

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
 Data File : BG064229.D
 Acq On : 29 Aug 2025 14:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025

Quant Time: Aug 29 15:19:41 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	27501	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	130139	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	91549	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	218524	20.000	ng	0.00
76) Chrysene-d12	21.451	240	233922	20.000	ng	0.00
86) Perylene-d12	24.466	264	249739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	127143	82.945	ng	0.00
7) Phenol-d6	7.021	99	182762	86.786	ng	0.00
23) Nitrobenzene-d5	9.007	82	192242	82.384	ng	0.00
42) 2,4,6-Tribromophenol	15.964	330	100614	82.973	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	473418	78.931	ng	0.00
79) Terphenyl-d14	19.842	244	901414	80.397	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	25074	39.245	ng	95
3) Pyridine	3.749	79	78396	41.684	ng	# 60
4) n-Nitrosodimethylamine	3.666	42	49102	39.472	ng	90
6) Aniline	7.186	93	121599	41.756	ng	96
8) 2-Chlorophenol	7.421	128	77231	41.231	ng	99
9) Benzaldehyde	6.998	77	78264	45.160	ng	99
10) Phenol	7.051	94	99721	42.950	ng	97
11) bis(2-Chloroethyl)ether	7.280	93	73947	42.384	ng	98
12) 1,3-Dichlorobenzene	7.744	146	81228	40.762	ng	97
13) 1,4-Dichlorobenzene	7.891	146	84088	41.811	ng	92
14) 1,2-Dichlorobenzene	8.208	146	80668	41.560	ng	99
15) Benzyl Alcohol	8.091	79	78903	40.601	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.379	45	163201	40.971	ng	98
17) 2-Methylphenol	8.296	107	71639	41.401	ng	90
18) Hexachloroethane	8.937	117	32665	41.609	ng	# 84
19) n-Nitroso-di-n-propyla...	8.661	70	66629	41.341	ng	98
20) 3+4-Methylphenols	8.619	107	98771	41.080	ng	96
22) Acetophenone	8.672	105	131780	40.026	ng	97
24) Nitrobenzene	9.048	77	98877	40.556	ng	99
25) Isophorone	9.571	82	194576	40.121	ng	97
26) 2-Nitrophenol	9.759	139	43040	40.856	ng	# 87
27) 2,4-Dimethylphenol	9.818	122	75415	40.775	ng	98
28) bis(2-Chloroethoxy)met...	10.053	93	106860	40.864	ng	96
29) 2,4-Dichlorophenol	10.294	162	80498	41.249	ng	98
30) 1,2,4-Trichlorobenzene	10.511	180	83226	40.447	ng	97
31) Naphthalene	10.693	128	272421	40.368	ng	98
32) Benzoic acid	9.959	122	63348m	43.147	ng	
33) 4-Chloroaniline	10.799	127	105044	40.161	ng	99
34) Hexachlorobutadiene	10.987	225	59051	38.823	ng	89
35) Caprolactam	11.569	113	31704	41.956	ng	# 84
36) 4-Chloro-3-methylphenol	11.927	107	99450	39.277	ng	97
37) 2-Methylnaphthalene	12.303	142	199621	39.796	ng	95
38) 1-Methylnaphthalene	12.521	142	194556	39.268	ng	95
40) 1,2,4,5-Tetrachloroben...	12.673	216	105525	39.949	ng	97
41) Hexachlorocyclopentadiene	12.656	237	52784	42.045	ng	89
43) 2,4,6-Trichlorophenol	12.914	196	71962	40.759	ng	94

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	78125	40.792	ng	98
46) 1,1'-Biphenyl	13.314	154	267611	40.134	ng	99
47) 2-Chloronaphthalene	13.355	162	200991	40.095	ng	97
48) 2-Nitroaniline	13.555	65	72223	42.271	ng	94
49) Acenaphthylene	14.201	152	305462	41.222	ng	99
50) Dimethylphthalate	13.937	163	281674	40.649	ng	99
51) 2,6-Dinitrotoluene	14.054	165	56801	42.341	ng	94
52) Acenaphthene	14.548	154	211586	40.460	ng	98
53) 3-Nitroaniline	14.383	138	58958	41.957	ng	90
54) 2,4-Dinitrophenol	14.589	184	31162	38.694	ng	92
55) Dibenzofuran	14.877	168	334916	40.717	ng	98
56) 4-Nitrophenol	14.689	139	52162	45.252	ng	88
57) 2,4-Dinitrotoluene	14.842	165	89486	44.117	ng	98
58) Fluorene	15.529	166	277418	41.149	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.106	232	78760	42.757	ng	97
60) Diethylphthalate	15.306	149	311637	42.022	ng	98
61) 4-Chlorophenyl-phenyle...	15.523	204	135834	40.410	ng	97
62) 4-Nitroaniline	15.541	138	67395	47.001	ng	# 85
63) Azobenzene	15.817	77	271923	41.139	ng	97
65) 4,6-Dinitro-2-methylph...	15.605	198	52171	41.583	ng	96
66) n-Nitrosodiphenylamine	15.740	169	245596	40.855	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	91860	39.578	ng	97
68) Hexachlorobenzene	16.534	284	100325	38.924	ng	97
69) Atrazine	16.686	200	104482	41.626	ng	98
70) Pentachlorophenol	16.874	266	66097	42.294	ng	94
71) Phenanthrene	17.262	178	470558	40.827	ng	98
72) Anthracene	17.356	178	480984	41.025	ng	99
73) Carbazole	17.621	167	436369	42.250	ng	99
74) Di-n-butylphthalate	18.191	149	527572	42.517	ng	99
75) Fluoranthene	19.272	202	563250	41.562	ng	99
77) Benzidine	19.454	184	209849	42.644	ng	99
78) Pyrene	19.636	202	598353	40.601	ng	99
80) Butylbenzylphthalate	20.535	149	232099	41.755	ng	94
81) Benzo(a)anthracene	21.434	228	602473	40.258	ng	100
82) 3,3'-Dichlorobenzidine	21.357	252	201815	41.407	ng	98
83) Chrysene	21.498	228	579979	40.368	ng	99
84) Bis(2-ethylhexyl)phtha...	21.363	149	345909	41.449	ng	98
85) Di-n-octyl phthalate	22.503	149	598165	41.136	ng	100
87) Indeno(1,2,3-cd)pyrene	27.856	276	710395	41.653	ng	# 97
88) Benzo(b)fluoranthene	23.514	252	580182	41.162	ng	98
89) Benzo(k)fluoranthene	23.578	252	613645	42.734	ng	97
90) Benzo(a)pyrene	24.325	252	548931	41.866	ng	99
91) Dibenzo(a,h)anthracene	27.909	278	577490	42.172	ng	98
92) Benzo(g,h,i)perylene	28.913	276	553764	41.559	ng	98

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

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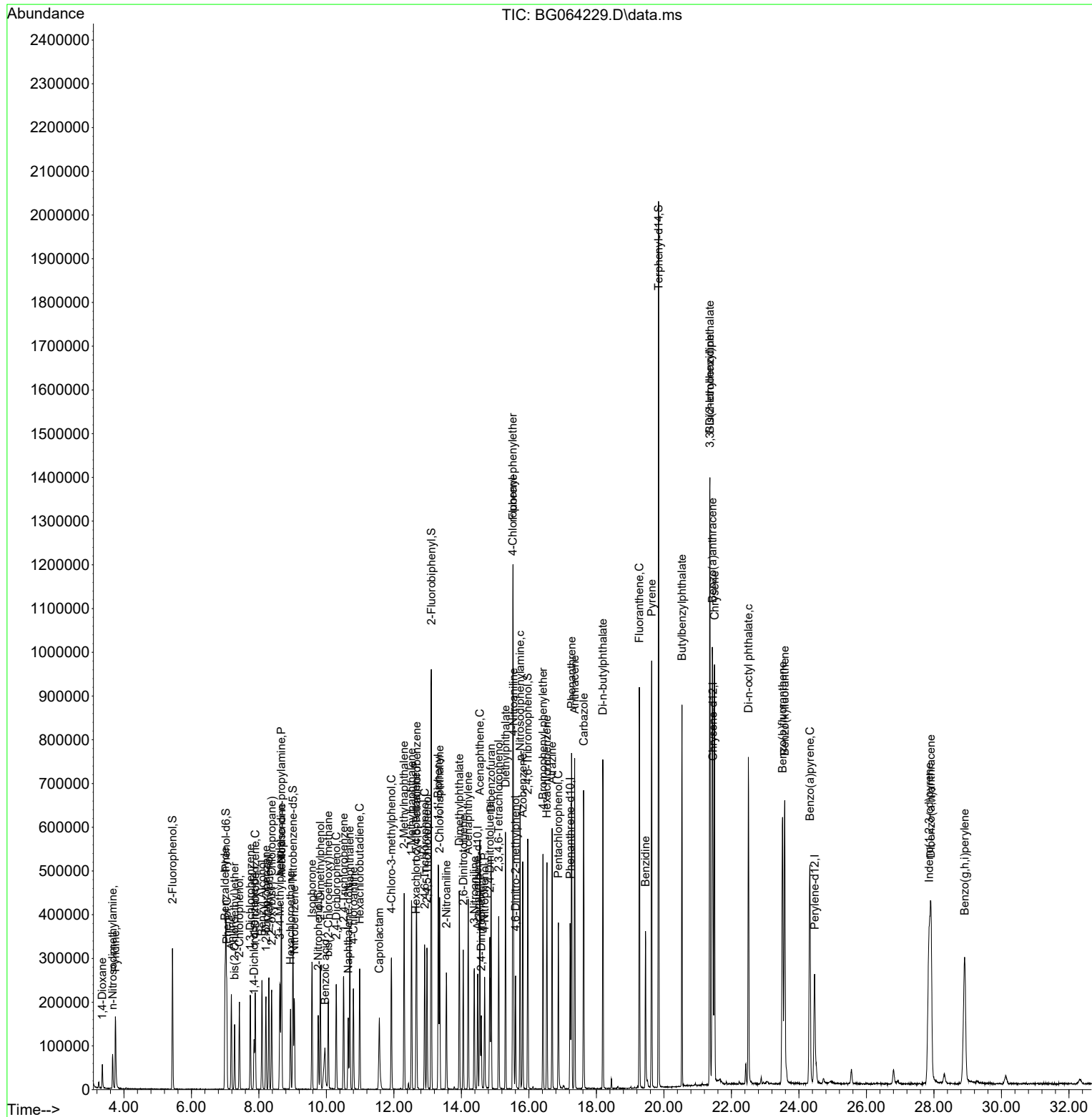
Quant Time: Aug 29 15:19:41 2025

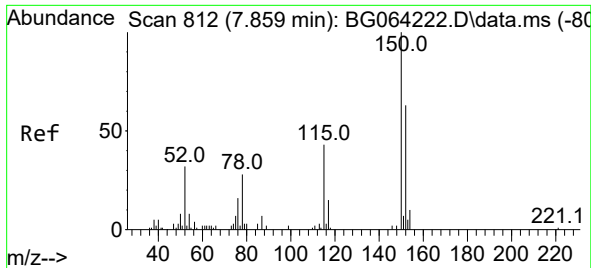
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

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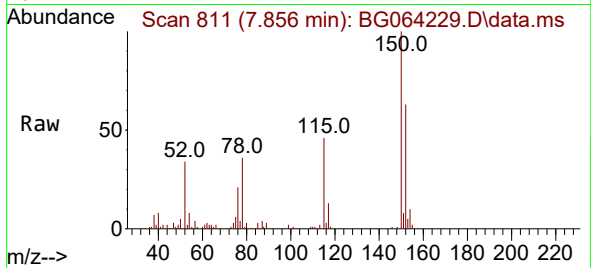
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.856 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

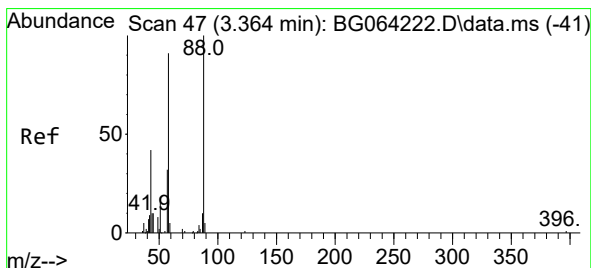
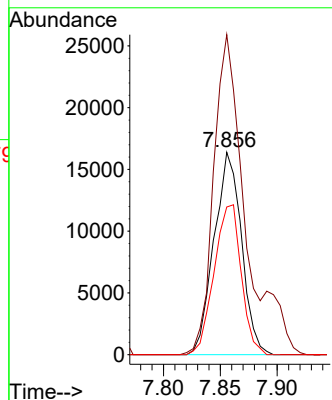
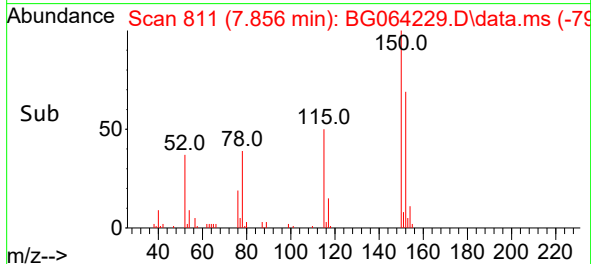
Instrument :
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ClientSampleId :
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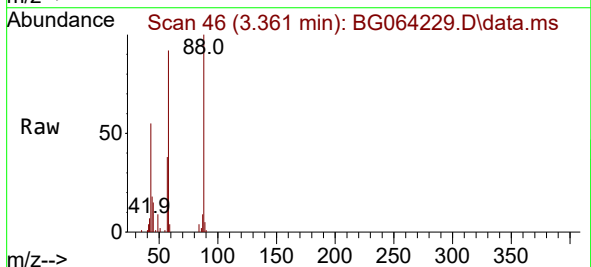
Tgt Ion:152 Resp: 2750
Ion Ratio Lower Upper
152 100
150 158.1 128.0 192.0
115 73.0 55.7 83.5

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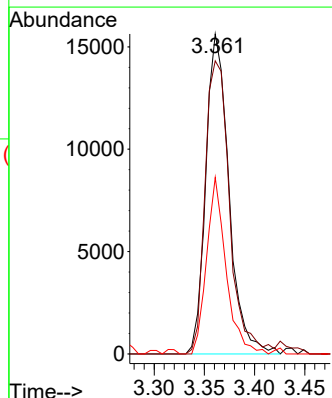
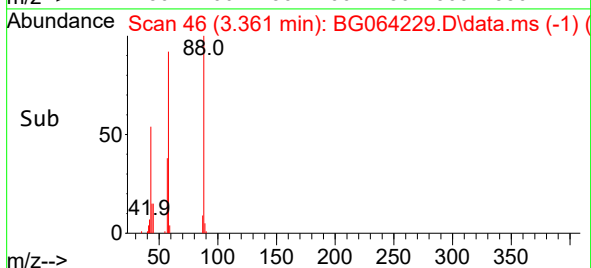
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

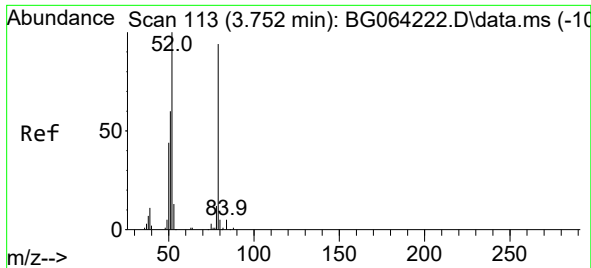


#2
1,4-Dioxane
Concen: 39.245 ng
RT: 3.361 min Scan# 46
Delta R.T. 0.002 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30



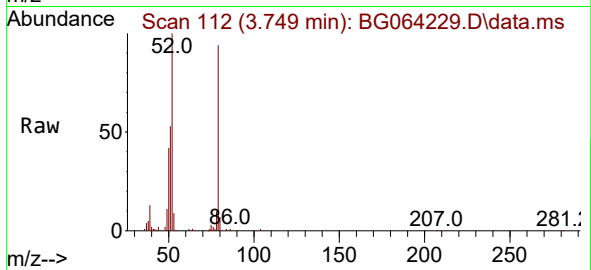
Tgt Ion: 88 Resp: 25074
Ion Ratio Lower Upper
88 100
58 97.0 80.8 121.2
43 46.4 40.3 60.5





#3
Pyridine
Concen: 41.684 ng
RT: 3.749 min Scan# 113
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

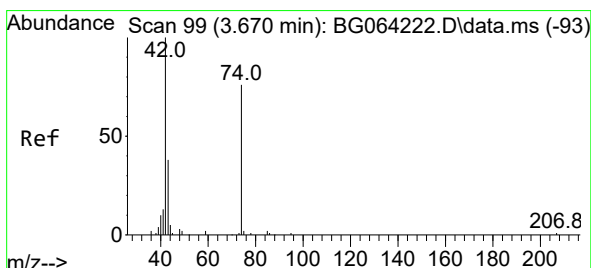
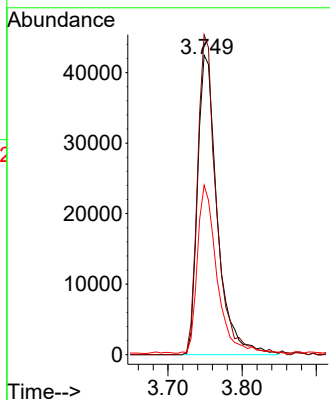
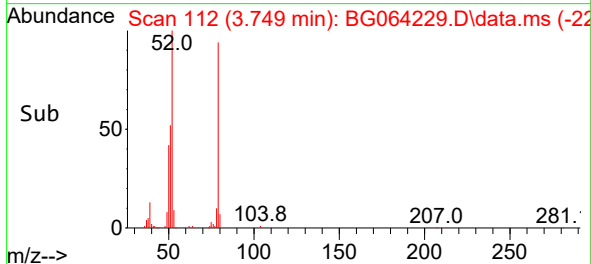
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



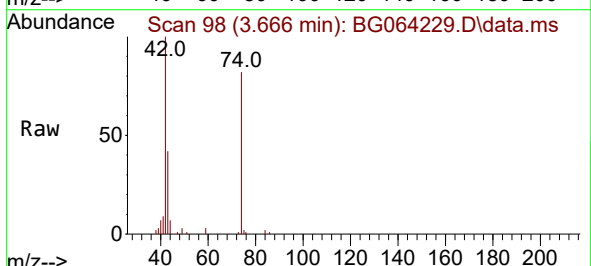
Tgt Ion: 79 Resp: 78390
Ion Ratio Lower Upper
79 100
52 106.8 86.6 129.8
51 56.6 114.1 171.1

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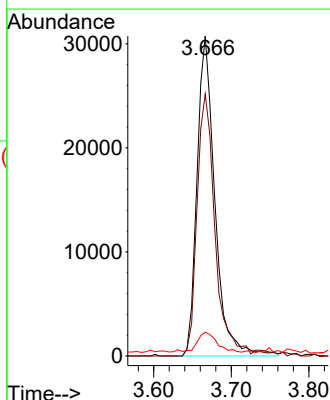
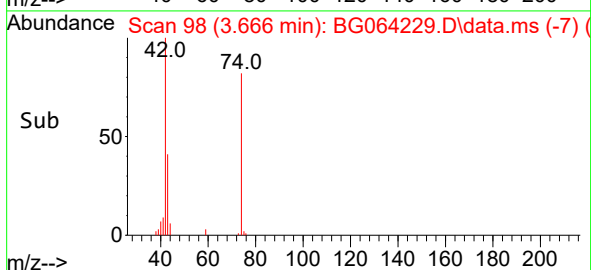
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

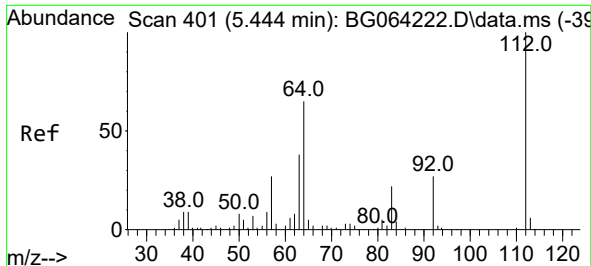


#4
n-Nitrosodimethylamine
Concen: 39.472 ng
RT: 3.666 min Scan# 98
Delta R.T. 0.002 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30



Tgt Ion: 42 Resp: 49102
Ion Ratio Lower Upper
42 100
74 81.9 58.0 87.0
44 7.5 5.5 8.3





#5
2-Fluorophenol
Concen: 82.945 ng
RT: 5.441 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

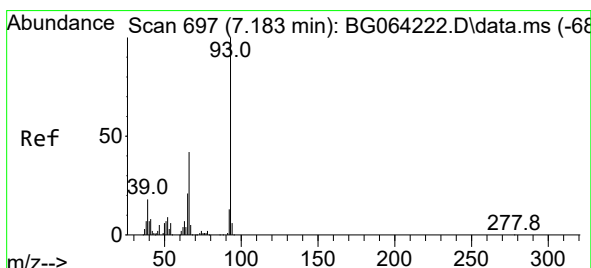
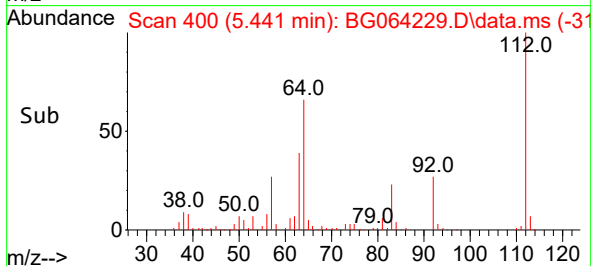
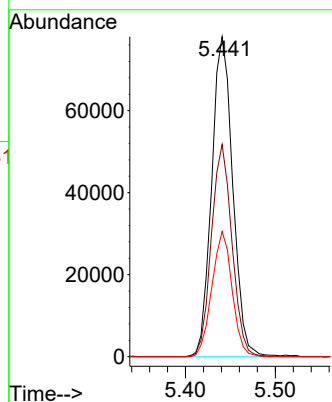
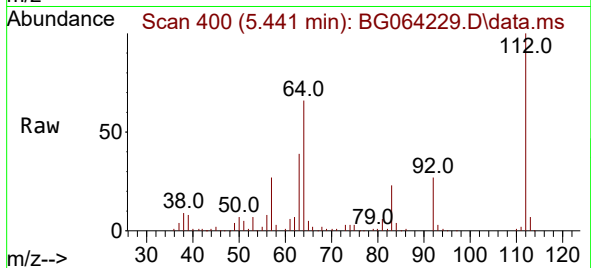
Tgt Ion:112 Resp: 12714
Ion Ratio Lower Upper
112 100
64 66.3 51.8 77.6
63 39.1 30.6 45.8

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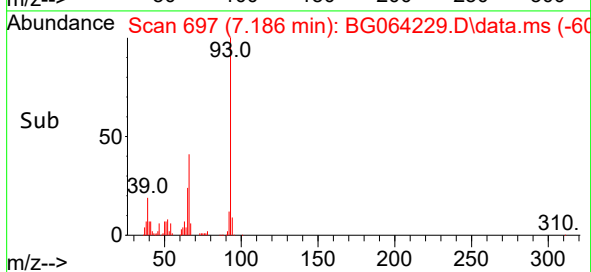
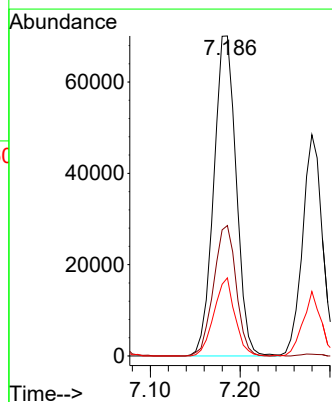
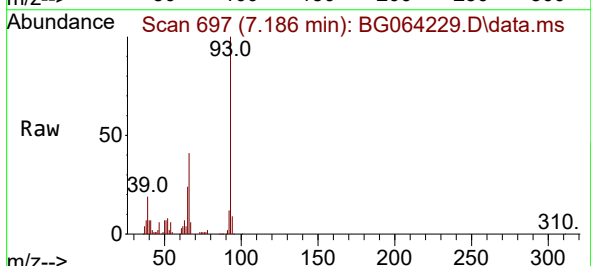
Reviewed By :Rahul Chavli 09/02/2025

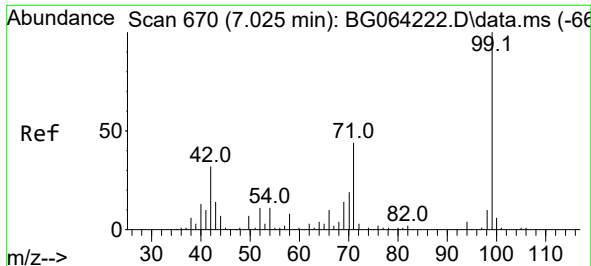
Supervised By :Jagrut Upadhyay 09/02/2025



#6
Aniline
Concen: 41.756 ng
RT: 7.186 min Scan# 697
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Tgt Ion: 93 Resp: 121599
Ion Ratio Lower Upper
93 100
66 40.8 33.8 50.8
65 24.4 16.9 25.3





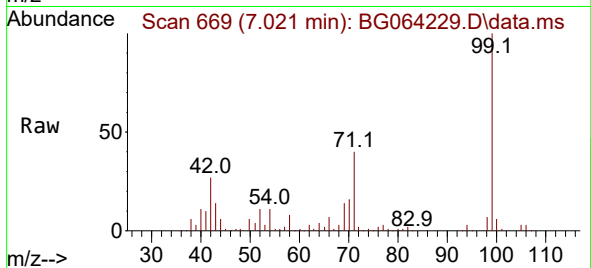
#7
Phenol-d6
Concen: 86.786 ng
RT: 7.021 min Scan# 609
Delta R.T. -0.009 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

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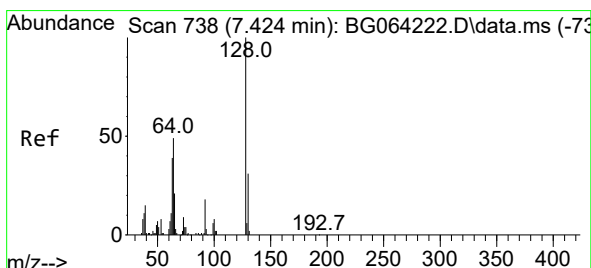
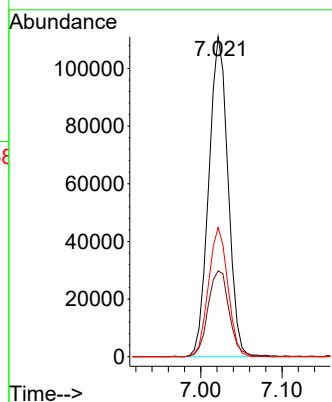
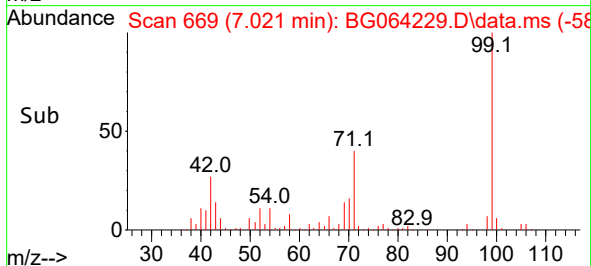
Tgt Ion: 99 Resp: 182762
Ion Ratio Lower Upper
99 100
42 26.8 25.8 38.8
71 40.4 35.2 52.8

