

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090925\
 Data File : BG064319.D
 Acq On : 9 Sep 2025 11:38
 Operator : RC/JU
 Sample : PB169593BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169593BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 12:26:01 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	7.850	152	24346	20.000	ng	0.00
21) Naphthalene-d8	10.635	136	102315	20.000	ng	#-0.01
39) Acenaphthene-d10	14.478	164	78998	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	193893	20.000	ng	# 0.00
76) Chrysene-d12	21.452	240	202922	20.000	ng	# 0.00
86) Perylene-d12	24.454	264	224122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	145808	107.448	ng	0.00
7) Phenol-d6	7.022	99	197745	106.069	ng	0.00
23) Nitrobenzene-d5	9.002	82	142176	77.498	ng	-0.01
42) 2,4,6-Tribromophenol	15.964	330	144024	137.642	ng	0.00
45) 2-Fluorobiphenyl	13.103	172	379524	73.329	ng	0.00
79) Terphenyl-d14	19.836	244	796142	81.856	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	14145	25.008	ng	97
3) Pyridine	3.737	79	40067	24.065	ng	# 59
4) n-Nitrosodimethylamine	3.655	42	39260	35.650	ng	# 94
6) Aniline	7.174	93	71330	27.668	ng	98
8) 2-Chlorophenol	7.415	128	61001	36.787	ng	97
9) Benzaldehyde	6.986	77	41289	26.912	ng	98
10) Phenol	7.051	94	74433	36.213	ng	84
11) bis(2-Chloroethyl)ether	7.274	93	46334	29.999	ng	96
12) 1,3-Dichlorobenzene	7.738	146	63374	35.924	ng	94
13) 1,4-Dichlorobenzene	7.885	146	65187	36.614	ng	98
14) 1,2-Dichlorobenzene	8.197	146	62901	36.606	ng	95
15) Benzyl Alcohol	8.085	79	60872	35.382	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.379	45	87871	24.919	ng	95
17) 2-Methylphenol	8.291	107	51428	33.572	ng	92
18) Hexachloroethane	8.931	117	24773	35.646	ng	92
19) n-Nitroso-di-n-propyla...	8.649	70	44691	31.322	ng	# 91
20) 3+4-Methylphenols	8.614	107	72035	33.843	ng	99
22) Acetophenone	8.667	105	103944	40.157	ng	# 96
24) Nitrobenzene	9.043	77	69461	36.238	ng	96
25) Isophorone	9.566	82	127192	33.359	ng	100
26) 2-Nitrophenol	9.754	139	32591	39.350	ng	# 78
27) 2,4-Dimethylphenol	9.818	122	62445	42.944	ng	98
28) bis(2-Chloroethoxy)met...	10.048	93	68845	33.486	ng	98
29) 2,4-Dichlorophenol	10.288	162	62344	40.634	ng	95
30) 1,2,4-Trichlorobenzene	10.506	180	67169	41.521	ng	97
31) Naphthalene	10.688	128	189516	35.720	ng	99
32) Benzoic acid	9.965	122	48255	41.805	ng	90
33) 4-Chloroaniline	10.794	127	50367	24.493	ng	# 90
34) Hexachlorobutadiene	10.976	225	52305	43.740	ng	95
35) Caprolactam	11.563	113	21212m	35.705	ng	
36) 4-Chloro-3-methylphenol	11.922	107	77744	39.054	ng	94
37) 2-Methylnaphthalene	12.298	142	134572	34.124	ng	92
38) 1-Methylnaphthalene	12.515	142	140876	36.166	ng	98
40) 1,2,4,5-Tetrachloroben...	12.668	216	95275	41.799	ng	97
41) Hexachlorocyclopentadiene	12.650	237	124809	115.212	ng	92
43) 2,4,6-Trichlorophenol	12.909	196	58313	38.276	ng	95

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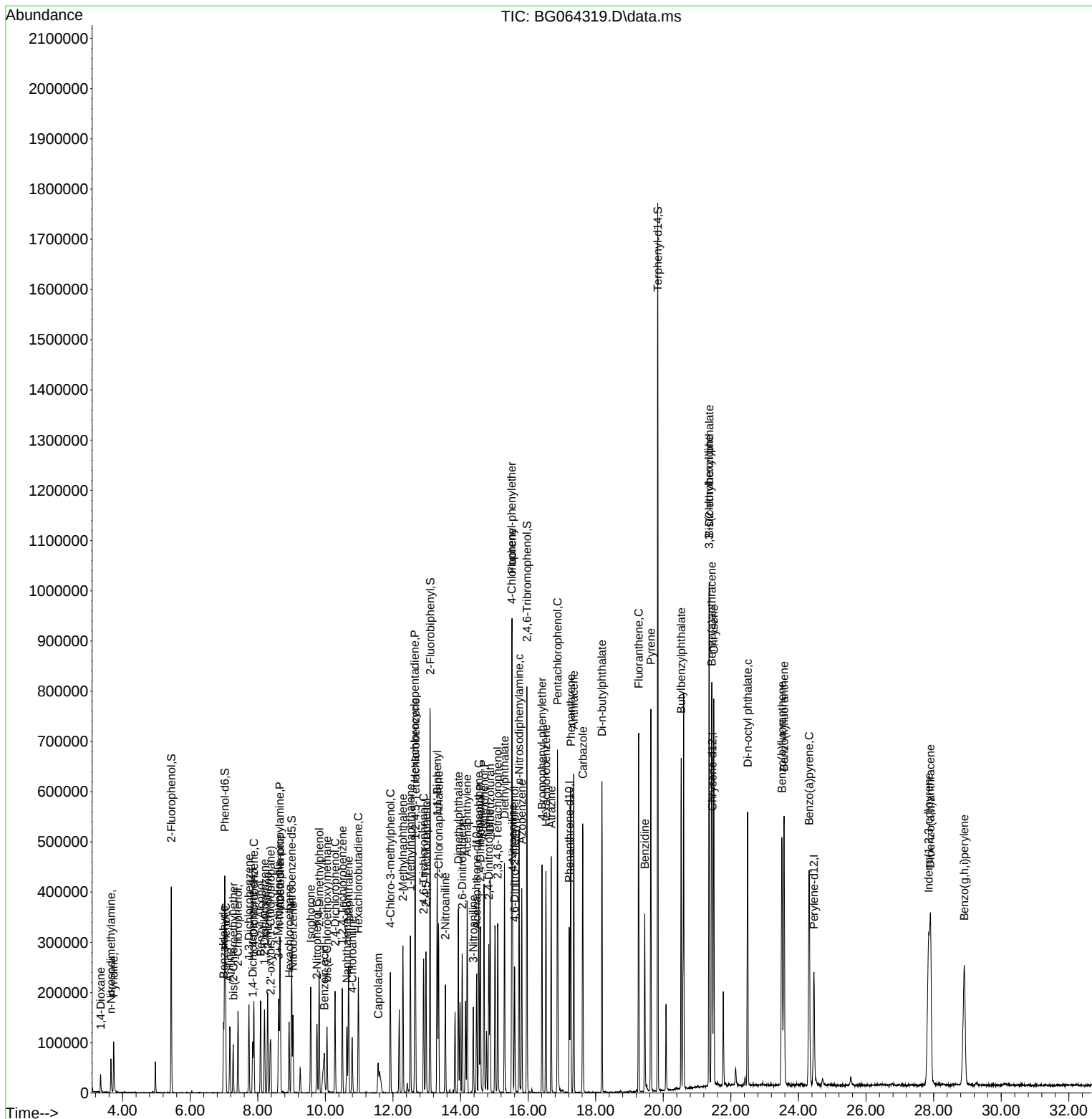
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	67360	40.759	ng	96
46) 1,1'-Biphenyl	13.308	154	228553	39.722	ng	98
47) 2-Chloronaphthalene	13.350	162	150757	34.852	ng	95
48) 2-Nitroaniline	13.549	65	58730	39.835	ng	88
49) Acenaphthylene	14.196	152	264926	41.431	ng	99
50) Dimethylphthalate	13.937	163	219817	36.762	ng	98
51) 2,6-Dinitrotoluene	14.049	165	47634	41.149	ng	99
52) Acenaphthene	14.536	154	156943	34.779	ng	95
53) 3-Nitroaniline	14.378	138	35978	29.671	ng	89
54) 2,4-Dinitrophenol	14.589	184	63602	83.805	ng	# 83
55) Dibenzofuran	14.877	168	265752	37.441	ng	99
56) 4-Nitrophenol	14.695	139	79728	80.155	ng	# 79
57) 2,4-Dinitrotoluene	14.836	165	73524	42.007	ng	# 97
58) Fluorene	15.523	166	216706	37.250	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.100	232	70631	44.436	ng	96
60) Diethylphthalate	15.300	149	246066	38.452	ng	99
61) 4-Chlorophenyl-phenyle...	15.518	204	112314	38.722	ng	95
62) 4-Nitroaniline	15.541	138	49806	40.253	ng	94
63) Azobenzene	15.811	77	201086	35.256	ng	97
65) 4,6-Dinitro-2-methylph...	15.600	198	49931	44.854	ng	92
66) n-Nitrosodiphenylamine	15.735	169	200400	37.572	ng	98
67) 4-Bromophenyl-phenylether	16.411	248	80425	39.053	ng	97
68) Hexachlorobenzene	16.528	284	90496	39.571	ng	94
69) Atrazine	16.687	200	90029	40.424	ng	97
70) Pentachlorophenol	16.869	266	118005	85.100	ng	# 88
71) Phenanthrene	17.263	178	376255	36.792	ng	99
72) Anthracene	17.351	178	389922	37.483	ng	97
73) Carbazole	17.615	167	350184	38.213	ng	97
74) Di-n-butylphthalate	18.185	149	412385	37.456	ng	99
75) Fluoranthene	19.272	202	463003	38.505	ng	97
77) Benzidine	19.454	184	207927	48.709	ng	97
78) Pyrene	19.630	202	474263	37.097	ng	99
80) Butylbenzylphthalate	20.529	149	185555	38.482	ng	94
81) Benzo(a)anthracene	21.428	228	493683	38.028	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	117305	27.745	ng	97
83) Chrysene	21.493	228	462190	37.084	ng	99
84) Bis(2-ethylhexyl)phtha...	21.358	149	266104	36.758	ng	98
85) Di-n-octyl phthalate	22.498	149	461959	36.623	ng	95
87) Indeno(1,2,3-cd)pyrene	27.850	276	596185	38.952	ng	# 97
88) Benzo(b)fluoranthene	23.508	252	477313	37.735	ng	# 98
89) Benzo(k)fluoranthene	23.573	252	500464	38.836	ng	# 96
90) Benzo(a)pyrene	24.313	252	470404	39.978	ng	# 98
91) Dibenzo(a,h)anthracene	27.903	278	480818	39.126	ng	# 96
92) Benzo(g,h,i)perylene	28.908	276	469210	39.238	ng	# 96

