

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111025\
 Data File : BG064729.D
 Acq On : 10 Nov 2025 11:53
 Operator : RC/JU
 Sample : PB170450BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170450BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/11/2025

Supervised By :Jagrut Upadhyay 11/11/2025

Quant Time: Nov 10 12:38:46 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	8.200	152	34411	20.000	ng	-0.02
21) Naphthalene-d8	11.026	136	133424	20.000	ng	#-0.02
39) Acenaphthene-d10	14.827	164	111362	20.000	ng	-0.02
64) Phenanthrene-d10	17.559	188	279214	20.000	ng	-0.02
76) Chrysene-d12	21.831	240	331544	20.000	ng	#-0.03
86) Perylene-d12	25.156	264	352281	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.738	112	236037	115.134	ng	-0.01
7) Phenol-d6	7.342	99	327020	116.246	ng	-0.01
23) Nitrobenzene-d5	9.369	82	211298	95.119	ng	-0.02
42) 2,4,6-Tribromophenol	16.308	330	265953	165.467	ng	-0.01
45) 2-Fluorobiphenyl	13.452	172	602474	82.003	ng	-0.02
79) Terphenyl-d14	20.150	244	1450419	82.559	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	26378	29.062	ng	96
3) Pyridine	3.969	79	68603	25.169	ng	92
4) n-Nitrosodimethylamine	3.881	42	47154	32.260	ng	96
6) Aniline	7.512	93	107385	28.053	ng	97
8) 2-Chlorophenol	7.765	128	95713	44.604	ng	91
9) Benzaldehyde	7.324	77	37762	24.587	ng	91
10) Phenol	7.371	94	125938	40.480	ng	94
11) bis(2-Chloroethyl)ether	7.606	93	80821	35.334	ng	94
12) 1,3-Dichlorobenzene	8.094	146	99277	40.197	ng	98
13) 1,4-Dichlorobenzene	8.235	146	105146	41.869	ng	93
14) 1,2-Dichlorobenzene	8.558	146	102438	42.291	ng	95
15) Benzyl Alcohol	8.429	79	94005	40.523	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.729	45	195180	32.530	ng	96
17) 2-Methylphenol	8.635	107	86818	42.030	ng	96
18) Hexachloroethane	9.304	117	36617	41.550	ng	# 87
19) n-Nitroso-di-n-propyla...	9.005	70	74389	38.262	ng	94
20) 3+4-Methylphenols	8.964	107	117659	40.503	ng	98
22) Acetophenone	9.022	105	166193	45.566	ng	# 92
24) Nitrobenzene	9.410	77	114451	47.369	ng	# 89
25) Isophorone	9.939	82	210775	39.542	ng	# 98
26) 2-Nitrophenol	10.127	139	53119	56.395	ng	# 94
27) 2,4-Dimethylphenol	10.180	122	96615	48.727	ng	96
28) bis(2-Chloroethoxy)met...	10.415	93	120335	39.650	ng	99
29) 2,4-Dichlorophenol	10.662	162	106093	49.719	ng	96
30) 1,2,4-Trichlorobenzene	10.885	180	121531	50.127	ng	99
31) Naphthalene	11.079	128	307663	41.590	ng	99
32) Benzoic acid	10.303	122	64073	43.122	ng	97
33) 4-Chloroaniline	11.173	127	62032	21.574	ng	98
34) Hexachlorobutadiene	11.367	225	97070	51.196	ng	99
35) Caprolactam	11.937	113	32686m	39.938	ng	
36) 4-Chloro-3-methylphenol	12.283	107	118854	46.339	ng	97
37) 2-Methylnaphthalene	12.671	142	212915	39.203	ng	98
38) 1-Methylnaphthalene	12.888	142	223450	41.560	ng	97
40) 1,2,4,5-Tetrachloroben...	13.035	216	197551	52.858	ng	99
41) Hexachlorocyclopentadiene	13.018	237	235994	140.287	ng	99
43) 2,4,6-Trichlorophenol	13.264	196	112535	52.640	ng	99

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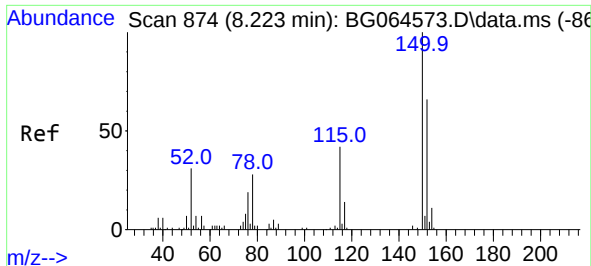
Manual Integrations
 APPROVED

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

Quant Time: Nov 10 12:38:46 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)
44) 2,4,5-Trichlorophenol	13.335	196	127763	51.788	ng	95
46) 1,1'-Biphenyl	13.664	154	371600	46.936	ng	96
47) 2-Chloronaphthalene	13.711	162	258560	43.266	ng	97
48) 2-Nitroaniline	13.893	65	94116	46.986	ng	93
49) Acenaphthylene	14.551	152	455123	48.283	ng	99
50) Dimethylphthalate	14.269	163	378314	44.396	ng	99
51) 2,6-Dinitrotoluene	14.381	165	75593	53.379	ng	95
52) Acenaphthene	14.886	154	312503	48.525	ng	99
53) 3-Nitroaniline	14.716	138	50788	34.681	ng	# 93
54) 2,4-Dinitrophenol	14.915	184	91886	104.653	ng	# 37
55) Dibenzofuran	15.221	168	450376	43.257	ng	98
56) 4-Nitrophenol	15.009	139	125003	92.066	ng	93
57) 2,4-Dinitrotoluene	15.168	165	115994	53.016	ng	# 90
58) Fluorene	15.867	166	351831	43.269	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.438	232	135068	57.254	ng	96
60) Diethylphthalate	15.626	149	372323	42.792	ng	98
61) 4-Chlorophenyl-phenyle...	15.855	204	211241	46.293	ng	96
62) 4-Nitroaniline	15.873	138	76197	46.769	ng	95
63) Azobenzene	16.149	77	310519	38.896	ng	95
65) 4,6-Dinitro-2-methylph...	15.932	198	72318	57.633	ng	97
66) n-Nitrosodiphenylamine	16.067	169	329349	43.667	ng	99
67) 4-Bromophenyl-phenylether	16.749	248	160142	48.399	ng	95
68) Hexachlorobenzene	16.872	284	189824	50.287	ng	95
69) Atrazine	17.001	200	159013	48.991	ng	98
70) Pentachlorophenol	17.207	266	216061	91.789	ng	93
71) Phenanthrene	17.606	178	658029	43.095	ng	100
72) Anthracene	17.695	178	671412	43.227	ng	99
73) Carbazole	17.953	167	590349	43.102	ng	99
74) Di-n-butylphthalate	18.505	149	662809	41.848	ng	98
75) Fluoranthene	19.598	202	848792	44.374	ng	96
77) Benzidine	19.769	184	225718	30.388	ng	99
78) Pyrene	19.957	202	869715	40.151	ng	100
80) Butylbenzylphthalate	20.832	149	293780	44.874	ng	91
81) Benzo(a)anthracene	21.813	228	958954	43.622	ng	99
82) 3,3'-Dichlorobenzidine	21.713	252	249162	33.942	ng	100
83) Chrysene	21.878	228	893013	42.692	ng	99
84) Bis(2-ethylhexyl)phtha...	21.713	149	421223	43.058	ng	# 97
85) Di-n-octyl phthalate	22.959	149	717486	43.502	ng	95
87) Indeno(1,2,3-cd)pyrene	28.970	276	1186578	45.787	ng	# 96
88) Benzo(b)fluoranthene	24.099	252	971673	44.981	ng	# 98
89) Benzo(k)fluoranthene	24.169	252	1001913	46.349	ng	# 98
90) Benzo(a)pyrene	25.004	252	936274	47.152	ng	# 98
91) Dibenzo(a,h)anthracene	29.046	278	985393	46.803	ng	98
92) Benzo(g,h,i)perylene	30.162	276	944584	46.965	ng	# 95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 81
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

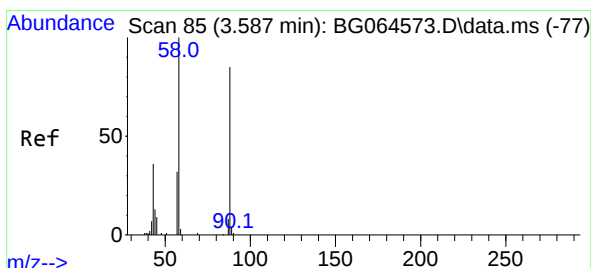
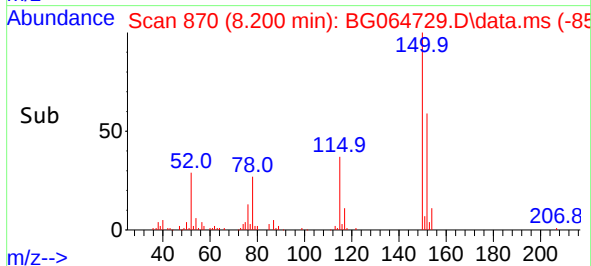
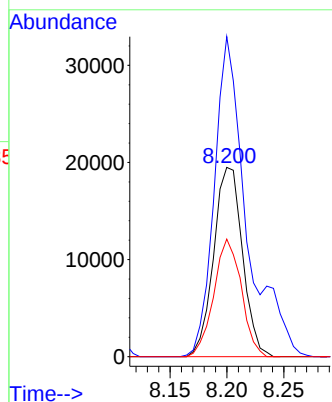
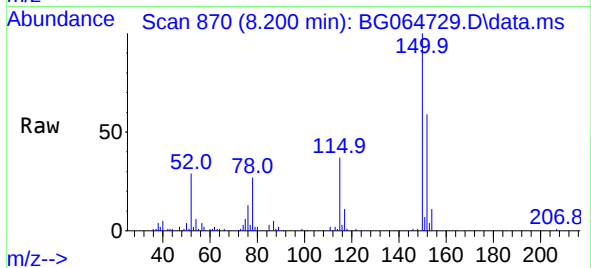
PB170450BS

Tgt Ion:152 Resp: 3441
Ion Ratio Lower Upper
152 100
150 169.1 122.2 183.4
115 62.2 50.8 76.2

Manual Integrations

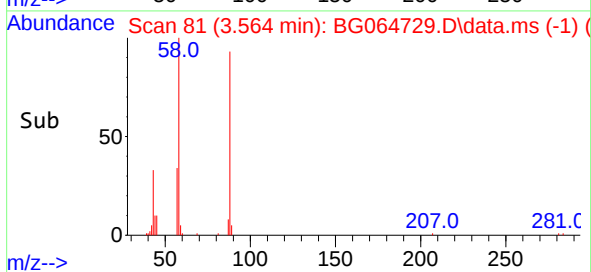
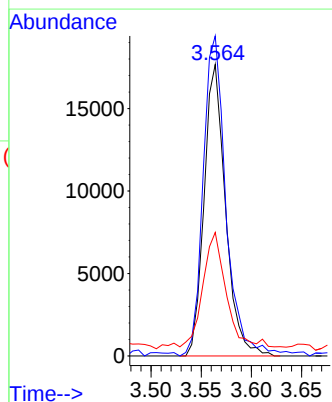
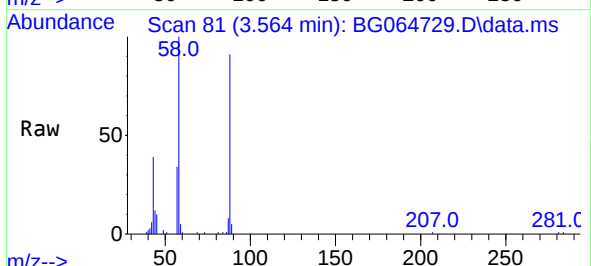
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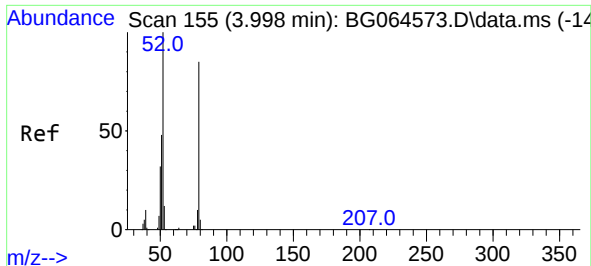
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#2
1,4-Dioxane
Concen: 29.062 ng
RT: 3.564 min Scan# 81
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

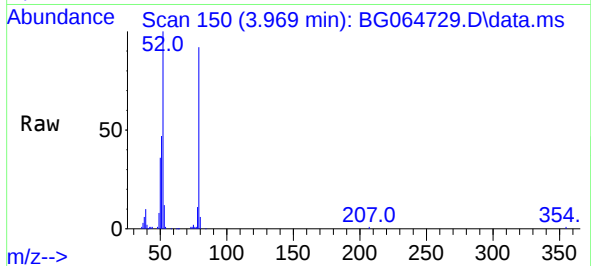
Tgt Ion: 88 Resp: 26378
Ion Ratio Lower Upper
88 100
58 117.5 92.4 138.6
43 46.8 33.0 49.6





#3
Pyridine
Concen: 25.169 ng
RT: 3.969 min Scan# 11
Delta R.T. -0.029 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

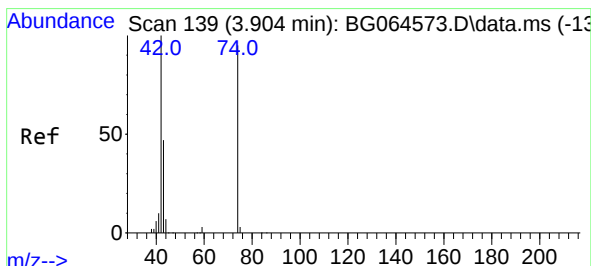
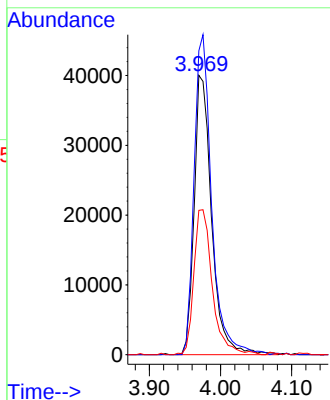
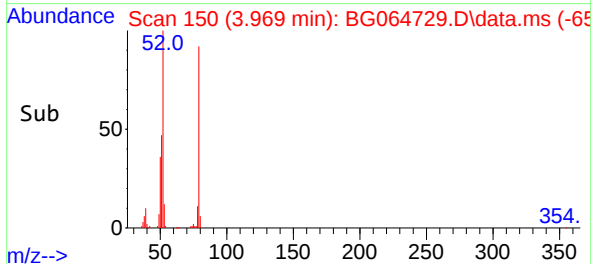
Instrument :
BNA_G
ClientSampleId :
PB170450BS



Tgt Ion: 79 Resp: 6860
Ion Ratio Lower Upper
79 100
52 108.8 94.2 141.2
51 51.7 46.1 69.1

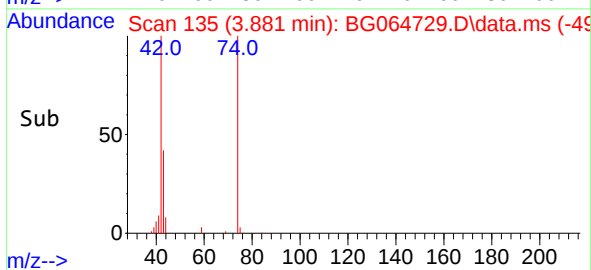
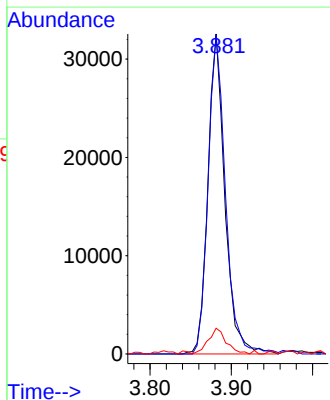
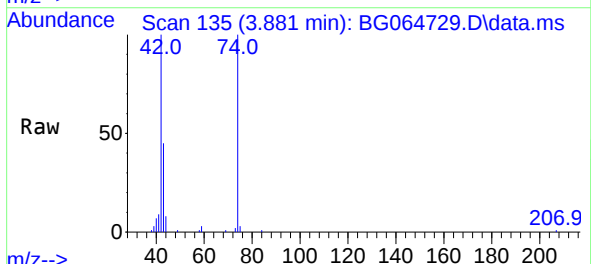
Manual Integrations
APPROVED

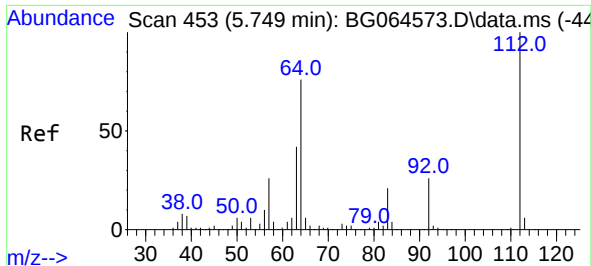
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#4
n-Nitrosodimethylamine
Concen: 32.260 ng
RT: 3.881 min Scan# 135
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion: 42 Resp: 47154
Ion Ratio Lower Upper
42 100
74 99.7 76.1 114.1
44 8.1 6.3 9.5





#5
2-Fluorophenol
Concen: 115.134 ng
RT: 5.738 min Scan# 411
Delta R.T. -0.011 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

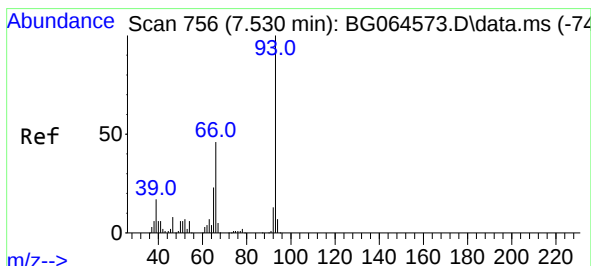
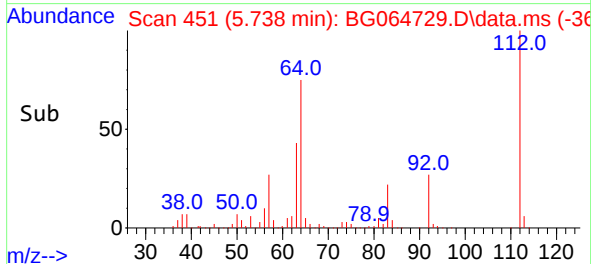
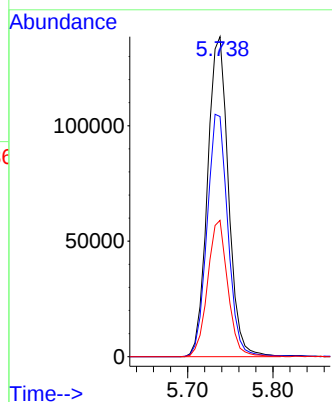
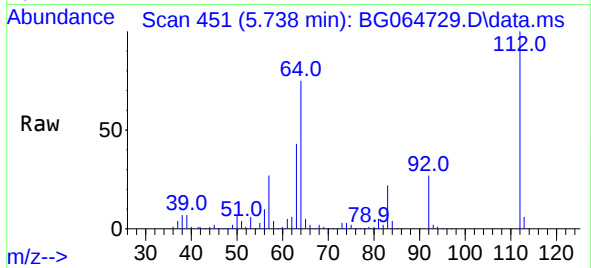
PB170450BS

Tgt Ion:112 Resp: 23603
Ion Ratio Lower Upper
112 100
64 75.1 60.7 91.1
63 42.6 33.4 50.0

Manual Integrations

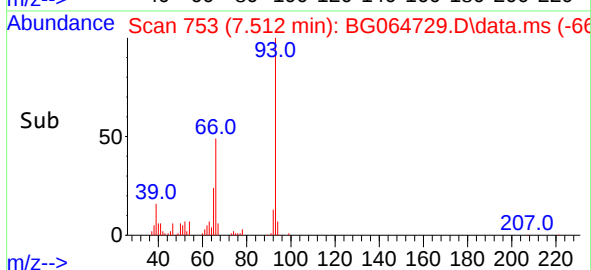
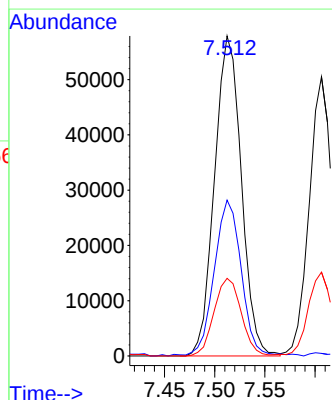
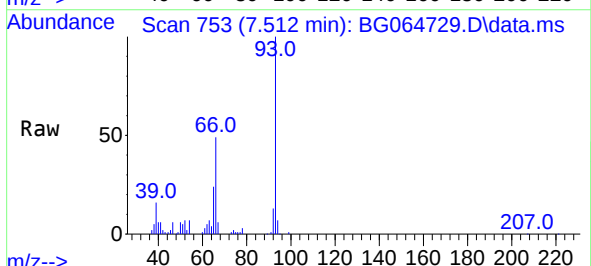
APPROVED

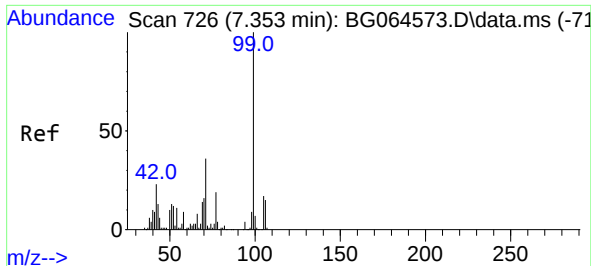
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#6
Aniline
Concen: 28.053 ng
RT: 7.512 min Scan# 753
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

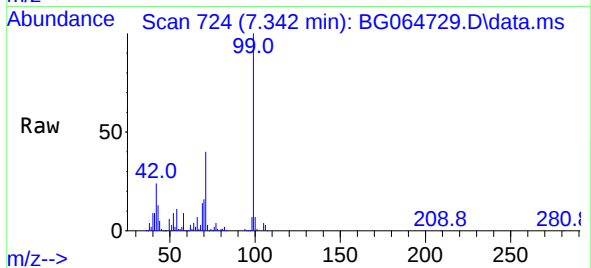
Tgt Ion: 93 Resp: 107385
Ion Ratio Lower Upper
93 100
66 48.7 37.0 55.6
65 24.3 18.3 27.5





#7
Phenol-d6
Concen: 116.246 ng
RT: 7.342 min Scan# 71
Delta R.T. -0.011 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

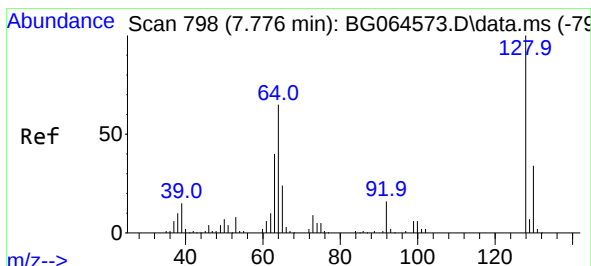
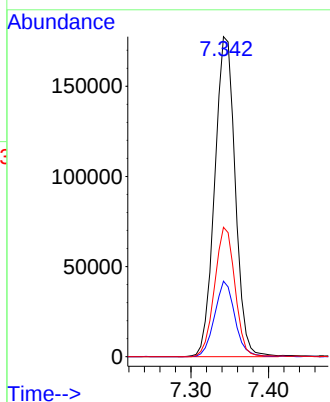
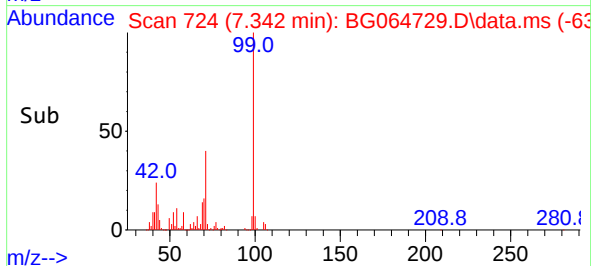
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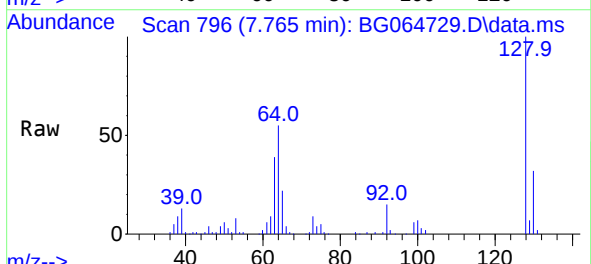
Tgt Ion: 99 Resp: 327020
Ion Ratio Lower Upper
99 100
42 23.6 18.3 27.5
71 40.5 28.6 43.0

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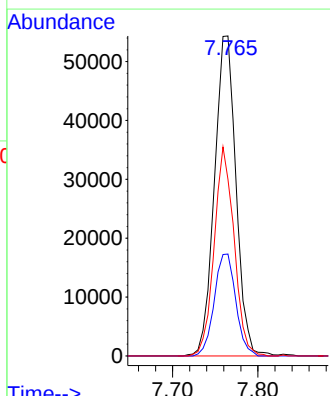
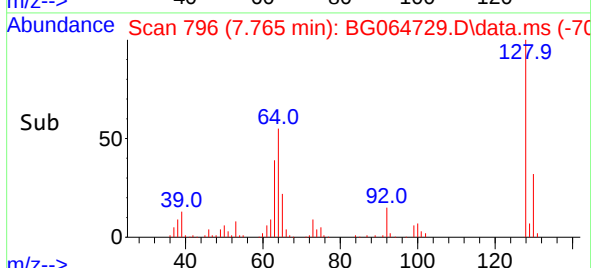
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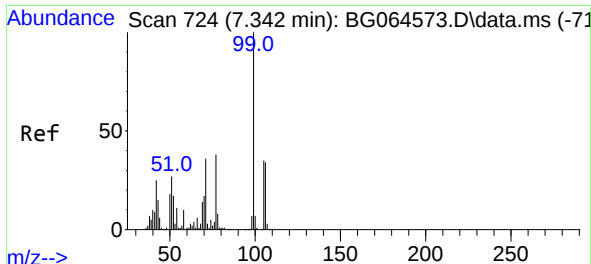


#8
2-Chlorophenol
Concen: 44.604 ng
RT: 7.765 min Scan# 796
Delta R.T. -0.011 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53



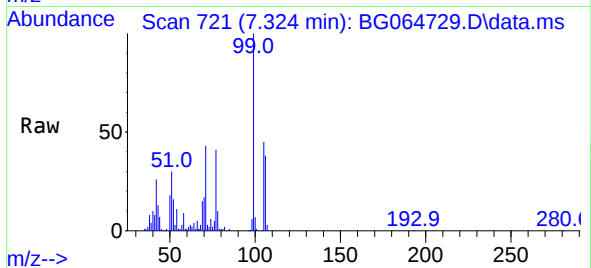
Tgt Ion:128 Resp: 95713
Ion Ratio Lower Upper
128 100
130 31.9 13.5 53.5
64 55.2 45.2 85.2





#9
Benzaldehyde
Concen: 24.587 ng
RT: 7.324 min Scan# 71
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