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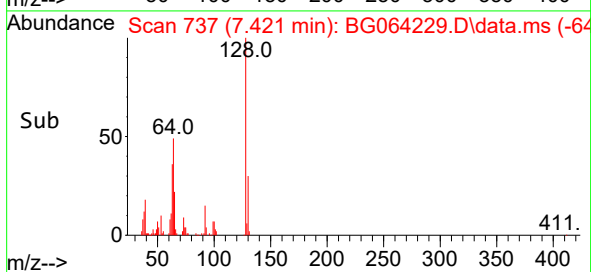
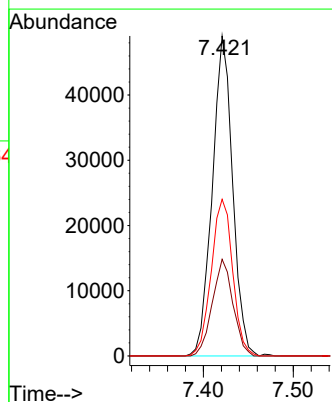
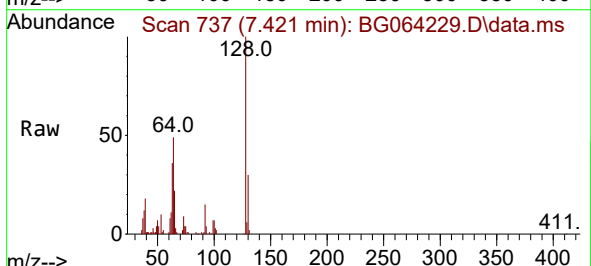
Reviewed By :Rahul Chavli 09/02/2025

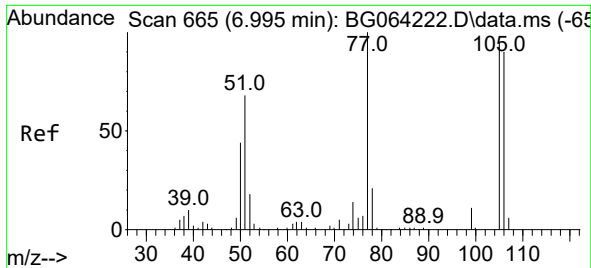
Supervised By :Jagrut Upadhyay 09/02/2025



#8
2-Chlorophenol
Concen: 41.231 ng
RT: 7.421 min Scan# 737
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

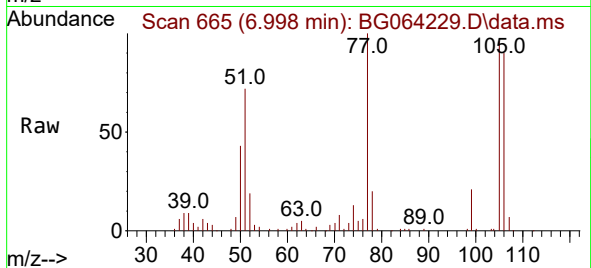
Tgt Ion:128 Resp: 77231
Ion Ratio Lower Upper
128 100
130 30.2 10.9 50.9
64 49.0 28.7 68.7





#9
Benzaldehyde
Concen: 45.160 ng
RT: 6.998 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

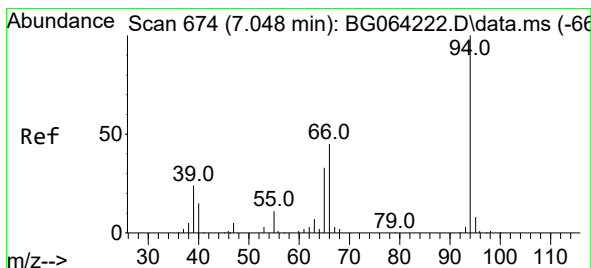
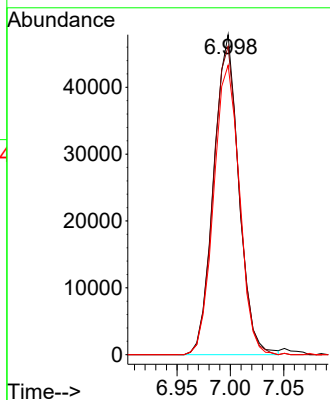
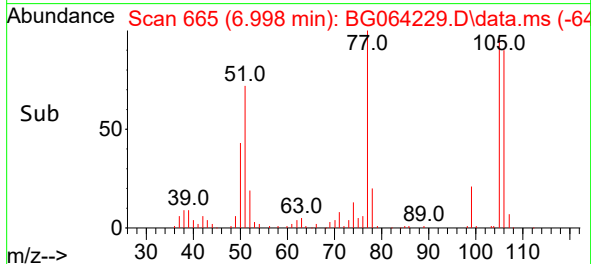
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Tgt Ion: 77 Resp: 78264
Ion Ratio Lower Upper
77 100
105 96.4 75.2 115.2
106 90.4 69.6 109.6

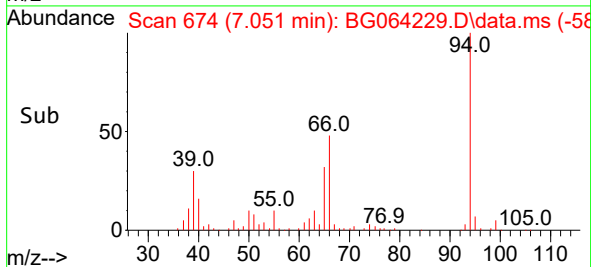
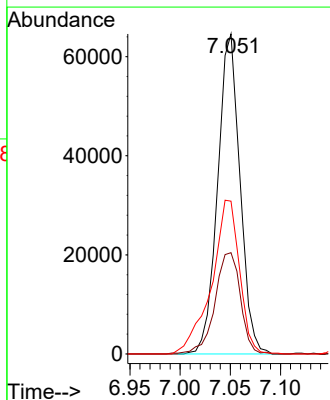
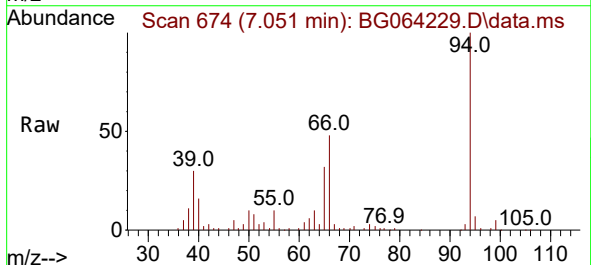
Manual Integrations
APPROVED

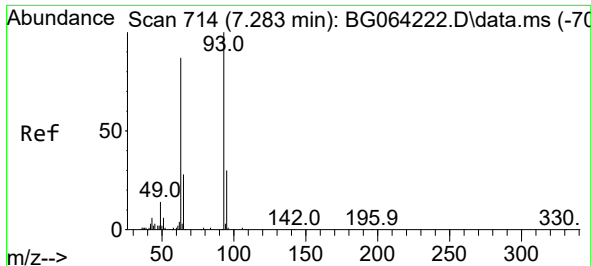
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#10
Phenol
Concen: 42.950 ng
RT: 7.051 min Scan# 674
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

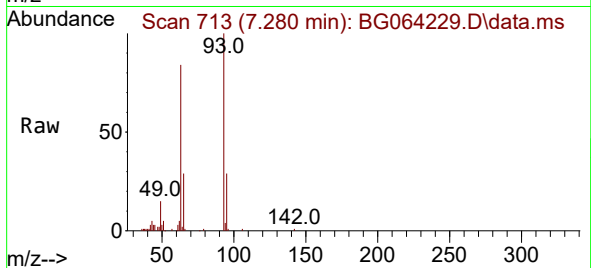
Tgt Ion: 94 Resp: 99721
Ion Ratio Lower Upper
94 100
65 31.6 13.5 53.5
66 47.8 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 42.384 ng
RT: 7.280 min Scan# 714
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

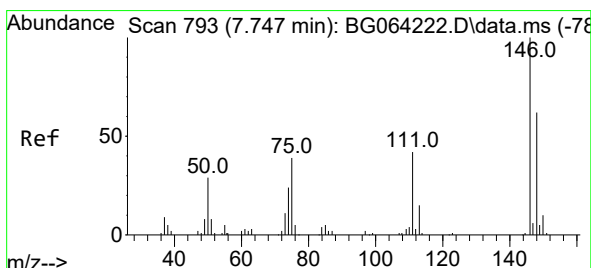
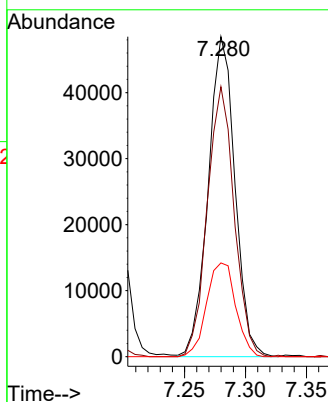
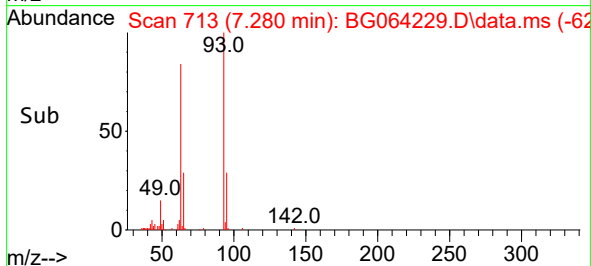
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 7394
Ion Ratio Lower Upper
93 100
63 84.4 66.2 106.2
95 29.3 9.8 49.8

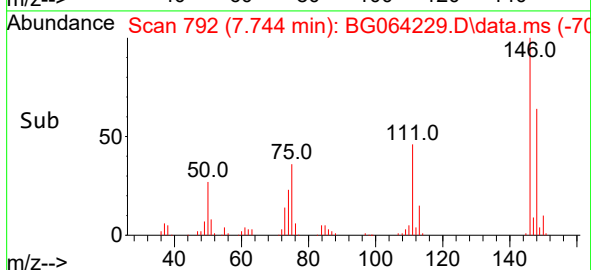
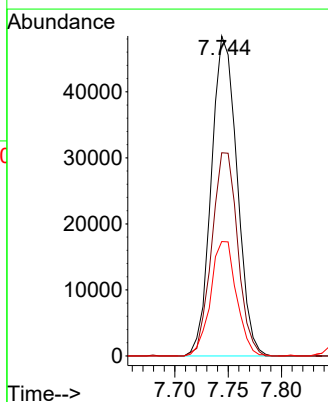
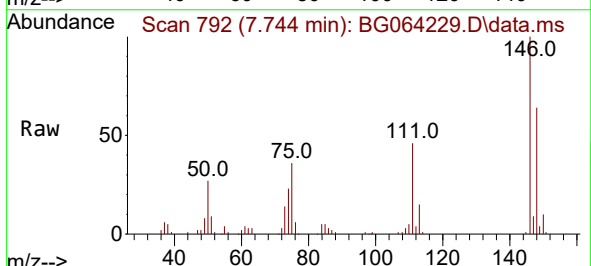
Manual Integrations
APPROVED

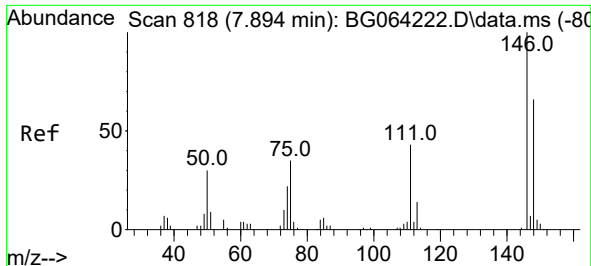
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#12
1,3-Dichlorobenzene
Concen: 40.762 ng
RT: 7.744 min Scan# 792
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Tgt Ion:146 Resp: 81228
Ion Ratio Lower Upper
146 100
148 63.5 49.6 74.4
75 35.7 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 41.811 ng

RT: 7.891 min Scan# 818

Delta R.T. -0.004 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

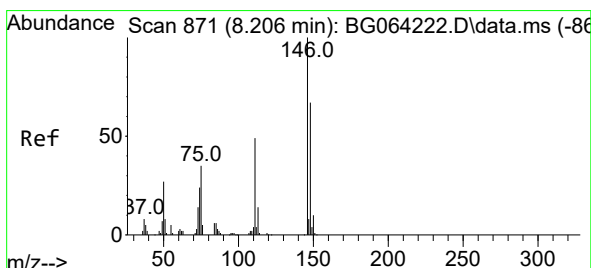
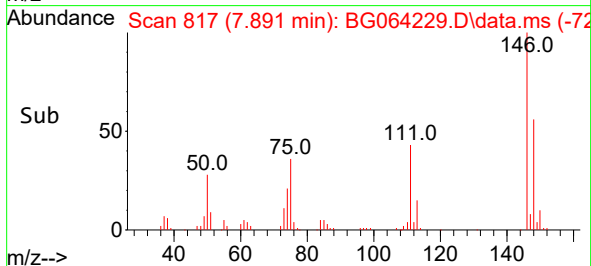
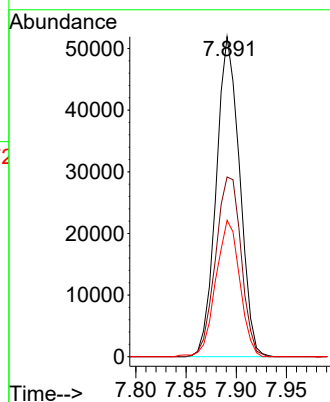
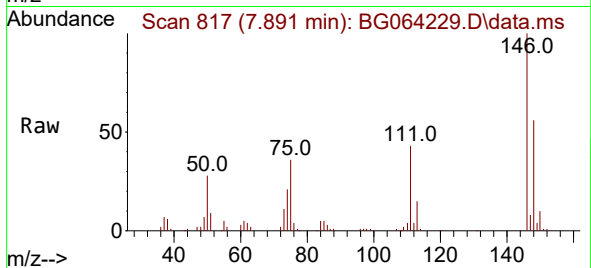
Tgt Ion:146 Resp: 84088
 Ion Ratio Lower Upper
 146 100
 148 56.2 52.8 79.2
 111 42.6 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#14

1,2-Dichlorobenzene

Concen: 41.560 ng

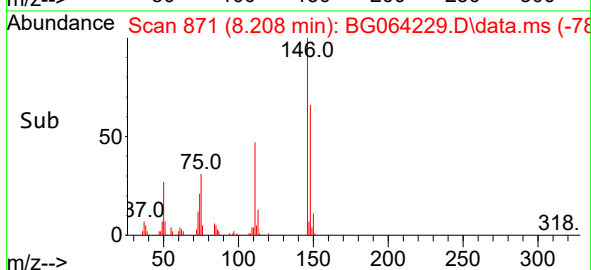
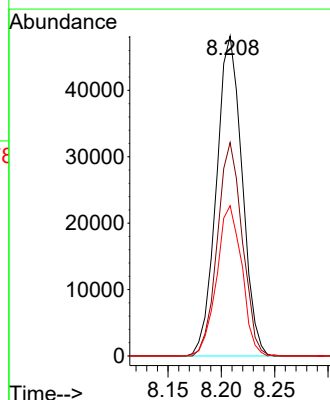
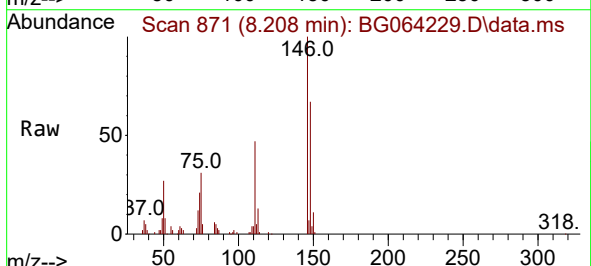
RT: 8.208 min Scan# 871

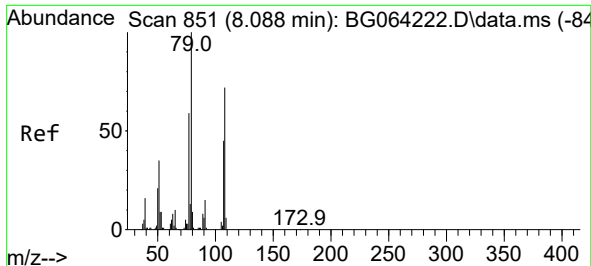
Delta R.T. -0.004 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

Tgt Ion:146 Resp: 80668
 Ion Ratio Lower Upper
 146 100
 148 66.7 53.4 80.0
 111 47.0 39.1 58.7





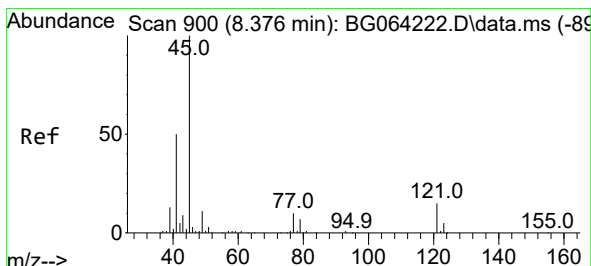
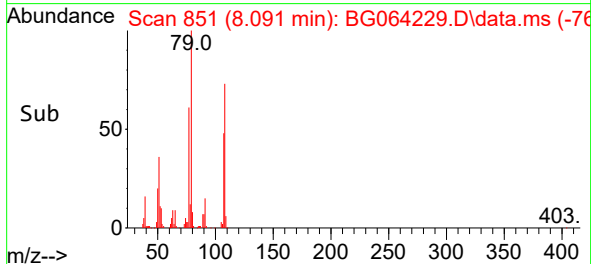
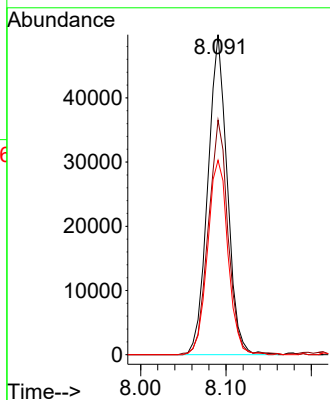
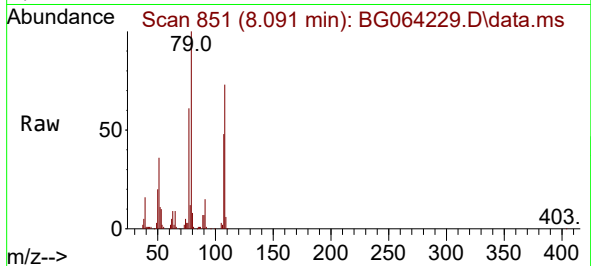
#15
Benzyl Alcohol
Concen: 40.601 ng
RT: 8.091 min Scan# 851
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 7890
Ion Ratio Lower Upper
79 100
108 73.3 57.4 86.0
77 60.8 47.2 70.8

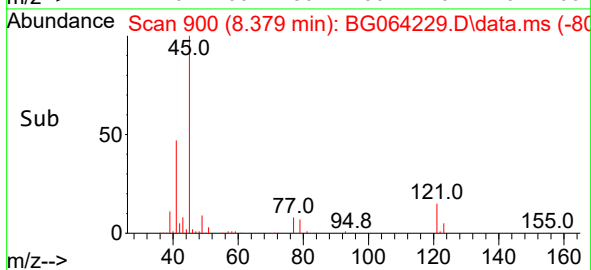
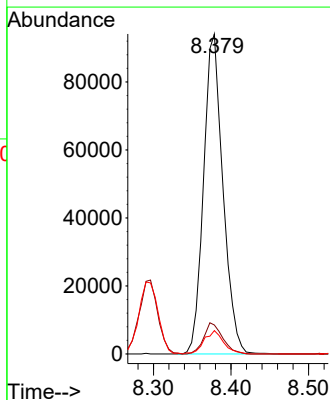
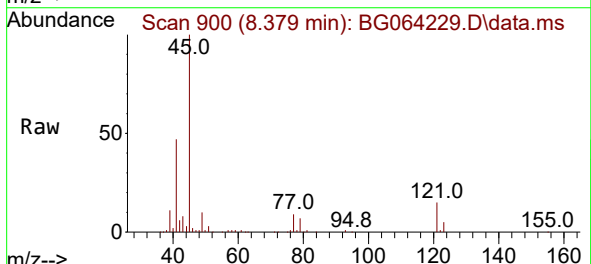
Manual Integrations
APPROVED

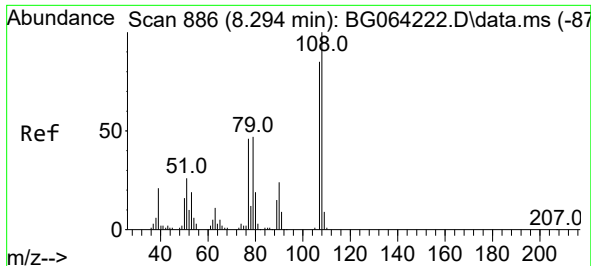
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.971 ng
RT: 8.379 min Scan# 900
Delta R.T. 0.002 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Tgt Ion: 45 Resp: 163201
Ion Ratio Lower Upper
45 100
77 9.1 0.0 30.0
79 7.3 0.0 27.9





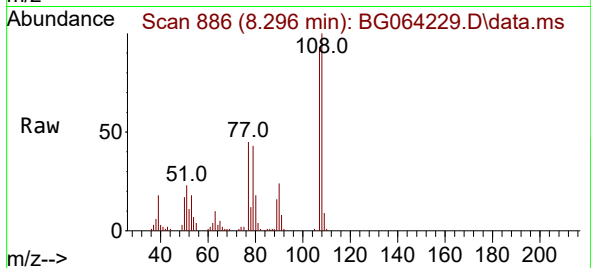
#17
2-Methylphenol
Concen: 41.401 ng
RT: 8.296 min Scan# 886
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



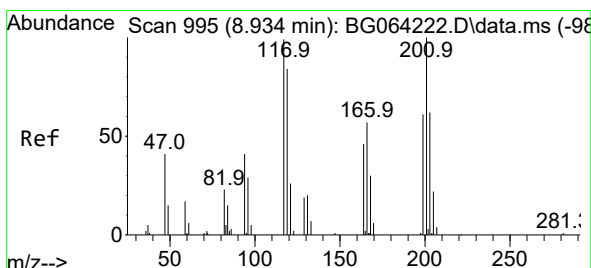
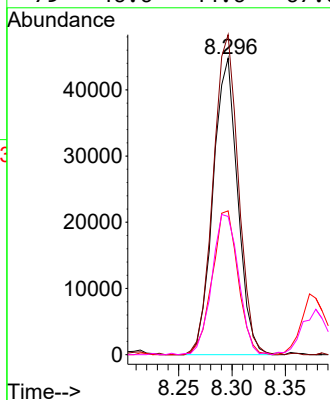
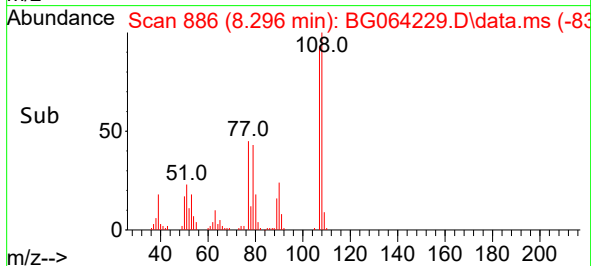
Tgt Ion:	107	Resp:	71639
Ion	Ratio	Lower	Upper
107	100		
108	107.9	94.6	141.8
77	48.5	43.7	65.5
79	46.6	44.6	67.0

Manual Integrations

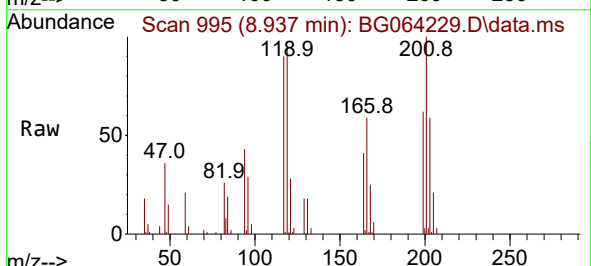
APPROVED

Reviewed By :Rahul Chavli 09/02/2025

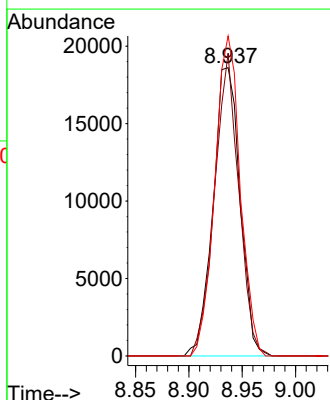
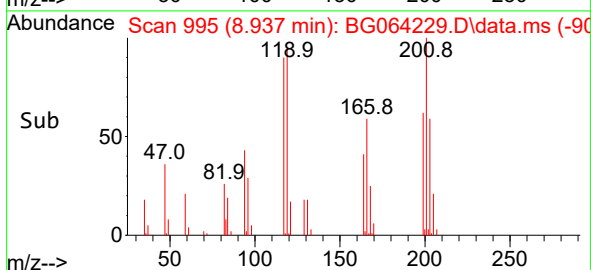
Supervised By :Jagrut Upadhyay 09/02/2025

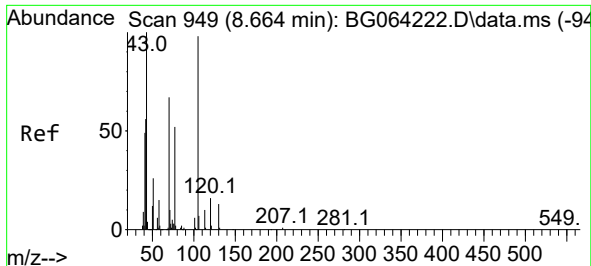


#18
Hexachloroethane
Concen: 41.609 ng
RT: 8.937 min Scan# 995
Delta R.T. 0.002 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30



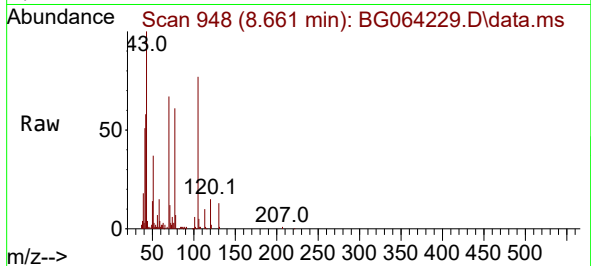
Tgt Ion:	117	Resp:	32665
Ion	Ratio	Lower	Upper
117	100		
119	105.0	67.9	101.9#
201	111.0	80.5	120.7





#19
n-Nitroso-di-n-propylamine
Concen: 41.341 ng
RT: 8.661 min Scan# 941
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

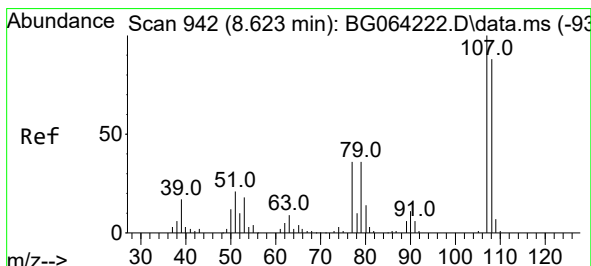
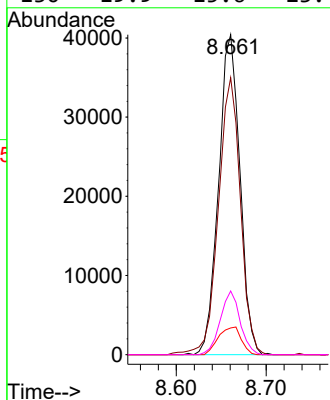
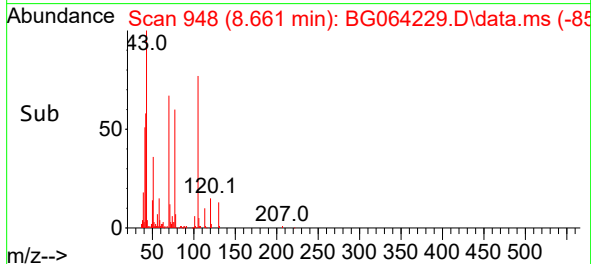
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