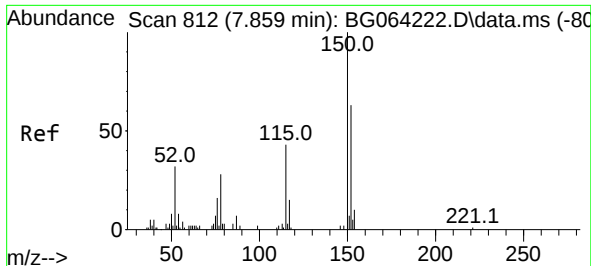
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations
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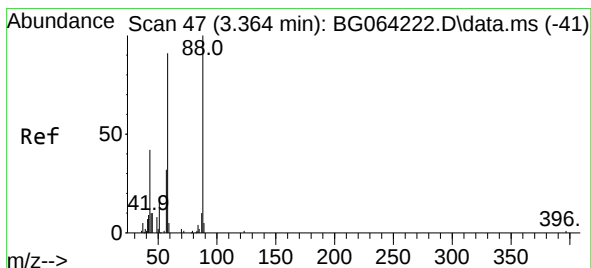
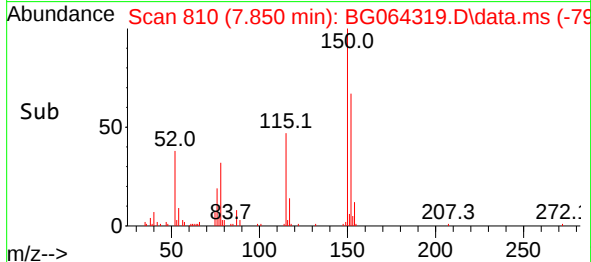
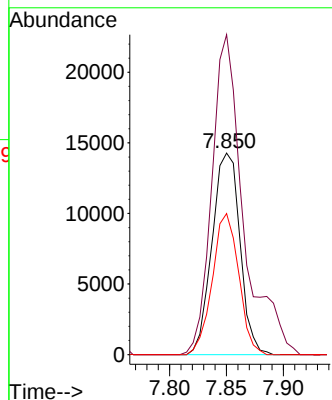
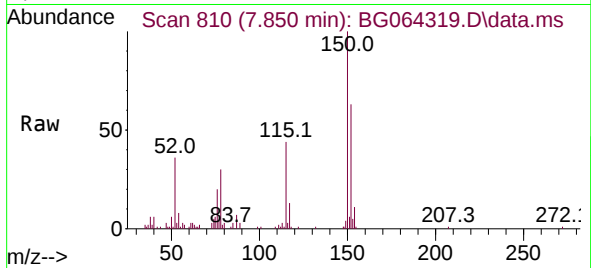
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.850 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :
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PB169593BS

Tgt Ion:152 Resp: 24346
Ion Ratio Lower Upper
152 100
150 158.8 128.0 192.0
115 70.0 55.7 83.5

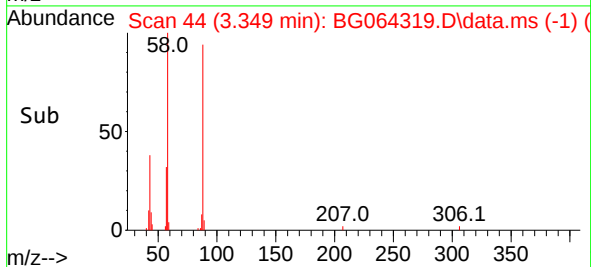
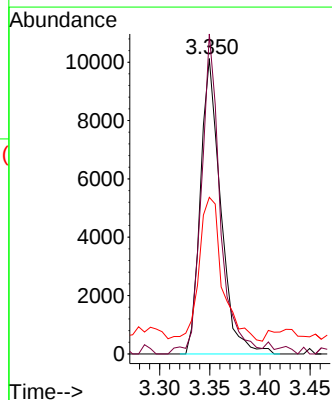
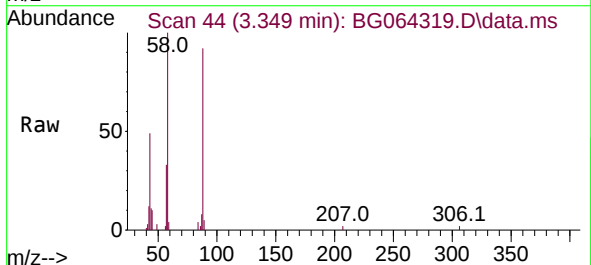
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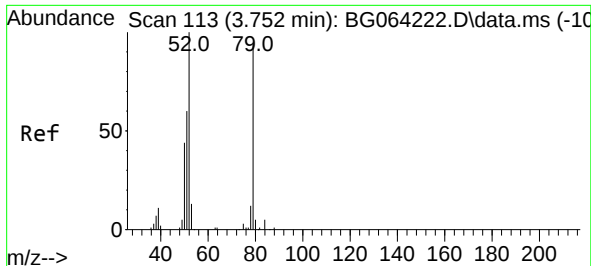
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#2
1,4-Dioxane
Concen: 25.008 ng
RT: 3.349 min Scan# 44
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

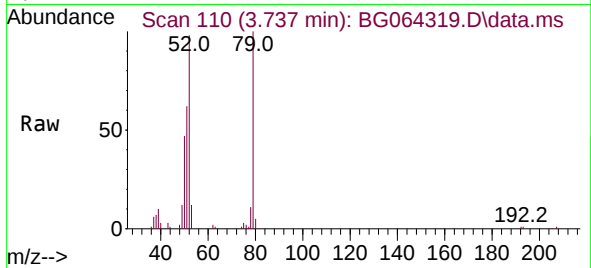
Tgt Ion: 88 Resp: 14145
Ion Ratio Lower Upper
88 100
58 101.3 80.8 121.2
43 55.4 40.3 60.5





#3
Pyridine
Concen: 24.065 ng
RT: 3.737 min Scan# 113
Delta R.T. -0.015 min
Lab File: BG064319.D
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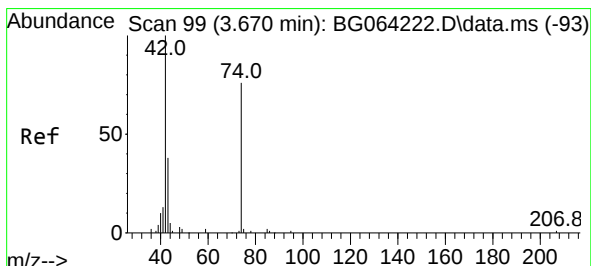
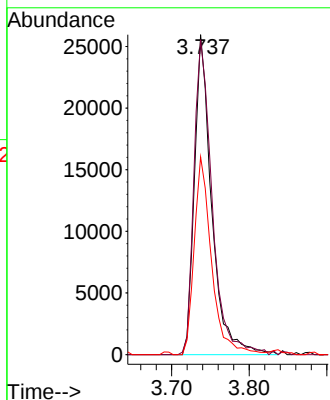
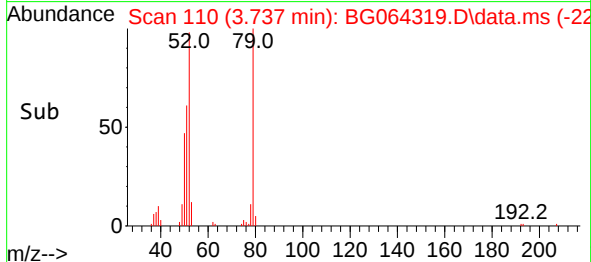
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PB169593BS



Tgt Ion: 79 Resp: 40062
Ion Ratio Lower Upper
79 100
52 98.4 86.6 129.8
51 61.8 114.1 171.1

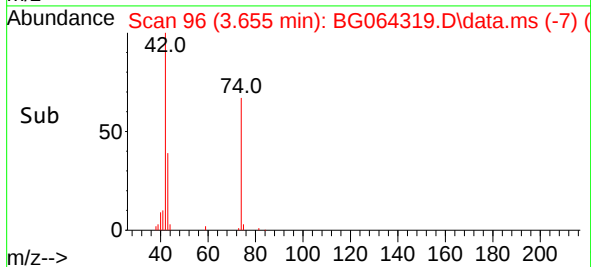
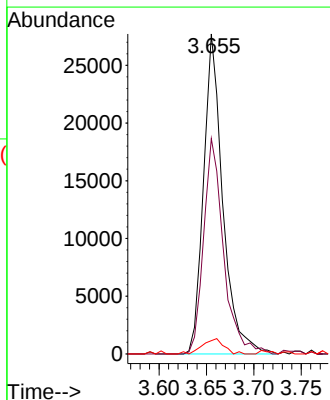
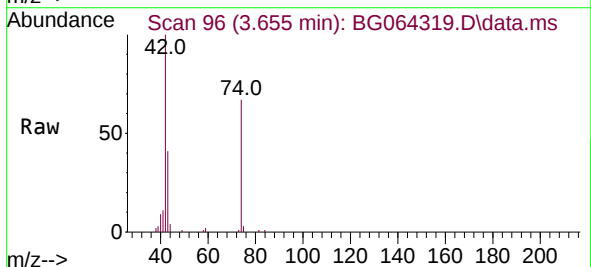
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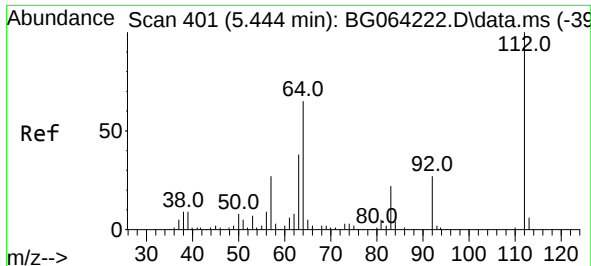
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Supervised By :Jagrut Upadhyay 09/10/2025



#4
n-Nitrosodimethylamine
Concen: 35.650 ng
RT: 3.655 min Scan# 96
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Tgt Ion: 42 Resp: 39260
Ion Ratio Lower Upper
42 100
74 67.3 58.0 87.0
44 4.1 5.5 8.3





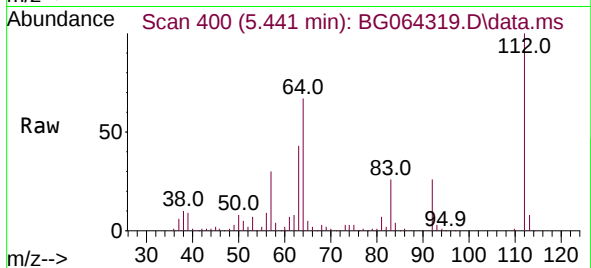
#5
2-Fluorophenol
Concen: 107.448 ng
RT: 5.441 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

ClientSampleId :

PB169593BS

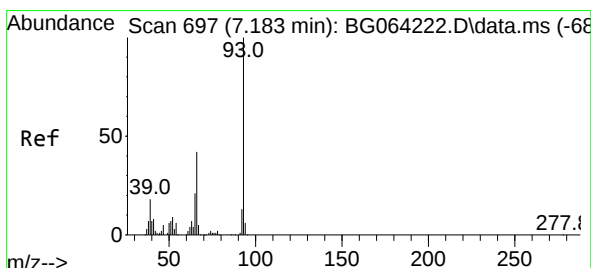
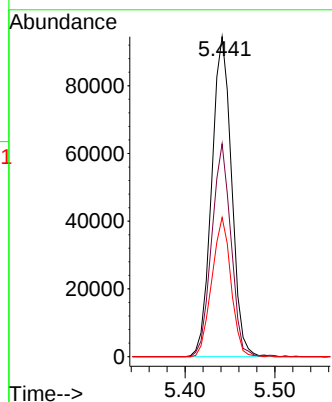
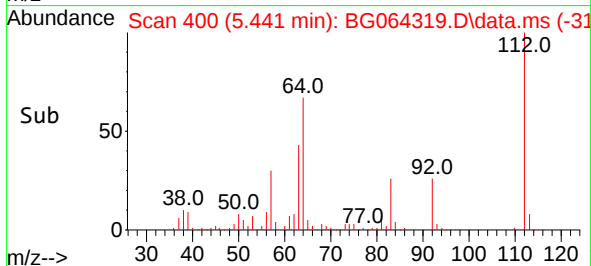


Tgt Ion:112 Resp: 145808
Ion Ratio Lower Upper
112 100
64 66.5 51.8 77.6
63 43.5 30.6 45.8