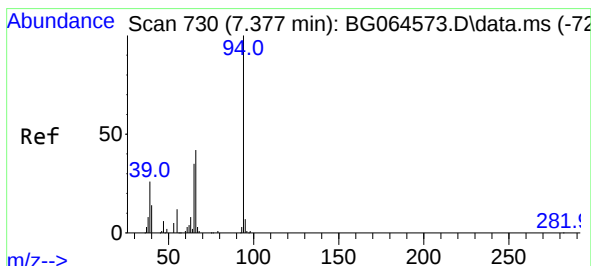
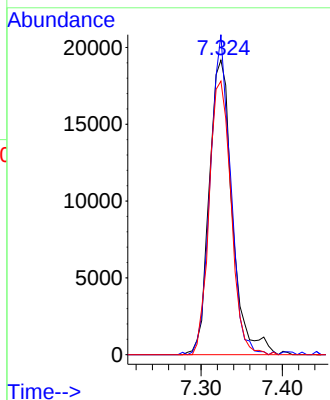
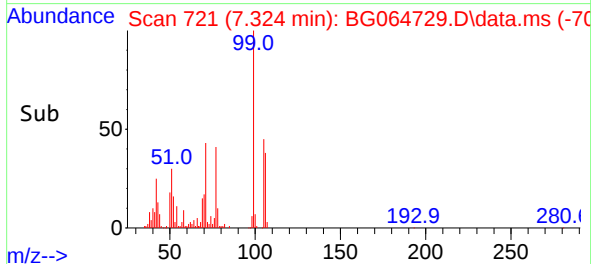
Instrument :
BNA_G
ClientSampleId :
PB170450BS



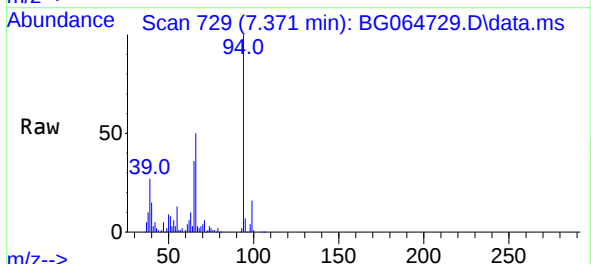
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Ion Ratio Lower Upper
77 100
105 108.6 72.9 112.9
106 92.9 70.8 110.8

Manual Integrations
APPROVED

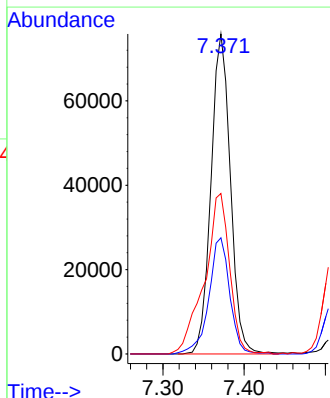
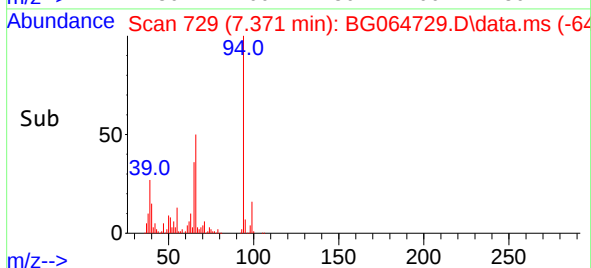
Reviewed By :Rahul Chavli 11/11/2025
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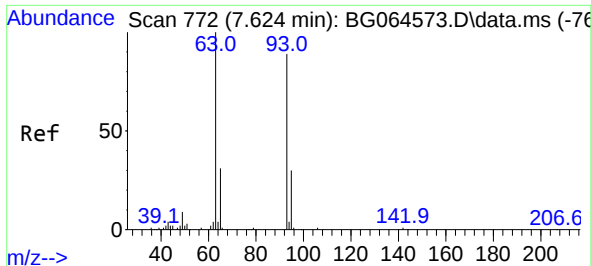


#10
Phenol
Concen: 40.480 ng
RT: 7.371 min Scan# 729
Delta R.T. -0.005 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53



Tgt Ion: 94 Resp: 125938
Ion Ratio Lower Upper
94 100
65 36.3 15.8 55.8
66 50.1 24.0 64.0





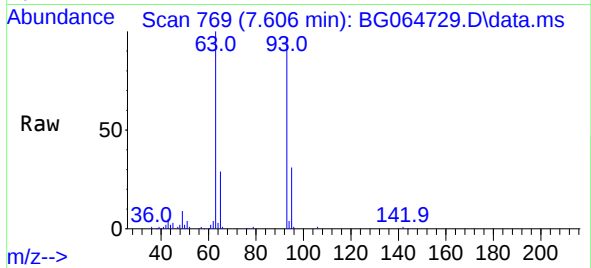
#11
bis(2-Chloroethyl)ether
Concen: 35.334 ng
RT: 7.606 min Scan# 701
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

PB170450BS

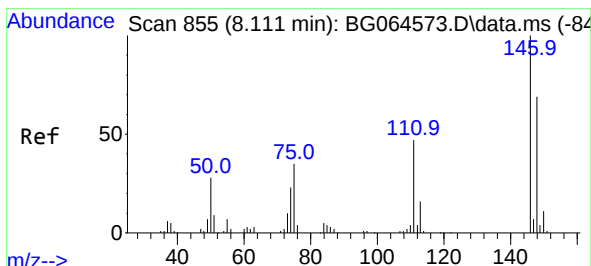
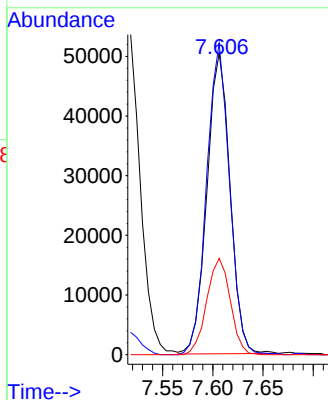
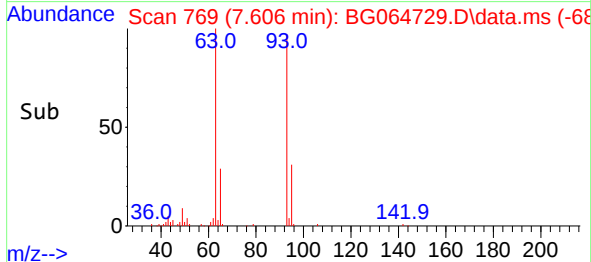


Tgt Ion: 93 Resp: 8082
Ion Ratio Lower Upper
93 100
63 103.4 91.3 131.3
95 32.0 13.3 53.3

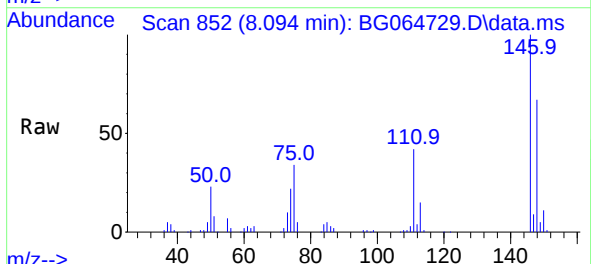
Manual Integrations

APPROVED

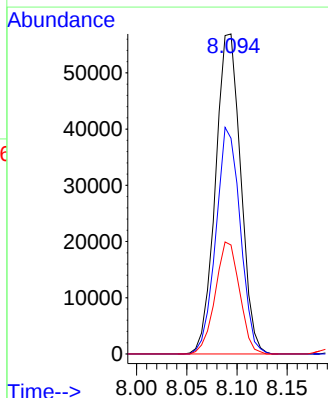
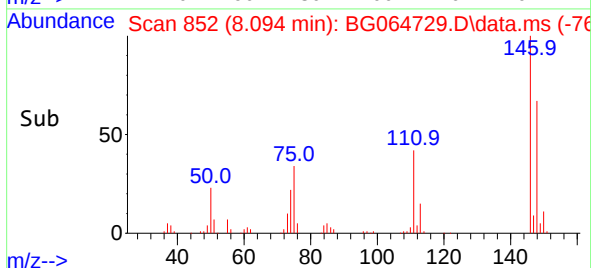
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025

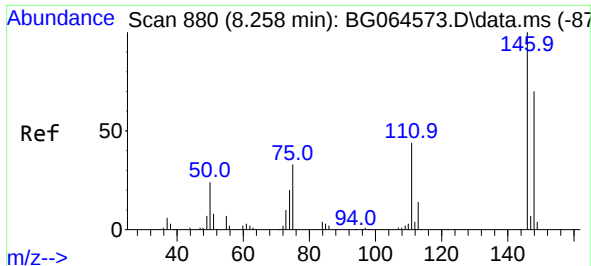


#12
1,3-Dichlorobenzene
Concen: 40.197 ng
RT: 8.094 min Scan# 852
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53



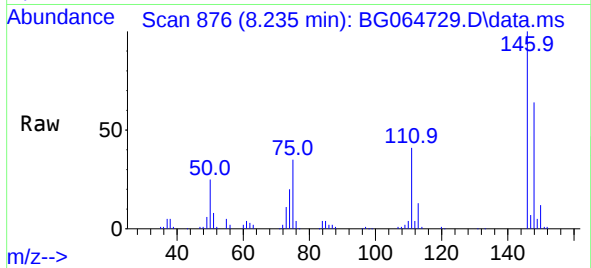
Tgt Ion:146 Resp: 99277
Ion Ratio Lower Upper
146 100
148 67.4 55.3 82.9
75 34.1 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 41.869 ng
RT: 8.235 min Scan# 81
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

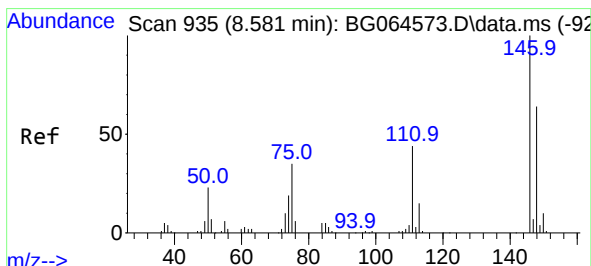
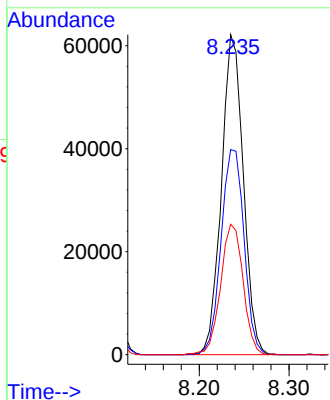
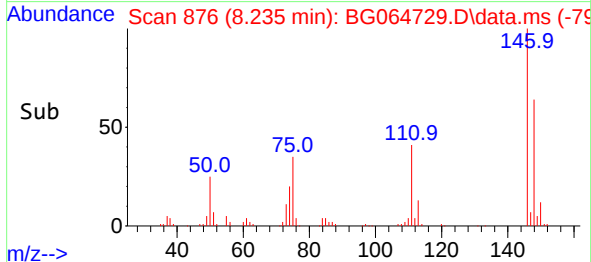
Instrument :
BNA_G
ClientSampleId :
PB170450BS



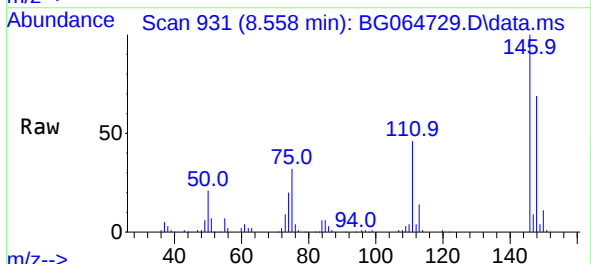
Tgt Ion:146 Resp: 105140
Ion Ratio Lower Upper
146 100
148 64.1 56.2 84.4
111 40.7 35.4 53.0

Manual Integrations
APPROVED

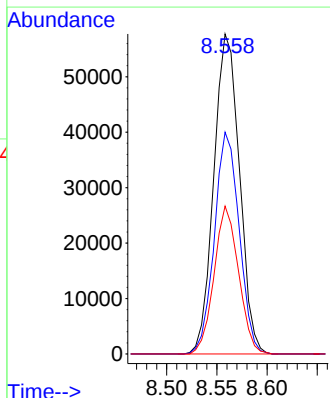
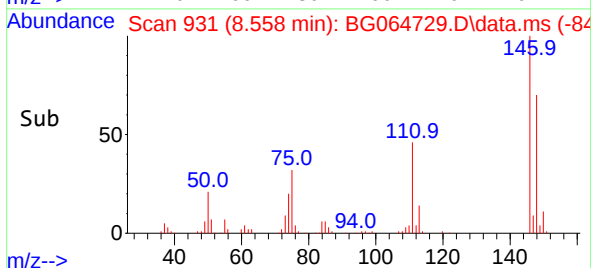
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025

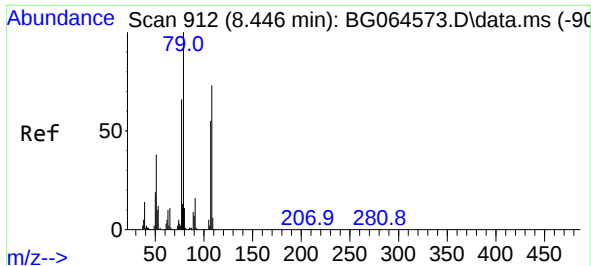


#14
1,2-Dichlorobenzene
Concen: 42.291 ng
RT: 8.558 min Scan# 931
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53



Tgt Ion:146 Resp: 102438
Ion Ratio Lower Upper
146 100
148 69.3 51.5 77.3
111 46.2 35.0 52.6





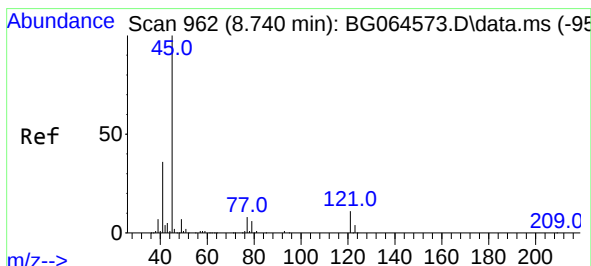
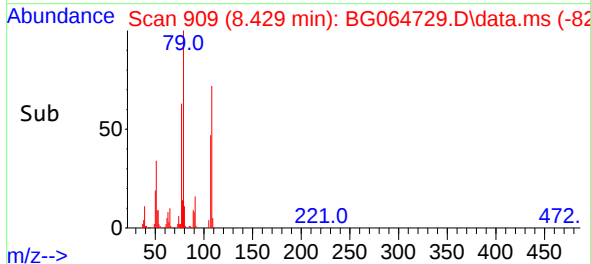
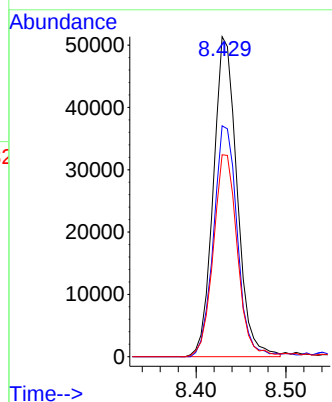
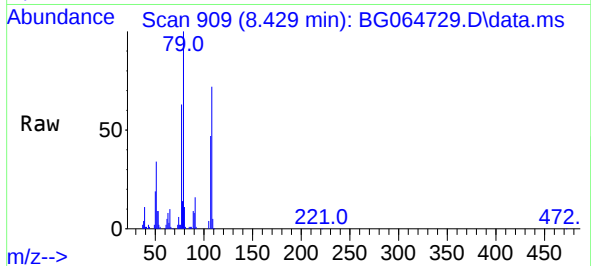
#15
Benzyl Alcohol
Concen: 40.523 ng
RT: 8.429 min Scan# 909
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :
BNA_G
ClientSampleId :
PB170450BS

Tgt Ion: 79 Resp: 9400
Ion Ratio Lower Upper
79 100
108 72.2 58.1 87.1
77 63.1 52.8 79.2

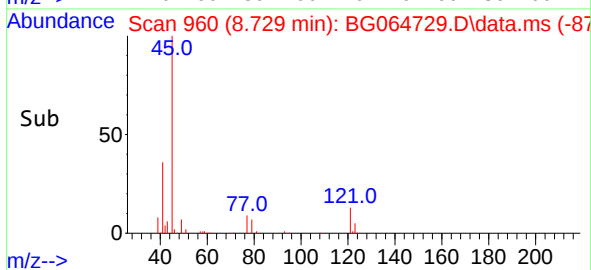
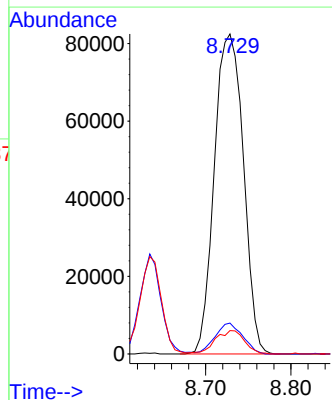
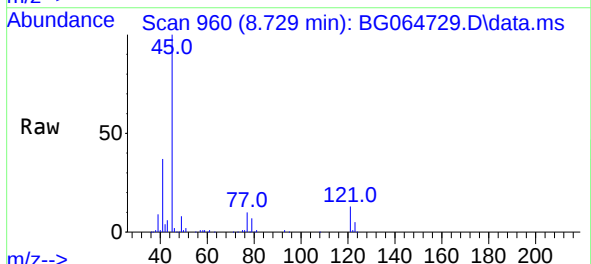
Manual Integrations
APPROVED

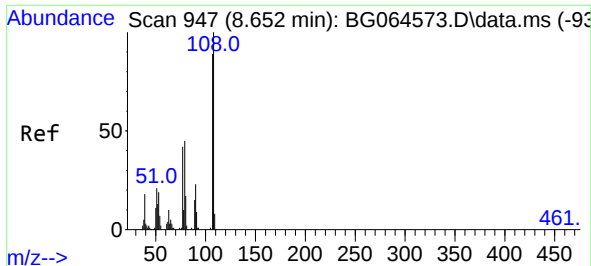
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.530 ng
RT: 8.729 min Scan# 960
Delta R.T. -0.011 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

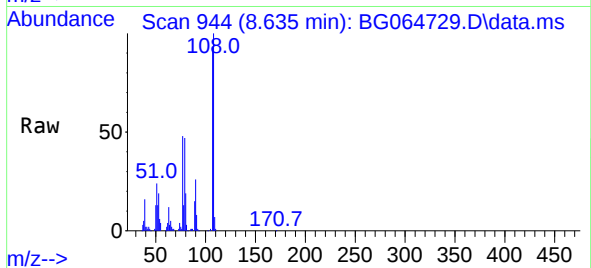
Tgt Ion: 45 Resp: 195180
Ion Ratio Lower Upper
45 100
77 9.6 0.0 28.5
79 7.3 0.0 25.6





#17
2-Methylphenol
Concen: 42.030 ng
RT: 8.635 min Scan# 947
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

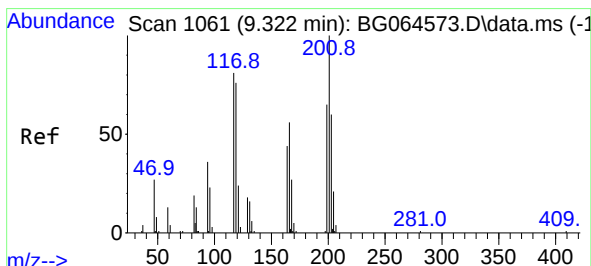
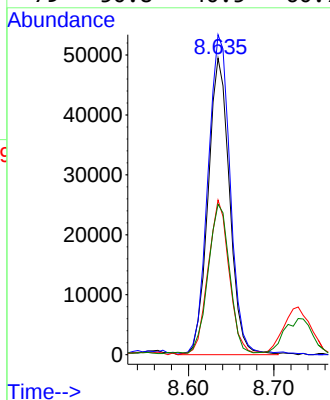
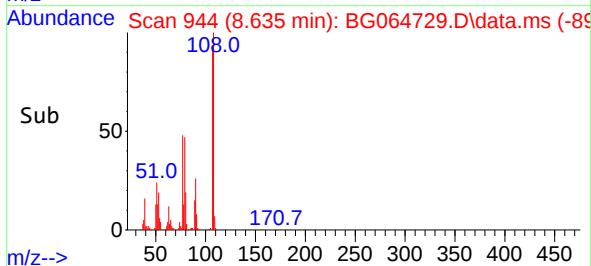
Instrument :
BNA_G
ClientSampleId :
PB170450BS



Tgt Ion:107 Resp: 86818
Ion Ratio Lower Upper
107 100
108 108.0 90.0 135.0
77 52.1 37.8 56.8
79 50.8 40.5 60.7

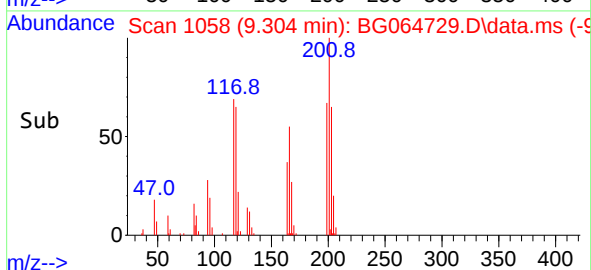
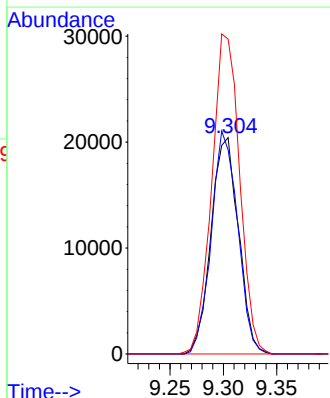
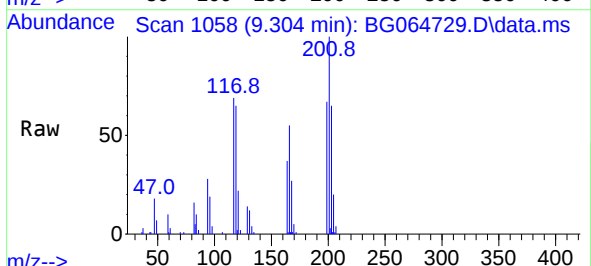
Manual Integrations
APPROVED

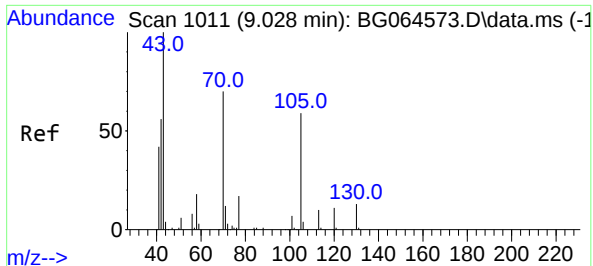
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#18
Hexachloroethane
Concen: 41.550 ng
RT: 9.304 min Scan# 1058
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:117 Resp: 36617
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.2
201 149.7 99.2 148.8#





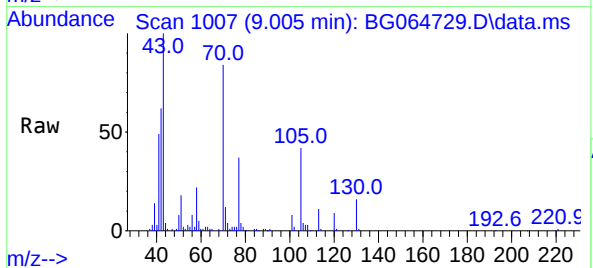
#19
n-Nitroso-di-n-propylamine
Concen: 38.262 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

PB170450BS



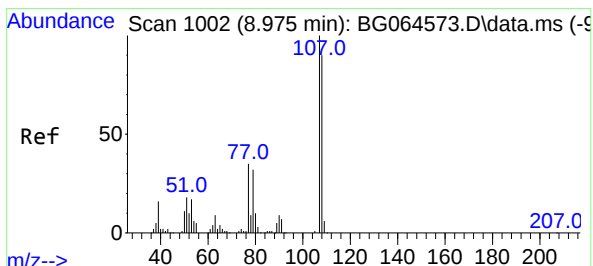
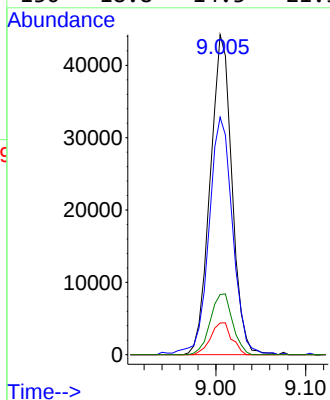
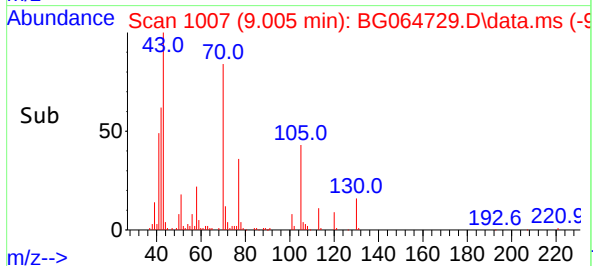
Tgt Ion: 70 Resp: 74389
Ion Ratio Lower Upper
70 100
42 74.2 65.2 97.8
101 9.9 7.9 11.9
130 18.8 14.3 21.5

Manual Integrations

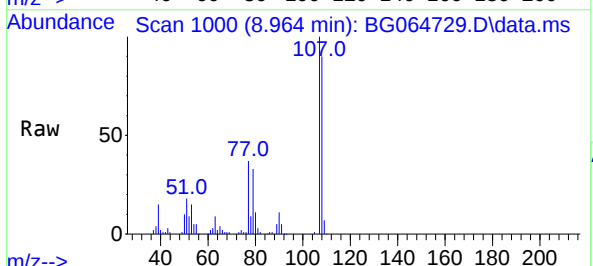
APPROVED

Reviewed By :Rahul Chavli 11/11/2025

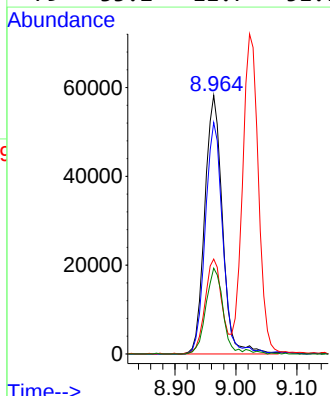
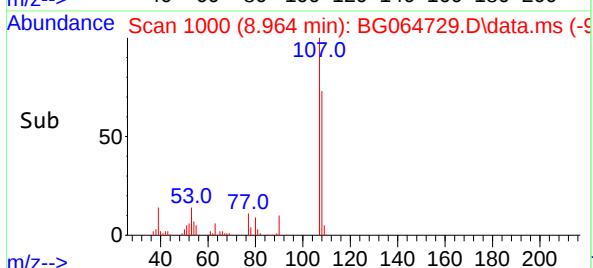
Supervised By :Jagrut Upadhyay 11/11/2025

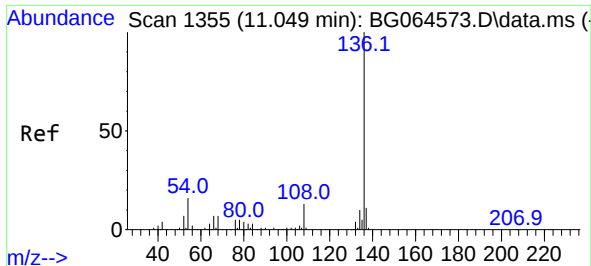


#20
3+4-Methylphenols
Concen: 40.503 ng
RT: 8.964 min Scan# 1000
Delta R.T. -0.011 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53



Tgt Ion:107 Resp: 117659
Ion Ratio Lower Upper
107 100
108 89.5 70.3 110.3
77 36.7 14.6 54.6
79 33.2 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.026 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

