

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110525\
 Data File : BG064687.D
 Acq On : 5 Nov 2025 15:59
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 16:38:14 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	8.207	152	35070	20.000	ng	-0.02
21) Naphthalene-d8	11.027	136	156662	20.000	ng	#-0.02
39) Acenaphthene-d10	14.829	164	130085	20.000	ng	-0.02
64) Phenanthrene-d10	17.567	188	323139	20.000	ng	-0.02
76) Chrysene-d12	21.838	240	272085	20.000	ng	#-0.02
86) Perylene-d12	25.164	264	295948	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.733	112	165799	79.354	ng	-0.02
7) Phenol-d6	7.343	99	239699	83.605	ng	0.00
23) Nitrobenzene-d5	9.370	82	252356	96.751	ng	-0.02
42) 2,4,6-Tribromophenol	16.309	330	197133	104.997	ng	0.00
45) 2-Fluorobiphenyl	13.460	172	715618	83.384	ng	-0.02
79) Terphenyl-d14	20.158	244	1382241	95.871	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.571	88	33437	36.147	ng	95
3) Pyridine	3.983	79	99262	35.733	ng	97
4) n-Nitrosodimethylamine	3.889	42	55193	37.051	ng	97
6) Aniline	7.520	93	156363	40.080	ng	98
8) 2-Chlorophenol	7.766	128	96943	44.328	ng	98
9) Benzaldehyde	7.326	77	63110	40.320	ng	97
10) Phenol	7.373	94	131535	41.484	ng	95
11) bis(2-Chloroethyl)ether	7.608	93	94670	40.610	ng	94
12) 1,3-Dichlorobenzene	8.095	146	104841	41.652	ng	99
13) 1,4-Dichlorobenzene	8.242	146	107119	41.853	ng	96
14) 1,2-Dichlorobenzene	8.565	146	103426	41.896	ng	99
15) Benzyl Alcohol	8.436	79	103816	43.911	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.724	45	243679	39.850	ng	98
17) 2-Methylphenol	8.636	107	92175	43.785	ng	97
18) Hexachloroethane	9.306	117	38961	43.379	ng	91
19) n-Nitroso-di-n-propyla...	9.012	70	87588	44.205	ng	98
20) 3+4-Methylphenols	8.965	107	129216	43.646	ng	94
22) Acetophenone	9.030	105	166969	38.989	ng	# 97
24) Nitrobenzene	9.412	77	130742	46.085	ng	95
25) Isophorone	9.940	82	261873	41.841	ng	99
26) 2-Nitrophenol	10.128	139	60134	54.485	ng	96
27) 2,4-Dimethylphenol	10.181	122	97063	41.692	ng	95
28) bis(2-Chloroethoxy)met...	10.416	93	145558	40.847	ng	99
29) 2,4-Dichlorophenol	10.669	162	115620	46.147	ng	98
30) 1,2,4-Trichlorobenzene	10.892	180	124771	43.830	ng	99
31) Naphthalene	11.080	128	363810	41.885	ng	99
32) Benzoic acid	10.305	122	53334	32.288	ng	89
33) 4-Chloroaniline	11.174	127	142595	42.238	ng	95
34) Hexachlorobutadiene	11.374	225	101784	45.719	ng	97
35) Caprolactam	11.956	113	37909	39.449	ng	98
36) 4-Chloro-3-methylphenol	12.285	107	138348	45.938	ng	99
37) 2-Methylnaphthalene	12.672	142	270347	42.394	ng	99
38) 1-Methylnaphthalene	12.890	142	265369	42.035	ng	98
40) 1,2,4,5-Tetrachloroben...	13.037	216	188272	43.125	ng	99
41) Hexachlorocyclopentadiene	13.019	237	92385	47.014	ng	98
43) 2,4,6-Trichlorophenol	13.266	196	119900	48.013	ng	99

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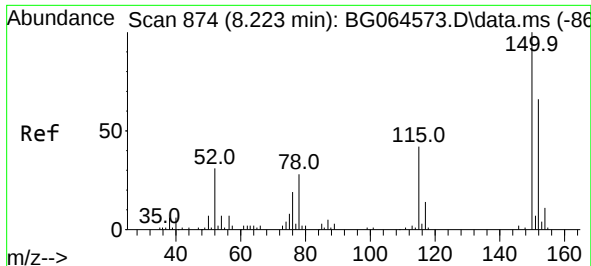
Manual Integrations
 APPROVED

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

Quant Time: Nov 05 16:38:14 2025
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 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)
44) 2,4,5-Trichlorophenol	13.336	196	136184	47.256	ng	97
46) 1,1'-Biphenyl	13.665	154	381100	41.208	ng	96
47) 2-Chloronaphthalene	13.712	162	292183	41.855	ng	99
48) 2-Nitroaniline	13.900	65	106080	45.449	ng	98
49) Acenaphthylene	14.553	152	456004	41.414	ng	99
50) Dimethylphthalate	14.271	163	421438	42.338	ng	99
51) 2,6-Dinitrotoluene	14.388	165	81447	49.483	ng	98
52) Acenaphthene	14.893	154	311599	41.420	ng	94
53) 3-Nitroaniline	14.717	138	83765	48.966	ng	# 94
54) 2,4-Dinitrophenol	14.923	184	36158	38.950	ng	# 41
55) Dibenzofuran	15.222	168	507855	41.757	ng	97
56) 4-Nitrophenol	15.011	139	54660	34.464	ng	95
57) 2,4-Dinitrotoluene	15.169	165	125651	49.385	ng	99
58) Fluorene	15.869	166	408515	43.009	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.446	232	129691	47.062	ng	98
60) Diethylphthalate	15.628	149	425326	41.848	ng	98
61) 4-Chlorophenyl-phenylether	15.857	204	242842	45.558	ng	97
62) 4-Nitroaniline	15.875	138	83275	43.757	ng	94
63) Azobenzene	16.151	77	366478	39.299	ng	97
65) 4,6-Dinitro-2-methylphthalate	15.933	198	74475	51.882	ng	95
66) n-Nitrosodiphenylamine	16.068	169	366427	41.979	ng	99
67) 4-Bromophenyl-phenylether	16.750	248	177335	46.310	ng	97
68) Hexachlorobenzene	16.873	284	205156	46.961	ng	96
69) Atrazine	17.009	200	153882	40.966	ng	99
70) Pentachlorophenol	17.214	266	109965	40.366	ng	91
71) Phenanthrene	17.608	178	735049	41.596	ng	99
72) Anthracene	17.696	178	739403	41.133	ng	100
73) Carbazole	17.960	167	574989	36.274	ng	99
74) Di-n-butylphthalate	18.513	149	723396	39.465	ng	99
75) Fluoranthene	19.605	202	822670	37.162	ng	98
77) Benzidine	19.770	184	243322	39.916	ng	99
78) Pyrene	19.964	202	836146	47.036	ng	99
80) Butylbenzylphthalate	20.839	149	242590	45.152	ng	93
81) Benzo(a)anthracene	21.821	228	758610	42.050	ng	99
82) 3,3'-Dichlorobenzidine	21.721	252	258617	42.928	ng	98
83) Chrysene	21.885	228	715185	41.663	ng	97
84) Bis(2-ethylhexyl)phthalate	21.721	149	332540	41.422	ng	97
85) Di-n-octyl phthalate	22.978	149	577530	42.668	ng	97
87) Indeno(1,2,3-cd)pyrene	28.994	276	907365	41.678	ng	# 96
88) Benzo(b)fluoranthene	24.112	252	766556m	42.240	ng	
89) Benzo(k)fluoranthene	24.182	252	744267	40.984	ng	97
90) Benzo(a)pyrene	25.011	252	696722	41.766	ng	99
91) Dibenzo(a,h)anthracene	29.053	278	738167	41.734	ng	98
92) Benzo(g,h,i)perylene	30.181	276	702818	41.596	ng	97

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



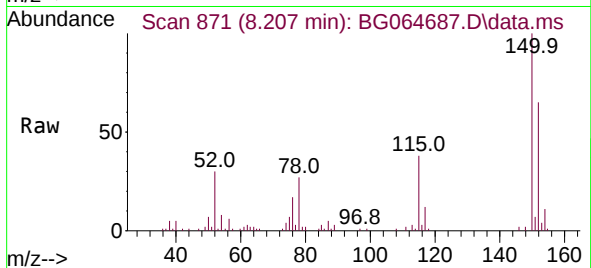
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.207 min Scan# 81
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



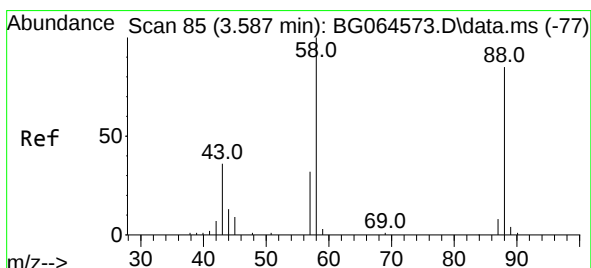
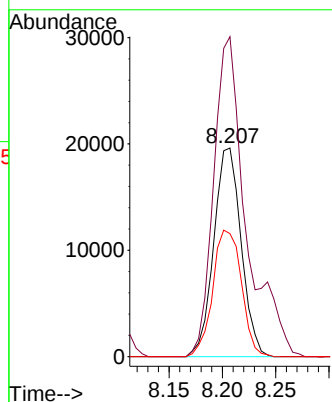
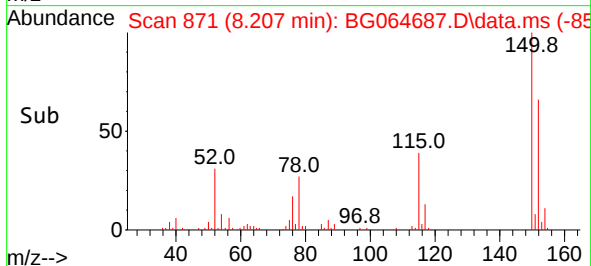
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Ion Ratio Lower Upper
152 100
150 153.5 122.2 183.4
115 59.0 50.8 76.2

Manual Integrations

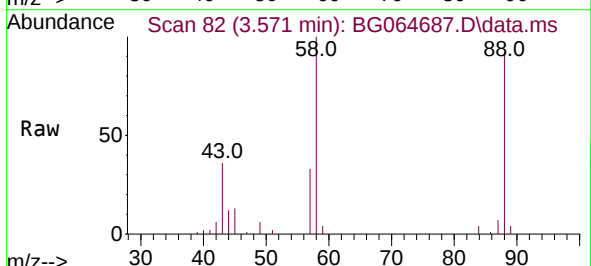
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Reviewed By :Rahul Chavli 11/06/2025

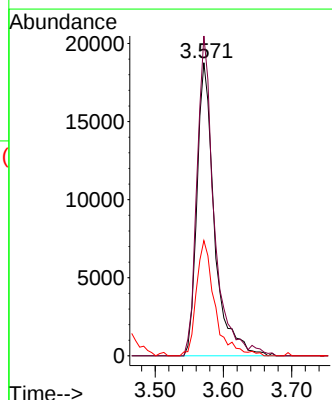
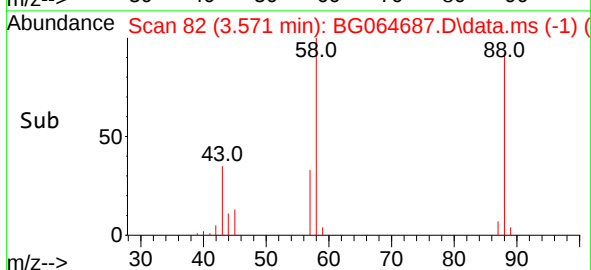
Supervised By :Jagrut Upadhyay 11/06/2025

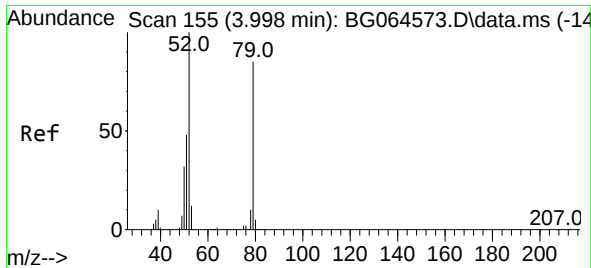


#2
1,4-Dioxane
Concen: 36.147 ng
RT: 3.571 min Scan# 82
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59



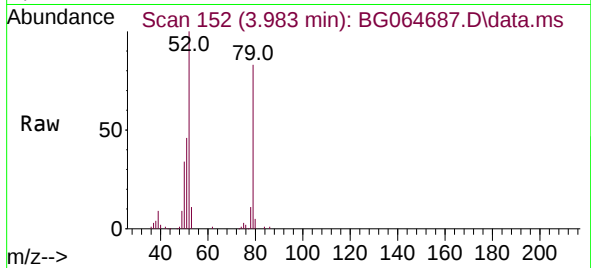
Tgt Ion: 88 Resp: 33437
Ion Ratio Lower Upper
88 100
58 108.3 92.4 138.6
43 41.4 33.0 49.6





#3
Pyridine
Concen: 35.733 ng
RT: 3.983 min Scan# 11
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

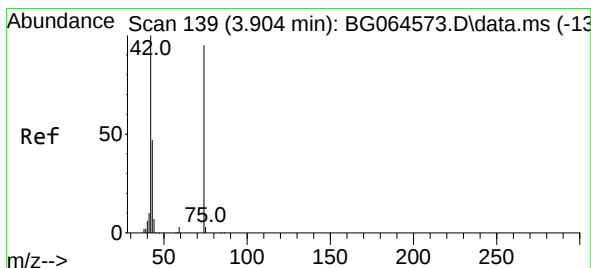
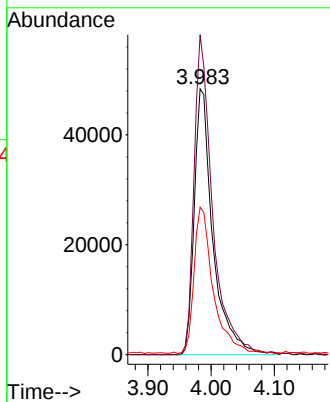
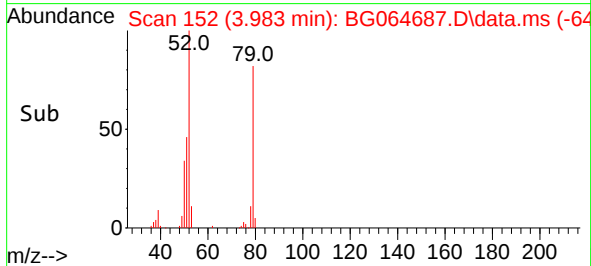
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 99262
Ion Ratio Lower Upper
79 100
52 120.4 94.2 141.2
51 55.5 46.1 69.1

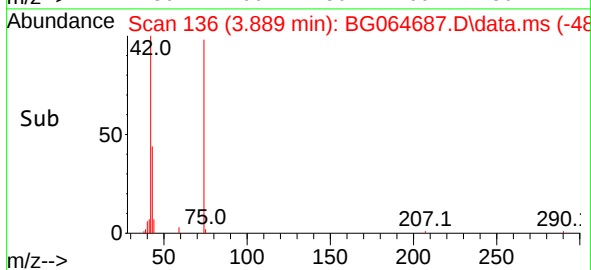
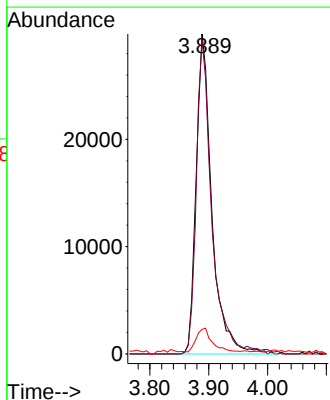
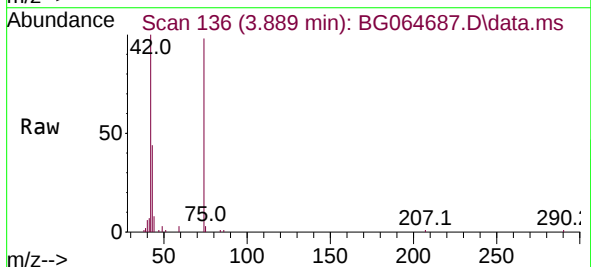
Manual Integrations
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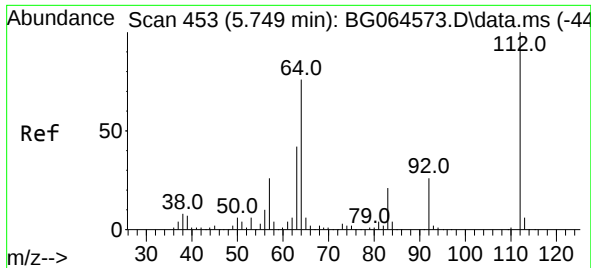
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#4
n-Nitrosodimethylamine
Concen: 37.051 ng
RT: 3.889 min Scan# 136
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Tgt Ion: 42 Resp: 55193
Ion Ratio Lower Upper
42 100
74 98.0 76.1 114.1
44 7.7 6.3 9.5





#5
2-Fluorophenol
Concen: 79.354 ng
RT: 5.733 min Scan# 41
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

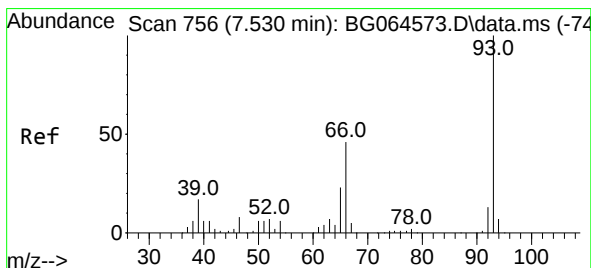
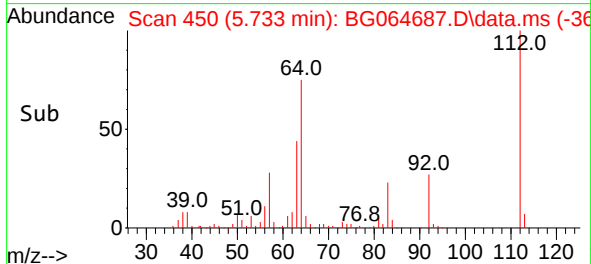
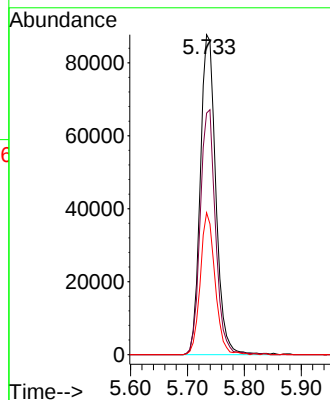
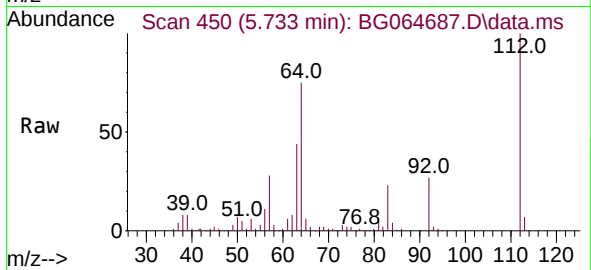
Tgt Ion:112 Resp: 165799
Ion Ratio Lower Upper
112 100
64 75.5 60.7 91.1
63 44.3 33.4 50.0

Manual Integrations

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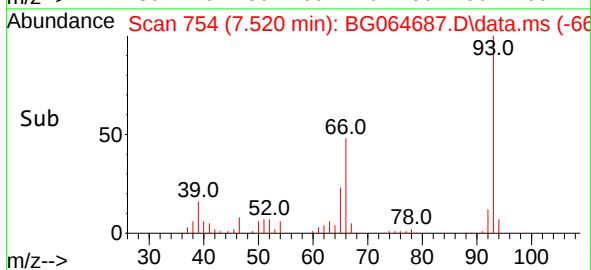
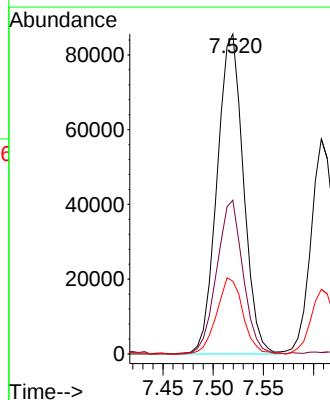
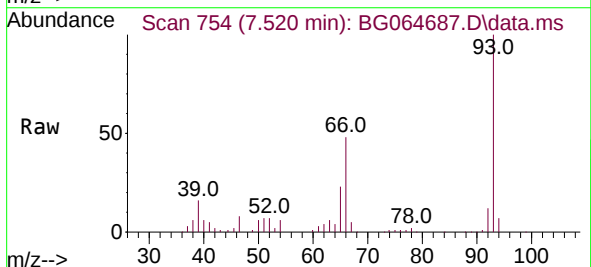
Reviewed By :Rahul Chavli 11/06/2025

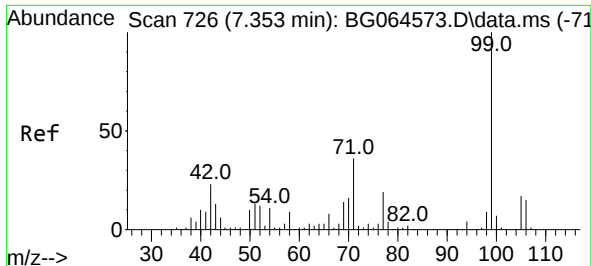
Supervised By :Jagrut Upadhyay 11/06/2025



#6
Aniline
Concen: 40.080 ng
RT: 7.520 min Scan# 754
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Tgt Ion: 93 Resp: 156363
Ion Ratio Lower Upper
93 100
66 48.0 37.0 55.6
65 22.7 18.3 27.5





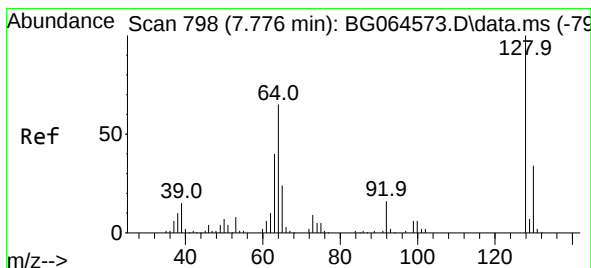
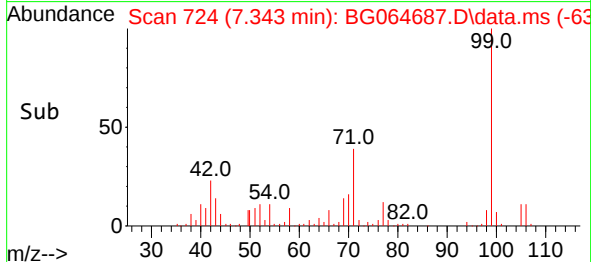
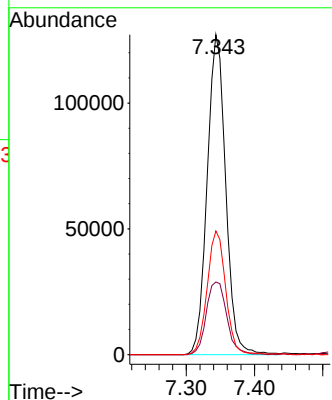
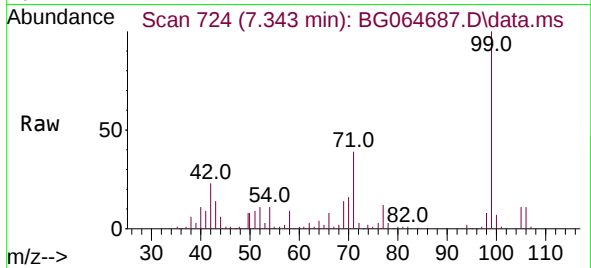
#7
Phenol-d6
Concen: 83.605 ng
RT: 7.343 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 239699
Ion Ratio Lower Upper
99 100
42 22.7 18.3 27.5
71 38.6 28.6 43.0

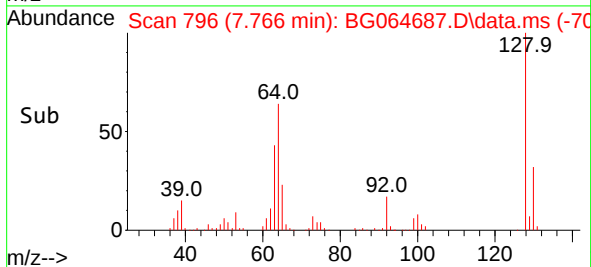
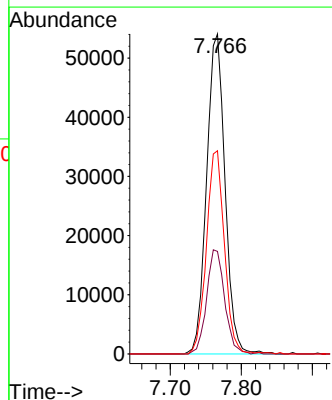
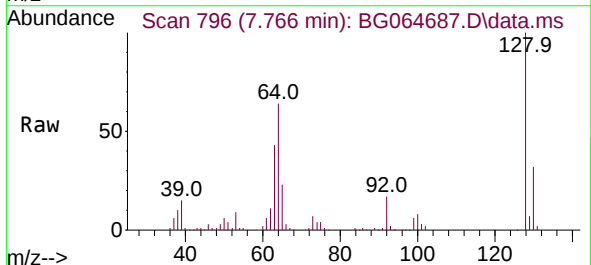
Manual Integrations
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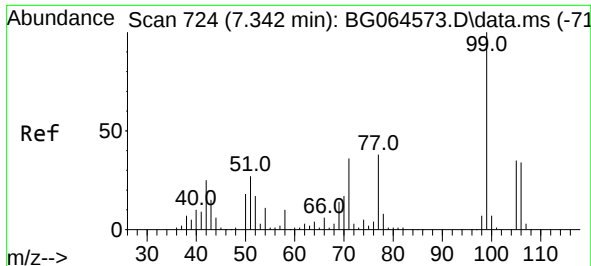
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#8
2-Chlorophenol
Concen: 44.328 ng
RT: 7.766 min Scan# 796
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

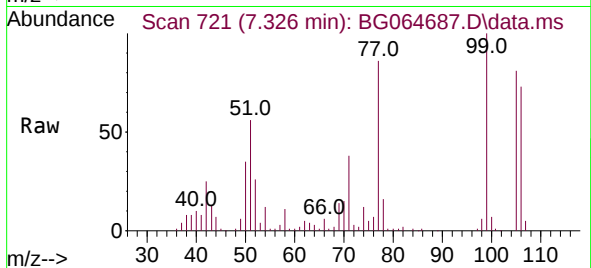
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Ion Ratio Lower Upper
128 100
130 32.0 13.5 53.5
64 63.5 45.2 85.2





#9
Benzaldehyde
Concen: 40.320 ng
RT: 7.326 min Scan# 721
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