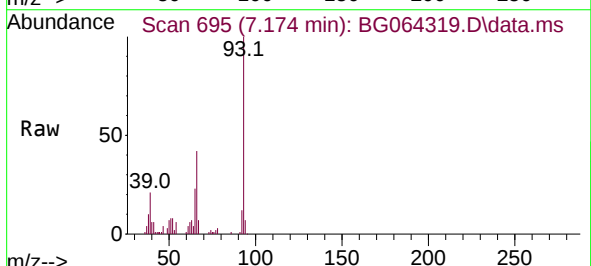
Manual Integrations

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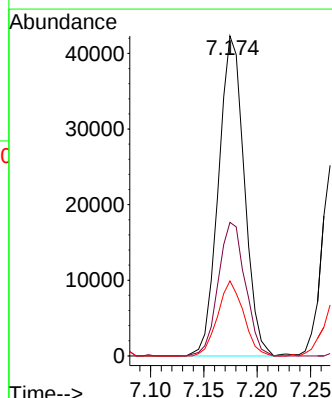
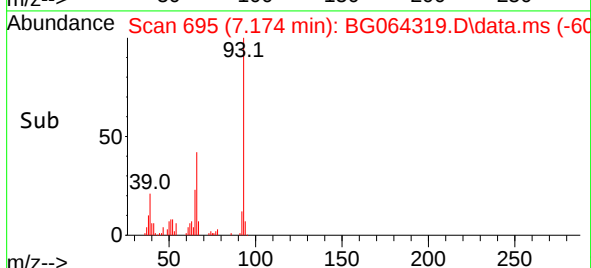
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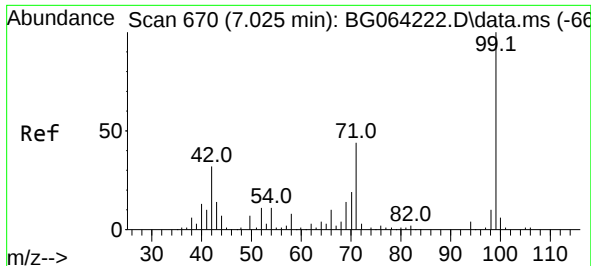


#6
Aniline
Concen: 27.668 ng
RT: 7.174 min Scan# 695
Delta R.T. -0.015 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38



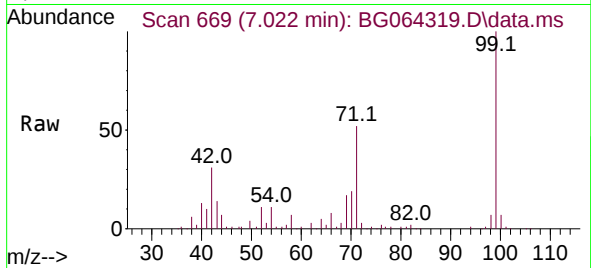
Tgt Ion: 93 Resp: 71330
Ion Ratio Lower Upper
93 100
66 41.7 33.8 50.8
65 23.4 16.9 25.3





#7
Phenol-d6
Concen: 106.069 ng
RT: 7.022 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

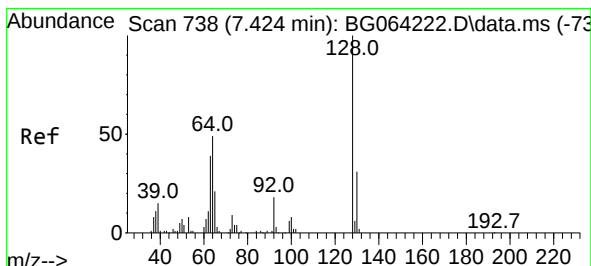
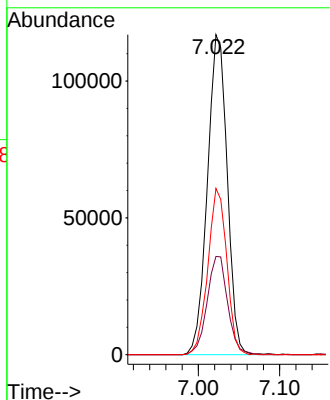
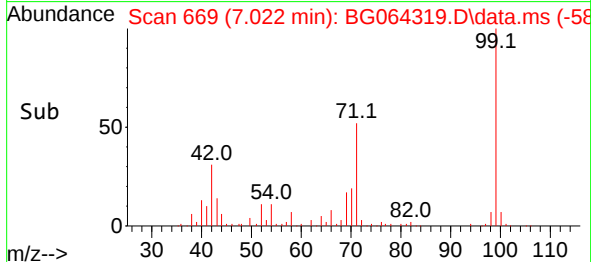
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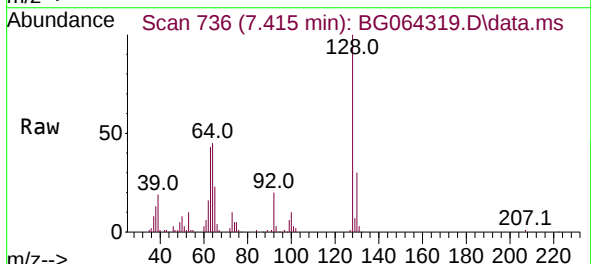
Tgt Ion: 99 Resp: 197745
Ion Ratio Lower Upper
99 100
42 30.7 25.8 38.8
71 51.9 35.2 52.8

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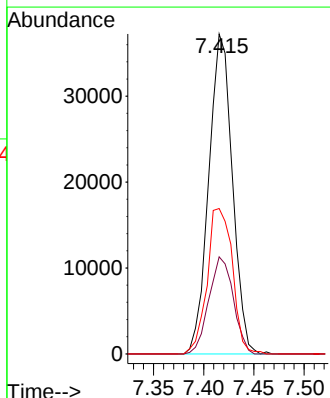
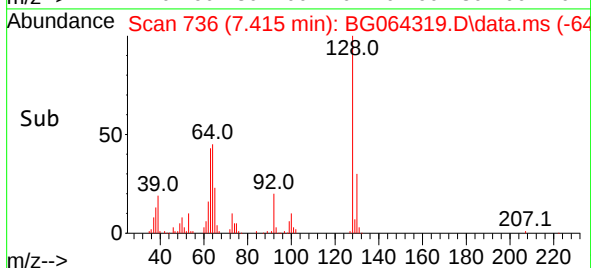
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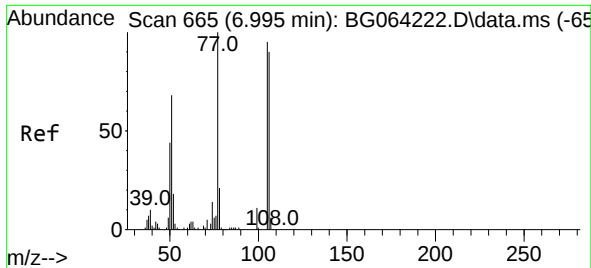


#8
2-Chlorophenol
Concen: 36.787 ng
RT: 7.415 min Scan# 736
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38



Tgt Ion:128 Resp: 61001
Ion Ratio Lower Upper
128 100
130 30.3 10.9 50.9
64 45.4 28.7 68.7





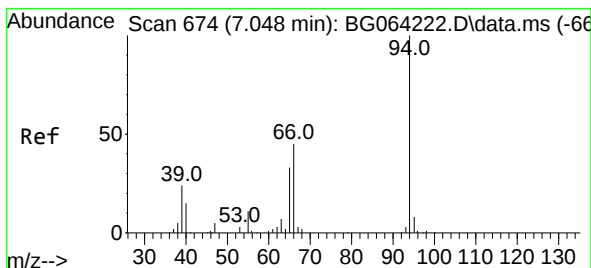
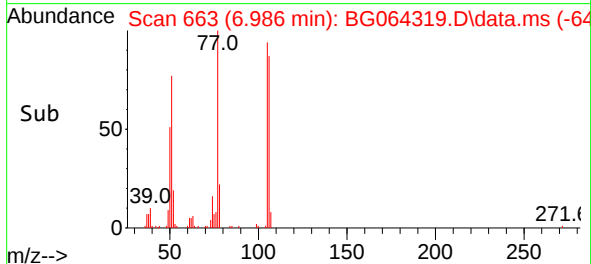
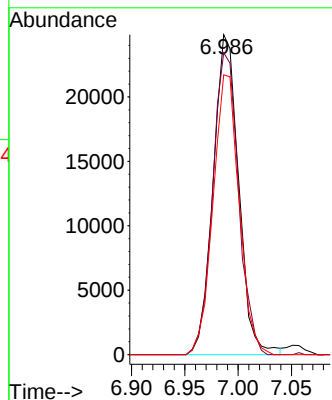
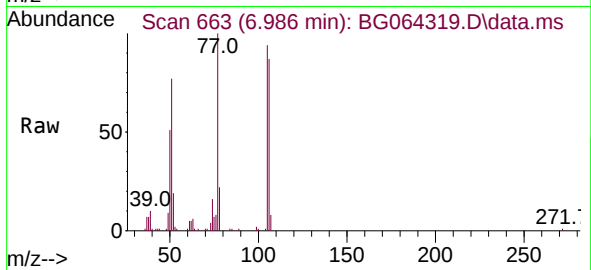
#9
Benzaldehyde
Concen: 26.912 ng
RT: 6.986 min Scan# 663
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :
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Tgt Ion: 77 Resp: 41289
Ion Ratio Lower Upper
77 100
105 94.3 75.2 115.2
106 87.4 69.6 109.6

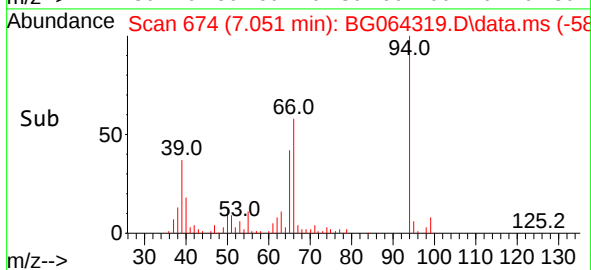
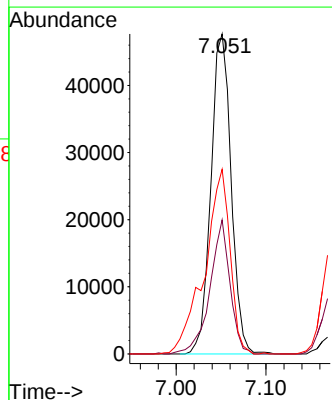
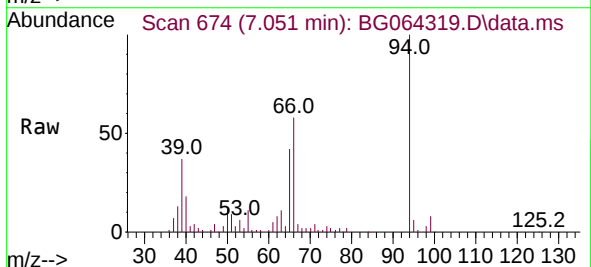
Manual Integrations
APPROVED

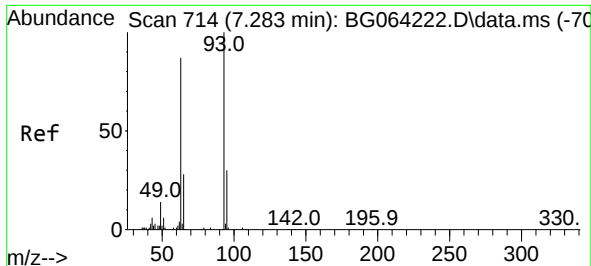
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#10
Phenol
Concen: 36.213 ng
RT: 7.051 min Scan# 674
Delta R.T. -0.003 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

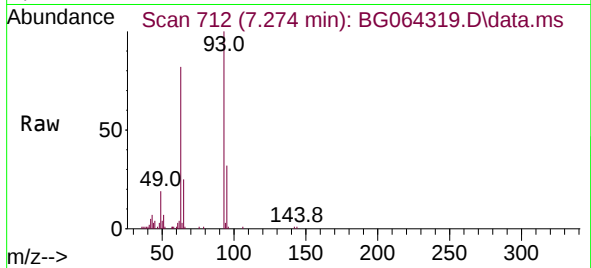
Tgt Ion: 94 Resp: 74433
Ion Ratio Lower Upper
94 100
65 41.9 13.5 53.5
66 57.7 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 29.999 ng
RT: 7.274 min Scan# 714
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