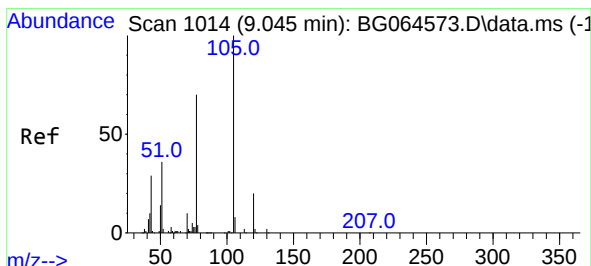
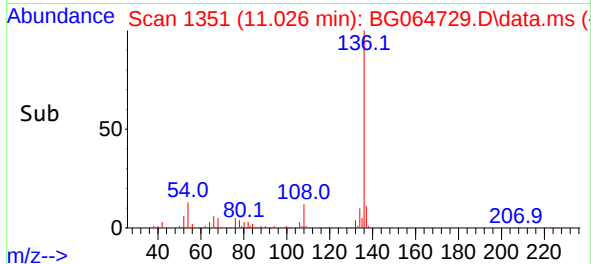
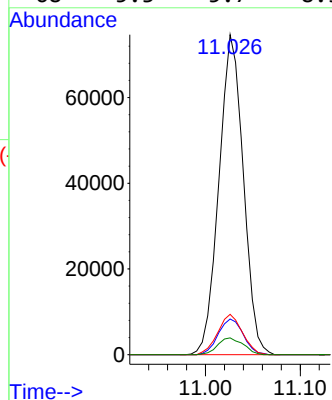
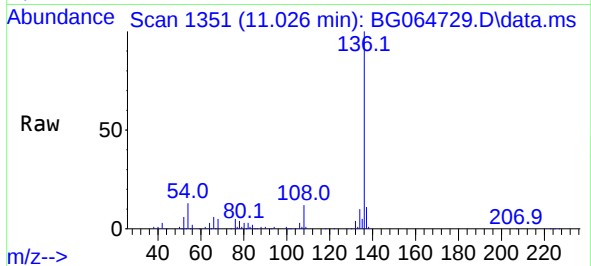
PB170450BS

Tgt Ion:136 Resp: 133424
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 12.6 12.6 19.0
68 5.3 5.7 8.5#

Manual Integrations

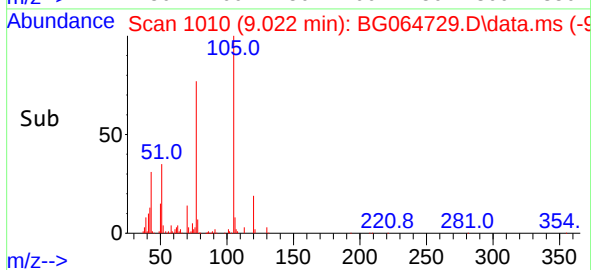
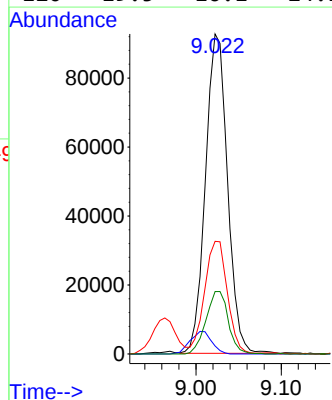
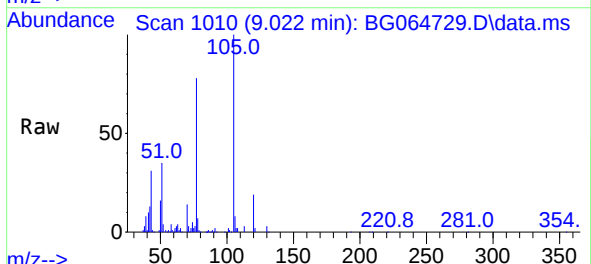
APPROVED

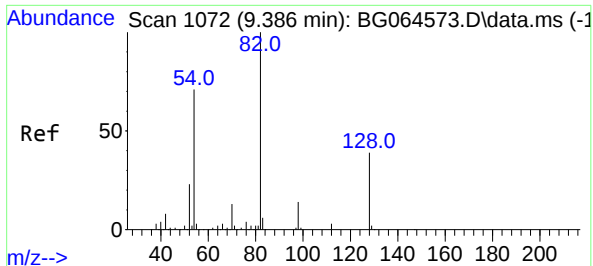
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#22
Acetophenone
Concen: 45.566 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:105 Resp: 166193
Ion Ratio Lower Upper
105 100
71 2.5 1.5 2.3#
51 35.2 33.7 50.5
120 19.5 16.1 24.1





#23

Nitrobenzene-d5

Concen: 95.119 ng

RT: 9.369 min Scan# 1069

Delta R.T. -0.017 min

Lab File: BG064729.D

Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

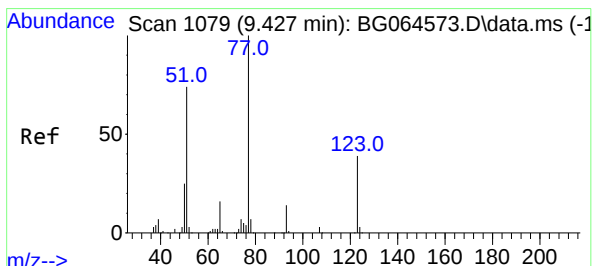
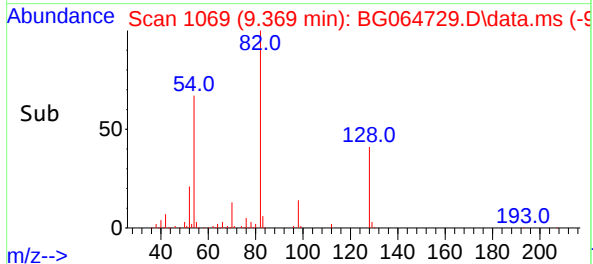
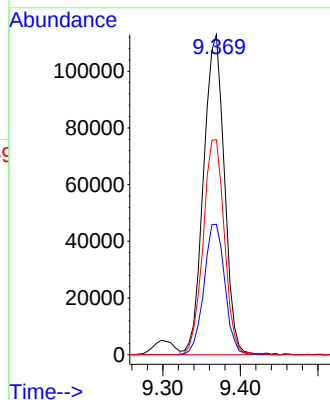
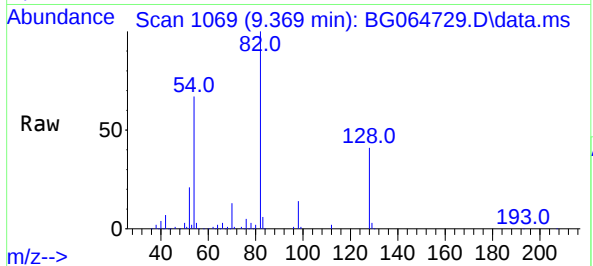
PB170450BS

Tgt Ion: 82 Resp: 211298
 Ion Ratio Lower Upper
 82 100
 128 40.8 31.3 46.9
 54 67.2 56.6 84.8

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 47.369 ng

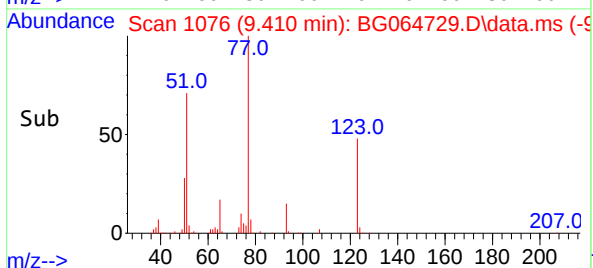
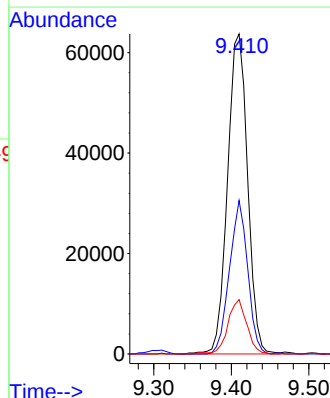
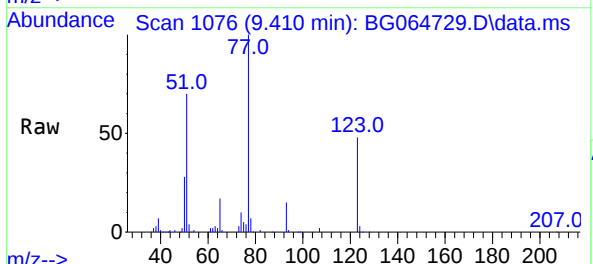
RT: 9.410 min Scan# 1076

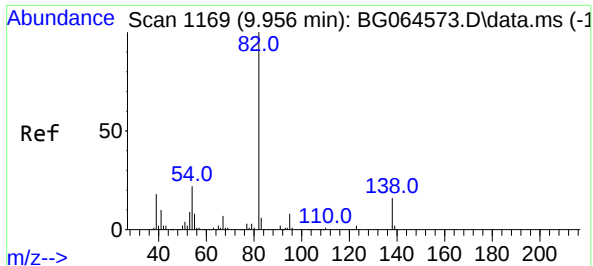
Delta R.T. -0.017 min

Lab File: BG064729.D

Acq: 10 Nov 2025 11:53

Tgt Ion: 77 Resp: 114451
 Ion Ratio Lower Upper
 77 100
 123 48.0 31.0 46.6#
 65 17.0 12.7 19.1





#25
Isophorone
Concen: 39.542 ng
RT: 9.939 min Scan# 1166
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

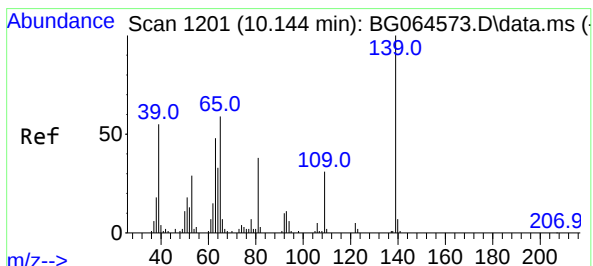
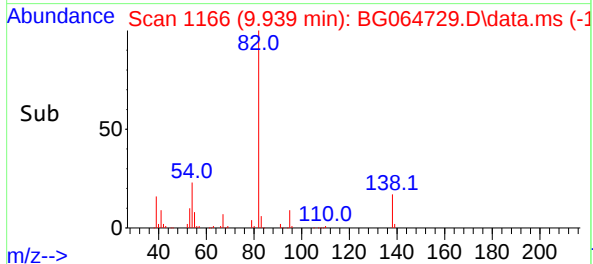
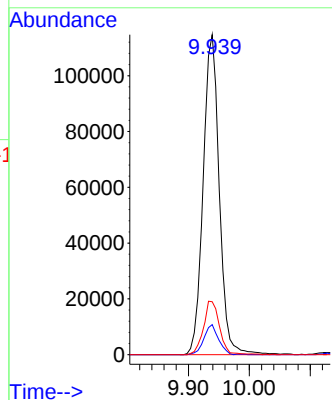
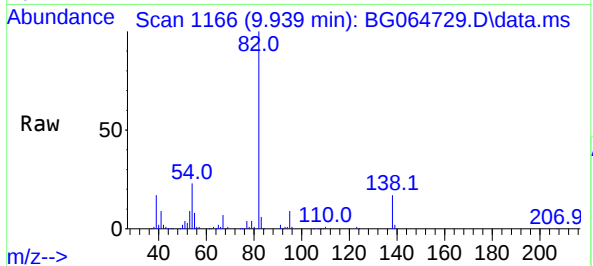
PB170450BS

Tgt Ion: 82 Resp: 210775
Ion Ratio Lower Upper
82 100
95 9.4 6.1 9.1
138 16.6 13.0 19.4

Manual Integrations

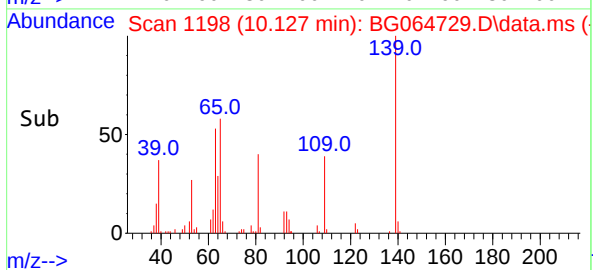
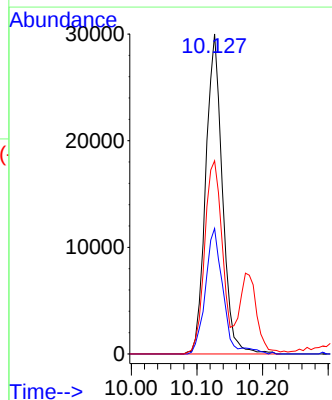
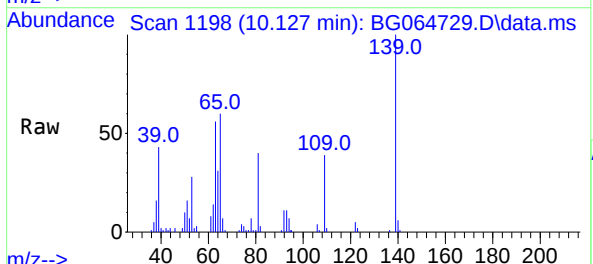
APPROVED

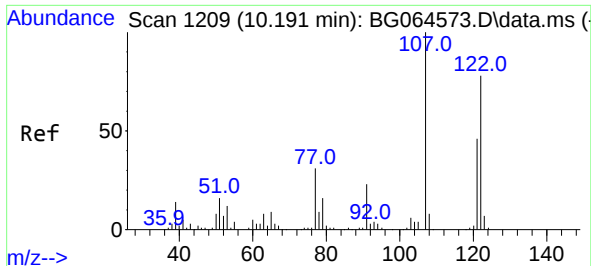
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#26
2-Nitrophenol
Concen: 56.395 ng
RT: 10.127 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:139 Resp: 53119
Ion Ratio Lower Upper
139 100
109 39.2 24.6 37.0
65 60.4 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 48.727 ng
RT: 10.180 min Scan# 101
Delta R.T. -0.011 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

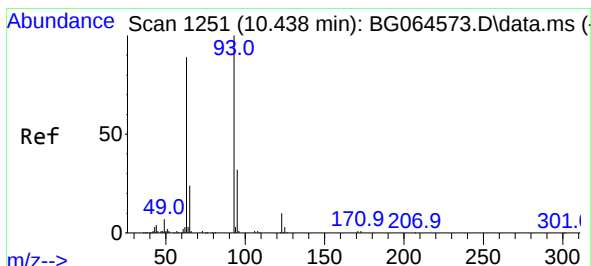
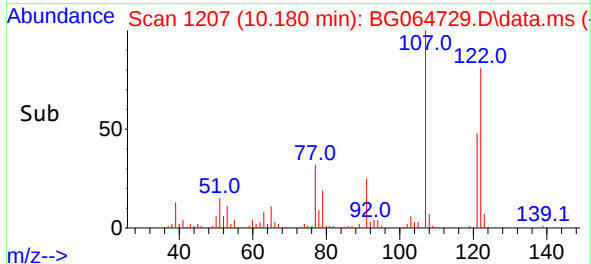
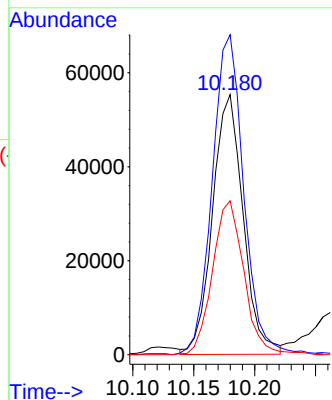
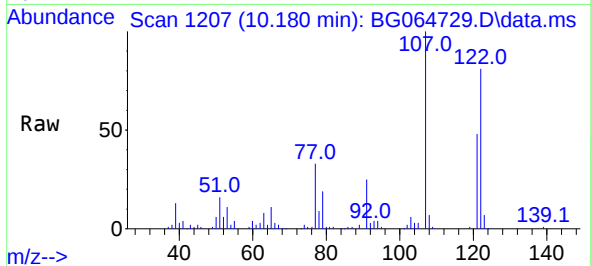
PB170450BS

Tgt Ion:122 Resp: 9661
Ion Ratio Lower Upper
122 100
107 123.0 103.0 154.4
121 59.2 47.8 71.8

Manual Integrations

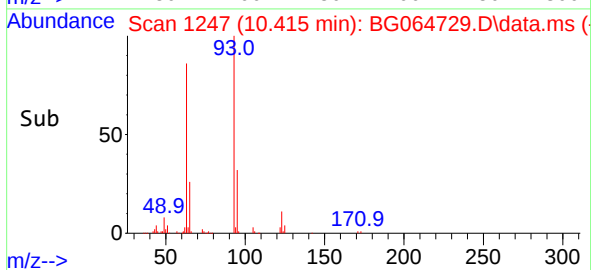
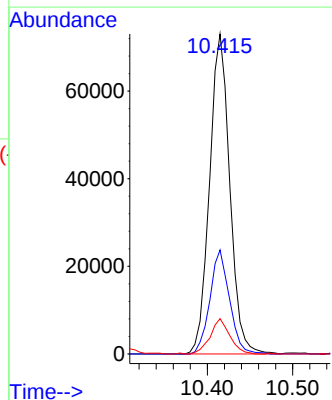
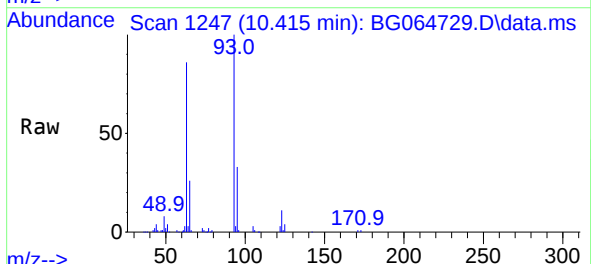
APPROVED

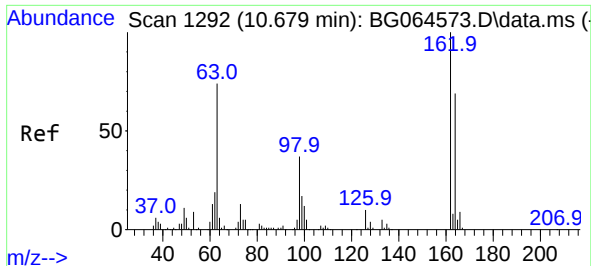
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#28
bis(2-Chloroethoxy)methane
Concen: 39.650 ng
RT: 10.415 min Scan# 1247
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

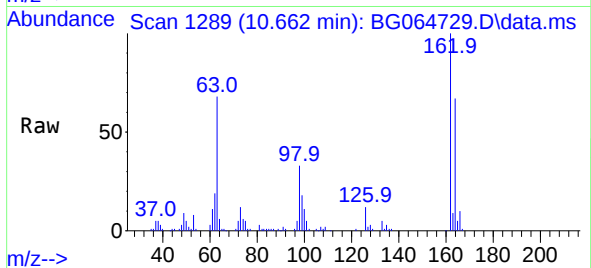
Tgt Ion: 93 Resp: 120335
Ion Ratio Lower Upper
93 100
95 32.5 25.4 38.2
123 11.0 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 49.719 ng
RT: 10.662 min Scan# 1289
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

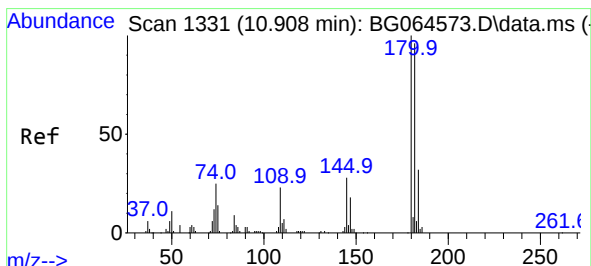
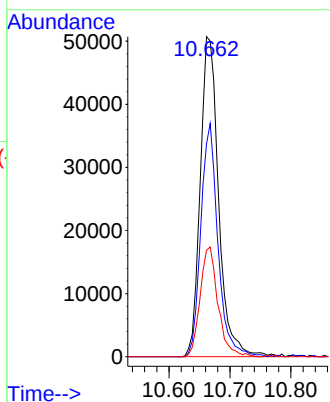
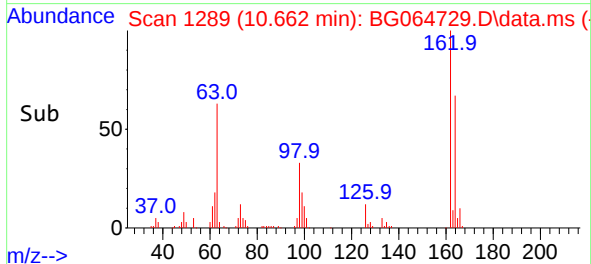
Instrument :
BNA_G
ClientSampleId :
PB170450BS



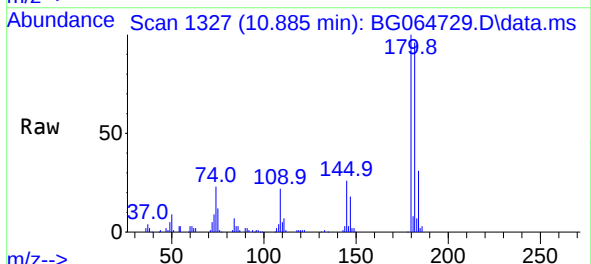
Tgt Ion:162 Resp: 10609
Ion Ratio Lower Upper
162 100
164 66.5 48.7 88.7
98 33.3 16.9 56.9

Manual Integrations
APPROVED

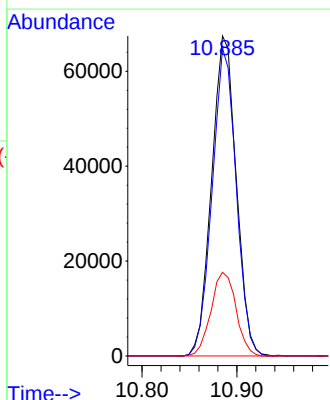
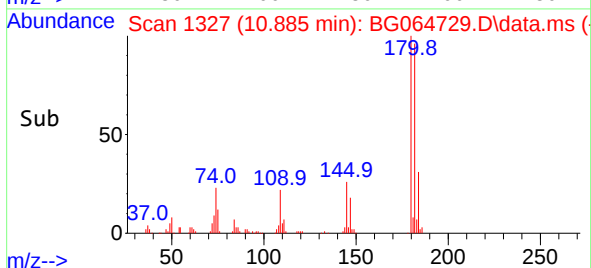
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025

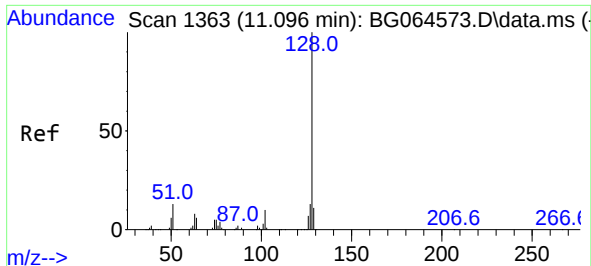


#30
1,2,4-Trichlorobenzene
Concen: 50.127 ng
RT: 10.885 min Scan# 1327
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53



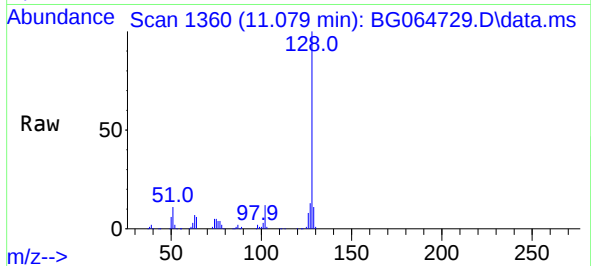
Tgt Ion:180 Resp: 121531
Ion Ratio Lower Upper
180 100
182 96.2 76.9 115.3
145 26.2 22.1 33.1





#31
Naphthalene
Concen: 41.590 ng
RT: 11.079 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

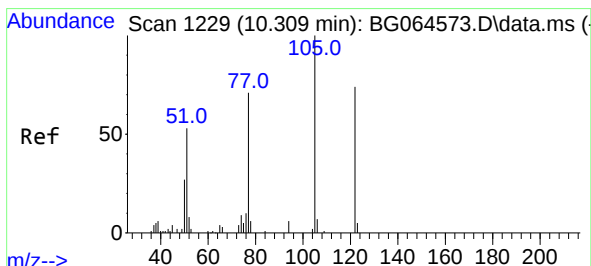
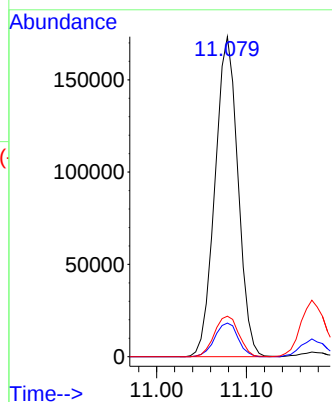
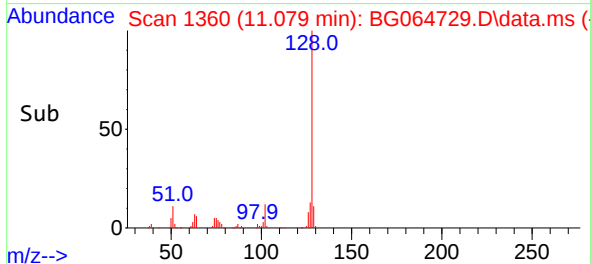
Instrument :
BNA_G
ClientSampleId :
PB170450BS



Tgt Ion:128 Resp: 30766
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 12.7 10.6 15.8

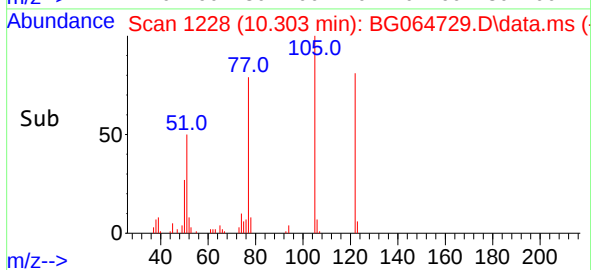
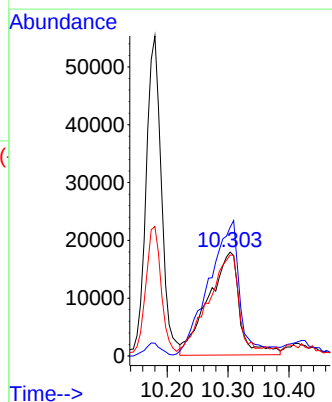
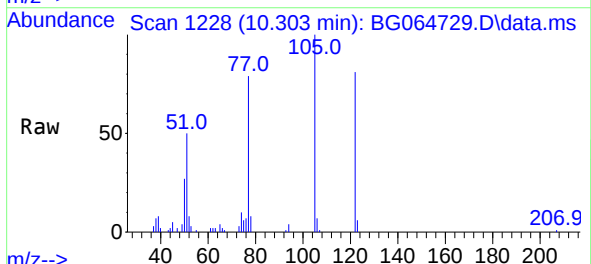
Manual Integrations
APPROVED

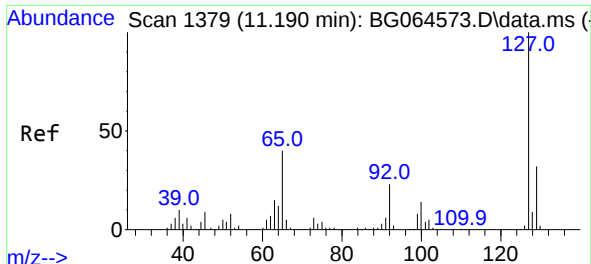
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#32
Benzoic acid
Concen: 43.122 ng
RT: 10.303 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:122 Resp: 64073
Ion Ratio Lower Upper
122 100
105 124.0 104.2 144.2
77 97.3 70.2 110.2