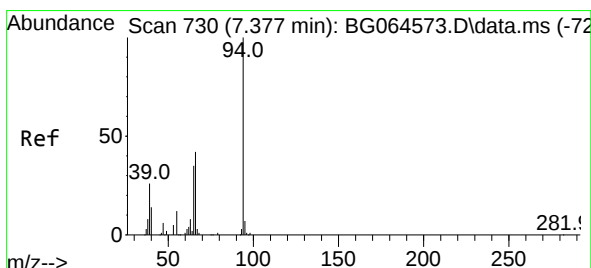
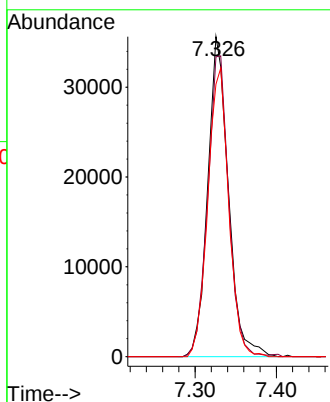
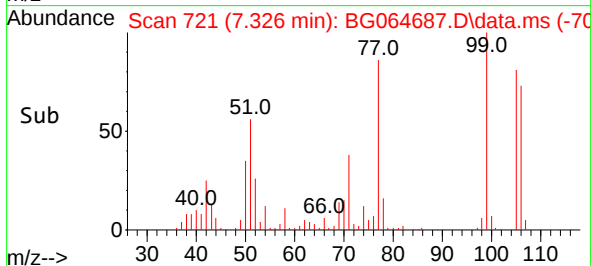
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



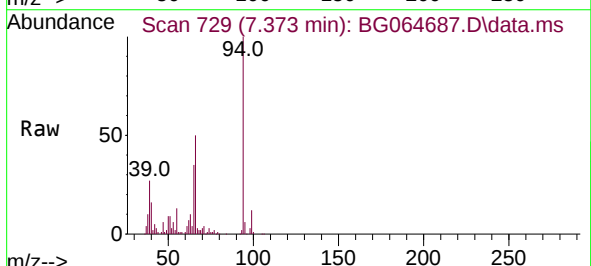
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Ion Ratio Lower Upper
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105 93.7 72.9 112.9
106 85.1 70.8 110.8

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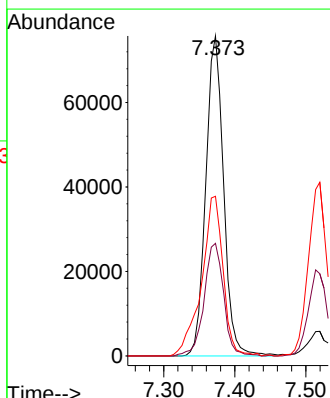
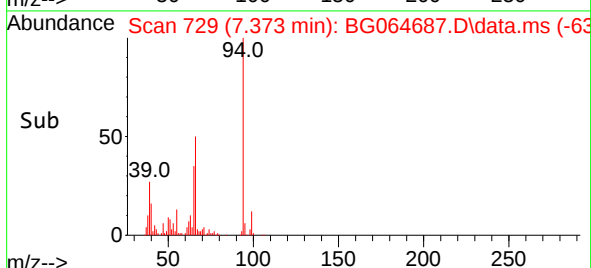
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#10
Phenol
Concen: 41.484 ng
RT: 7.373 min Scan# 729
Delta R.T. -0.004 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59



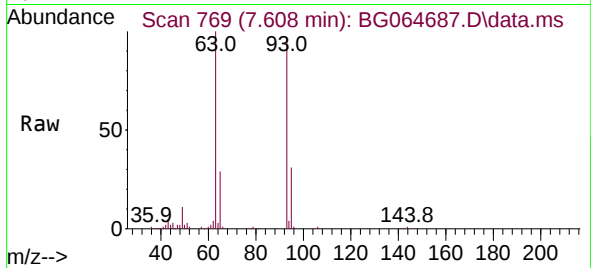
Tgt Ion: 94 Resp: 131535
Ion Ratio Lower Upper
94 100
65 35.2 15.8 55.8
66 49.9 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 40.610 ng
RT: 7.608 min Scan# 769
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

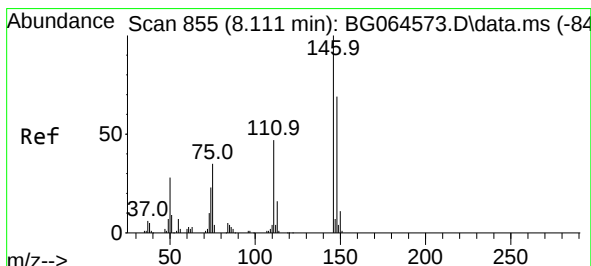
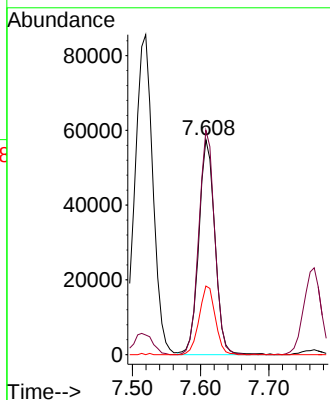
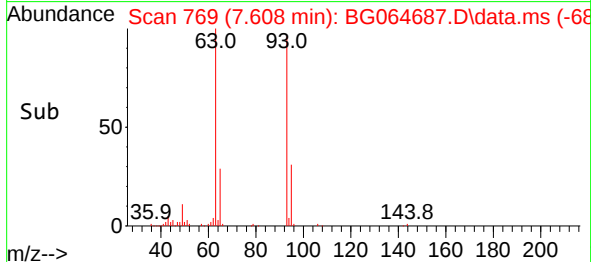
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 94670
Ion Ratio Lower Upper
93 100
63 104.4 91.3 131.3
95 31.9 13.3 53.3

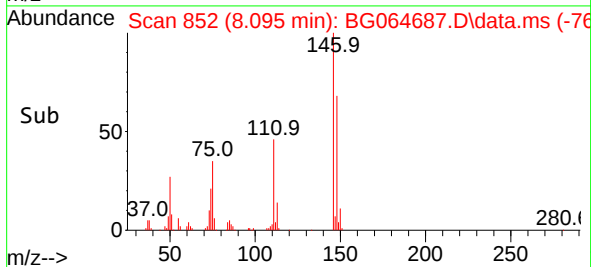
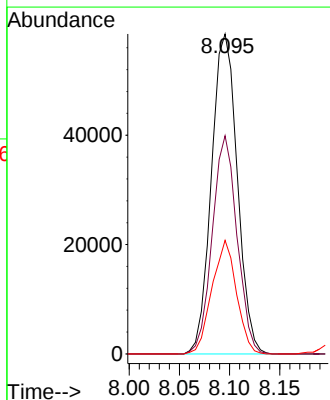
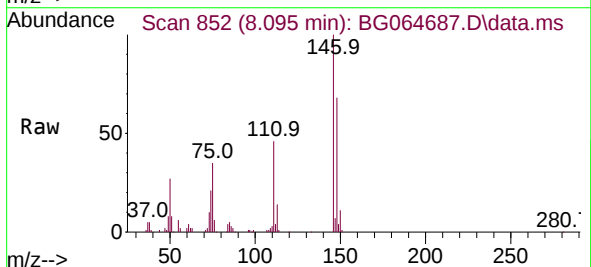
Manual Integrations
APPROVED

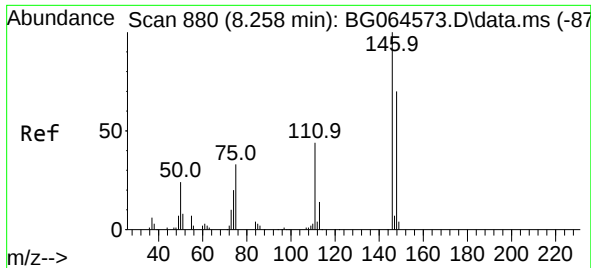
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#12
1,3-Dichlorobenzene
Concen: 41.652 ng
RT: 8.095 min Scan# 852
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Tgt Ion:146 Resp: 104841
Ion Ratio Lower Upper
146 100
148 68.2 55.3 82.9
75 35.5 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 41.853 ng
RT: 8.242 min Scan# 811
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

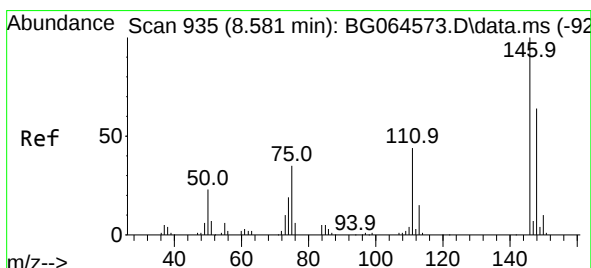
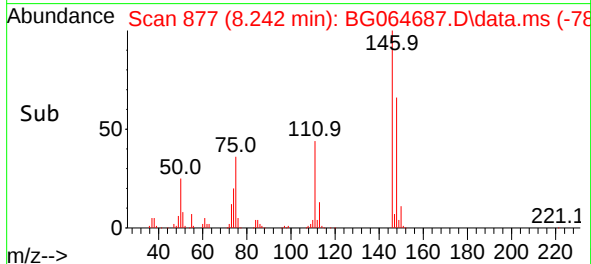
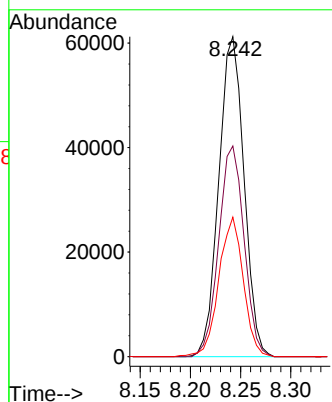
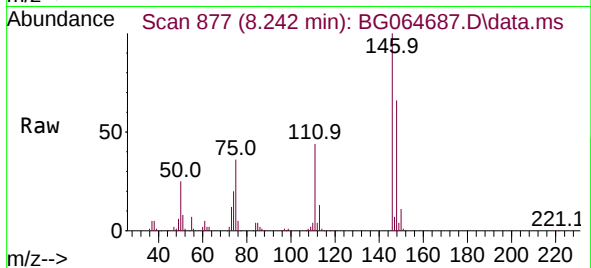
SSTDCCC040

Tgt Ion:146 Resp: 107119
Ion Ratio Lower Upper
146 100
148 65.8 56.2 84.4
111 43.6 35.4 53.0

Manual Integrations

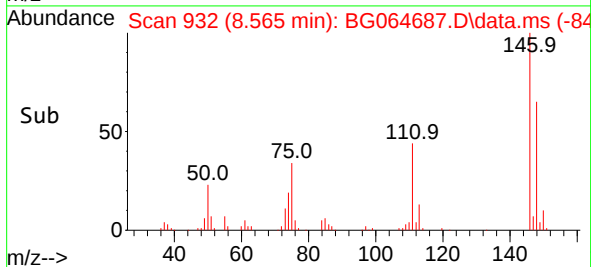
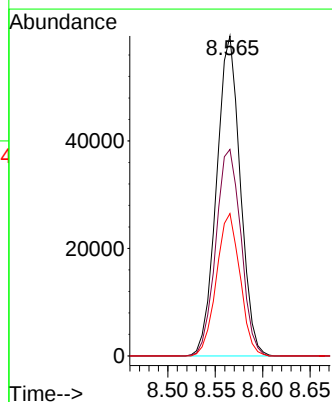
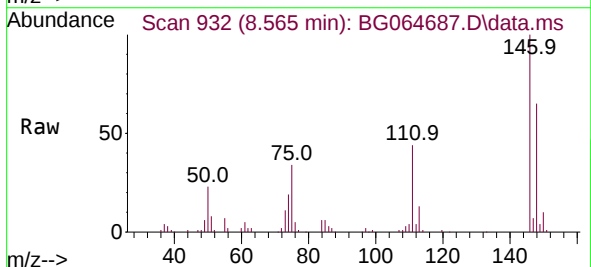
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 41.896 ng
RT: 8.565 min Scan# 932
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

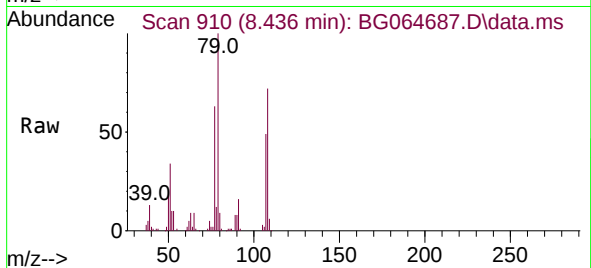
Tgt Ion:146 Resp: 103426
Ion Ratio Lower Upper
146 100
148 64.5 51.5 77.3
111 44.5 35.0 52.6





#15
Benzyl Alcohol
Concen: 43.911 ng
RT: 8.436 min Scan# 912
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

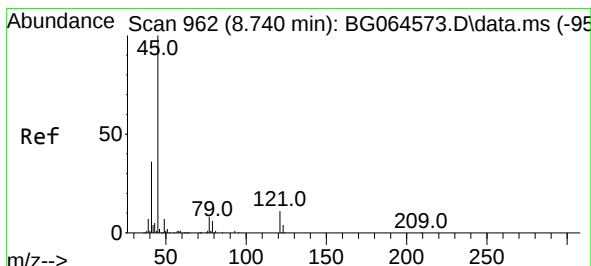
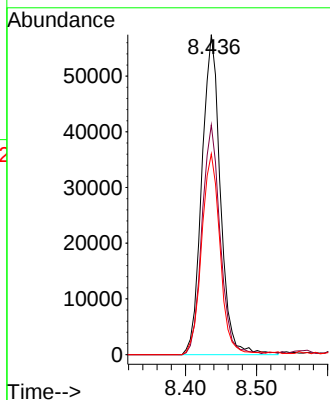
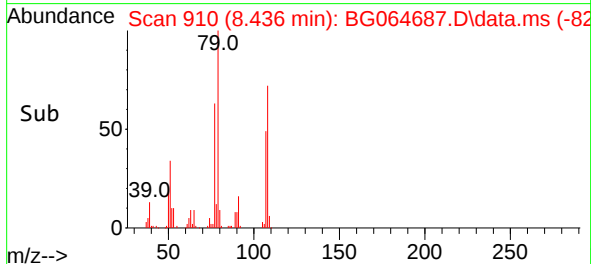
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 103816
Ion Ratio Lower Upper
79 100
108 71.8 58.1 87.1
77 62.7 52.8 79.2

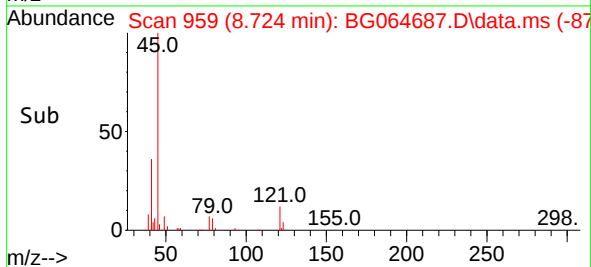
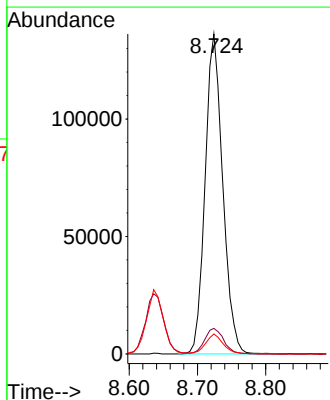
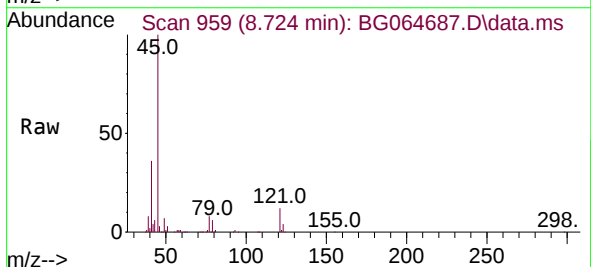
Manual Integrations
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Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.850 ng
RT: 8.724 min Scan# 959
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

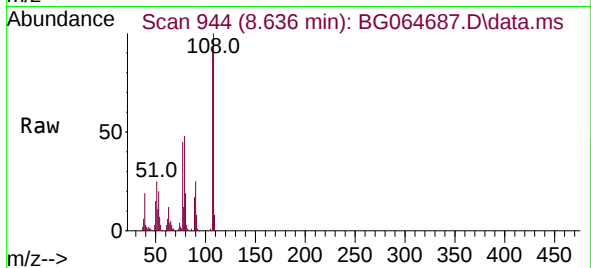
Tgt Ion: 45 Resp: 243679
Ion Ratio Lower Upper
45 100
77 8.0 0.0 28.5
79 6.2 0.0 25.6





#17
2-Methylphenol
Concen: 43.785 ng
RT: 8.636 min Scan# 947
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

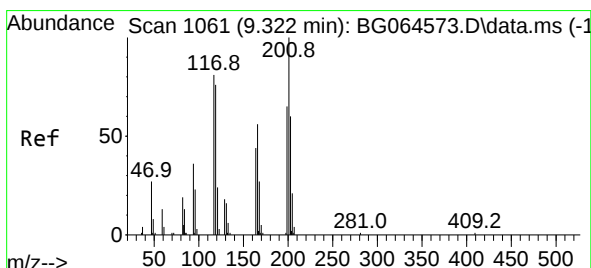
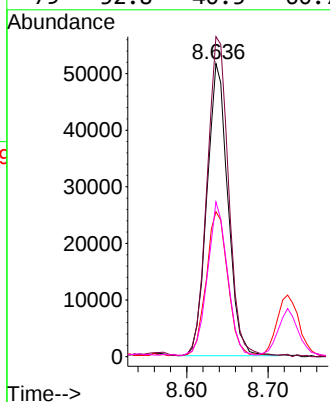
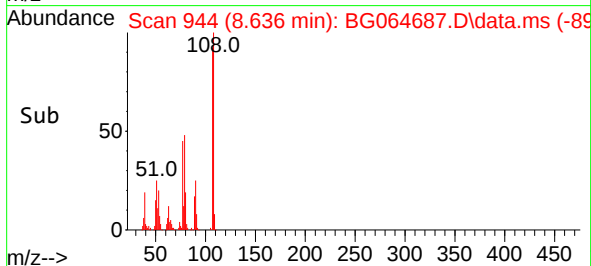


Tgt Ion:107 Resp: 92175

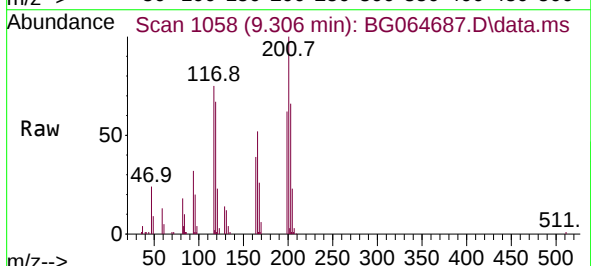
Ion	Ratio	Lower	Upper
107	100		
108	109.2	90.0	135.0
77	49.5	37.8	56.8
79	52.8	40.5	60.7

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

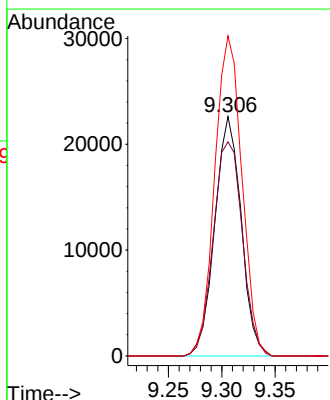
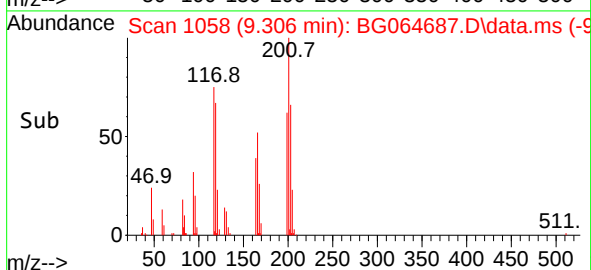


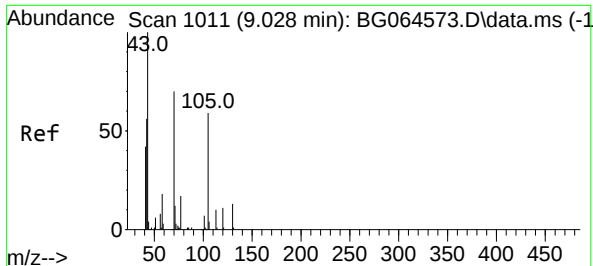
#18
Hexachloroethane
Concen: 43.379 ng
RT: 9.306 min Scan# 1058
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59



Tgt Ion:117 Resp: 38961

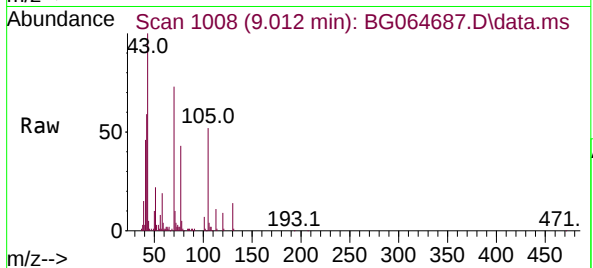
Ion	Ratio	Lower	Upper
117	100		
119	89.4	75.4	113.2
201	137.5	99.2	148.8





#19
n-Nitroso-di-n-propylamine
Concen: 44.205 ng
RT: 9.012 min Scan# 10
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

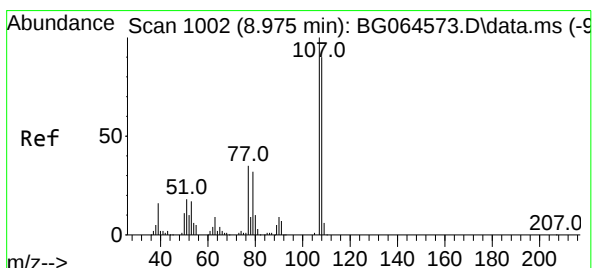
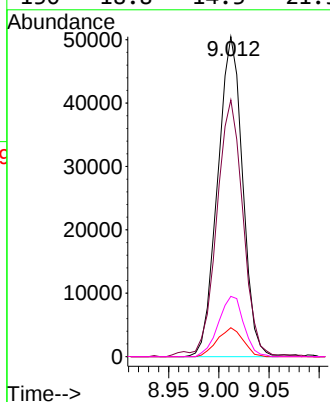
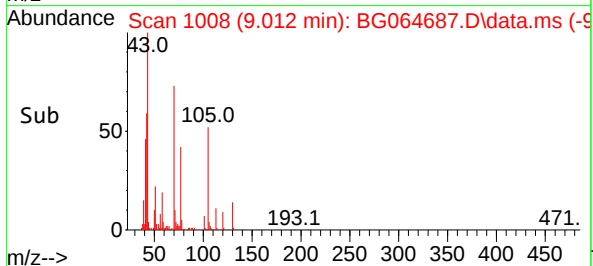
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 87588
Ion Ratio Lower Upper
70 100
42 80.2 65.2 97.8
101 9.0 7.9 11.9
130 18.8 14.3 21.5

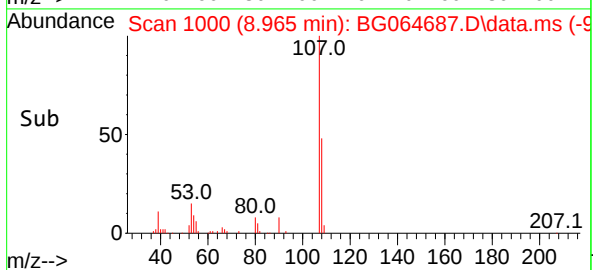
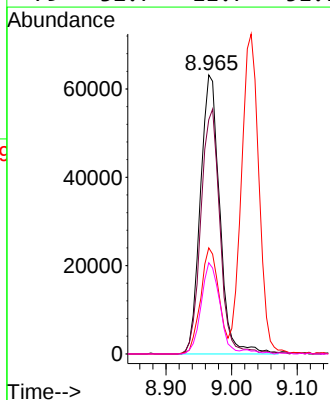
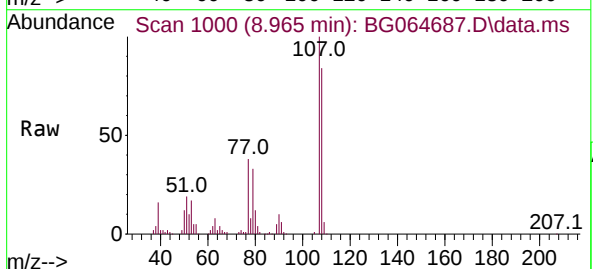
Manual Integrations
APPROVED

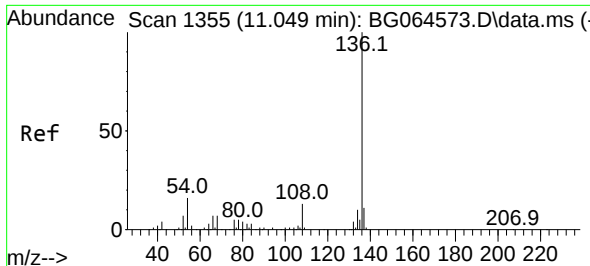
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#20
3+4-Methylphenols
Concen: 43.646 ng
RT: 8.965 min Scan# 1000
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Tgt Ion:107 Resp: 129216
Ion Ratio Lower Upper
107 100
108 84.0 70.3 110.3
77 38.0 14.6 54.6
79 32.7 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.027 min Scan# 1355
Delta R.T. -0.022 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

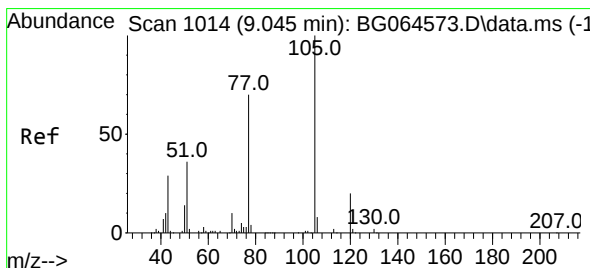
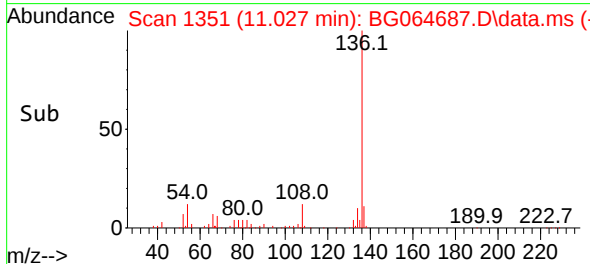
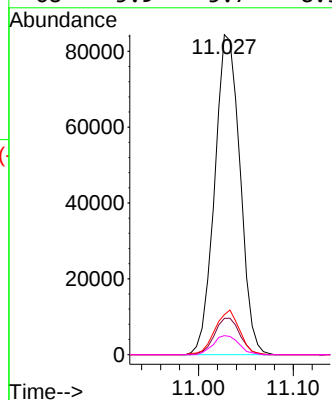
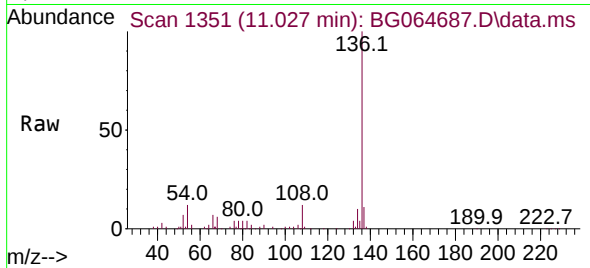
SSTDCCC040

Tgt Ion:136 Resp: 156662
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 12.5 12.6 19.0
68 5.9 5.7 8.5