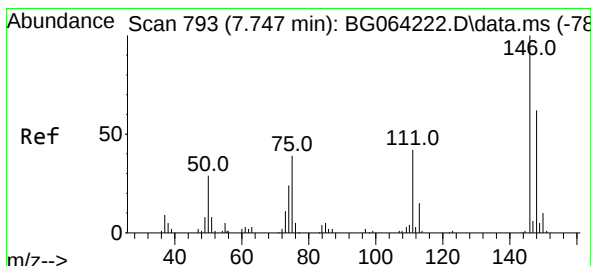
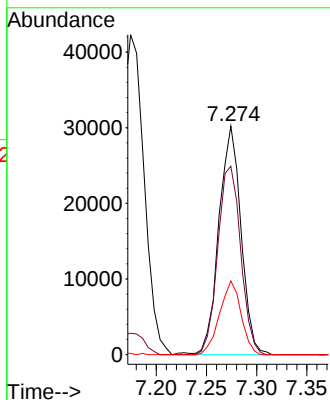
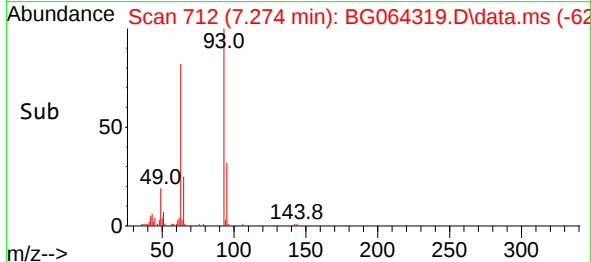
Instrument :
BNA_G
ClientSampleId :
PB169593BS



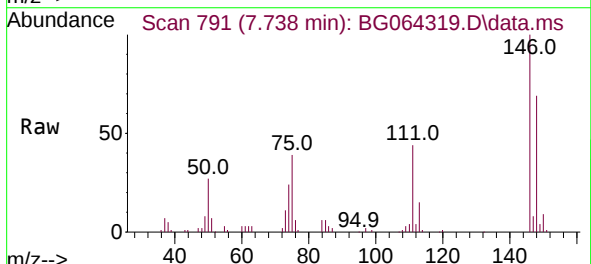
Tgt Ion: 93 Resp: 46334
Ion Ratio Lower Upper
93 100
63 82.4 66.2 106.2
95 32.2 9.8 49.8

Manual Integrations
APPROVED

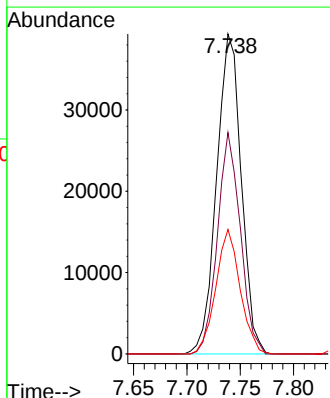
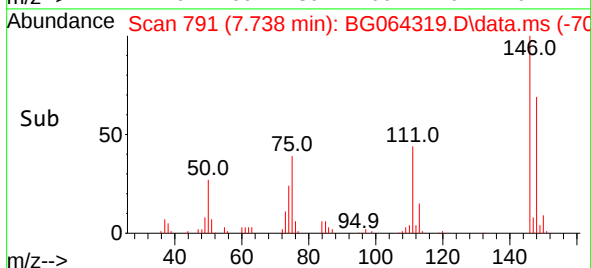
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

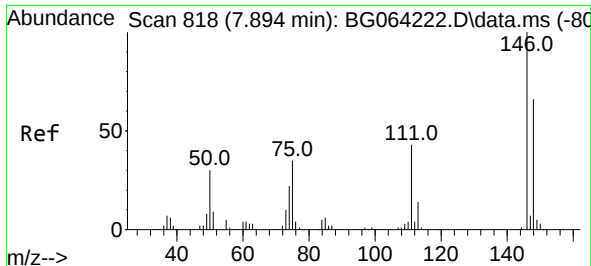


#12
1,3-Dichlorobenzene
Concen: 35.924 ng
RT: 7.738 min Scan# 791
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38



Tgt Ion:146 Resp: 63374
Ion Ratio Lower Upper
146 100
148 69.2 49.6 74.4
75 38.9 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 36.614 ng

RT: 7.885 min Scan# 818

Delta R.T. -0.009 min

Lab File: BG064319.D

Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

ClientSampleId :

PB169593BS

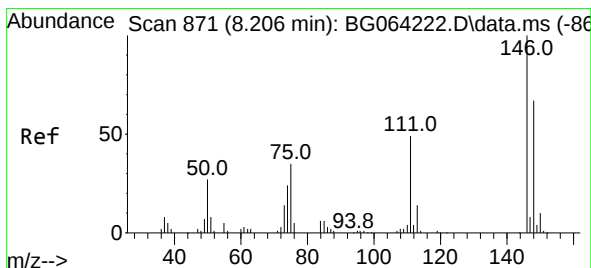
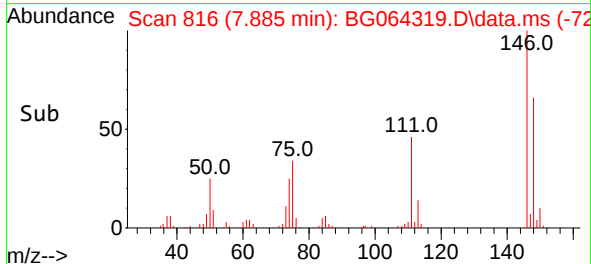
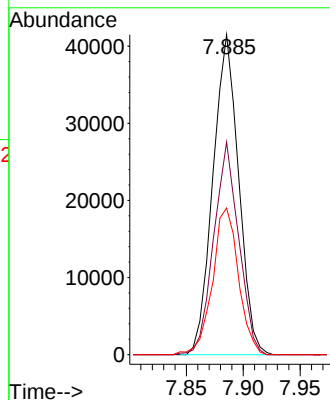
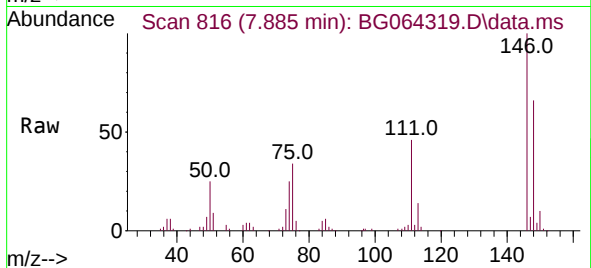
Tgt Ion:146	Resp:	6518
Ion Ratio	Lower	Upper
146	100	
148	66.4	52.8 79.2
111	45.8	34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#14

1,2-Dichlorobenzene

Concen: 36.606 ng

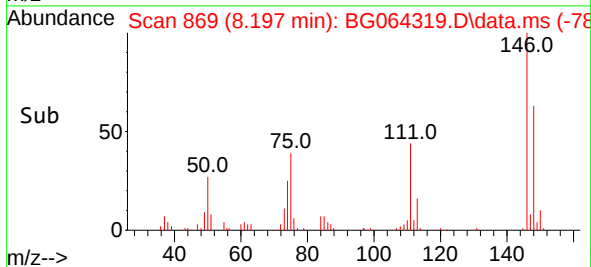
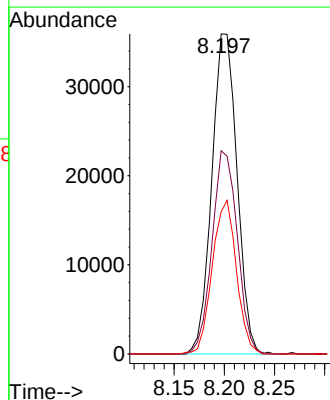
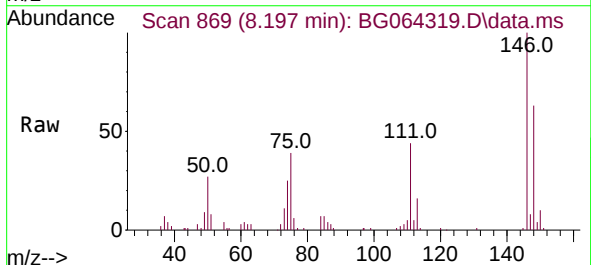
RT: 8.197 min Scan# 869

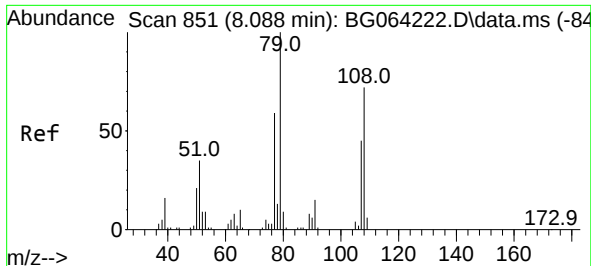
Delta R.T. -0.015 min

Lab File: BG064319.D

Acq: 9 Sep 2025 11:38

Tgt Ion:146	Resp:	62901
Ion Ratio	Lower	Upper
146	100	
148	63.5	53.4 80.0
111	44.4	39.1 58.7





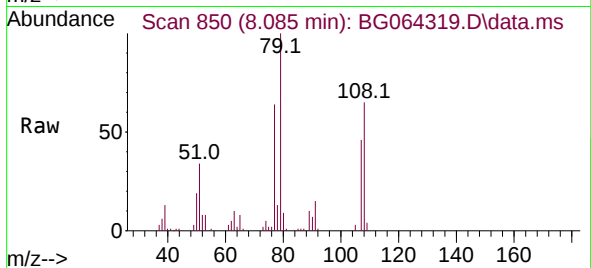
#15
Benzyl Alcohol
Concen: 35.382 ng
RT: 8.085 min Scan# 801
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

ClientSampleId :

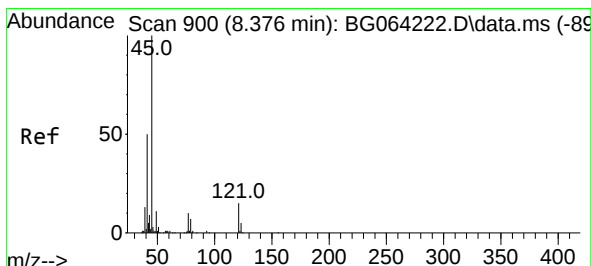
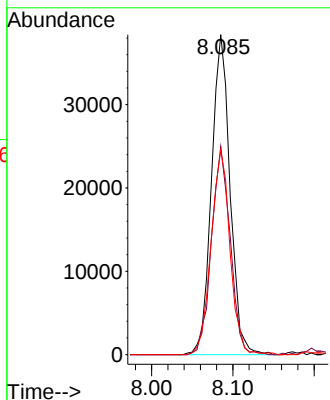
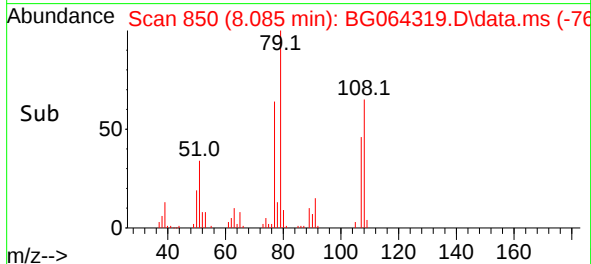
PB169593BS



Tgt Ion: 79 Resp: 60872
Ion Ratio Lower Upper
79 100
108 65.0 57.4 86.0
77 63.9 47.2 70.8

