8 34.4 51.6

Manual Integrations
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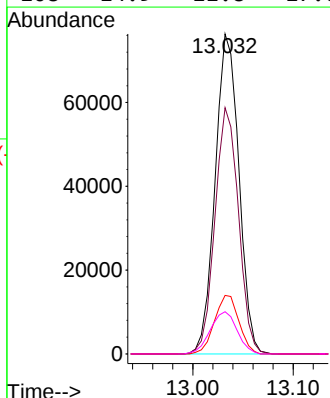
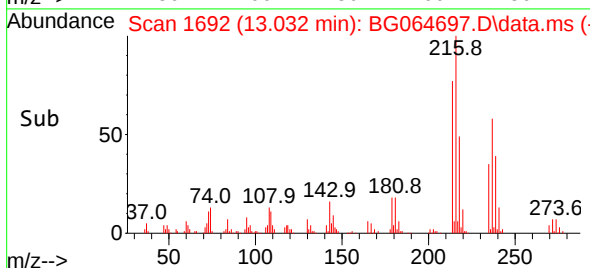
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

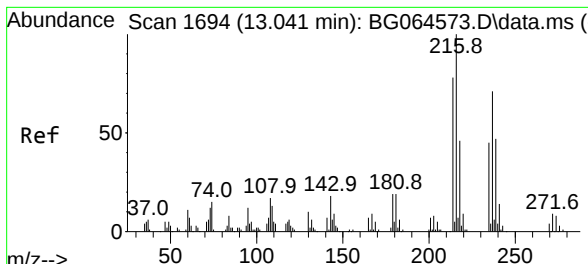


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.853 ng
RT: 13.032 min Scan# 1692
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51



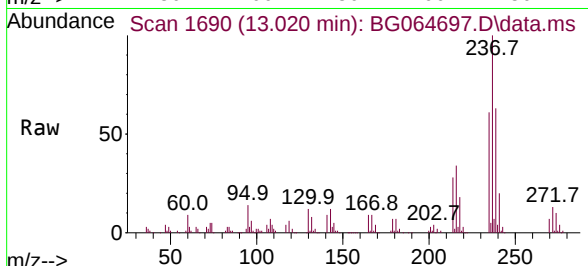
Tgt Ion:216 Resp: 125664
Ion Ratio Lower Upper
216 100
214 76.3 61.4 92.2
179 18.8 15.4 23.0
108 14.9 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 111.261 ng
RT: 13.020 min Scan# 10
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

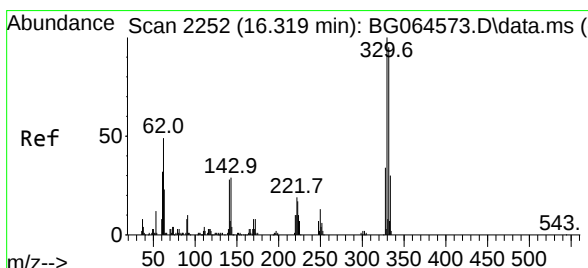
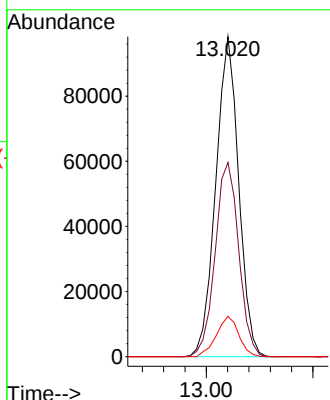
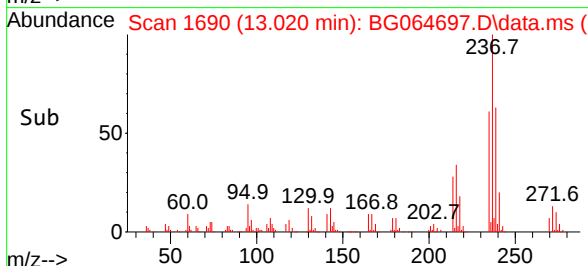
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion:237 Resp: 146854
Ion Ratio Lower Upper
237 100
235 60.7 44.1 84.1
272 12.6 0.0 32.4

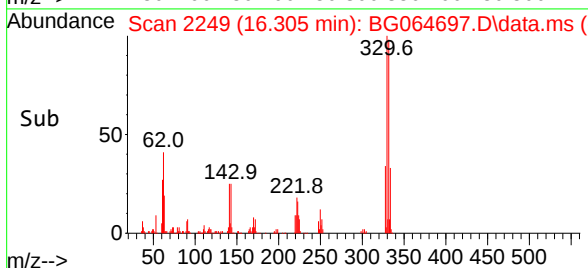
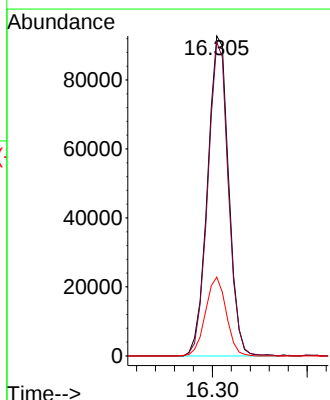
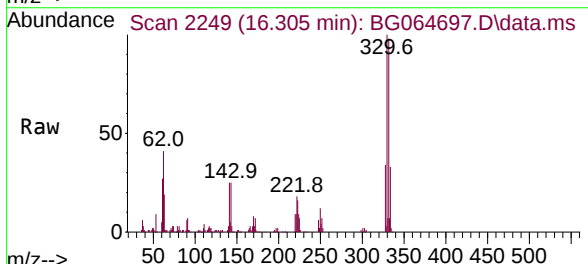
Manual Integrations
APPROVED

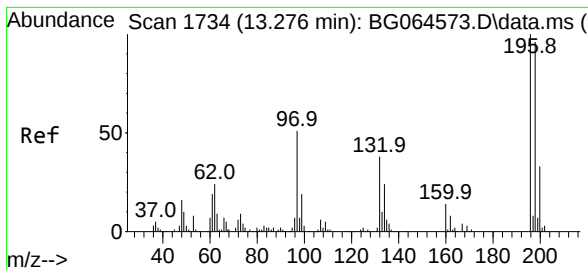
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#42
2,4,6-Tribromophenol
Concen: 113.478 ng
RT: 16.305 min Scan# 2249
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

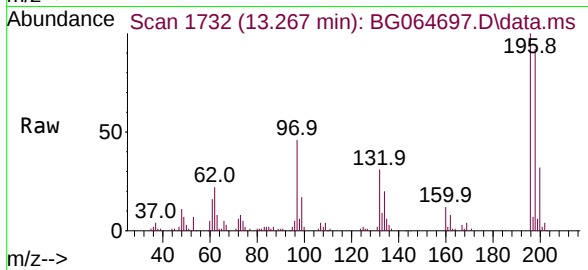
Tgt Ion:330 Resp: 143108
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 24.2 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 56.967 ng
RT: 13.267 min Scan# 1732
Delta R.T. -0.009 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

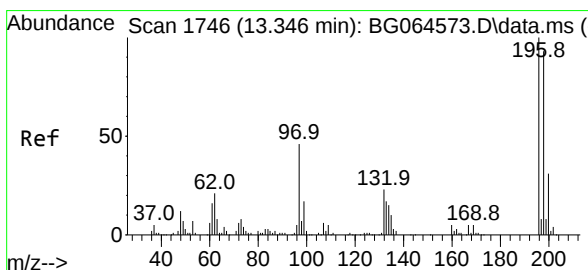
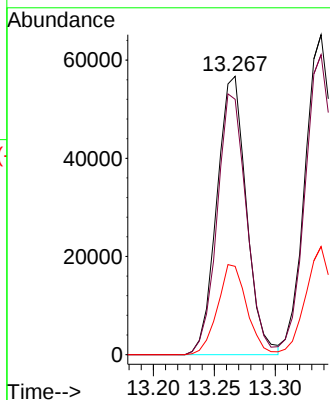
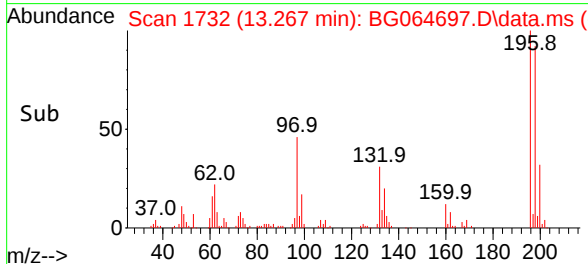
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



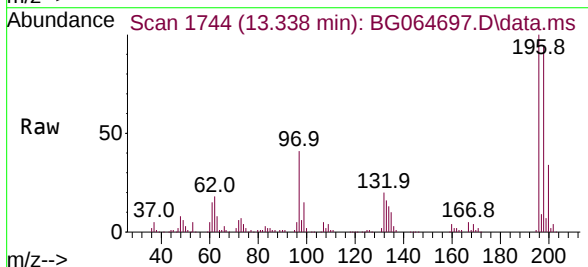
Tgt Ion:196 Resp: 95556
Ion Ratio Lower Upper
196 100
198 91.7 76.6 115.0
200 31.7 26.0 39.0

Manual Integrations
APPROVED

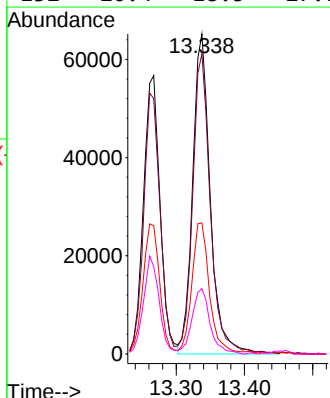
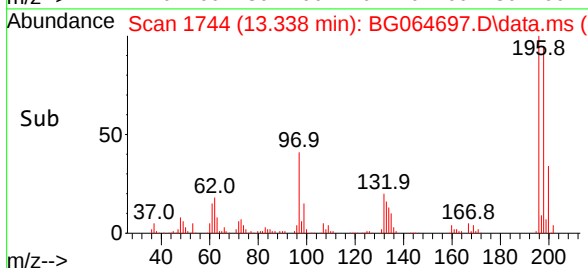
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

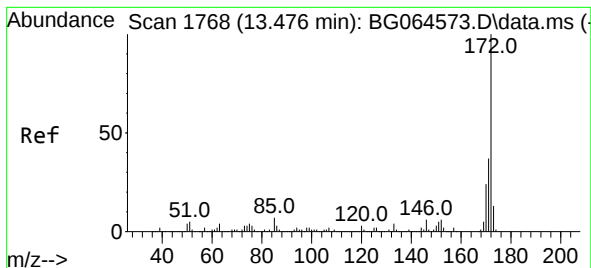


#44
2,4,5-Trichlorophenol
Concen: 60.435 ng
RT: 13.338 min Scan# 1744
Delta R.T. -0.009 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51



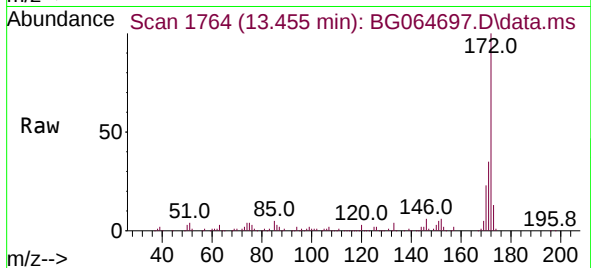
Tgt Ion:196 Resp: 116984
Ion Ratio Lower Upper
196 100
198 93.7 74.2 111.4
97 40.9 37.0 55.6
132 20.4 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 32.316 ng
RT: 13.455 min Scan# 1764
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

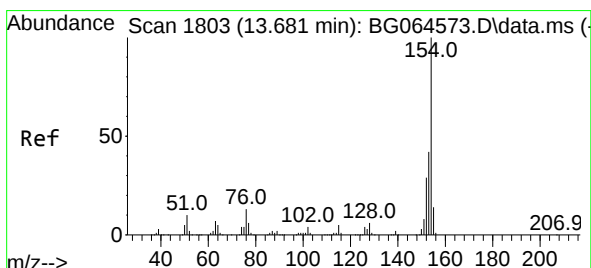
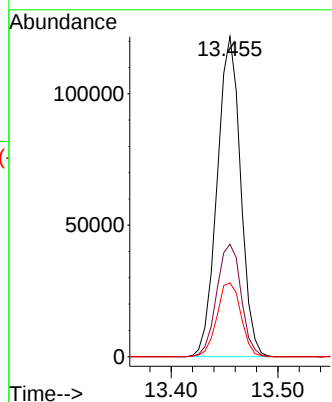
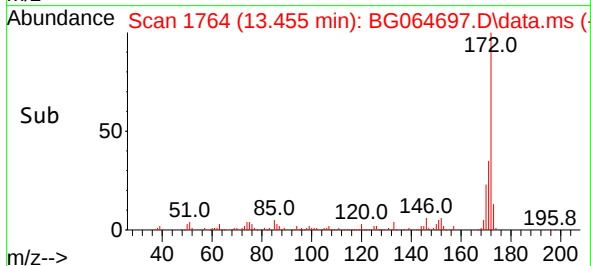
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



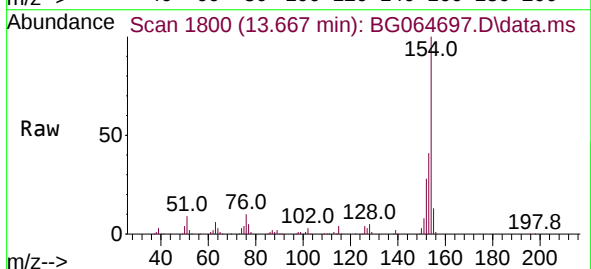
Tgt Ion:172 Resp: 186288
Ion Ratio Lower Upper
172 100
171 35.1 29.4 44.0
170 23.0 19.1 28.7

Manual Integrations
APPROVED

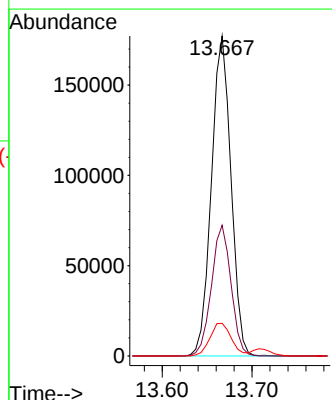
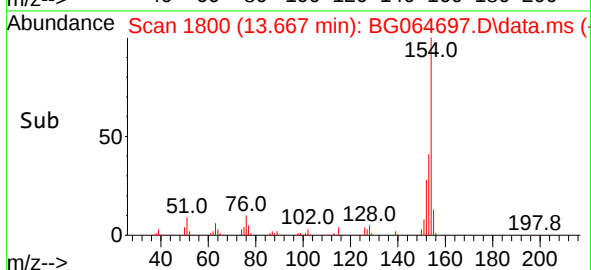
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

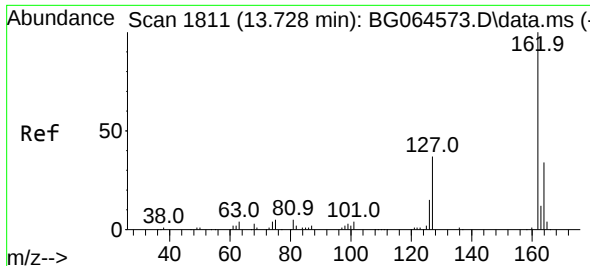


#46
1,1'-Biphenyl
Concen: 43.340 ng
RT: 13.667 min Scan# 1800
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51