Manual Integrations

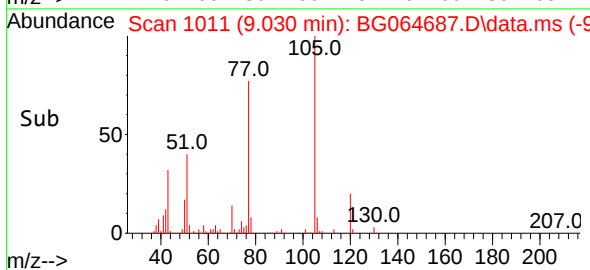
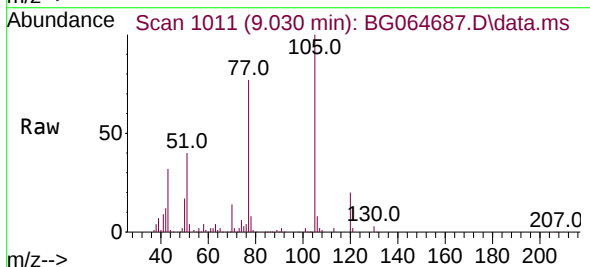
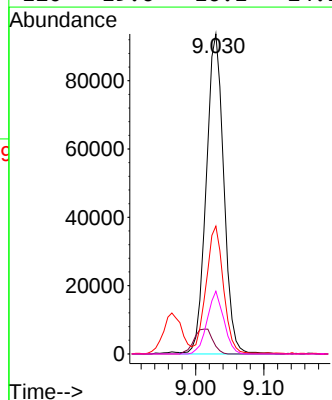
APPROVED

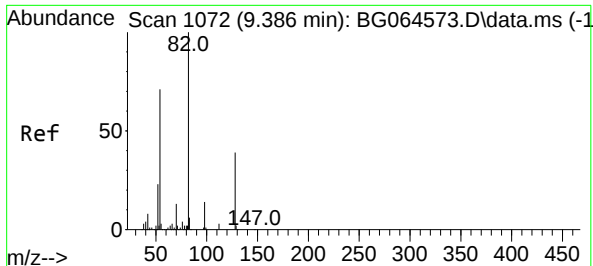
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#22
Acetophenone
Concen: 38.989 ng
RT: 9.030 min Scan# 1011
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Tgt Ion:105 Resp: 166969
Ion Ratio Lower Upper
105 100
71 2.4 1.5 2.3
51 39.9 33.7 50.5
120 19.6 16.1 24.1





#23

Nitrobenzene-d5

Concen: 96.751 ng

RT: 9.370 min Scan# 1069

Delta R.T. -0.016 min

Lab File: BG064687.D

Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 252356

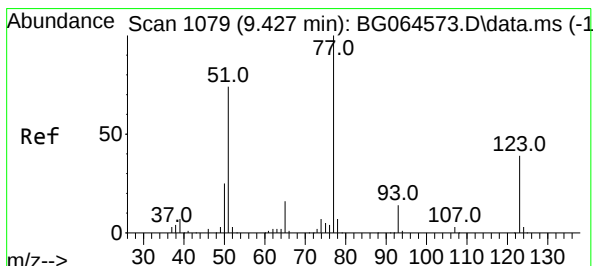
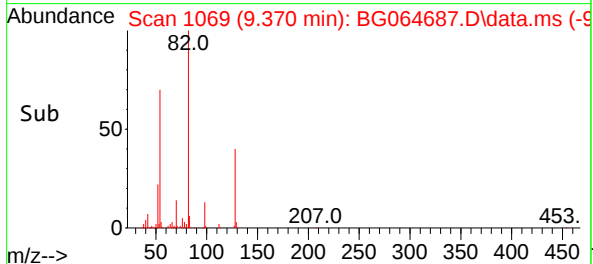
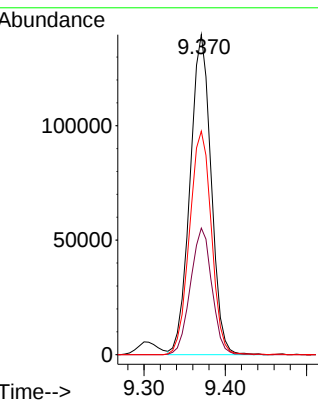
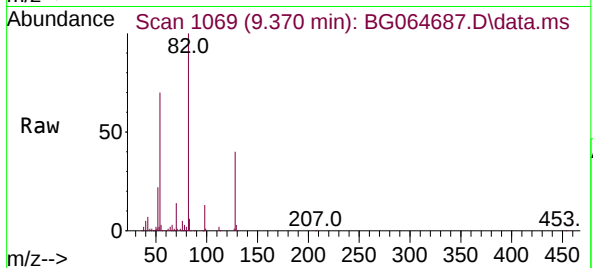
Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.3	46.9
54	69.8	56.6	84.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#24

Nitrobenzene

Concen: 46.085 ng

RT: 9.412 min Scan# 1076

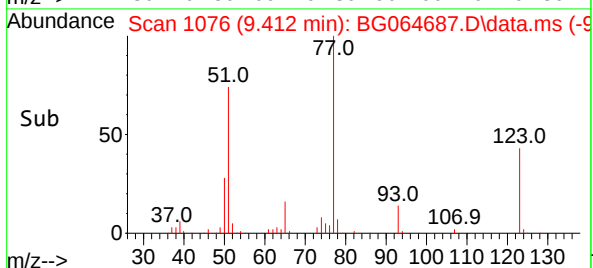
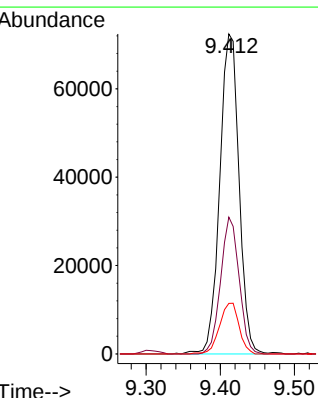
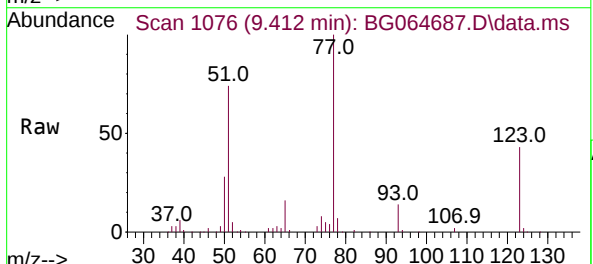
Delta R.T. -0.016 min

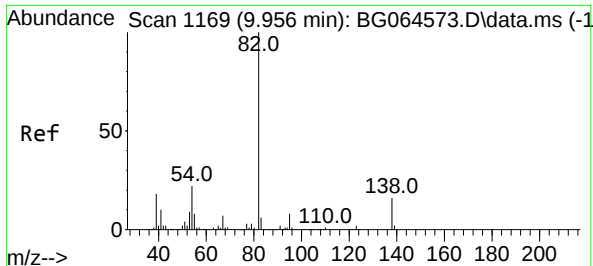
Lab File: BG064687.D

Acq: 5 Nov 2025 15:59

Tgt Ion: 77 Resp: 130742

Ion	Ratio	Lower	Upper
77	100		
123	42.7	31.0	46.6
65	15.8	12.7	19.1





#25
Isophorone
Concen: 41.841 ng
RT: 9.940 min Scan# 1166
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

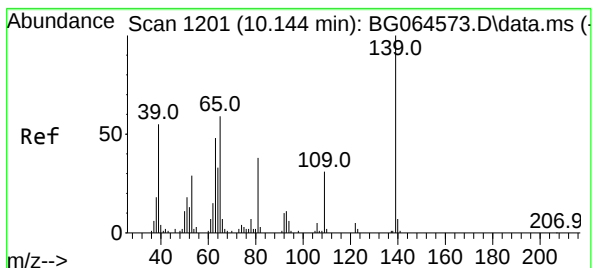
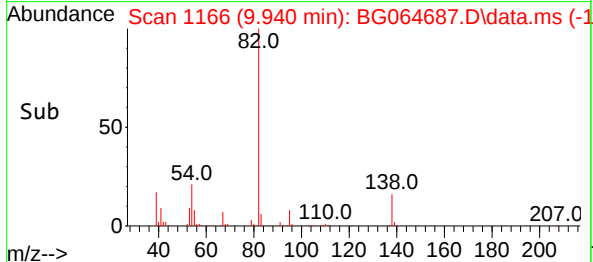
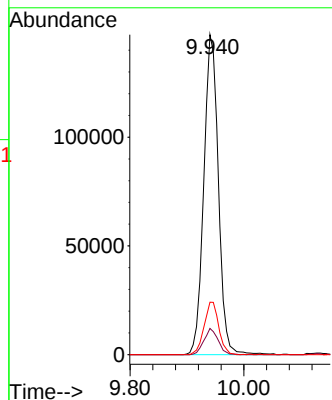
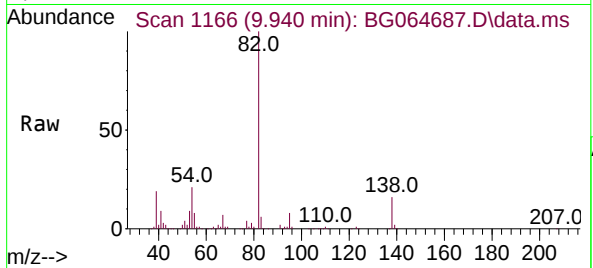
Tgt Ion: 82 Resp: 261873
Ion Ratio Lower Upper
82 100
95 8.2 6.1 9.1
138 16.4 13.0 19.4

Manual Integrations

APPROVED

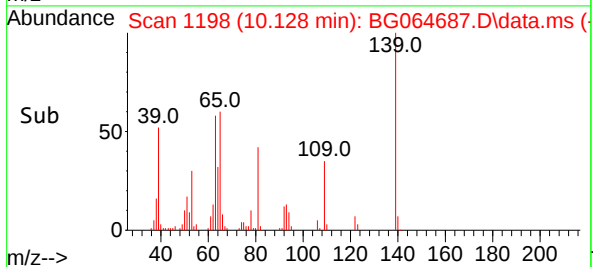
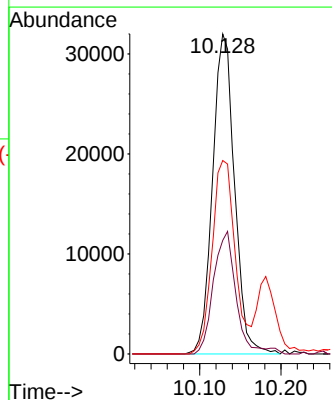
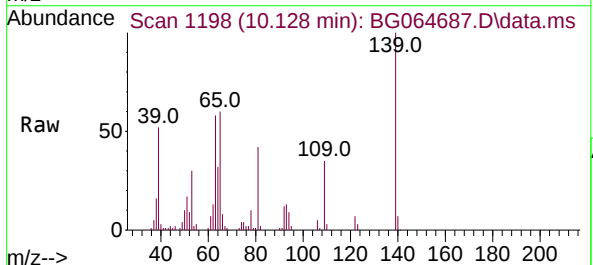
Reviewed By :Rahul Chavli 11/06/2025

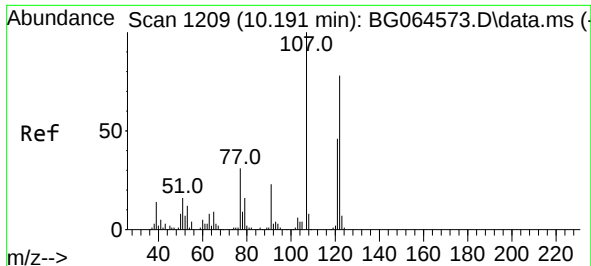
Supervised By :Jagrut Upadhyay 11/06/2025



#26
2-Nitrophenol
Concen: 54.485 ng
RT: 10.128 min Scan# 1198
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Tgt Ion:139 Resp: 60134
Ion Ratio Lower Upper
139 100
109 35.5 24.6 37.0
65 60.4 47.5 71.3





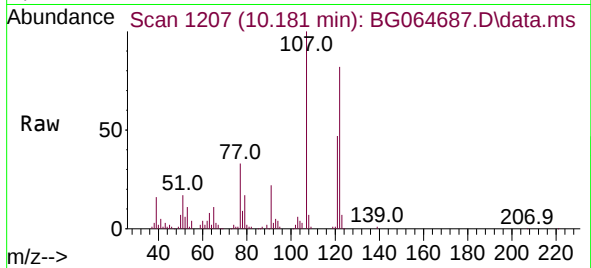
#27
2,4-Dimethylphenol
Concen: 41.692 ng
RT: 10.181 min Scan# 1207
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



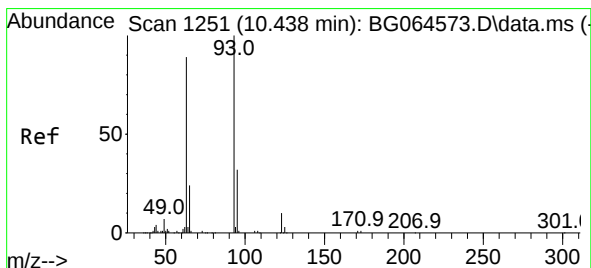
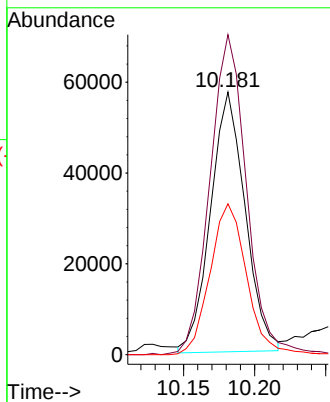
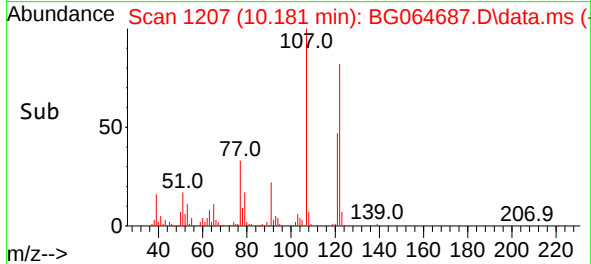
Tgt Ion:122 Resp: 97063
Ion Ratio Lower Upper
122 100
107 121.9 103.0 154.4
121 57.5 47.8 71.8

Manual Integrations

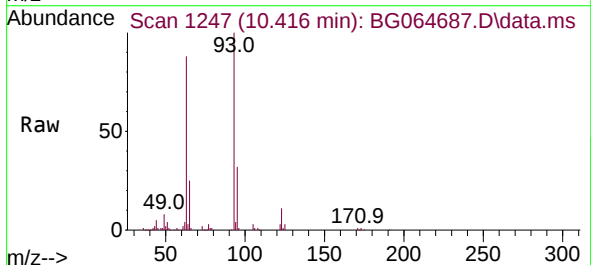
APPROVED

Reviewed By :Rahul Chavli 11/06/2025

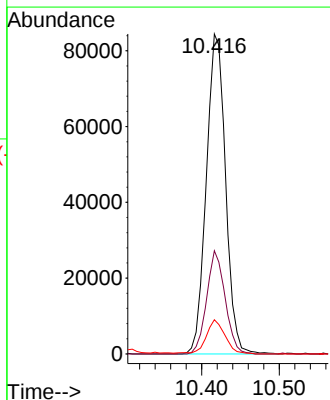
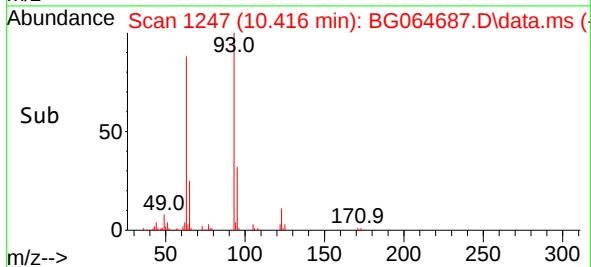
Supervised By :Jagrut Upadhyay 11/06/2025

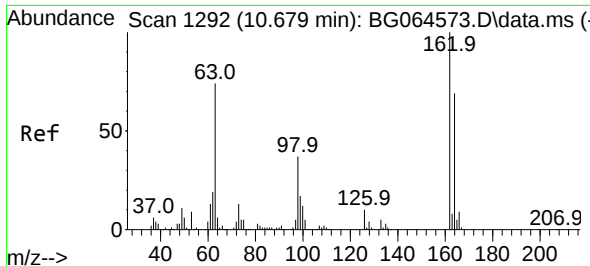


#28
bis(2-Chloroethoxy)methane
Concen: 40.847 ng
RT: 10.416 min Scan# 1247
Delta R.T. -0.022 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59



Tgt Ion: 93 Resp: 145558
Ion Ratio Lower Upper
93 100
95 32.2 25.4 38.2
123 10.7 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 46.147 ng

RT: 10.669 min Scan# 1290

Delta R.T. -0.010 min

Lab File: BG064687.D

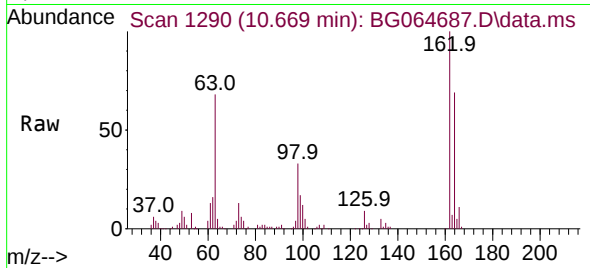
Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



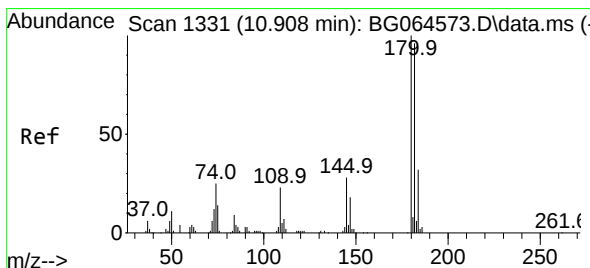
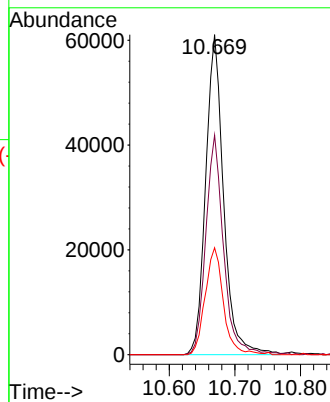
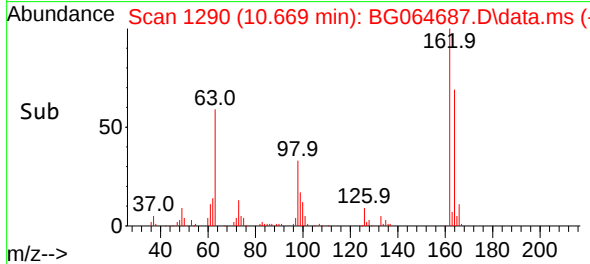
Tgt Ion:	162	Resp:	115620
Ion Ratio	Lower	Upper	
162	100		
164	68.6	48.7	88.7
98	33.4	16.9	56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.830 ng

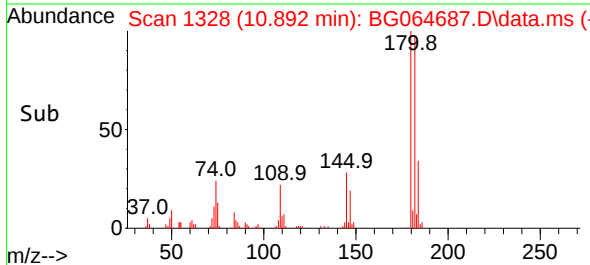
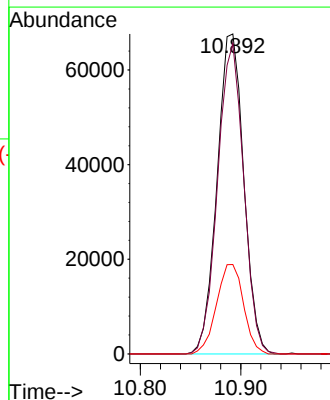
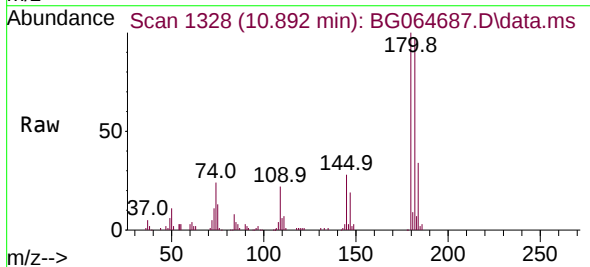
RT: 10.892 min Scan# 1328

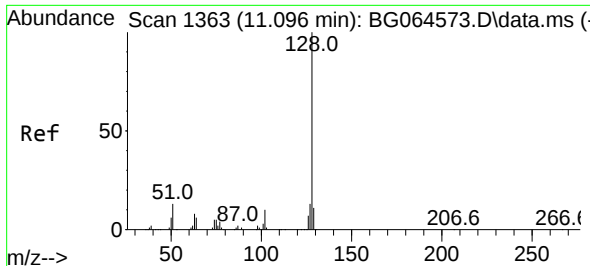
Delta R.T. -0.016 min

Lab File: BG064687.D

Acq: 5 Nov 2025 15:59

Tgt Ion:	180	Resp:	124771
Ion Ratio	Lower	Upper	
180	100		
182	97.0	76.9	115.3
145	27.9	22.1	33.1





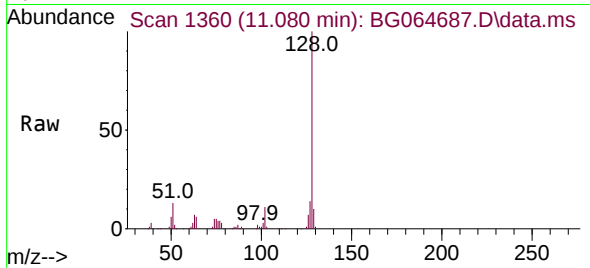
#31
Naphthalene
Concen: 41.885 ng
RT: 11.080 min Scan# 1363
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



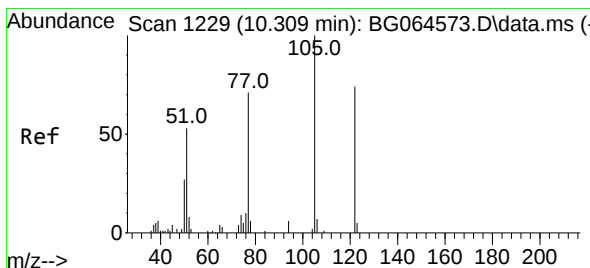
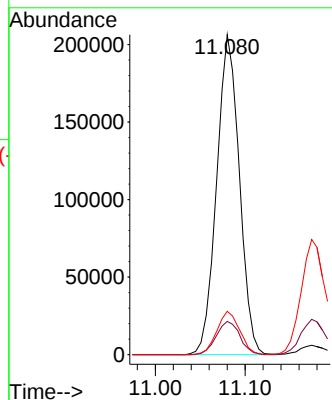
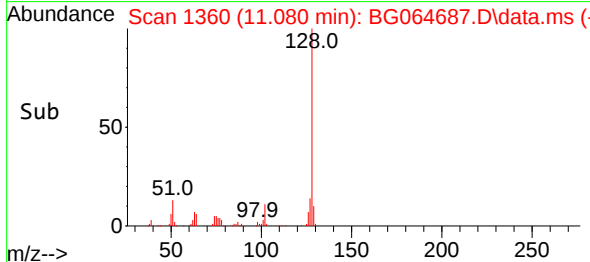
Tgt Ion:128 Resp: 363810
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.5 10.6 15.8

Manual Integrations

APPROVED

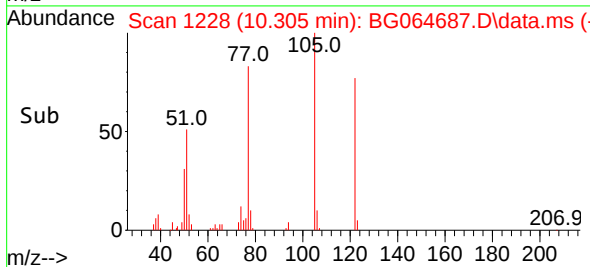
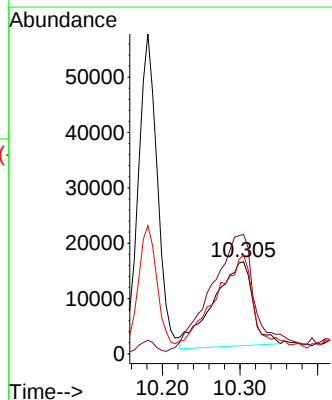
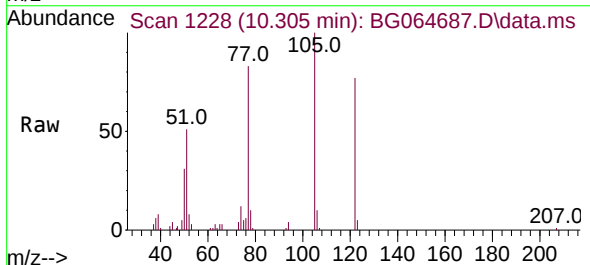
Reviewed By :Rahul Chavli 11/06/2025

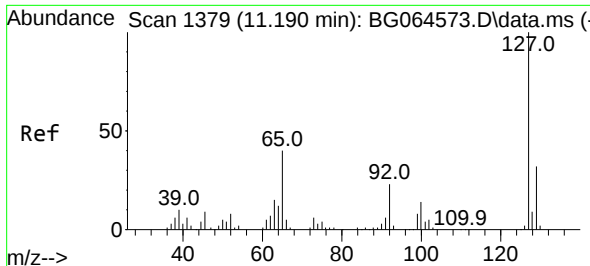
Supervised By :Jagrut Upadhyay 11/06/2025



#32
Benzoic acid
Concen: 32.288 ng
RT: 10.305 min Scan# 1228
Delta R.T. -0.004 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Tgt Ion:122 Resp: 53334
Ion Ratio Lower Upper
122 100
105 129.9 104.2 144.2
77 107.5 70.2 110.2





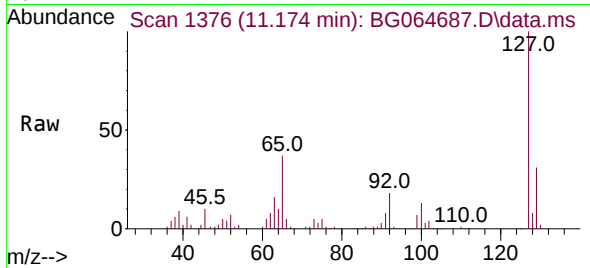
#33
4-Chloroaniline
Concen: 42.238 ng
RT: 11.174 min Scan# 1379
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