#33
4-Chloroaniline
Concen: 21.574 ng
RT: 11.173 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

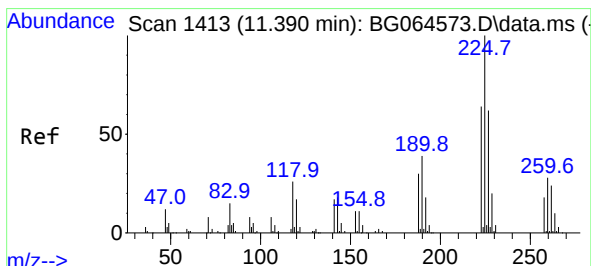
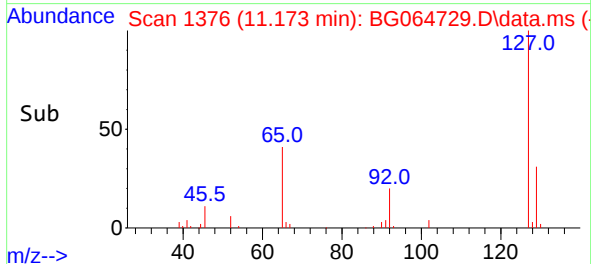
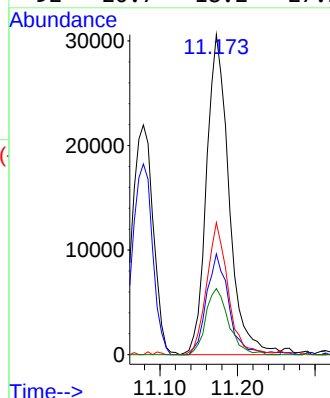
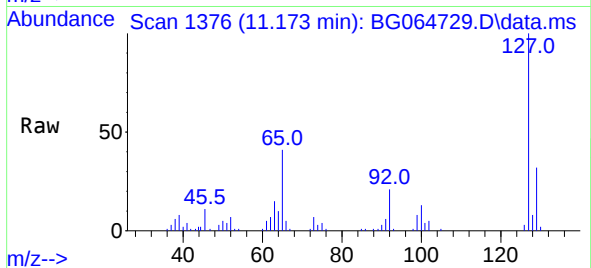
PB170450BS

Tgt Ion:127 Resp: 6203
Ion Ratio Lower Upper
127 100
129 31.5 25.5 38.3
65 41.3 32.2 48.4
92 20.7 18.2 27.2

Manual Integrations

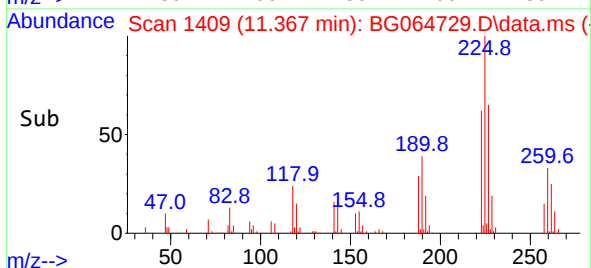
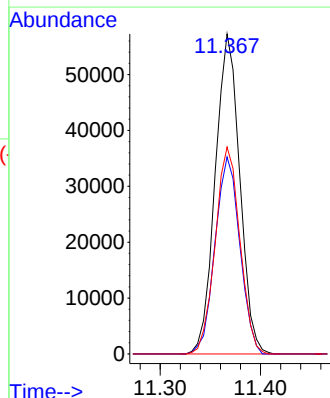
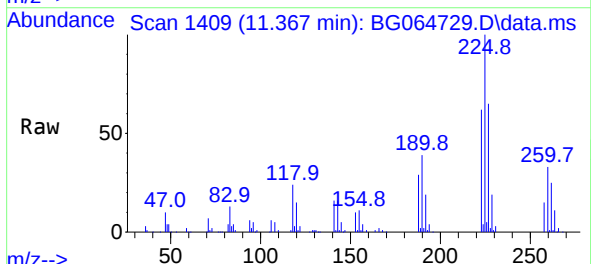
APPROVED

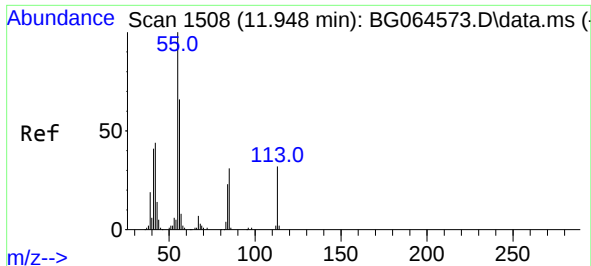
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#34
Hexachlorobutadiene
Concen: 51.196 ng
RT: 11.367 min Scan# 1409
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:225 Resp: 97070
Ion Ratio Lower Upper
225 100
223 58.9 48.8 73.2
227 61.8 49.5 74.3





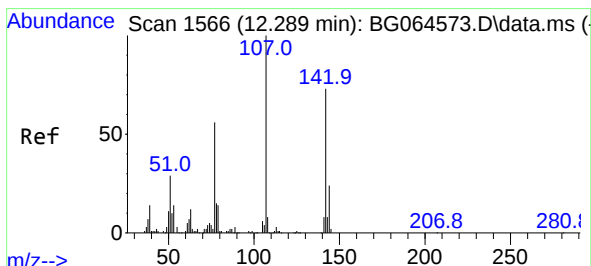
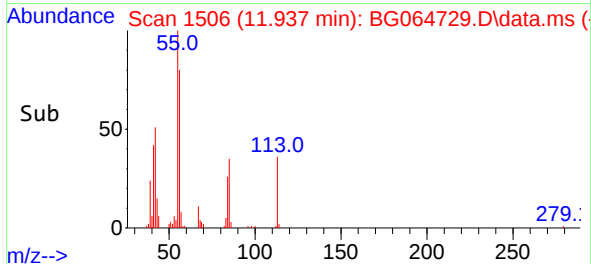
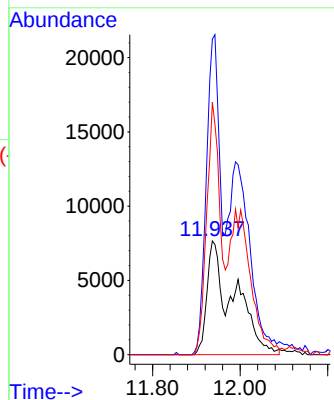
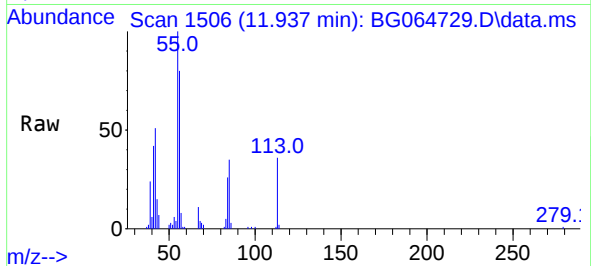
#35
Caprolactam
Concen: 39.938 ng m
RT: 11.937 min Scan# 1508
Delta R.T. -0.011 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :
BNA_G
ClientSampleId :
PB170450BS

Tgt Ion:113 Resp: 32680
Ion Ratio Lower Upper
113 100
55 277.2 290.1 330.1
56 221.8 183.8 223.8

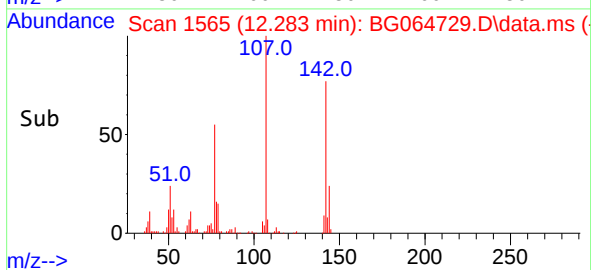
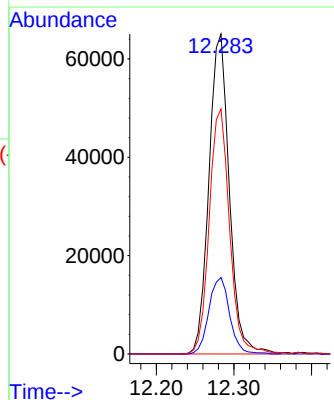
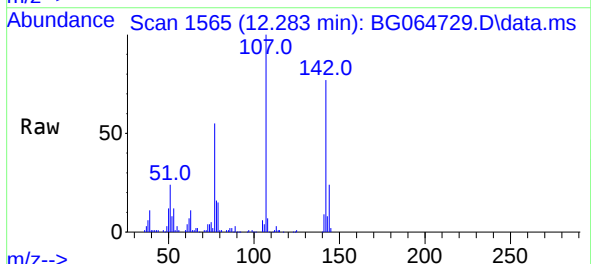
Manual Integrations
APPROVED

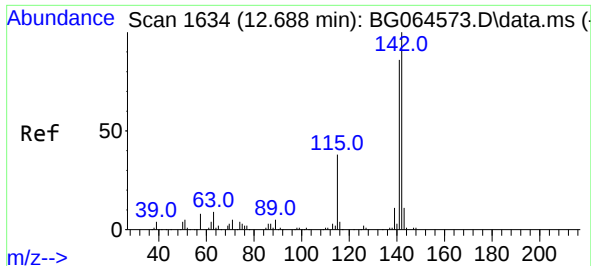
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#36
4-Chloro-3-methylphenol
Concen: 46.339 ng
RT: 12.283 min Scan# 1565
Delta R.T. -0.005 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:107 Resp: 118854
Ion Ratio Lower Upper
107 100
144 23.9 19.1 28.7
142 76.6 58.6 87.8





#37
2-Methylnaphthalene
Concen: 39.203 ng
RT: 12.671 min Scan# 1631
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

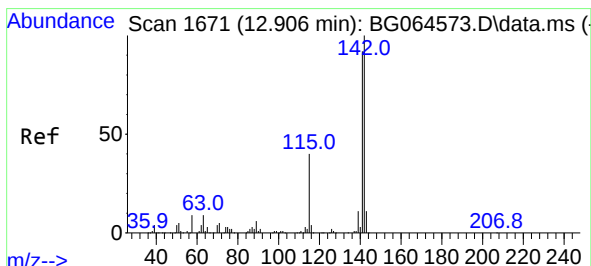
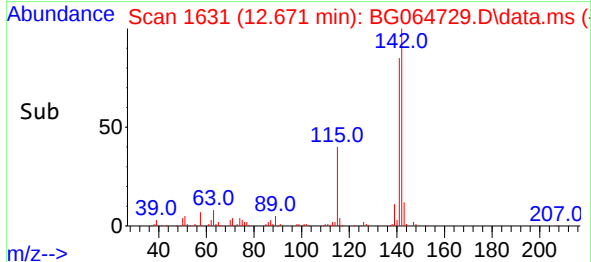
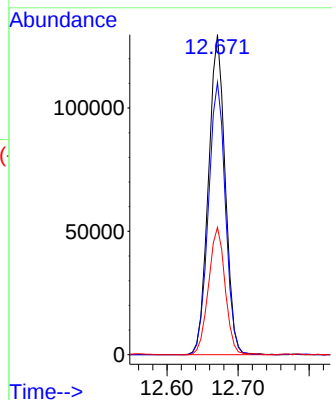
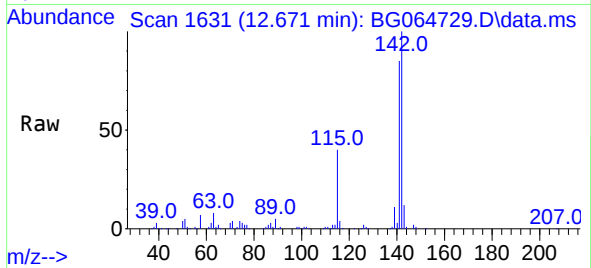
PB170450BS

Tgt Ion:142 Resp: 212915
Ion Ratio Lower Upper
142 100
141 85.1 68.9 103.3
115 39.8 30.6 46.0

Manual Integrations

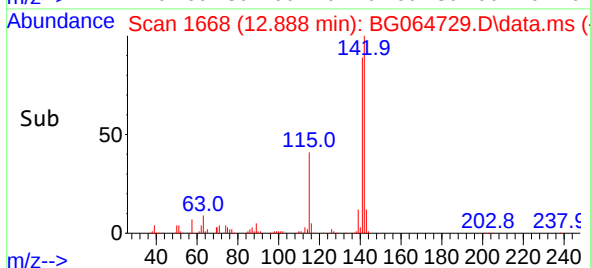
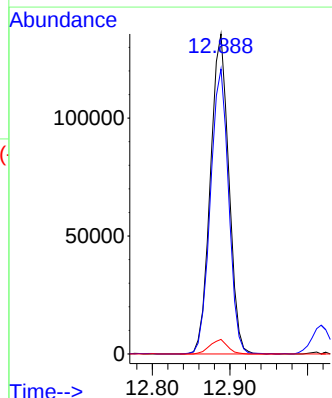
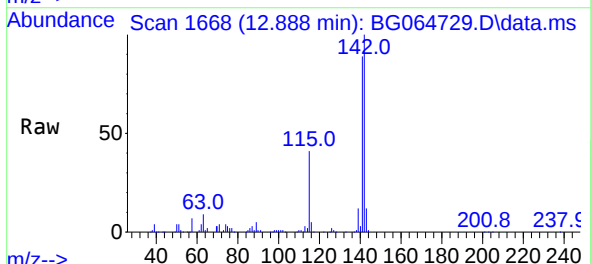
APPROVED

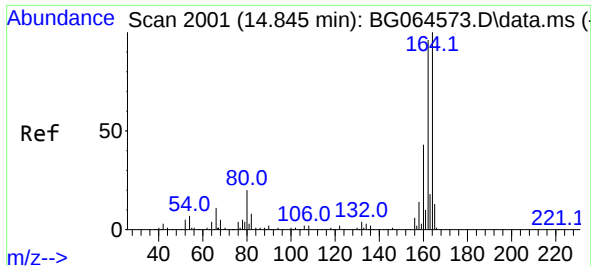
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#38
1-Methylnaphthalene
Concen: 41.560 ng
RT: 12.888 min Scan# 1668
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:142 Resp: 223450
Ion Ratio Lower Upper
142 100
141 89.1 73.3 109.9
116 4.6 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.827 min Scan# 1998
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

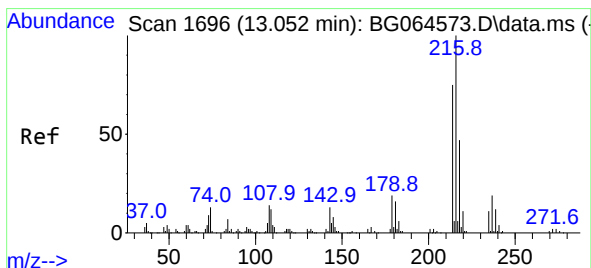
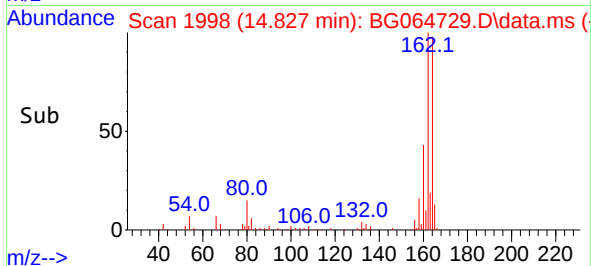
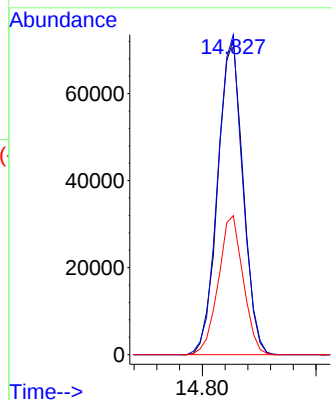
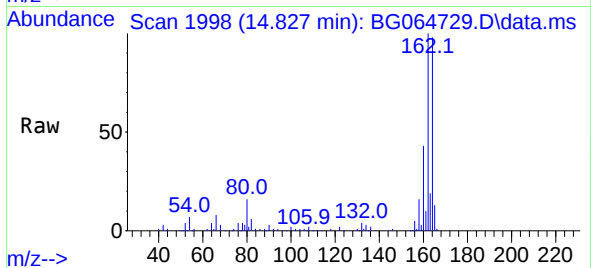
PB170450BS

Tgt Ion:164 Resp: 111362
Ion Ratio Lower Upper
164 100
162 101.6 77.0 115.6
160 44.2 34.4 51.6

Manual Integrations

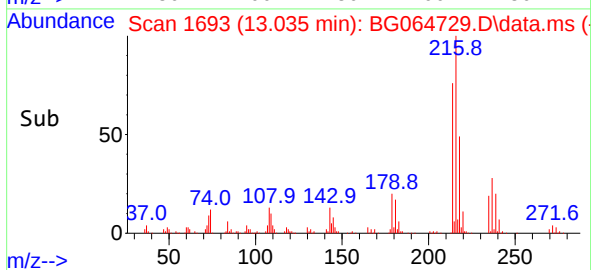
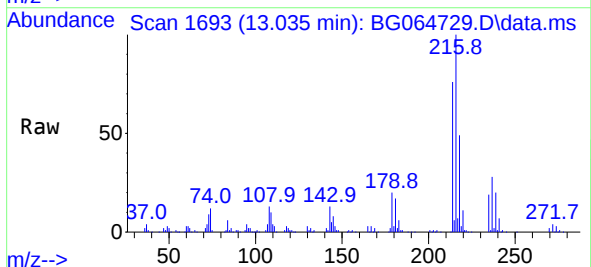
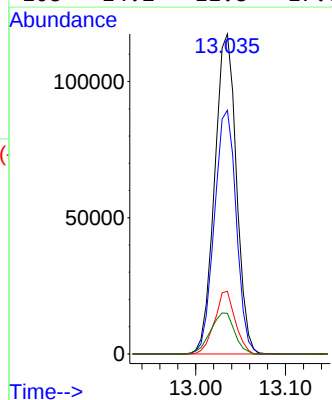
APPROVED

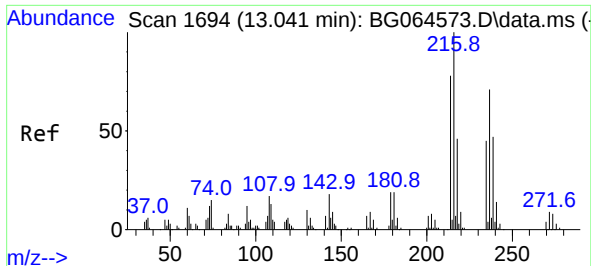
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.858 ng
RT: 13.035 min Scan# 1693
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

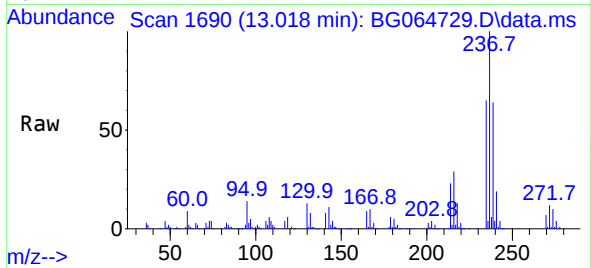
Tgt Ion:216 Resp: 197551
Ion Ratio Lower Upper
216 100
214 76.4 61.4 92.2
179 18.6 15.4 23.0
108 14.2 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 140.287 ng
RT: 13.018 min Scan# 1
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

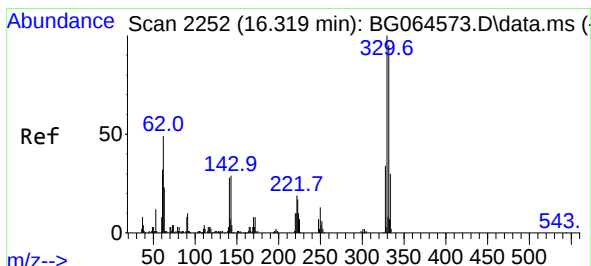
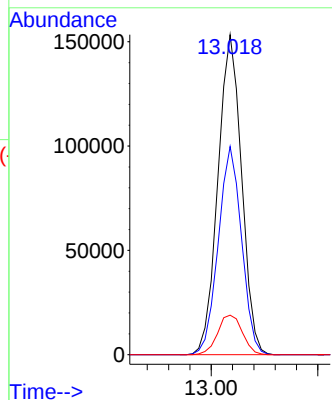
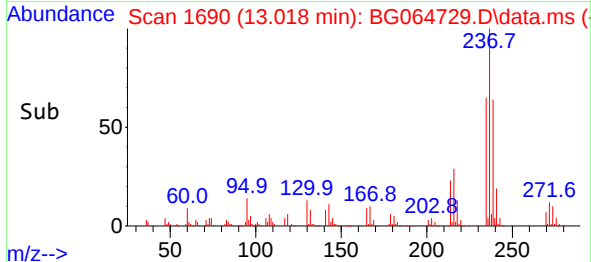
Instrument :
BNA_G
ClientSampleId :
PB170450BS



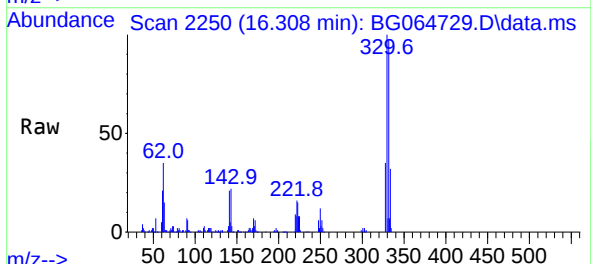
Tgt Ion:237 Resp: 235994
Ion Ratio Lower Upper
237 100
235 65.1 44.1 84.1
272 12.4 0.0 32.4

Manual Integrations
APPROVED

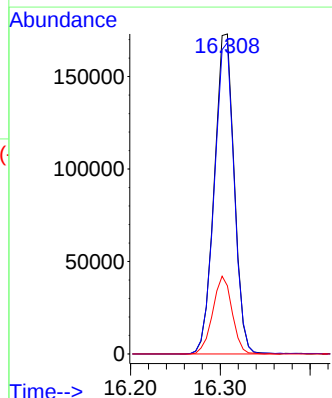
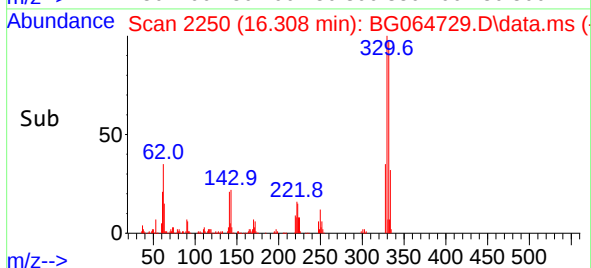
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025

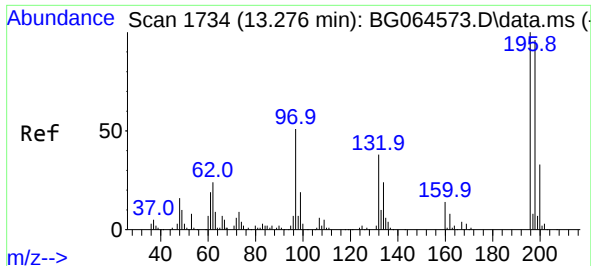


#42
2,4,6-Tribromophenol
Concen: 165.467 ng
RT: 16.308 min Scan# 2250
Delta R.T. -0.011 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53



Tgt Ion:330 Resp: 265953
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 23.7 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 52.640 ng
RT: 13.264 min Scan# 1732
Delta R.T. -0.011 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

PB170450BS

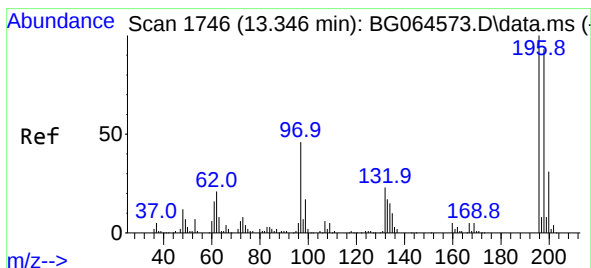
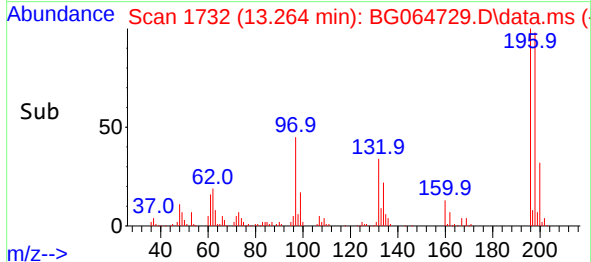
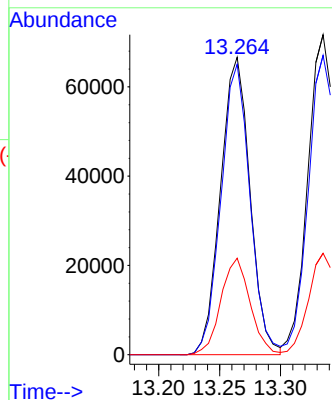
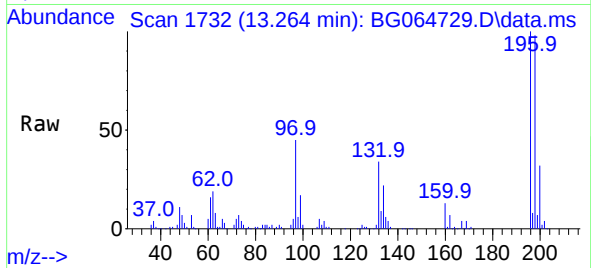
Tgt Ion:196 Resp: 11253
Ion Ratio Lower Upper
196 100
198 97.6 76.6 115.0
200 32.4 26.0 39.0

Manual Integrations

APPROVED

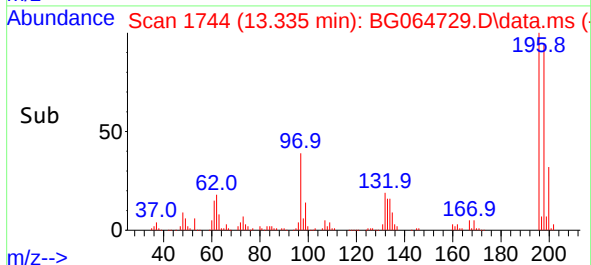
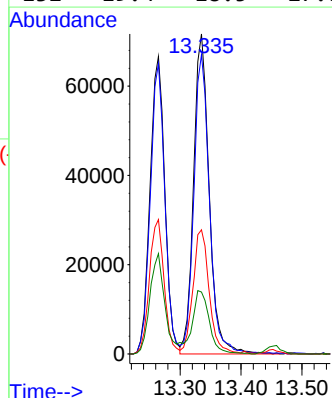
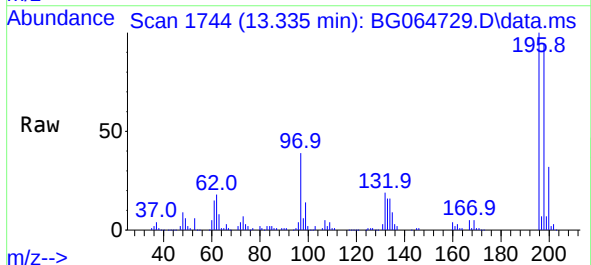
Reviewed By :Rahul Chavli 11/11/2025

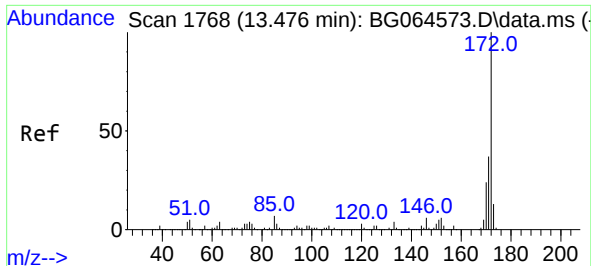
Supervised By :Jagrut Upadhyay 11/11/2025