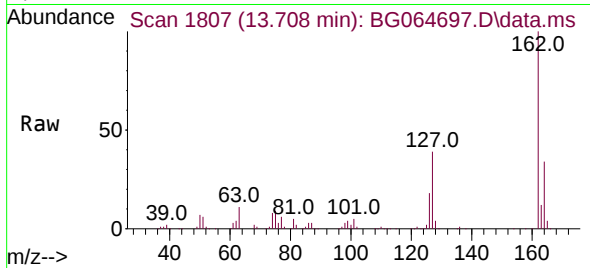
Tgt Ion:154 Resp: 269225
Ion Ratio Lower Upper
154 100
153 40.8 22.4 62.4
76 10.2 0.0 33.5





#47
2-Chloronaphthalene
Concen: 44.136 ng
RT: 13.708 min Scan# 1807
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

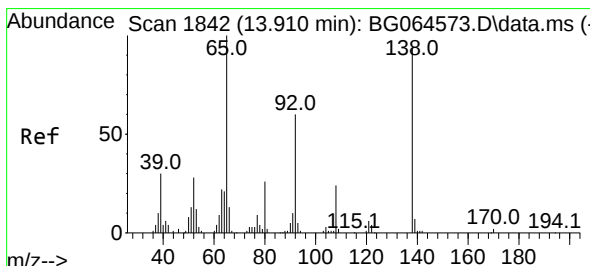
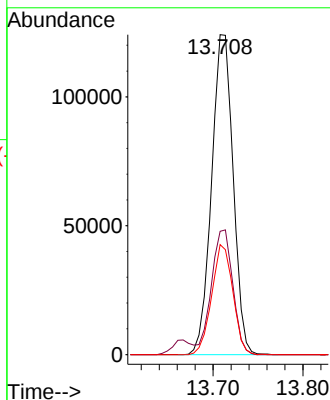
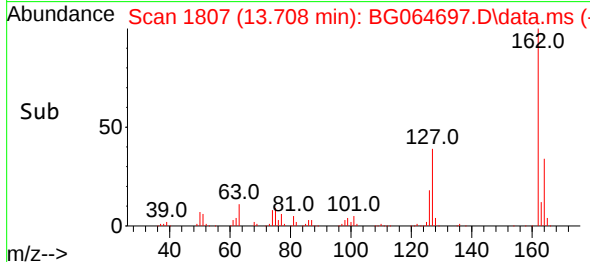
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion:162 Resp: 20695
Ion Ratio Lower Upper
162 100
127 38.5 32.2 48.2
164 34.4 27.5 41.3

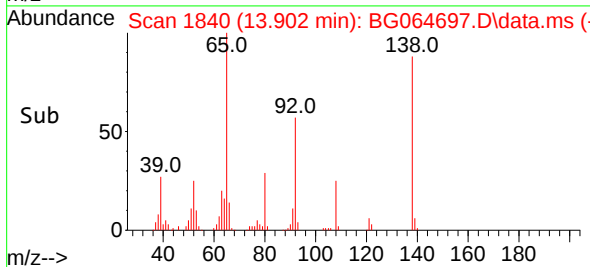
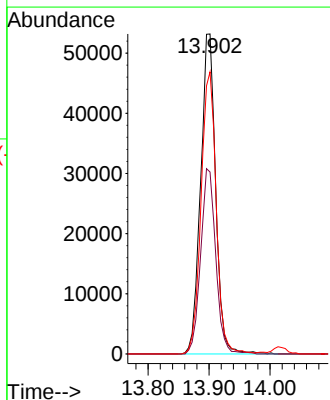
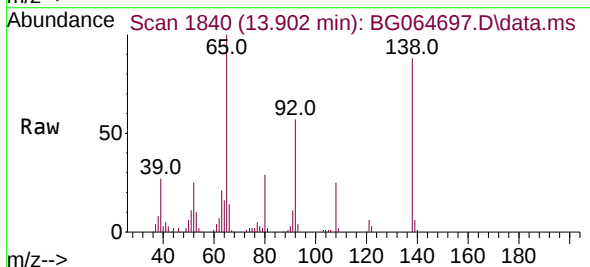
Manual Integrations
APPROVED

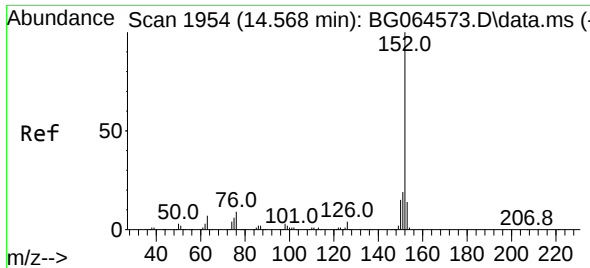
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#48
2-Nitroaniline
Concen: 57.165 ng
RT: 13.902 min Scan# 1840
Delta R.T. -0.008 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

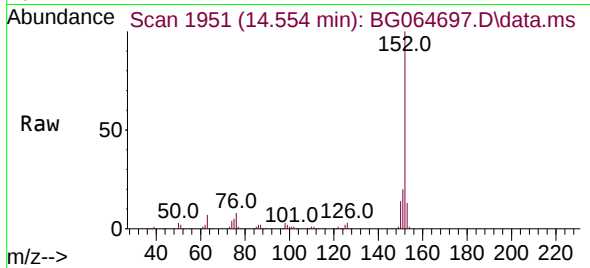
Tgt Ion: 65 Resp: 91023
Ion Ratio Lower Upper
65 100
92 56.8 48.3 72.5
138 88.1 74.9 112.3





#49
Acenaphthylene
Concen: 53.822 ng
RT: 14.554 min Scan# 1954
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

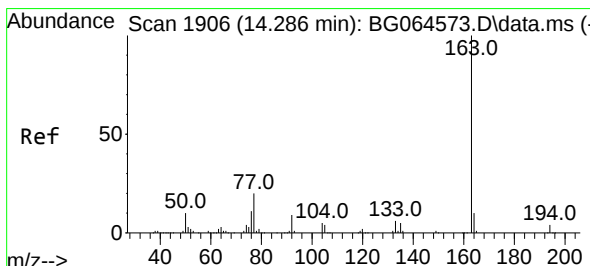
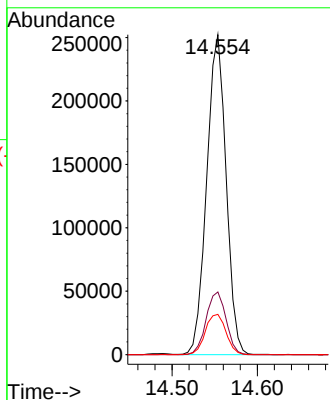
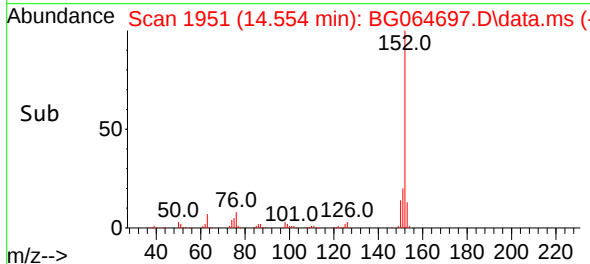
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



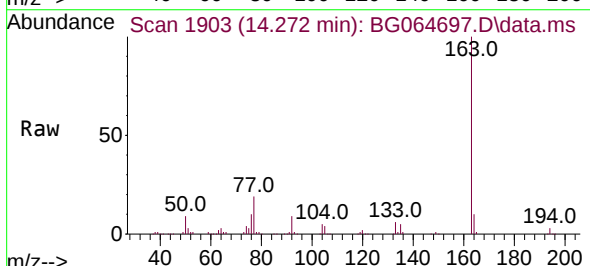
Tgt Ion:152 Resp: 398066
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.2
153 12.6 11.0 16.4

Manual Integrations
APPROVED

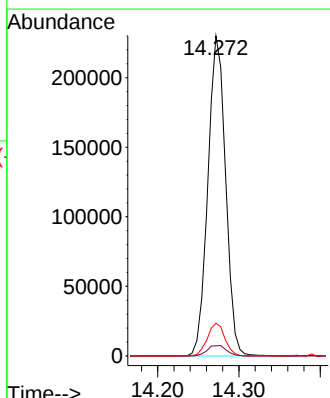
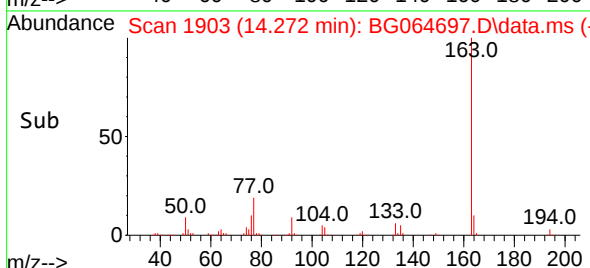
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

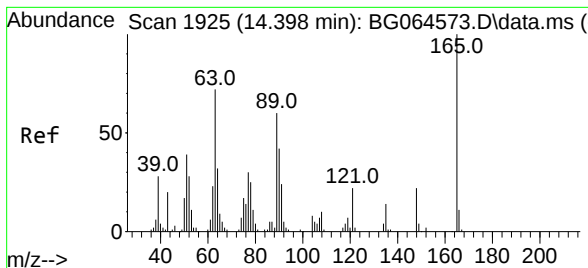


#50
Dimethylphthalate
Concen: 52.172 ng
RT: 14.272 min Scan# 1903
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51



Tgt Ion:163 Resp: 348825
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.2 7.7 11.5





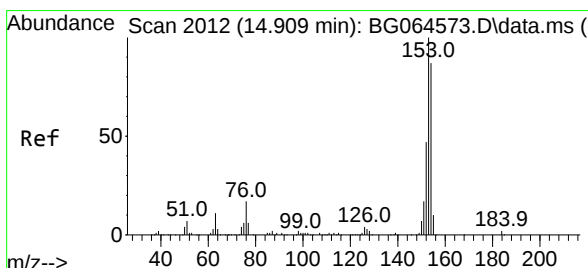
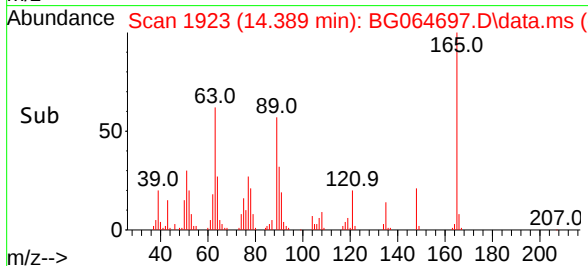
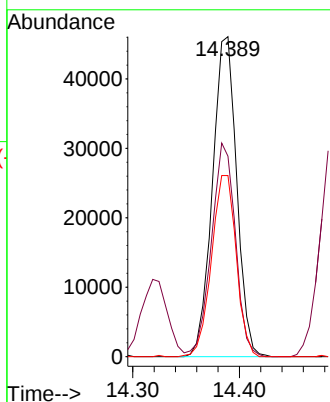
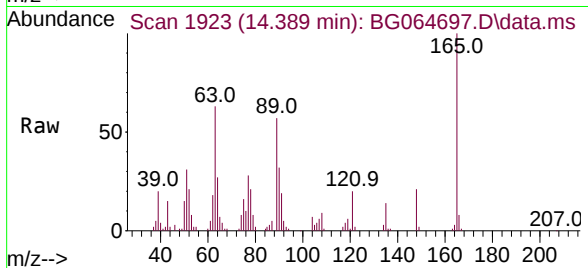
#51
2,6-Dinitrotoluene
Concen: 64.851 ng
RT: 14.389 min Scan# 1925
Delta R.T. -0.009 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tgt Ion:165 Resp: 72869
Ion Ratio Lower Upper
165 100
63 62.6 57.4 86.0
89 56.6 47.8 71.8

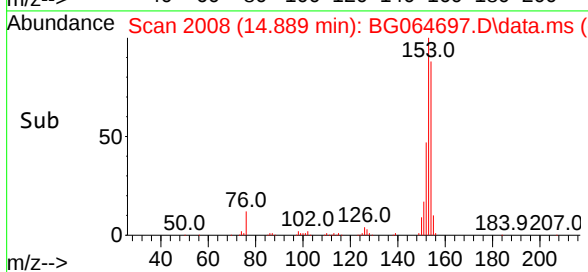
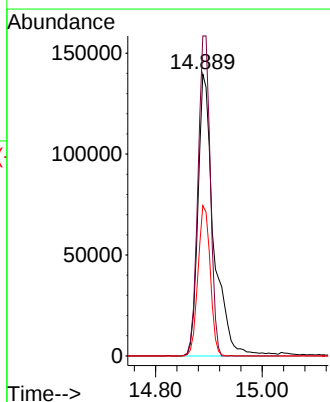
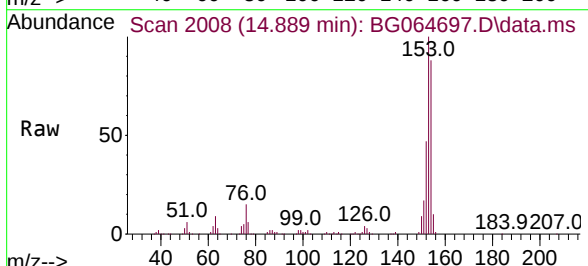
Manual Integrations
APPROVED

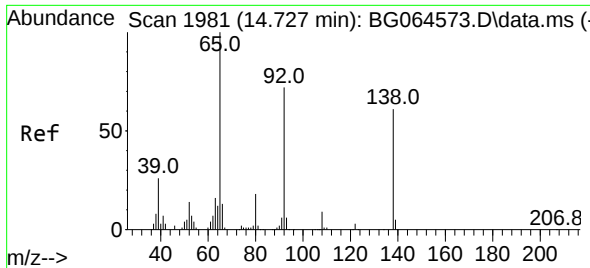
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#52
Acenaphthene
Concen: 56.971 ng
RT: 14.889 min Scan# 2008
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

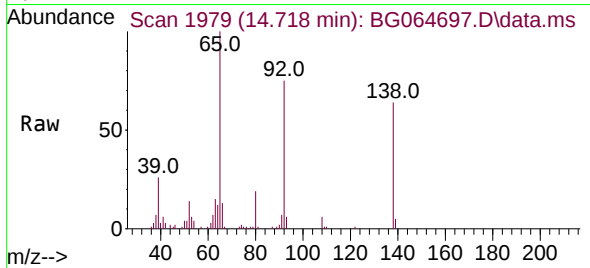
Tgt Ion:154 Resp: 287876
Ion Ratio Lower Upper
154 100
153 113.6 92.2 138.4
152 53.4 43.2 64.8





#53
3-Nitroaniline
Concen: 31.754 ng
RT: 14.718 min Scan# 1981
Delta R.T. -0.009 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