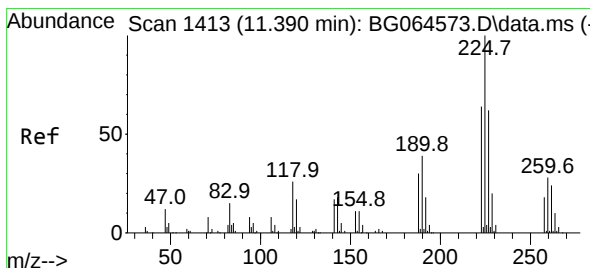
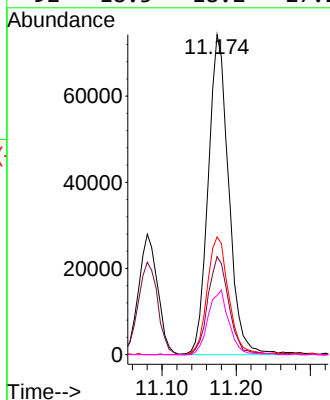
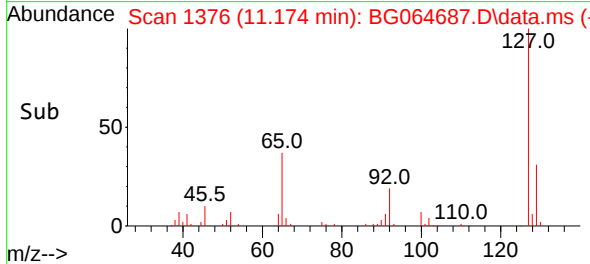


Tgt Ion:127 Resp: 142595
Ion Ratio Lower Upper
127 100
129 30.6 25.5 38.3
65 36.8 32.2 48.4
92 18.5 18.2 27.2

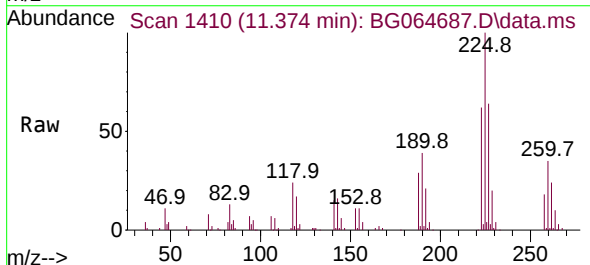
Manual Integrations

APPROVED

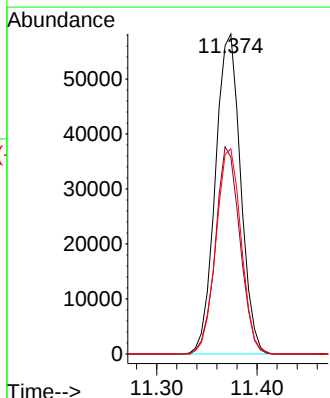
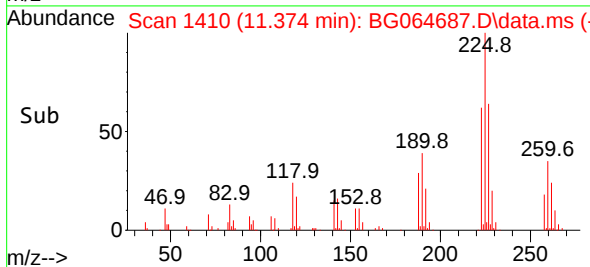
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

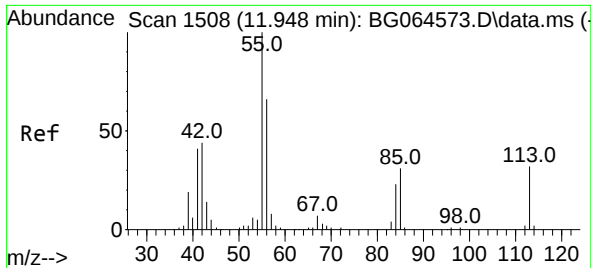


#34
Hexachlorobutadiene
Concen: 45.719 ng
RT: 11.374 min Scan# 1410
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59



Tgt Ion:225 Resp: 101784
Ion Ratio Lower Upper
225 100
223 58.9 48.8 73.2
227 64.3 49.5 74.3





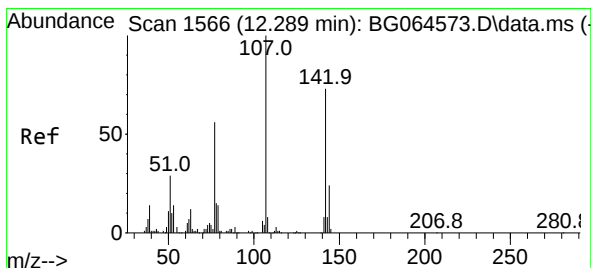
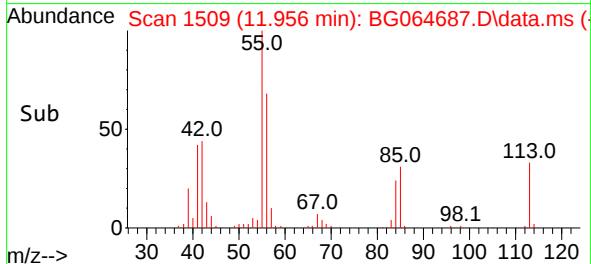
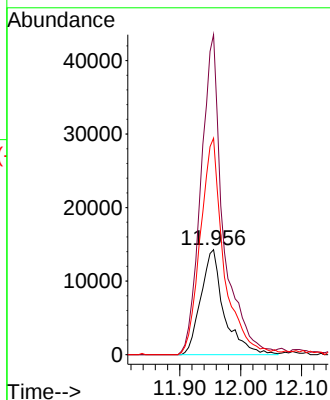
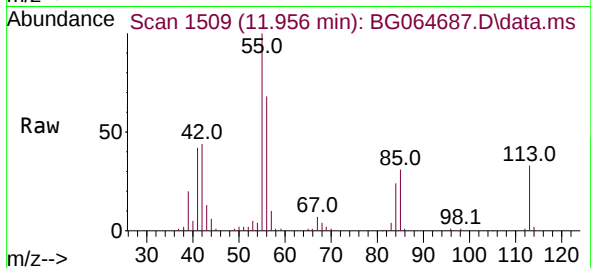
#35
 Caprolactam
 Concen: 39.449 ng
 RT: 11.956 min Scan# 1509
 Delta R.T. 0.008 min
 Lab File: BG064687.D
 Acq: 5 Nov 2025 15:59

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 37909
 Ion Ratio Lower Upper
 113 100
 55 305.0 290.1 330.1
 56 206.3 183.8 223.8

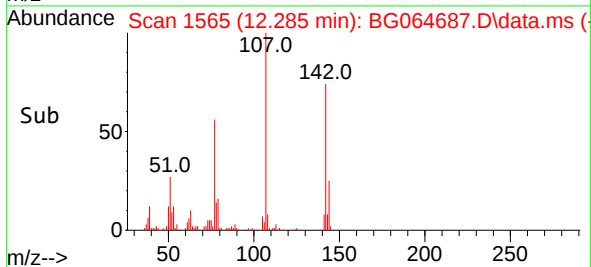
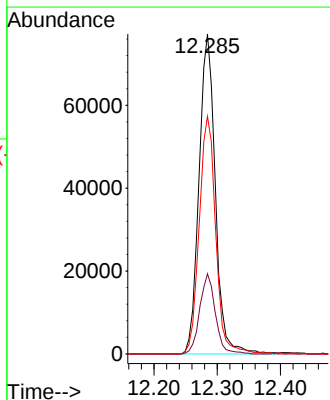
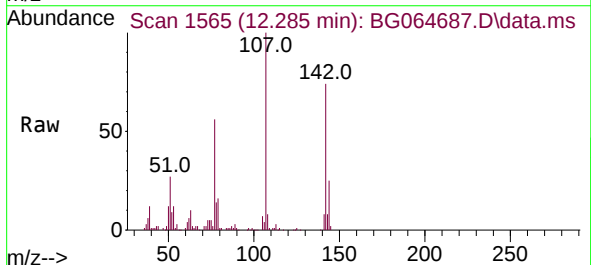
Manual Integrations
 APPROVED

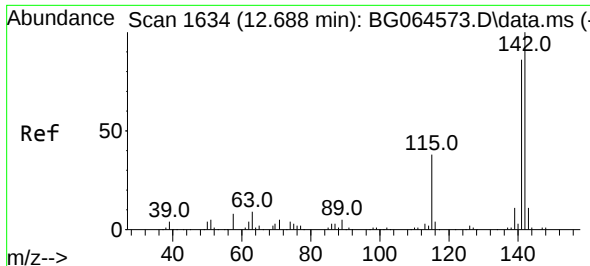
Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025



#36
 4-Chloro-3-methylphenol
 Concen: 45.938 ng
 RT: 12.285 min Scan# 1565
 Delta R.T. -0.004 min
 Lab File: BG064687.D
 Acq: 5 Nov 2025 15:59

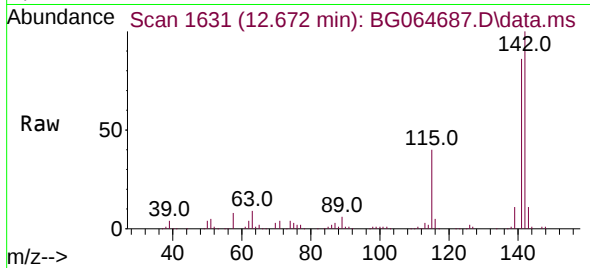
Tgt Ion:107 Resp: 138348
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.1 28.7
 142 74.2 58.6 87.8





#37
2-Methylnaphthalene
Concen: 42.394 ng
RT: 12.672 min Scan# 1631
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

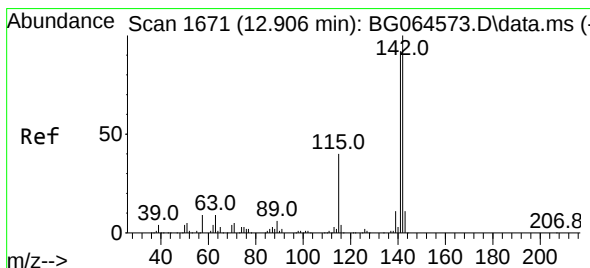
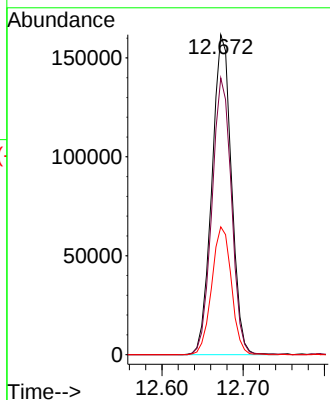
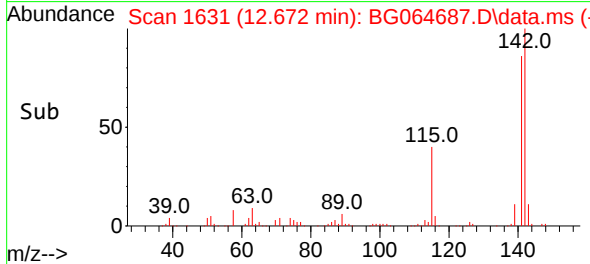
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



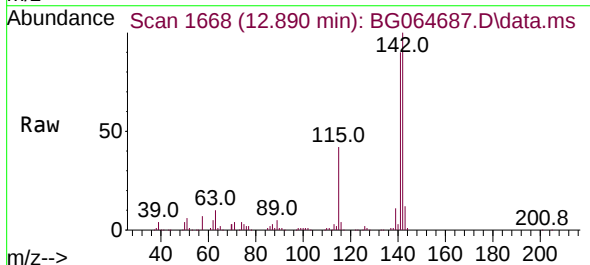
Tgt Ion:142 Resp: 270347
Ion Ratio Lower Upper
142 100
141 86.5 68.9 103.3
115 39.9 30.6 46.0

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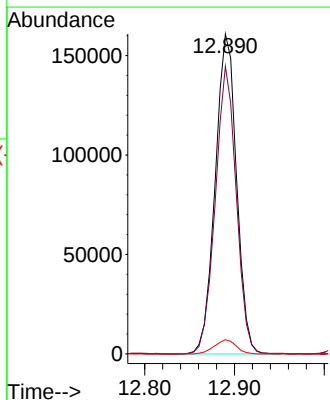
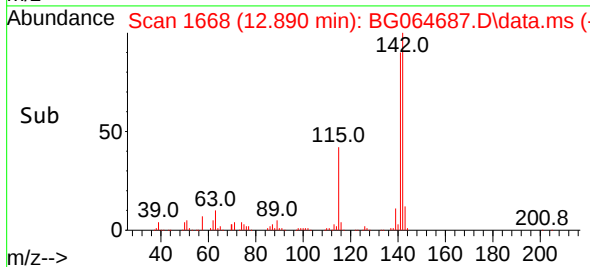
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

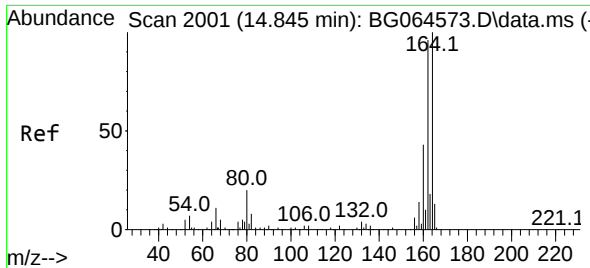


#38
1-Methylnaphthalene
Concen: 42.035 ng
RT: 12.890 min Scan# 1668
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59



Tgt Ion:142 Resp: 265369
Ion Ratio Lower Upper
142 100
141 89.9 73.3 109.9
116 4.5 3.1 4.7





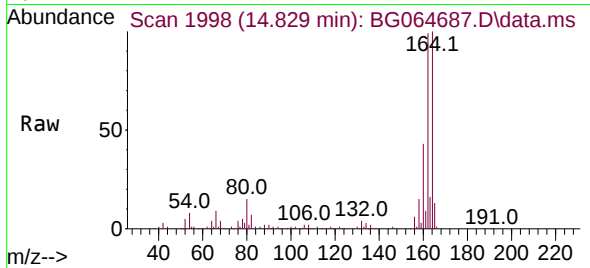
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.829 min Scan# 1998
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

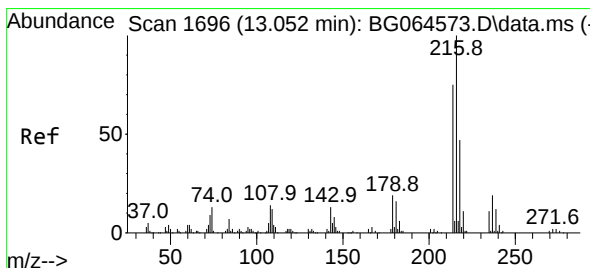
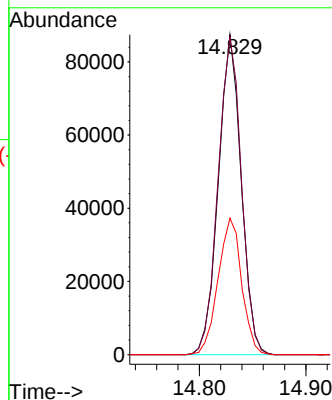
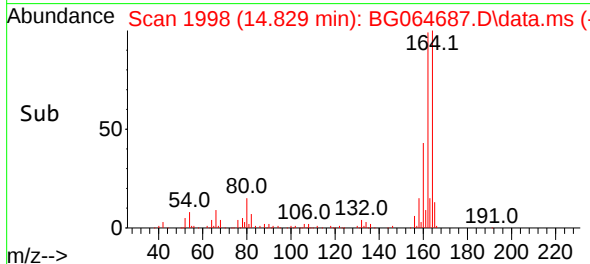


Tgt Ion:164 Resp: 130085
Ion Ratio Lower Upper
164 100
162 99.2 77.0 115.6
160 42.6 34.4 51.6

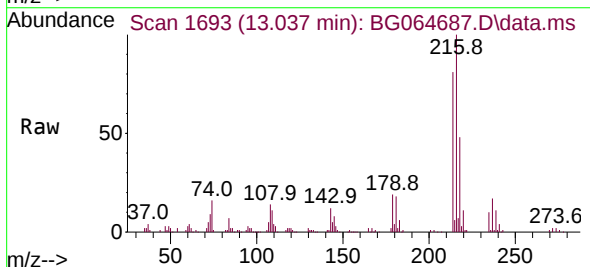
Manual Integrations

APPROVED

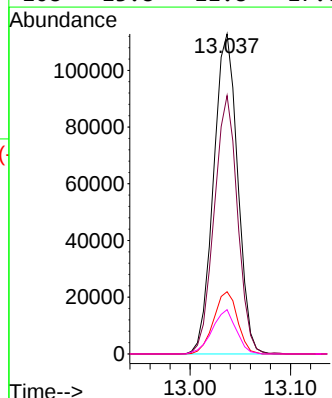
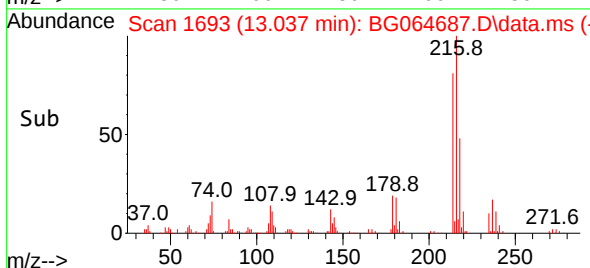
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

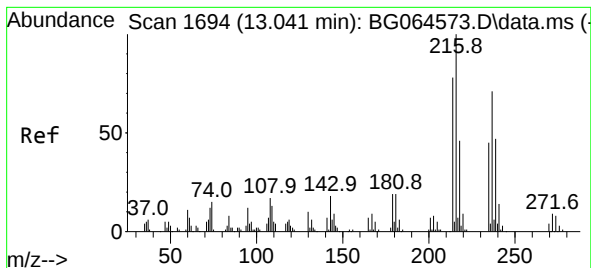


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.125 ng
RT: 13.037 min Scan# 1693
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59



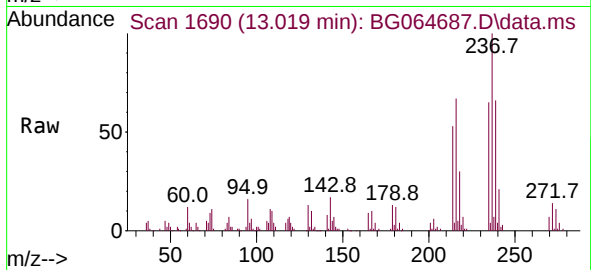
Tgt Ion:216 Resp: 188272
Ion Ratio Lower Upper
216 100
214 78.3 61.4 92.2
179 19.3 15.4 23.0
108 13.8 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 47.014 ng
RT: 13.019 min Scan# 1694
Delta R.T. -0.022 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

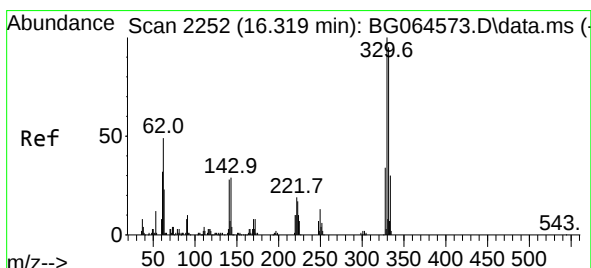
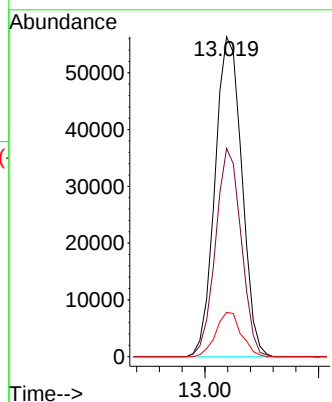
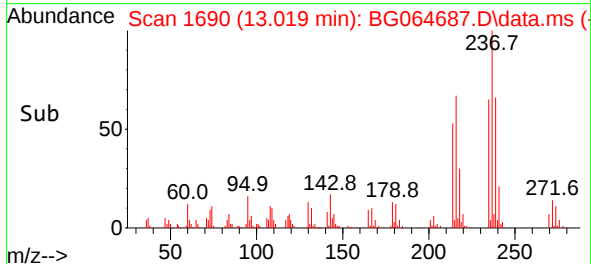
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:237 Resp: 92385
Ion Ratio Lower Upper
237 100
235 65.1 44.1 84.1
272 13.8 0.0 32.4

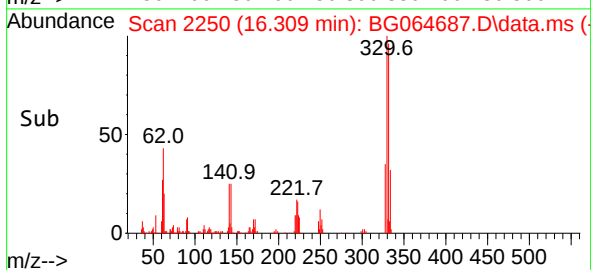
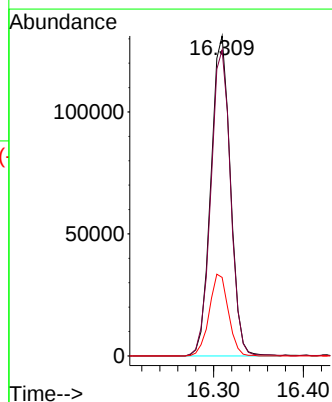
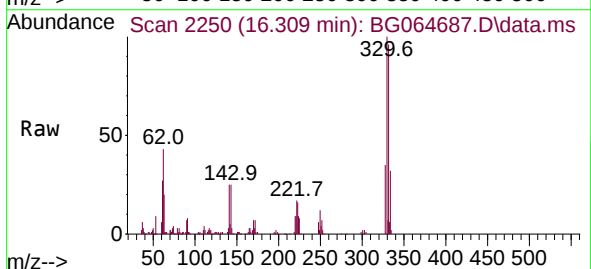
Manual Integrations
APPROVED

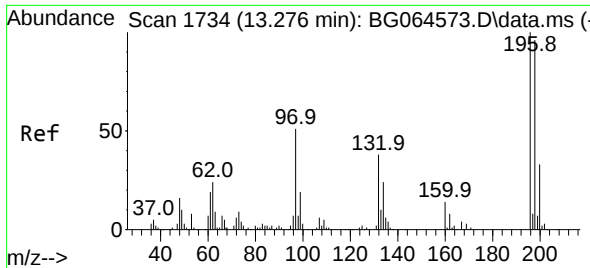
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#42
2,4,6-Tribromophenol
Concen: 104.997 ng
RT: 16.309 min Scan# 2250
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Tgt Ion:330 Resp: 197133
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 25.0 21.8 32.6





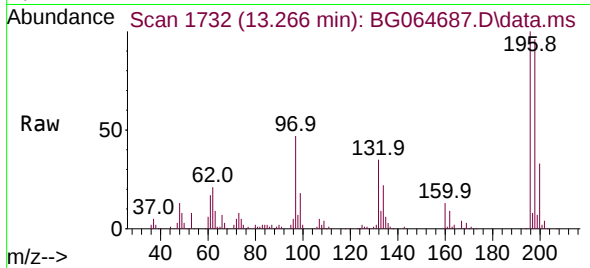
#43
2,4,6-Trichlorophenol
Concen: 48.013 ng
RT: 13.266 min Scan# 1732
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



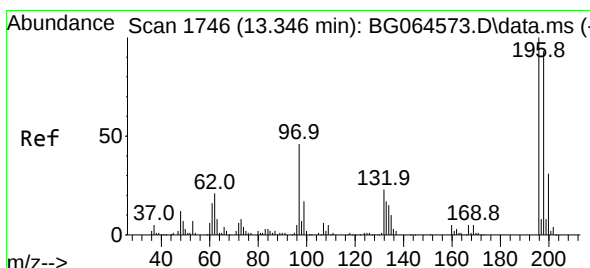
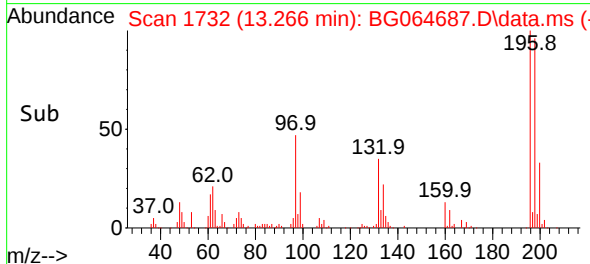
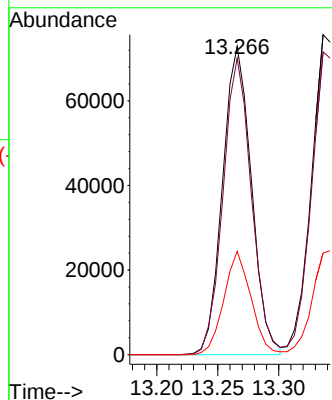
Tgt Ion:196 Resp: 119900
Ion Ratio Lower Upper
196 100
198 96.1 76.6 115.0
200 33.5 26.0 39.0

Manual Integrations

APPROVED

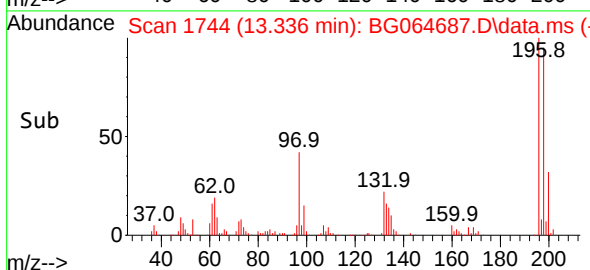
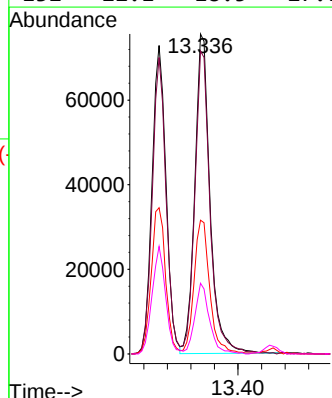
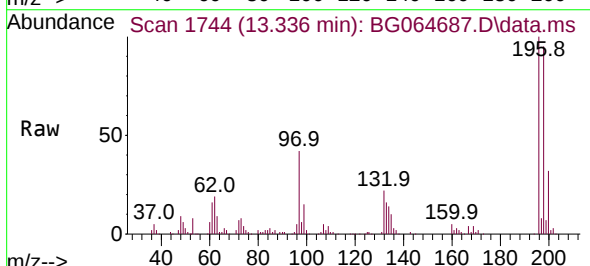
Reviewed By :Rahul Chavli 11/06/2025

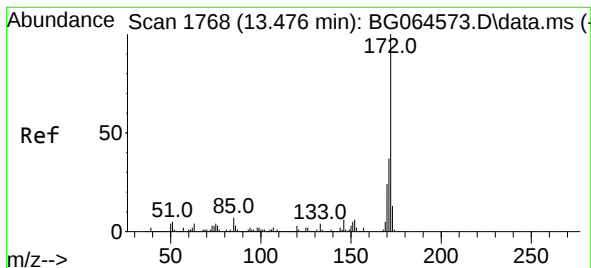
Supervised By :Jagrut Upadhyay 11/06/2025



#44
2,4,5-Trichlorophenol
Concen: 47.256 ng
RT: 13.336 min Scan# 1744
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Tgt Ion:196 Resp: 136184
Ion Ratio Lower Upper
196 100
198 94.6 74.2 111.4
97 41.8 37.0 55.6
132 22.1 18.5 27.7