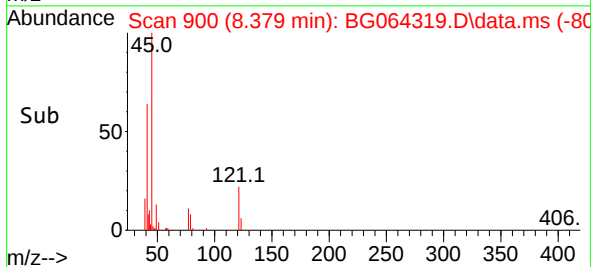
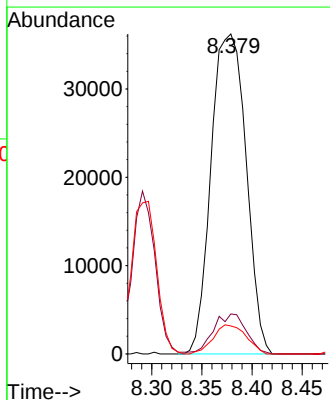
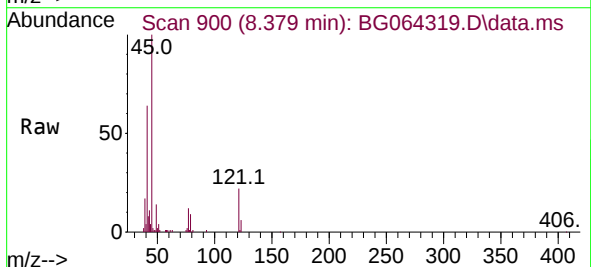
Manual Integrations
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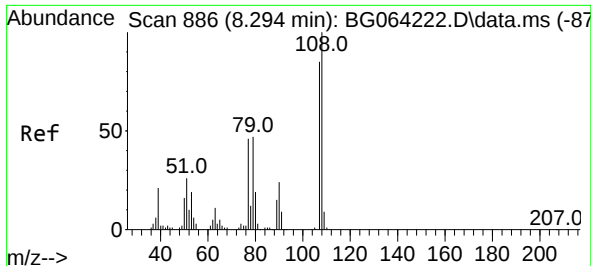
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.919 ng
RT: 8.379 min Scan# 900
Delta R.T. 0.003 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Tgt Ion: 45 Resp: 87871
Ion Ratio Lower Upper
45 100
77 12.5 0.0 30.0
79 9.2 0.0 27.9





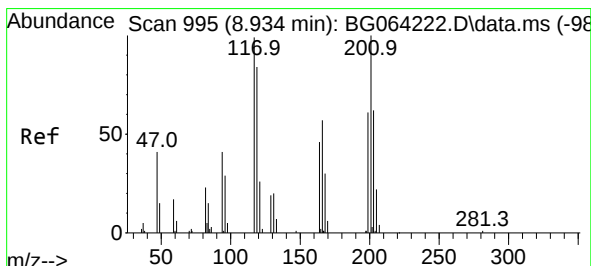
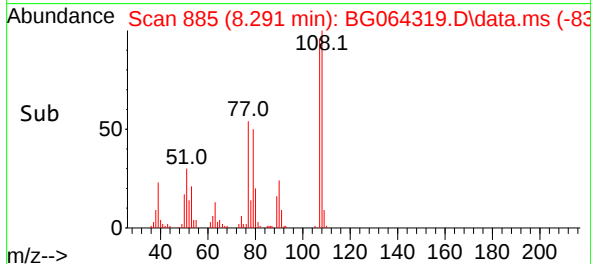
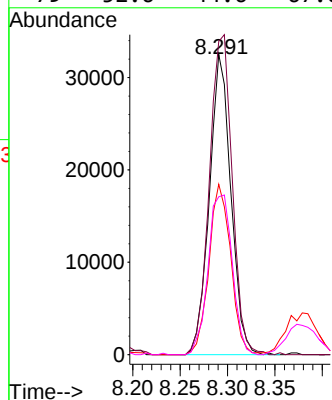
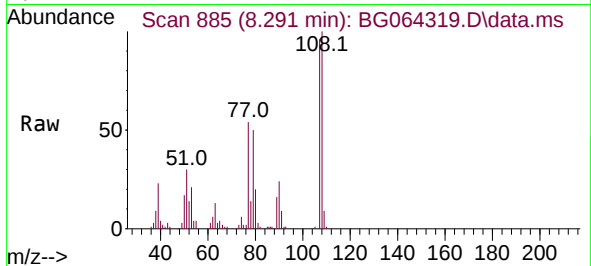
#17
2-Methylphenol
Concen: 33.572 ng
RT: 8.291 min Scan# 886
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :
BNA_G
ClientSampleId :
PB169593BS

Tgt Ion:	107	Resp:	51428
Ion	Ratio	Lower	Upper
107	100		
108	104.3	94.6	141.8
77	56.7	43.7	65.5
79	52.6	44.6	67.0

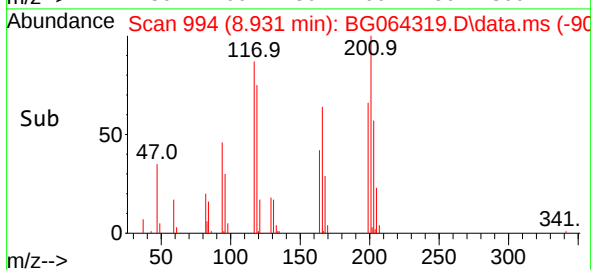
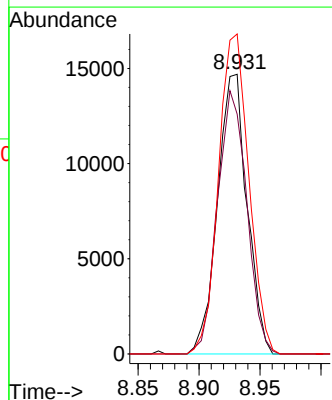
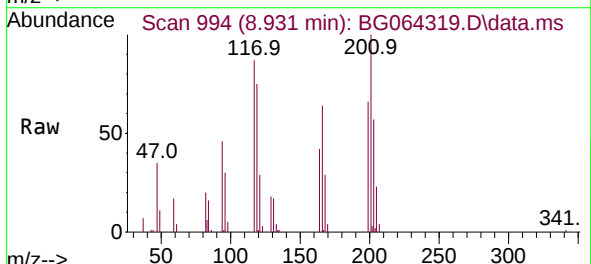
Manual Integrations
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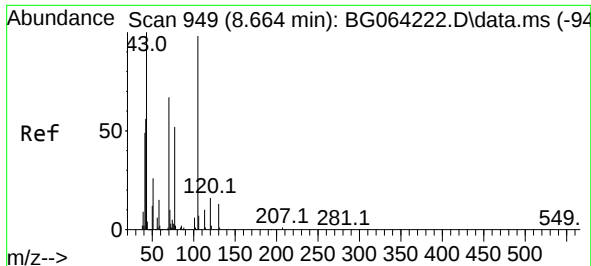
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#18
Hexachloroethane
Concen: 35.646 ng
RT: 8.931 min Scan# 994
Delta R.T. -0.003 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

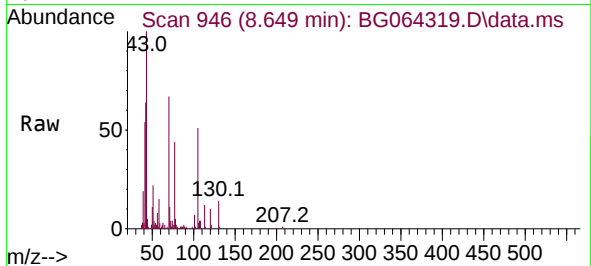
Tgt Ion:	117	Resp:	24773
Ion	Ratio	Lower	Upper
117	100		
119	85.7	67.9	101.9
201	114.4	80.5	120.7





#19
n-Nitroso-di-n-propylamine
Concen: 31.322 ng
RT: 8.649 min Scan# 94
Delta R.T. -0.015 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

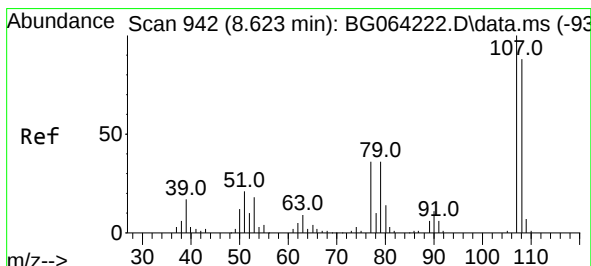
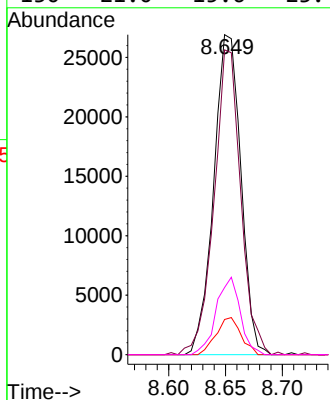
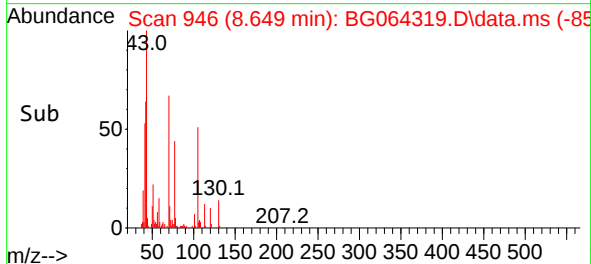
Instrument :
BNA_G
ClientSampleId :
PB169593BS



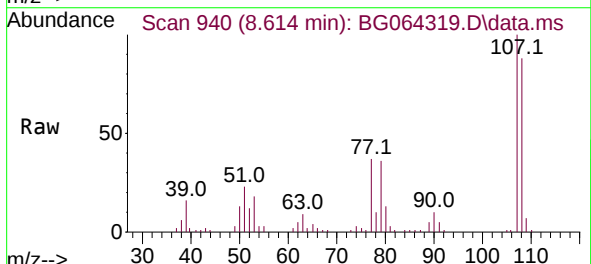
Tgt Ion: 70 Resp: 4469
Ion Ratio Lower Upper
70 100
42 95.2 67.9 101.9
101 11.0 7.3 10.9
130 21.0 15.6 23.4

Manual Integrations
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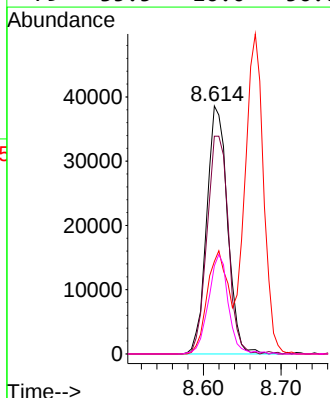
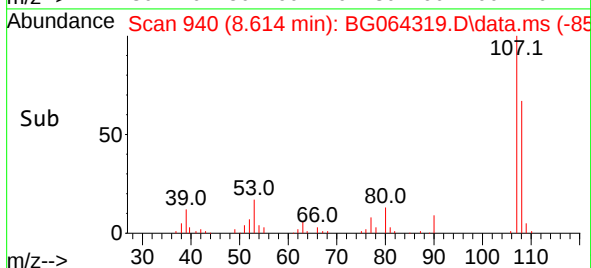
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

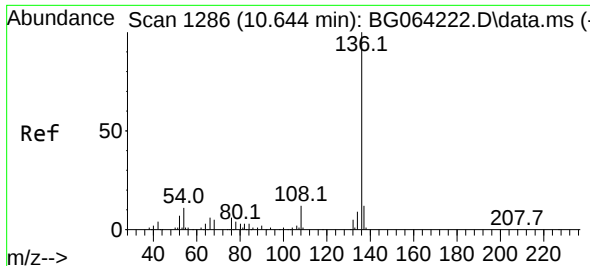


#20
3+4-Methylphenols
Concen: 33.843 ng
RT: 8.614 min Scan# 940
Delta R.T. -0.015 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38



Tgt Ion:107 Resp: 72035
Ion Ratio Lower Upper
107 100
108 87.8 68.1 108.1
77 37.3 15.9 55.9
79 35.5 16.0 56.0





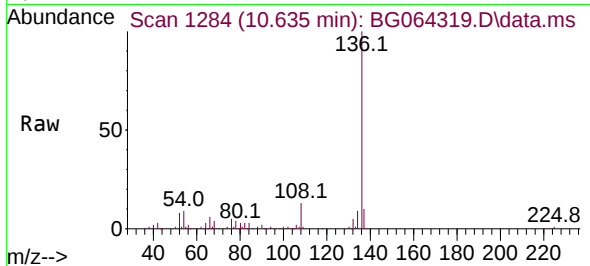
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.635 min Scan# 1284
Delta R.T. -0.015 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

ClientSampleId :