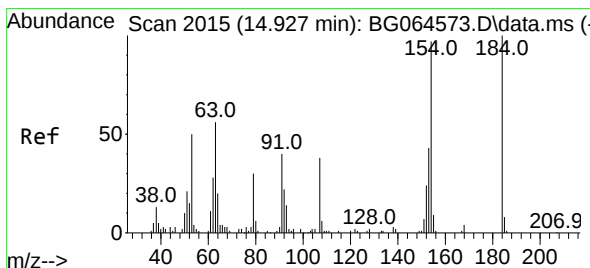
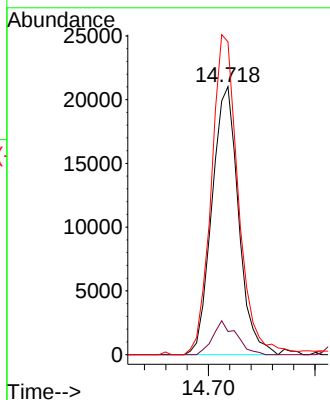
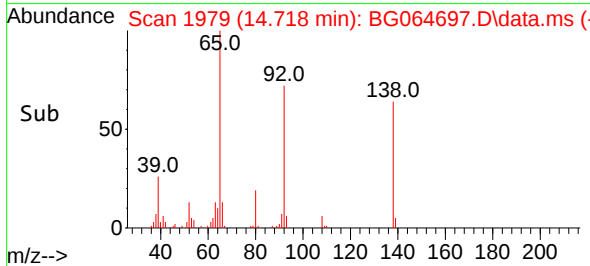
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



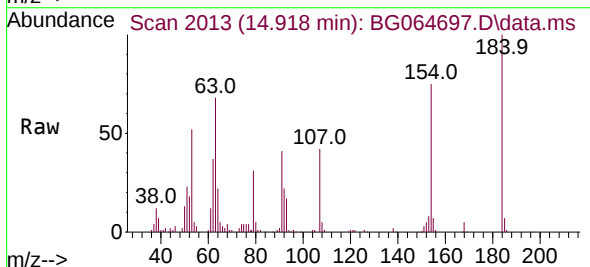
Tgt Ion:138 Resp: 36486
Ion Ratio Lower Upper
138 100
108 8.6 11.4 17.0
92 116.7 95.3 142.9

Manual Integrations
APPROVED

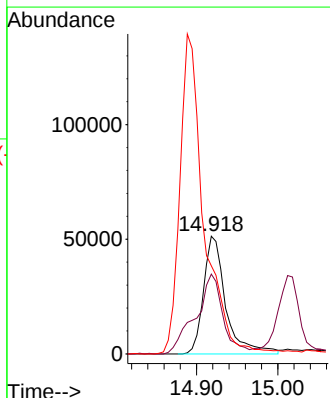
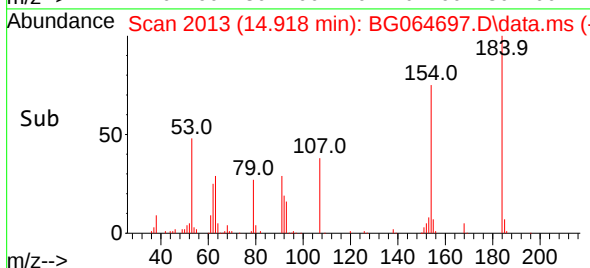
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

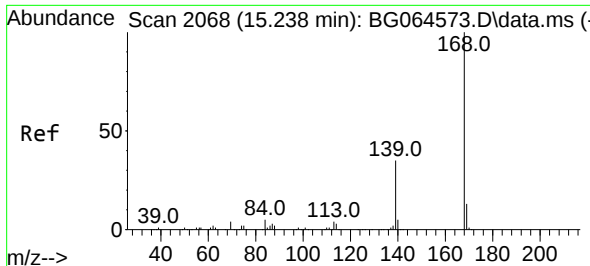


#54
2,4-Dinitrophenol
Concen: 139.703 ng
RT: 14.918 min Scan# 2013
Delta R.T. -0.009 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51



Tgt Ion:184 Resp: 97599
Ion Ratio Lower Upper
184 100
63 67.7 56.6 85.0
154 74.8 158.6 238.0





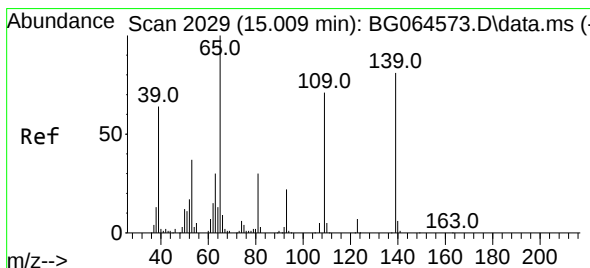
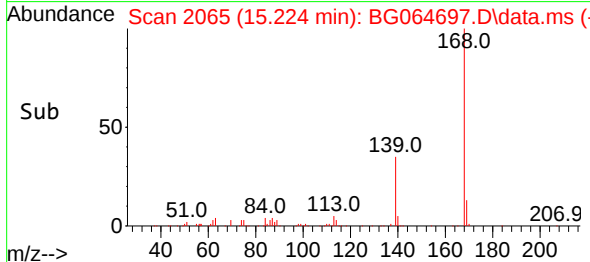
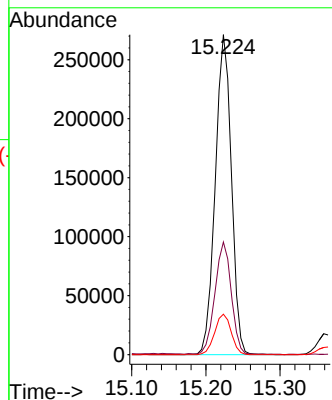
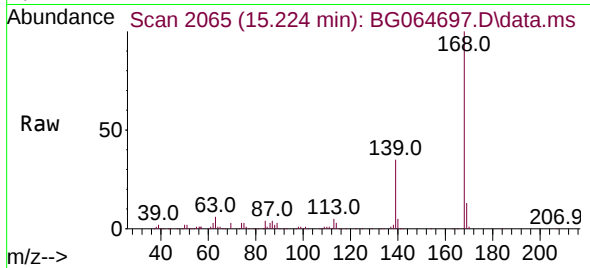
#55
Dibenzenofuran
Concen: 49.977 ng
RT: 15.224 min Scan# 2068
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tgt Ion:168 Resp: 408270
Ion Ratio Lower Upper
168 100
139 35.2 27.8 41.8
169 12.6 10.3 15.5

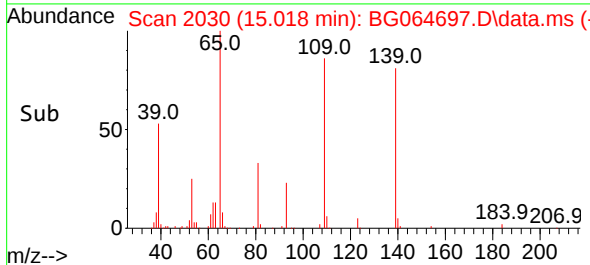
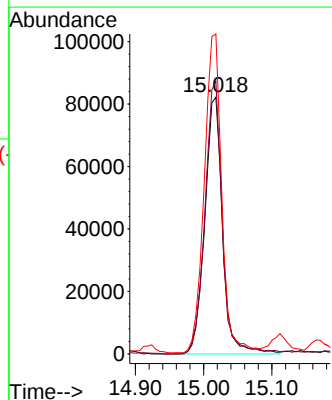
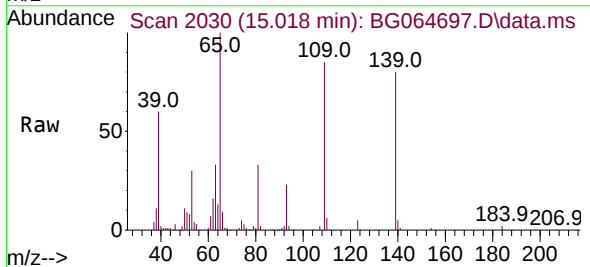
Manual Integrations
APPROVED

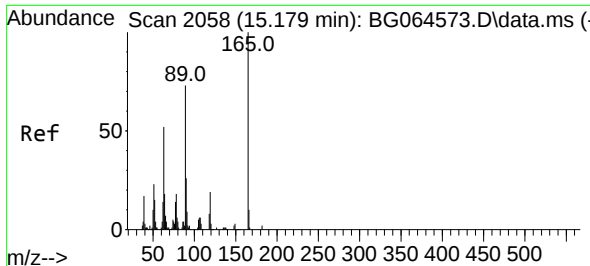
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#56
4-Nitrophenol
Concen: 139.882 ng
RT: 15.018 min Scan# 2030
Delta R.T. 0.009 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

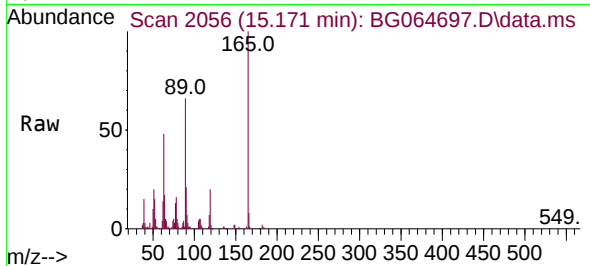
Tgt Ion:139 Resp: 149019
Ion Ratio Lower Upper
139 100
109 106.2 67.8 107.8
65 124.7 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 67.984 ng
RT: 15.171 min Scan# 2058
Delta R.T. -0.008 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

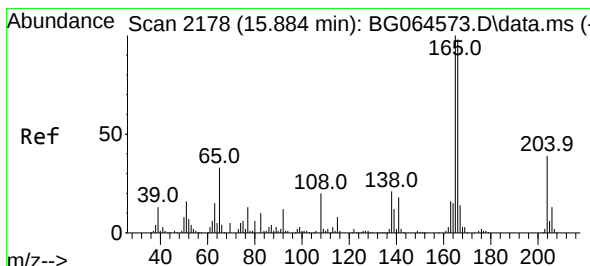
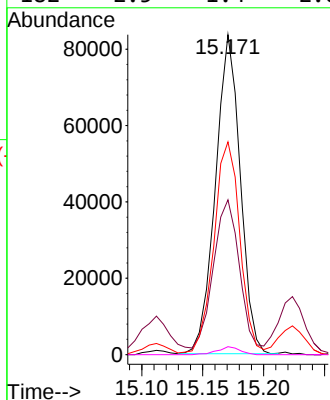
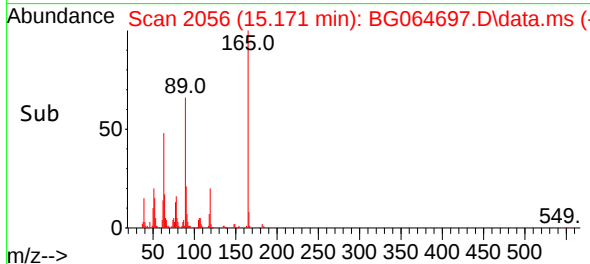
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



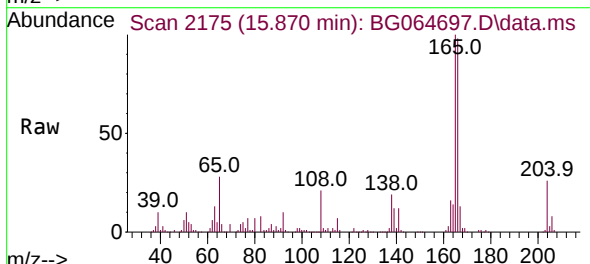
Tgt Ion:165 Resp: 118276
Ion Ratio Lower Upper
165 100
63 48.4 41.8 62.8
89 66.5 58.1 87.1
182 2.5 1.4 2.0#

Manual Integrations
APPROVED

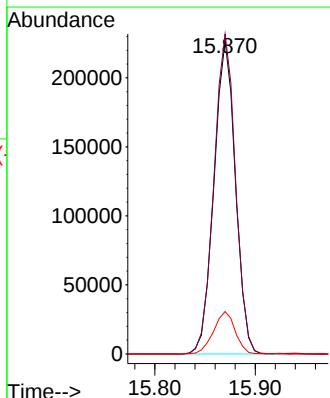
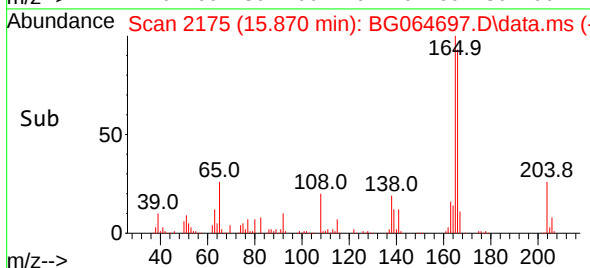
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

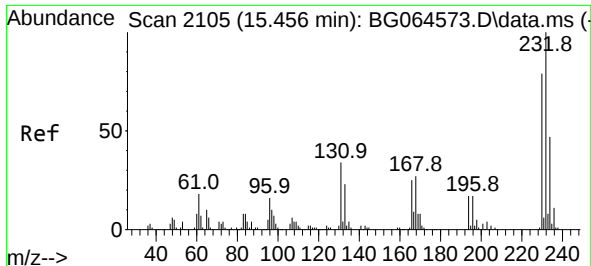


#58
Fluorene
Concen: 52.848 ng
RT: 15.870 min Scan# 2175
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51



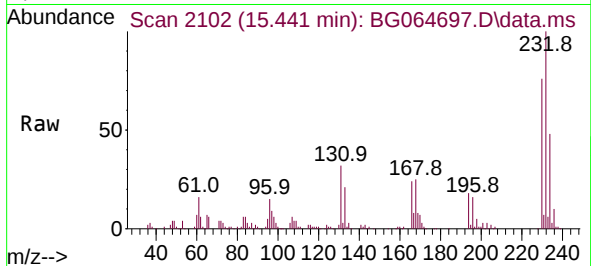
Tgt Ion:166 Resp: 337165
Ion Ratio Lower Upper
166 100
165 102.2 81.5 122.3
167 13.5 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 75.290 ng
RT: 15.441 min Scan# 2105
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

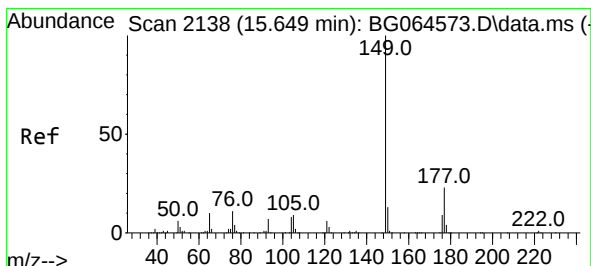
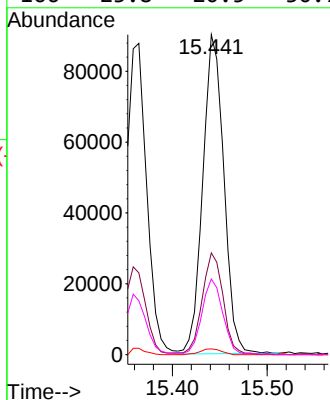
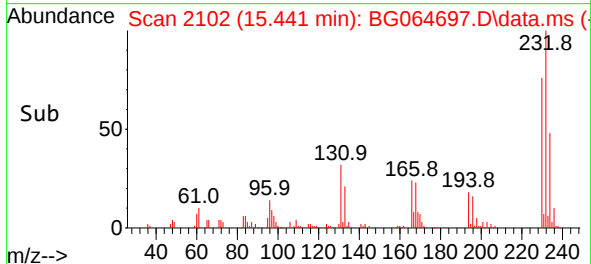
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion:232 Resp: 139362
Ion Ratio Lower Upper
232 100
131 31.7 26.7 40.1
130 1.8 1.6 2.4
166 23.8 20.5 30.7