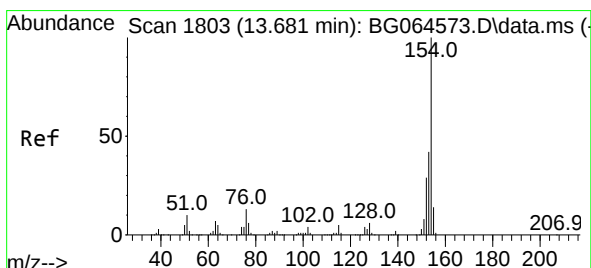
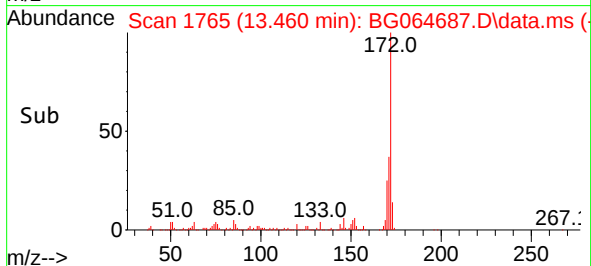
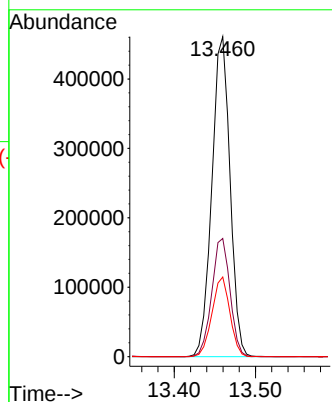
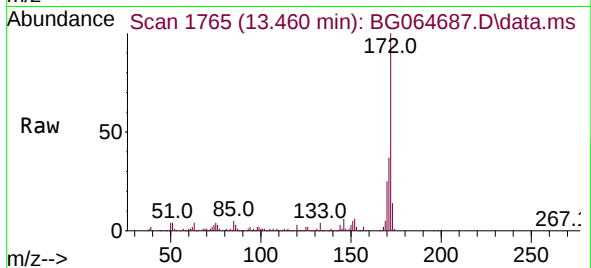
#45
2-Fluorobiphenyl
Concen: 83.384 ng
RT: 13.460 min Scan# 1768
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 715618
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 24.9 19.1 28.7

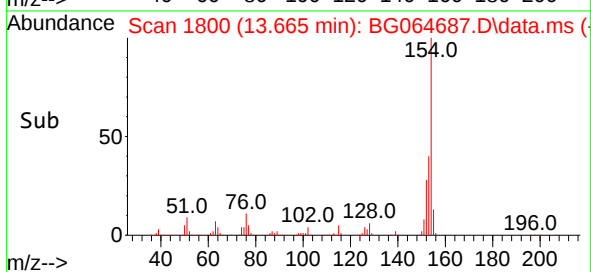
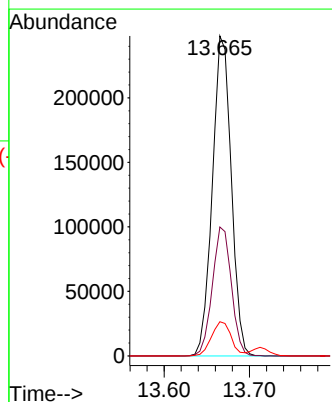
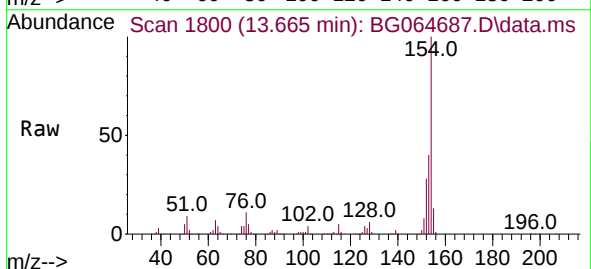
Manual Integrations
APPROVED

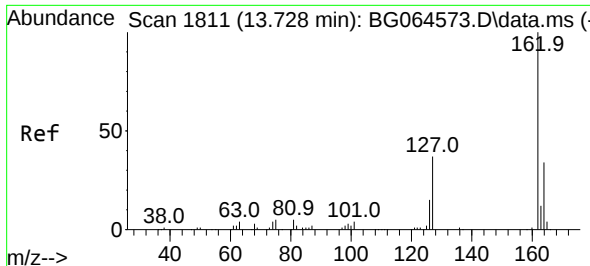
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#46
1,1'-Biphenyl
Concen: 41.208 ng
RT: 13.665 min Scan# 1800
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Tgt Ion:154 Resp: 381100
Ion Ratio Lower Upper
154 100
153 40.3 22.4 62.4
76 10.7 0.0 33.5





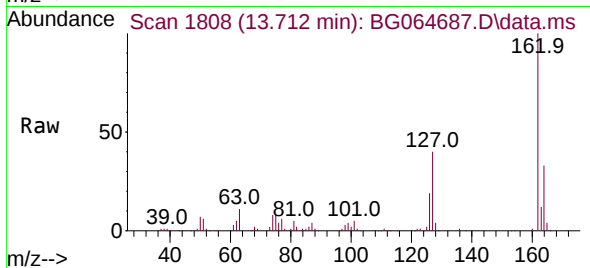
#47
2-Chloronaphthalene
Concen: 41.855 ng
RT: 13.712 min Scan# 1808
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



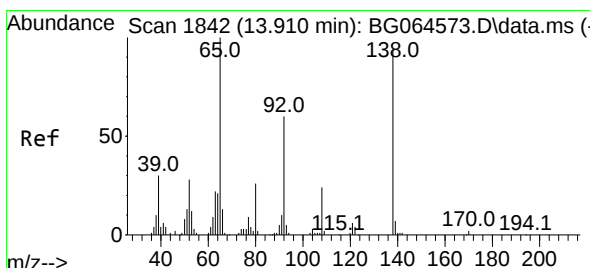
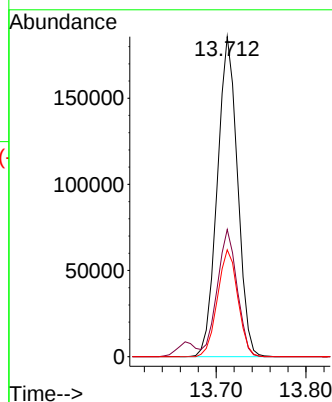
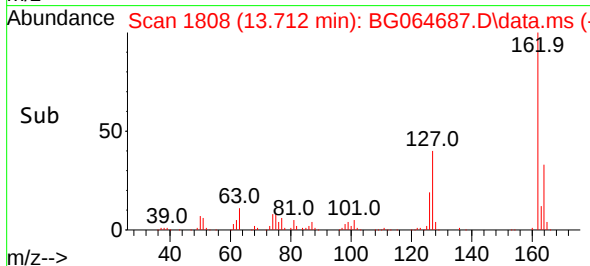
Tgt Ion:162 Resp: 292183
Ion Ratio Lower Upper
162 100
127 39.7 32.2 48.2
164 33.4 27.5 41.3

Manual Integrations

APPROVED

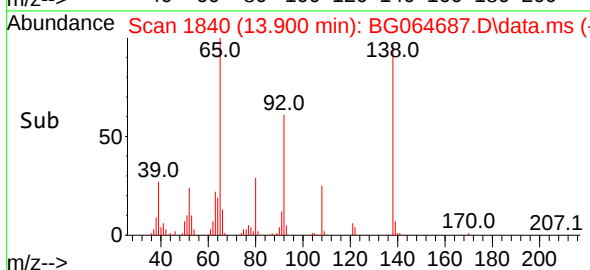
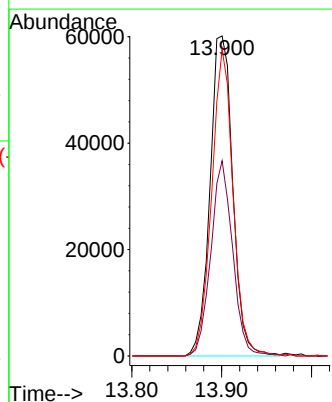
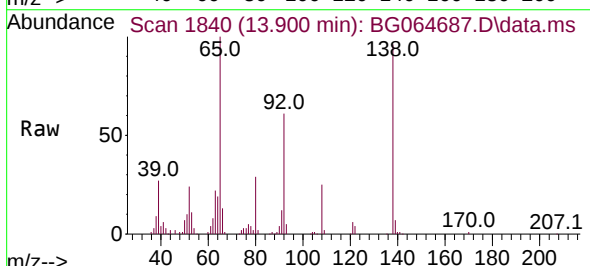
Reviewed By :Rahul Chavli 11/06/2025

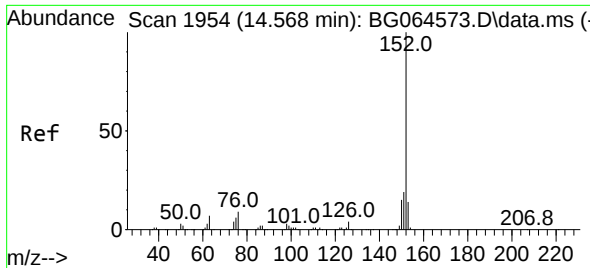
Supervised By :Jagrut Upadhyay 11/06/2025



#48
2-Nitroaniline
Concen: 45.449 ng
RT: 13.900 min Scan# 1840
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

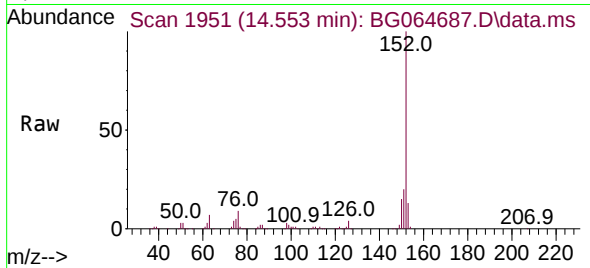
Tgt Ion: 65 Resp: 106080
Ion Ratio Lower Upper
65 100
92 61.0 48.3 72.5
138 95.8 74.9 112.3





#49
Acenaphthylene
Concen: 41.414 ng
RT: 14.553 min Scan# 1954
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

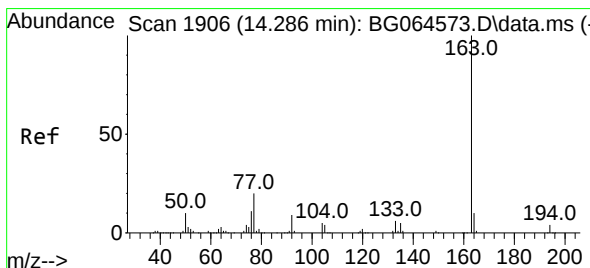
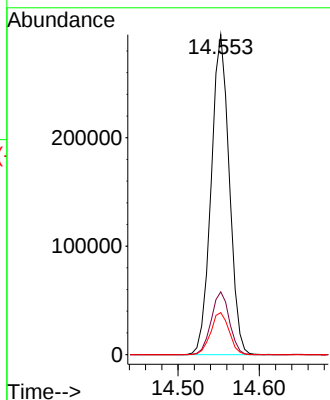
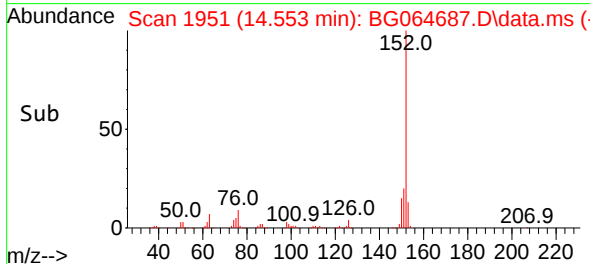
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



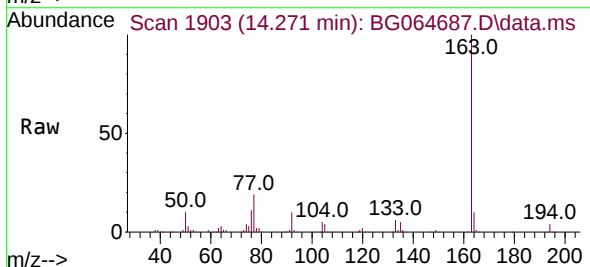
Tgt Ion:152 Resp: 456004
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.2
153 13.2 11.0 16.4

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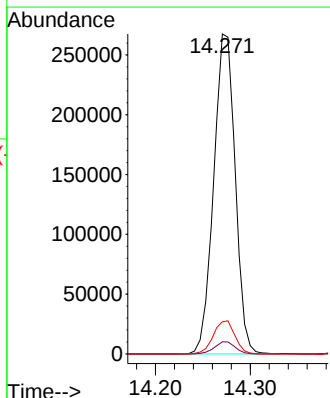
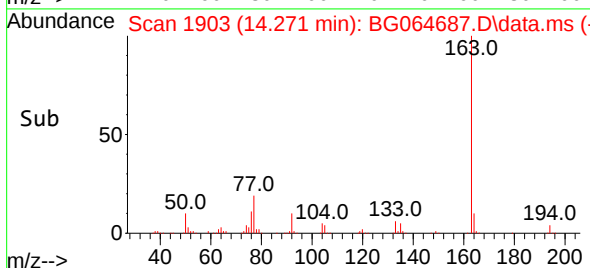
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

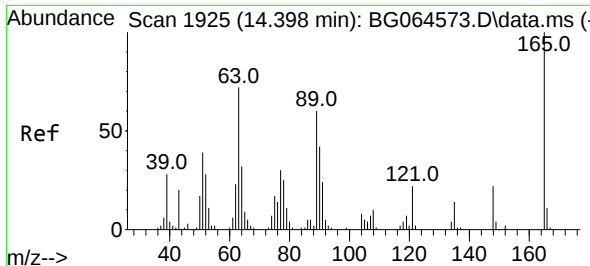


#50
Dimethylphthalate
Concen: 42.338 ng
RT: 14.271 min Scan# 1903
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59



Tgt Ion:163 Resp: 421438
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.0 7.7 11.5





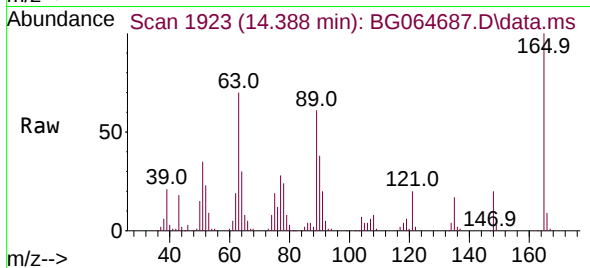
#51
2,6-Dinitrotoluene
Concen: 49.483 ng
RT: 14.388 min Scan# 1923
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



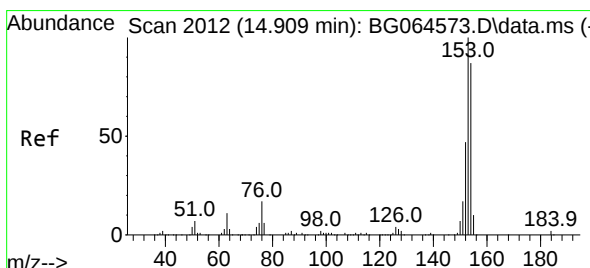
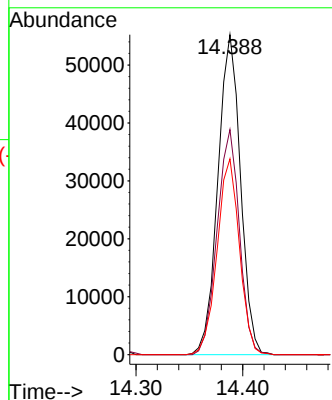
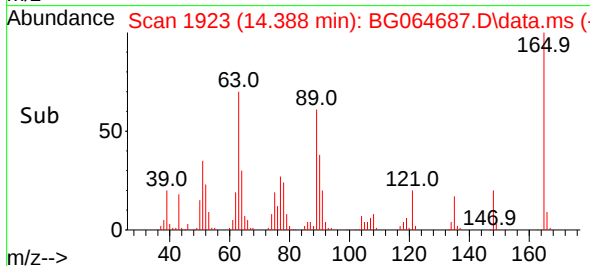
Tgt Ion:165 Resp: 81447
Ion Ratio Lower Upper
165 100
63 70.3 57.4 86.0
89 61.2 47.8 71.8

Manual Integrations

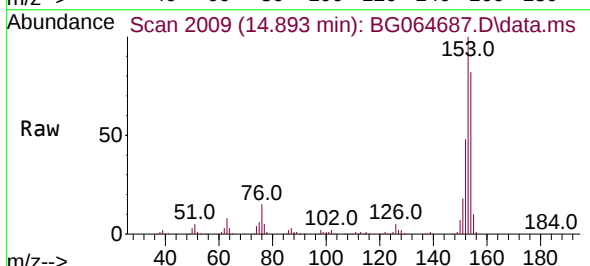
APPROVED

Reviewed By :Rahul Chavli 11/06/2025

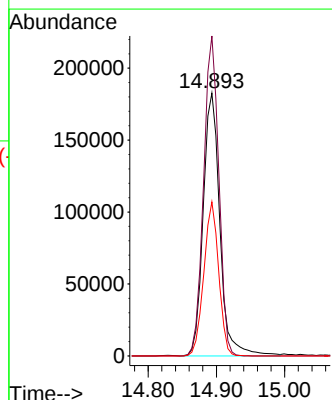
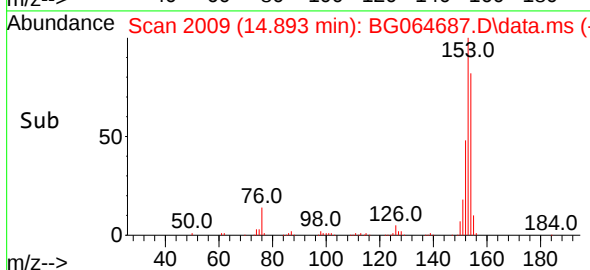
Supervised By :Jagrut Upadhyay 11/06/2025

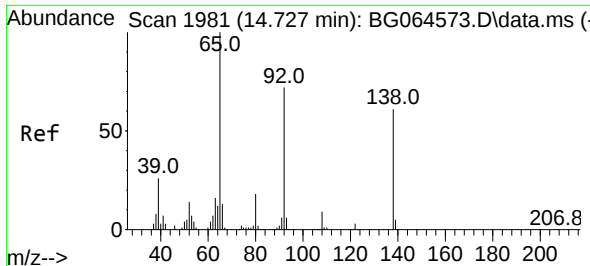


#52
Acenaphthene
Concen: 41.420 ng
RT: 14.893 min Scan# 2009
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59



Tgt Ion:154 Resp: 311599
Ion Ratio Lower Upper
154 100
153 121.8 92.2 138.4
152 58.6 43.2 64.8





#53
3-Nitroaniline
Concen: 48.966 ng
RT: 14.717 min Scan# 1981
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

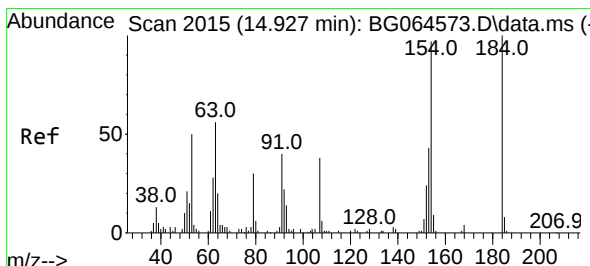
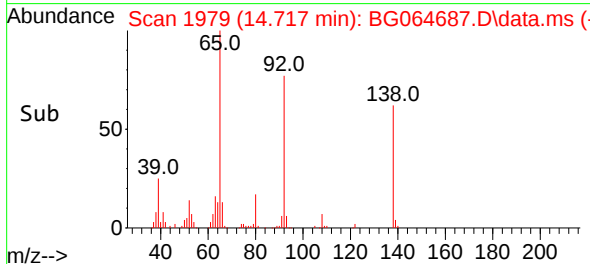
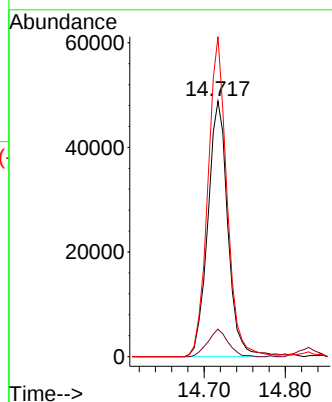
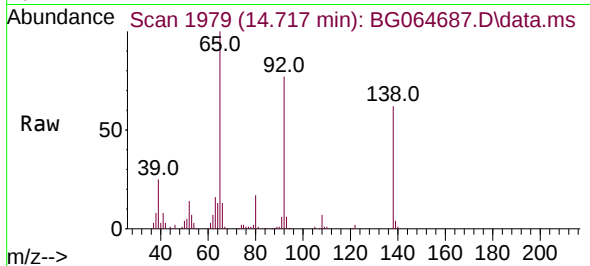
ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 83765
Ion Ratio Lower Upper
138 100
108 10.7 11.4 17.0
92 125.3 95.3 142.9

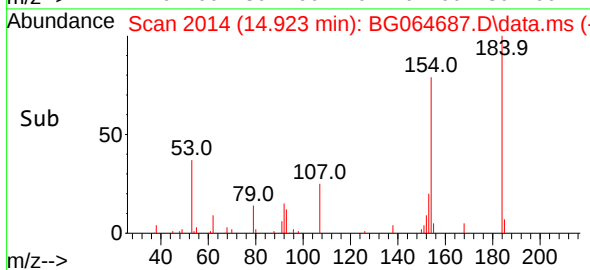
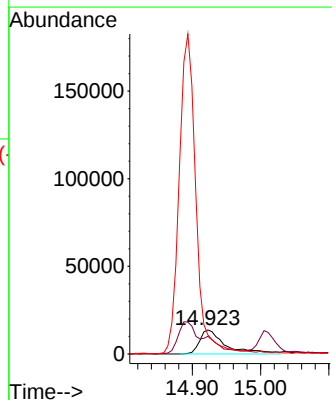
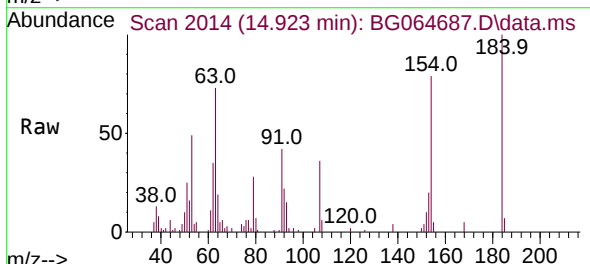
Manual Integrations
APPROVED

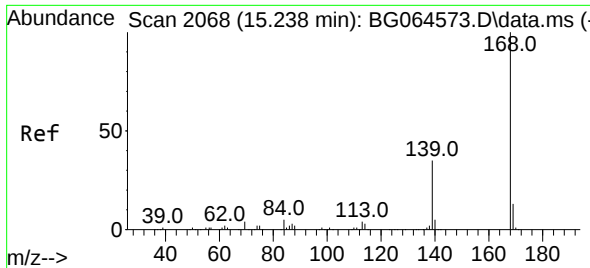
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#54
2,4-Dinitrophenol
Concen: 38.950 ng
RT: 14.923 min Scan# 2014
Delta R.T. -0.004 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

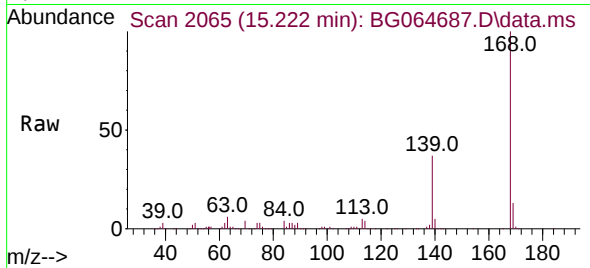
Tgt Ion:184 Resp: 36158
Ion Ratio Lower Upper
184 100
63 73.4 56.6 85.0
154 79.1 158.6 238.0#





#55
Dibenzenofuran
Concen: 41.757 ng
RT: 15.222 min Scan# 2065
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

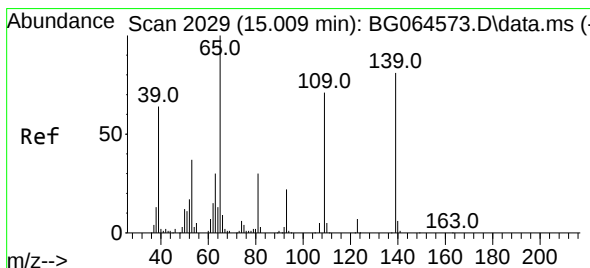
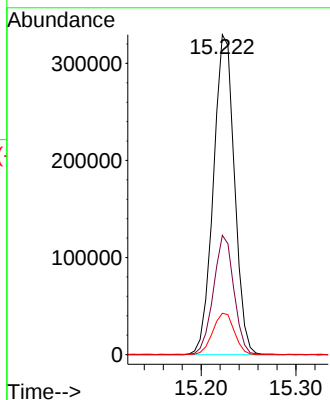
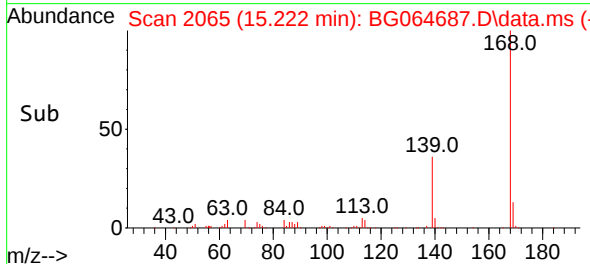
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 50785
Ion Ratio Lower Upper
168 100
139 37.3 27.8 41.8
169 12.9 10.3 15.5

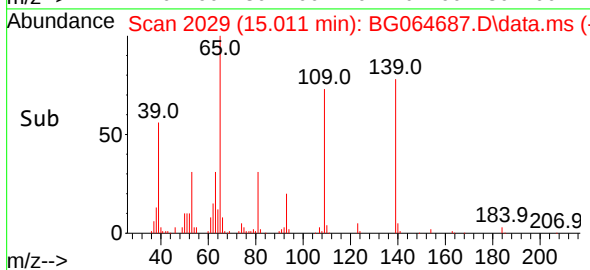
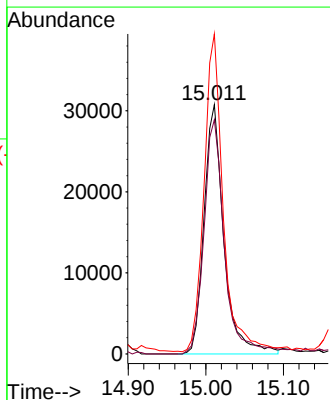
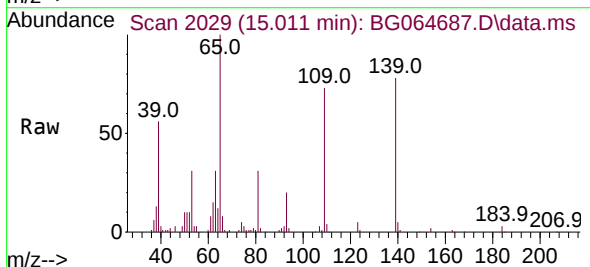
Manual Integrations
APPROVED

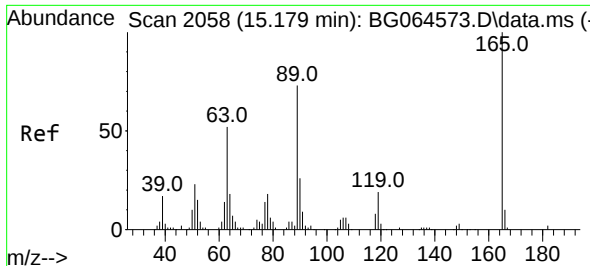
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#56
4-Nitrophenol
Concen: 34.464 ng
RT: 15.011 min Scan# 2029
Delta R.T. 0.002 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Tgt Ion:139 Resp: 54660
Ion Ratio Lower Upper
139 100
109 94.0 67.8 107.8
65 128.4 103.7 143.7