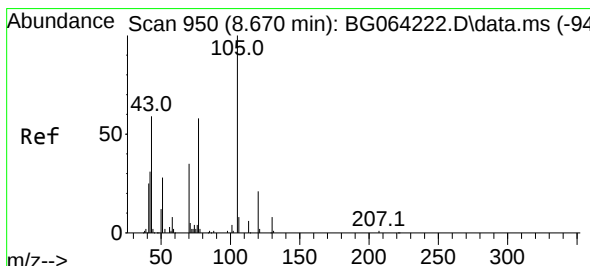
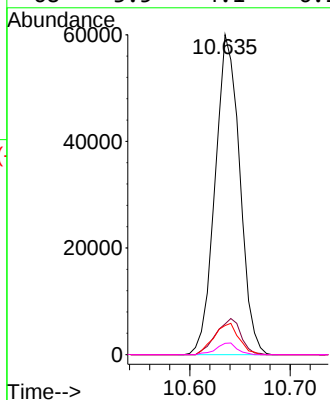
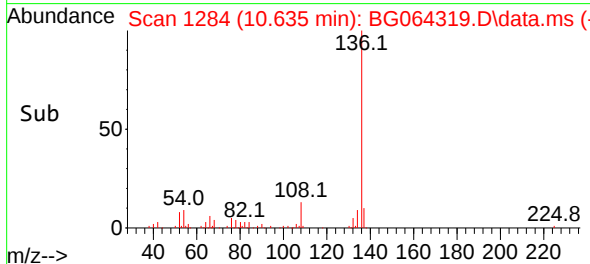
PB169593BS



Tgt Ion:136 Resp: 102315
Ion Ratio Lower Upper
136 100
137 9.6 9.6 14.4
54 9.1 8.8 13.2
68 3.5 4.1 6.1#

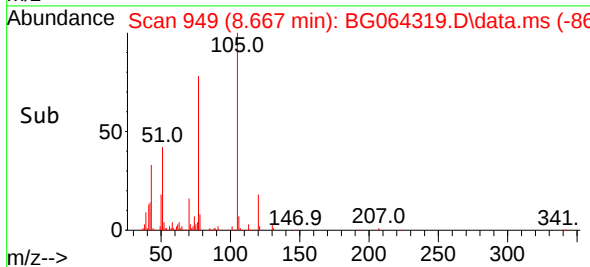
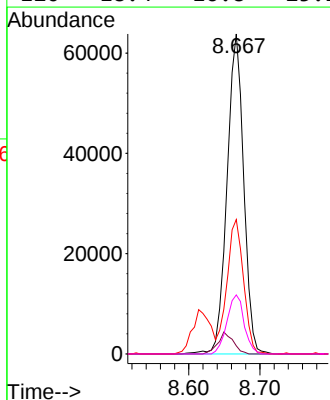
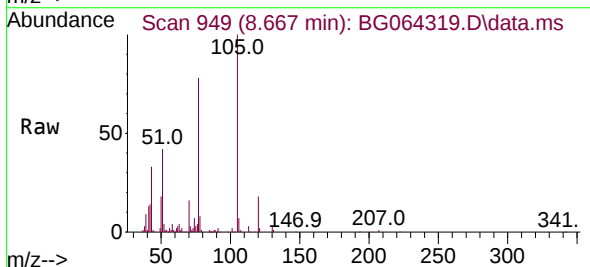
Manual Integrations
APPROVED

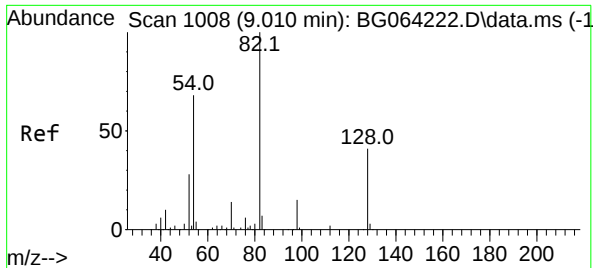
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#22
Acetophenone
Concen: 40.157 ng
RT: 8.667 min Scan# 949
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Tgt Ion:105 Resp: 103944
Ion Ratio Lower Upper
105 100
71 2.5 4.3 6.5#
51 42.0 32.4 48.6
120 18.4 16.8 25.2





#23

Nitrobenzene-d5

Concen: 77.498 ng

RT: 9.002 min Scan# 1006

Delta R.T. -0.015 min

Lab File: BG064319.D

Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

ClientSampleId :

PB169593BS

Tgt Ion: 82 Resp: 142176

Ion Ratio Lower Upper

82 100

128 39.8 32.6 48.8

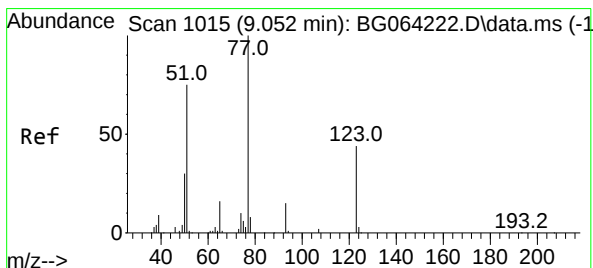
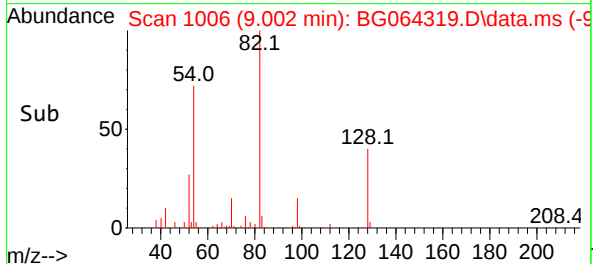
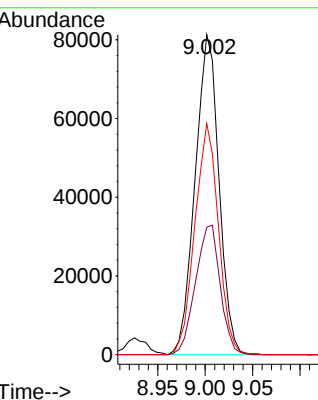
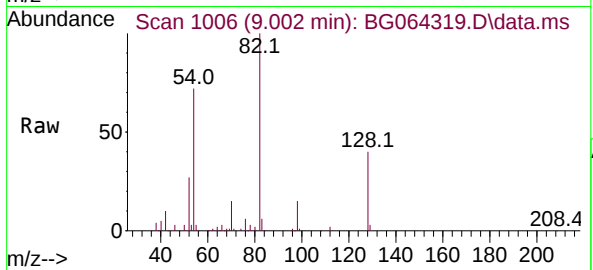
54 72.2 54.7 82.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#24

Nitrobenzene

Concen: 36.238 ng

RT: 9.043 min Scan# 1013

Delta R.T. -0.015 min

Lab File: BG064319.D

Acq: 9 Sep 2025 11:38

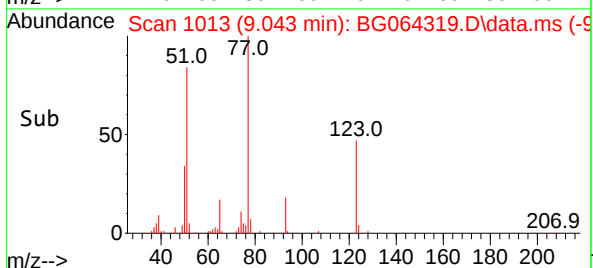
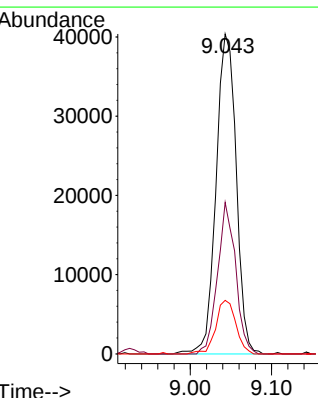
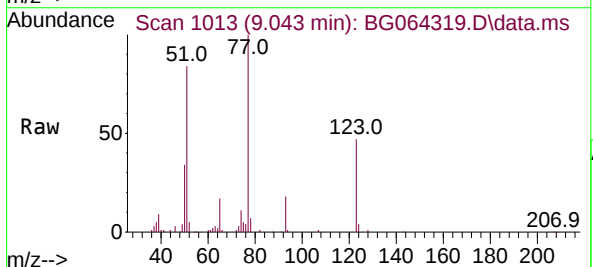
Tgt Ion: 77 Resp: 69461

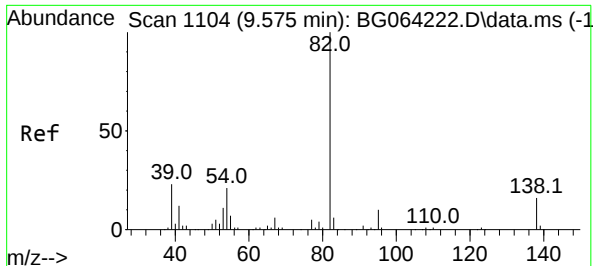
Ion Ratio Lower Upper

77 100

123 47.3 35.2 52.8

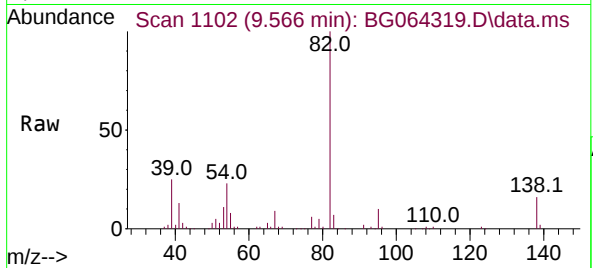
65 16.7 12.6 19.0





#25
Isophorone
Concen: 33.359 ng
RT: 9.566 min Scan# 1102
Delta R.T. -0.021 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

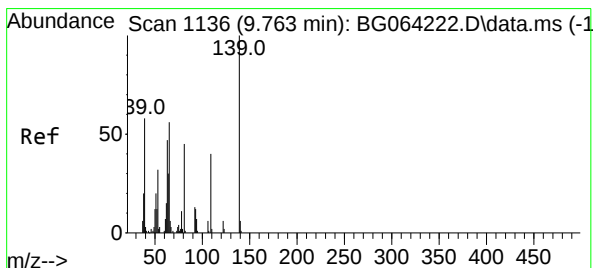
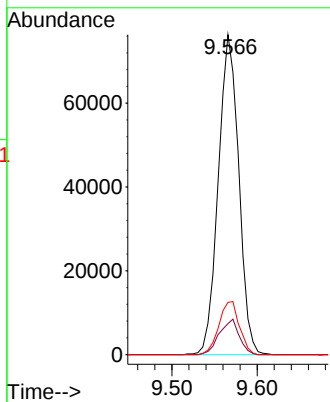
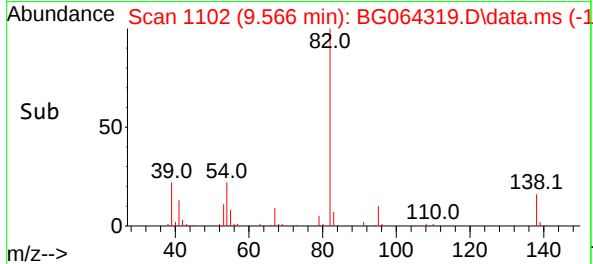
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion: 82 Resp: 127192
Ion Ratio Lower Upper
82 100
95 9.7 7.9 11.9
138 16.3 13.0 19.4