#44
2,4,5-Trichlorophenol
Concen: 51.788 ng
RT: 13.335 min Scan# 1744
Delta R.T. -0.011 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:196 Resp: 127763
Ion Ratio Lower Upper
196 100
198 93.6 74.2 111.4
97 38.8 37.0 55.6
132 19.4 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 82.003 ng
RT: 13.452 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

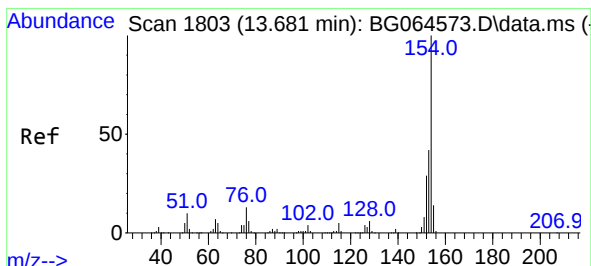
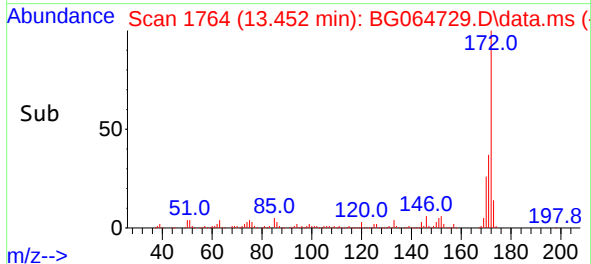
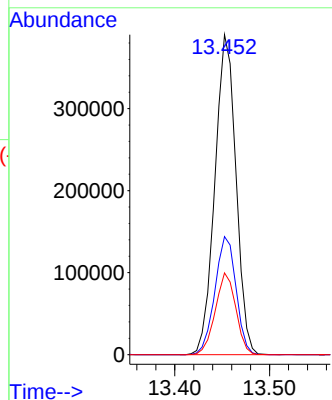
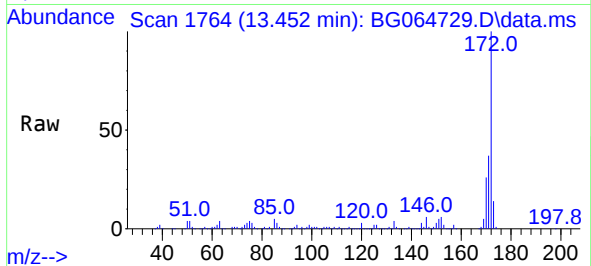
PB170450BS

Tgt Ion:172 Resp: 602474
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 25.6 19.1 28.7

Manual Integrations

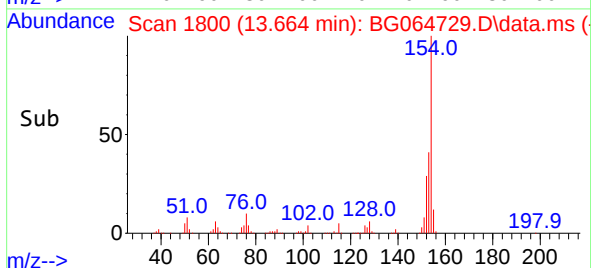
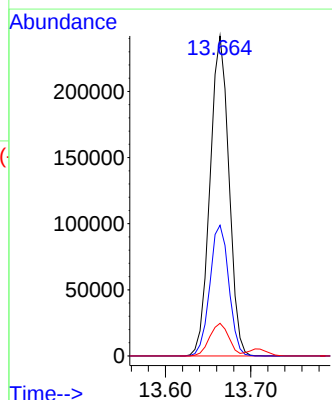
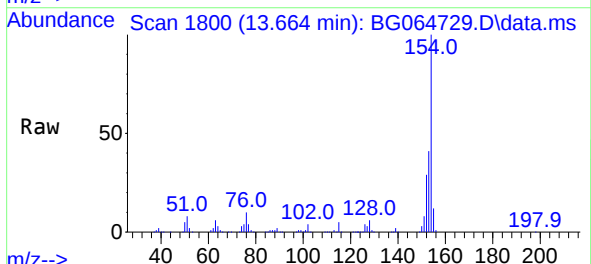
APPROVED

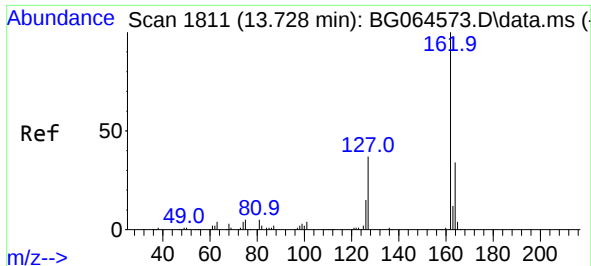
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#46
1,1'-Biphenyl
Concen: 46.936 ng
RT: 13.664 min Scan# 1800
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:154 Resp: 371600
Ion Ratio Lower Upper
154 100
153 40.8 22.4 62.4
76 10.2 0.0 33.5





#47
2-Chloronaphthalene
Concen: 43.266 ng
RT: 13.711 min Scan# 1808
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

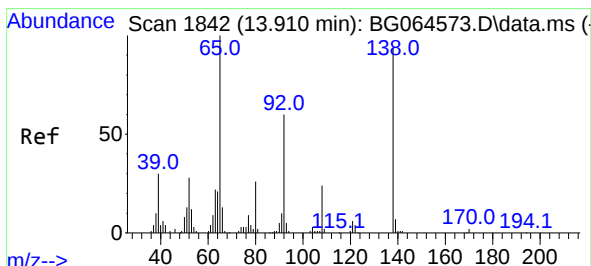
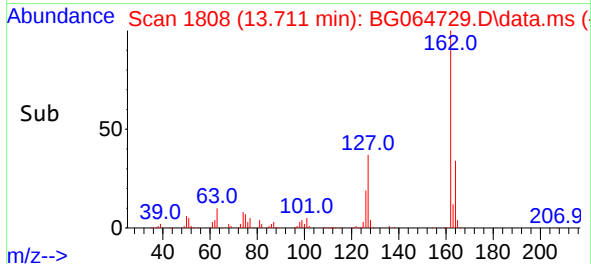
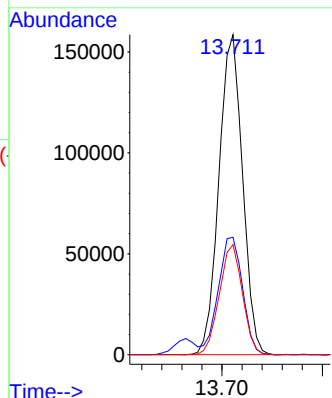
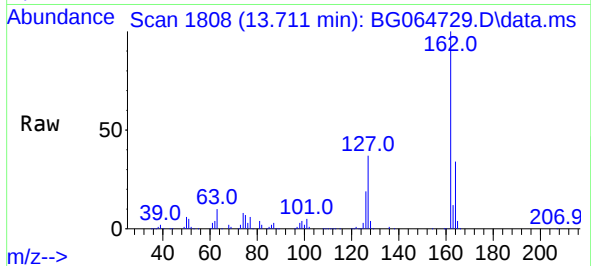
PB170450BS

Tgt Ion:162 Resp: 258560
Ion Ratio Lower Upper
162 100
127 36.7 32.2 48.2
164 34.4 27.5 41.3

Manual Integrations

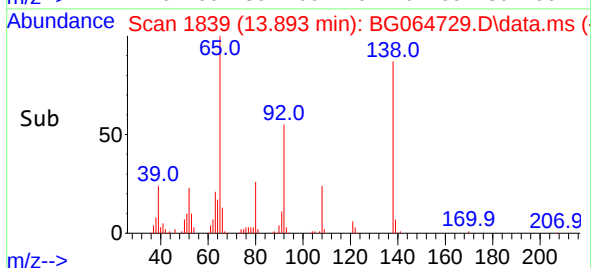
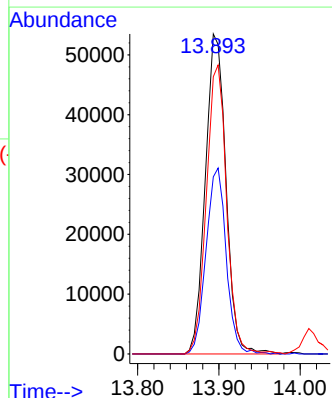
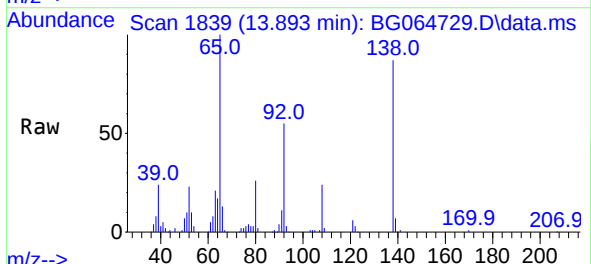
APPROVED

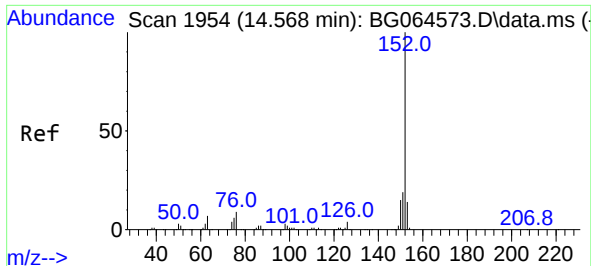
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#48
2-Nitroaniline
Concen: 46.986 ng
RT: 13.893 min Scan# 1839
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion: 65 Resp: 94116
Ion Ratio Lower Upper
65 100
92 55.3 48.3 72.5
138 86.6 74.9 112.3





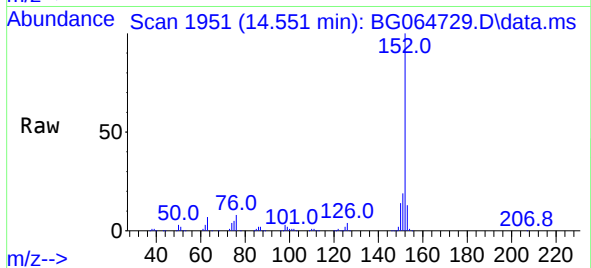
#49
Acenaphthylene
Concen: 48.283 ng
RT: 14.551 min Scan# 1951
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

PB170450BS

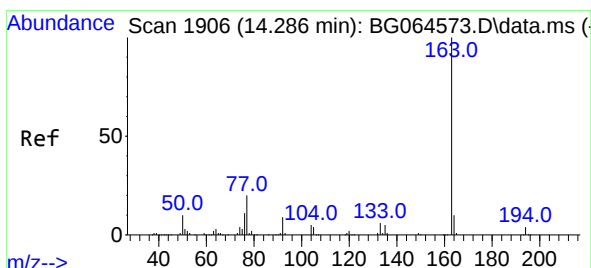
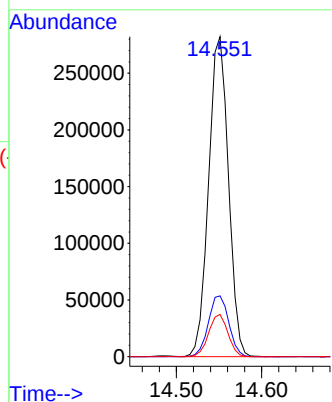
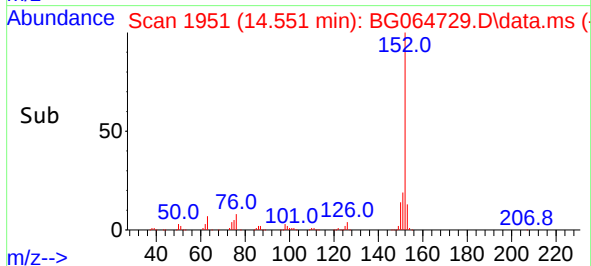


Tgt Ion:152 Resp: 45512
Ion Ratio Lower Upper
152 100
151 19.0 15.4 23.2
153 13.2 11.0 16.4

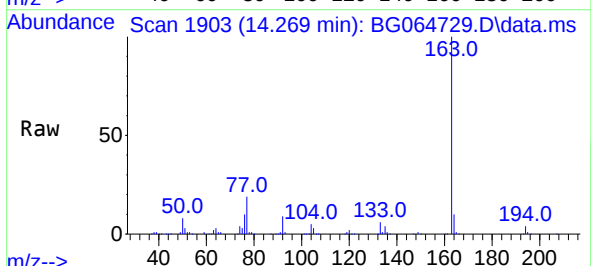
Manual Integrations

APPROVED

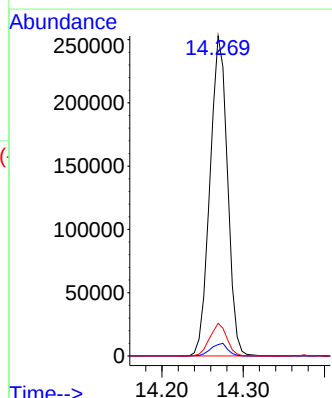
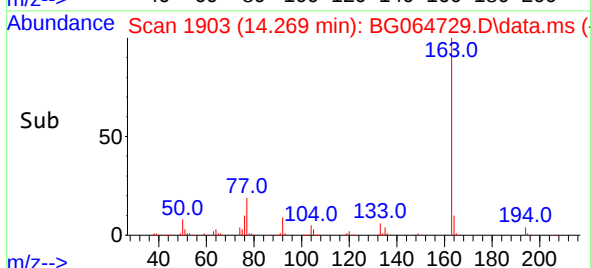
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025

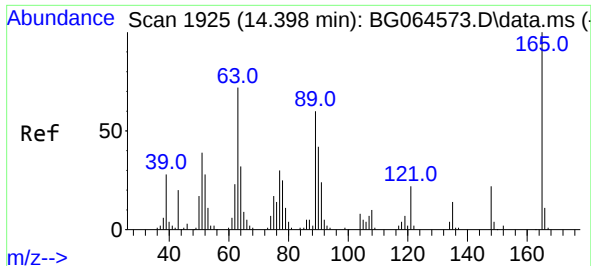


#50
Dimethylphthalate
Concen: 44.396 ng
RT: 14.269 min Scan# 1903
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53



Tgt Ion:163 Resp: 378314
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.2 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 53.379 ng
RT: 14.381 min Scan# 1925
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

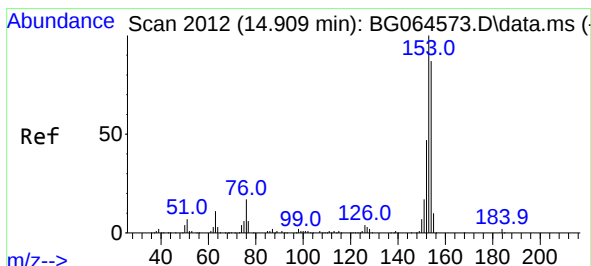
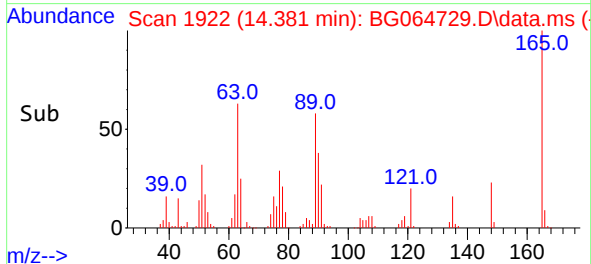
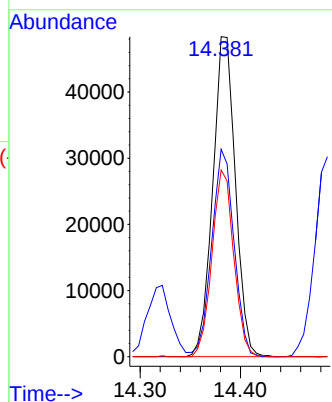
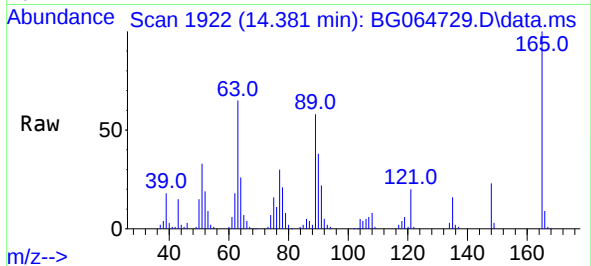
PB170450BS

Tgt Ion:165 Resp: 7559
Ion Ratio Lower Upper
165 100
63 64.8 57.4 86.0
89 58.3 47.8 71.8

Manual Integrations

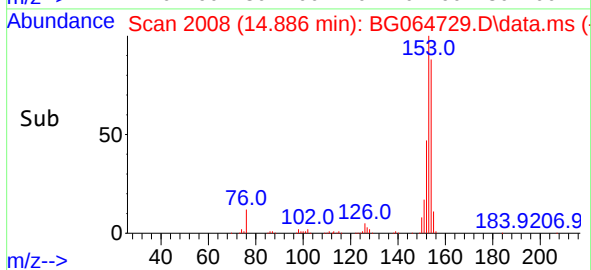
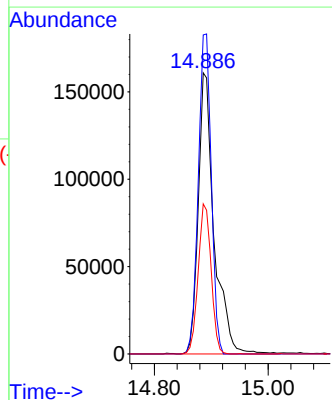
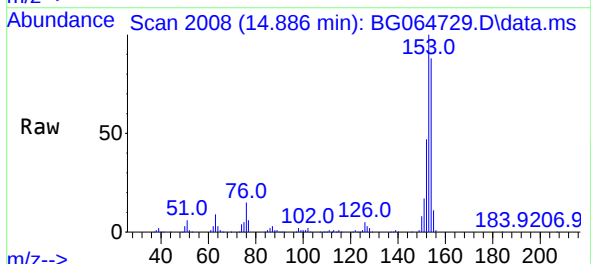
APPROVED

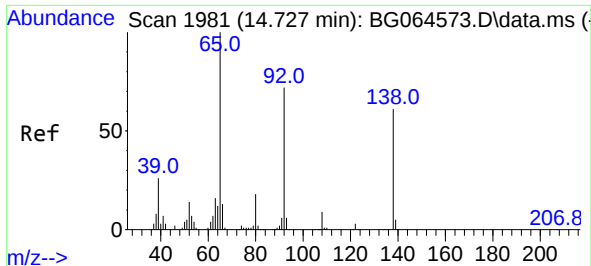
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#52
Acenaphthene
Concen: 48.525 ng
RT: 14.886 min Scan# 2008
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:154 Resp: 312503
Ion Ratio Lower Upper
154 100
153 113.5 92.2 138.4
152 53.4 43.2 64.8





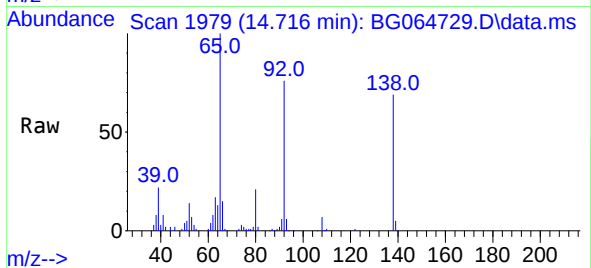
#53
3-Nitroaniline
Concen: 34.681 ng
RT: 14.716 min Scan# 1981
Delta R.T. -0.011 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

PB170450BS

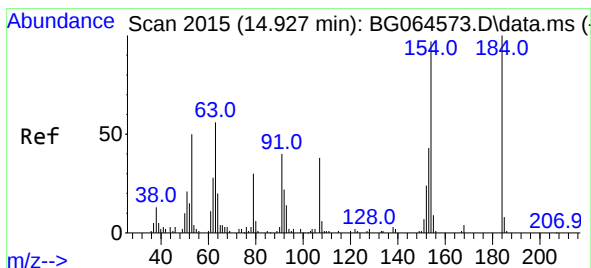
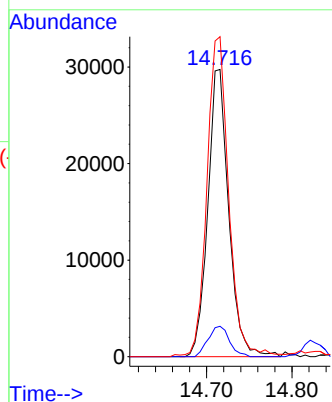
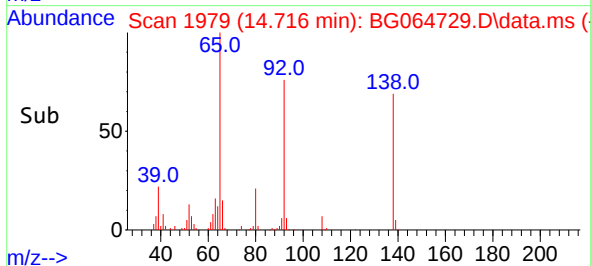


Tgt Ion:138 Resp: 50788
Ion Ratio Lower Upper
138 100
108 10.6 11.4 17.0
92 111.4 95.3 142.9

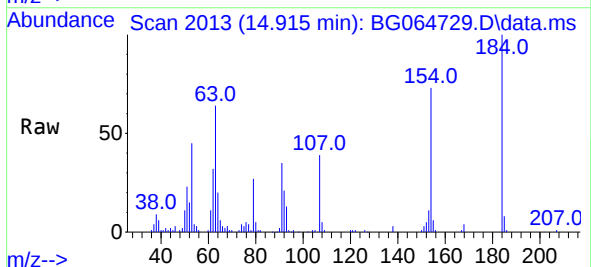
Manual Integrations

APPROVED

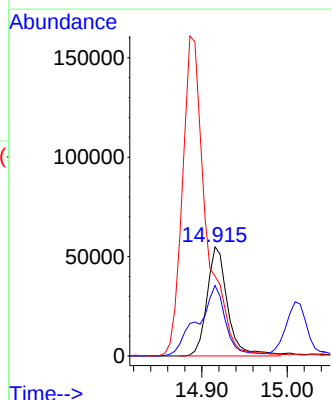
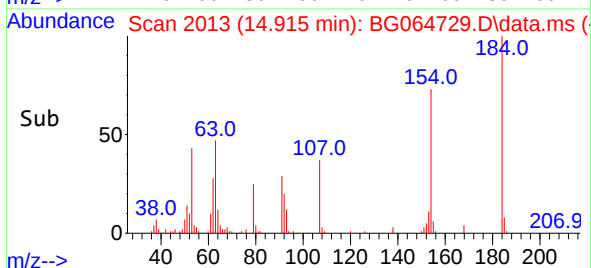
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025

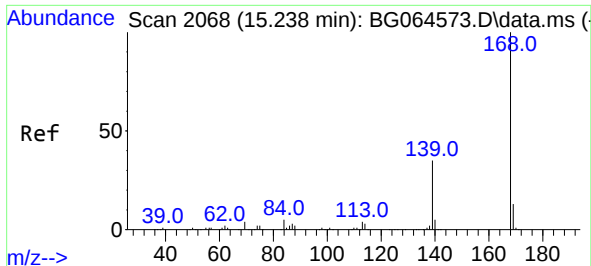


#54
2,4-Dinitrophenol
Concen: 104.653 ng
RT: 14.915 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53



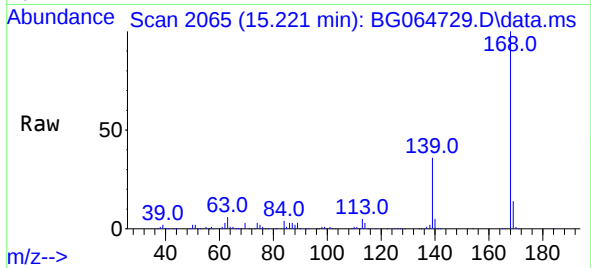
Tgt Ion:184 Resp: 91886
Ion Ratio Lower Upper
184 100
63 64.5 56.6 85.0
154 73.1 158.6 238.0#





#55
Dibenzenofuran
Concen: 43.257 ng
RT: 15.221 min Scan# 2065
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

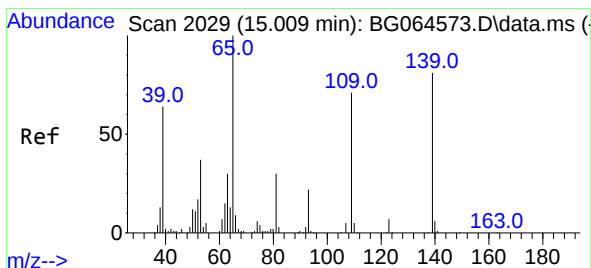
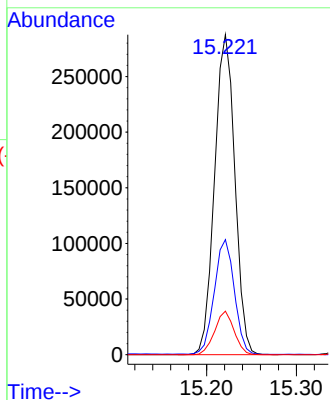
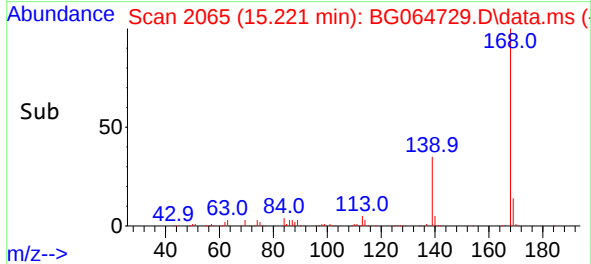
Instrument :
BNA_G
ClientSampleId :
PB170450BS



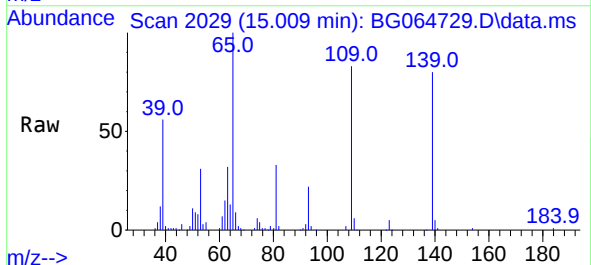
Tgt Ion:168 Resp: 450370
Ion Ratio Lower Upper
168 100
139 36.0 27.8 41.8
169 13.6 10.3 15.5

Manual Integrations
APPROVED

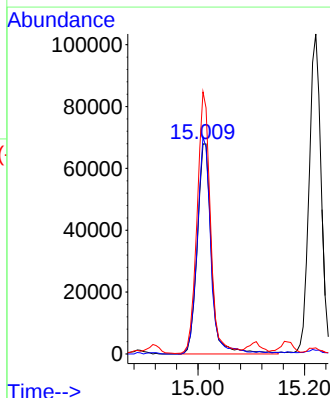
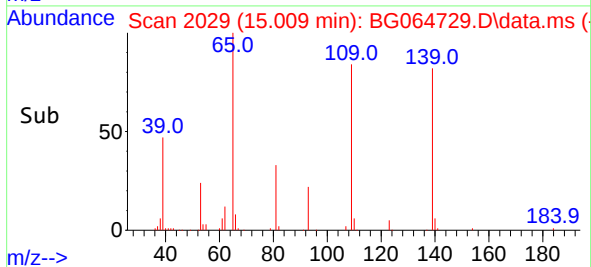
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025