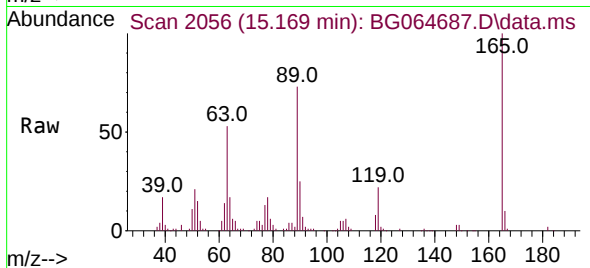
#57
2,4-Dinitrotoluene
Concen: 49.385 ng
RT: 15.169 min Scan# 2058
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



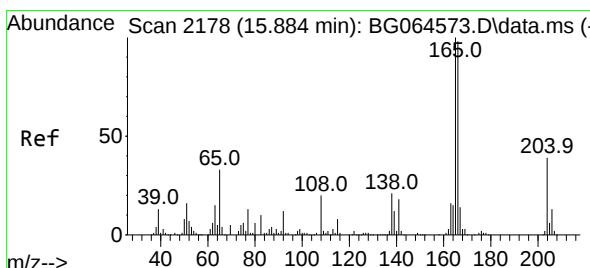
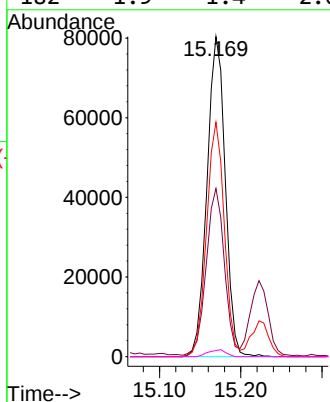
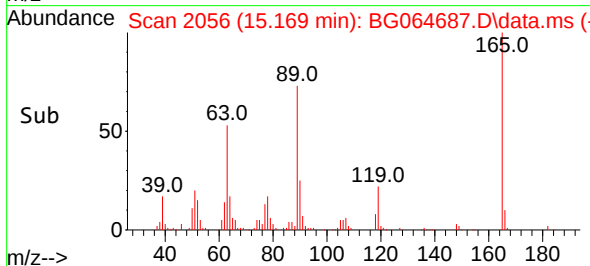
Tgt Ion:165 Resp: 125651
Ion Ratio Lower Upper
165 100
63 52.5 41.8 62.8
89 73.2 58.1 87.1
182 1.9 1.4 2.0

Manual Integrations

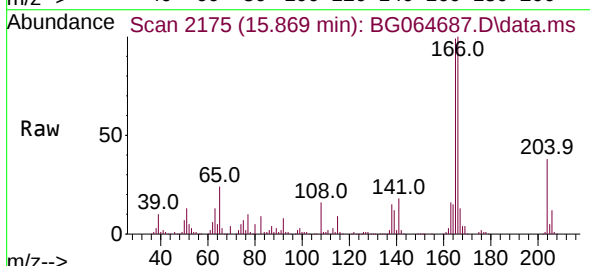
APPROVED

Reviewed By :Rahul Chavli 11/06/2025

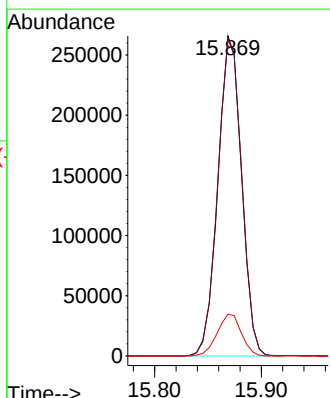
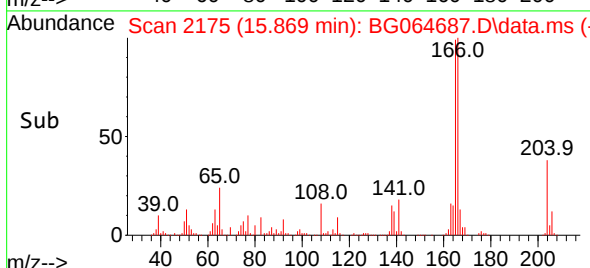
Supervised By :Jagrut Upadhyay 11/06/2025

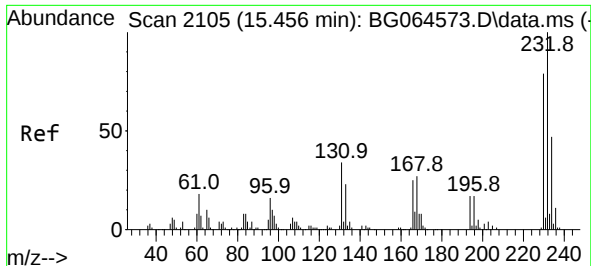


#58
Fluorene
Concen: 43.009 ng
RT: 15.869 min Scan# 2175
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59



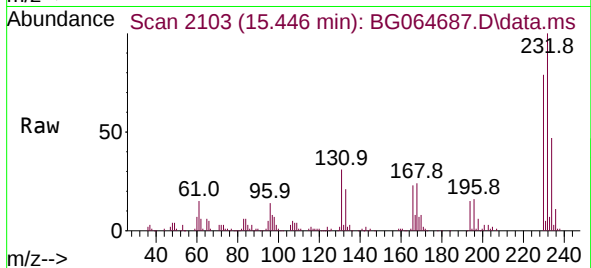
Tgt Ion:166 Resp: 408515
Ion Ratio Lower Upper
166 100
165 99.0 81.5 122.3
167 13.0 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.062 ng
RT: 15.446 min Scan# 2103
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

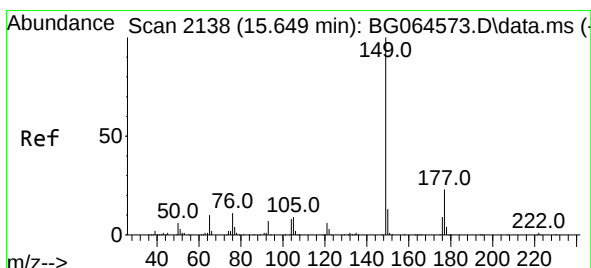
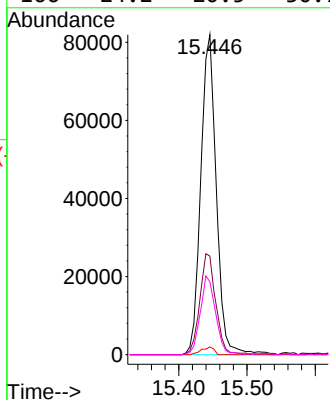
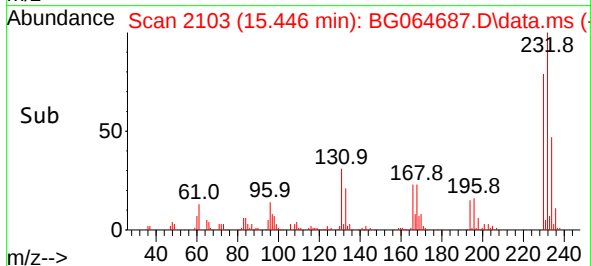
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



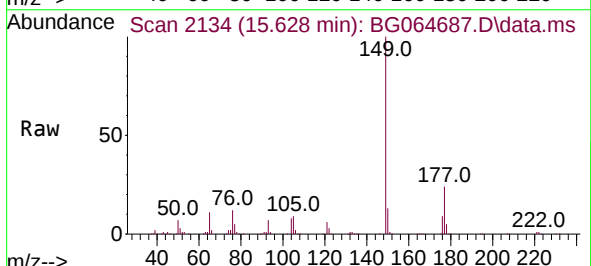
Tgt Ion:232 Resp: 129691
Ion Ratio Lower Upper
232 100
131 32.2 26.7 40.1
130 1.9 1.6 2.4
166 24.2 20.5 30.7

Manual Integrations
APPROVED

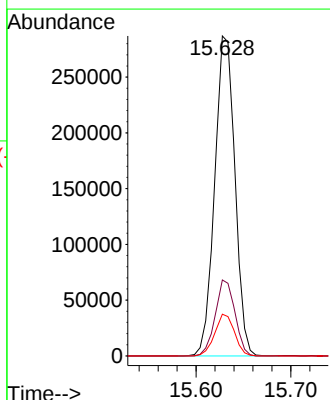
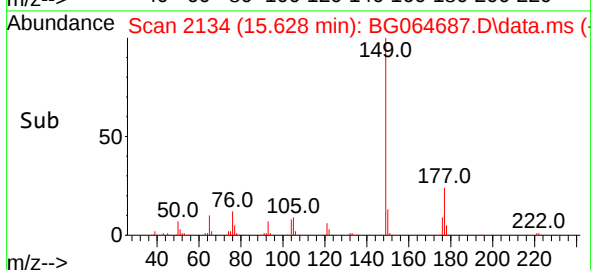
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

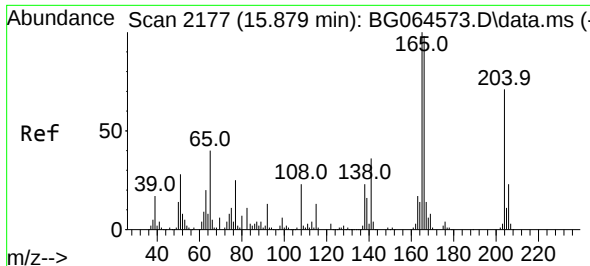


#60
Diethylphthalate
Concen: 41.848 ng
RT: 15.628 min Scan# 2134
Delta R.T. -0.022 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59



Tgt Ion:149 Resp: 425326
Ion Ratio Lower Upper
149 100
177 23.7 18.0 27.0
150 13.0 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.558 ng
RT: 15.857 min Scan# 2173
Delta R.T. -0.022 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

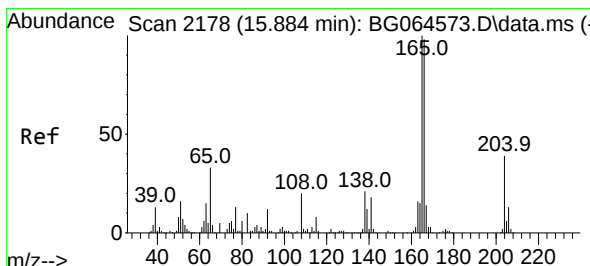
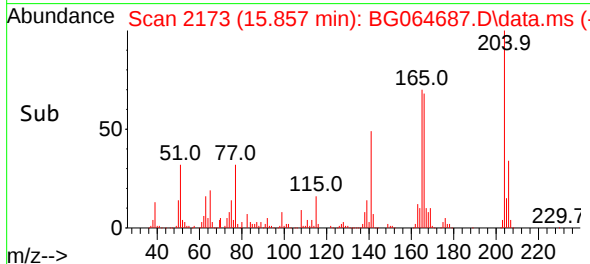
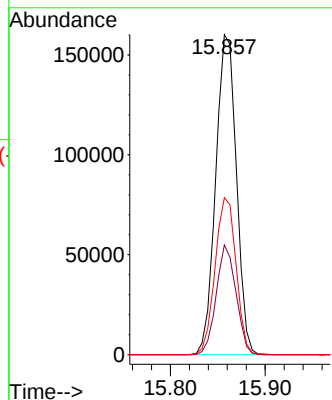
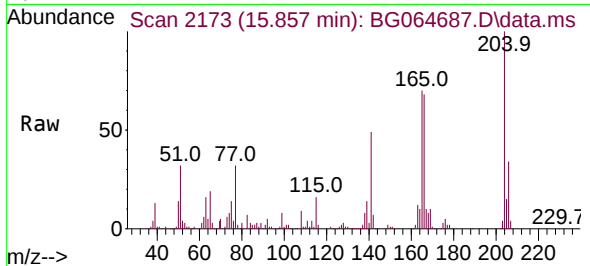
SSTDCCC040

Tgt Ion:204 Resp: 242842
Ion Ratio Lower Upper
204 100
206 34.3 25.6 38.4
141 49.0 40.6 60.8

Manual Integrations

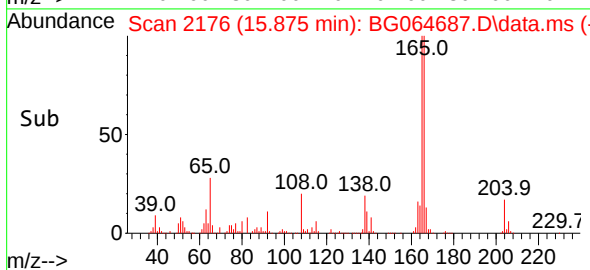
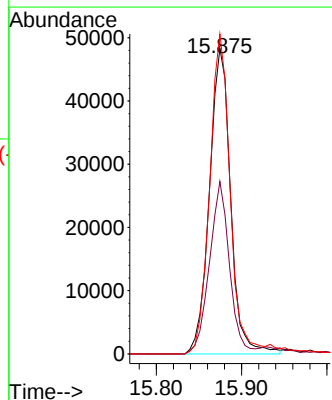
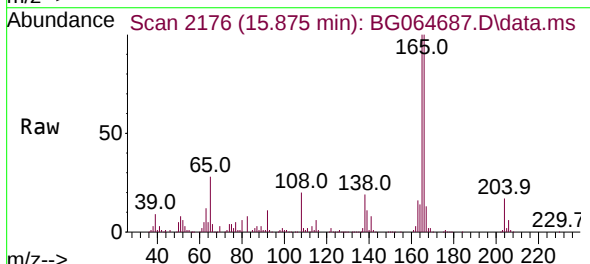
APPROVED

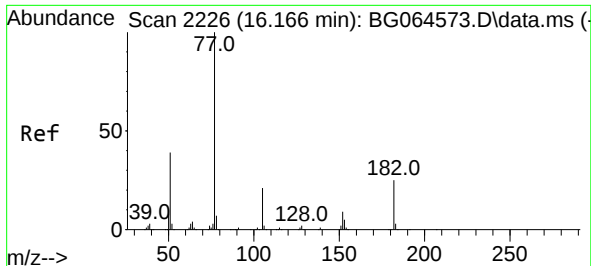
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#62
4-Nitroaniline
Concen: 43.757 ng
RT: 15.875 min Scan# 2176
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

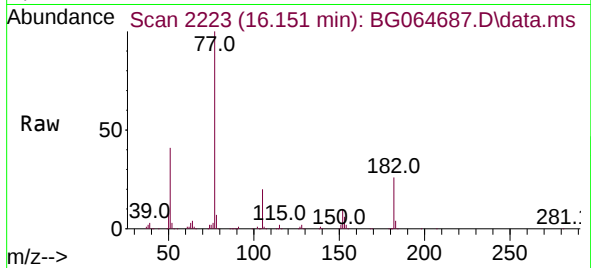
Tgt Ion:138 Resp: 83275
Ion Ratio Lower Upper
138 100
92 56.4 36.1 76.1
108 104.7 75.6 115.6





#63
Azobenzene
Concen: 39.299 ng
RT: 16.151 min Scan# 2223
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

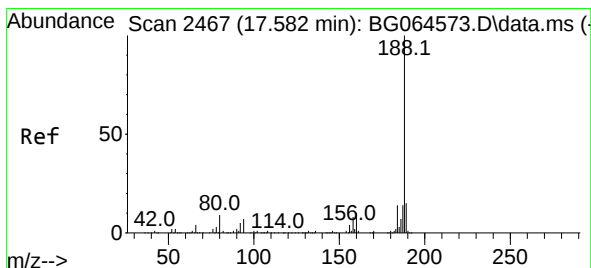
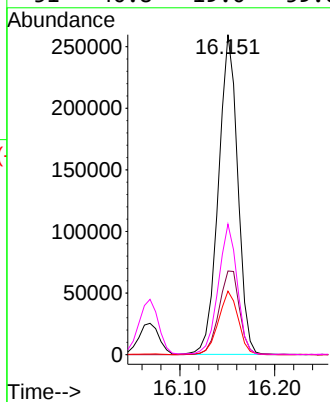
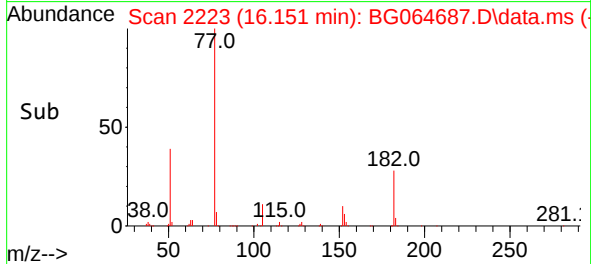
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 366478
Ion Ratio Lower Upper
77 100
182 26.2 4.9 44.9
105 19.8 1.3 41.3
51 40.8 19.0 59.0

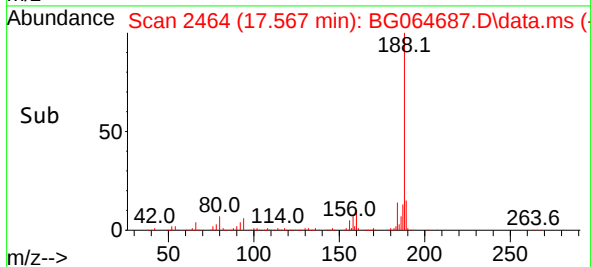
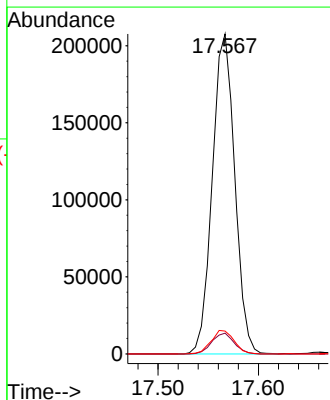
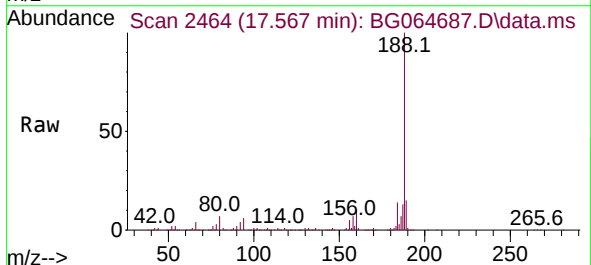
Manual Integrations
APPROVED

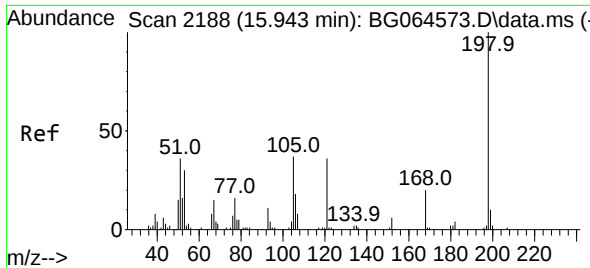
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.567 min Scan# 2464
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Tgt Ion:188 Resp: 323139
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 7.1 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 51.882 ng
RT: 15.933 min Scan# 2188
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

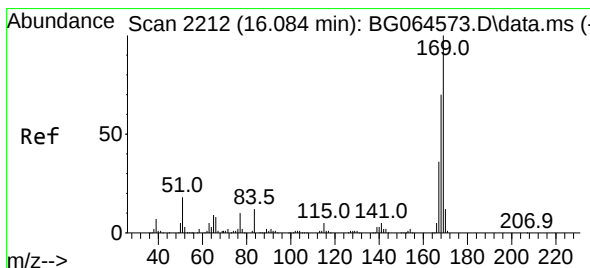
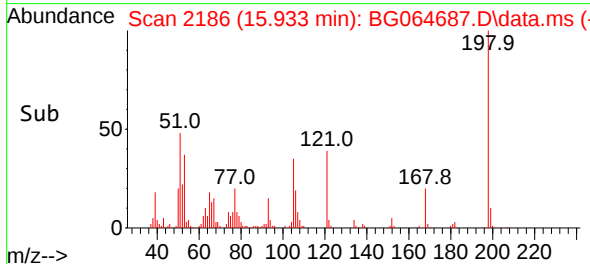
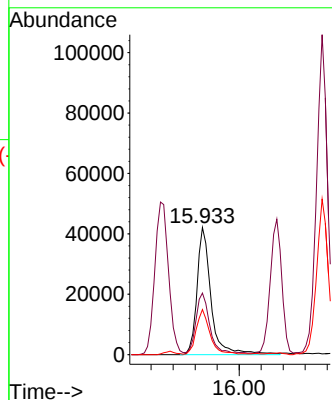
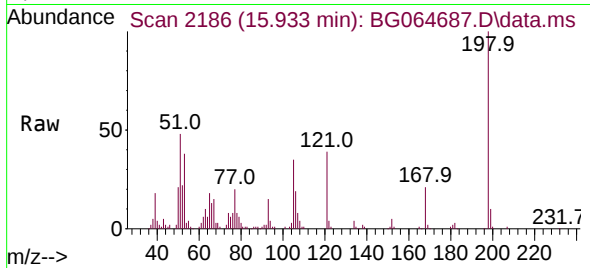
SSTDCCC040

Tgt Ion:198 Resp: 74475
Ion Ratio Lower Upper
198 100
51 48.4 24.7 64.7
105 35.4 18.0 58.0

Manual Integrations

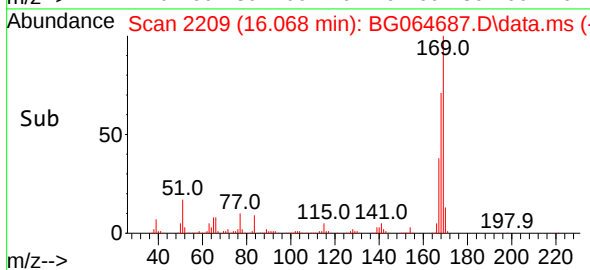
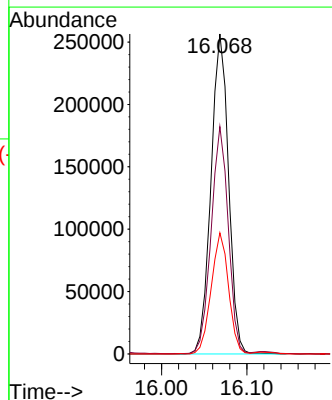
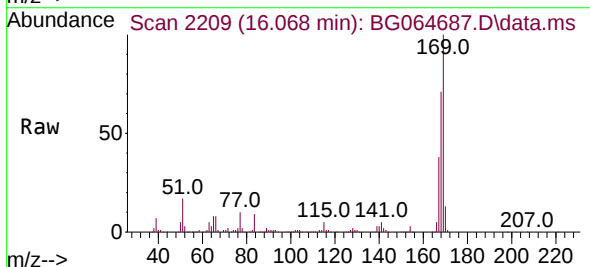
APPROVED

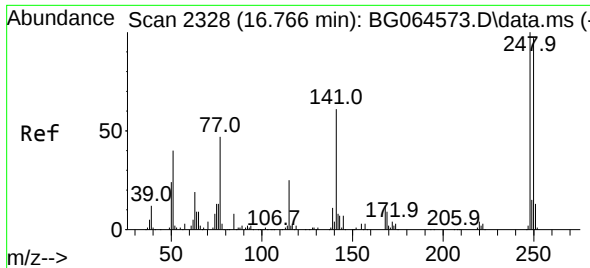
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#66
n-Nitrosodiphenylamine
Concen: 41.979 ng
RT: 16.068 min Scan# 2209
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

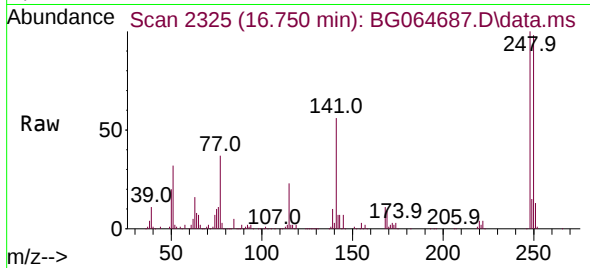
Tgt Ion:169 Resp: 366427
Ion Ratio Lower Upper
169 100
168 71.0 56.3 84.5
167 37.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.310 ng
RT: 16.750 min Scan# 2325
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

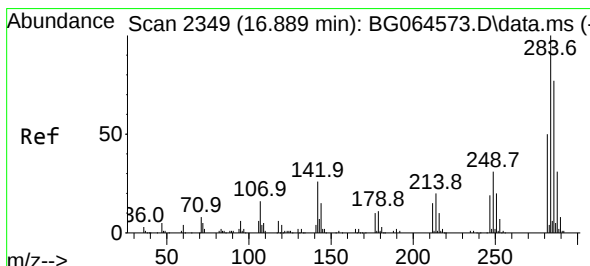
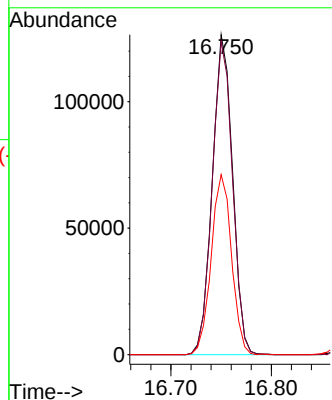
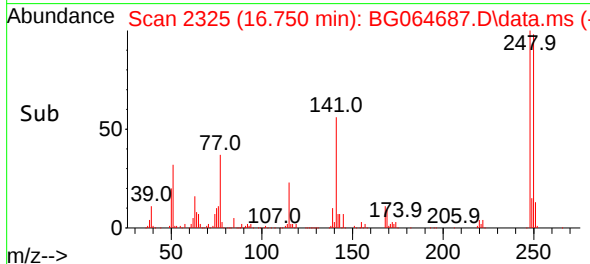
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



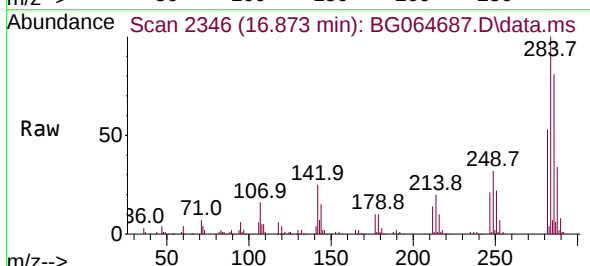
Tgt Ion:248 Resp: 177335
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 56.2 48.6 72.8

Manual Integrations
APPROVED

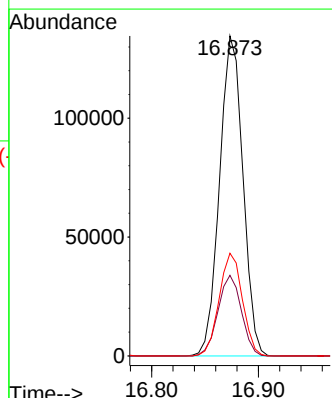
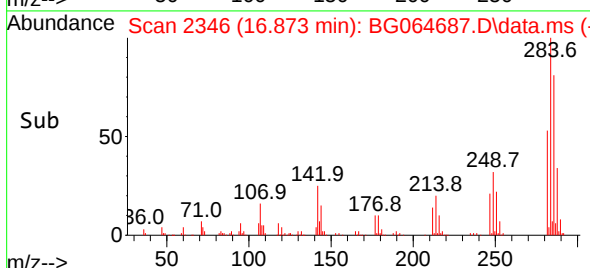
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