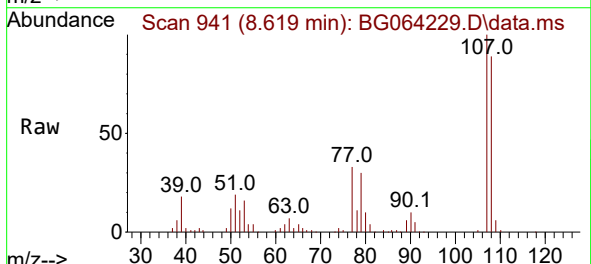
Tgt Ion: 70 Resp: 66629
Ion Ratio Lower Upper
70 100
42 86.5 67.9 101.9
101 8.4 7.3 10.9
130 19.9 15.6 23.4

Manual Integrations
APPROVED

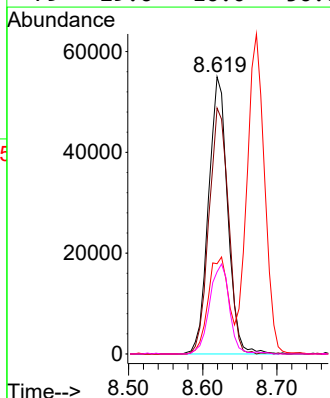
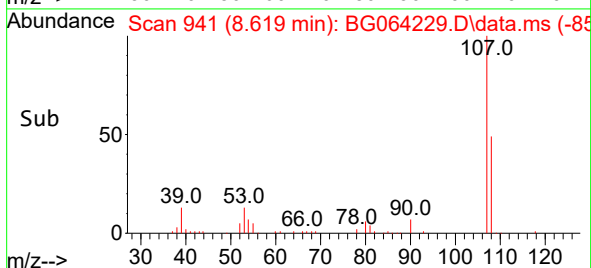
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

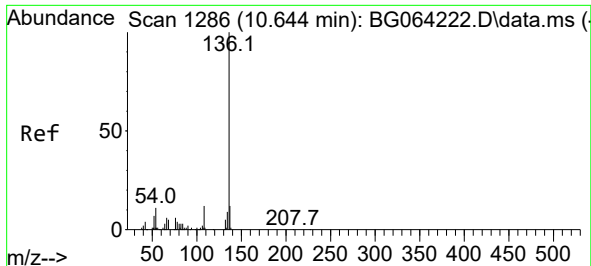


#20
3+4-Methylphenols
Concen: 41.080 ng
RT: 8.619 min Scan# 941
Delta R.T. -0.009 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30



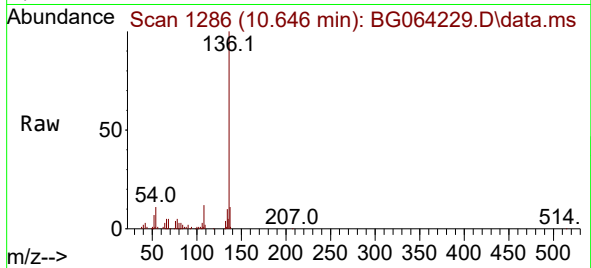
Tgt Ion:107 Resp: 98771
Ion Ratio Lower Upper
107 100
108 88.7 68.1 108.1
77 32.5 15.9 55.9
79 29.6 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 136
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

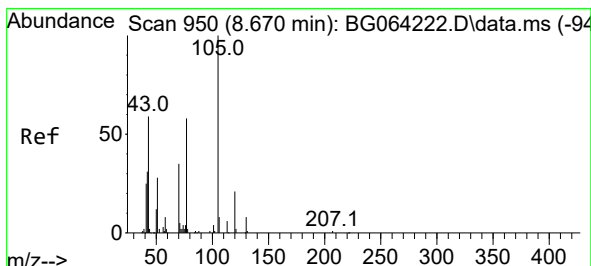
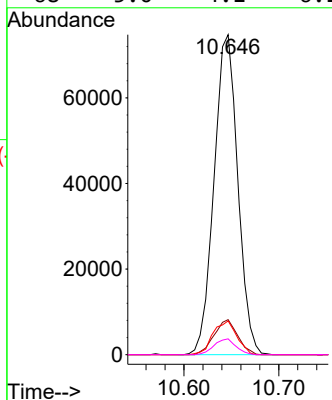
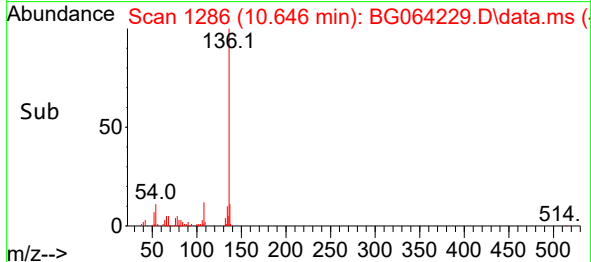
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:	136	Resp:	130139
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.6	14.4
54	10.6	8.8	13.2
68	5.0	4.1	6.1

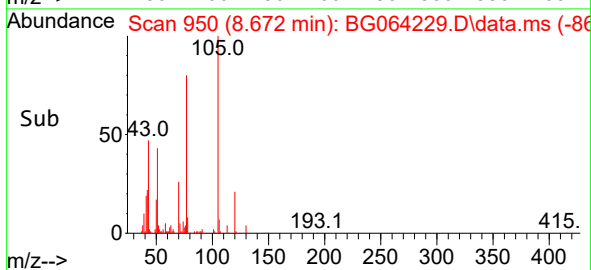
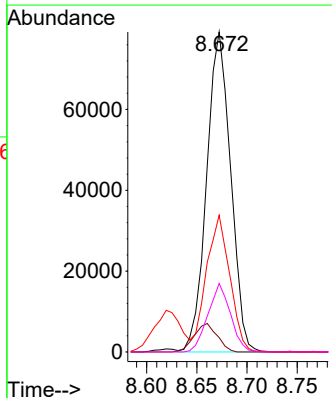
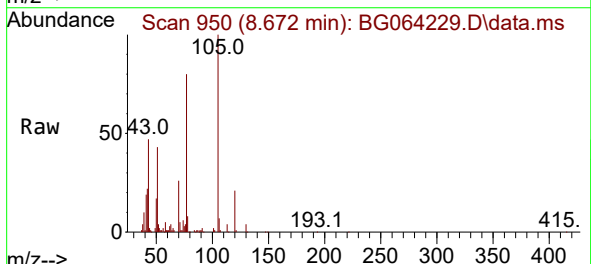
Manual Integrations
APPROVED

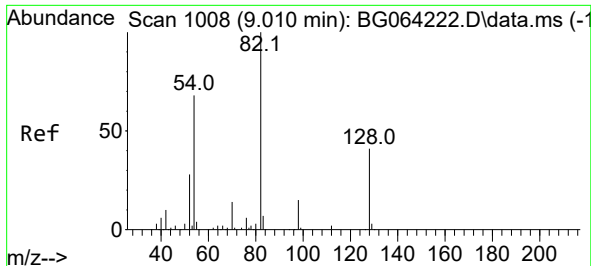
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#22
Acetophenone
Concen: 40.026 ng
RT: 8.672 min Scan# 950
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Tgt Ion:	105	Resp:	131780
Ion Ratio	Lower	Upper	
105	100		
71	4.5	4.3	6.5
51	42.7	32.4	48.6
120	21.4	16.8	25.2





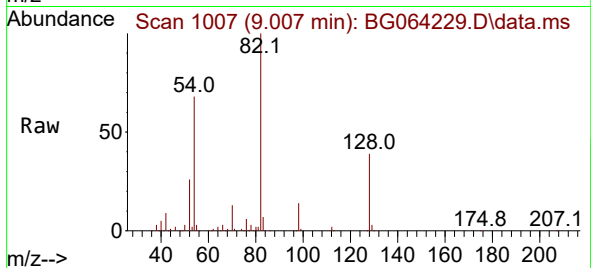
#23
Nitrobenzene-d5
Concen: 82.384 ng
RT: 9.007 min Scan# 1007
Delta R.T. -0.009 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



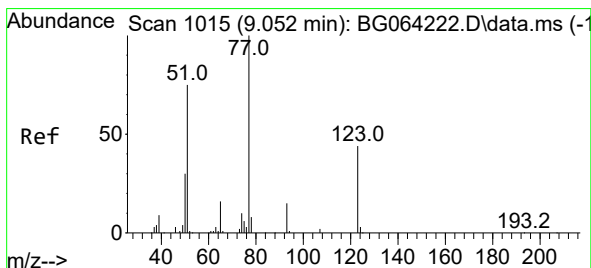
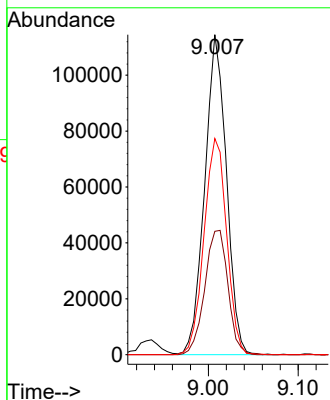
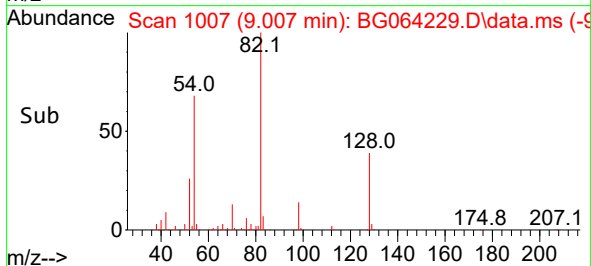
Tgt Ion: 82 Resp: 19224
Ion Ratio Lower Upper
82 100
128 38.6 32.6 48.8
54 67.5 54.7 82.1

Manual Integrations

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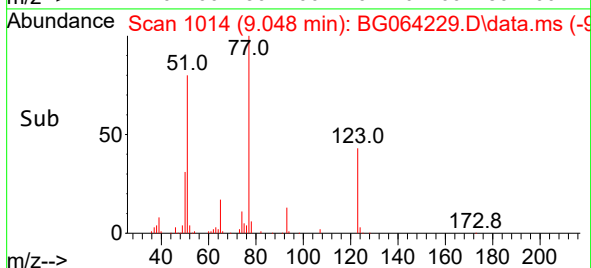
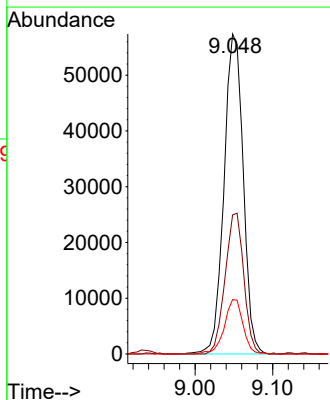
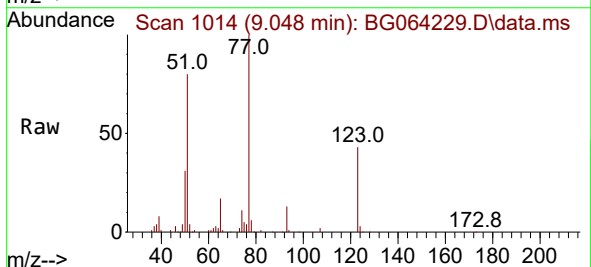
Reviewed By :Rahul Chavli 09/02/2025

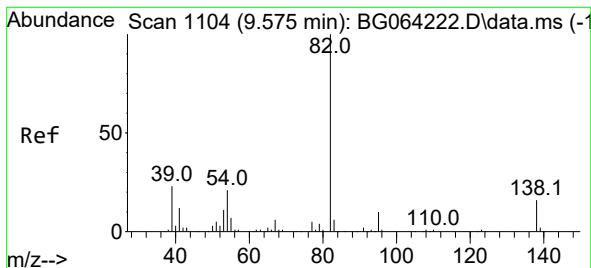
Supervised By :Jagrut Upadhyay 09/02/2025



#24
Nitrobenzene
Concen: 40.556 ng
RT: 9.048 min Scan# 1014
Delta R.T. -0.009 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Tgt Ion: 77 Resp: 98877
Ion Ratio Lower Upper
77 100
123 43.4 35.2 52.8
65 17.0 12.6 19.0





#25

Isophorone

Concen: 40.121 ng

RT: 9.571 min Scan# 1103

Delta R.T. -0.015 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

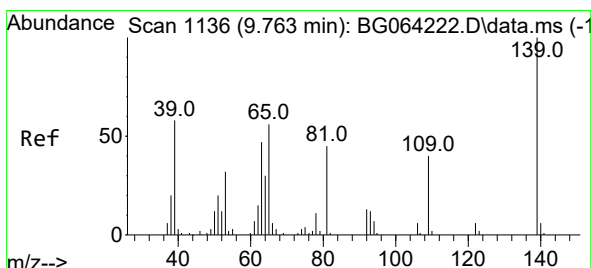
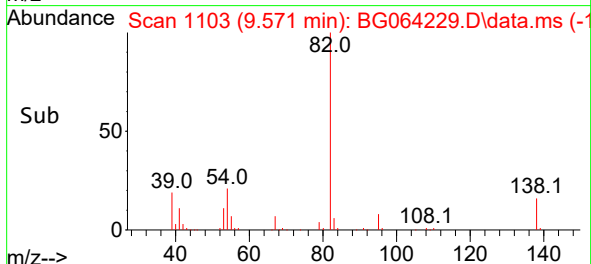
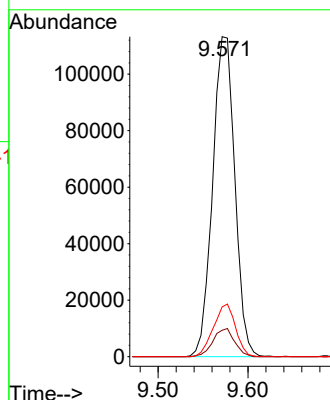
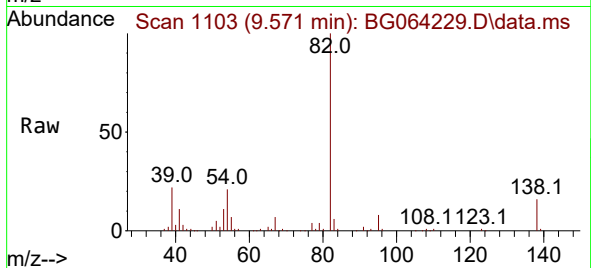
Tgt Ion: 82 Resp: 194570
 Ion Ratio Lower Upper
 82 100
 95 8.3 7.9 11.9
 138 15.6 13.0 19.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#26

2-Nitrophenol

Concen: 40.856 ng

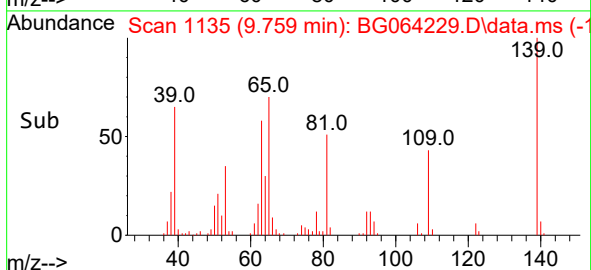
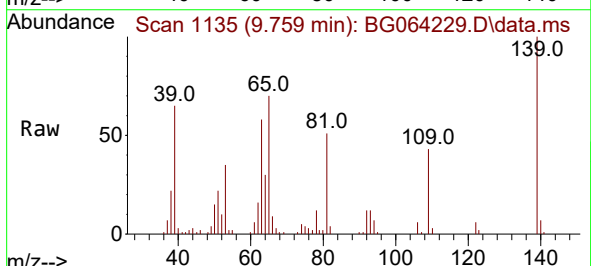
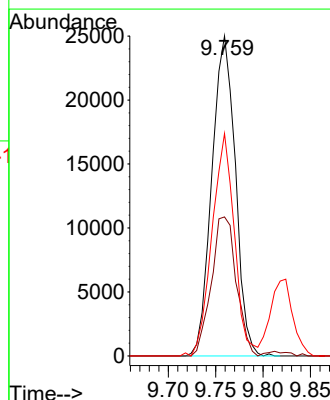
RT: 9.759 min Scan# 1135

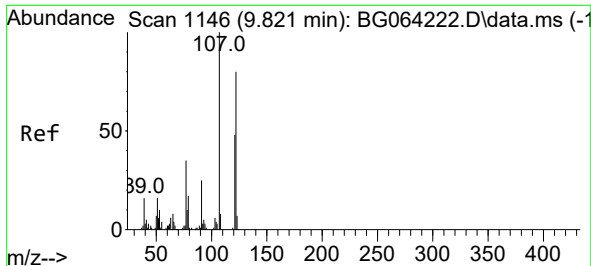
Delta R.T. -0.004 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

Tgt Ion:139 Resp: 43040
 Ion Ratio Lower Upper
 139 100
 109 43.4 32.4 48.6
 65 69.5 44.6 67.0#





#27

2,4-Dimethylphenol

Concen: 40.775 ng

RT: 9.818 min Scan# 1145

Delta R.T. -0.009 min

Lab File: BG064229.D

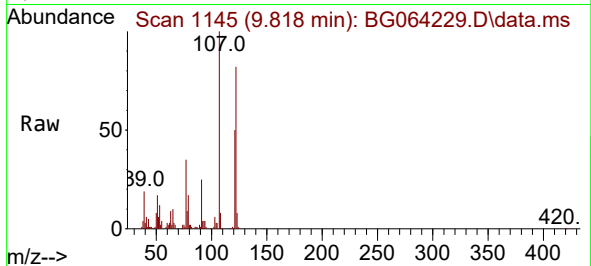
Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 7541

Ion Ratio Lower Upper

122 100

107 122.6 99.9 149.9

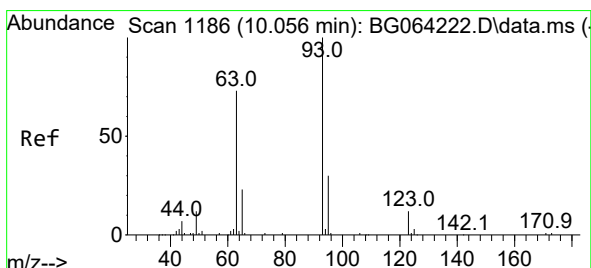
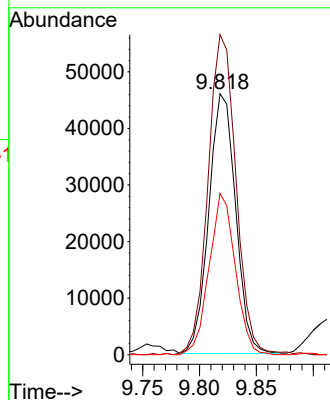
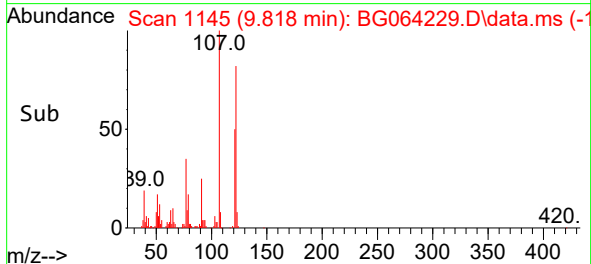
121 61.8 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.864 ng

RT: 10.053 min Scan# 1185

Delta R.T. -0.009 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

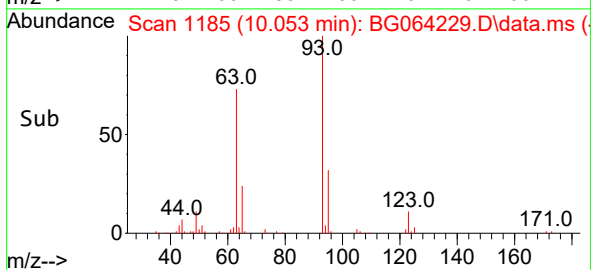
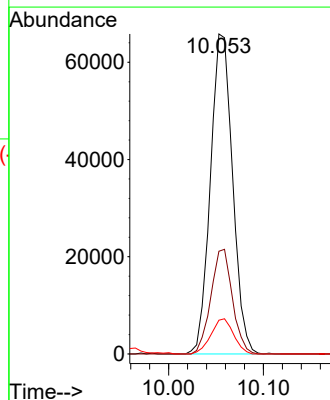
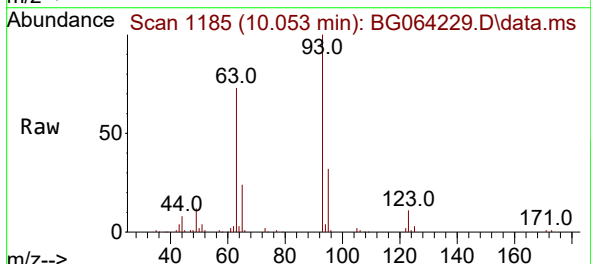
Tgt Ion: 93 Resp: 106860

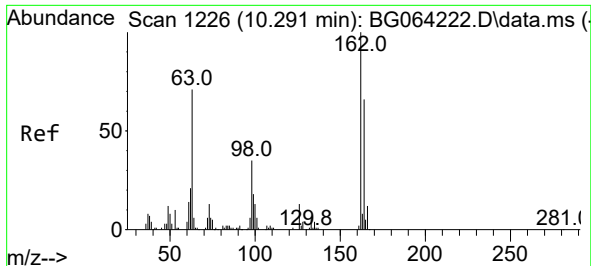
Ion Ratio Lower Upper

93 100

95 32.1 23.9 35.9

123 10.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 41.249 ng

RT: 10.294 min Scan# 1226

Delta R.T. -0.004 min

Lab File: BG064229.D

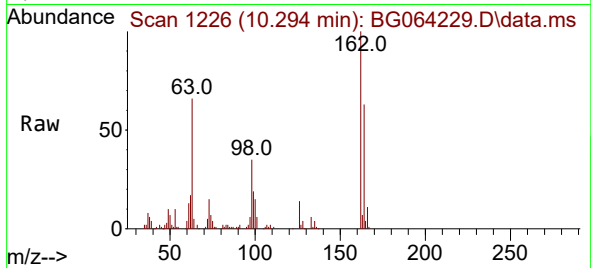
Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



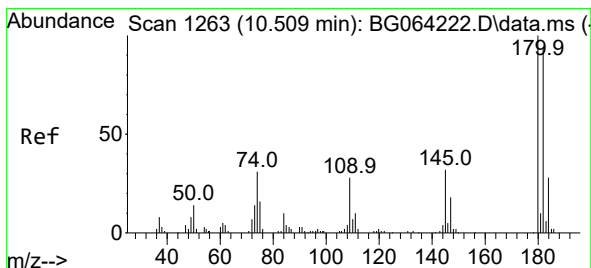
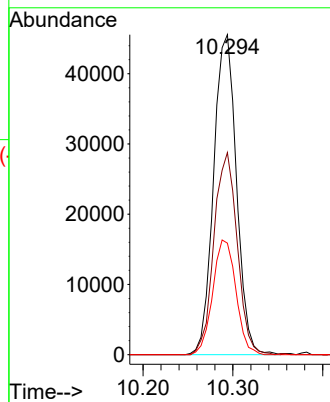
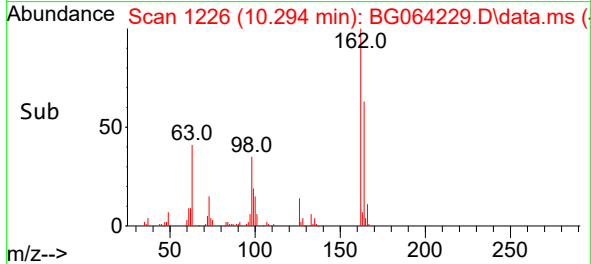
Tgt Ion:162	Resp:	80498
Ion Ratio	Lower	Upper
162	100	
164	63.1	45.8 85.8
98	34.9	15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#30

1,2,4-Trichlorobenzene

Concen: 40.447 ng

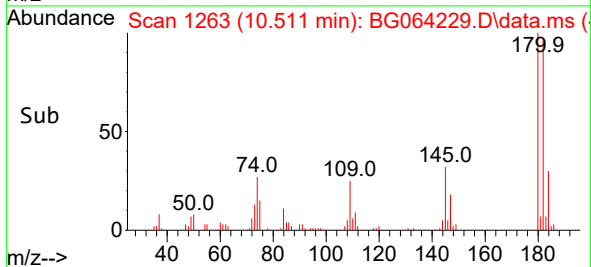
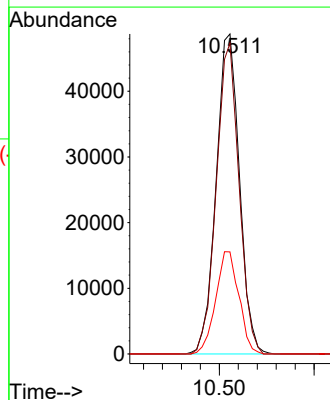
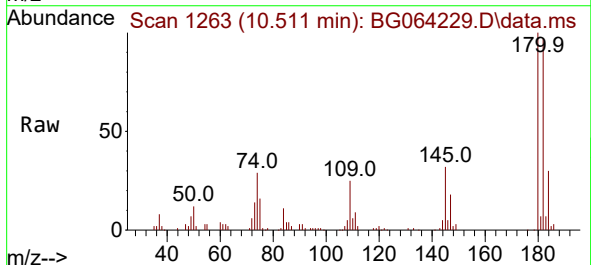
RT: 10.511 min Scan# 1263

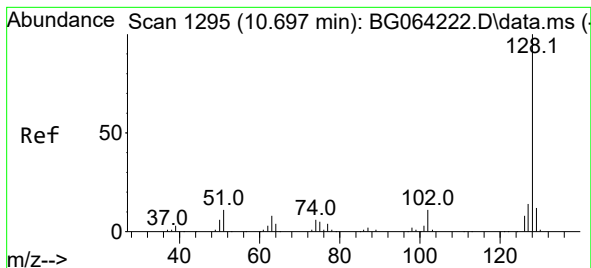
Delta R.T. 0.002 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

Tgt Ion:180	Resp:	83226
Ion Ratio	Lower	Upper
180	100	
182	97.2	75.0 112.6
145	31.9	25.4 38.0





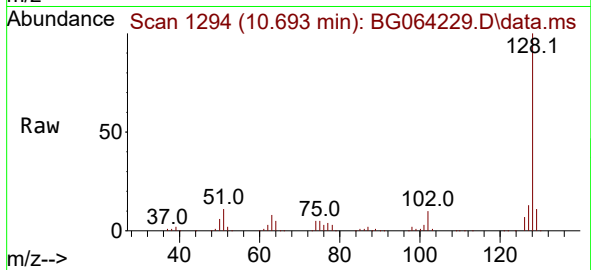
#31
Naphthalene
Concen: 40.368 ng
RT: 10.693 min Scan# 1294
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



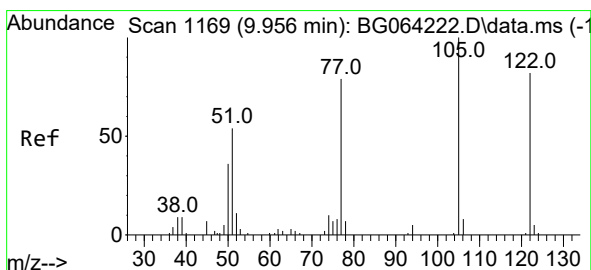
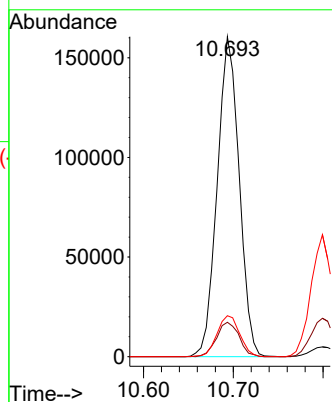
Tgt Ion:128 Resp: 27242
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 12.8 10.9 16.3