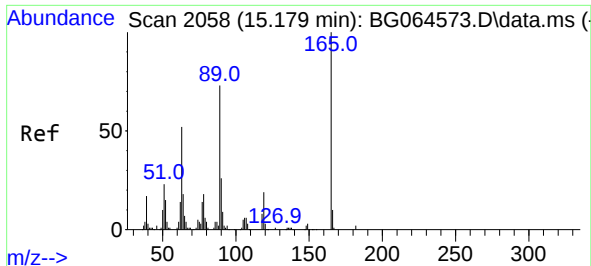


#56
4-Nitrophenol
Concen: 92.066 ng
RT: 15.009 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53



Tgt Ion:139 Resp: 125003
Ion Ratio Lower Upper
139 100
109 103.2 67.8 107.8
65 124.7 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 53.016 ng
RT: 15.168 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

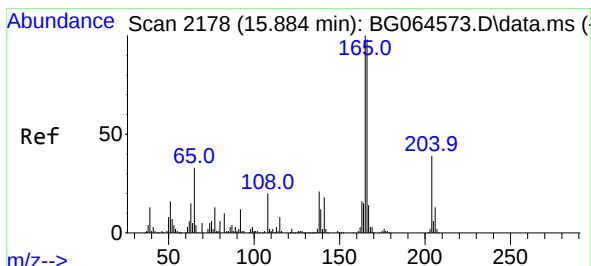
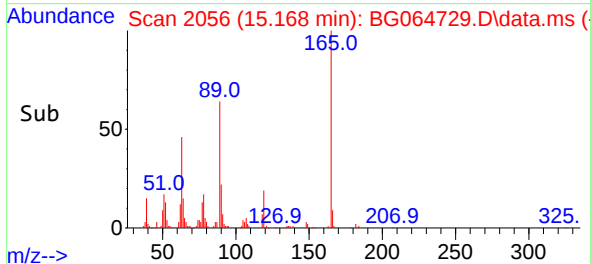
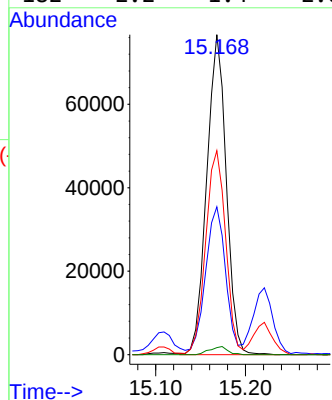
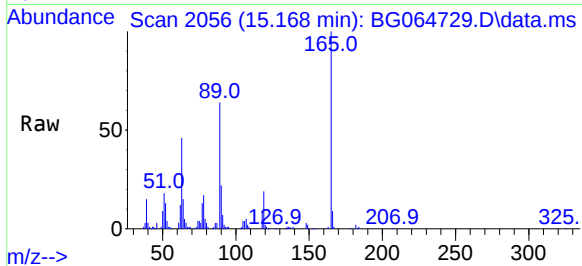
PB170450BS

Tgt Ion:165 Resp: 115994
Ion Ratio Lower Upper
165 100
63 46.2 41.8 62.8
89 63.7 58.1 87.1
182 2.2 1.4 2.0#

Manual Integrations

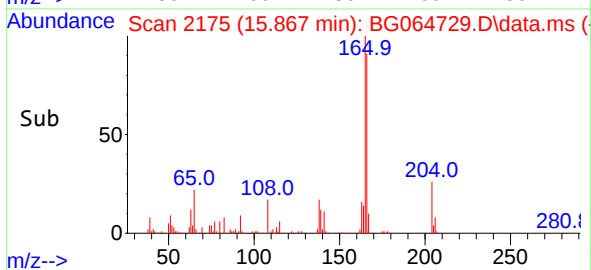
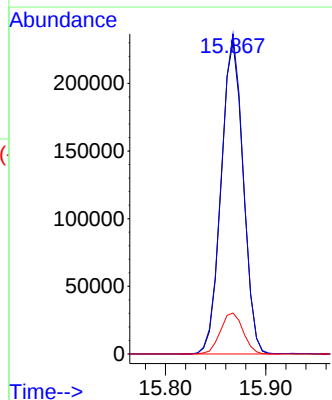
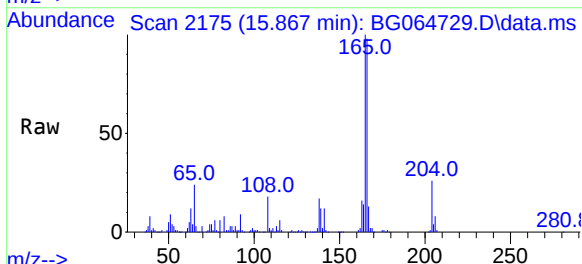
APPROVED

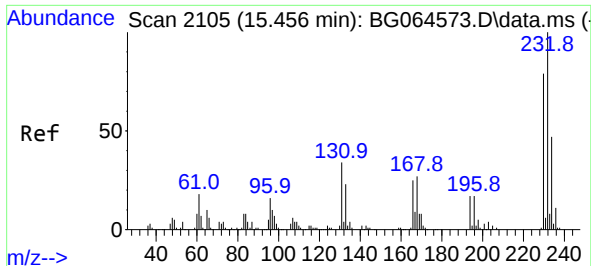
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#58
Fluorene
Concen: 43.269 ng
RT: 15.867 min Scan# 2175
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:166 Resp: 351831
Ion Ratio Lower Upper
166 100
165 102.4 81.5 122.3
167 13.1 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 57.254 ng
RT: 15.438 min Scan# 2102
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

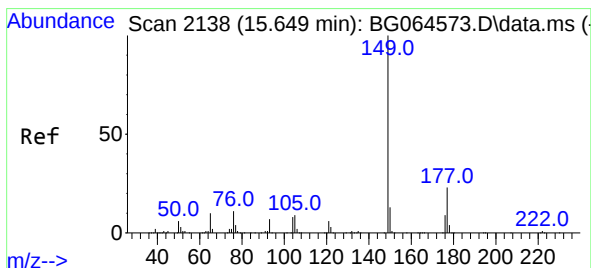
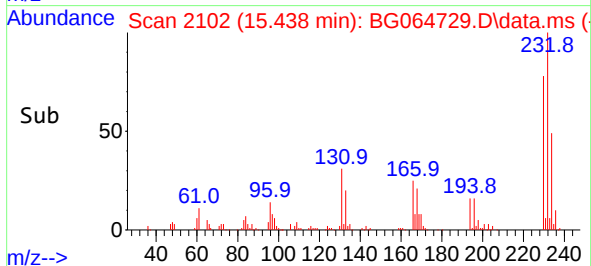
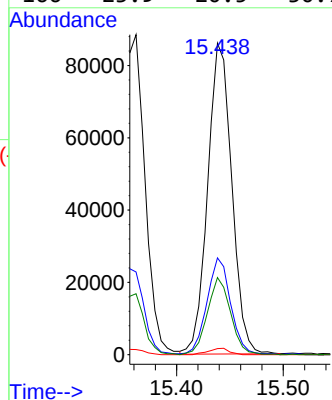
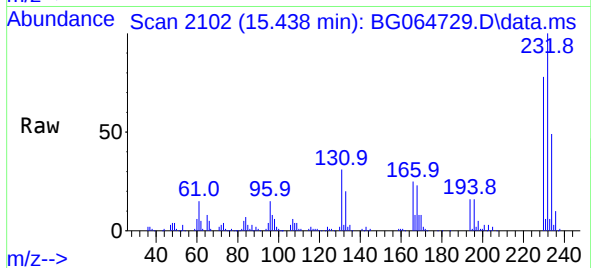
PB170450BS

Tgt Ion:232 Resp: 13506
Ion Ratio Lower Upper
232 100
131 30.8 26.7 40.1
130 1.8 1.6 2.4
166 23.9 20.5 30.7

Manual Integrations

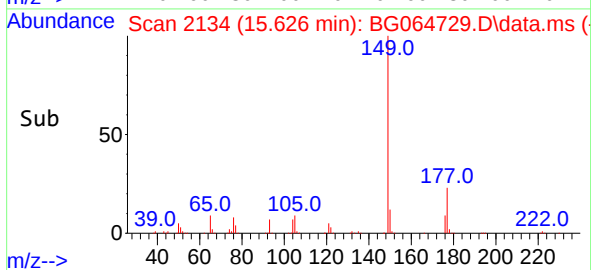
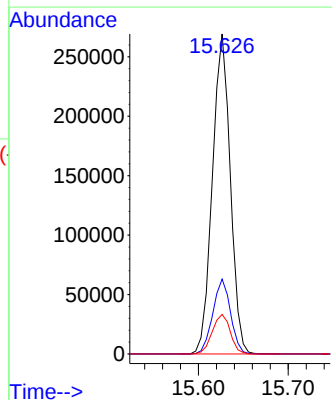
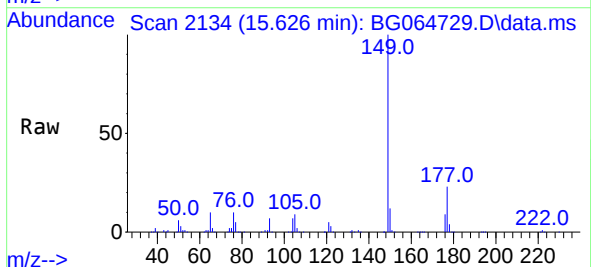
APPROVED

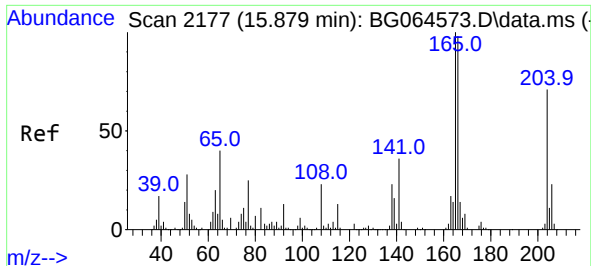
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#60
Diethylphthalate
Concen: 42.792 ng
RT: 15.626 min Scan# 2134
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:149 Resp: 372323
Ion Ratio Lower Upper
149 100
177 23.4 18.0 27.0
150 12.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.293 ng
RT: 15.855 min Scan# 2173
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

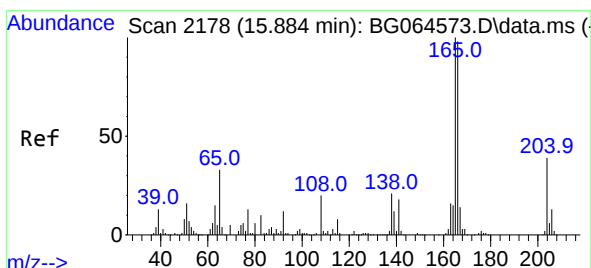
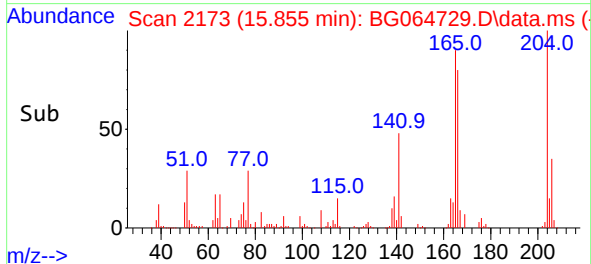
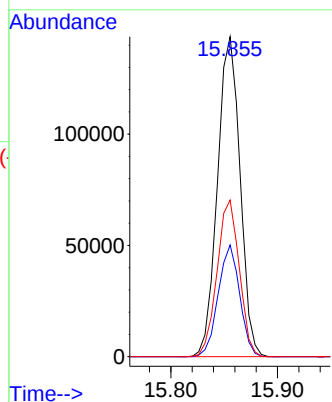
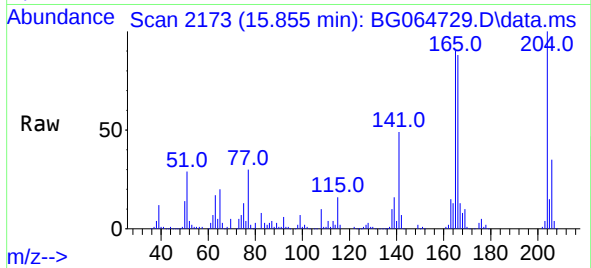
PB170450BS

Tgt Ion:204 Resp: 21124
Ion Ratio Lower Upper
204 100
206 34.9 25.6 38.4
141 48.9 40.6 60.8

Manual Integrations

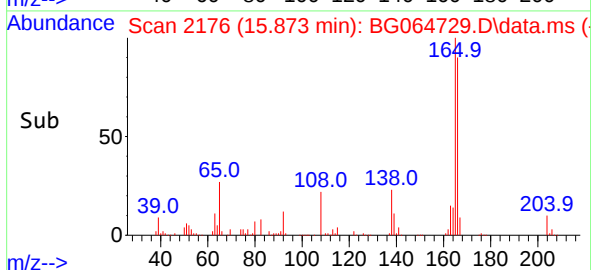
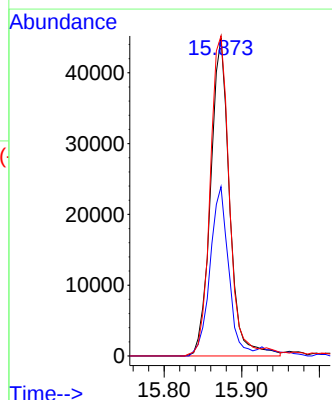
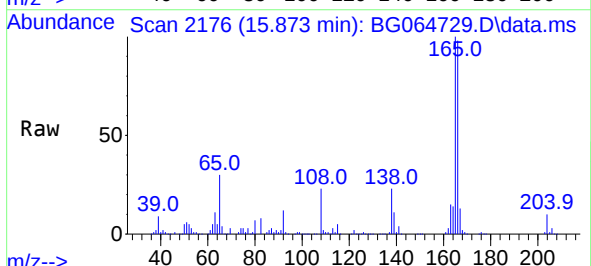
APPROVED

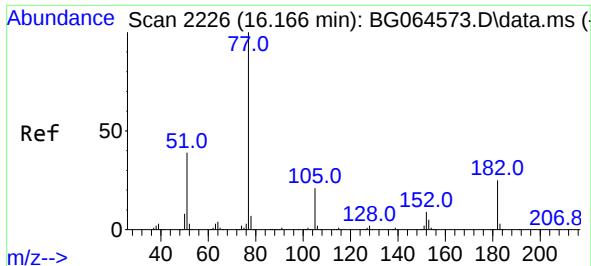
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#62
4-Nitroaniline
Concen: 46.769 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:138 Resp: 76197
Ion Ratio Lower Upper
138 100
92 53.2 36.1 76.1
108 100.6 75.6 115.6





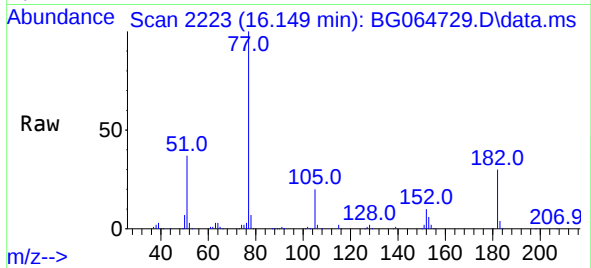
#63
Azobenzene
Concen: 38.896 ng
RT: 16.149 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

PB170450BS

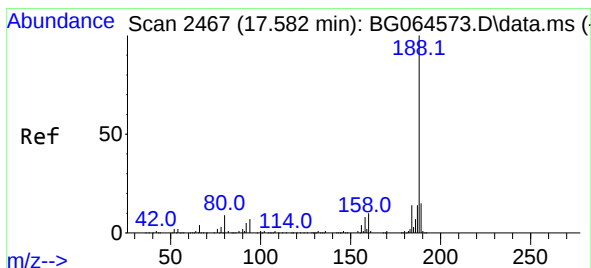
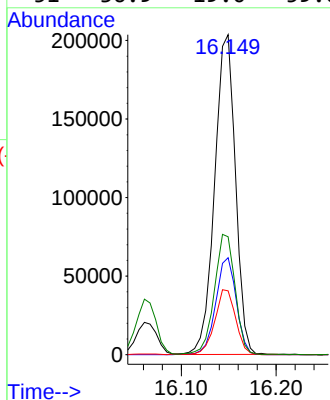
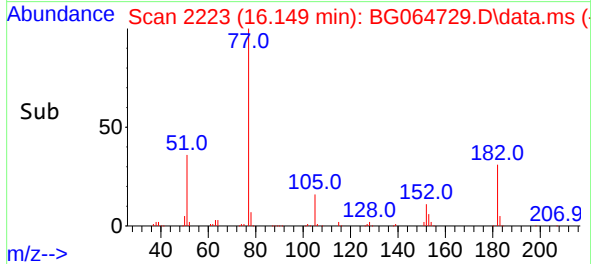


Tgt Ion: 77 Resp: 310519
Ion Ratio Lower Upper
77 100
182 30.3 4.9 44.9
105 20.0 1.3 41.3
51 36.9 19.0 59.0

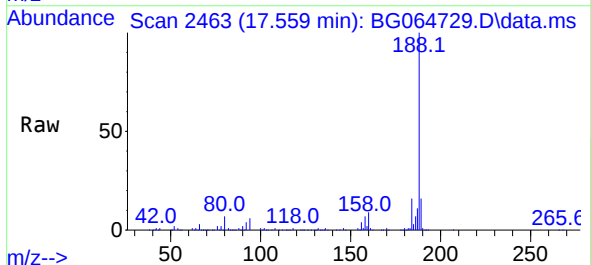
Manual Integrations

APPROVED

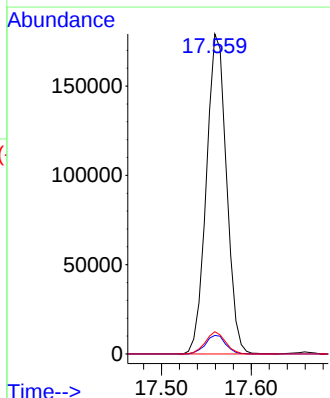
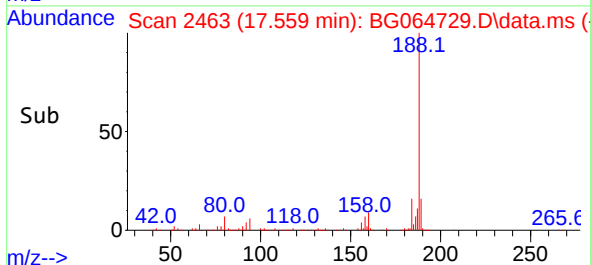
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025

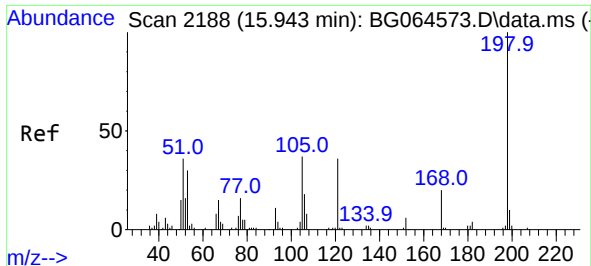


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.559 min Scan# 2463
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53



Tgt Ion:188 Resp: 279214
Ion Ratio Lower Upper
188 100
94 5.8 5.7 8.5
80 6.9 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 57.633 ng
RT: 15.932 min Scan# 2188
Delta R.T. -0.011 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

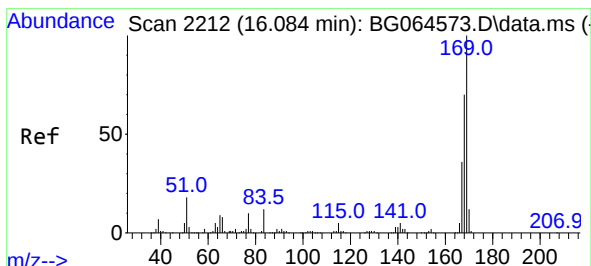
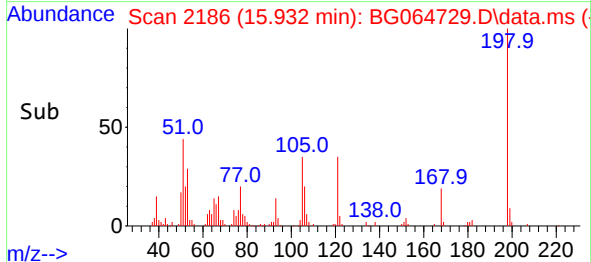
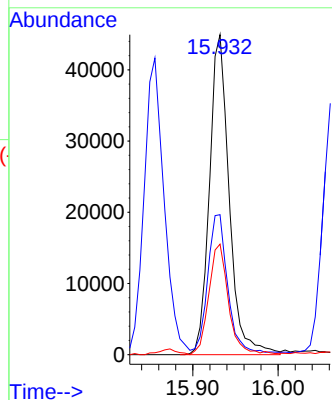
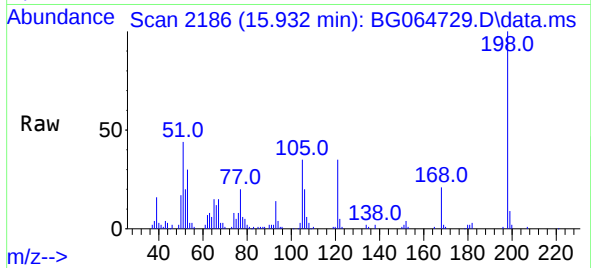
PB170450BS

Tgt Ion:198 Resp: 72318
Ion Ratio Lower Upper
198 100
51 43.8 24.7 64.7
105 34.6 18.0 58.0

Manual Integrations

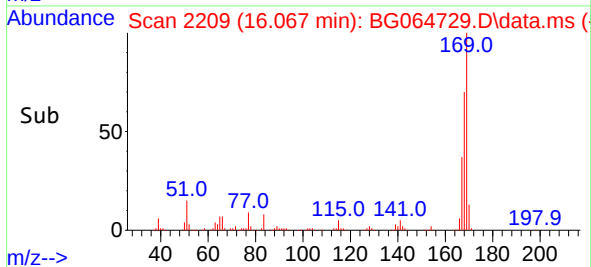
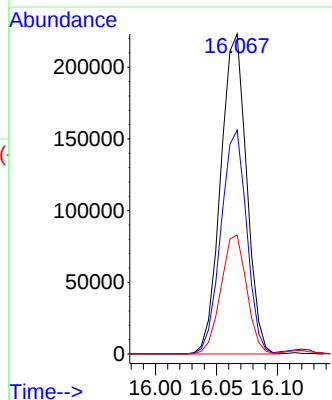
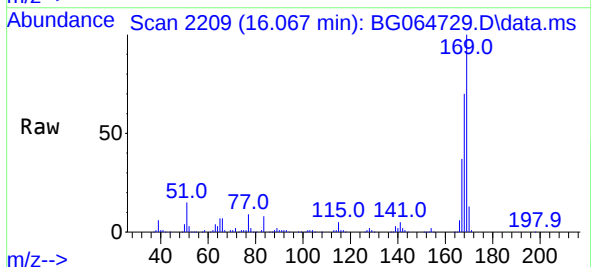
APPROVED

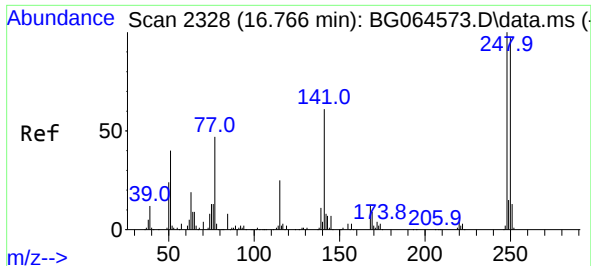
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#66
n-Nitrosodiphenylamine
Concen: 43.667 ng
RT: 16.067 min Scan# 2209
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:169 Resp: 329349
Ion Ratio Lower Upper
169 100
168 70.0 56.3 84.5
167 37.2 29.0 43.6





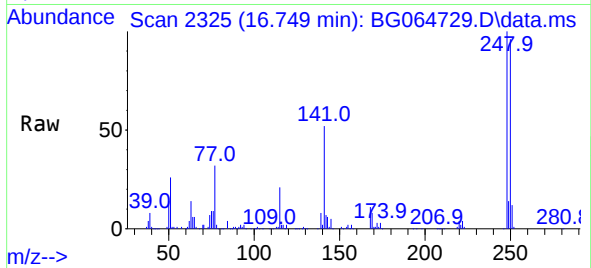
#67
4-Bromophenyl-phenylether
Concen: 48.399 ng
RT: 16.749 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

PB170450BS

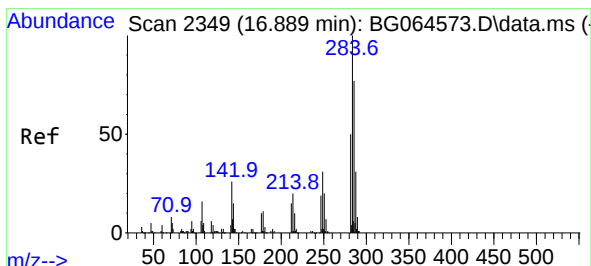
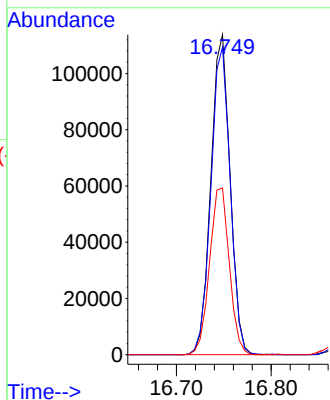
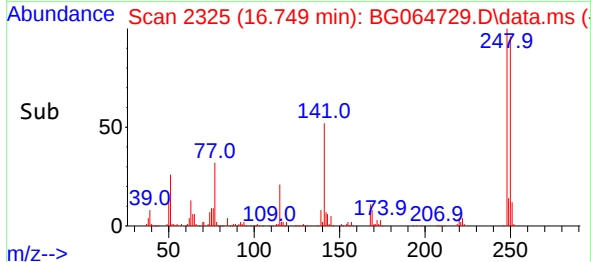


Tgt Ion:248 Resp: 16014
Ion Ratio Lower Upper
248 100
250 96.1 77.7 116.5
141 52.1 48.6 72.8

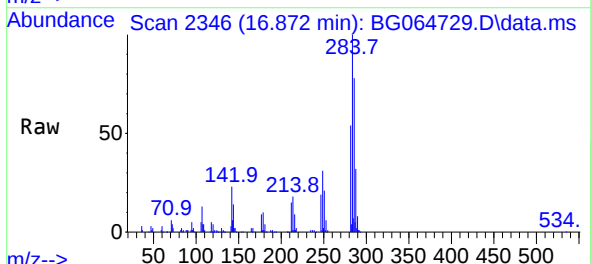
Manual Integrations

APPROVED

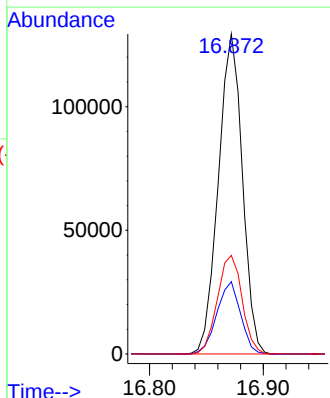
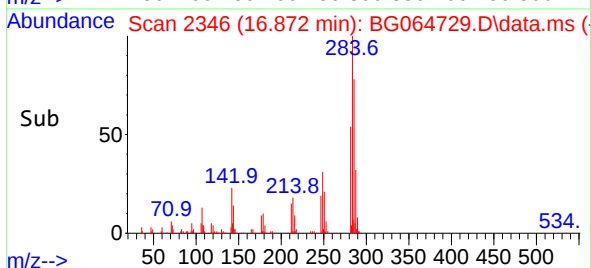
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025