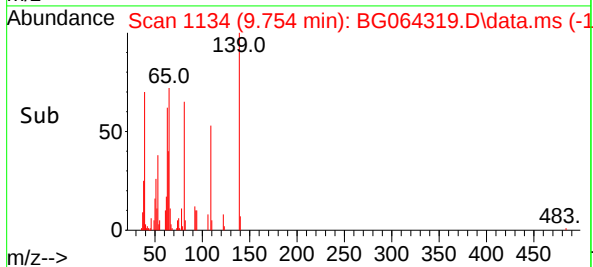
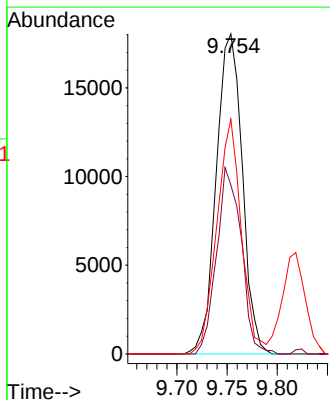
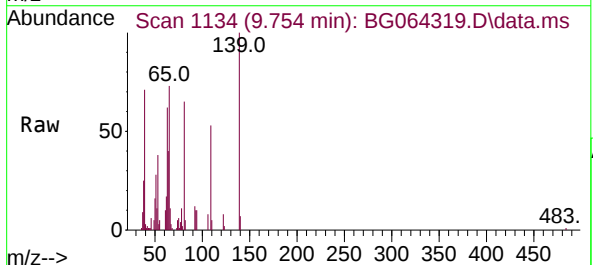
Manual Integrations
APPROVED

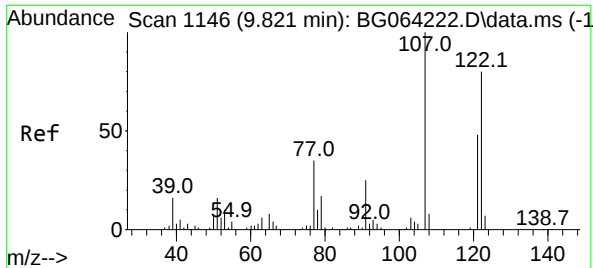
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#26
2-Nitrophenol
Concen: 39.350 ng
RT: 9.754 min Scan# 1134
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Tgt Ion:139 Resp: 32591
Ion Ratio Lower Upper
139 100
109 52.8 32.4 48.6#
65 73.3 44.6 67.0#





#27
2,4-Dimethylphenol
Concen: 42.944 ng
RT: 9.818 min Scan# 1145
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

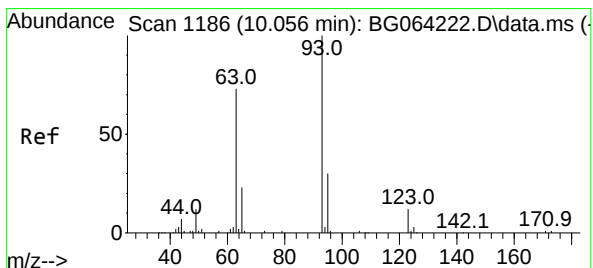
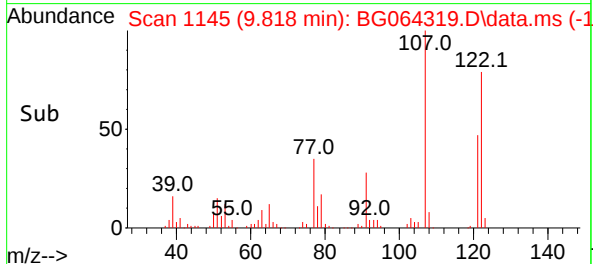
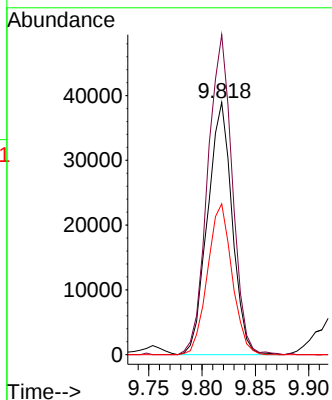
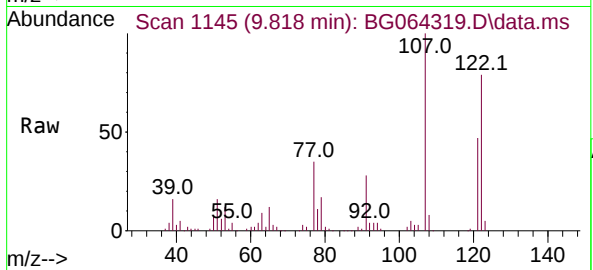
ClientSampleId :

PB169593BS

Tgt Ion:122 Resp: 62445
Ion Ratio Lower Upper
122 100
107 126.9 99.9 149.9
121 59.8 48.6 72.8

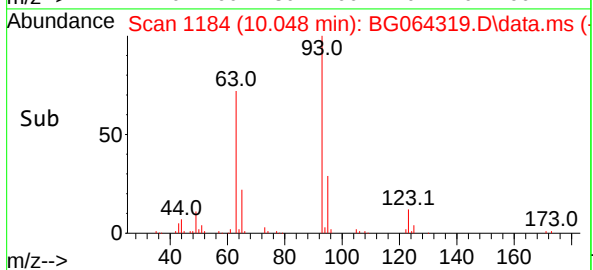
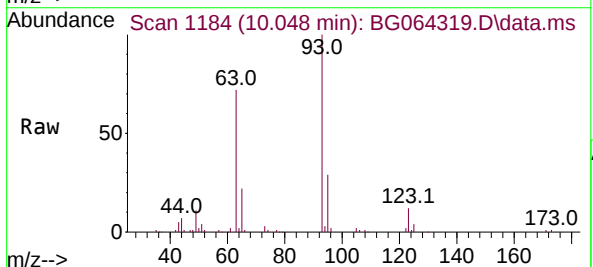
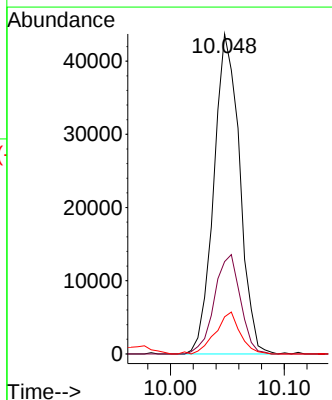
Manual Integrations
APPROVED

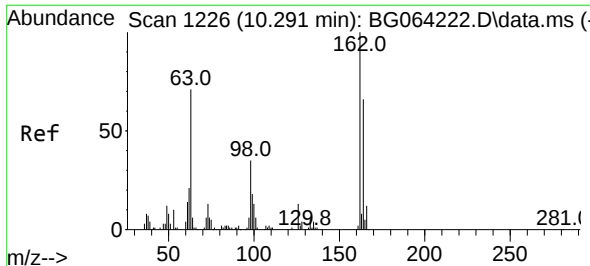
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#28
bis(2-Chloroethoxy)methane
Concen: 33.486 ng
RT: 10.048 min Scan# 1184
Delta R.T. -0.015 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

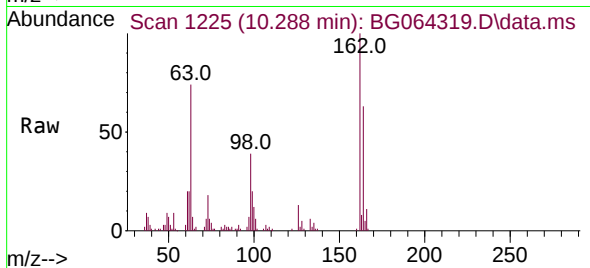
Tgt Ion: 93 Resp: 68845
Ion Ratio Lower Upper
93 100
95 28.8 23.9 35.9
123 11.6 9.6 14.4





#29
2,4-Dichlorophenol
Concen: 40.634 ng
RT: 10.288 min Scan# 1225
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

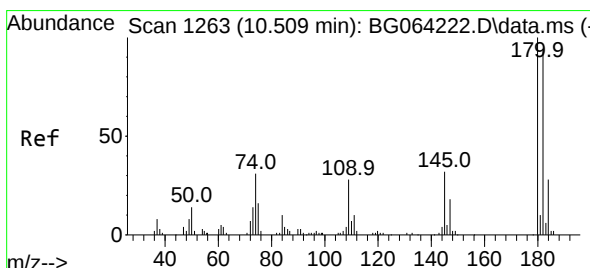
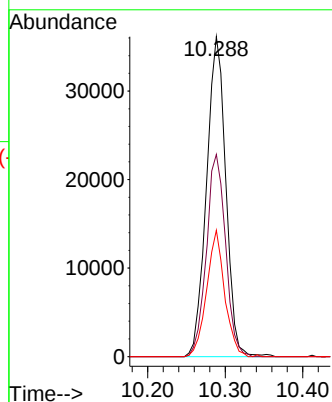
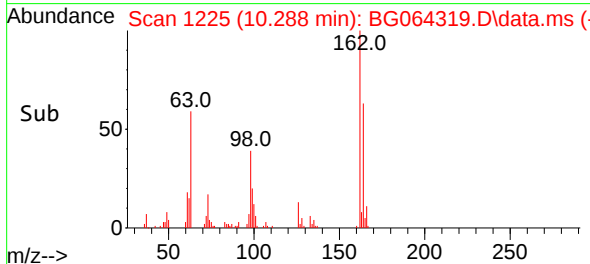
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:162 Resp: 62344
Ion Ratio Lower Upper
162 100
164 63.2 45.8 85.8
98 39.5 15.2 55.2

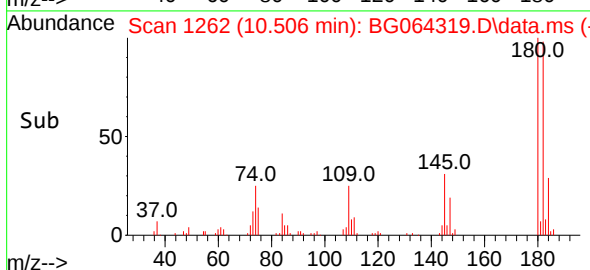
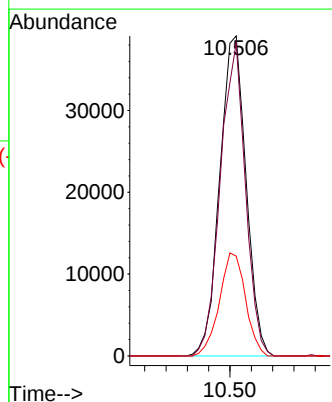
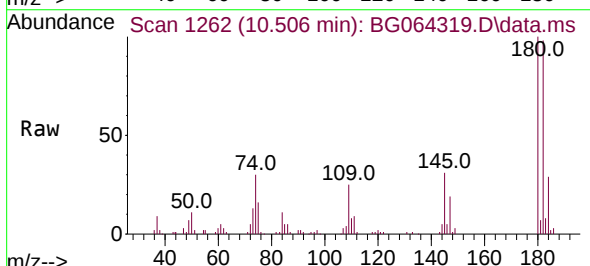
Manual Integrations
APPROVED

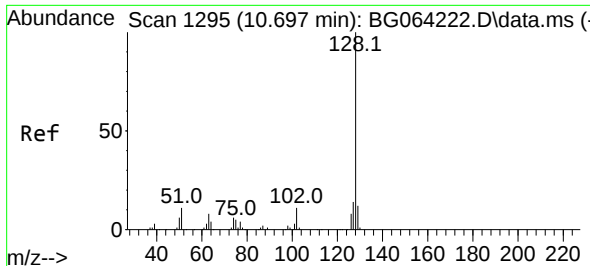
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#30
1,2,4-Trichlorobenzene
Concen: 41.521 ng
RT: 10.506 min Scan# 1262
Delta R.T. -0.003 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

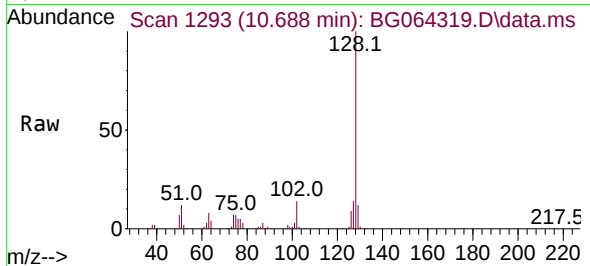
Tgt Ion:180 Resp: 67169
Ion Ratio Lower Upper
180 100
182 97.8 75.0 112.6
145 31.2 25.4 38.0





#31
Naphthalene
Concen: 35.720 ng
RT: 10.688 min Scan# 1170
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