Manual Integrations

APPROVED

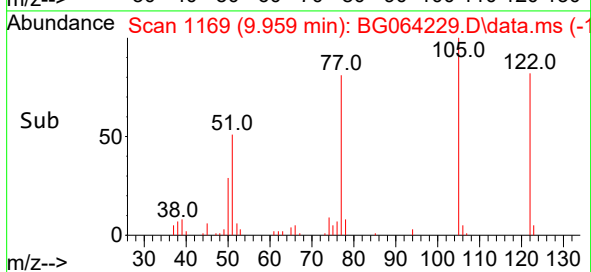
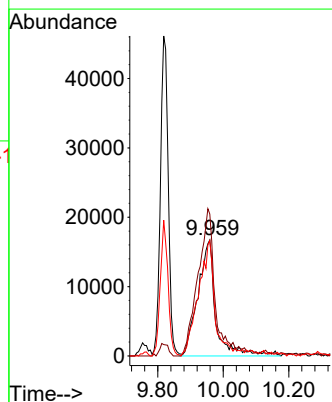
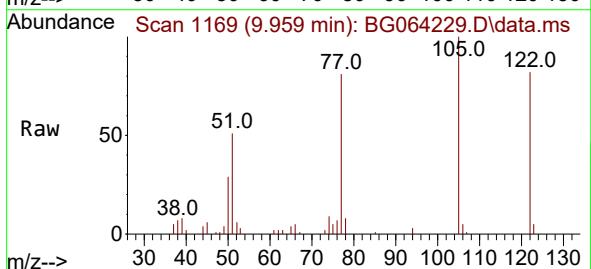
Reviewed By :Rahul Chavli 09/02/2025

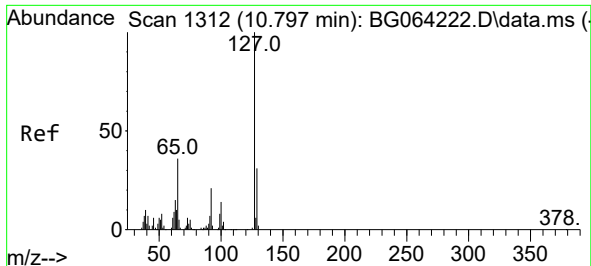
Supervised By :Jagrut Upadhyay 09/02/2025



#32
Benzoic acid
Concen: 43.147 ng m
RT: 9.959 min Scan# 1169
Delta R.T. -0.056 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Tgt Ion:122 Resp: 63348
Ion Ratio Lower Upper
122 100
105 122.3 98.5 138.5
77 99.3 74.6 114.6





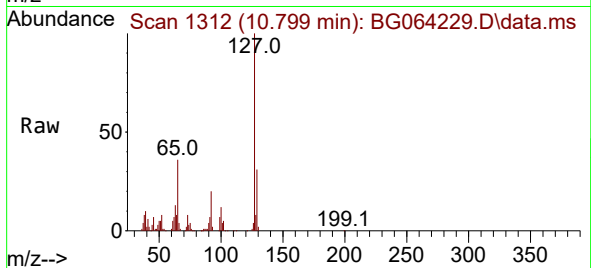
#33
4-Chloroaniline
Concen: 40.161 ng
RT: 10.799 min Scan# 1312
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



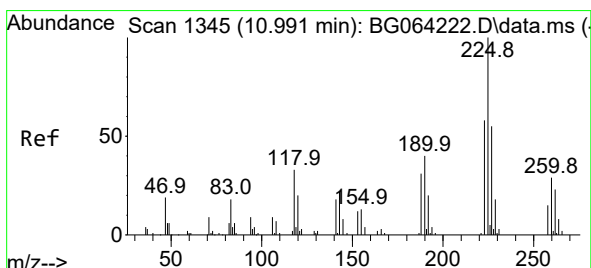
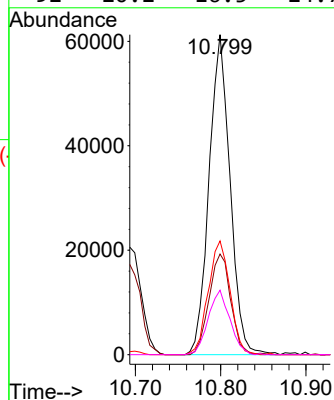
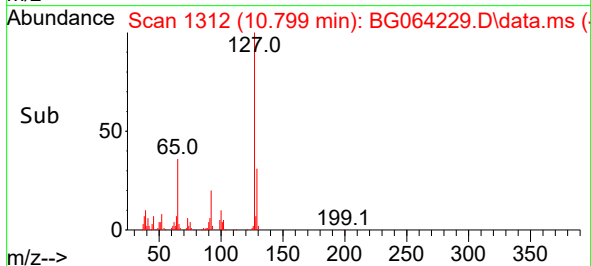
Tgt Ion:127 Resp: 105044
Ion Ratio Lower Upper
127 100
129 31.4 25.0 37.4
65 35.5 28.7 43.1
92 20.2 16.5 24.7

Manual Integrations

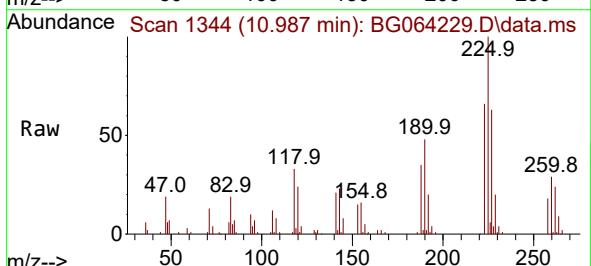
APPROVED

Reviewed By :Rahul Chavli 09/02/2025

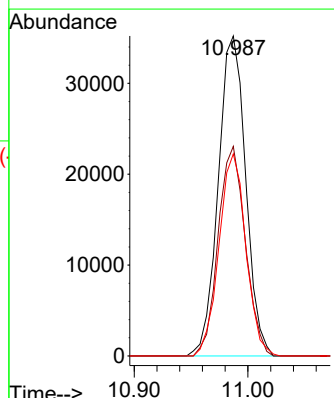
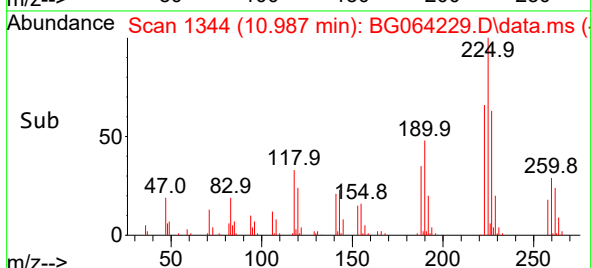
Supervised By :Jagrut Upadhyay 09/02/2025

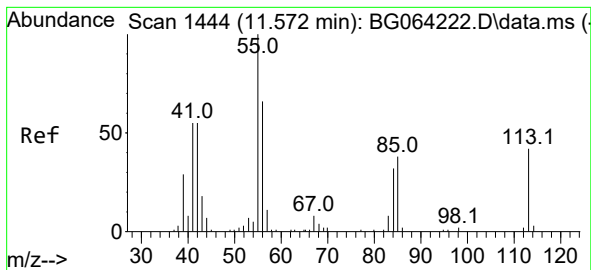


#34
Hexachlorobutadiene
Concen: 38.823 ng
RT: 10.987 min Scan# 1344
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30



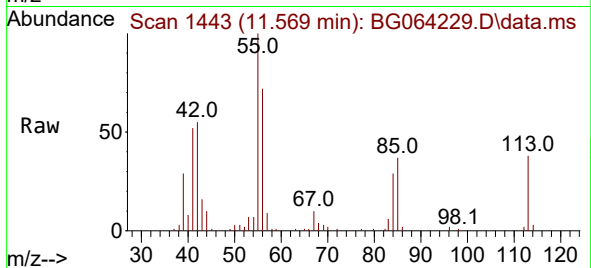
Tgt Ion:225 Resp: 59051
Ion Ratio Lower Upper
225 100
223 65.5 46.5 69.7
227 63.2 44.1 66.1





#35
Caprolactam
Concen: 41.956 ng
RT: 11.569 min Scan# 1443
Delta R.T. -0.033 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

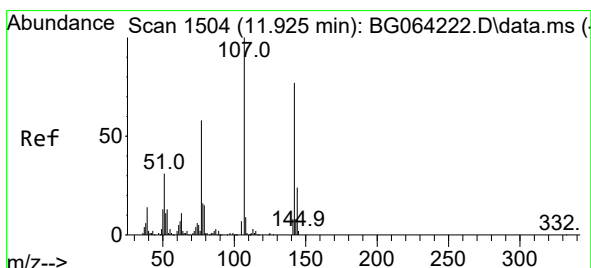
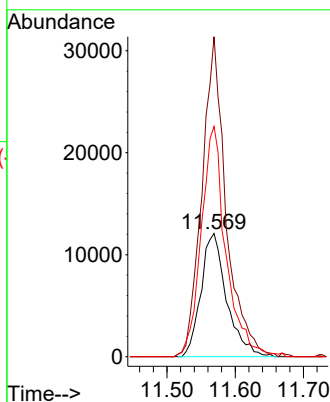
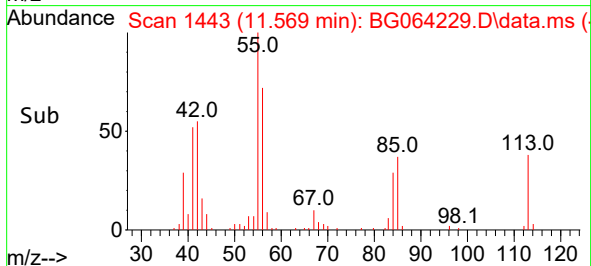
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 31704
Ion Ratio Lower Upper
113 100
55 259.9 218.5 258.5
56 186.9 138.5 178.5

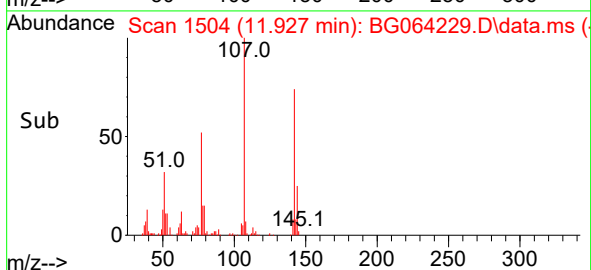
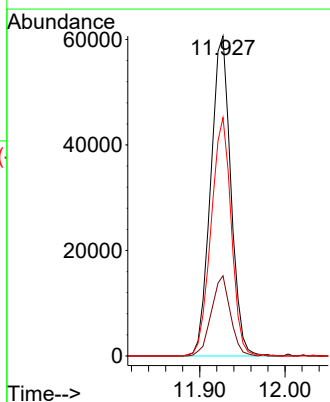
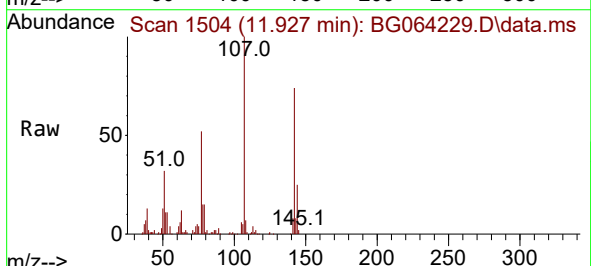
Manual Integrations
APPROVED

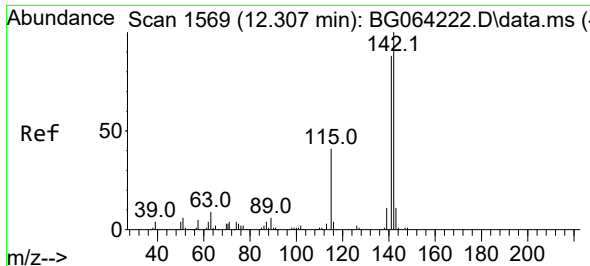
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#36
4-Chloro-3-methylphenol
Concen: 39.277 ng
RT: 11.927 min Scan# 1504
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Tgt Ion:107 Resp: 99450
Ion Ratio Lower Upper
107 100
144 25.0 19.5 29.3
142 74.5 62.0 93.0





#37
2-Methylnaphthalene
Concen: 39.796 ng
RT: 12.303 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

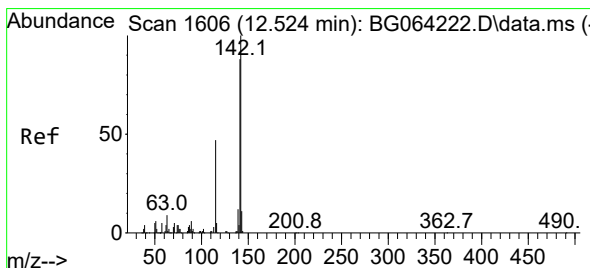
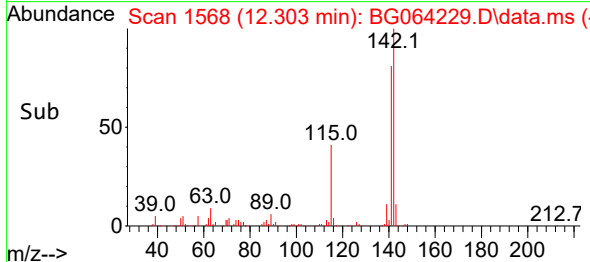
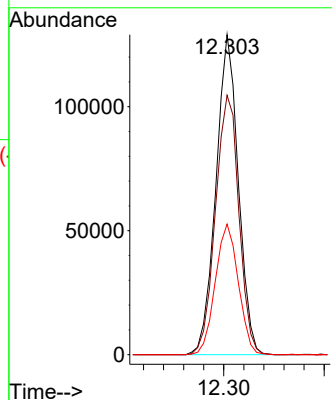
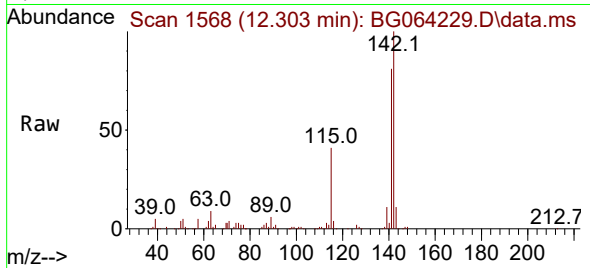
SSTDCCC040

Tgt Ion:142 Resp: 19962
Ion Ratio Lower Upper
142 100
141 81.0 70.1 105.1
115 40.8 33.1 49.7

Manual Integrations

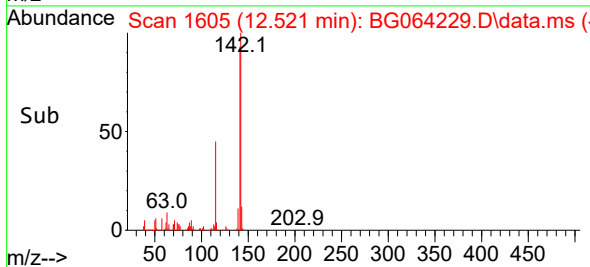
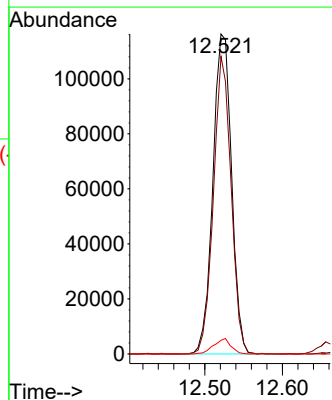
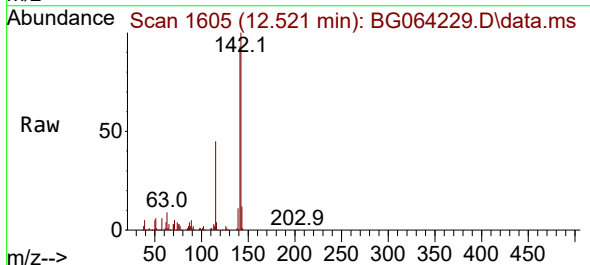
APPROVED

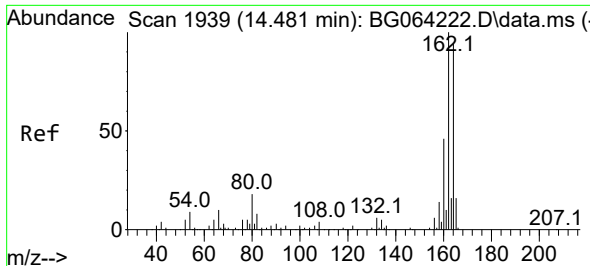
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#38
1-Methylnaphthalene
Concen: 39.268 ng
RT: 12.521 min Scan# 1605
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

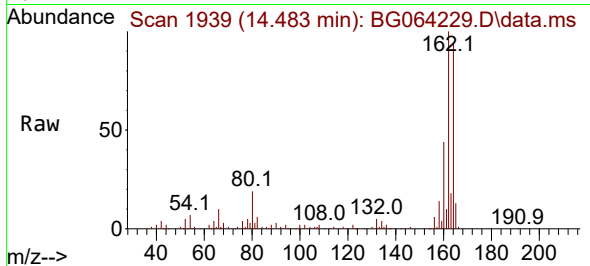
Tgt Ion:142 Resp: 194556
Ion Ratio Lower Upper
142 100
141 93.0 70.3 105.5
116 4.3 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. 0.002 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

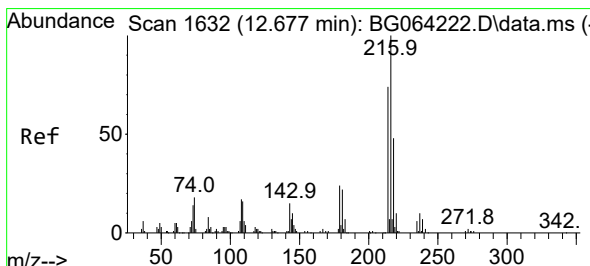
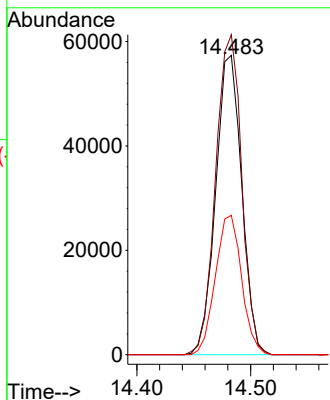
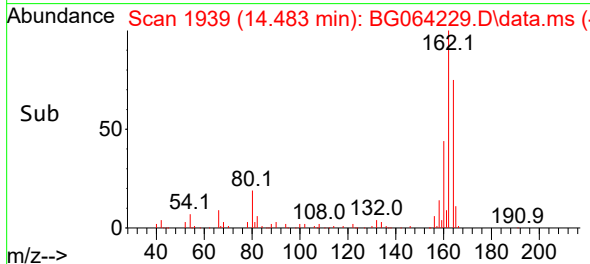
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:164 Resp: 91549
Ion Ratio Lower Upper
164 100
162 106.9 85.4 128.0
160 46.5 39.2 58.8

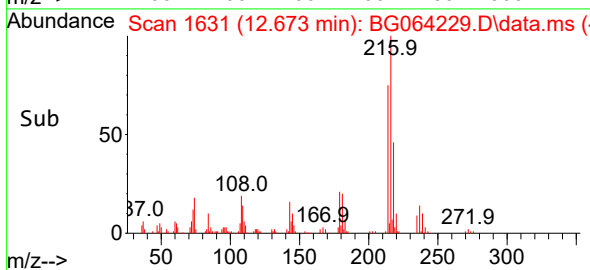
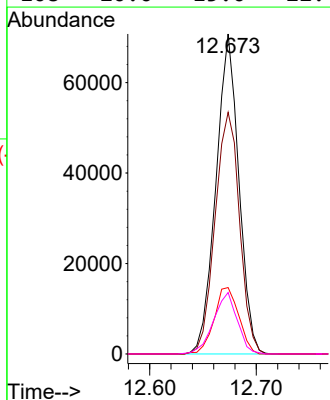
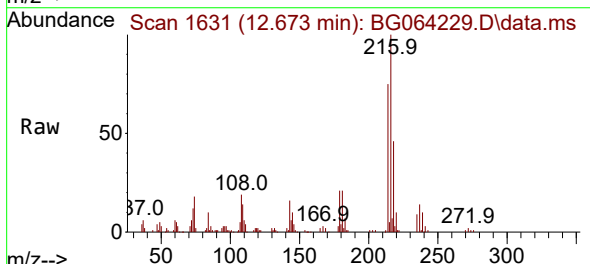
Manual Integrations
APPROVED

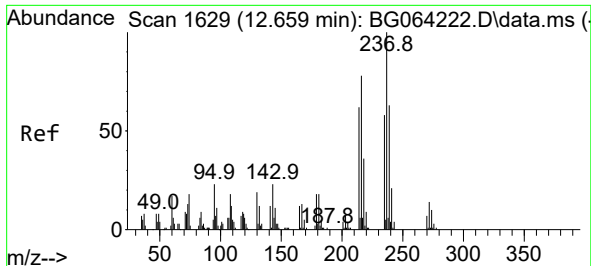
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.949 ng
RT: 12.673 min Scan# 1631
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

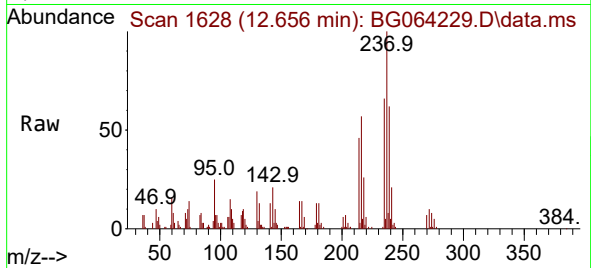
Tgt Ion:216 Resp: 105525
Ion Ratio Lower Upper
216 100
214 80.4 61.9 92.9
179 22.3 17.9 26.9
108 20.0 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 42.045 ng
RT: 12.656 min Scan# 1628
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

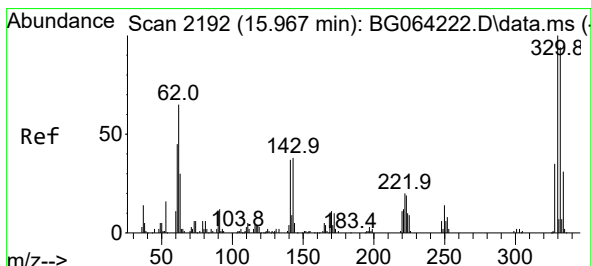
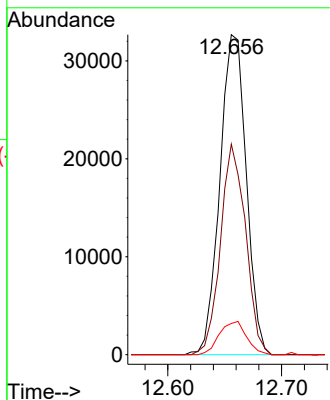
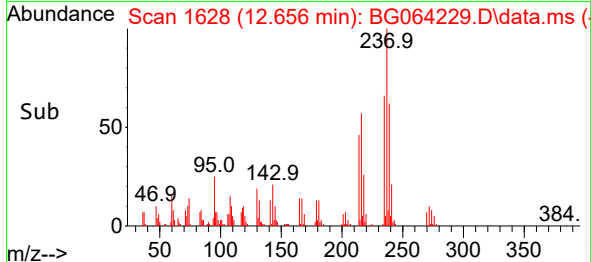
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



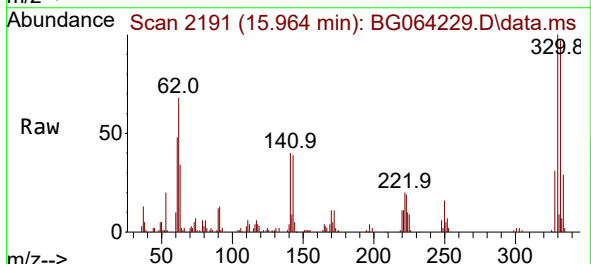
Tgt Ion:237 Resp: 52784
Ion Ratio Lower Upper
237 100
235 65.8 37.9 77.9
272 9.8 0.0 33.8

Manual Integrations
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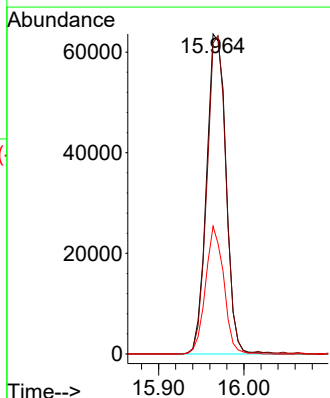
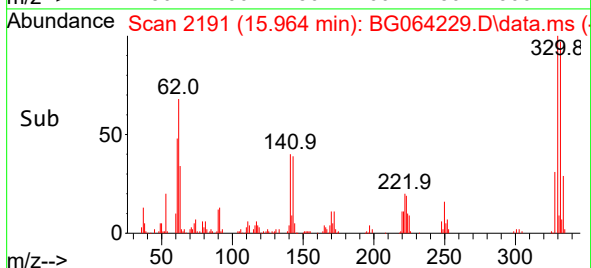
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

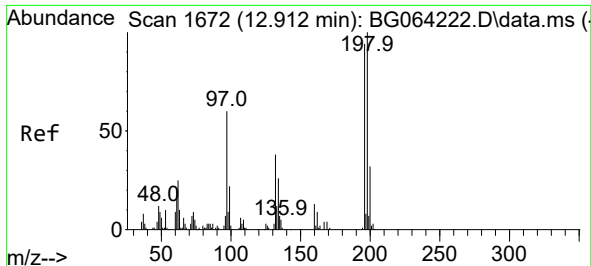


#42
2,4,6-Tribromophenol
Concen: 82.973 ng
RT: 15.964 min Scan# 2191
Delta R.T. -0.009 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30



Tgt Ion:330 Resp: 100614
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 37.4 29.8 44.6





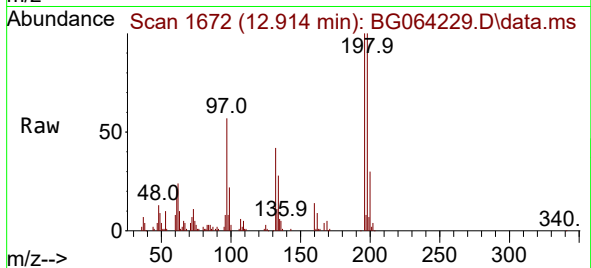
#43
2,4,6-Trichlorophenol
Concen: 40.759 ng
RT: 12.914 min Scan# 1672
Delta R.T. 0.002 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



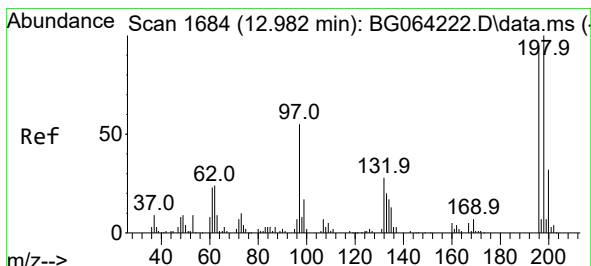
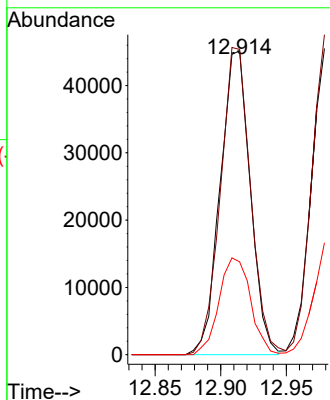
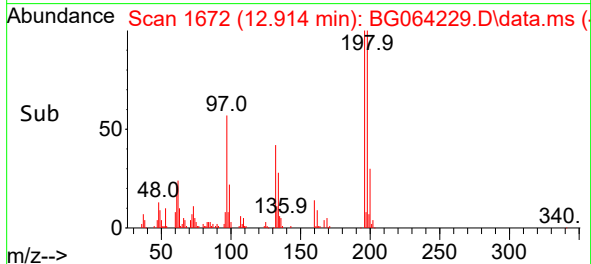
Tgt Ion:196 Resp: 71962
Ion Ratio Lower Upper
196 100
198 100.4 85.4 128.2
200 30.5 27.3 40.9