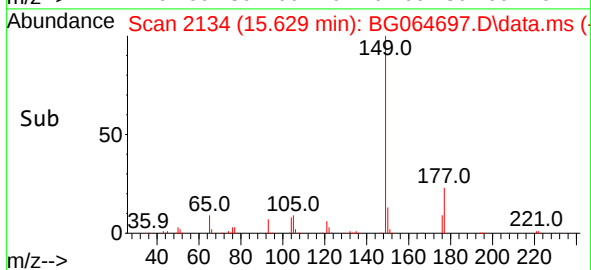
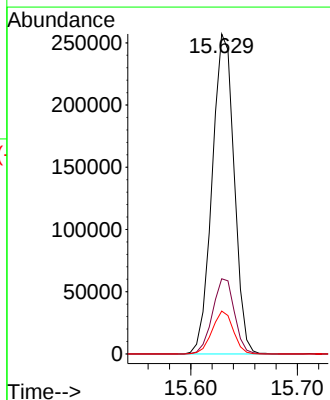
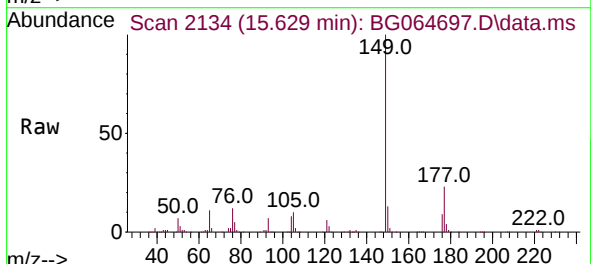
Manual Integrations
APPROVED

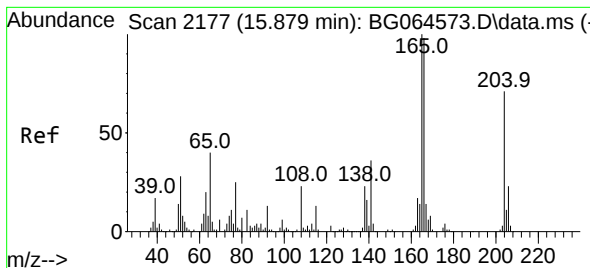
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#60
Diethylphthalate
Concen: 54.118 ng
RT: 15.629 min Scan# 2134
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

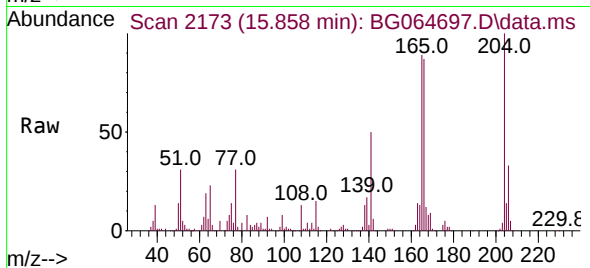
Tgt Ion:149 Resp: 369452
Ion Ratio Lower Upper
149 100
177 23.5 18.0 27.0
150 13.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 54.883 ng
RT: 15.858 min Scan# 2173
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

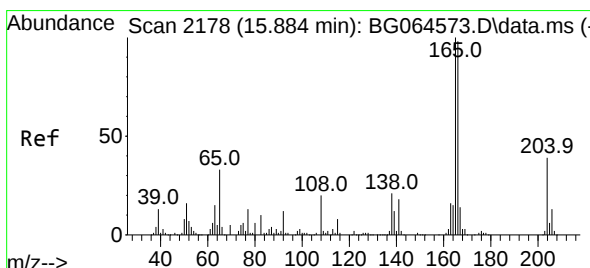
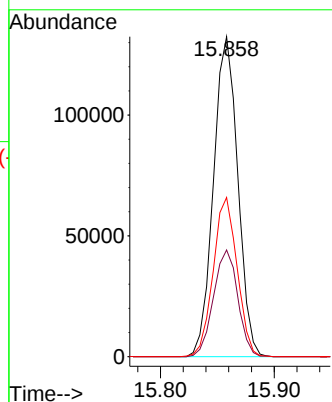
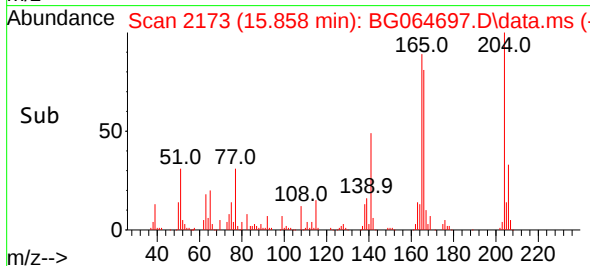
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



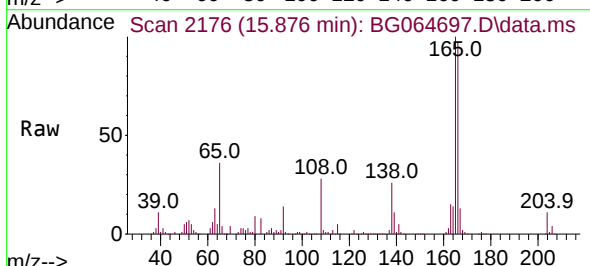
Tgt Ion:204 Resp: 196502
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 49.7 40.6 60.8

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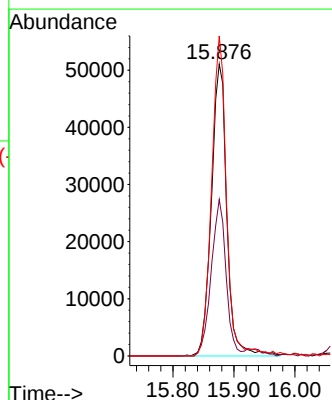
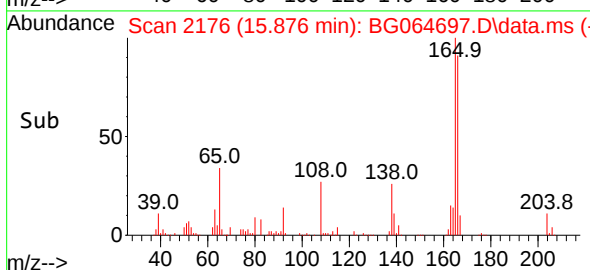
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

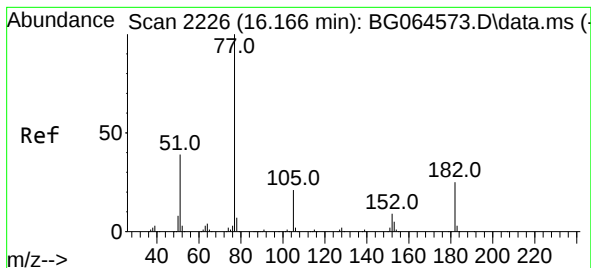


#62
4-Nitroaniline
Concen: 70.399 ng
RT: 15.876 min Scan# 2176
Delta R.T. -0.009 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51



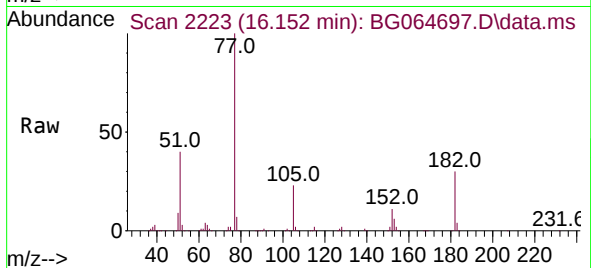
Tgt Ion:138 Resp: 89993
Ion Ratio Lower Upper
138 100
92 53.6 36.1 76.1
108 109.6 75.6 115.6





#63
Azobenzene
Concen: 53.958 ng
RT: 16.152 min Scan# 2223
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

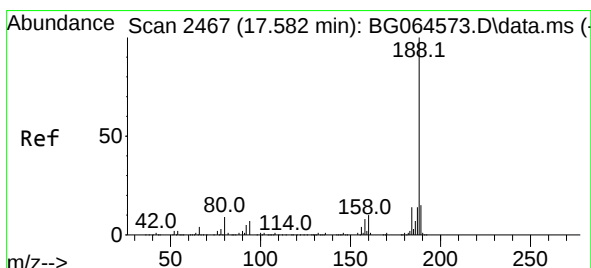
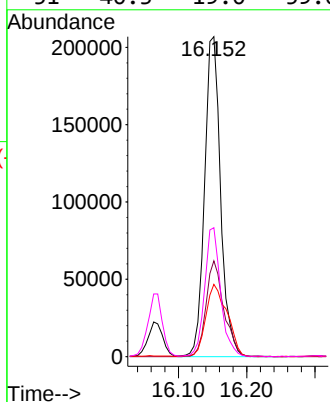
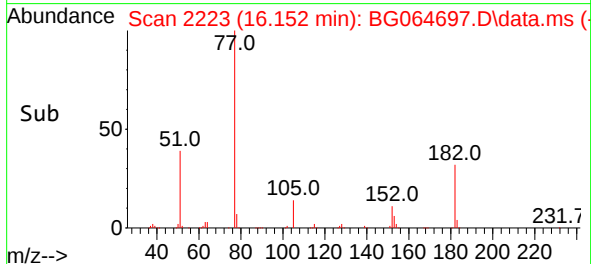
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion: 77 Resp: 337984
Ion Ratio Lower Upper
77 100
182 29.9 4.9 44.9
105 22.6 1.3 41.3
51 40.3 19.0 59.0

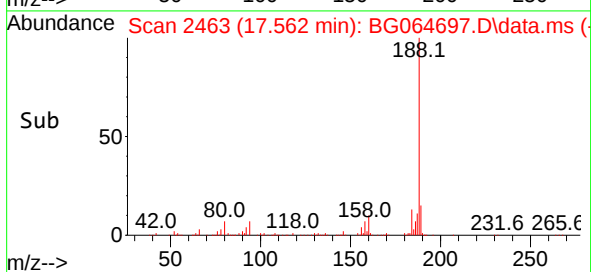
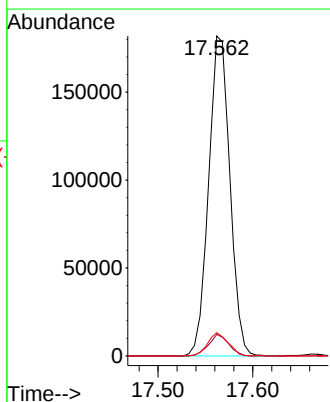
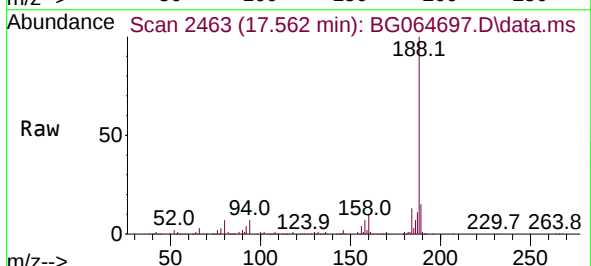
Manual Integrations
APPROVED

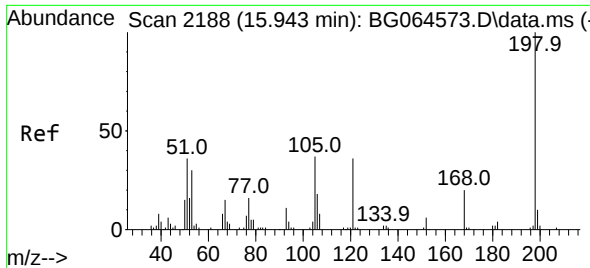
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.562 min Scan# 2463
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

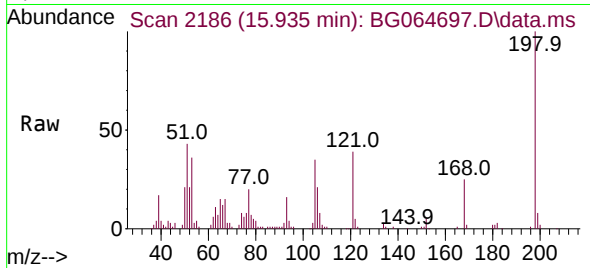
Tgt Ion:188 Resp: 283672
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 7.3 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 63.350 ng
RT: 15.935 min Scan# 2188
Delta R.T. -0.008 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

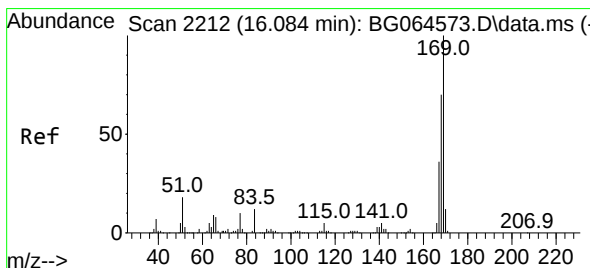
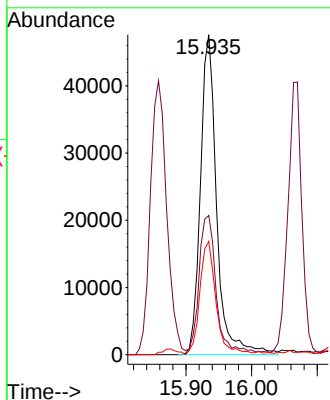
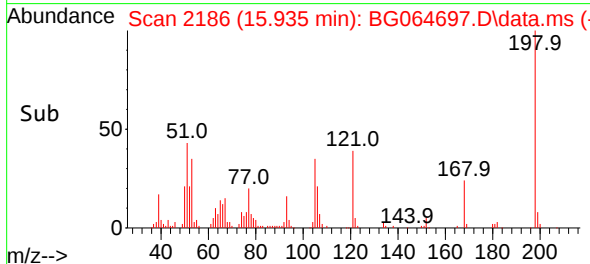
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



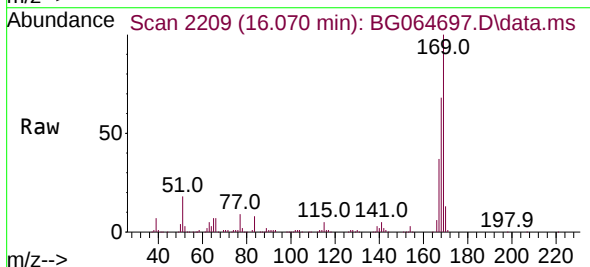
Tgt Ion:198 Resp: 81519
Ion Ratio Lower Upper
198 100
51 43.5 24.7 64.7
105 35.4 18.0 58.0