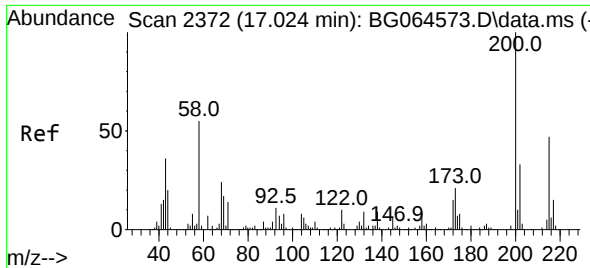


#68
Hexachlorobenzene
Concen: 46.961 ng
RT: 16.873 min Scan# 2346
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59



Tgt Ion:284 Resp: 205156
Ion Ratio Lower Upper
284 100
142 25.2 21.0 31.6
249 34.5 24.9 37.3





#69
 Atrazine
 Concen: 40.966 ng
 RT: 17.009 min Scan# 2372
 Delta R.T. -0.016 min
 Lab File: BG064687.D
 Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

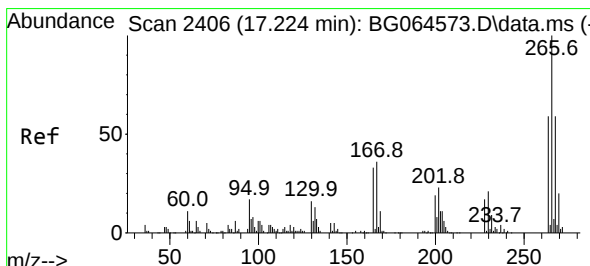
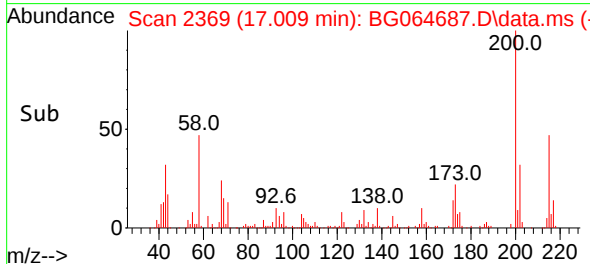
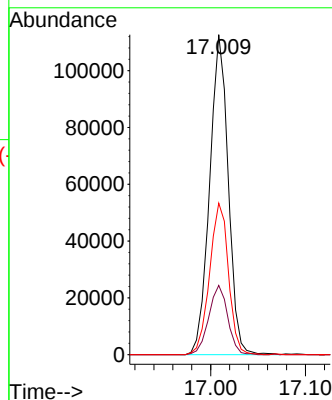
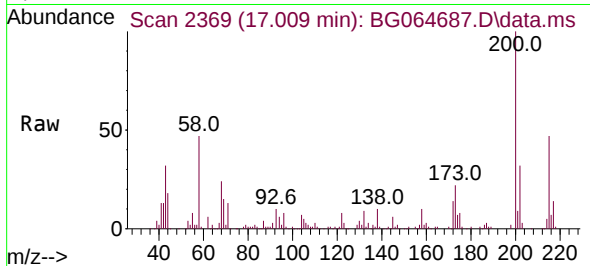
SSTDCCC040

Tgt Ion:200 Resp: 153882
 Ion Ratio Lower Upper
 200 100
 173 21.6 0.9 40.9
 215 47.3 27.0 67.0

Manual Integrations

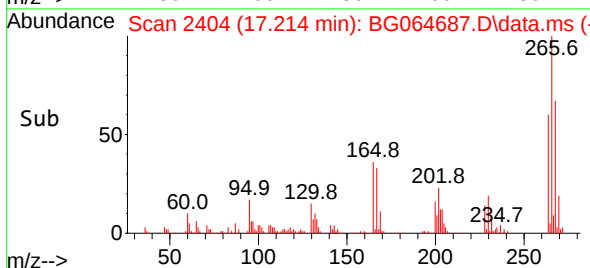
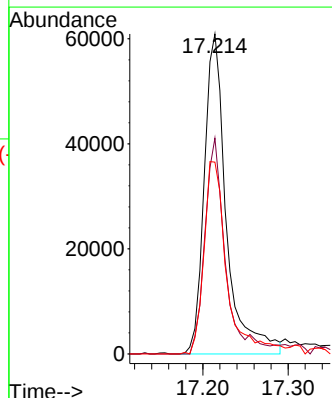
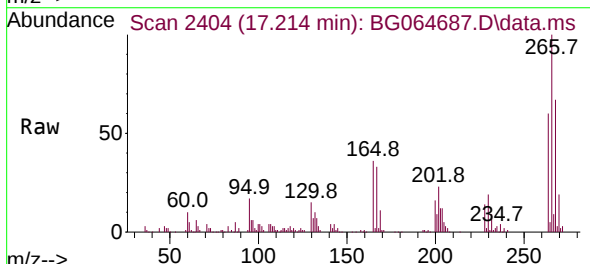
APPROVED

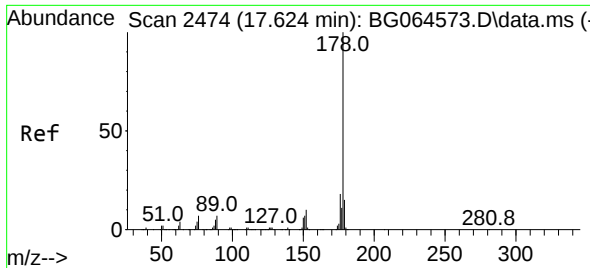
Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025



#70
 Pentachlorophenol
 Concen: 40.366 ng
 RT: 17.214 min Scan# 2404
 Delta R.T. -0.010 min
 Lab File: BG064687.D
 Acq: 5 Nov 2025 15:59

Tgt Ion:266 Resp: 109965
 Ion Ratio Lower Upper
 266 100
 268 70.8 50.3 75.5
 264 64.9 47.3 70.9





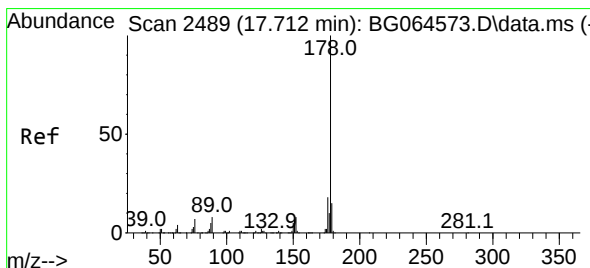
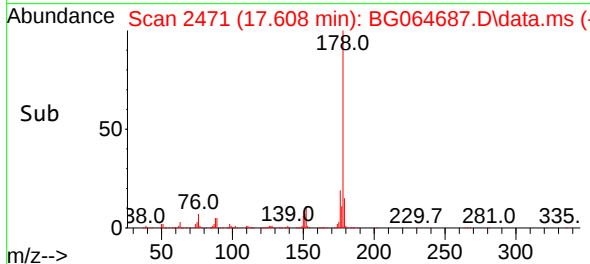
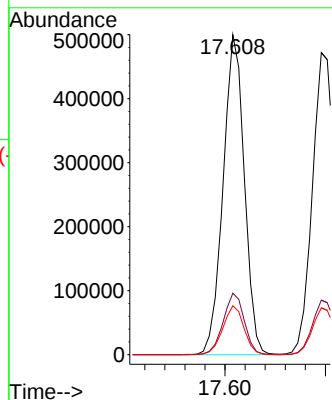
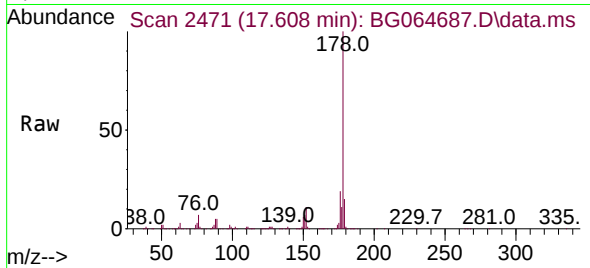
#71
Phenanthrene
Concen: 41.596 ng
RT: 17.608 min Scan# 2474
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 735049
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 15.3 12.2 18.4

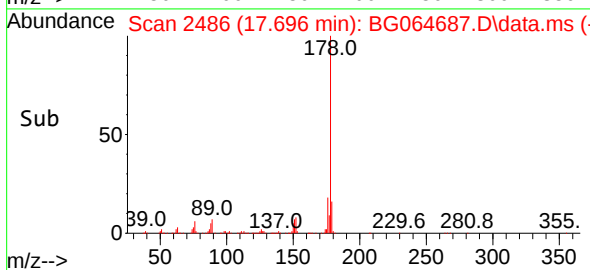
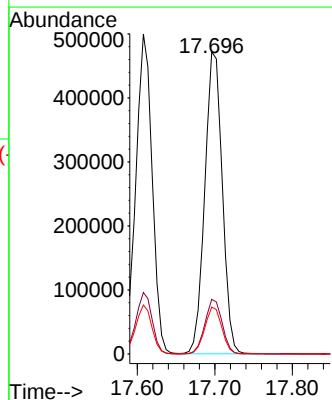
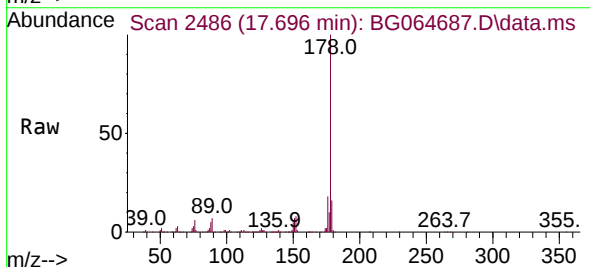
Manual Integrations
APPROVED

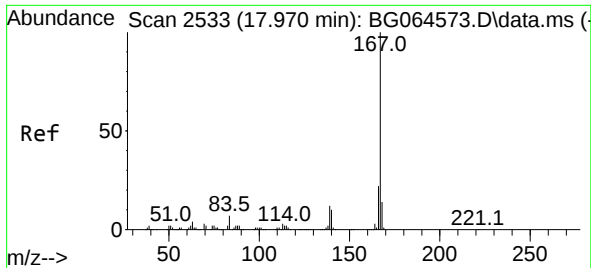
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#72
Anthracene
Concen: 41.133 ng
RT: 17.696 min Scan# 2486
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Tgt Ion:178 Resp: 739403
Ion Ratio Lower Upper
178 100
176 18.1 14.4 21.6
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 36.274 ng
 RT: 17.960 min Scan# 2533
 Delta R.T. -0.010 min
 Lab File: BG064687.D
 Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

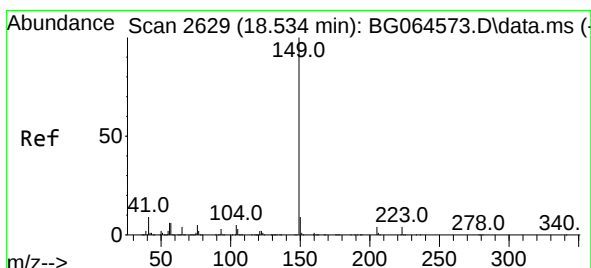
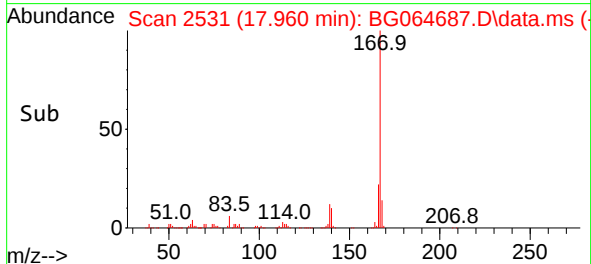
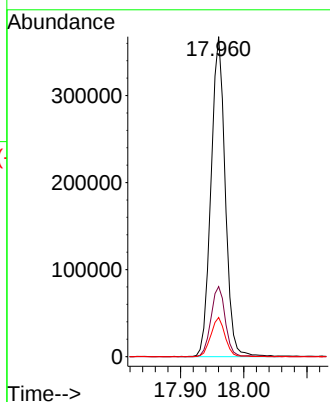
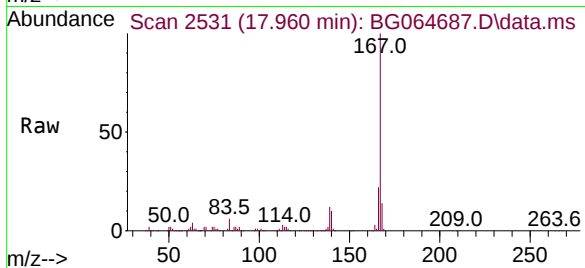
SSTDCCC040

Tgt Ion:167 Resp: 574989
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.9 26.9
 139 12.2 9.7 14.5

Manual Integrations

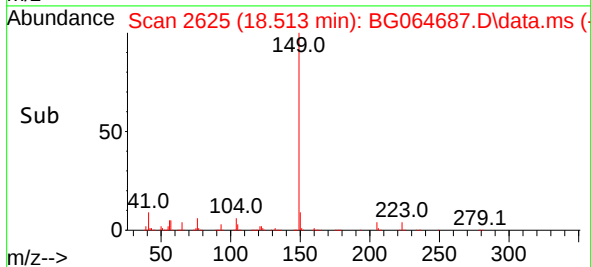
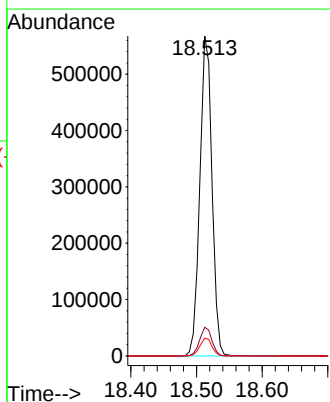
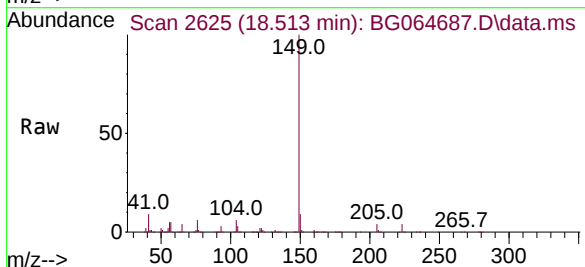
APPROVED

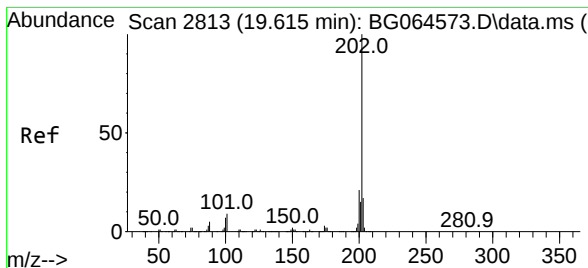
Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025



#74
 Di-n-butylphthalate
 Concen: 39.465 ng
 RT: 18.513 min Scan# 2625
 Delta R.T. -0.022 min
 Lab File: BG064687.D
 Acq: 5 Nov 2025 15:59

Tgt Ion:149 Resp: 723396
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.0 10.6
 104 5.5 4.1 6.1





#75

Fluoranthene

Concen: 37.162 ng

RT: 19.605 min Scan# 2811

Delta R.T. -0.010 min

Lab File: BG064687.D

Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 822670

Ion Ratio Lower Upper

202 100

101 7.2 0.0 28.7

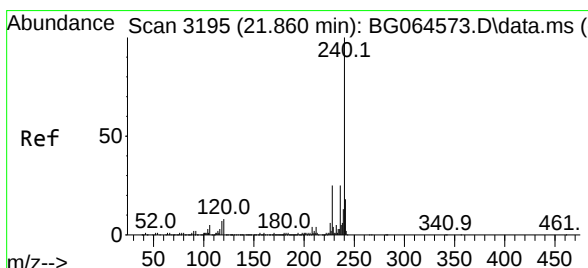
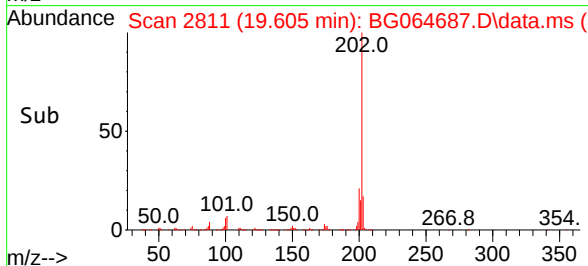
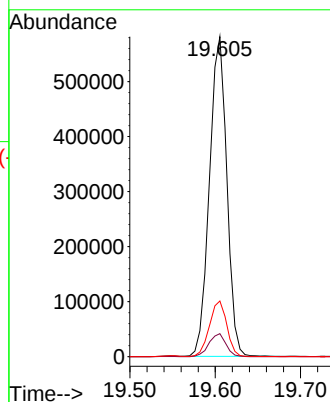
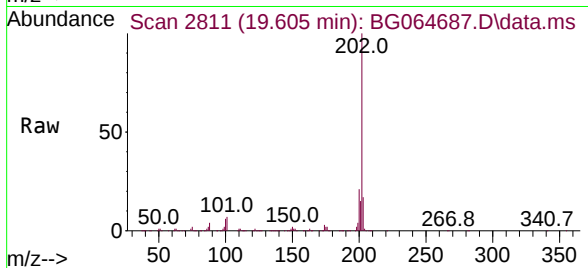
203 17.4 0.0 37.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.838 min Scan# 3191

Delta R.T. -0.022 min

Lab File: BG064687.D

Acq: 5 Nov 2025 15:59

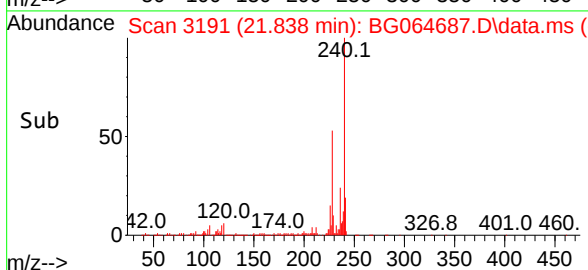
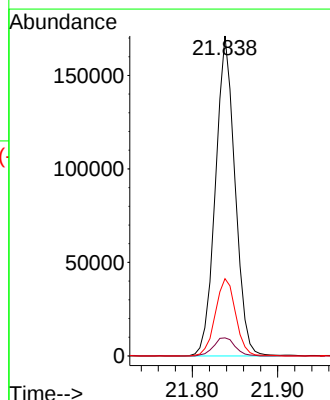
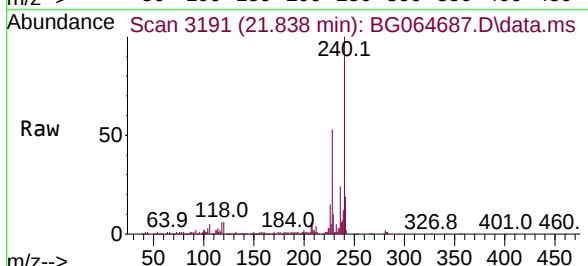
Tgt Ion:240 Resp: 272085

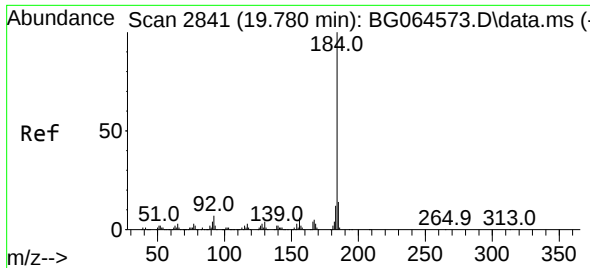
Ion Ratio Lower Upper

240 100

120 5.6 6.5 9.7#

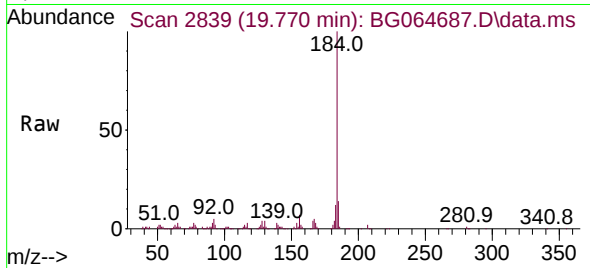
236 24.1 20.2 30.2





#77
Benzidine
Concen: 39.916 ng
RT: 19.770 min Scan# 2841
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

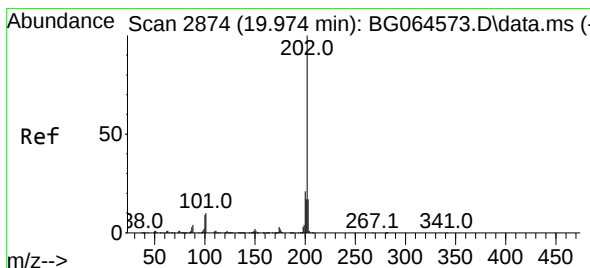
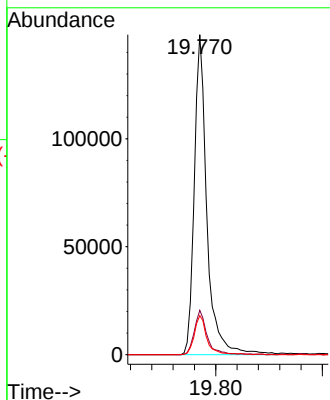
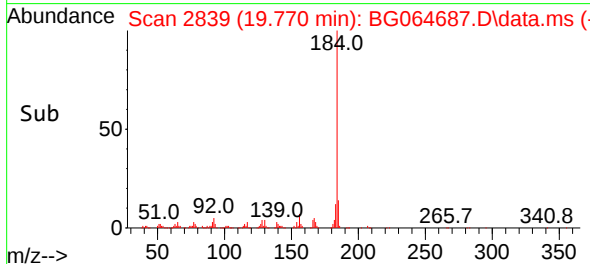
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 243322
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.2
183 12.2 9.4 14.2

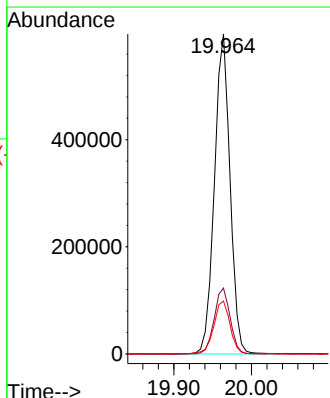
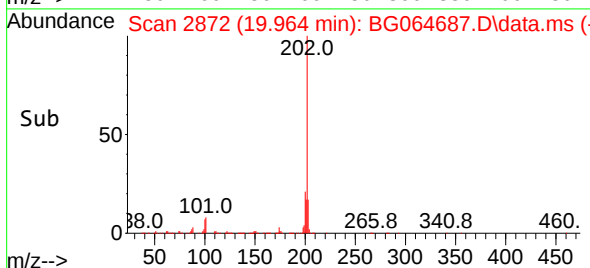
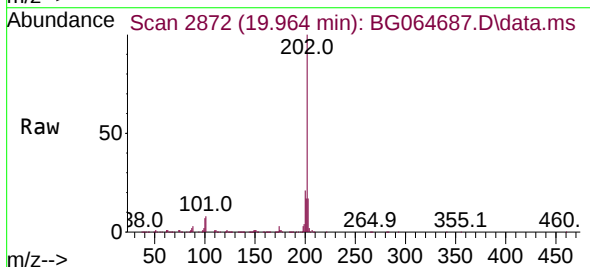
Manual Integrations
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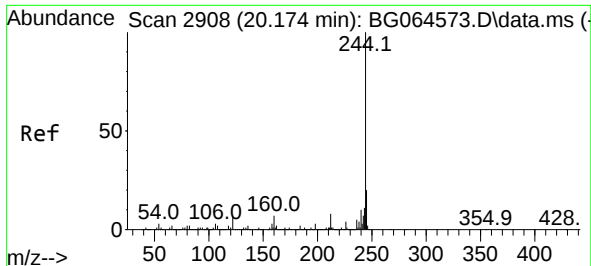
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#78
Pyrene
Concen: 47.036 ng
RT: 19.964 min Scan# 2872
Delta R.T. -0.010 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

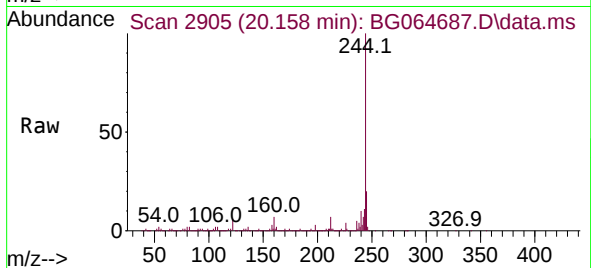
Tgt Ion:202 Resp: 836146
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.4
203 16.5 13.8 20.6





#79
 Terphenyl-d14
 Concen: 95.871 ng
 RT: 20.158 min Scan# 2905
 Delta R.T. -0.016 min
 Lab File: BG064687.D
 Acq: 5 Nov 2025 15:59

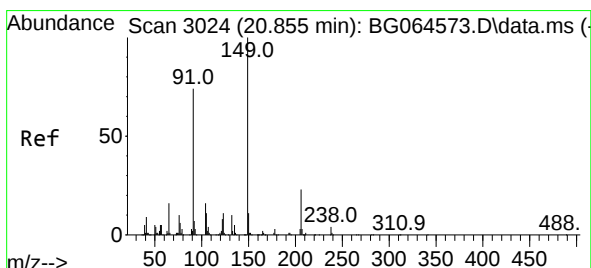
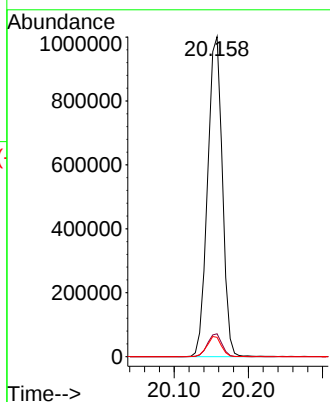
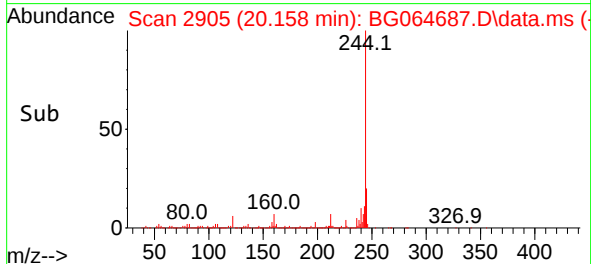
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



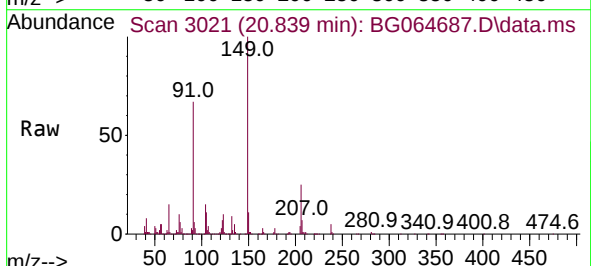
Tgt Ion:244 Resp: 1382241
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.0 5.6 8.4