Manual Integrations

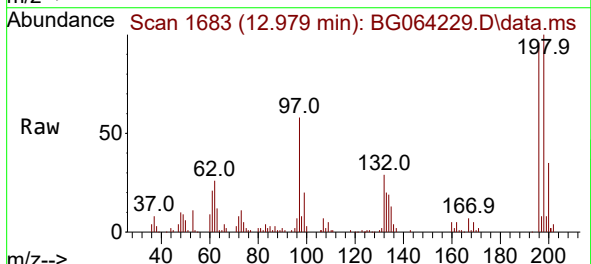
APPROVED

Reviewed By :Rahul Chavli 09/02/2025

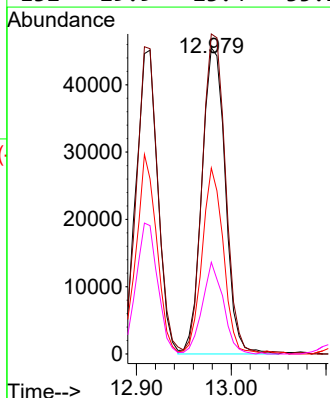
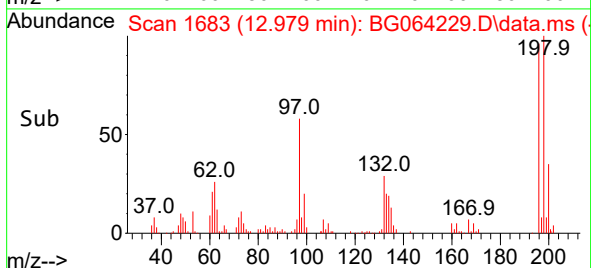
Supervised By :Jagrut Upadhyay 09/02/2025

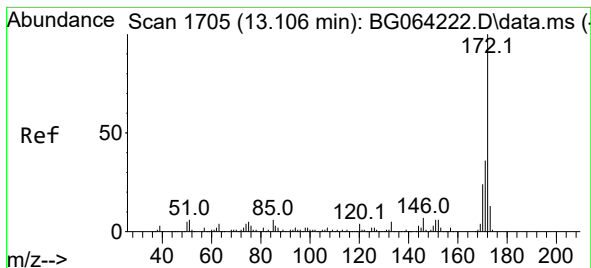


#44
2,4,5-Trichlorophenol
Concen: 40.792 ng
RT: 12.979 min Scan# 1683
Delta R.T. -0.009 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30



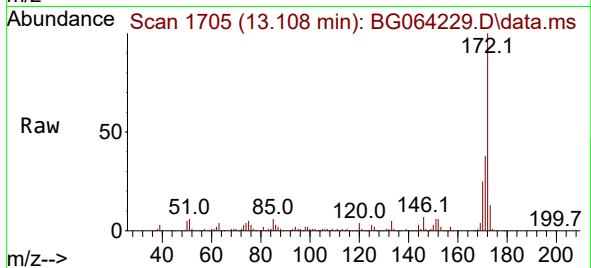
Tgt Ion:196 Resp: 78125
Ion Ratio Lower Upper
196 100
198 104.5 84.5 126.7
97 60.7 46.8 70.2
132 29.9 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 78.931 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

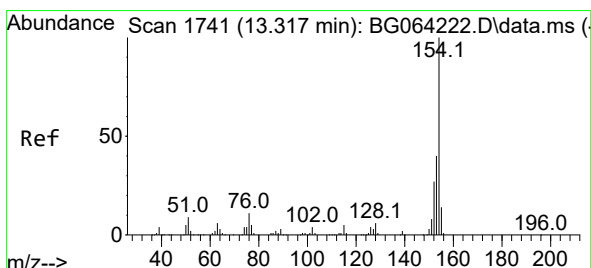
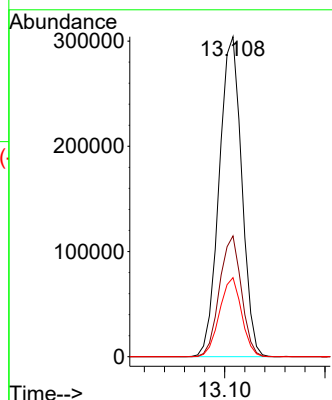
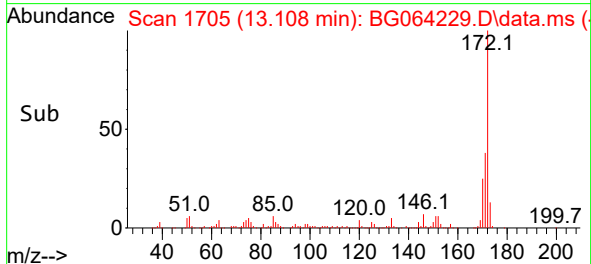
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



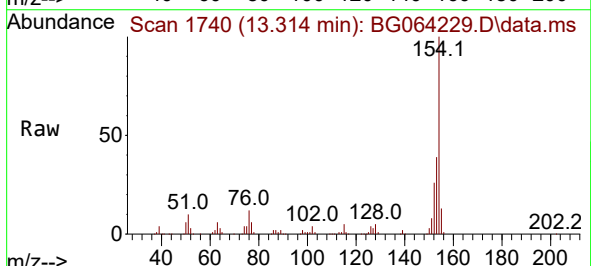
Tgt Ion:172 Resp: 473418
Ion Ratio Lower Upper
172 100
171 37.7 28.7 43.1
170 24.7 19.0 28.6

Manual Integrations
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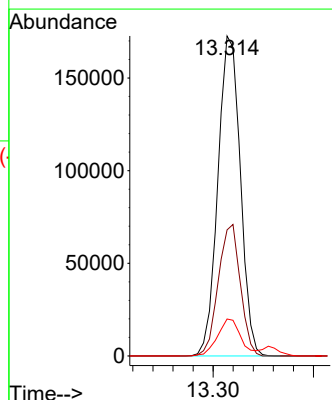
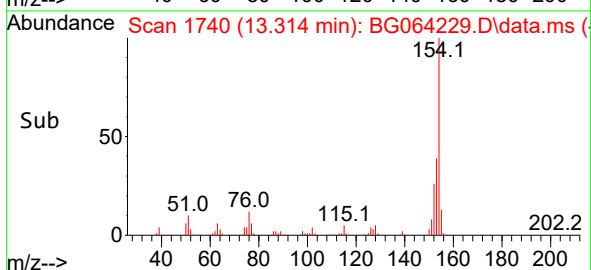
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

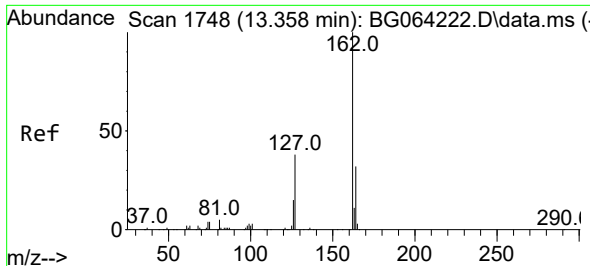


#46
1,1'-Biphenyl
Concen: 40.134 ng
RT: 13.314 min Scan# 1740
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30



Tgt Ion:154 Resp: 267611
Ion Ratio Lower Upper
154 100
153 39.4 19.9 59.9
76 11.6 0.0 30.9





#47

2-Chloronaphthalene

Concen: 40.095 ng

RT: 13.355 min Scan# 1748

Delta R.T. -0.004 min

Lab File: BG064229.D

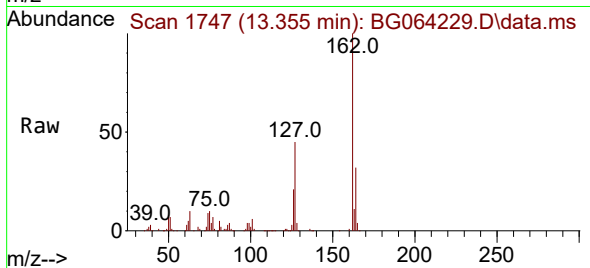
Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 20099

Ion Ratio Lower Upper

162 100

127 45.0 33.9 50.9

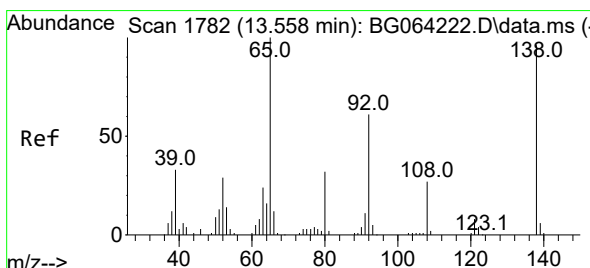
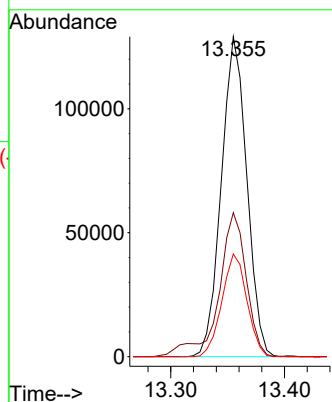
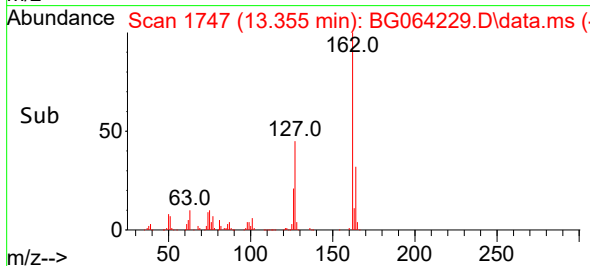
164 32.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#48

2-Nitroaniline

Concen: 42.271 ng

RT: 13.555 min Scan# 1781

Delta R.T. -0.009 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

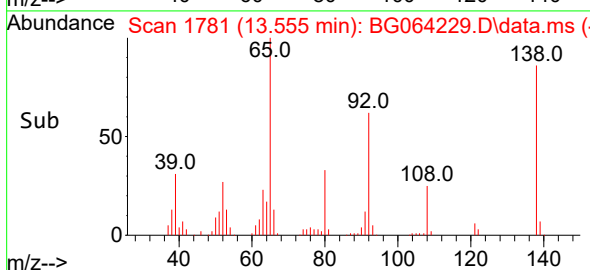
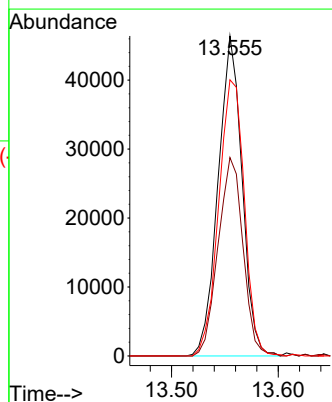
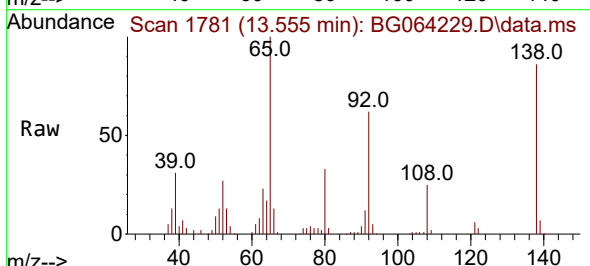
Tgt Ion: 65 Resp: 72223

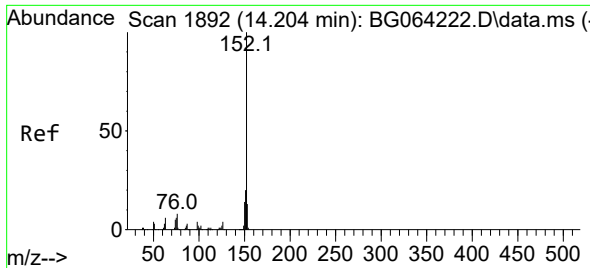
Ion Ratio Lower Upper

65 100

92 62.0 49.2 73.8

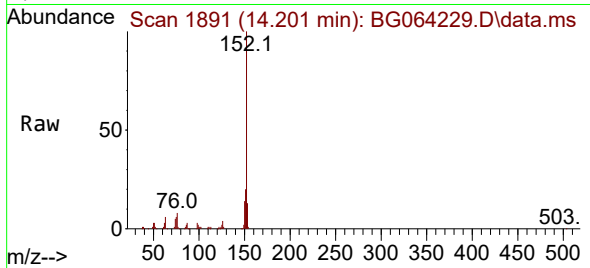
138 86.3 76.8 115.2





#49
Acenaphthylene
Concen: 41.222 ng
RT: 14.201 min Scan# 1891
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

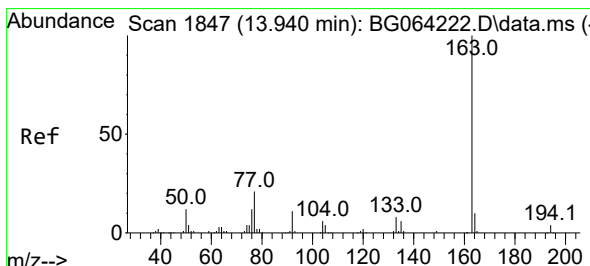
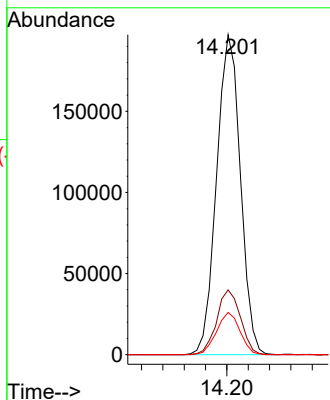
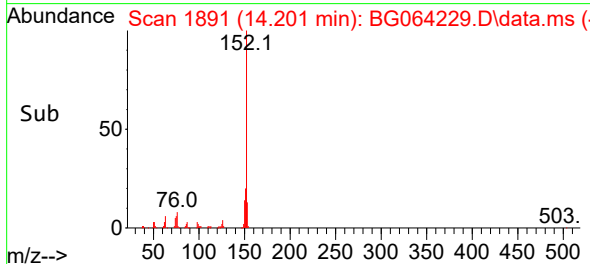
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



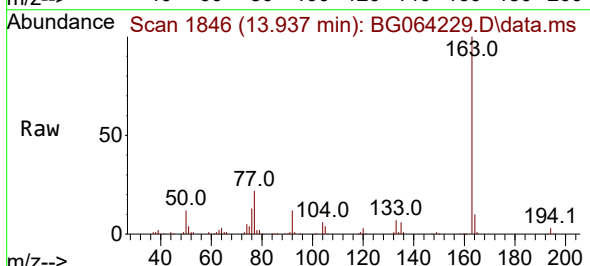
Tgt Ion:152 Resp: 305462
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.2 10.1 15.1

Manual Integrations
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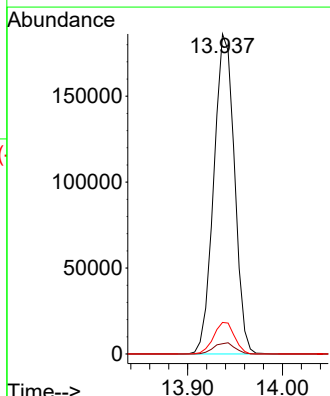
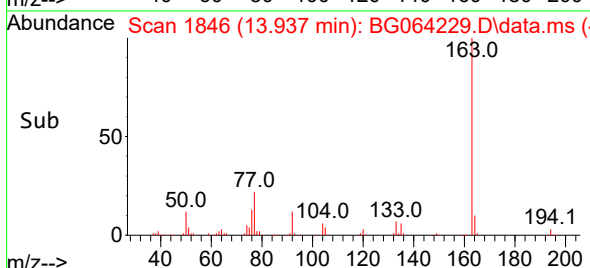
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

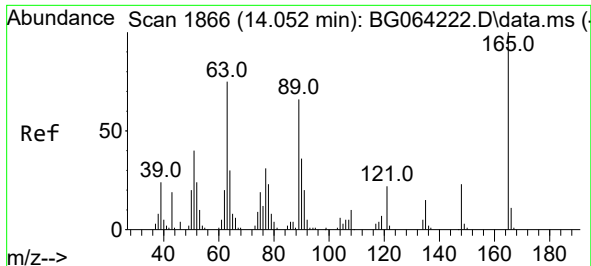


#50
Dimethylphthalate
Concen: 40.649 ng
RT: 13.937 min Scan# 1846
Delta R.T. -0.009 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30



Tgt Ion:163 Resp: 281674
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 9.8 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 42.341 ng
RT: 14.054 min Scan# 1866
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

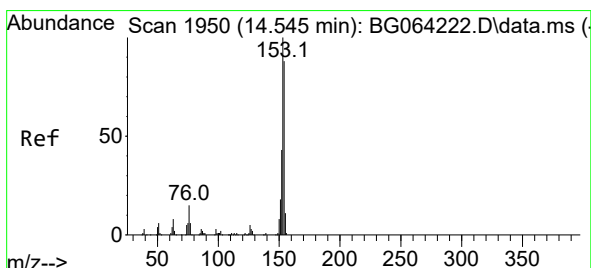
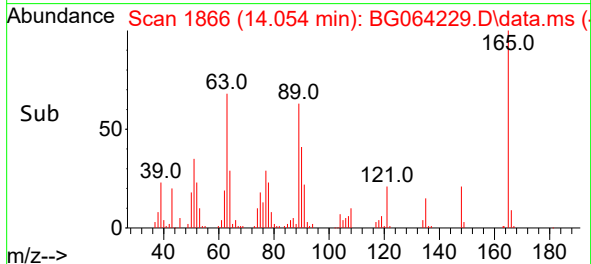
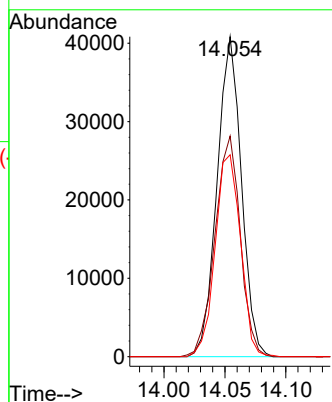
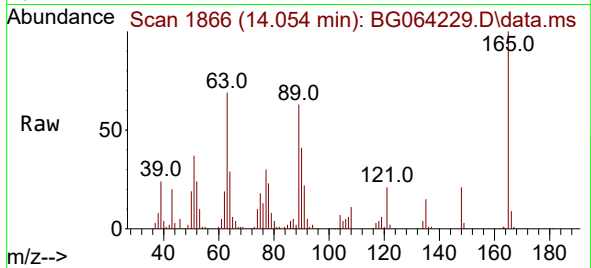
SSTDC0040

Tgt Ion:165 Resp: 5680
Ion Ratio Lower Upper
165 100
63 69.0 60.3 90.5
89 63.1 52.9 79.3

Manual Integrations

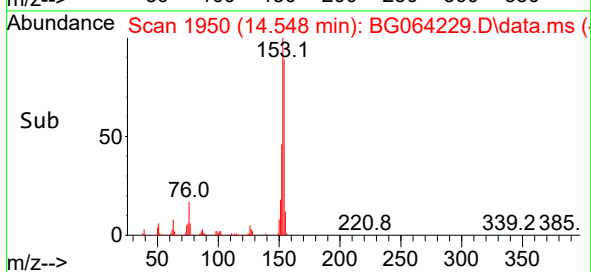
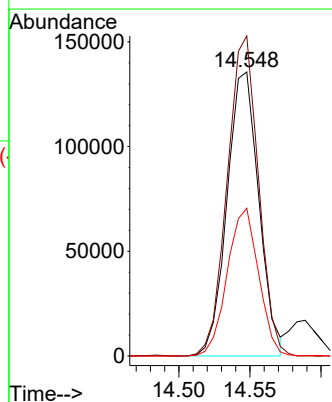
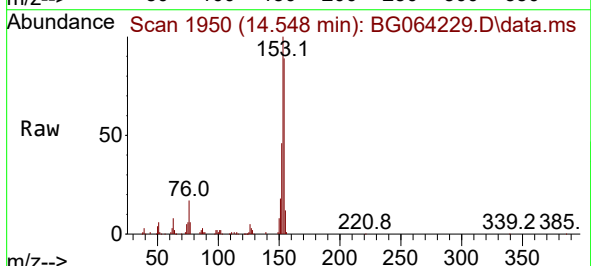
APPROVED

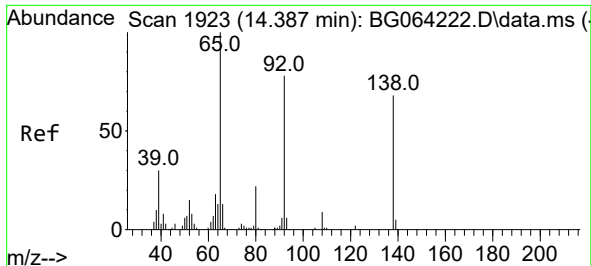
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#52
Acenaphthene
Concen: 40.460 ng
RT: 14.548 min Scan# 1950
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Tgt Ion:154 Resp: 211586
Ion Ratio Lower Upper
154 100
153 112.7 91.1 136.7
152 52.0 39.6 59.4





#53
3-Nitroaniline
Concen: 41.957 ng
RT: 14.383 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

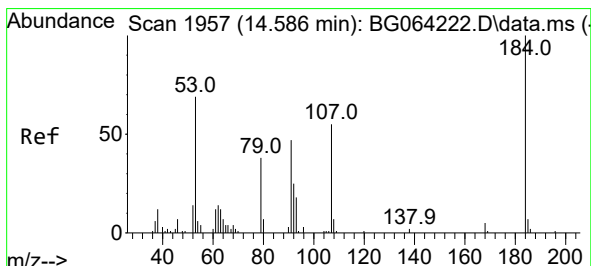
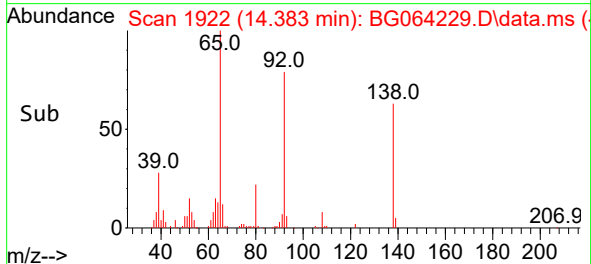
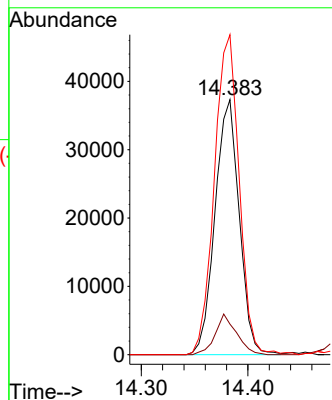
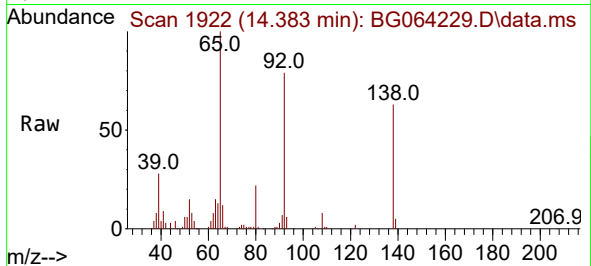
Tgt Ion:138 Resp: 58958
Ion Ratio Lower Upper
138 100
108 12.0 11.0 16.6
92 125.5 91.4 137.0

Manual Integrations

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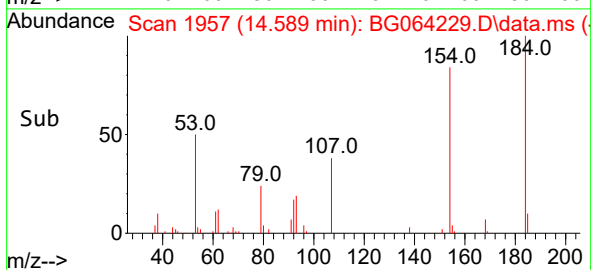
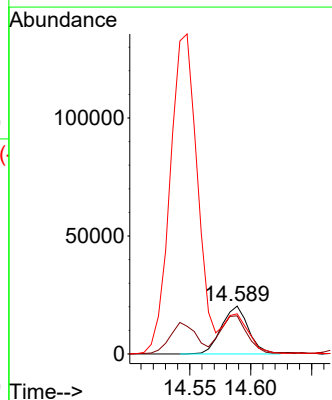
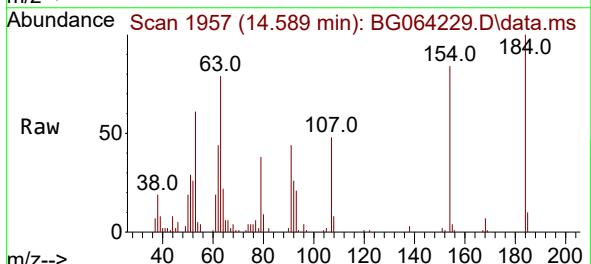
Reviewed By :Rahul Chavli 09/02/2025

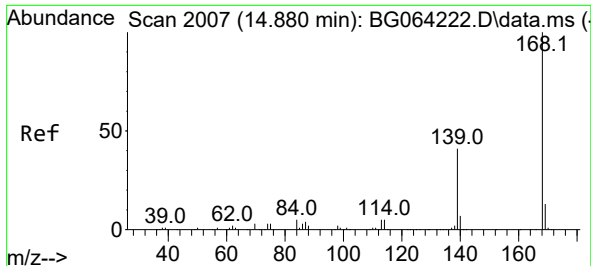
Supervised By :Jagrut Upadhyay 09/02/2025



#54
2,4-Dinitrophenol
Concen: 38.694 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

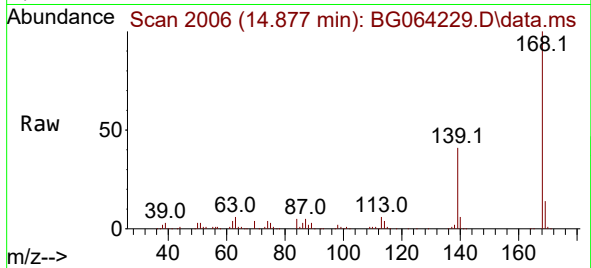
Tgt Ion:184 Resp: 31162
Ion Ratio Lower Upper
184 100
63 79.4 60.1 90.1
154 83.7 59.8 89.8





#55
Dibenzenofuran
Concen: 40.717 ng
RT: 14.877 min Scan# 2007
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

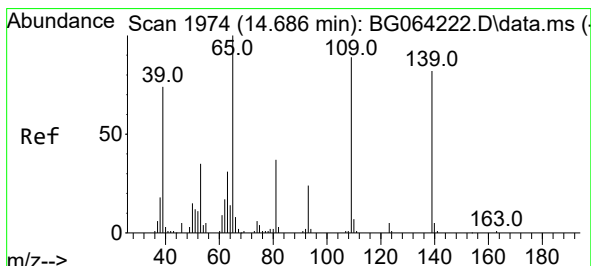
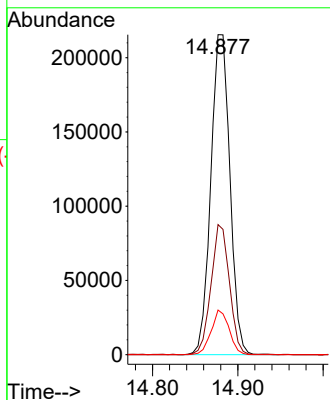
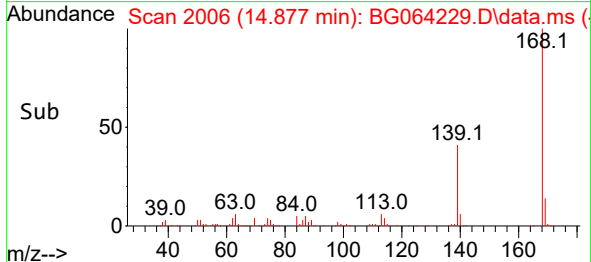
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 334910
Ion Ratio Lower Upper
168 100
139 40.6 33.2 49.8
169 13.9 10.4 15.6