Manual Integrations
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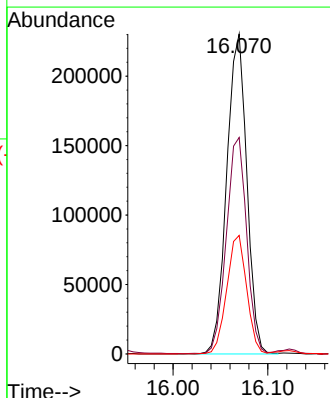
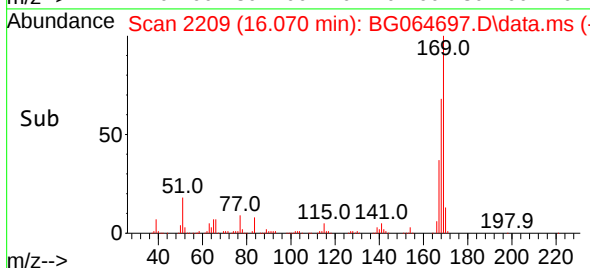
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

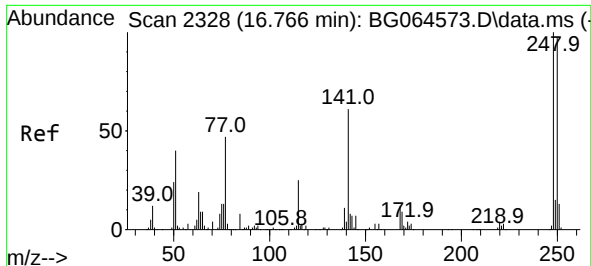


#66
n-Nitrosodiphenylamine
Concen: 44.349 ng
RT: 16.070 min Scan# 2209
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51



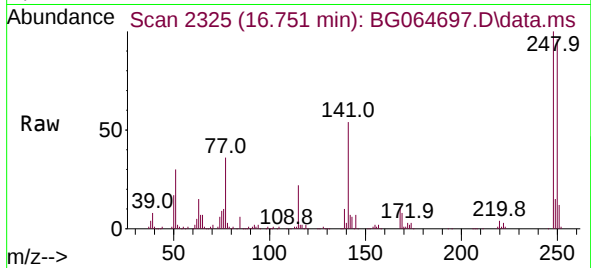
Tgt Ion:169 Resp: 339832
Ion Ratio Lower Upper
169 100
168 67.6 56.3 84.5
167 37.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.071 ng
RT: 16.751 min Scan# 2325
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

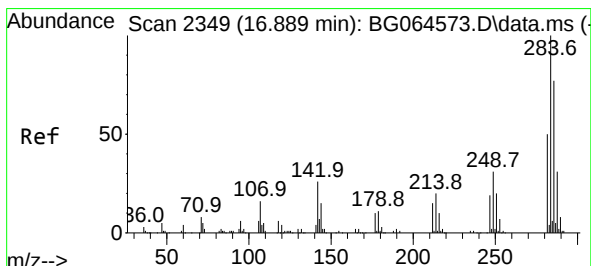
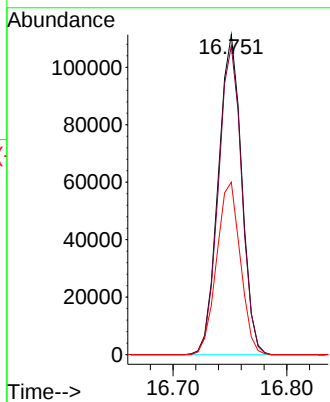
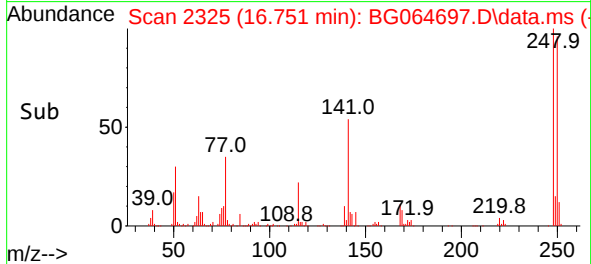
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



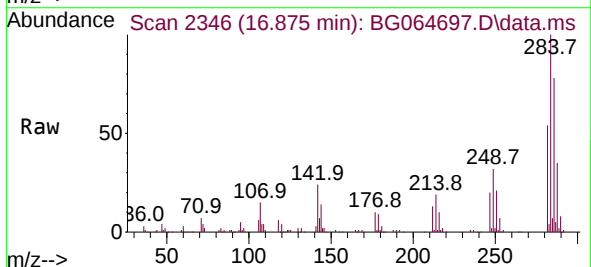
Tgt Ion:248 Resp: 158236
Ion Ratio Lower Upper
248 100
250 96.5 77.7 116.5
141 53.9 48.6 72.8

Manual Integrations
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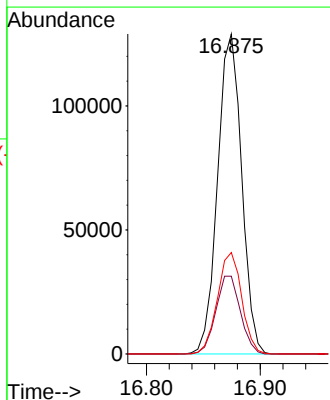
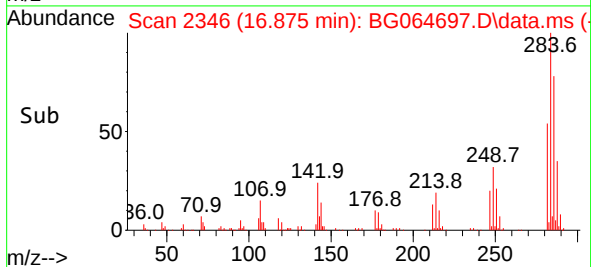
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

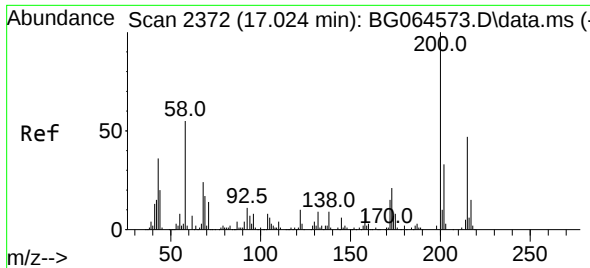


#68
Hexachlorobenzene
Concen: 49.352 ng
RT: 16.875 min Scan# 2346
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51



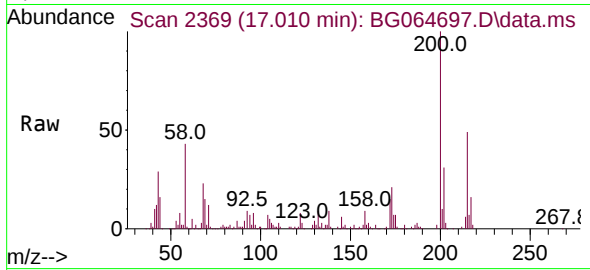
Tgt Ion:284 Resp: 189267
Ion Ratio Lower Upper
284 100
142 24.3 21.0 31.6
249 31.7 24.9 37.3





#69
 Atrazine
 Concen: 55.491 ng
 RT: 17.010 min Scan# 2372
 Delta R.T. -0.015 min
 Lab File: BG064697.D
 Acq: 5 Nov 2025 22:51

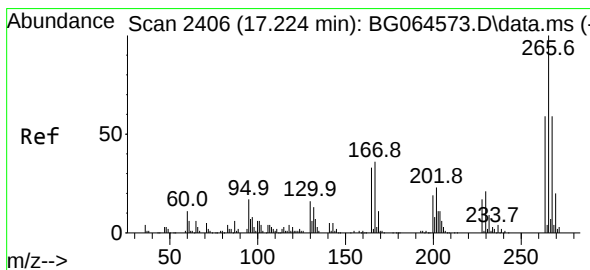
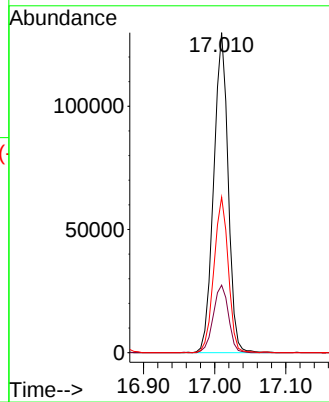
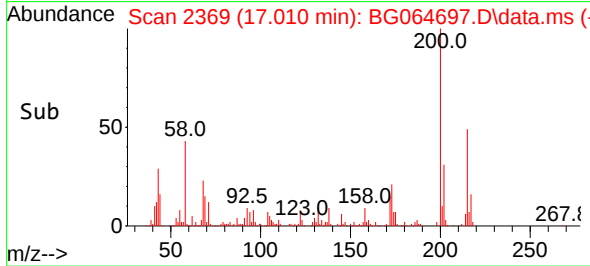
Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD



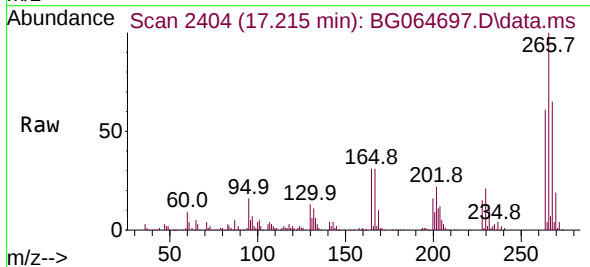
Tgt Ion:200 Resp: 182985
 Ion Ratio Lower Upper
 200 100
 173 21.1 0.9 40.9
 215 48.6 27.0 67.0

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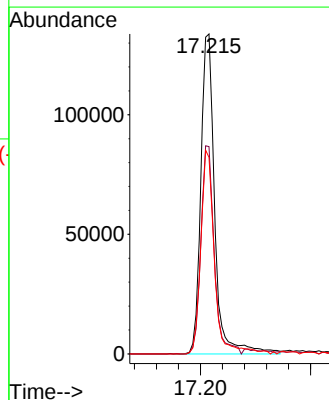
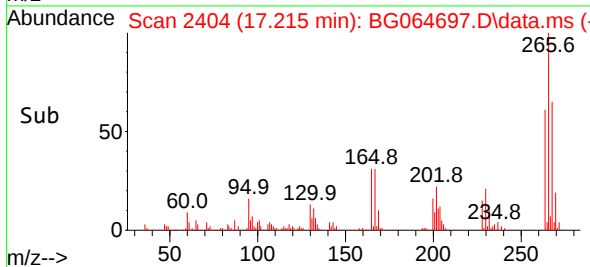
Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

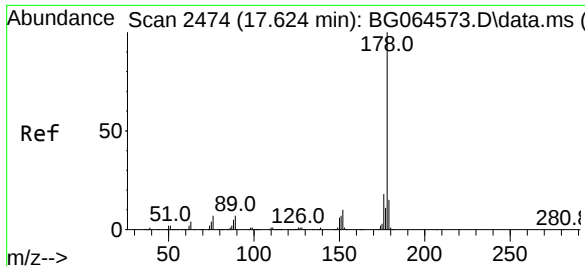


#70
 Pentachlorophenol
 Concen: 98.017 ng
 RT: 17.215 min Scan# 2404
 Delta R.T. -0.009 min
 Lab File: BG064697.D
 Acq: 5 Nov 2025 22:51



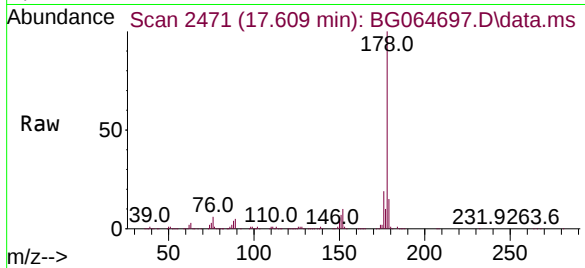
Tgt Ion:266 Resp: 234407
 Ion Ratio Lower Upper
 266 100
 268 64.8 50.3 75.5
 264 61.4 47.3 70.9





#71
Phenanthrene
Concen: 47.929 ng
RT: 17.609 min Scan# 2471
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

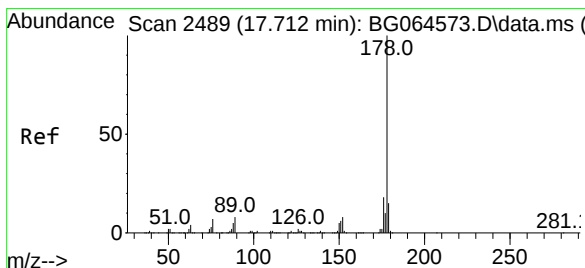
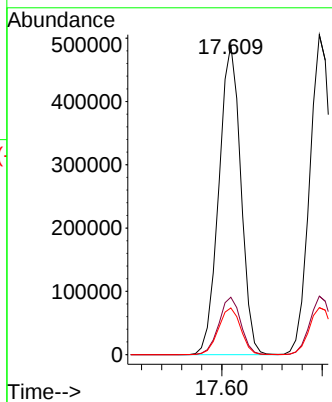
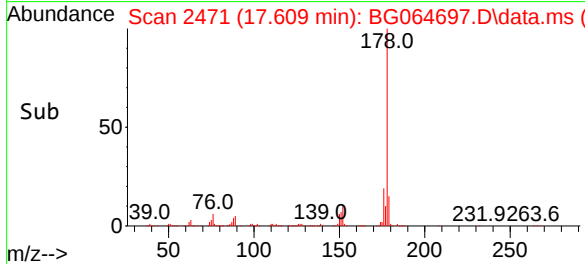
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



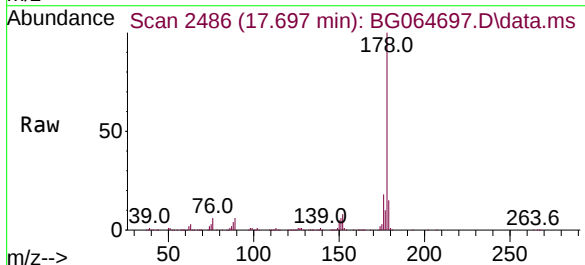
Tgt Ion:178 Resp: 743519
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.1 12.2 18.4

Manual Integrations
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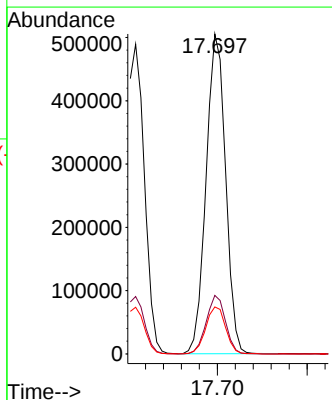
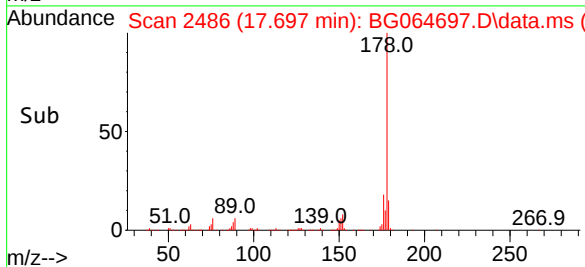
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