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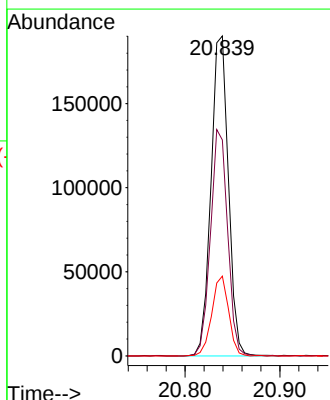
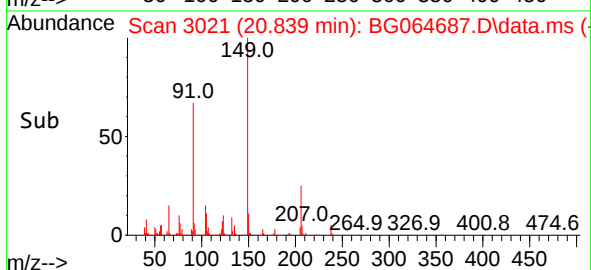
Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

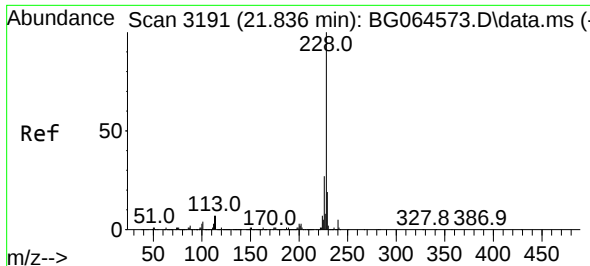


#80
 Butylbenzylphthalate
 Concen: 45.152 ng
 RT: 20.839 min Scan# 3021
 Delta R.T. -0.016 min
 Lab File: BG064687.D
 Acq: 5 Nov 2025 15:59



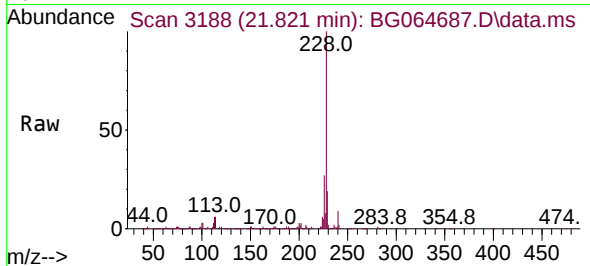
Tgt Ion:149 Resp: 242590
 Ion Ratio Lower Upper
 149 100
 91 67.5 59.2 88.8
 206 24.9 18.1 27.1





#81
Benzo(a)anthracene
Concen: 42.050 ng
RT: 21.821 min Scan# 3191
Delta R.T. -0.016 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

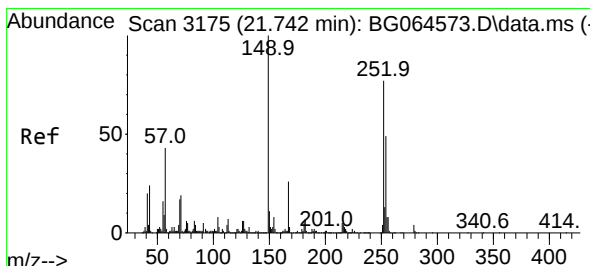
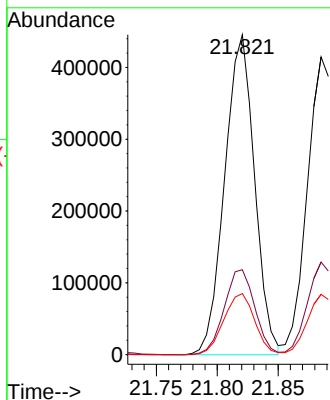
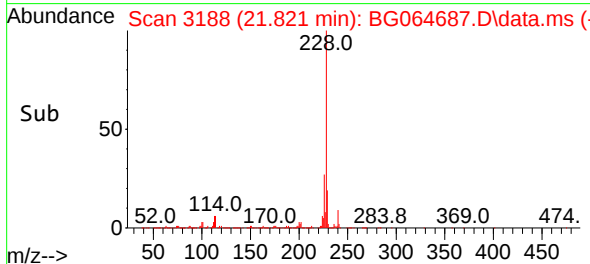
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 758616
Ion Ratio Lower Upper
228 100
226 26.6 21.9 32.9
229 19.1 15.6 23.4

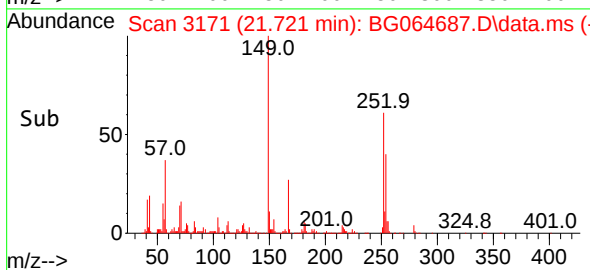
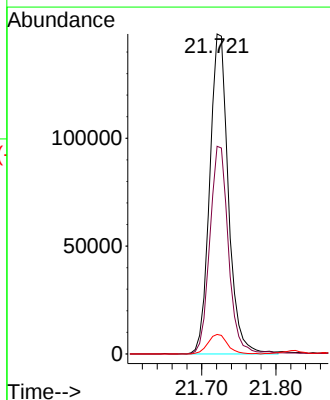
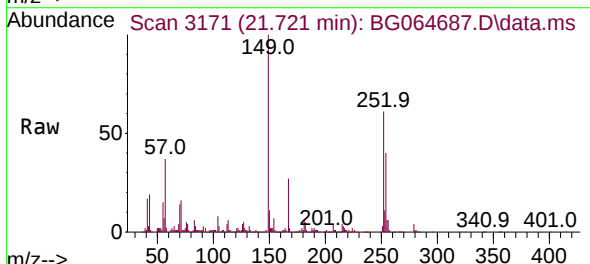
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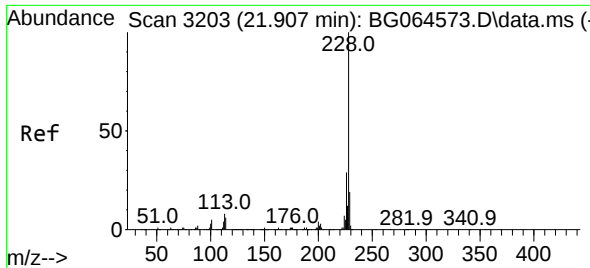
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#82
3,3'-Dichlorobenzidine
Concen: 42.928 ng
RT: 21.721 min Scan# 3171
Delta R.T. -0.022 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Tgt Ion:252 Resp: 258617
Ion Ratio Lower Upper
252 100
254 64.9 50.8 76.2
126 6.1 5.8 8.6





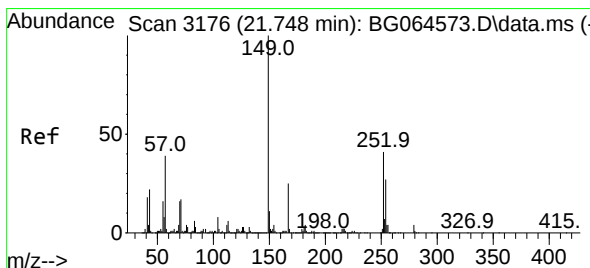
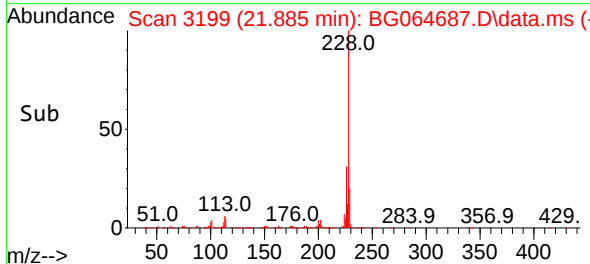
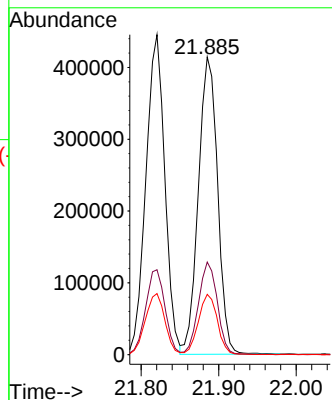
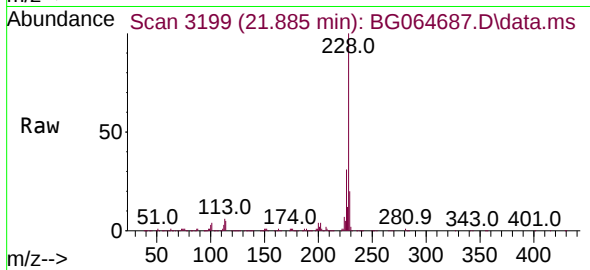
#83
Chrysene
Concen: 41.663 ng
RT: 21.885 min Scan# 31199
Delta R.T. -0.022 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 715185
Ion Ratio Lower Upper
228 100
226 31.1 23.3 34.9
229 20.3 15.2 22.8

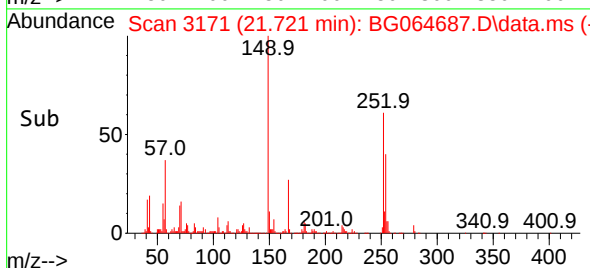
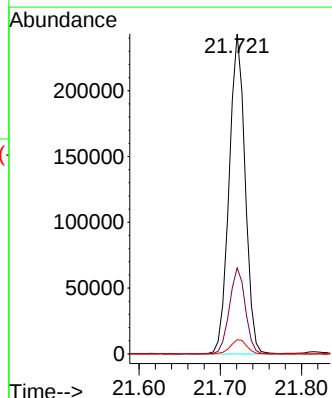
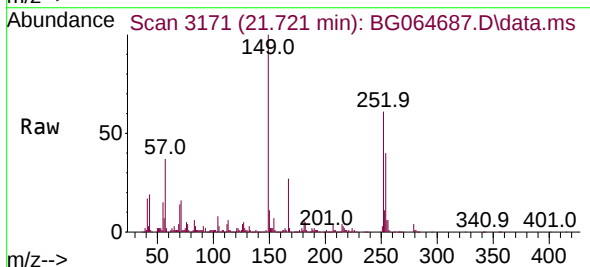
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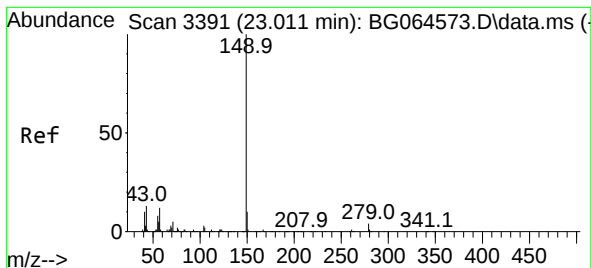
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.422 ng
RT: 21.721 min Scan# 3171
Delta R.T. -0.028 min
Lab File: BG064687.D
Acq: 5 Nov 2025 15:59

Tgt Ion:149 Resp: 332540
Ion Ratio Lower Upper
149 100
167 26.9 20.0 30.0
279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 42.668 ng

RT: 22.978 min Scan# 3391

Delta R.T. -0.033 min

Lab File: BG064687.D

Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 577536

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

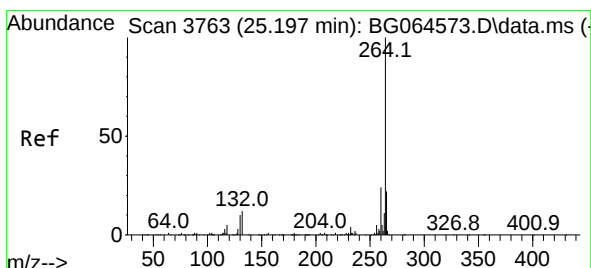
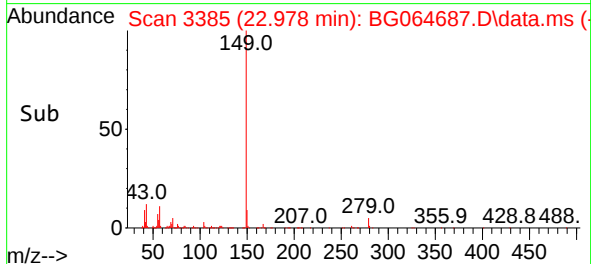
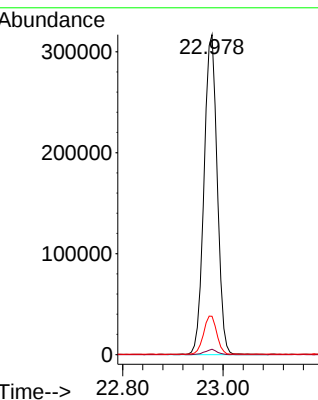
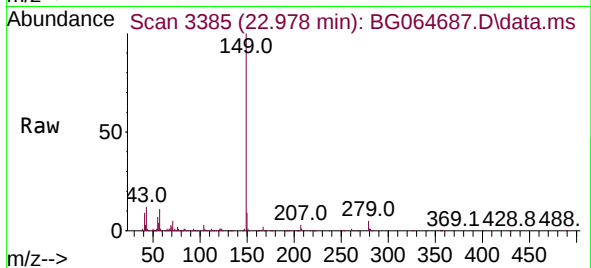
43 12.0 10.8 16.2

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: 25.164 min Scan# 3757

Delta R.T. -0.033 min

Lab File: BG064687.D

Acq: 5 Nov 2025 15:59

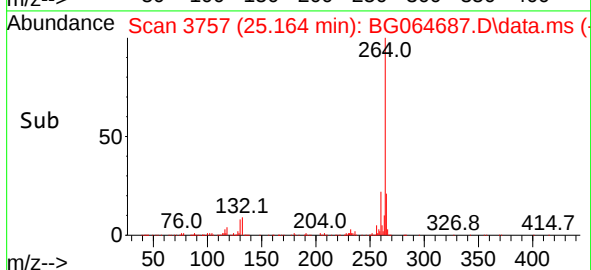
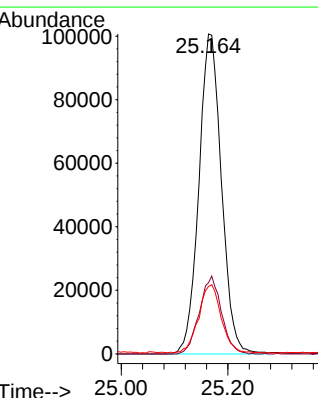
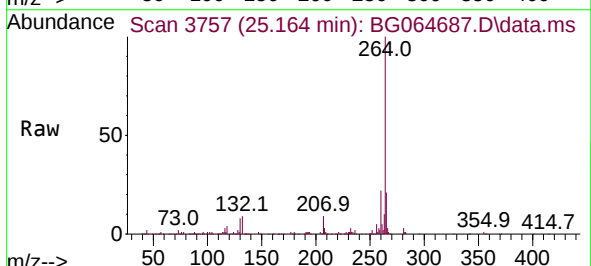
Tgt Ion:264 Resp: 295948

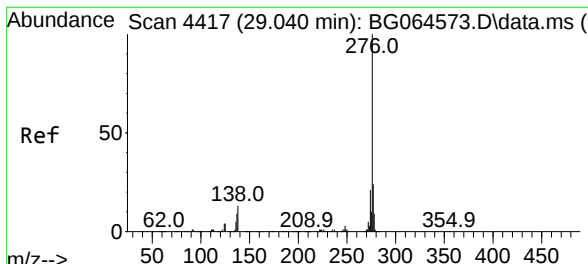
Ion Ratio Lower Upper

264 100

260 22.2 19.0 28.4

265 21.1 17.6 26.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.678 ng
 RT: 28.994 min Scan# 4417
 Delta R.T. -0.045 min
 Lab File: BG064687.D
 Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 276 Resp: 907365

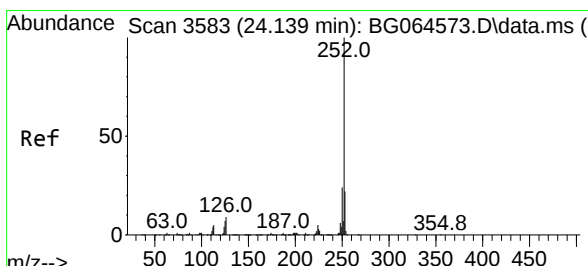
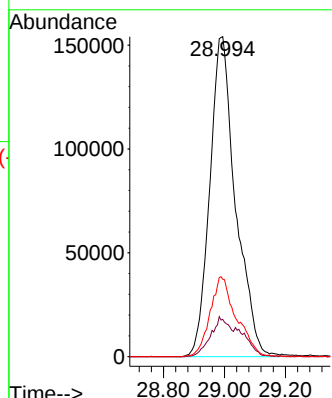
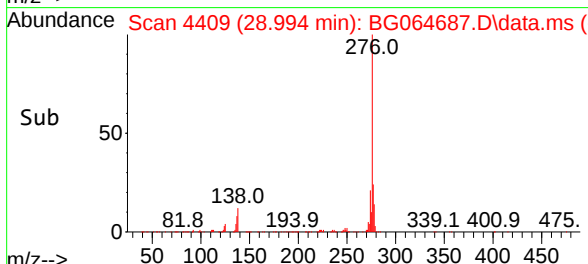
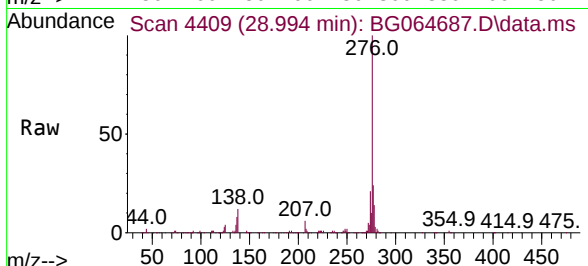
Ion	Ratio	Lower	Upper
276	100		
138	9.4	10.8	16.2
277	25.4	20.1	30.1

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

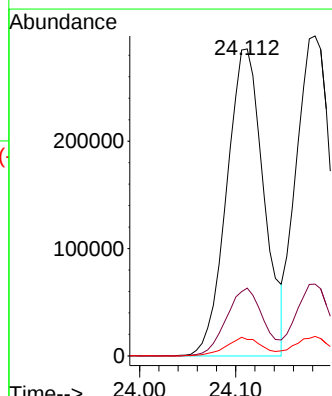
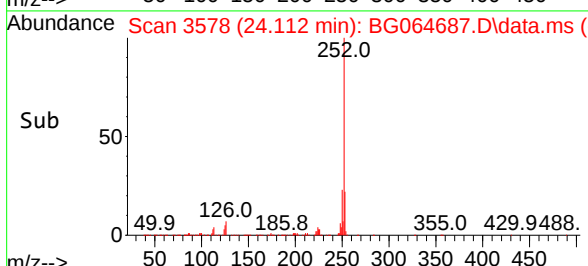
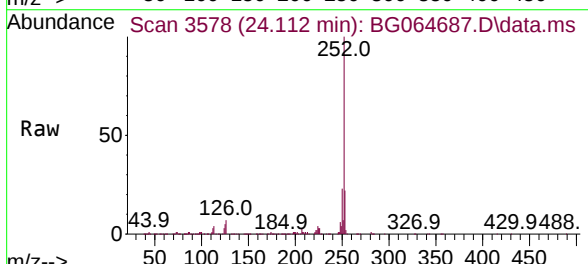
Supervised By :Jagrut Upadhyay 11/06/2025

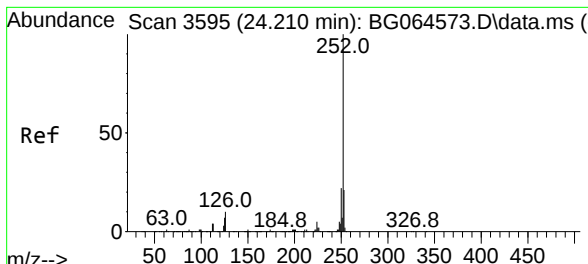


#88
 Benzo(b)fluoranthene
 Concen: 42.240 ng m
 RT: 24.112 min Scan# 3578
 Delta R.T. -0.028 min
 Lab File: BG064687.D
 Acq: 5 Nov 2025 15:59

Tgt Ion: 252 Resp: 766556

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	5.3	5.6	8.4





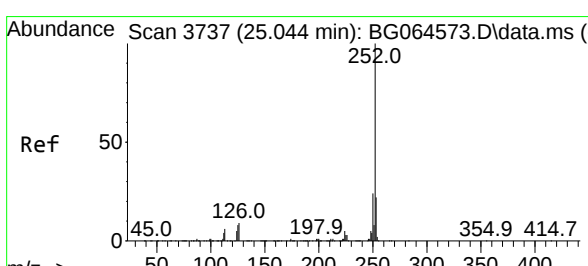
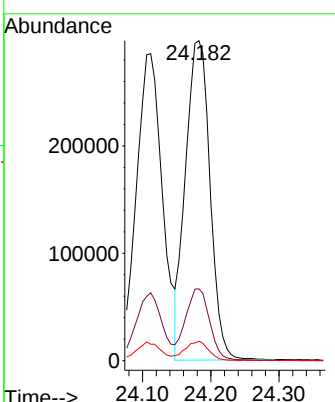
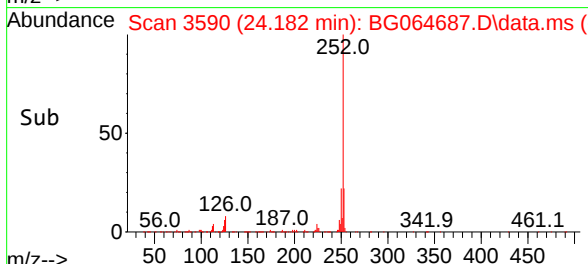
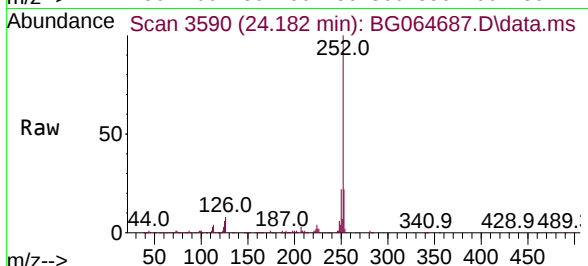
#89
 Benzo(k)fluoranthene
 Concen: 40.984 ng
 RT: 24.182 min Scan# 3590
 Delta R.T. -0.028 min
 Lab File: BG064687.D
 Acq: 5 Nov 2025 15:59

Instrument : BNA_G
 ClientSampleId : SSTDCCC040

Tgt Ion:252 Resp: 74426

Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.8	25.2
125	6.1	5.4	8.0

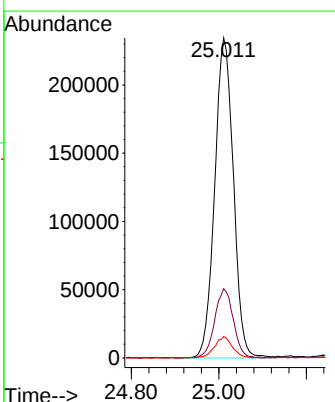
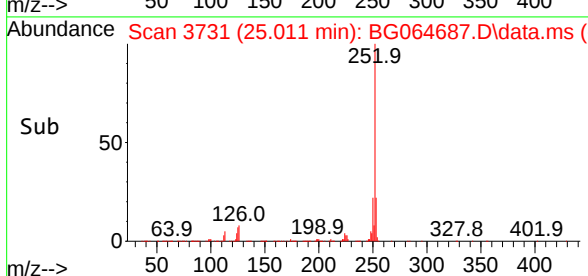
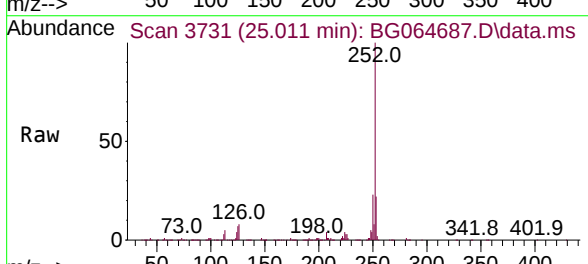
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 Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

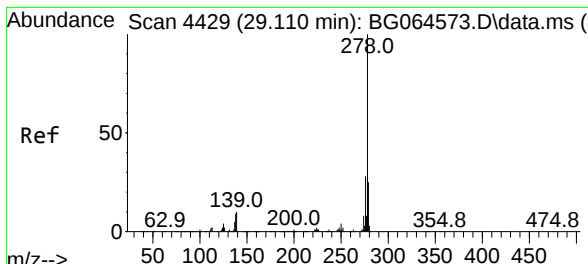


#90
 Benzo(a)pyrene
 Concen: 41.766 ng
 RT: 25.011 min Scan# 3731
 Delta R.T. -0.033 min
 Lab File: BG064687.D
 Acq: 5 Nov 2025 15:59

Tgt Ion:252 Resp: 696722

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	6.7	6.1	9.1





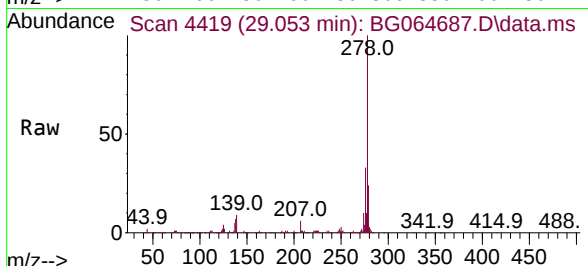
#91
 Dibenzo(a,h)anthracene
 Concen: 41.734 ng
 RT: 29.053 min Scan# 4419
 Delta R.T. -0.057 min
 Lab File: BG064687.D
 Acq: 5 Nov 2025 15:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion: 278 Resp: 73816

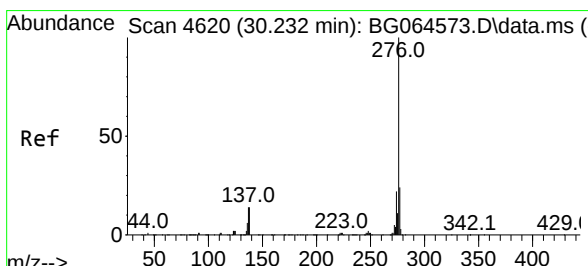
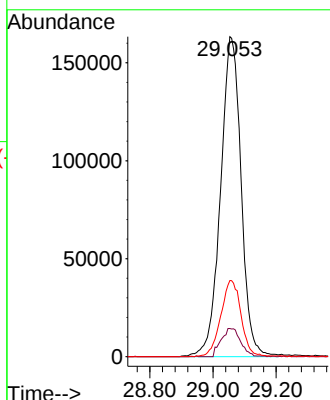
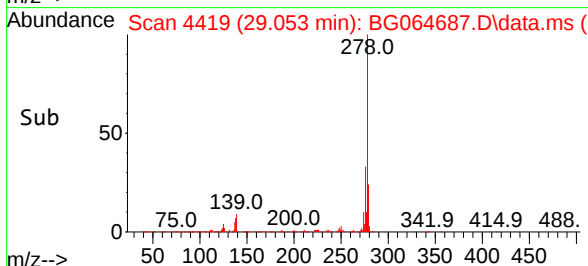
Ion	Ratio	Lower	Upper
278	100		
139	8.8	8.0	12.0
279	23.8	19.8	29.6

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#92
 Benzo(g,h,i)perylene
 Concen: 41.596 ng
 RT: 30.181 min Scan# 4611
 Delta R.T. -0.051 min
 Lab File: BG064687.D
 Acq: 5 Nov 2025 15:59

Tgt Ion: 276 Resp: 702818

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.1	28.7
138	12.0	11.3	16.9