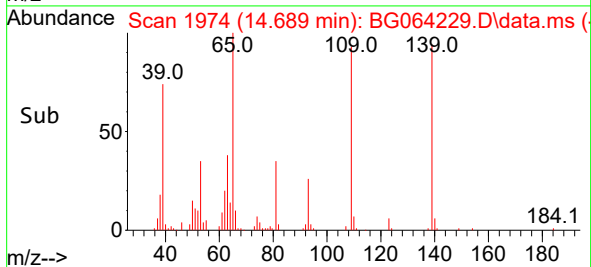
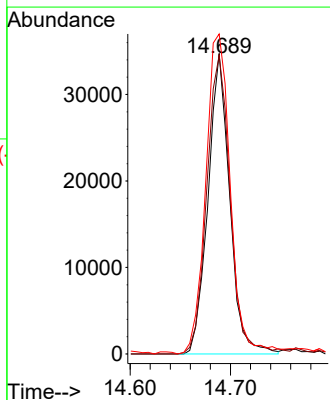
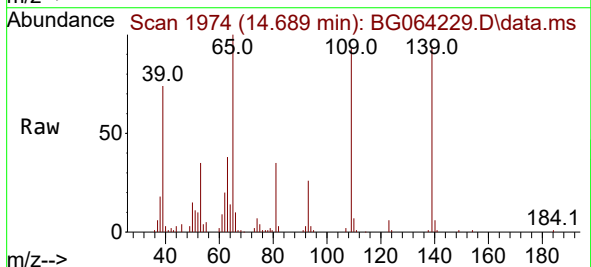
Manual Integrations
APPROVED

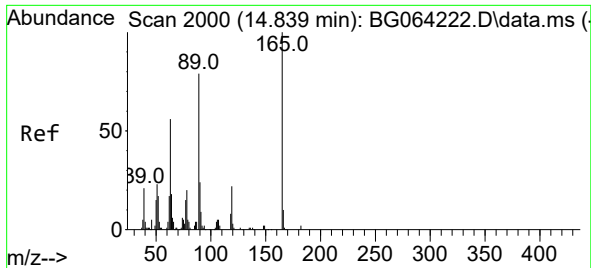
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#56
4-Nitrophenol
Concen: 45.252 ng
RT: 14.689 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Tgt Ion:139 Resp: 52162
Ion Ratio Lower Upper
139 100
109 99.4 89.1 129.1
65 106.5 102.9 142.9





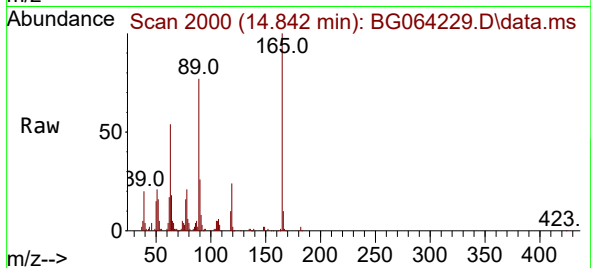
#57
2,4-Dinitrotoluene
Concen: 44.117 ng
RT: 14.842 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



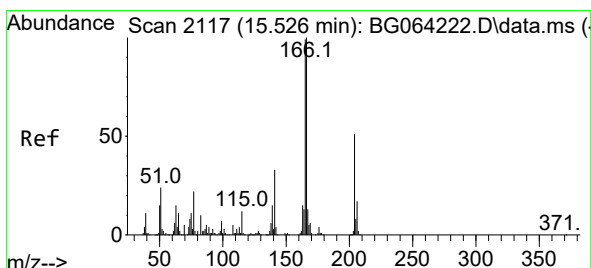
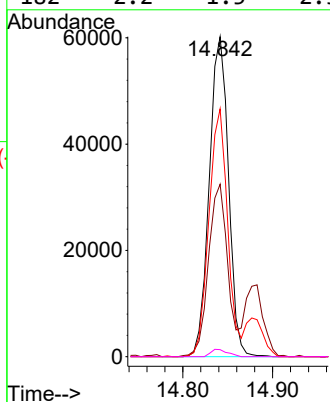
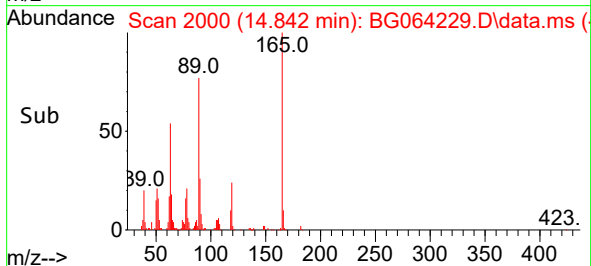
Tgt Ion:165 Resp: 89480
Ion Ratio Lower Upper
165 100
63 53.9 44.6 67.0
89 77.4 63.0 94.4
182 2.2 1.5 2.3

Manual Integrations

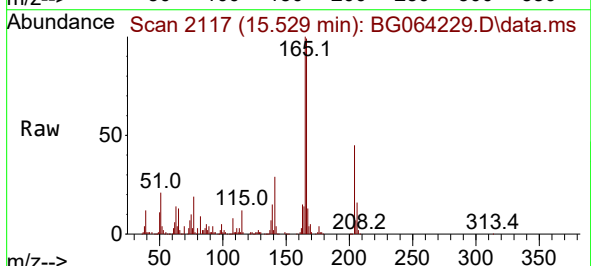
APPROVED

Reviewed By :Rahul Chavli 09/02/2025

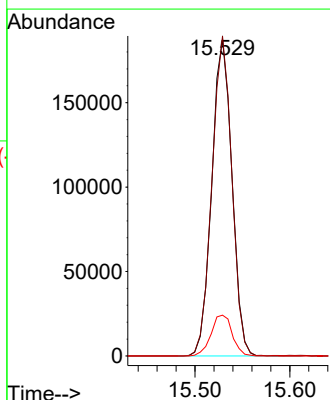
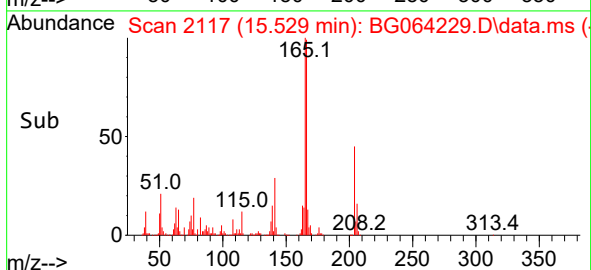
Supervised By :Jagrut Upadhyay 09/02/2025

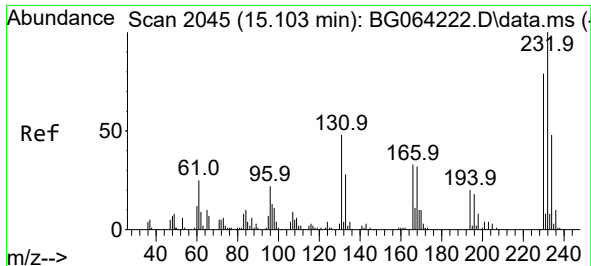


#58
Fluorene
Concen: 41.149 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30



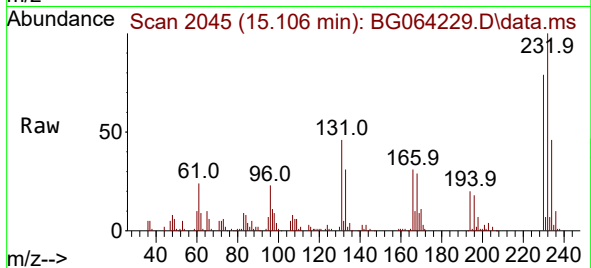
Tgt Ion:166 Resp: 277418
Ion Ratio Lower Upper
166 100
165 101.0 79.1 118.7
167 12.9 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.757 ng
RT: 15.106 min Scan# 2045
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

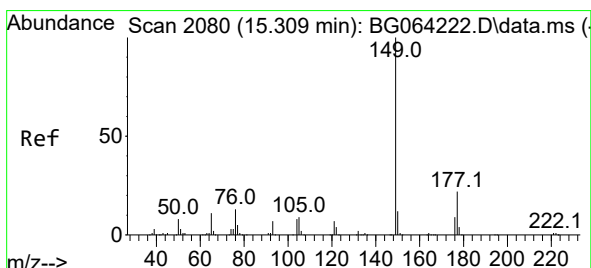
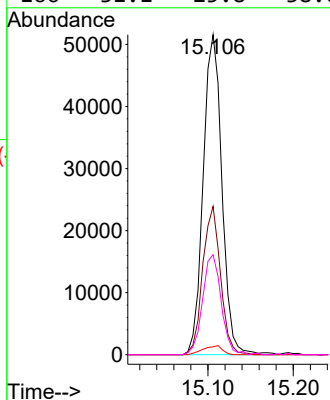
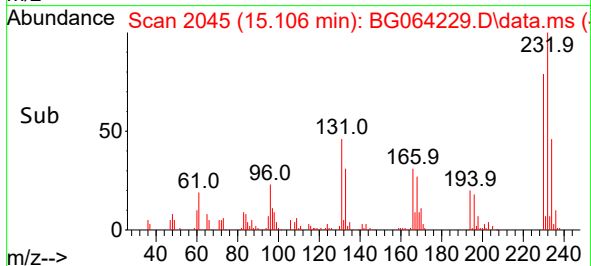
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



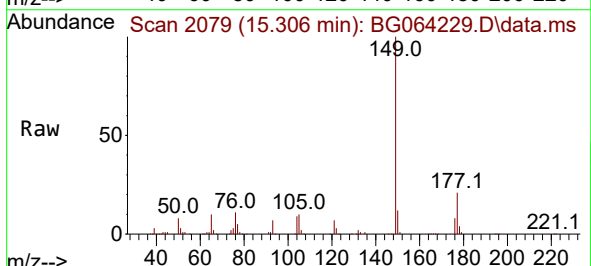
Tgt Ion:232 Resp: 78760
Ion Ratio Lower Upper
232 100
131 44.1 37.1 55.7
130 2.9 2.6 3.8
166 31.1 25.8 38.6

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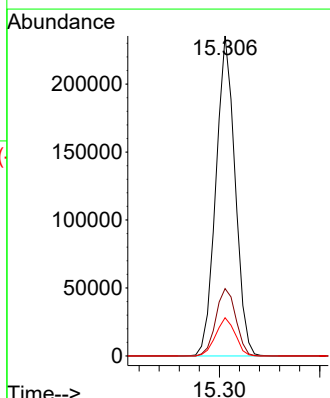
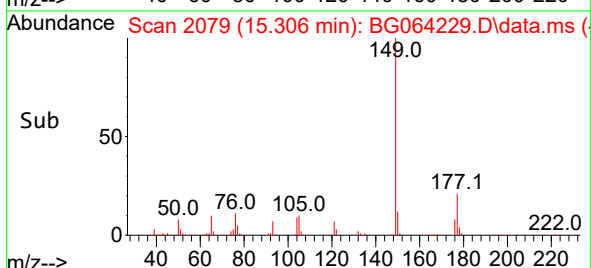
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

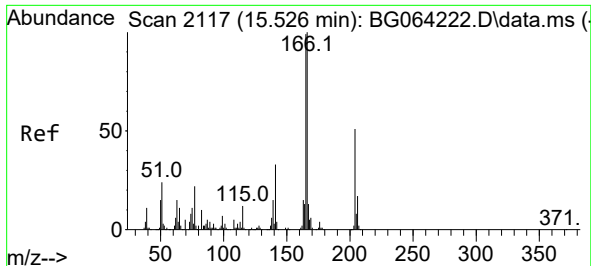


#60
Diethylphthalate
Concen: 42.022 ng
RT: 15.306 min Scan# 2079
Delta R.T. -0.009 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30



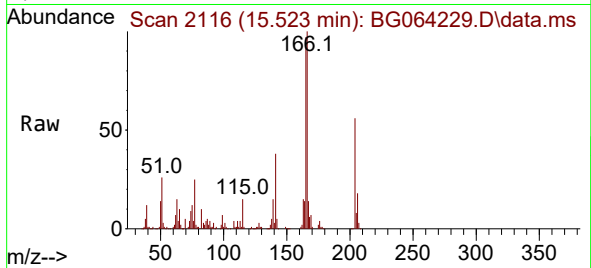
Tgt Ion:149 Resp: 311637
Ion Ratio Lower Upper
149 100
177 21.0 17.5 26.3
150 12.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 40.410 ng
RT: 15.523 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

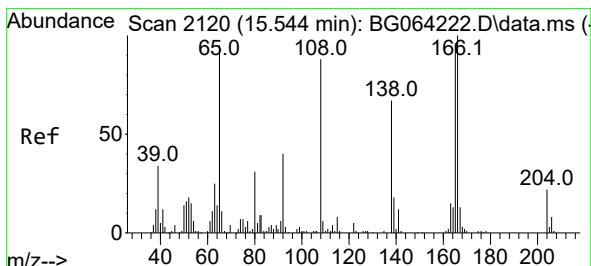
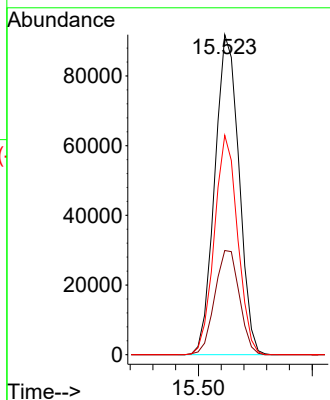
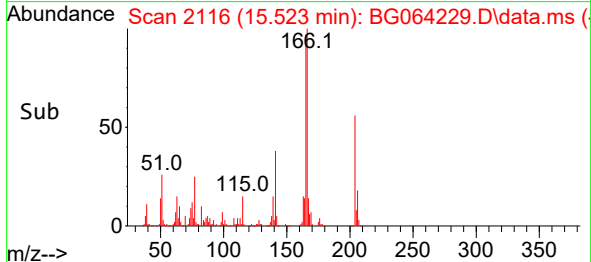
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 135834
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 68.5 51.9 77.9

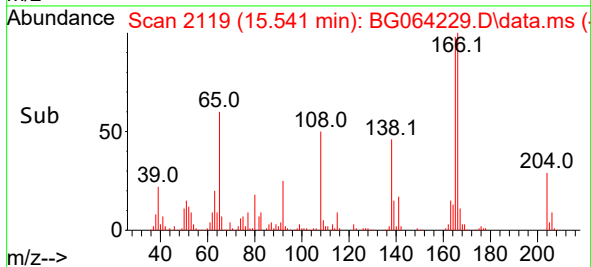
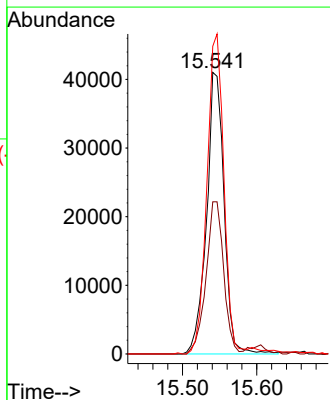
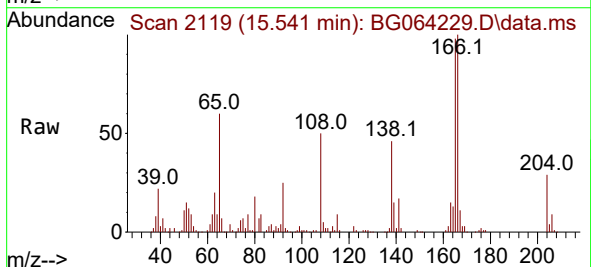
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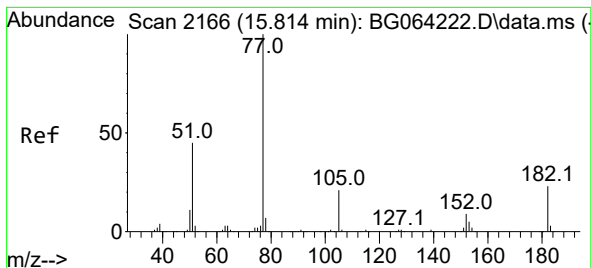
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#62
4-Nitroaniline
Concen: 47.001 ng
RT: 15.541 min Scan# 2119
Delta R.T. -0.015 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Tgt Ion:138 Resp: 67395
Ion Ratio Lower Upper
138 100
92 54.0 39.1 79.1
108 109.3 111.3 151.3#





#63

Azobenzene

Concen: 41.139 ng

RT: 15.817 min Scan# 2166

Delta R.T. -0.004 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 27192

Ion Ratio Lower Upper

77 100

182 23.8 3.3 43.3

105 19.8 0.6 40.6

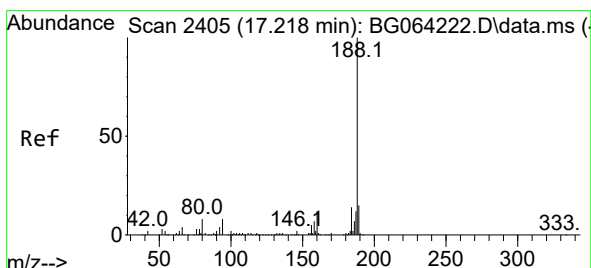
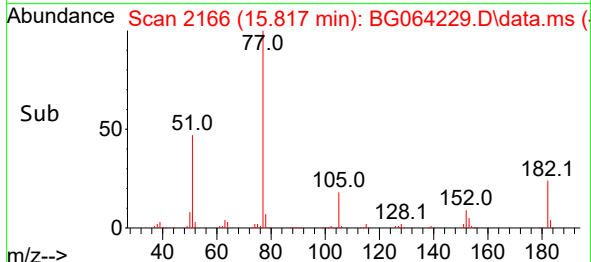
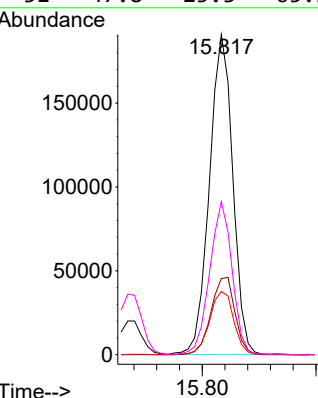
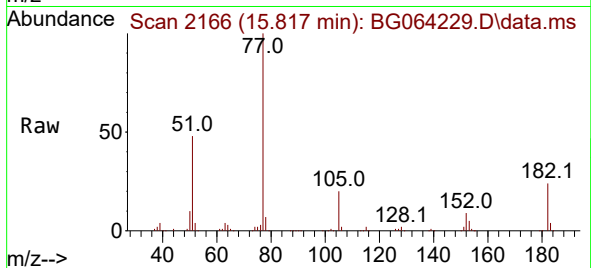
51 47.8 25.3 65.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2405

Delta R.T. -0.004 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

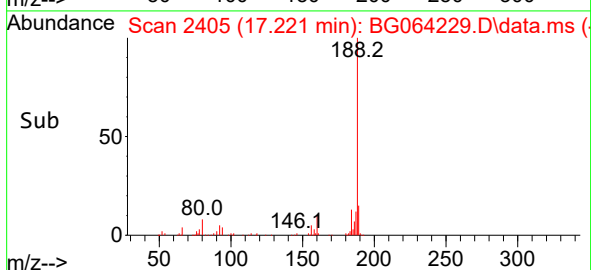
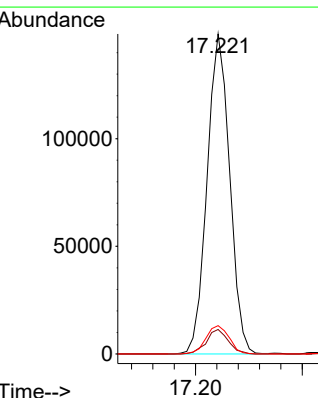
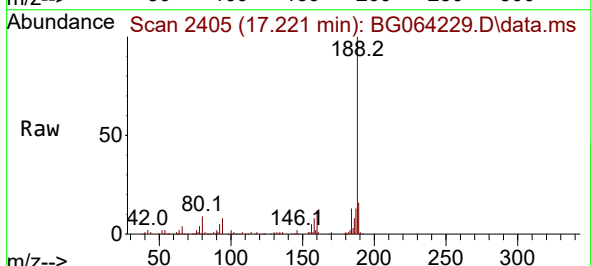
Tgt Ion:188 Resp: 218524

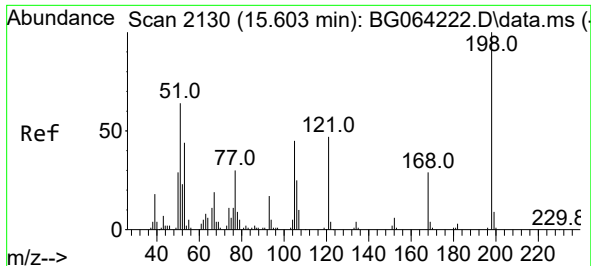
Ion Ratio Lower Upper

188 100

94 7.6 6.2 9.4

80 8.9 6.8 10.2





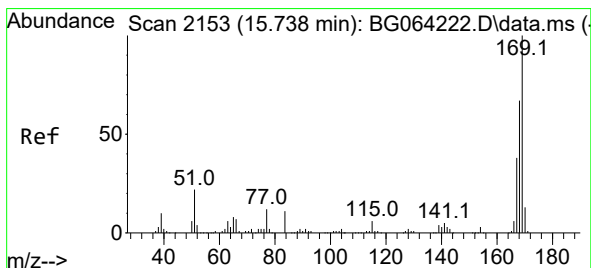
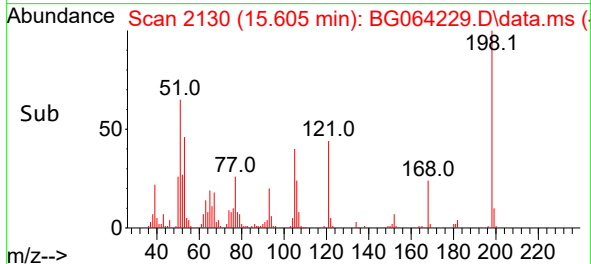
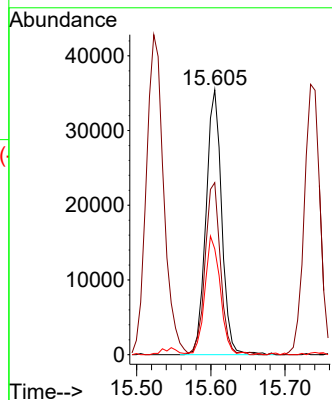
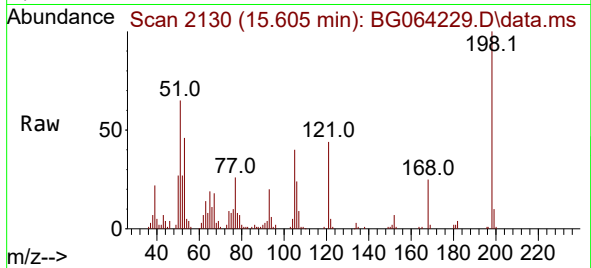
#65
4,6-Dinitro-2-methylphenol
Concen: 41.583 ng
RT: 15.605 min Scan# 2130
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 5217
Ion Ratio Lower Upper
198 100
51 65.0 46.2 86.2
105 40.0 25.0 65.0

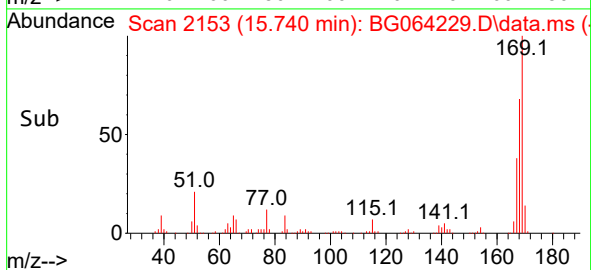
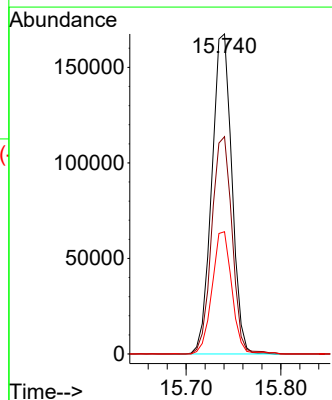
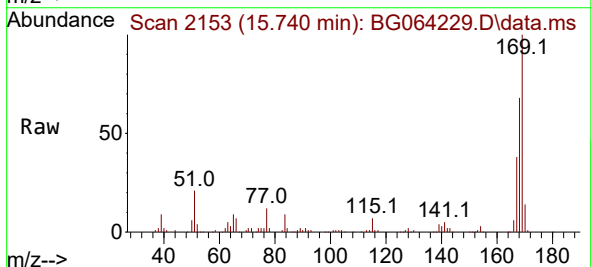
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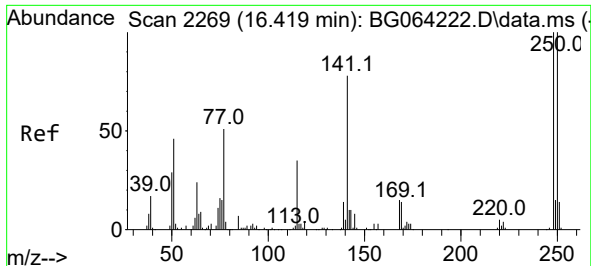
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#66
n-Nitrosodiphenylamine
Concen: 40.855 ng
RT: 15.740 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

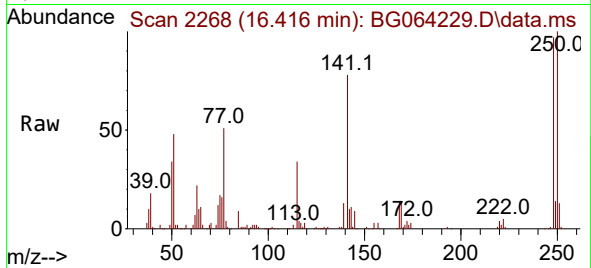
Tgt Ion:169 Resp: 245596
Ion Ratio Lower Upper
169 100
168 67.9 53.8 80.8
167 38.2 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 39.578 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

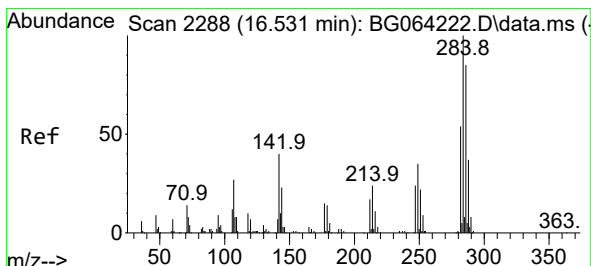
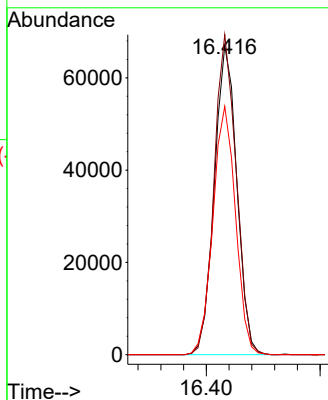
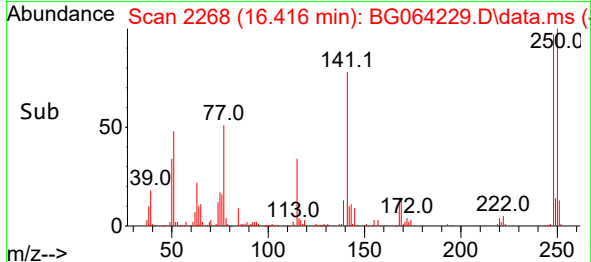
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 91860
Ion Ratio Lower Upper
248 100
250 103.5 80.2 120.4
141 80.4 62.4 93.6