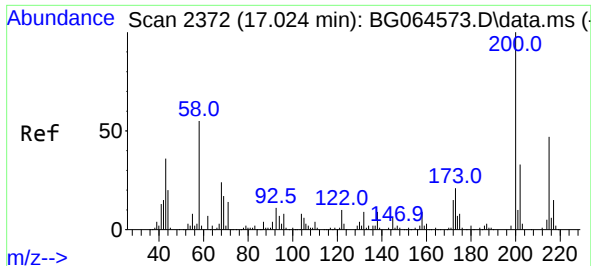


#68
Hexachlorobenzene
Concen: 50.287 ng
RT: 16.872 min Scan# 2346
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53



Tgt Ion:284 Resp: 189824
Ion Ratio Lower Upper
284 100
142 22.6 21.0 31.6
249 33.3 24.9 37.3





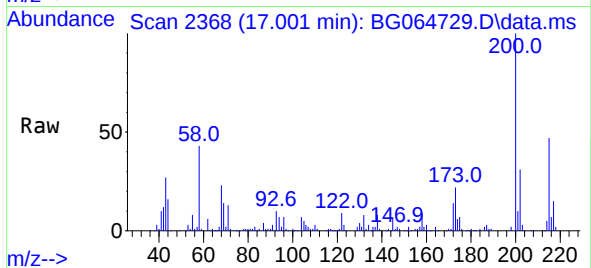
#69
Atrazine
Concen: 48.991 ng
RT: 17.001 min Scan# 21
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

PB170450BS

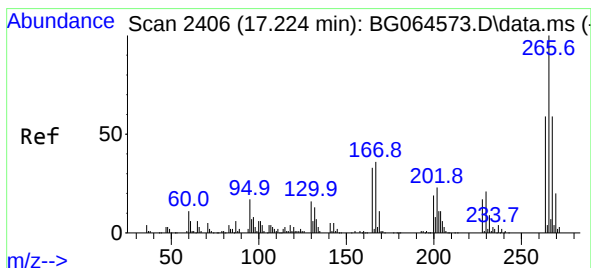
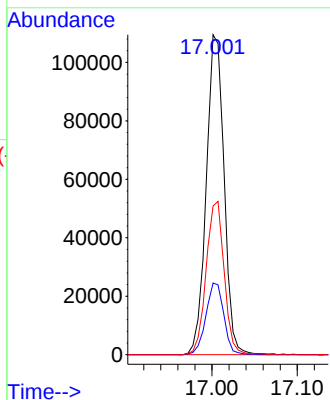
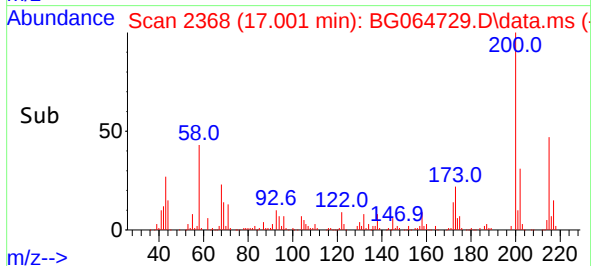


Tgt Ion:200 Resp: 15901
Ion Ratio Lower Upper
200 100
173 22.4 0.9 40.9
215 46.5 27.0 67.0

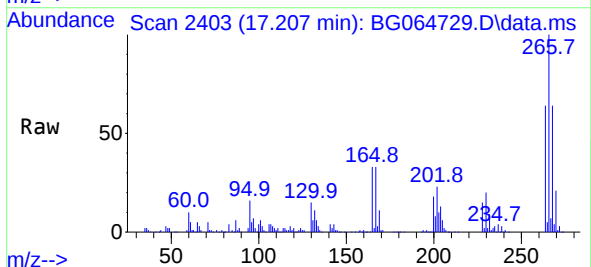
Manual Integrations

APPROVED

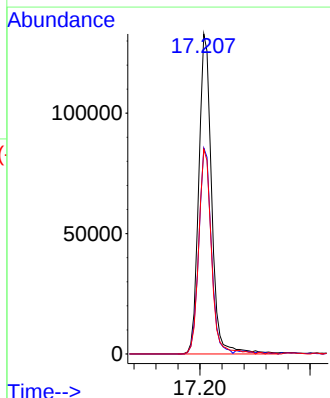
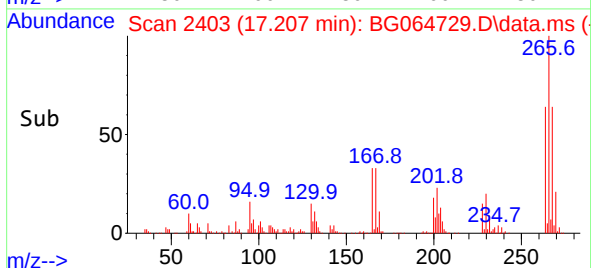
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025

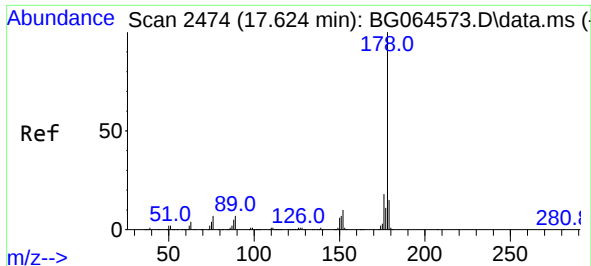


#70
Pentachlorophenol
Concen: 91.789 ng
RT: 17.207 min Scan# 2403
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53



Tgt Ion:266 Resp: 216061
Ion Ratio Lower Upper
266 100
268 68.7 50.3 75.5
264 64.0 47.3 70.9





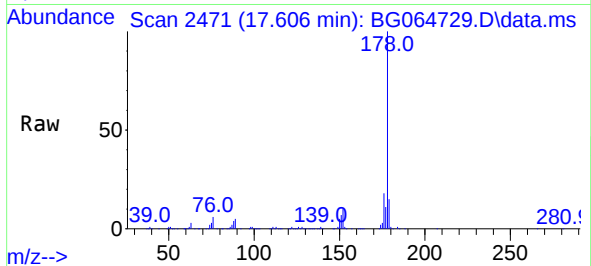
#71
Phenanthrene
Concen: 43.095 ng
RT: 17.606 min Scan# 2471
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

PB170450BS

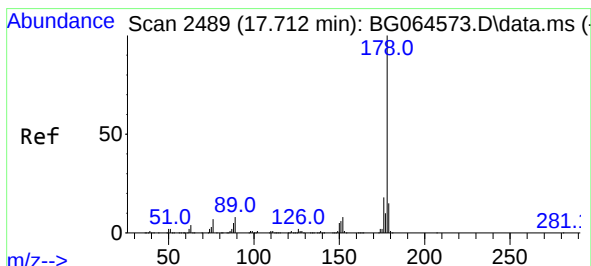
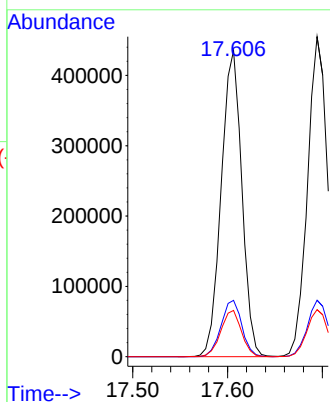
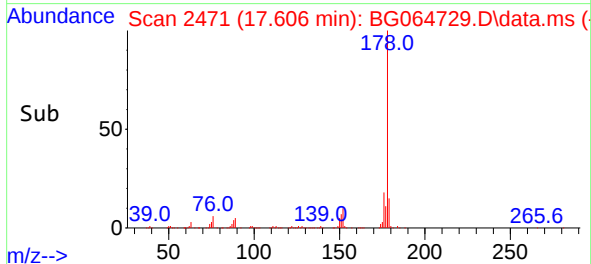


Tgt Ion:178 Resp: 658029
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.1 12.2 18.4

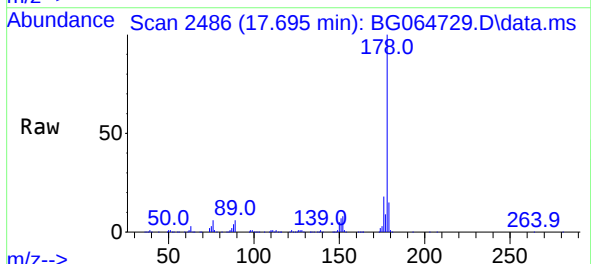
Manual Integrations

APPROVED

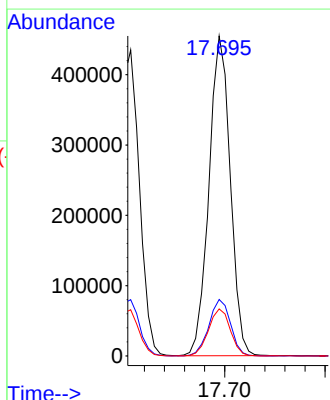
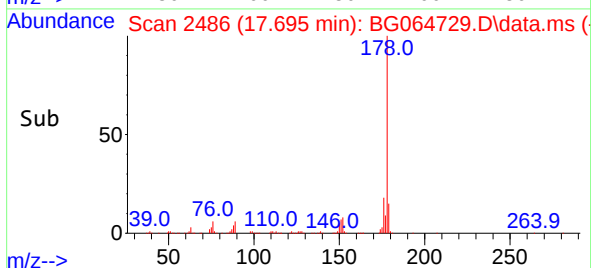
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025

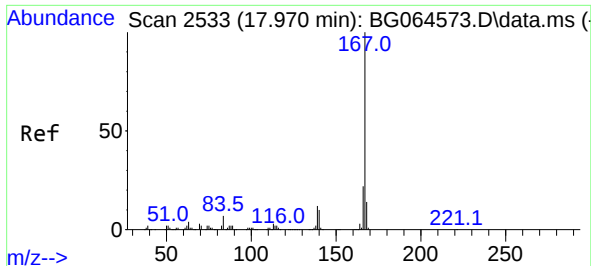


#72
Anthracene
Concen: 43.227 ng
RT: 17.695 min Scan# 2486
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53



Tgt Ion:178 Resp: 671412
Ion Ratio Lower Upper
178 100
176 17.7 14.4 21.6
179 14.7 12.4 18.6





#73
 Carbazole
 Concen: 43.102 ng
 RT: 17.953 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG064729.D
 Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

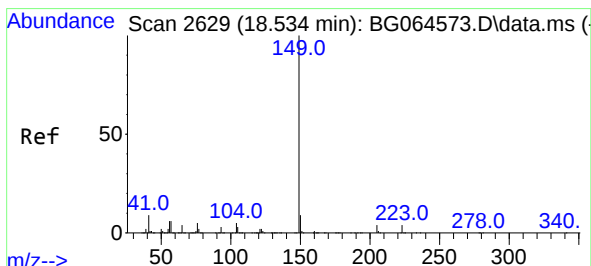
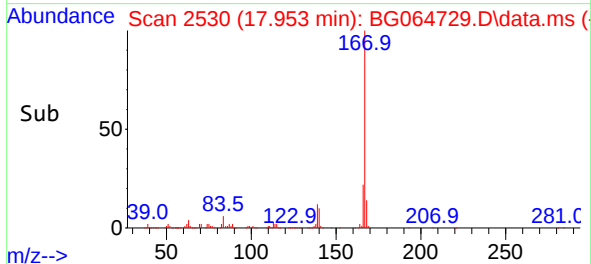
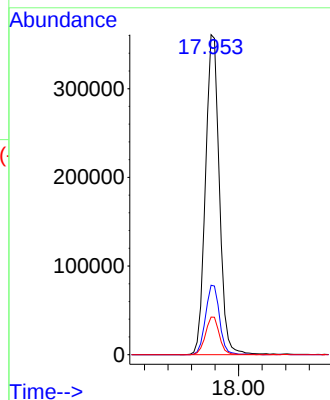
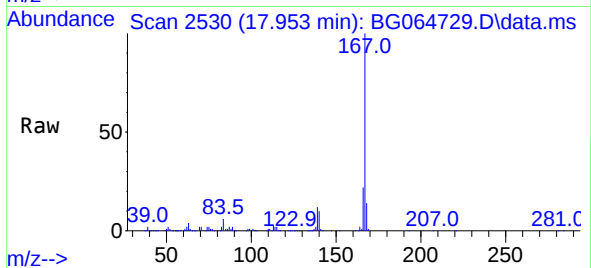
PB170450BS

Tgt Ion:167 Resp: 590349
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.9 26.9
 139 11.8 9.7 14.5

Manual Integrations

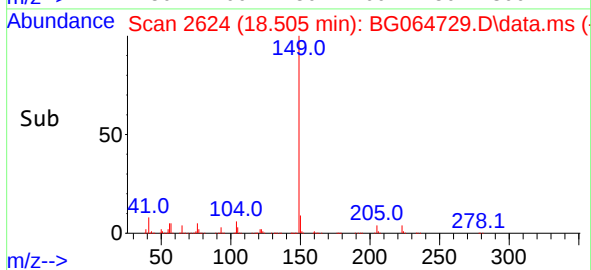
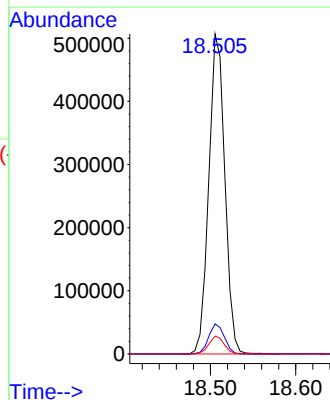
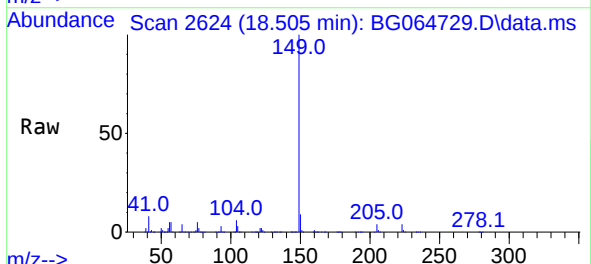
APPROVED

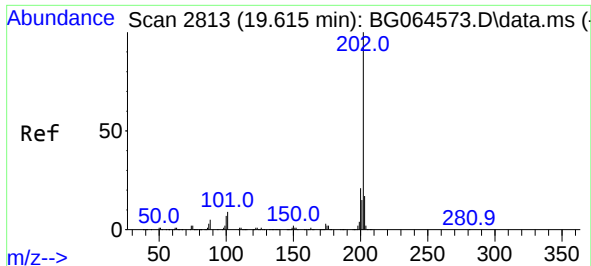
Reviewed By :Rahul Chavli 11/11/2025
 Supervised By :Jagrut Upadhyay 11/11/2025



#74
 Di-n-butylphthalate
 Concen: 41.848 ng
 RT: 18.505 min Scan# 2624
 Delta R.T. -0.029 min
 Lab File: BG064729.D
 Acq: 10 Nov 2025 11:53

Tgt Ion:149 Resp: 662809
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.0 10.6
 104 5.6 4.1 6.1





#75
Fluoranthene
Concen: 44.374 ng
RT: 19.598 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

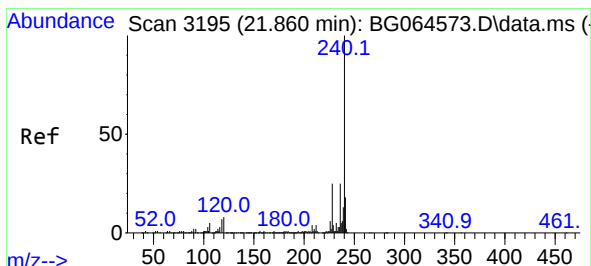
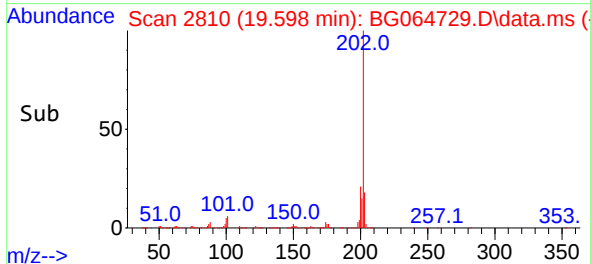
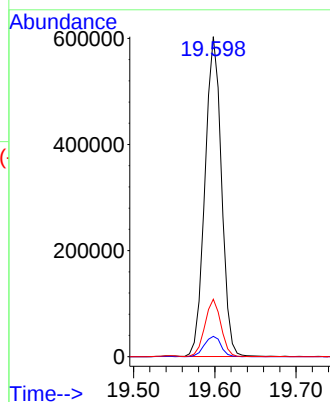
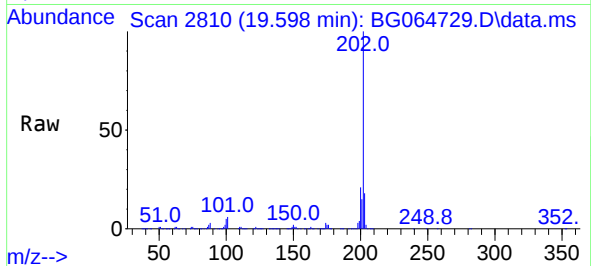
PB170450BS

Tgt Ion:202 Resp: 848792
Ion Ratio Lower Upper
202 100
101 6.4 0.0 28.7
203 18.0 0.0 37.0

Manual Integrations

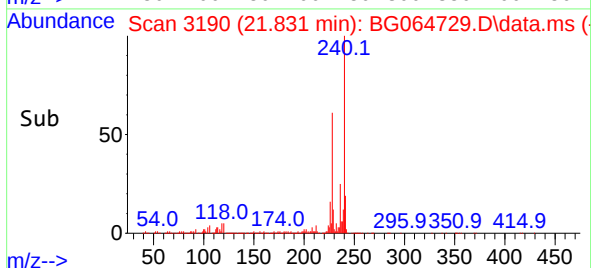
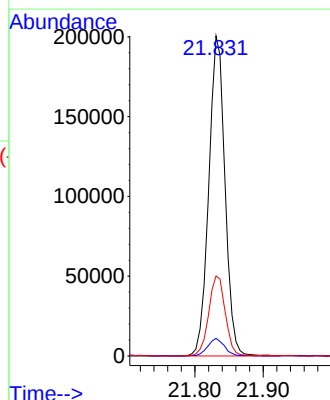
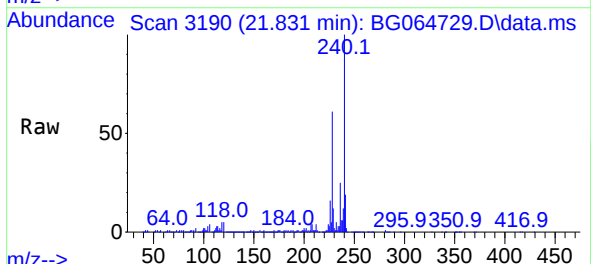
APPROVED

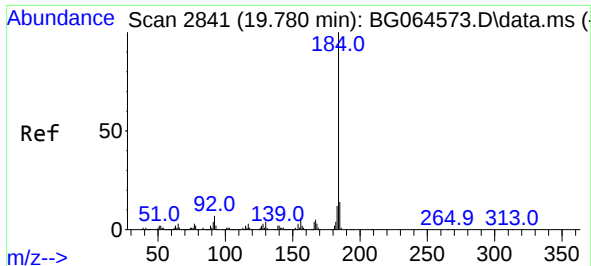
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3190
Delta R.T. -0.029 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:240 Resp: 331544
Ion Ratio Lower Upper
240 100
120 5.5 6.5 9.7#
236 25.0 20.2 30.2





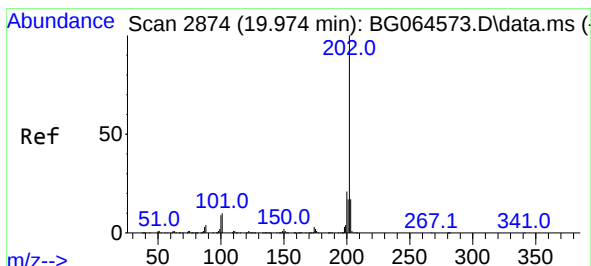
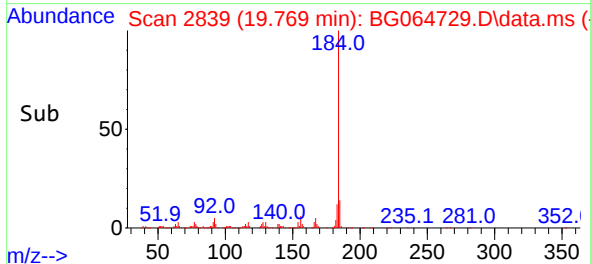
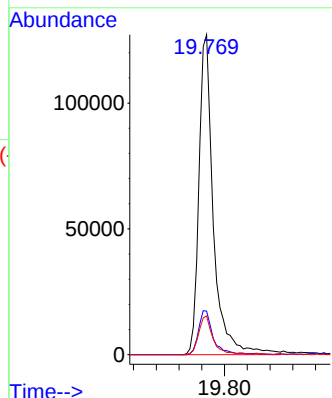
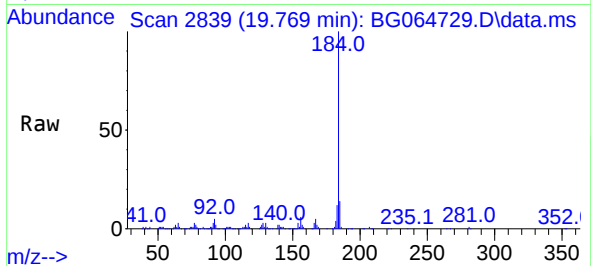
#77
Benzidine
Concen: 30.388 ng
RT: 19.769 min Scan# 2839
Delta R.T. -0.011 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :
BNA_G
ClientSampleId :
PB170450BS

Tgt Ion:184 Resp: 225718
Ion Ratio Lower Upper
184 100
185 13.6 11.4 17.2
183 12.1 9.4 14.2

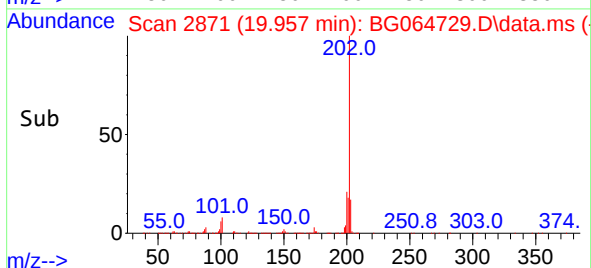
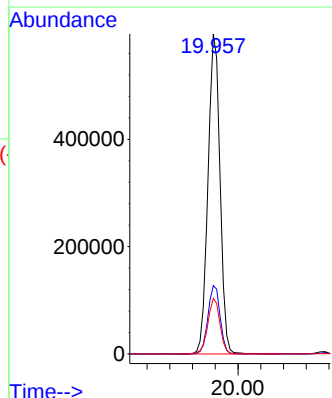
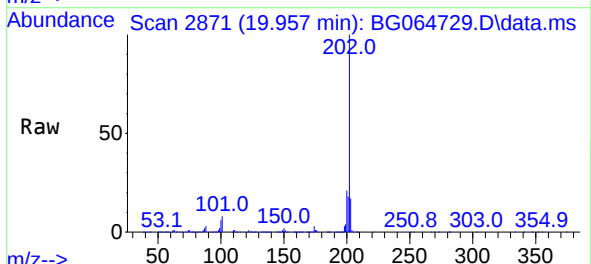
Manual Integrations
APPROVED

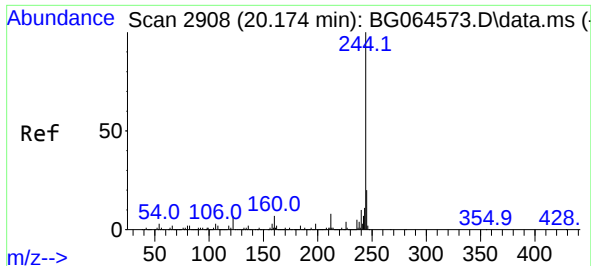
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#78
Pyrene
Concen: 40.151 ng
RT: 19.957 min Scan# 2871
Delta R.T. -0.017 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

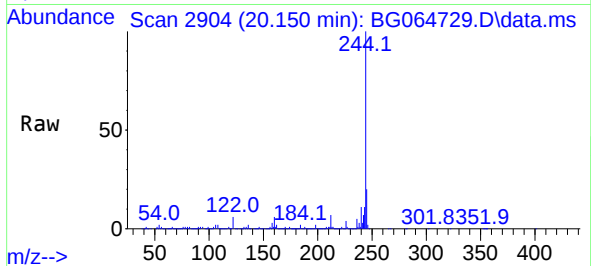
Tgt Ion:202 Resp: 869715
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.4 13.8 20.6





#79
Terphenyl-d14
Concen: 82.559 ng
RT: 20.150 min Scan# 2904
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

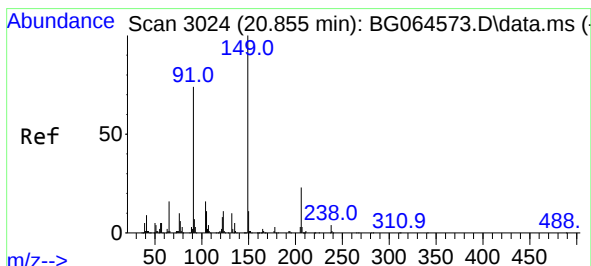
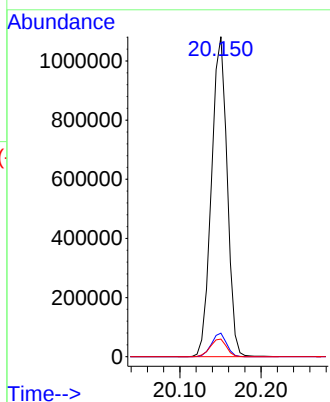
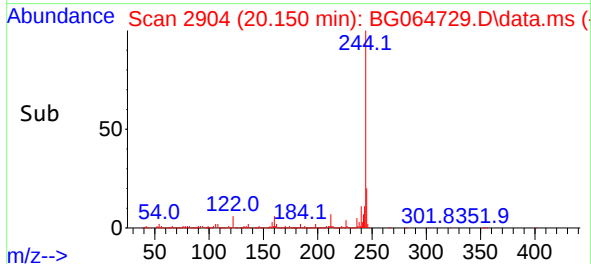
Instrument :
BNA_G
ClientSampleId :
PB170450BS



Tgt Ion:244 Resp: 1450419
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 5.5 5.6 8.4

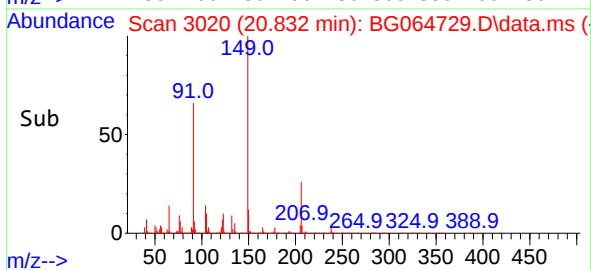
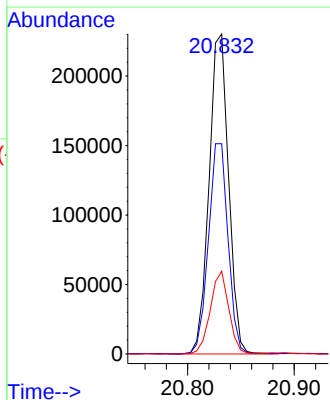
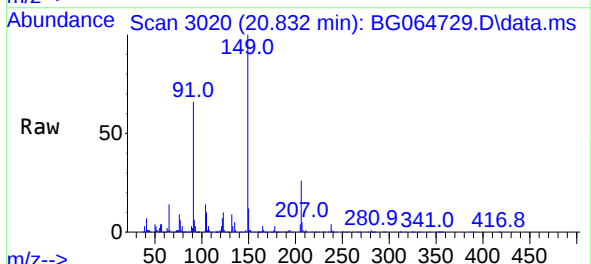
Manual Integrations
APPROVED