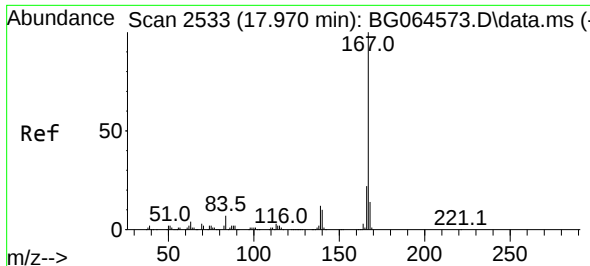


#72
Anthracene
Concen: 48.310 ng
RT: 17.697 min Scan# 2486
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51



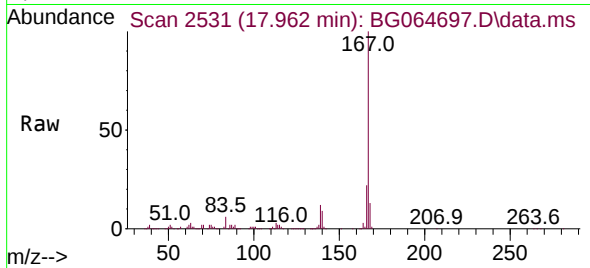
Tgt Ion:178 Resp: 762352
Ion Ratio Lower Upper
178 100
176 18.3 14.4 21.6
179 14.7 12.4 18.6





#73
 Carbazole
 Concen: 51.768 ng
 RT: 17.962 min Scan# 2531
 Delta R.T. -0.009 min
 Lab File: BG064697.D
 Acq: 5 Nov 2025 22:51

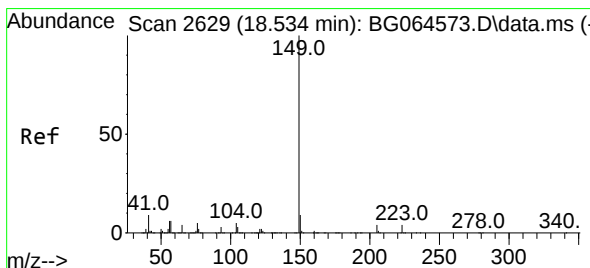
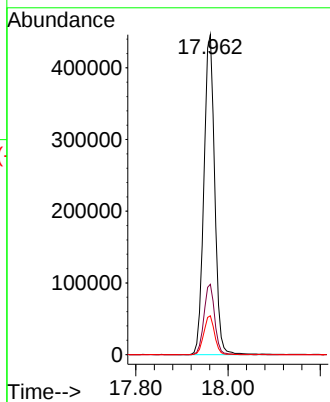
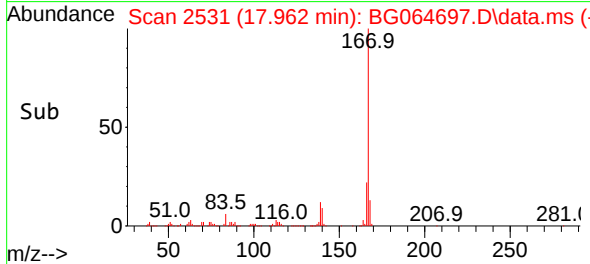
Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD



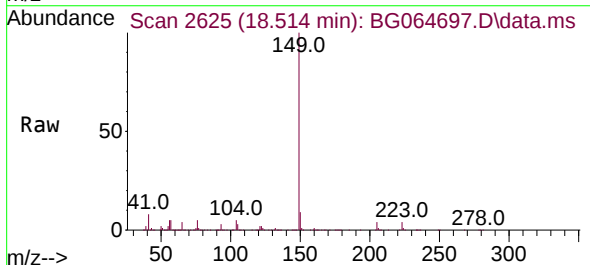
Tgt Ion:167 Resp: 720370
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.9 26.9
 139 12.1 9.7 14.5

Manual Integrations
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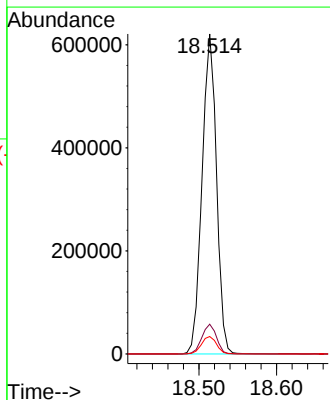
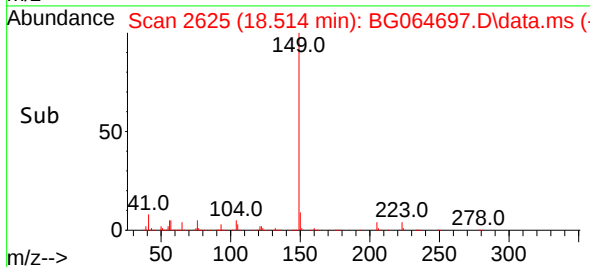
Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

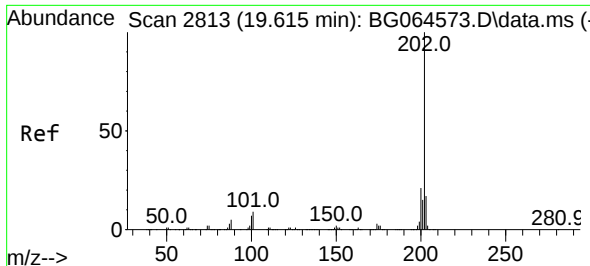


#74
 Di-n-butylphthalate
 Concen: 49.836 ng
 RT: 18.514 min Scan# 2625
 Delta R.T. -0.020 min
 Lab File: BG064697.D
 Acq: 5 Nov 2025 22:51



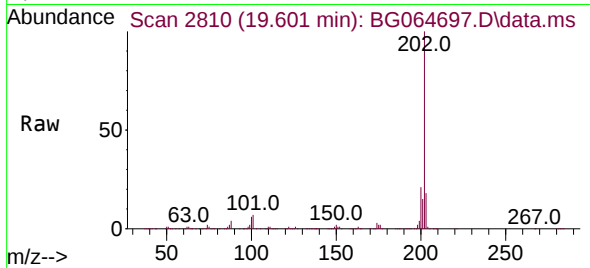
Tgt Ion:149 Resp: 801919
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.0 10.6
 104 5.5 4.1 6.1





#75
Fluoranthene
Concen: 54.138 ng
RT: 19.601 min Scan# 2813
Delta R.T. -0.015 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

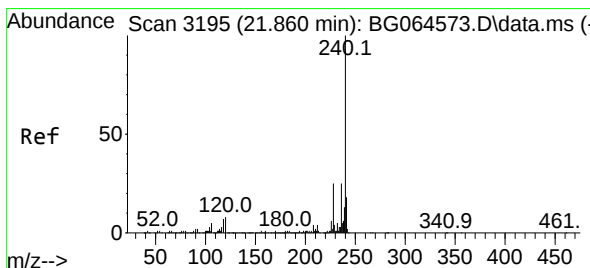
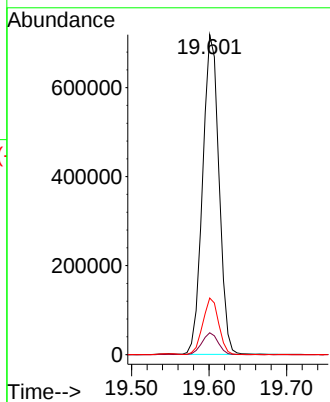
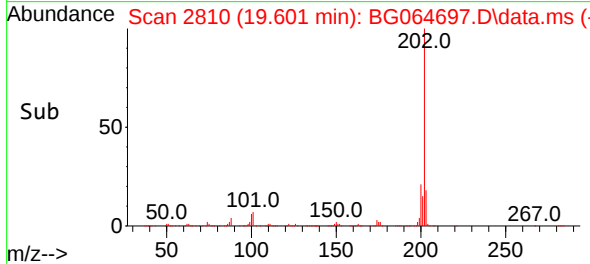
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion:202 Resp: 1052096
Ion Ratio Lower Upper
202 100
101 6.8 0.0 28.7
203 17.7 0.0 37.0

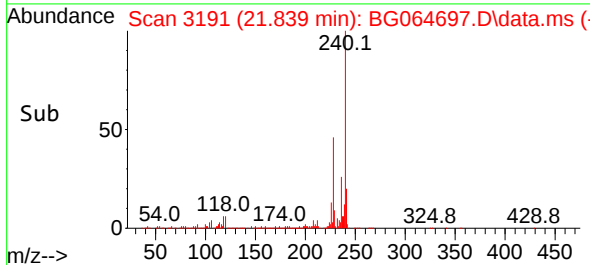
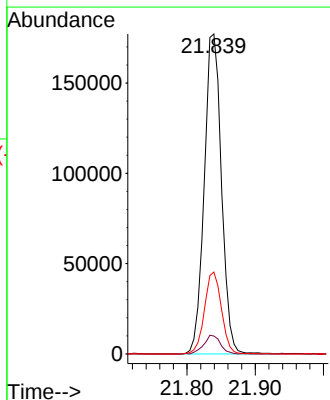
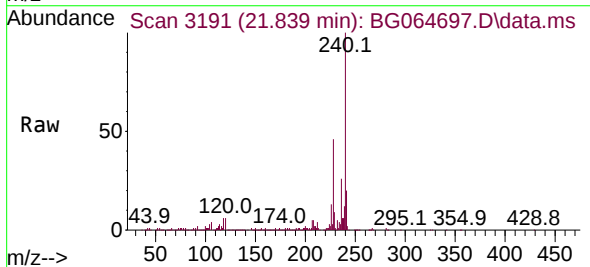
Manual Integrations
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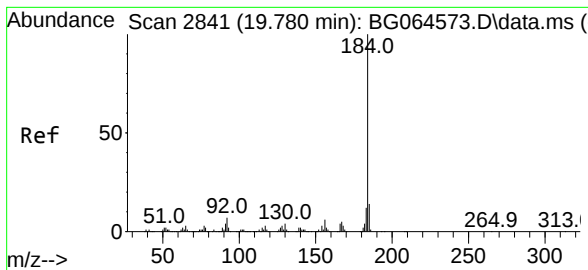
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.839 min Scan# 3191
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

Tgt Ion:240 Resp: 309900
Ion Ratio Lower Upper
240 100
120 5.6 6.5 9.7#
236 25.6 20.2 30.2





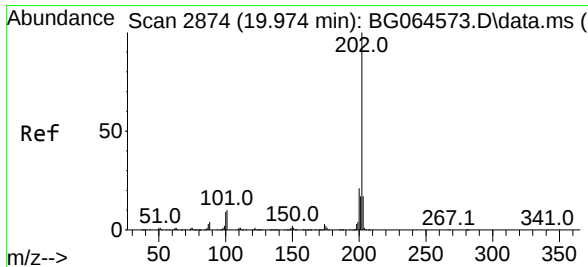
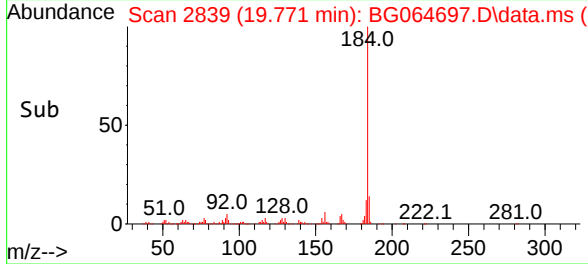
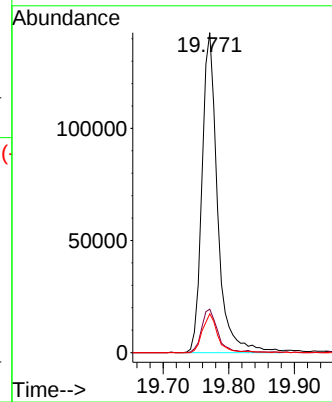
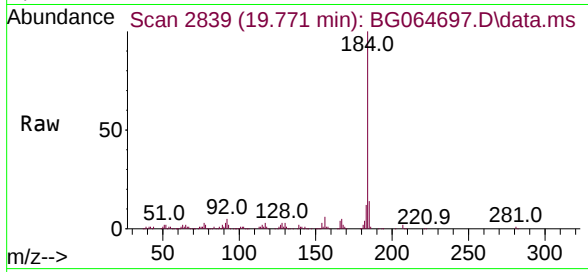
#77
Benzidine
Concen: 33.769 ng
RT: 19.771 min Scan# 2839
Delta R.T. -0.009 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tgt Ion:	184	Resp:	23445
Ion Ratio	Lower	Upper	
184	100		
185	13.6	11.4	17.2
183	12.1	9.4	14.2

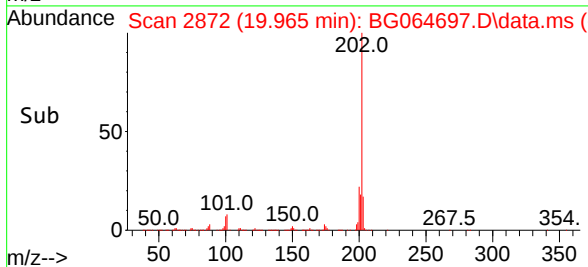
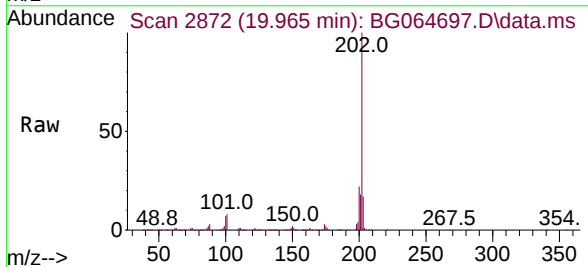
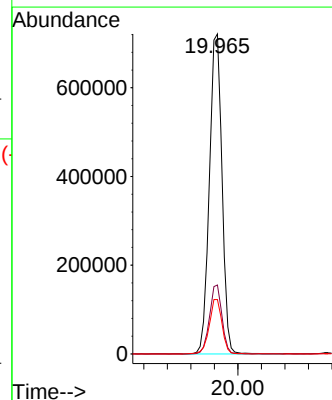
Manual Integrations
APPROVED

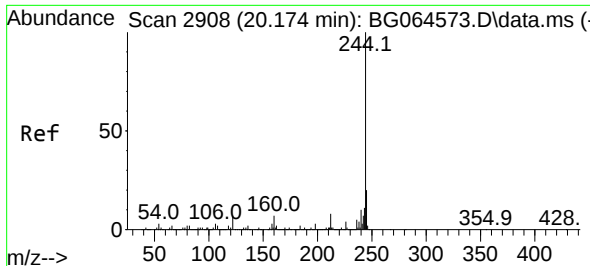
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#78
Pyrene
Concen: 53.056 ng
RT: 19.965 min Scan# 2872
Delta R.T. -0.009 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

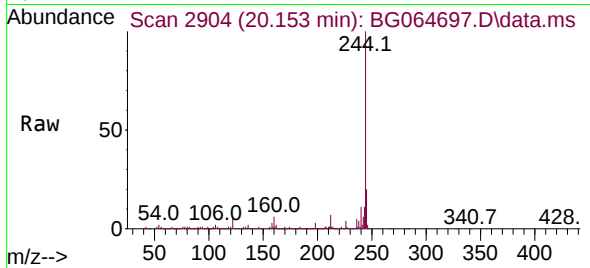
Tgt Ion:	202	Resp:	1074241
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.0	25.4
203	17.0	13.8	20.6