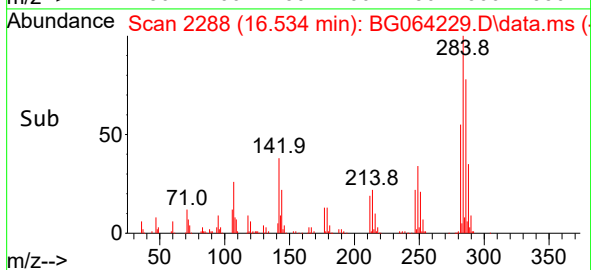
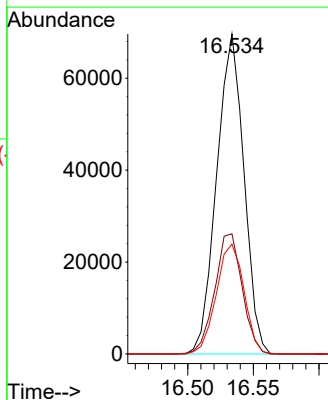
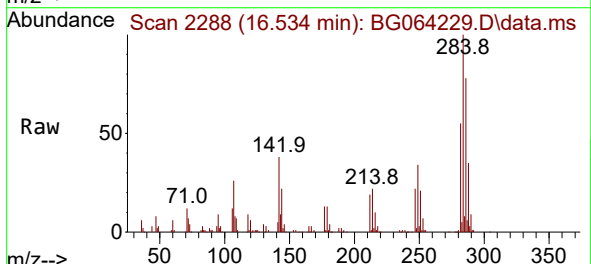
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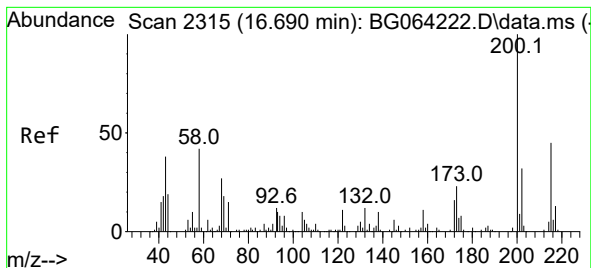
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#68
Hexachlorobenzene
Concen: 38.924 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Tgt Ion:284 Resp: 100325
Ion Ratio Lower Upper
284 100
142 37.6 32.1 48.1
249 34.3 28.3 42.5





#69

Atrazine

Concen: 41.626 ng

RT: 16.686 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 10448

Ion Ratio Lower Upper

200 100

173 23.8 3.5 43.5

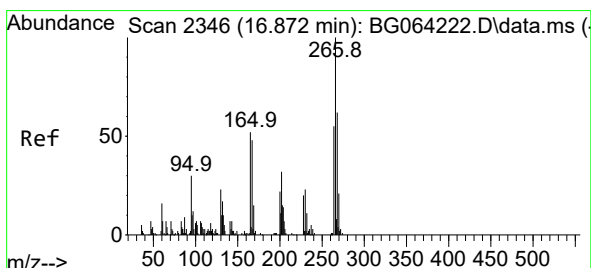
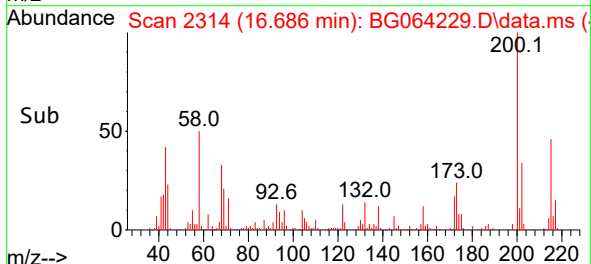
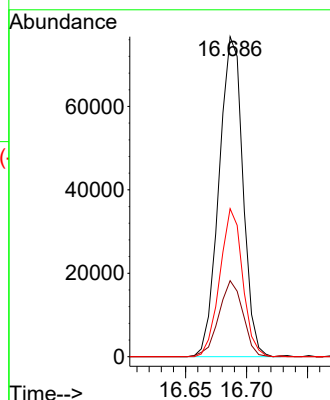
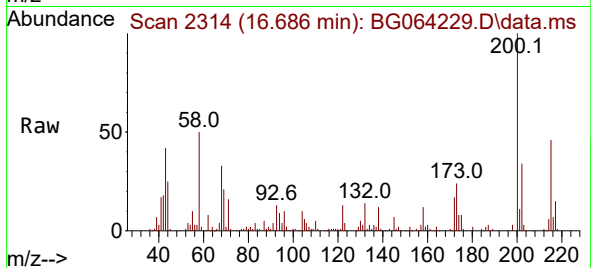
215 46.3 24.8 64.8

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Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#70

Pentachlorophenol

Concen: 42.294 ng

RT: 16.874 min Scan# 2346

Delta R.T. -0.004 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

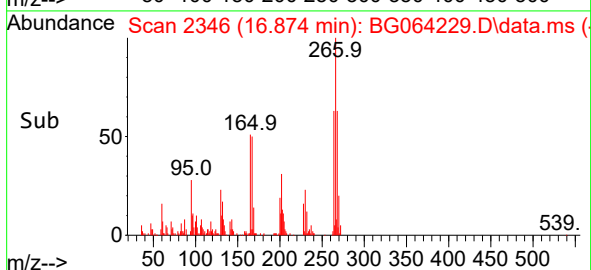
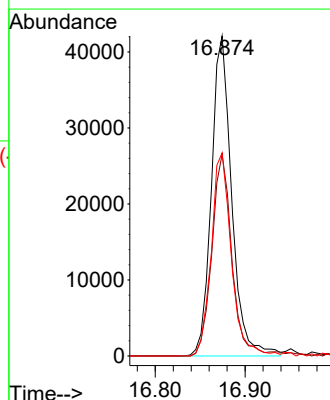
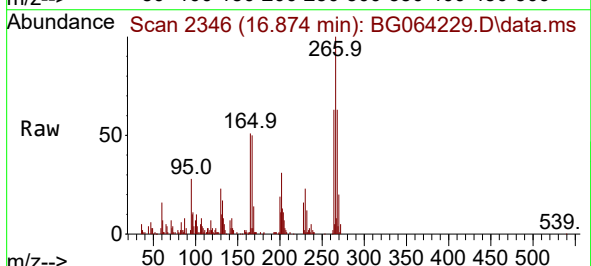
Tgt Ion:266 Resp: 66097

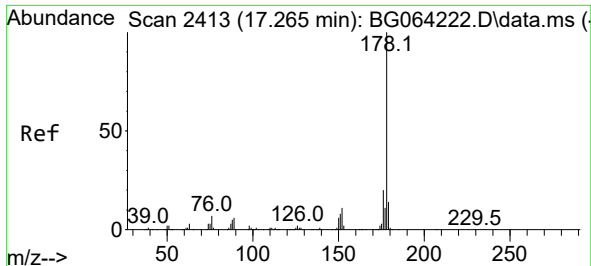
Ion Ratio Lower Upper

266 100

268 63.1 49.4 74.0

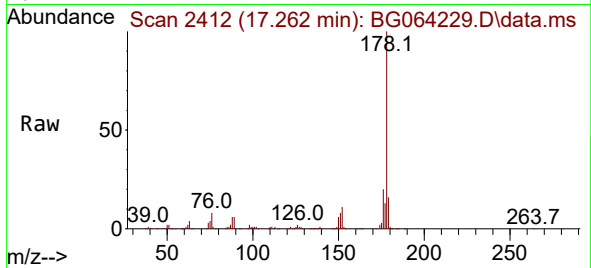
264 63.4 44.3 66.5





#71
Phenanthrene
Concen: 40.827 ng
RT: 17.262 min Scan# 2413
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

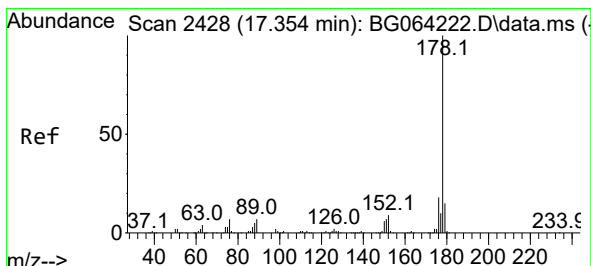
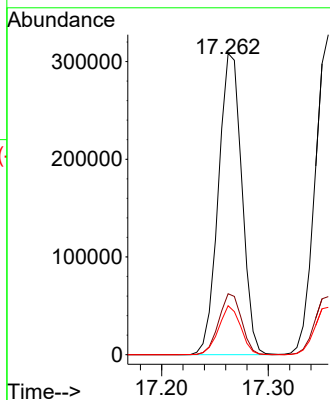
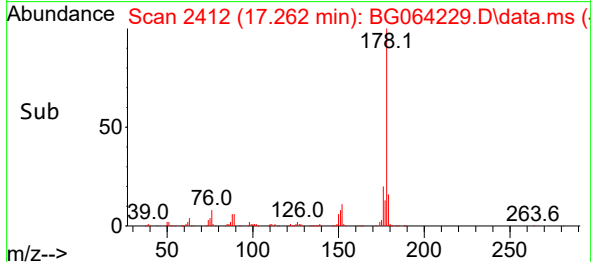
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



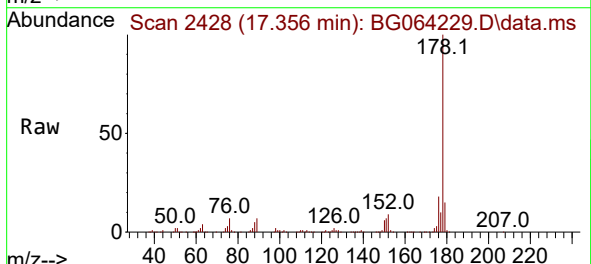
Tgt Ion:178 Resp: 470558
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.3 11.4 17.2

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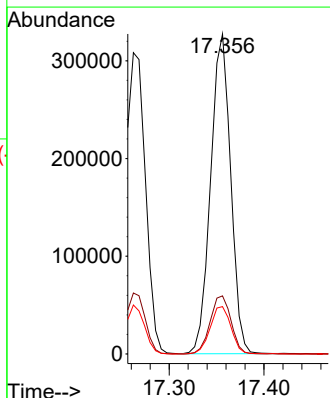
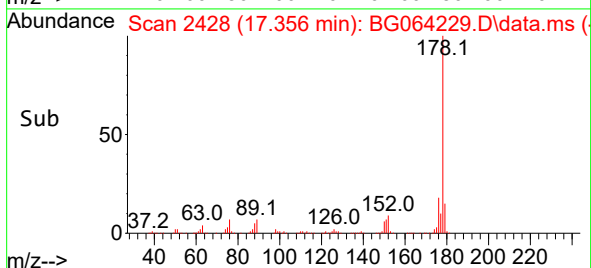
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

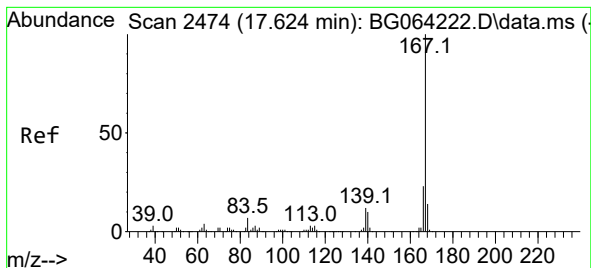


#72
Anthracene
Concen: 41.025 ng
RT: 17.356 min Scan# 2428
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30



Tgt Ion:178 Resp: 480984
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 14.8 12.1 18.1





#73

Carbazole

Concen: 42.250 ng

RT: 17.621 min Scan# 2473

Delta R.T. -0.004 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 436369

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

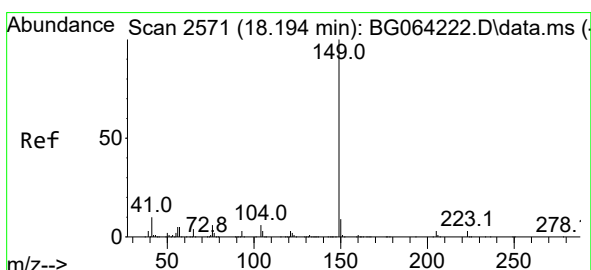
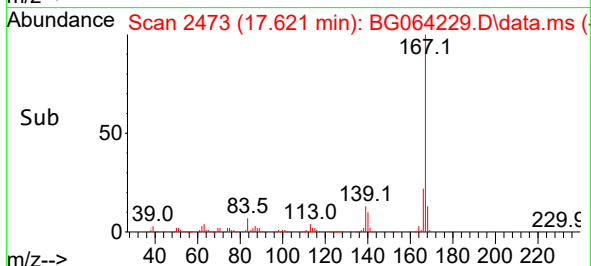
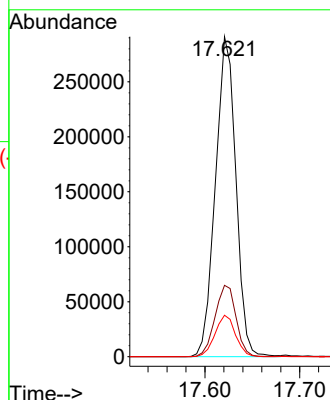
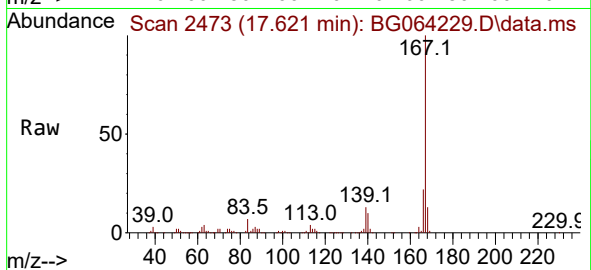
139 13.0 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#74

Di-n-butylphthalate

Concen: 42.517 ng

RT: 18.191 min Scan# 2570

Delta R.T. -0.004 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

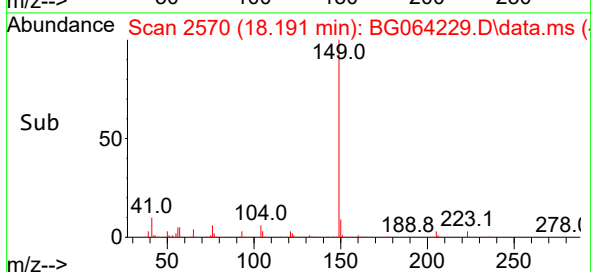
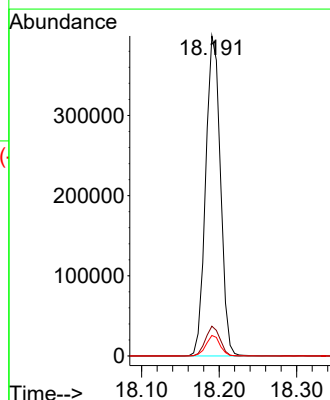
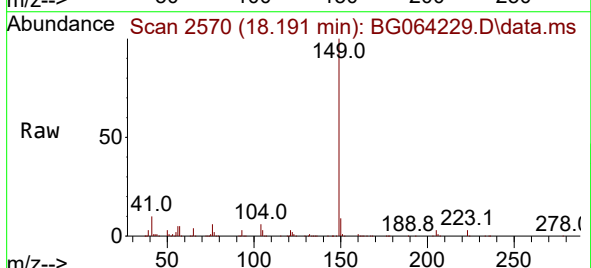
Tgt Ion:149 Resp: 527572

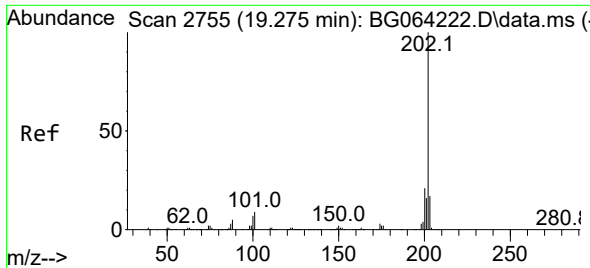
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

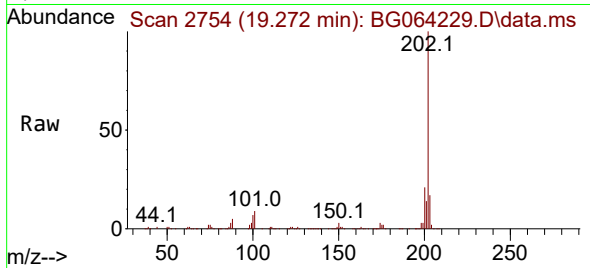
104 6.4 4.6 7.0





#75
Fluoranthene
Concen: 41.562 ng
RT: 19.272 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

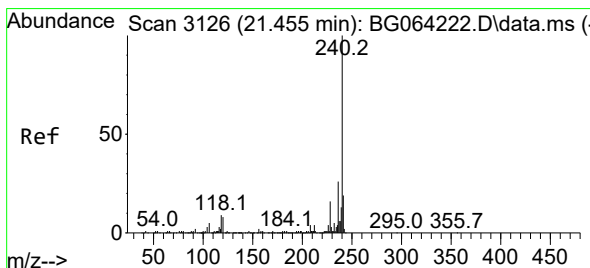
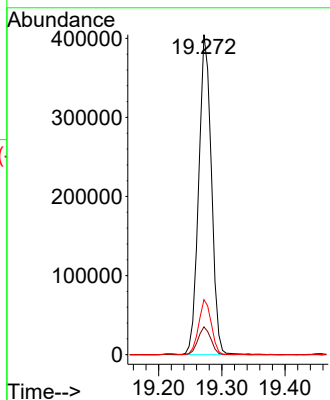
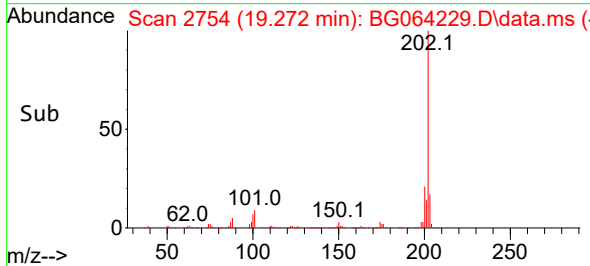
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



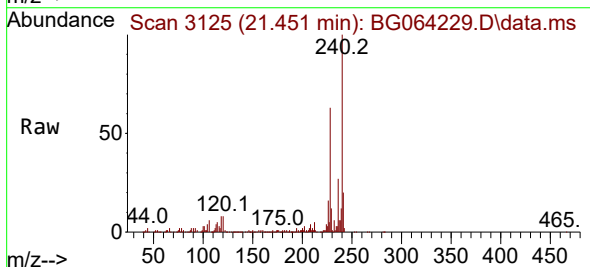
Tgt Ion:202 Resp: 563250
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.7
203 17.2 0.0 36.9

Manual Integrations
APPROVED

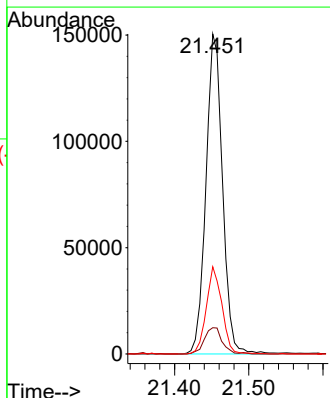
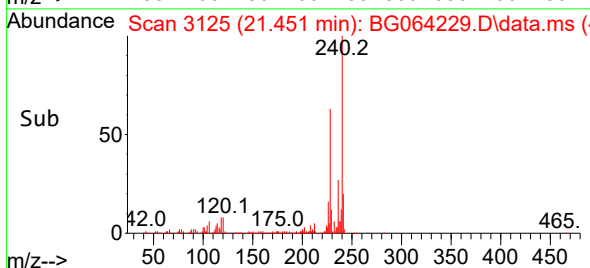
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

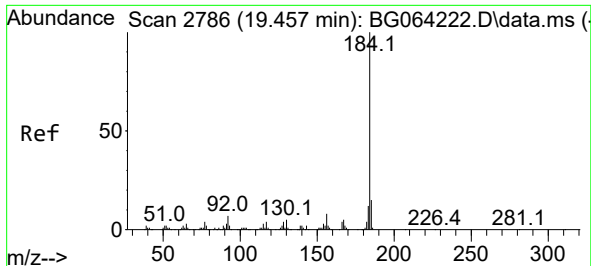


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30



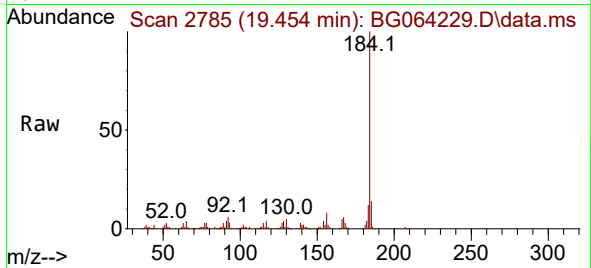
Tgt Ion:240 Resp: 233922
Ion Ratio Lower Upper
240 100
120 8.2 6.2 9.4
236 27.3 20.5 30.7





#77
Benzidine
Concen: 42.644 ng
RT: 19.454 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

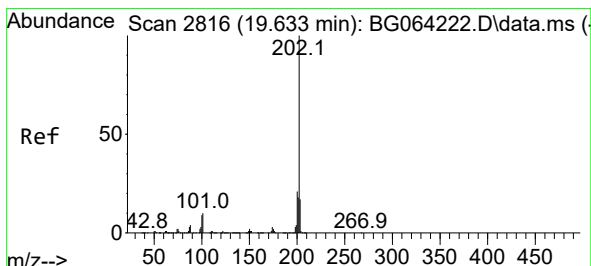
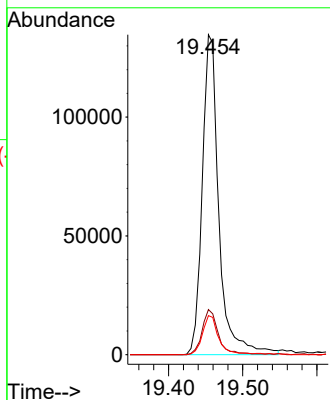
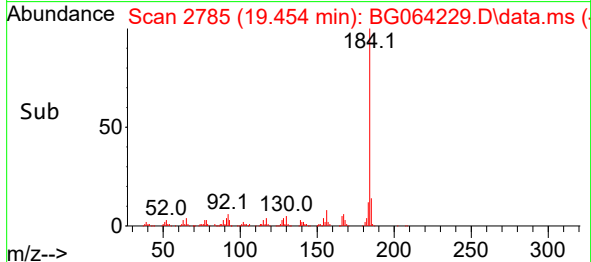
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 209849
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 12.2 9.7 14.5

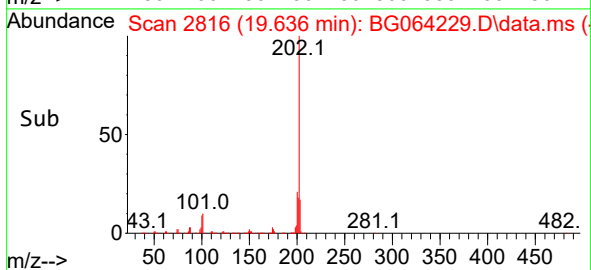
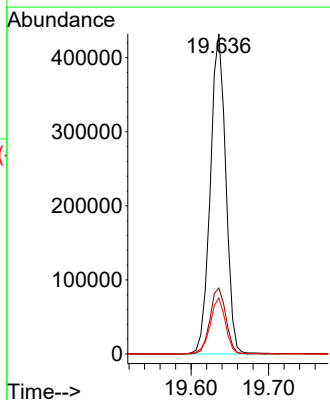
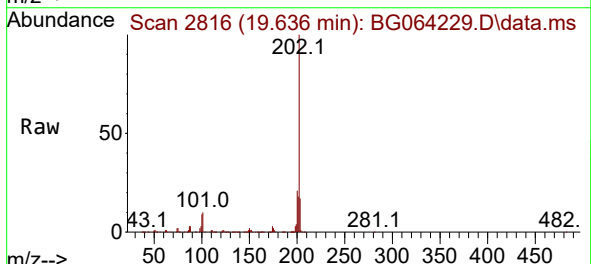
Manual Integrations
APPROVED

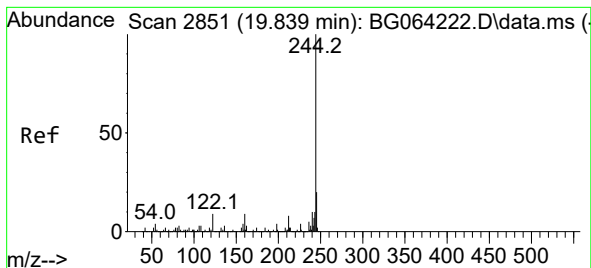
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#78
Pyrene
Concen: 40.601 ng
RT: 19.636 min Scan# 2816
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

Tgt Ion:202 Resp: 598353
Ion Ratio Lower Upper
202 100
200 20.6 16.9 25.3
203 17.5 13.8 20.8





#79

Terphenyl-d14

Concen: 80.397 ng

RT: 19.842 min Scan# 2851

Delta R.T. -0.004 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

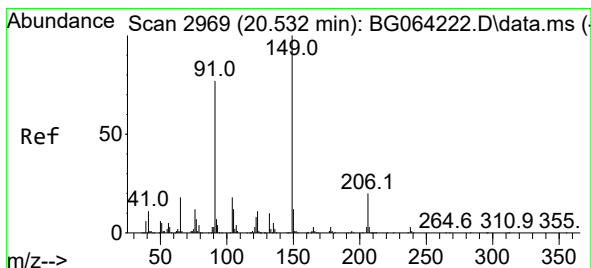
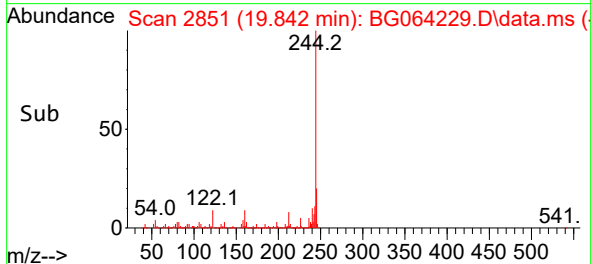
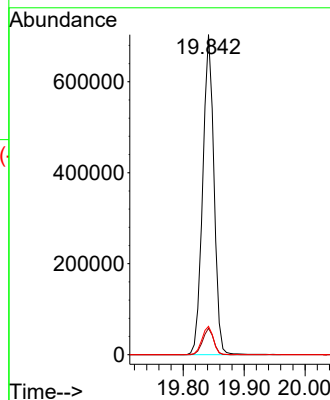
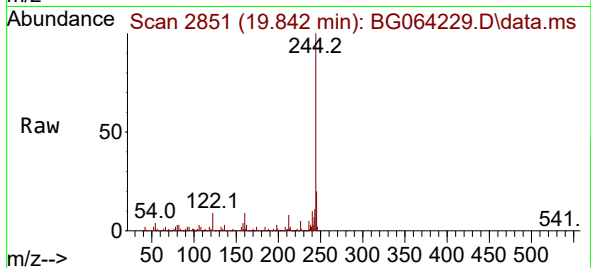
Tgt Ion:	244	Resp:	901414
Ion Ratio	Lower	Upper	
244	100		
212	8.3	6.6	10.0
122	8.9	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#80