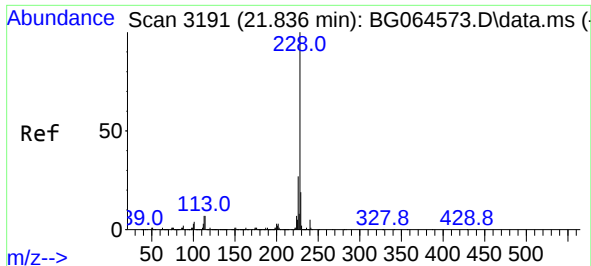
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#80
Butylbenzylphthalate
Concen: 44.874 ng
RT: 20.832 min Scan# 3020
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

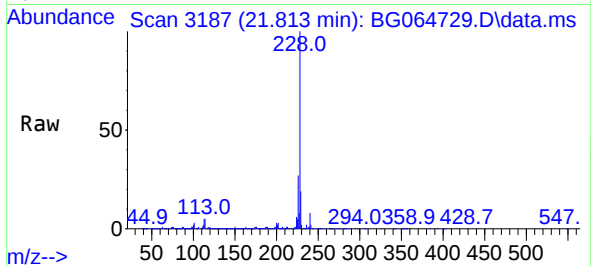
Tgt Ion:149 Resp: 293780
Ion Ratio Lower Upper
149 100
91 65.7 59.2 88.8
206 25.9 18.1 27.1





#81
Benzo(a)anthracene
Concen: 43.622 ng
RT: 21.813 min Scan# 31
Delta R.T. -0.023 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

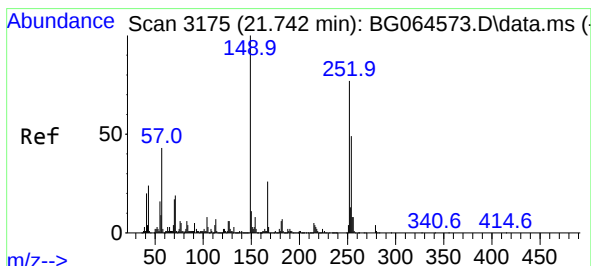
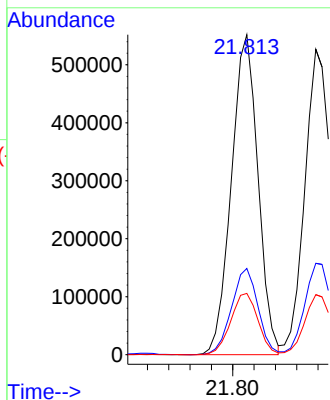
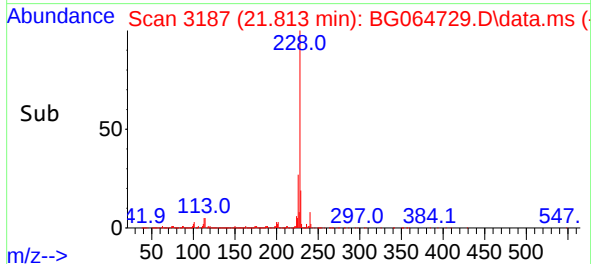
Instrument :
BNA_G
ClientSampleId :
PB170450BS



Tgt Ion:228 Resp: 958954
Ion Ratio Lower Upper
228 100
226 26.9 21.9 32.9
229 19.2 15.6 23.4

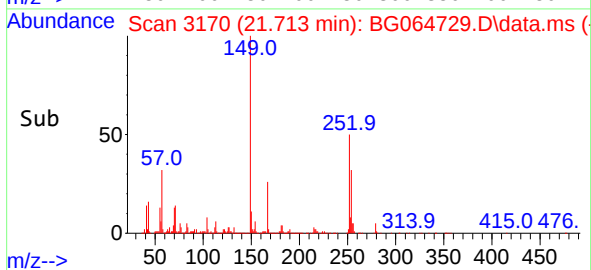
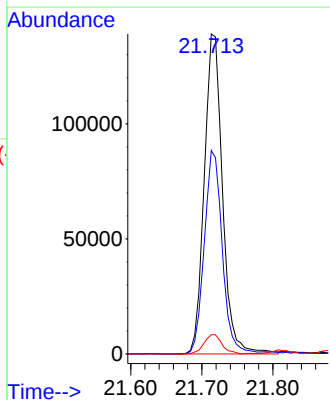
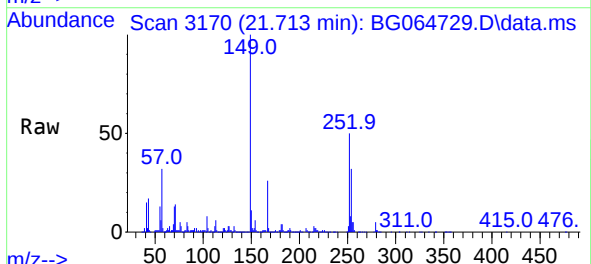
Manual Integrations
APPROVED

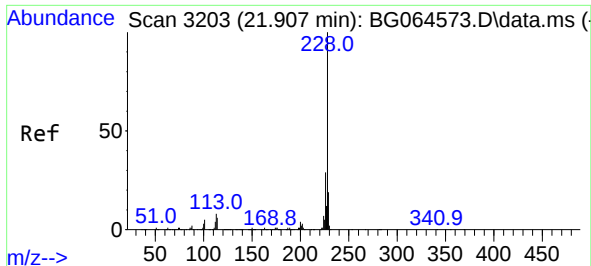
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#82
3,3'-Dichlorobenzidine
Concen: 33.942 ng
RT: 21.713 min Scan# 3170
Delta R.T. -0.029 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

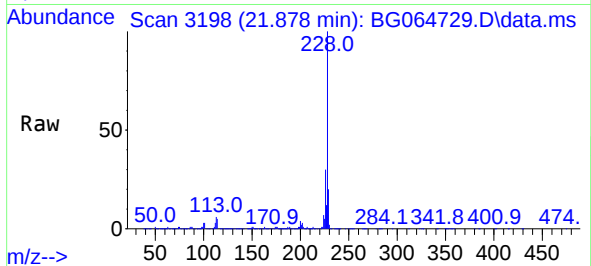
Tgt Ion:252 Resp: 249162
Ion Ratio Lower Upper
252 100
254 63.6 50.8 76.2
126 6.0 5.8 8.6





#83
Chrysene
Concen: 42.692 ng
RT: 21.878 min Scan# 31
Delta R.T. -0.029 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

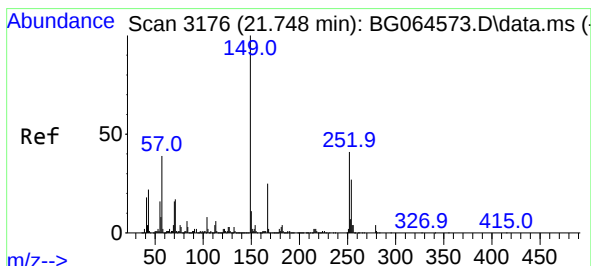
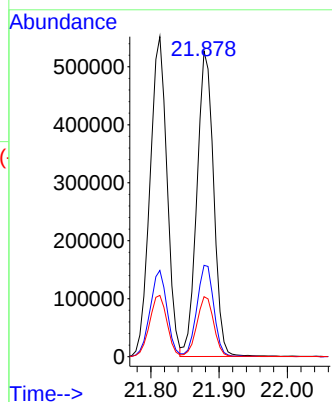
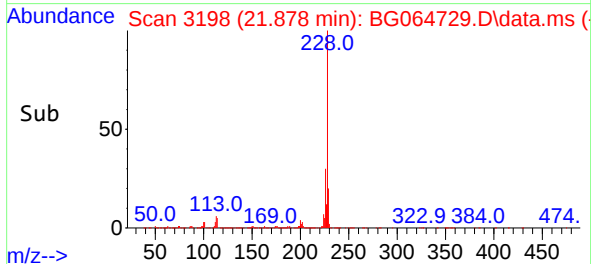
Instrument :
BNA_G
ClientSampleId :
PB170450BS



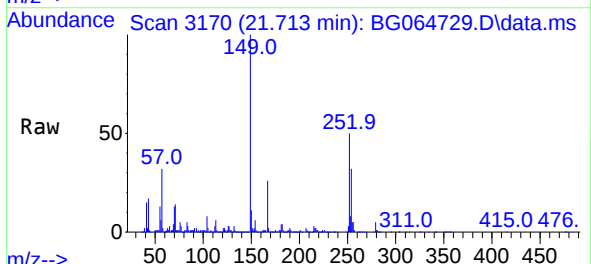
Tgt Ion:228 Resp: 893011
Ion Ratio Lower Upper
228 100
226 29.9 23.3 34.9
229 19.7 15.2 22.8

Manual Integrations
APPROVED

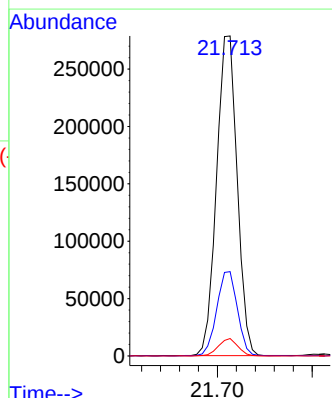
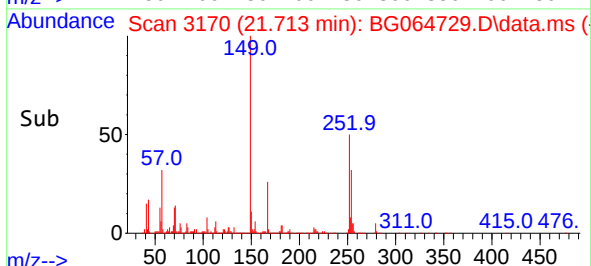
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025

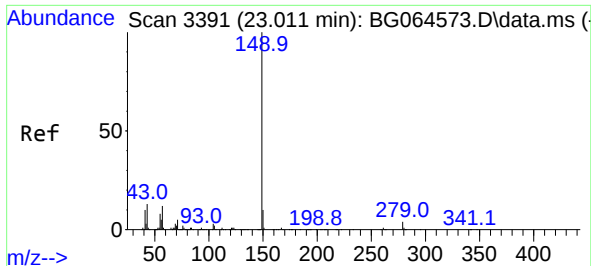


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.058 ng
RT: 21.713 min Scan# 3170
Delta R.T. -0.035 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53



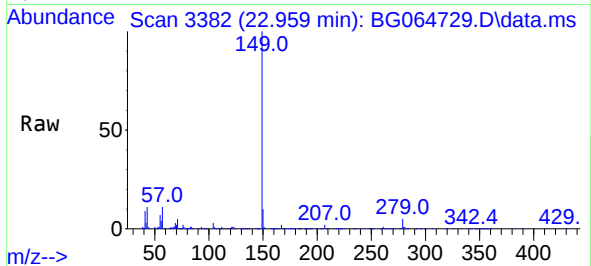
Tgt Ion:149 Resp: 421223
Ion Ratio Lower Upper
149 100
167 26.3 20.0 30.0
279 5.4 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 43.502 ng
RT: 22.959 min Scan# 31
Delta R.T. -0.052 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

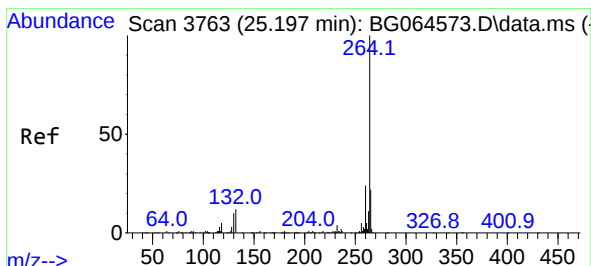
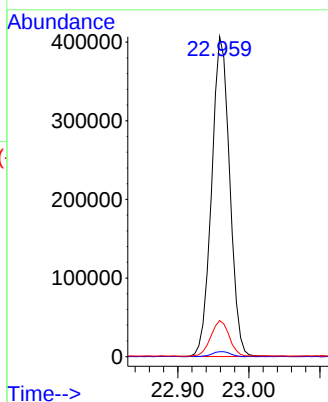
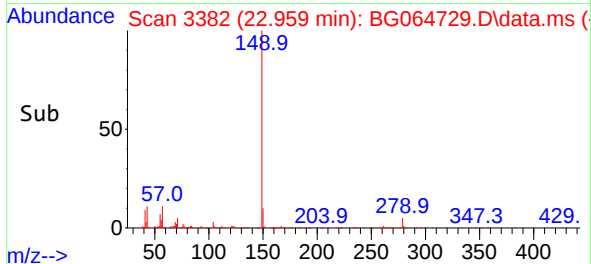
Instrument :
BNA_G
ClientSampleId :
PB170450BS



Tgt Ion:149 Resp: 717480
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.3 10.8 16.2

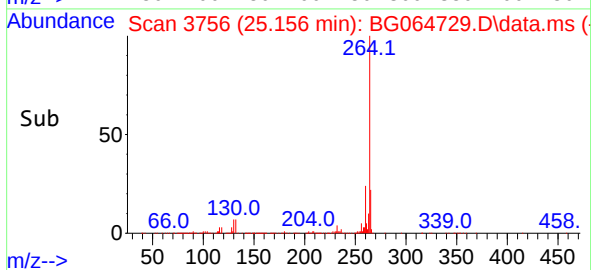
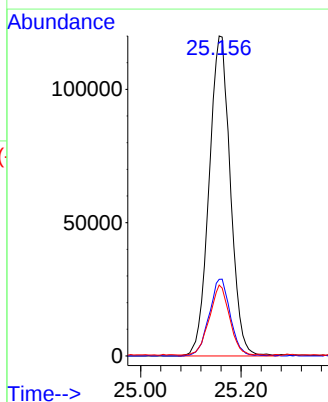
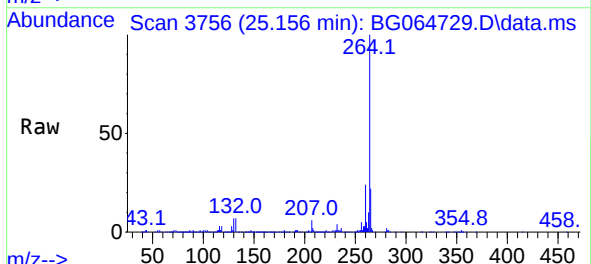
Manual Integrations
APPROVED

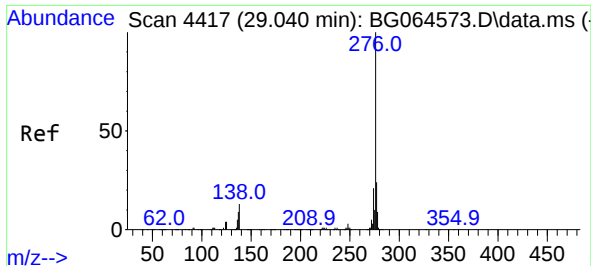
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.156 min Scan# 3756
Delta R.T. -0.041 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:264 Resp: 352281
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 22.1 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.787 ng
RT: 28.970 min Scan# 4417
Delta R.T. -0.070 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

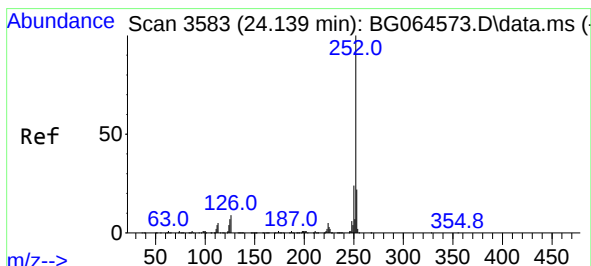
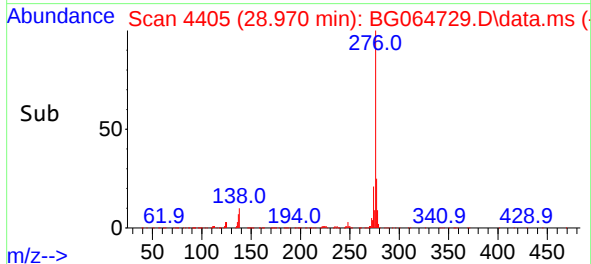
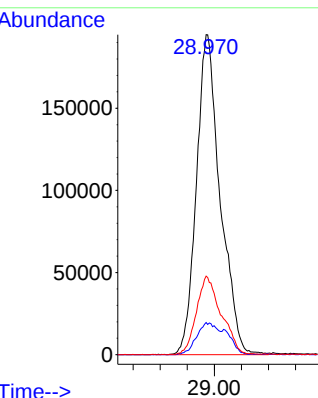
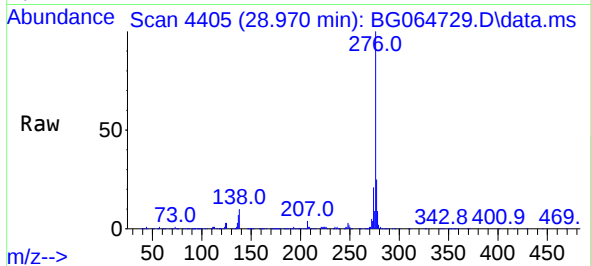
PB170450BS

Tgt Ion:276 Resp: 1186578
Ion Ratio Lower Upper
276 100
138 9.3 10.8 16.2
277 25.6 20.1 30.1

Manual Integrations

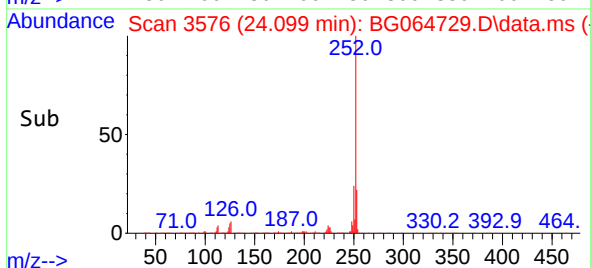
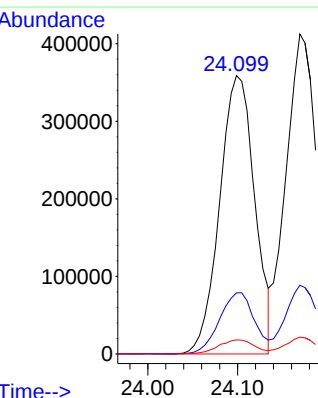
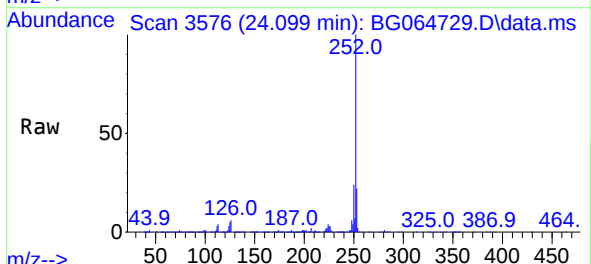
APPROVED

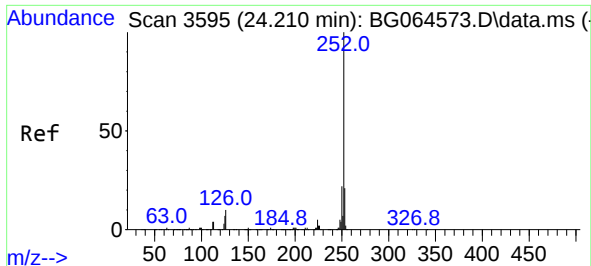
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#88
Benzo(b)fluoranthene
Concen: 44.981 ng
RT: 24.099 min Scan# 3576
Delta R.T. -0.041 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:252 Resp: 971673
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 5.0 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 46.349 ng
RT: 24.169 min Scan# 3595
Delta R.T. -0.041 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

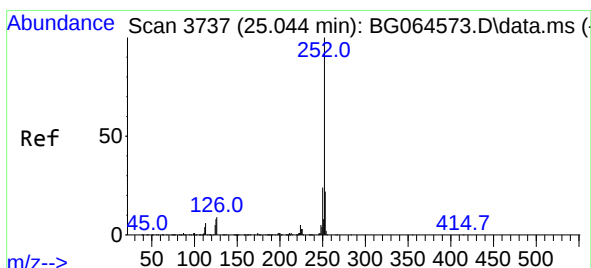
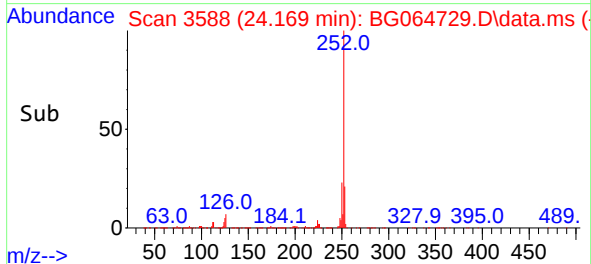
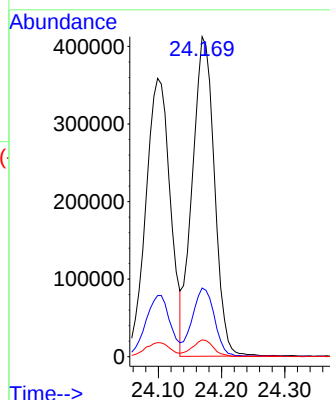
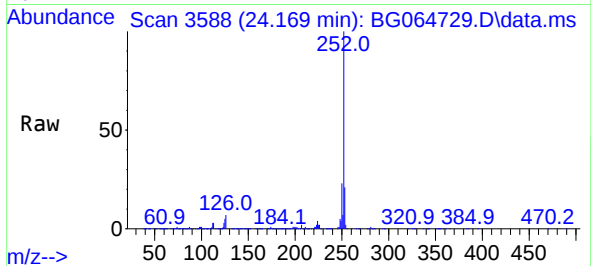
PB170450BS

Tgt Ion:252 Resp: 100191
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 5.2 5.4 8.0

Manual Integrations

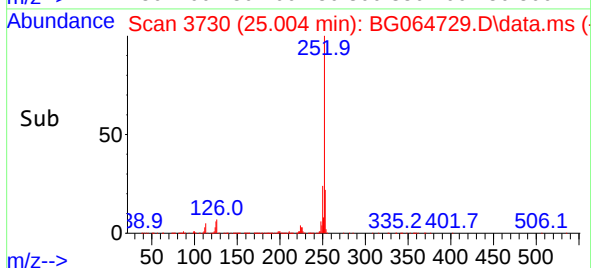
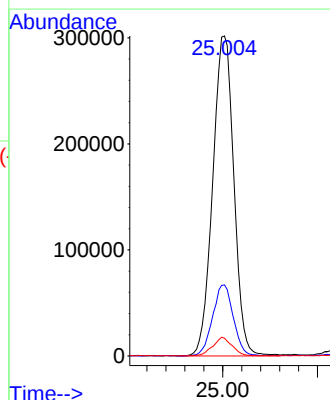
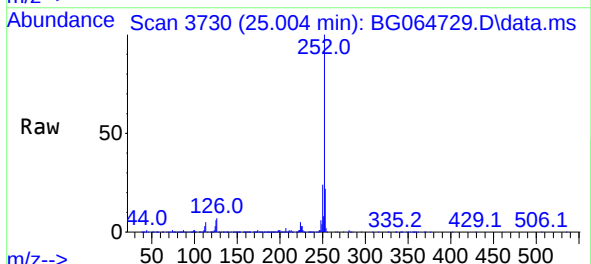
APPROVED

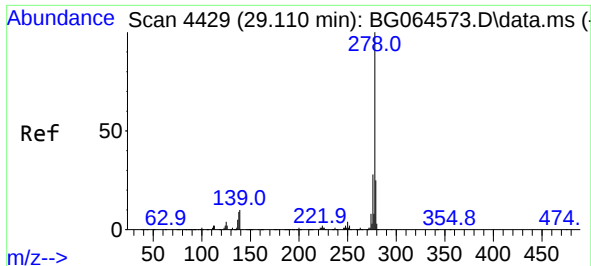
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025



#90
Benzo(a)pyrene
Concen: 47.152 ng
RT: 25.004 min Scan# 3730
Delta R.T. -0.041 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Tgt Ion:252 Resp: 936274
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 5.6 6.1 9.1





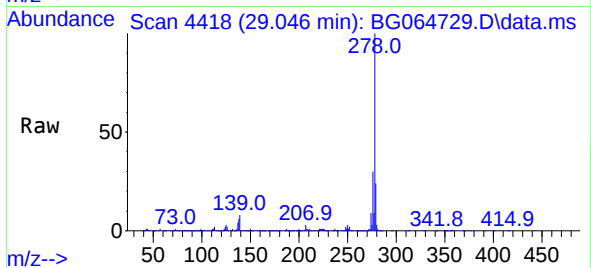
#91
Dibenzo(a,h)anthracene
Concen: 46.803 ng
RT: 29.046 min Scan# 4429
Delta R.T. -0.064 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53

Instrument :

BNA_G

ClientSampleId :

PB170450BS

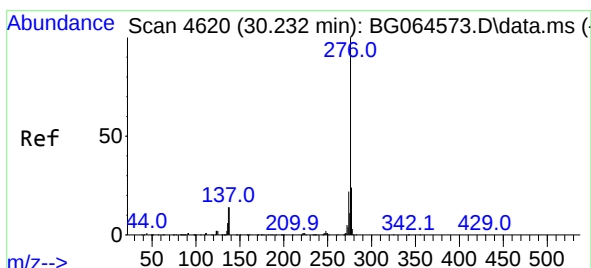
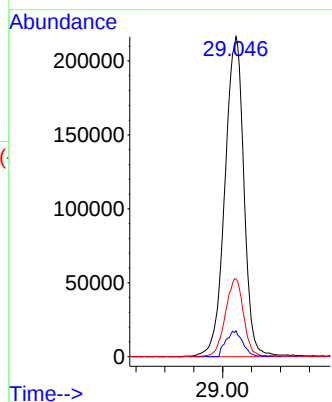
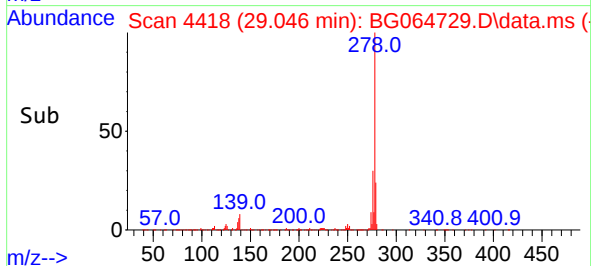


Tgt Ion:278 Resp: 98539
Ion Ratio Lower Upper
278 100
139 8.1 8.0 12.0
279 24.2 19.8 29.6

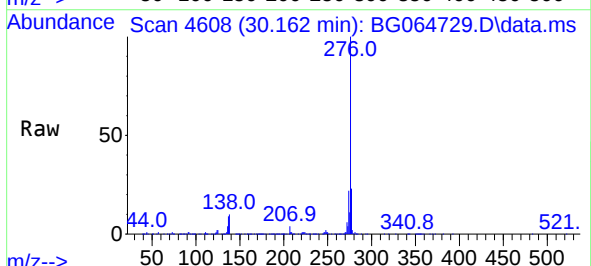
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 46.965 ng
RT: 30.162 min Scan# 4608
Delta R.T. -0.070 min
Lab File: BG064729.D
Acq: 10 Nov 2025 11:53



Tgt Ion:276 Resp: 944584
Ion Ratio Lower Upper
276 100
277 22.6 19.1 28.7
138 10.3 11.3 16.9#