#79
Terphenyl-d14
Concen: 48.260 ng
RT: 20.153 min Scan# 2908
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

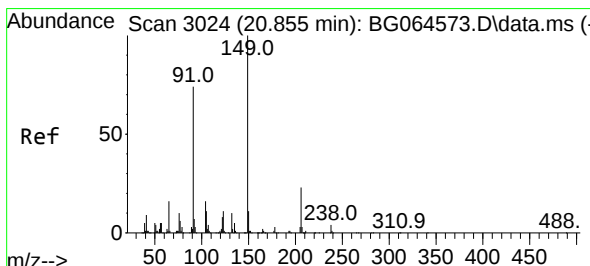
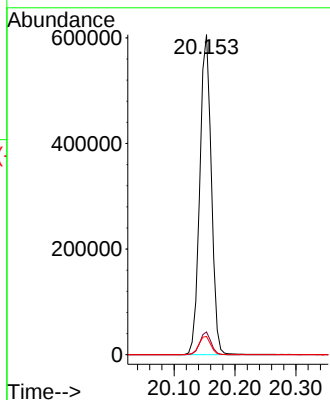
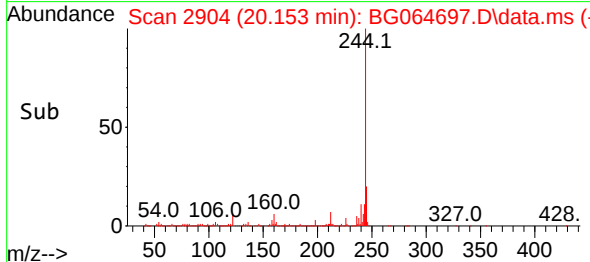
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion:244 Resp: 792499
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 5.7 5.6 8.4

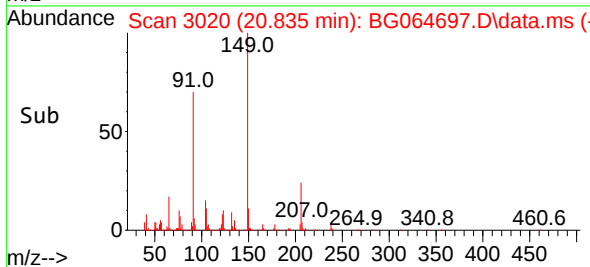
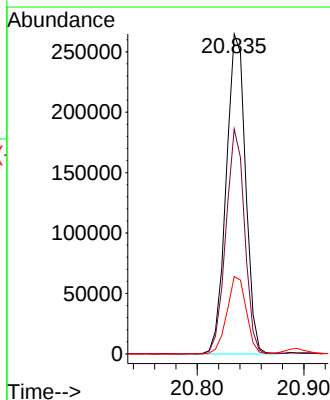
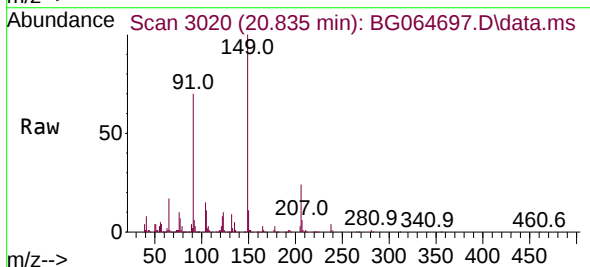
Manual Integrations
APPROVED

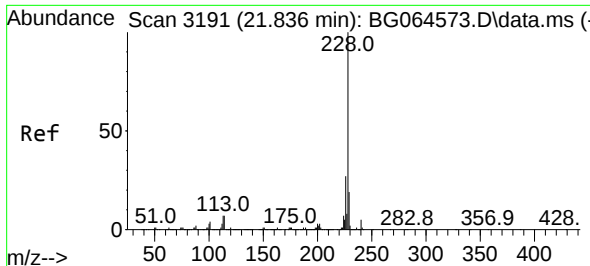
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#80
Butylbenzylphthalate
Concen: 54.604 ng
RT: 20.835 min Scan# 3020
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

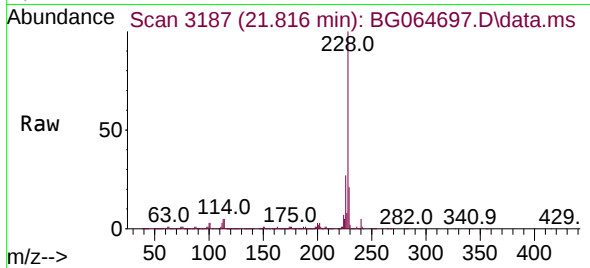
Tgt Ion:149 Resp: 334144
Ion Ratio Lower Upper
149 100
91 70.3 59.2 88.8
206 24.2 18.1 27.1





#81
Benzo(a)anthracene
Concen: 48.890 ng
RT: 21.816 min Scan# 3191
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

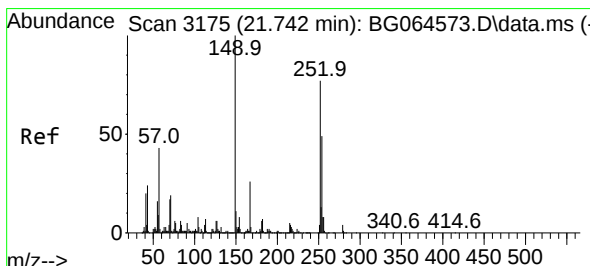
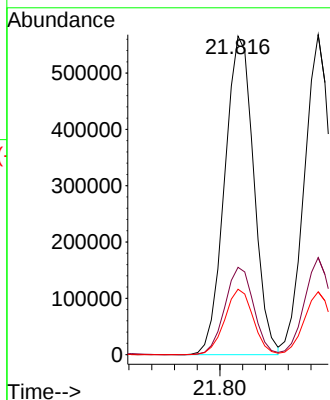
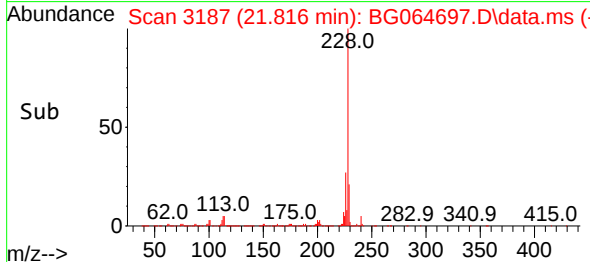
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion:228 Resp: 1004587
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 20.5 15.6 23.4

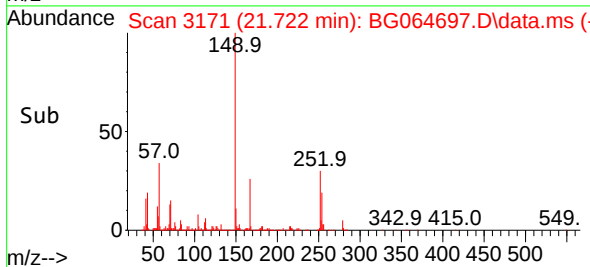
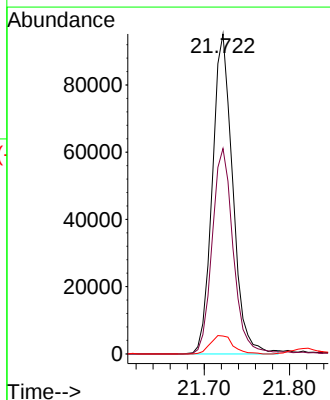
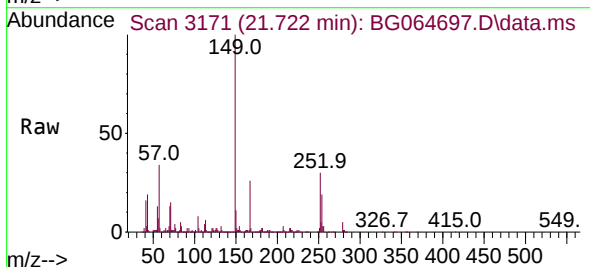
Manual Integrations
APPROVED

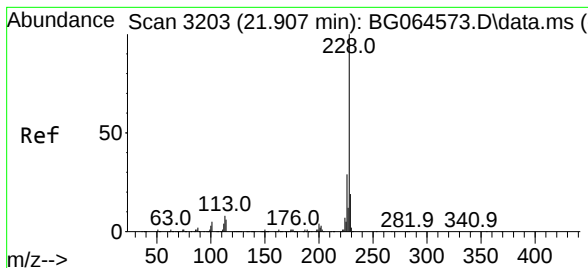
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#82
3,3'-Dichlorobenzidine
Concen: 23.026 ng
RT: 21.722 min Scan# 3171
Delta R.T. -0.020 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

Tgt Ion:252 Resp: 157999
Ion Ratio Lower Upper
252 100
254 64.2 50.8 76.2
126 5.6 5.8 8.6





#83

Chrysene

Concen: 47.457 ng

RT: 21.886 min Scan# 31199

Delta R.T. -0.020 min

Lab File: BG064697.D

Acq: 5 Nov 2025 22:51

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

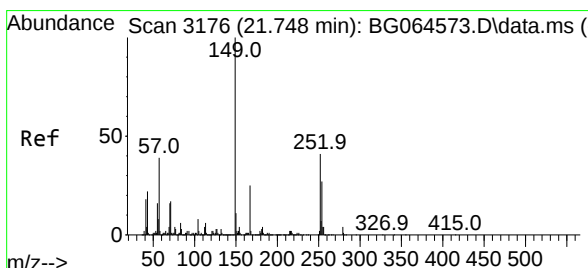
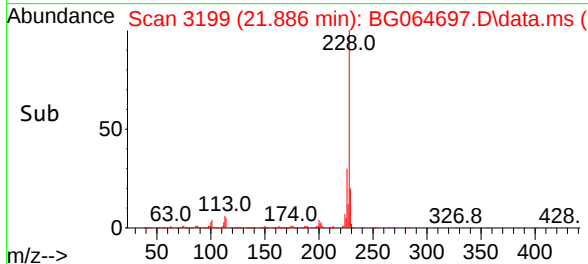
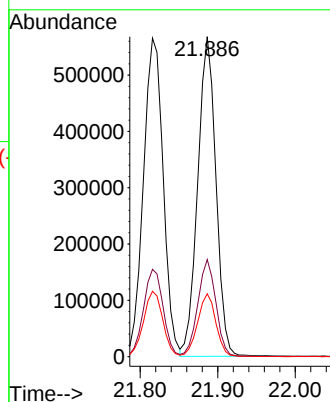
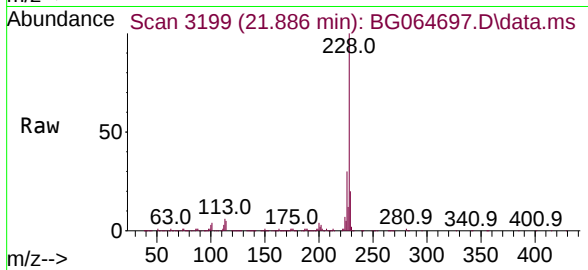
Tgt Ion:228 Resp: 927875
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.3 34.9
 229 19.6 15.2 22.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.336 ng

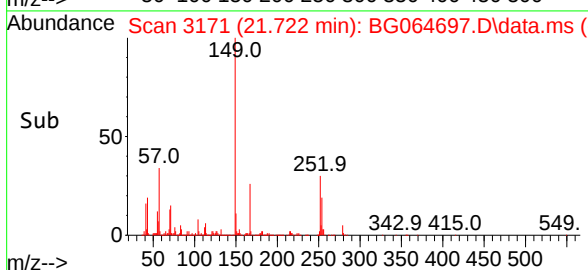
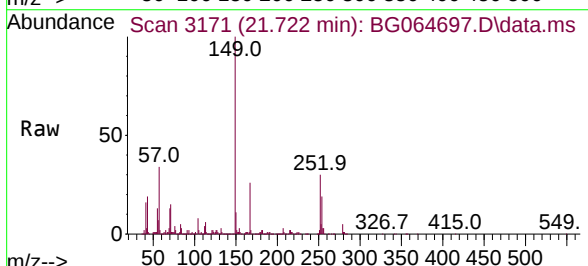
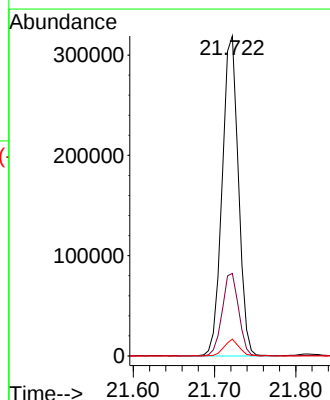
RT: 21.722 min Scan# 3171

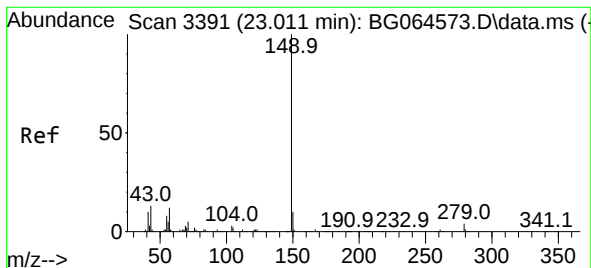
Delta R.T. -0.026 min

Lab File: BG064697.D

Acq: 5 Nov 2025 22:51

Tgt Ion:149 Resp: 441985
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.0 30.0
 279 5.3 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 46.268 ng

RT: 22.973 min Scan# 3391

Delta R.T. -0.038 min

Lab File: BG064697.D

Acq: 5 Nov 2025 22:51

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

Tgt Ion:149 Resp: 713288

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

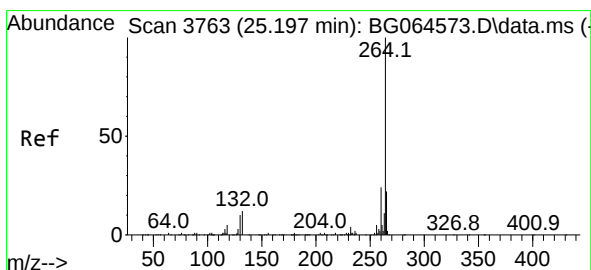
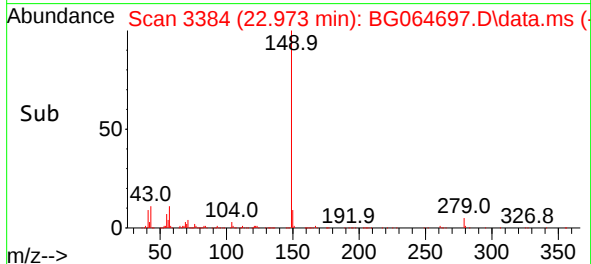
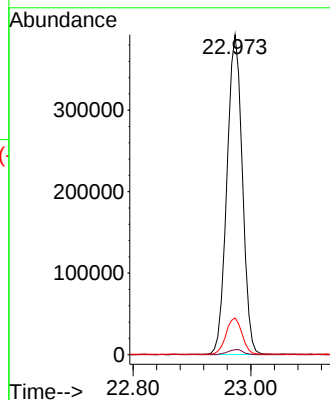
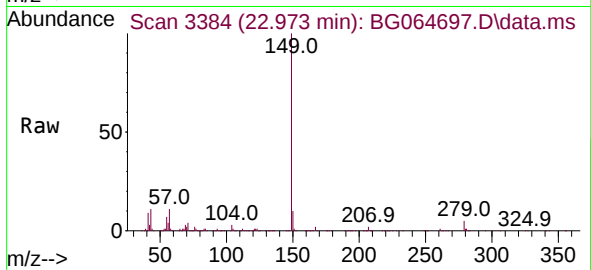
43 11.7 10.8 16.2