Butylbenzylphthalate

Concen: 41.755 ng

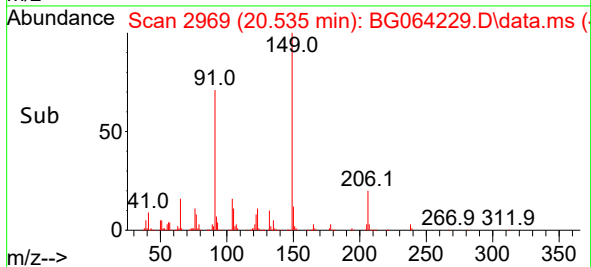
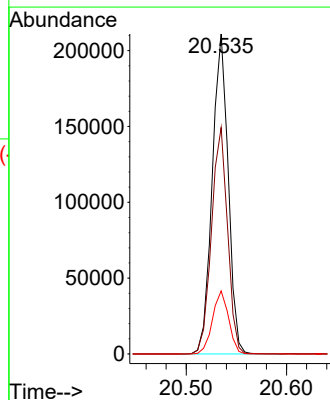
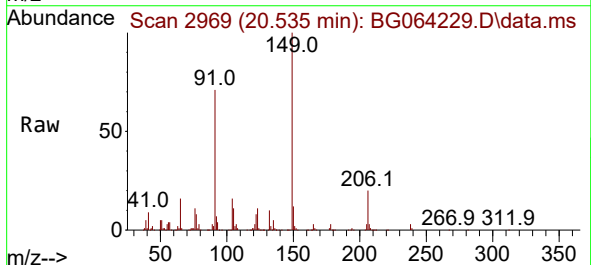
RT: 20.535 min Scan# 2969

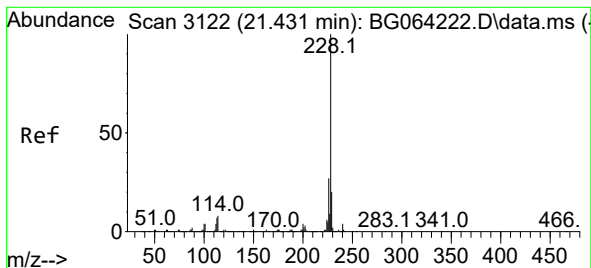
Delta R.T. 0.002 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

Tgt Ion:	149	Resp:	232099
Ion Ratio	Lower	Upper	
149	100		
91	70.7	61.4	92.0
206	19.7	15.8	23.6





#81

Benzo(a)anthracene

Concen: 40.258 ng

RT: 21.434 min Scan# 3122

Delta R.T. -0.004 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

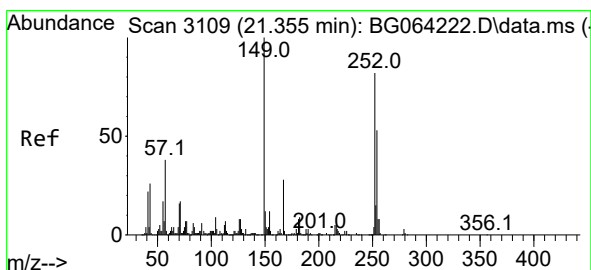
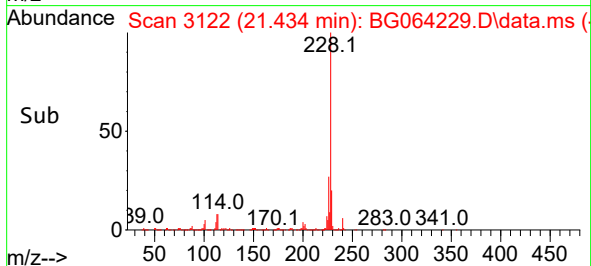
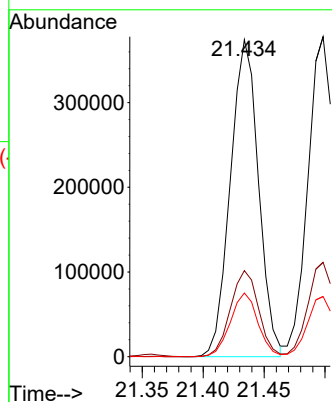
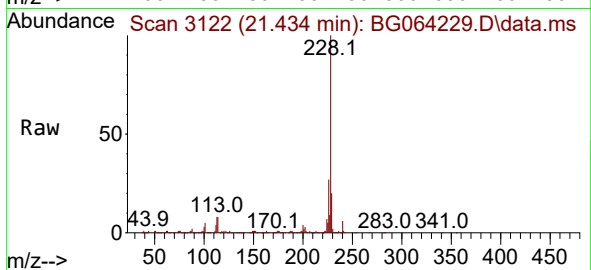
SSTDCCC040

Tgt Ion:228 Resp: 60247
 Ion Ratio Lower Upper
 228 100
 226 27.2 21.7 32.5
 229 20.1 15.9 23.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/02/2025
 Supervised By :Jagrut Upadhyay 09/02/2025



#82

3,3'-Dichlorobenzidine

Concen: 41.407 ng

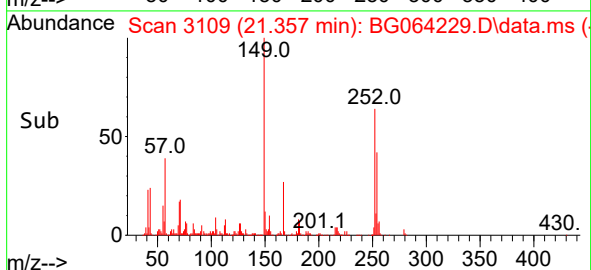
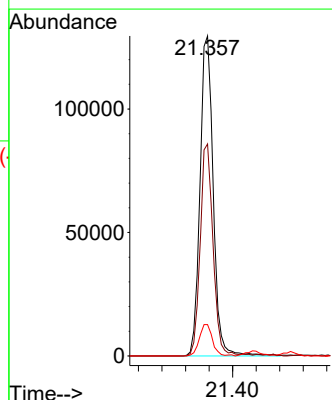
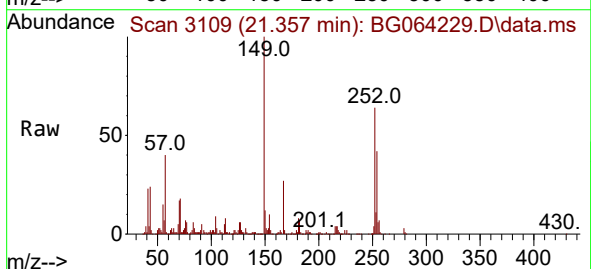
RT: 21.357 min Scan# 3109

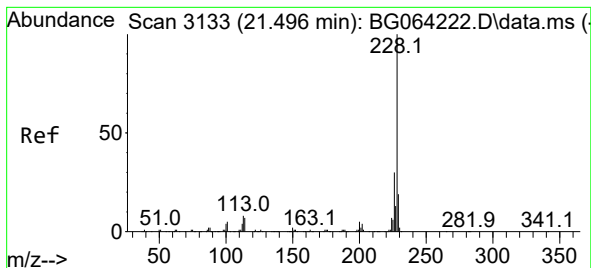
Delta R.T. -0.004 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

Tgt Ion:252 Resp: 201815
 Ion Ratio Lower Upper
 252 100
 254 66.3 51.9 77.9
 126 9.8 7.6 11.4





#83

Chrysene

Concen: 40.368 ng

RT: 21.498 min Scan# 3133

Delta R.T. -0.004 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

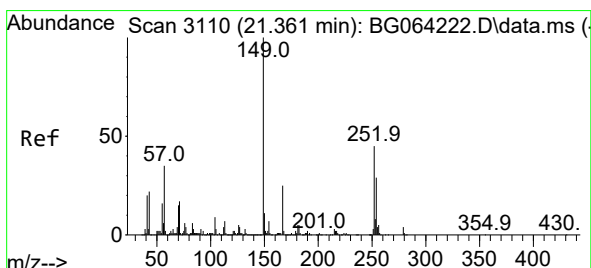
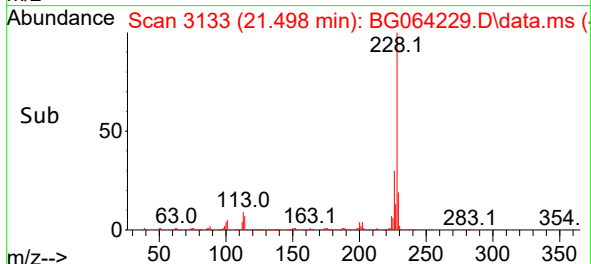
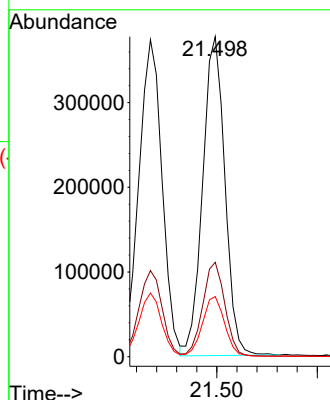
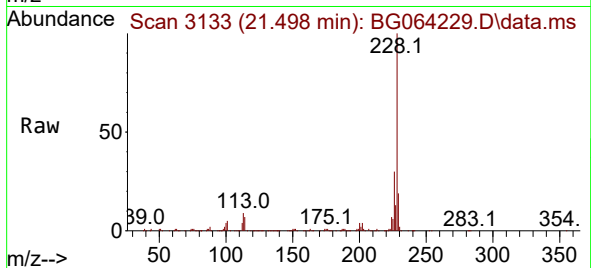
Tgt Ion:228 Resp: 579979
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.2 36.2
 229 18.8 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/02/2025

Supervised By :Jagrut Upadhyay 09/02/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.449 ng

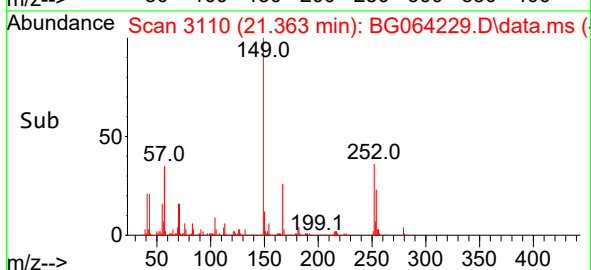
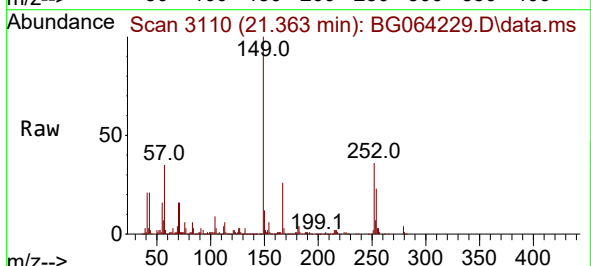
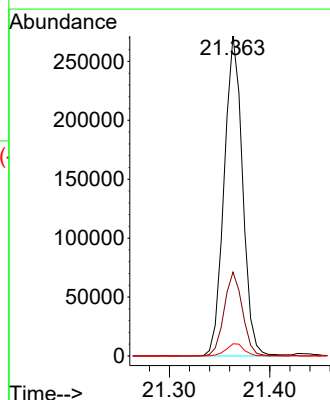
RT: 21.363 min Scan# 3110

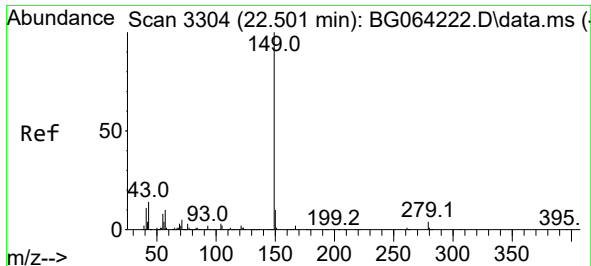
Delta R.T. -0.004 min

Lab File: BG064229.D

Acq: 29 Aug 2025 14:30

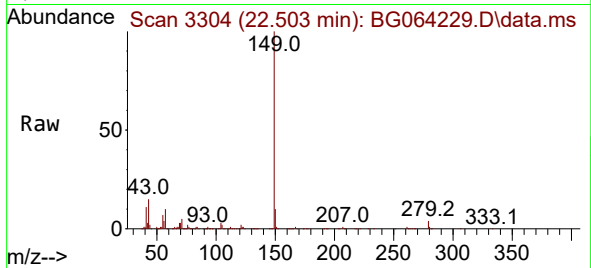
Tgt Ion:149 Resp: 345909
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.0 30.0
 279 3.8 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 41.136 ng
RT: 22.503 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

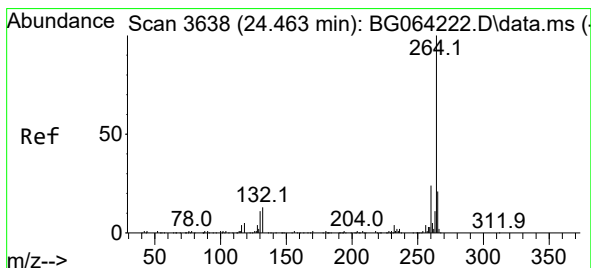
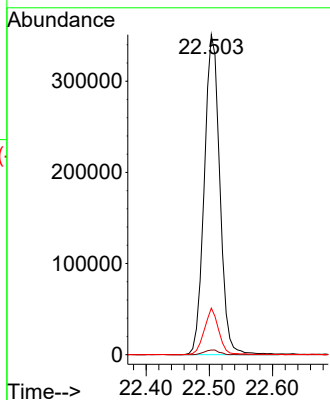
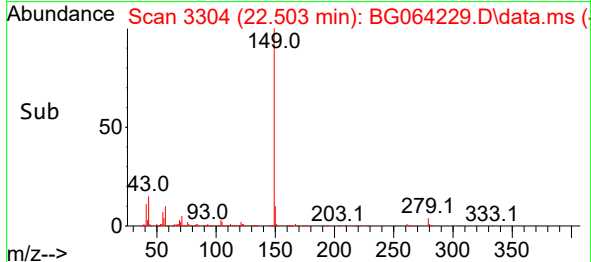
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 59816
Ion Ratio Lower Upper
149 100
167 1.4 1.3 1.9
43 13.6 10.8 16.2

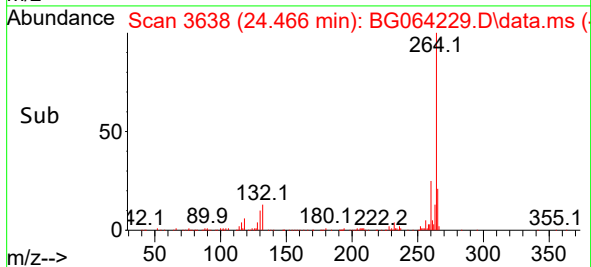
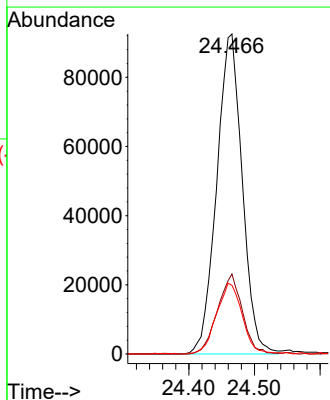
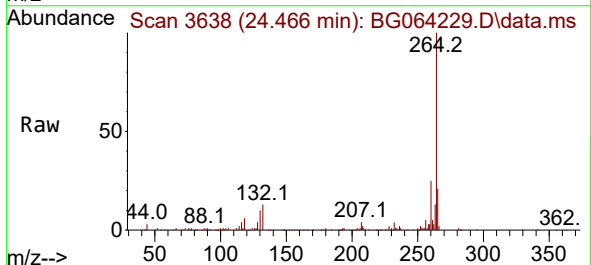
Manual Integrations
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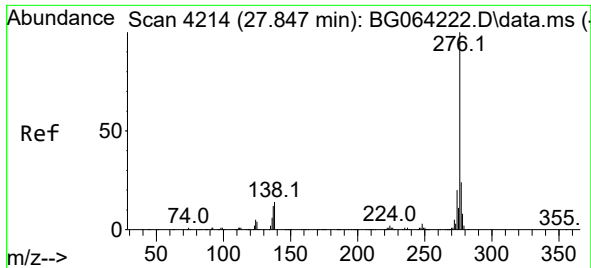
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.466 min Scan# 3638
Delta R.T. 0.002 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

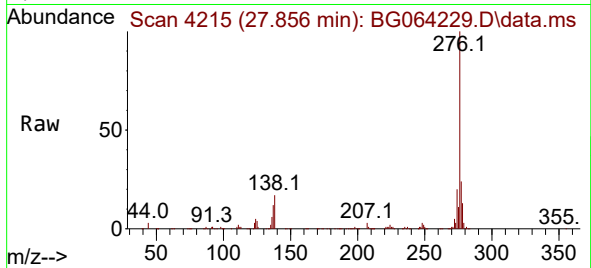
Tgt Ion:264 Resp: 249739
Ion Ratio Lower Upper
264 100
260 25.0 18.9 28.3
265 21.4 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.653 ng
RT: 27.856 min Scan# 4215
Delta R.T. -0.015 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

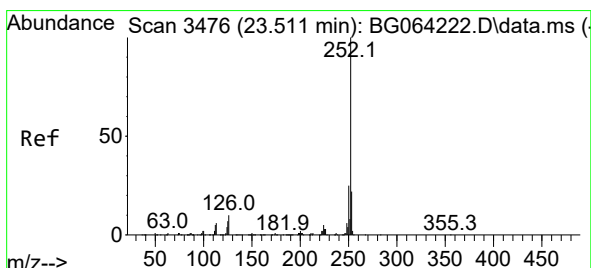
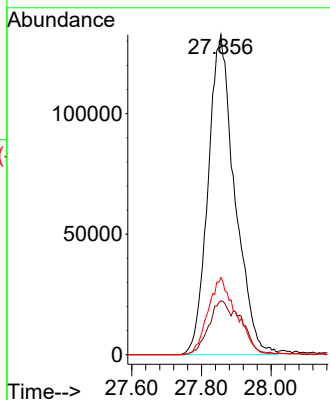
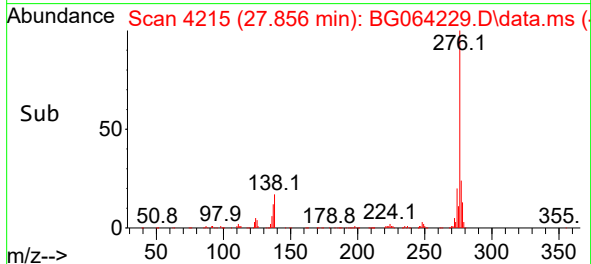
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



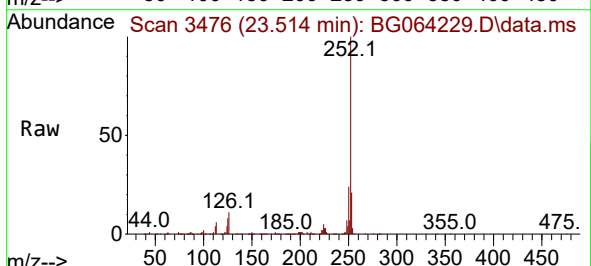
Tgt Ion:276 Resp: 71039
Ion Ratio Lower Upper
276 100
138 13.0 7.4 11.0
277 25.4 20.5 30.7

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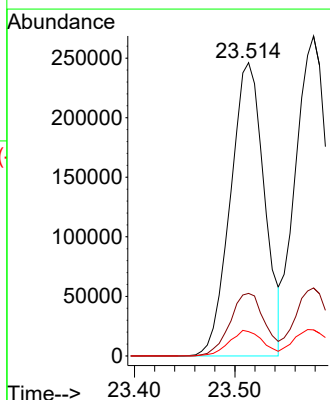
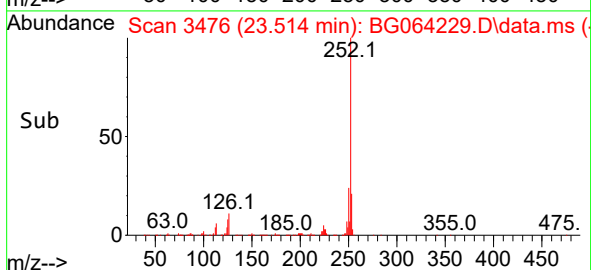
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

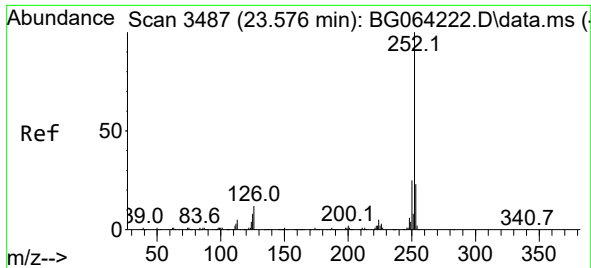


#88
Benzo(b)fluoranthene
Concen: 41.162 ng
RT: 23.514 min Scan# 3476
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30



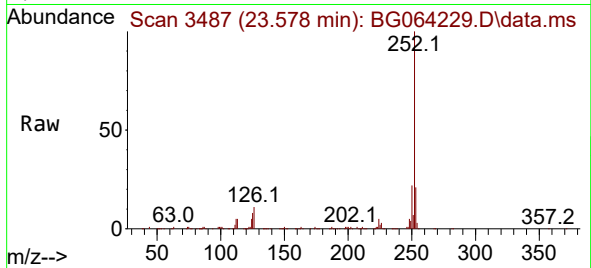
Tgt Ion:252 Resp: 580182
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 8.3 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 42.734 ng
RT: 23.578 min Scan# 3487
Delta R.T. -0.009 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

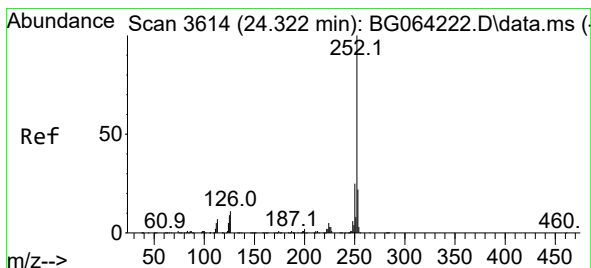
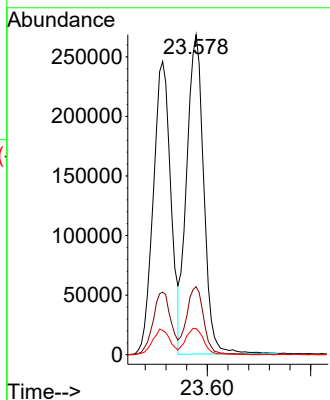
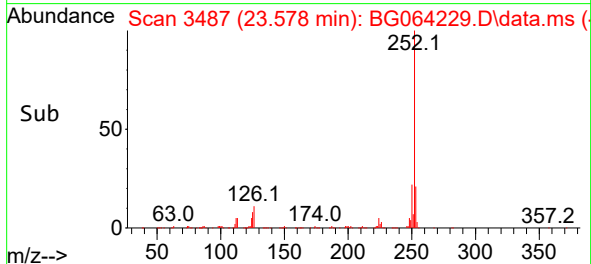
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:252 Resp: 61364
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.4
125 8.2 7.0 10.4

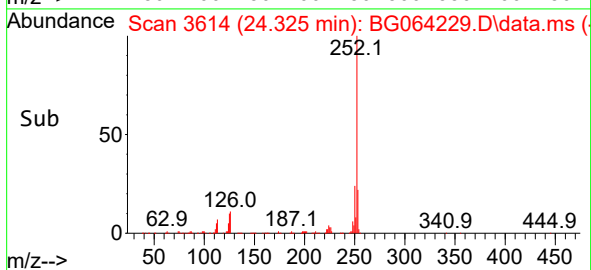
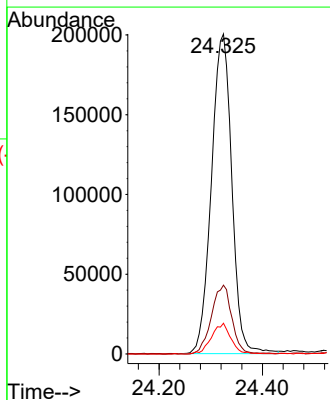
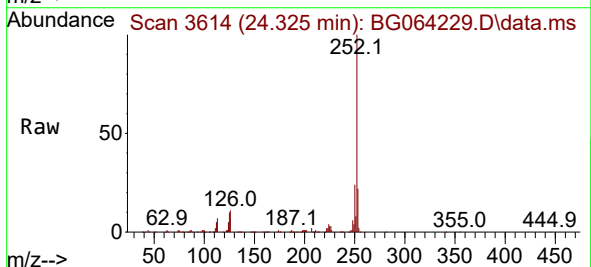
Manual Integrations
APPROVED

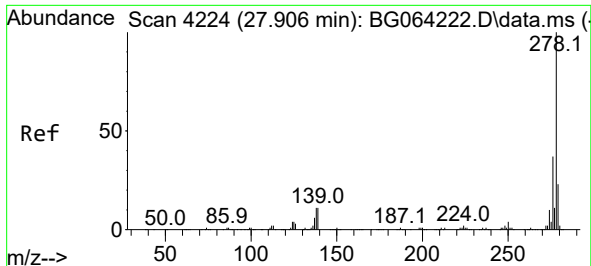
Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#90
Benzo(a)pyrene
Concen: 41.866 ng
RT: 24.325 min Scan# 3614
Delta R.T. -0.004 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

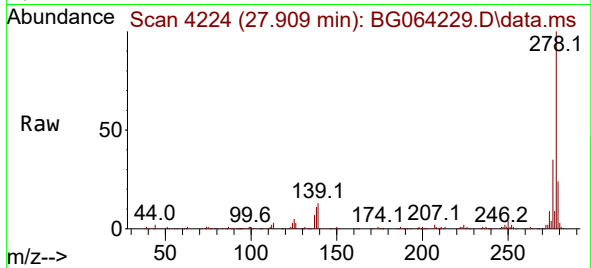
Tgt Ion:252 Resp: 548931
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 9.6 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 42.172 ng
RT: 27.909 min Scan# 41
Delta R.T. -0.015 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30

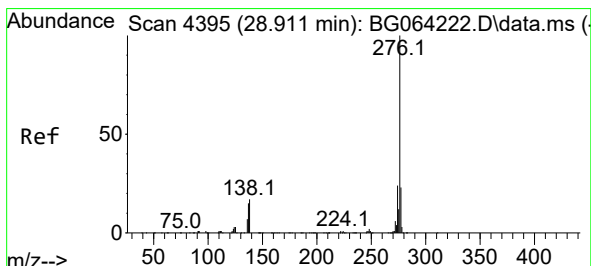
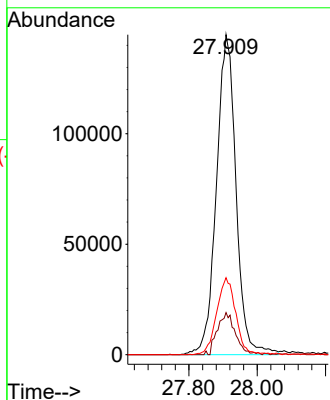
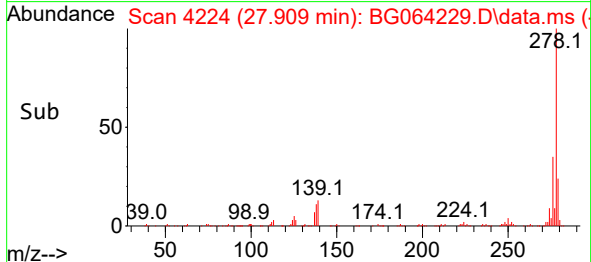
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



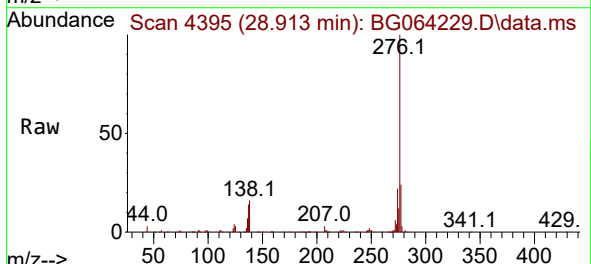
Tgt Ion:278 Resp: 577490
Ion Ratio Lower Upper
278 100
139 13.1 9.0 13.4
279 24.0 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025



#92
Benzo(g,h,i)perylene
Concen: 41.559 ng
RT: 28.913 min Scan# 4395
Delta R.T. -0.021 min
Lab File: BG064229.D
Acq: 29 Aug 2025 14:30



Tgt Ion:276 Resp: 553764
Ion Ratio Lower Upper
276 100
277 23.7 18.2 27.4
138 15.7 13.3 19.9