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.165 min Scan# 3757

Delta R.T. -0.032 min

Lab File: BG064697.D

Acq: 5 Nov 2025 22:51

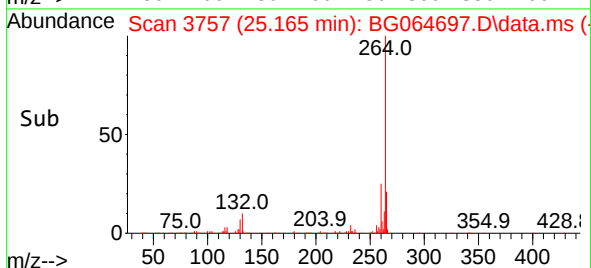
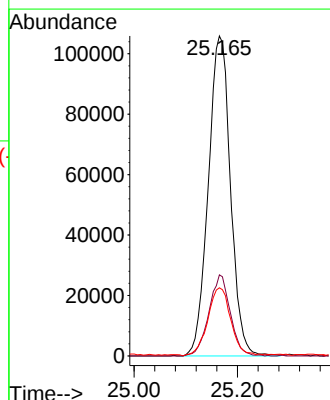
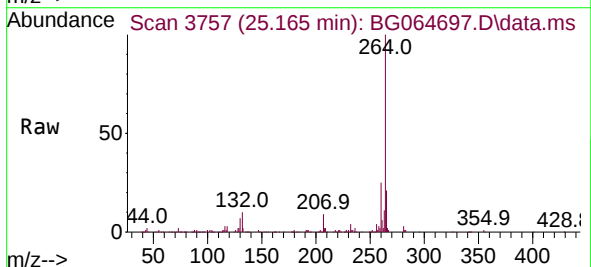
Tgt Ion:264 Resp: 316358

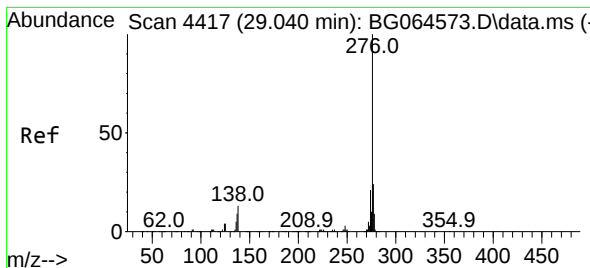
Ion Ratio Lower Upper

264 100

260 25.3 19.0 28.4

265 21.3 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.316 ng

RT: 28.990 min Scan# 4417

Delta R.T. -0.050 min

Lab File: BG064697.D

Acq: 5 Nov 2025 22:51

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

Tgt Ion:276 Resp: 117098

Ion Ratio Lower Upper

276 100

138 9.4 10.8 16.2

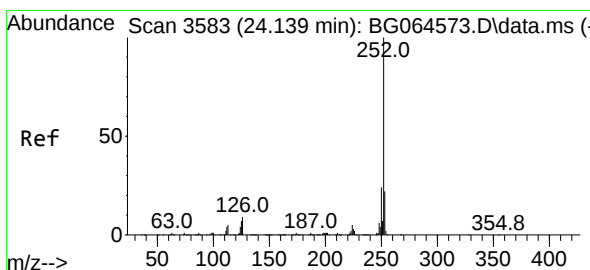
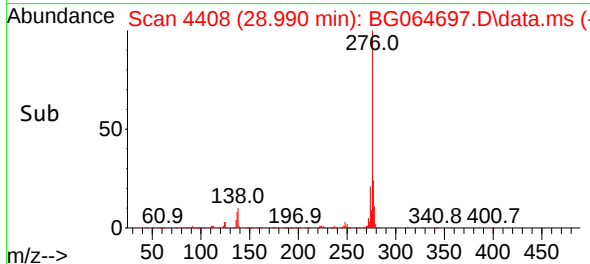
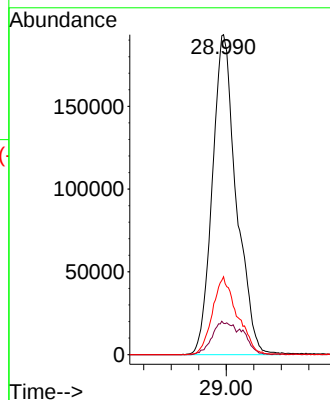
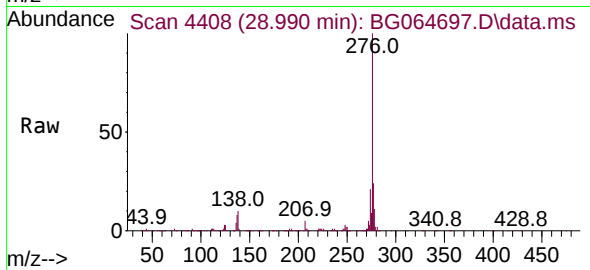
277 25.1 20.1 30.1

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#88

Benzo(b)fluoranthene

Concen: 49.149 ng

RT: 24.107 min Scan# 3577

Delta R.T. -0.032 min

Lab File: BG064697.D

Acq: 5 Nov 2025 22:51

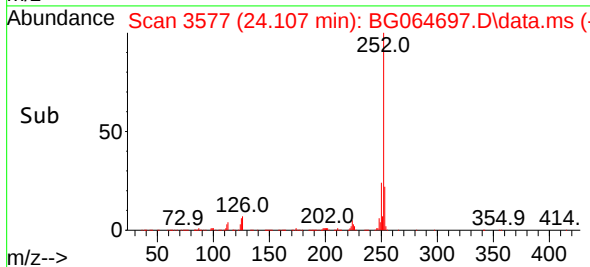
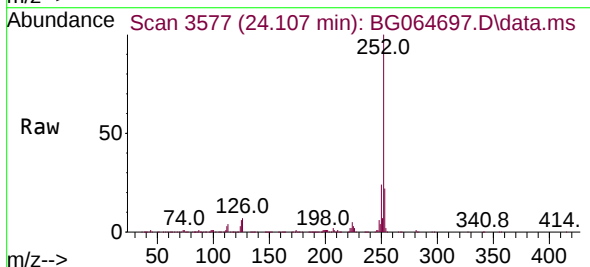
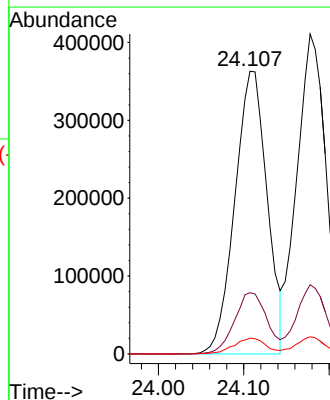
Tgt Ion:252 Resp: 953438

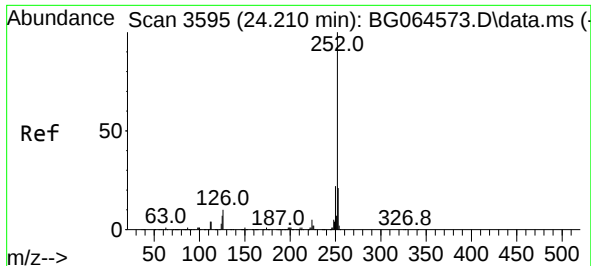
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

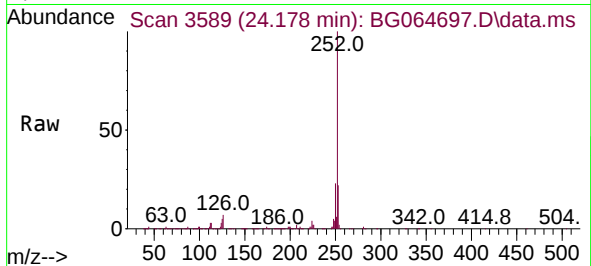
125 5.6 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 50.763 ng m
RT: 24.178 min Scan# 3589
Delta R.T. -0.032 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

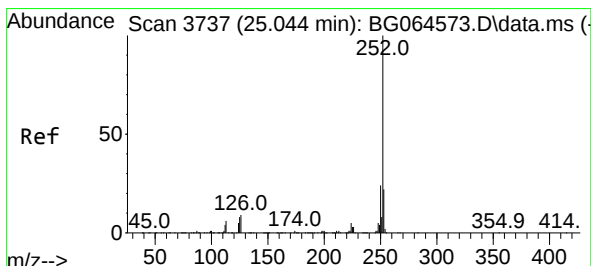
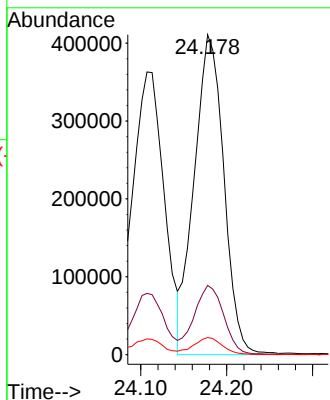
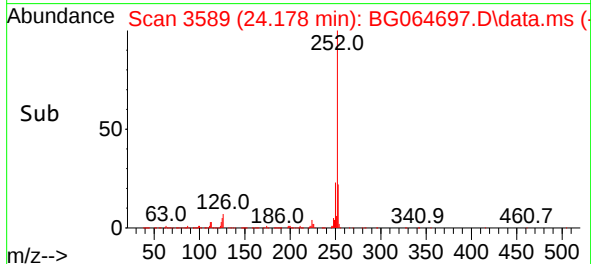
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion:252 Resp: 985420
Ion Ratio Lower Upper
252 100
253 21.6 16.8 25.2
125 5.3 5.4 8.0

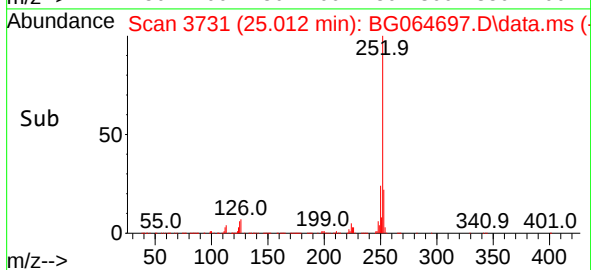
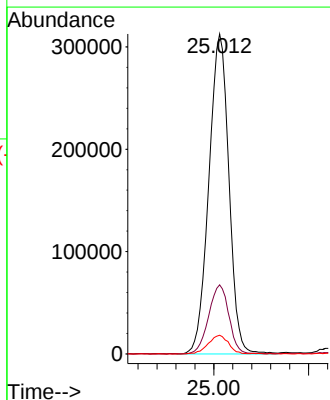
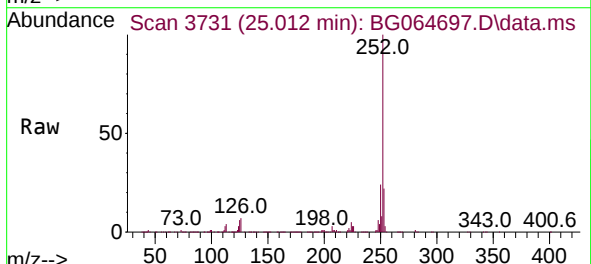
Manual Integrations
APPROVED

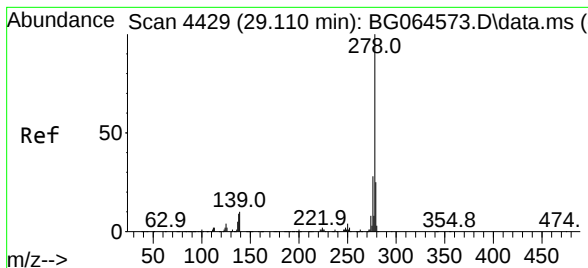
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#90
Benzo(a)pyrene
Concen: 51.436 ng
RT: 25.012 min Scan# 3731
Delta R.T. -0.032 min
Lab File: BG064697.D
Acq: 5 Nov 2025 22:51

Tgt Ion:252 Resp: 917194
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 5.8 6.1 9.1





#91

Dibenzo(a,h)anthracene

Concen: 50.821 ng

RT: 29.060 min Scan# 4429

Delta R.T. -0.050 min

Lab File: BG064697.D

Acq: 5 Nov 2025 22:51

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

Tgt Ion:278 Resp: 96087

Ion Ratio Lower Upper

278 100

139 7.3 8.0 12.0

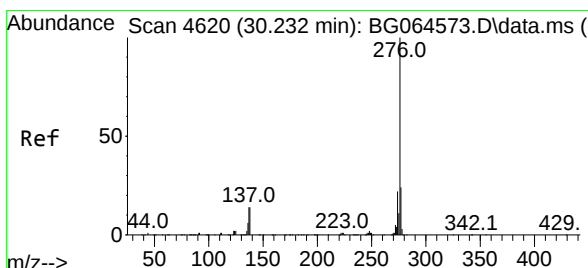
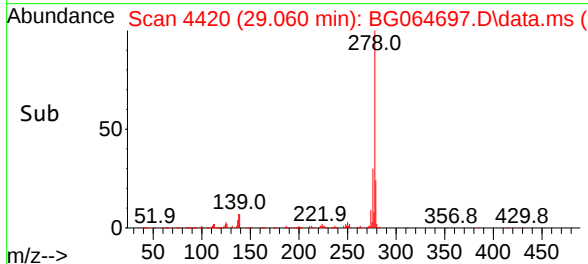
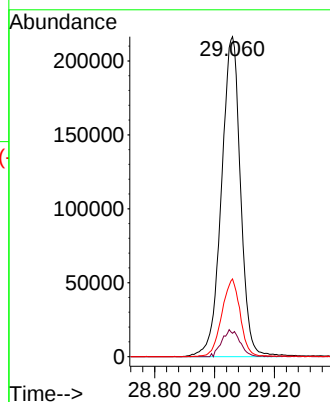
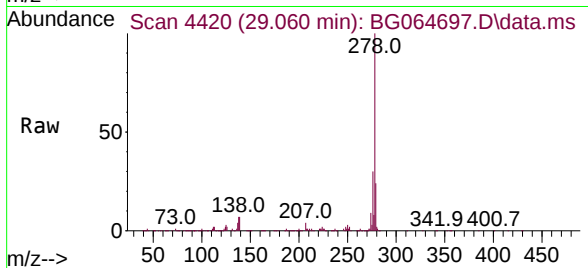
279 24.3 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#92

Benzo(g,h,i)perylene

Concen: 51.174 ng

RT: 30.188 min Scan# 4612

Delta R.T. -0.044 min

Lab File: BG064697.D

Acq: 5 Nov 2025 22:51

Tgt Ion:276 Resp: 924279

Ion Ratio Lower Upper

276 100

277 21.6 19.1 28.7

138 11.3 11.3 16.9