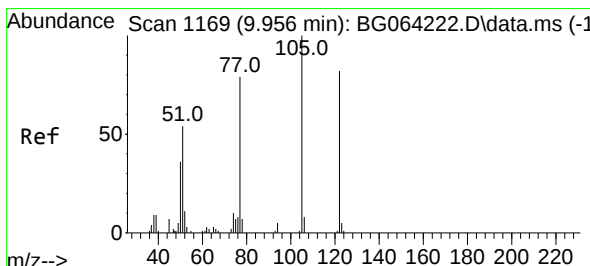
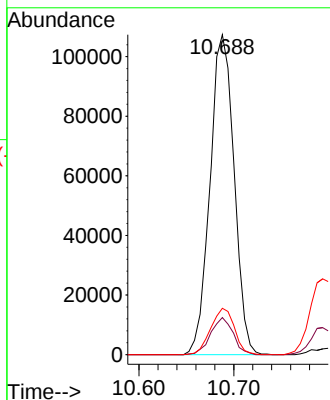
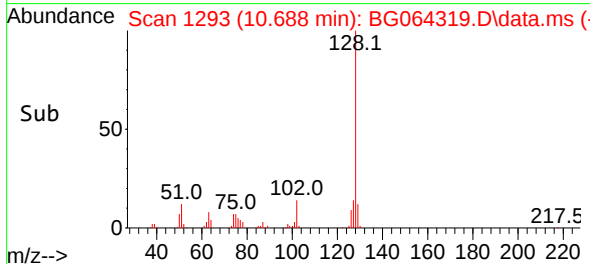
Instrument :
BNA_G
ClientSampleId :
PB169593BS



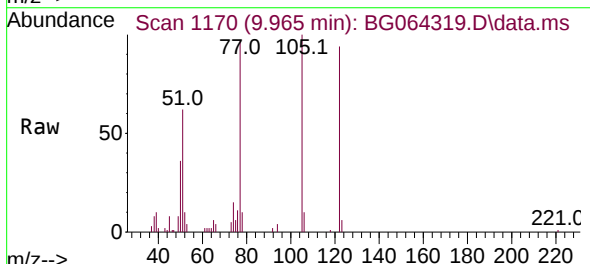
Tgt Ion:128 Resp: 189516
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 14.5 10.9 16.3

Manual Integrations
APPROVED

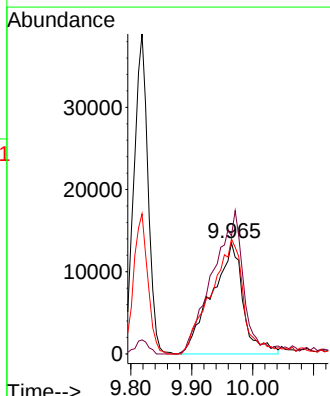
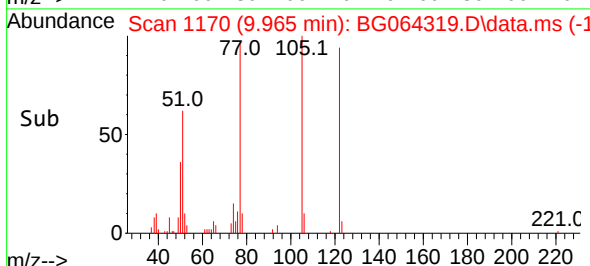
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

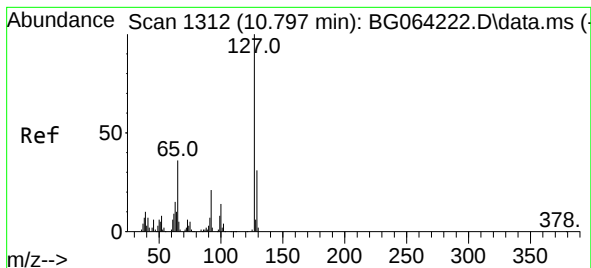


#32
Benzoic acid
Concen: 41.805 ng
RT: 9.965 min Scan# 1170
Delta R.T. -0.050 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38



Tgt Ion:122 Resp: 48255
Ion Ratio Lower Upper
122 100
105 106.4 98.5 138.5
77 103.6 74.6 114.6





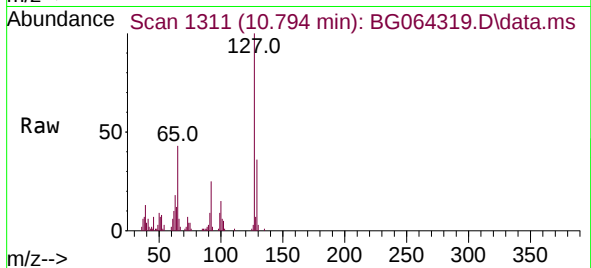
#33
4-Chloroaniline
Concen: 24.493 ng
RT: 10.794 min Scan# 1311
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

ClientSampleId :

PB169593BS



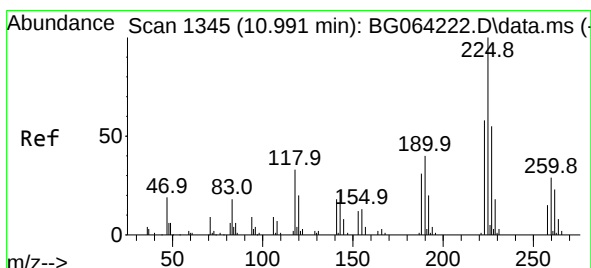
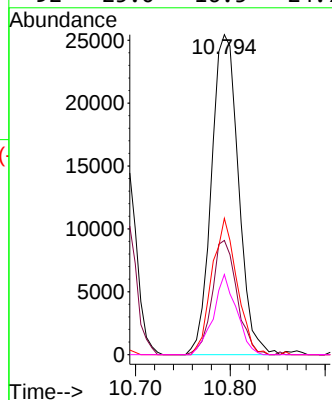
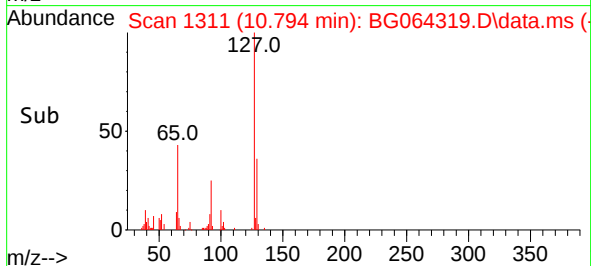
Tgt Ion	Ratio	Lower	Upper
127	100		
129	35.7	25.0	37.4
65	42.6	28.7	43.1
92	25.0	16.5	24.7

Manual Integrations

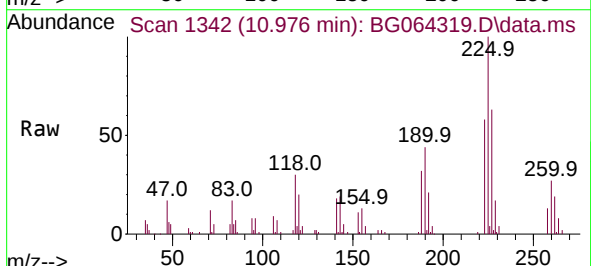
APPROVED

Reviewed By :Rahul Chavli 09/10/2025

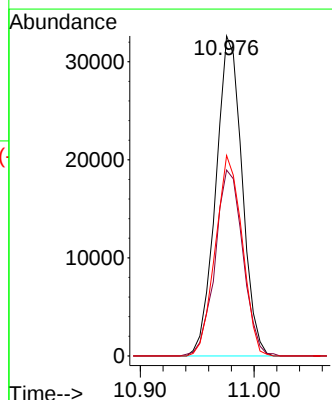
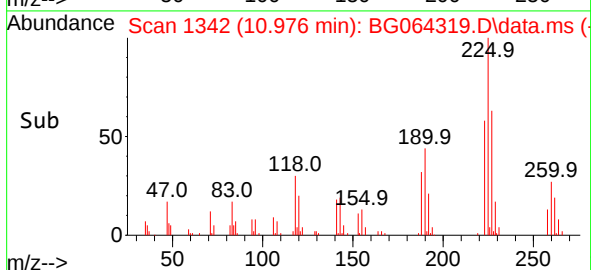
Supervised By :Jagrut Upadhyay 09/10/2025

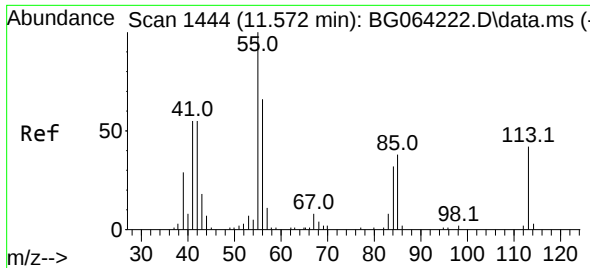


#34
Hexachlorobutadiene
Concen: 43.740 ng
RT: 10.976 min Scan# 1342
Delta R.T. -0.015 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38



Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.1	46.5	69.7
227	62.6	44.1	66.1





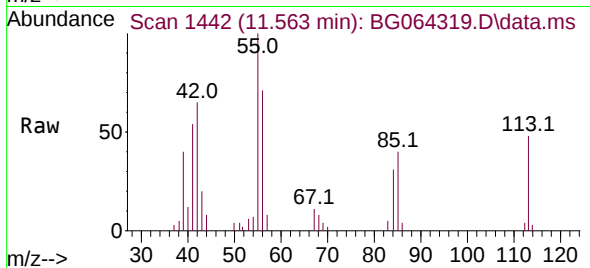
#35
 Caprolactam
 Concen: 35.705 ng m
 RT: 11.563 min Scan# 14
 Delta R.T. -0.038 min
 Lab File: BG064319.D
 Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

ClientSampleId :

PB169593BS

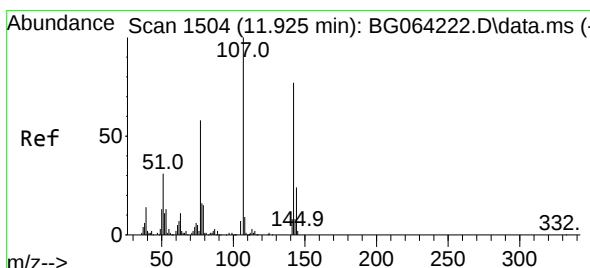
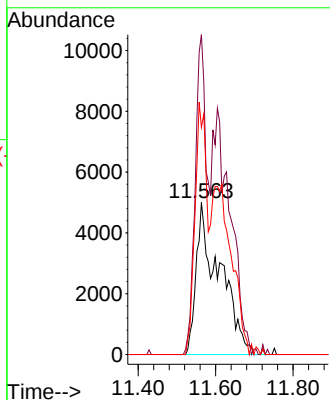
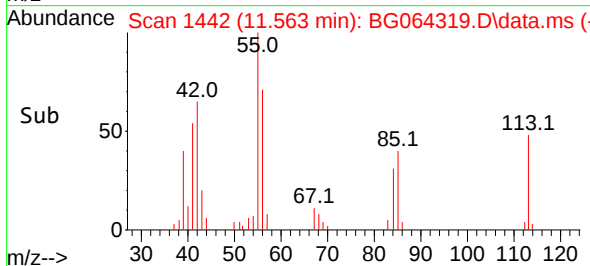


Tgt Ion:113 Resp: 21212
 Ion Ratio Lower Upper
 113 100
 55 210.5 218.5 258.5
 56 149.5 138.5 178.5

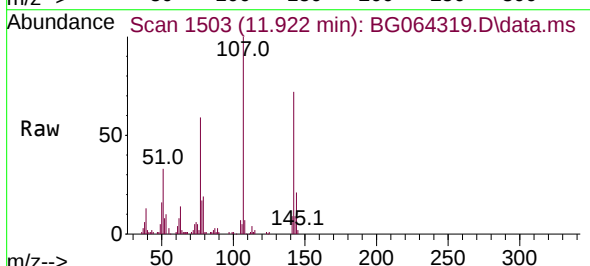
Manual Integrations

APPROVED

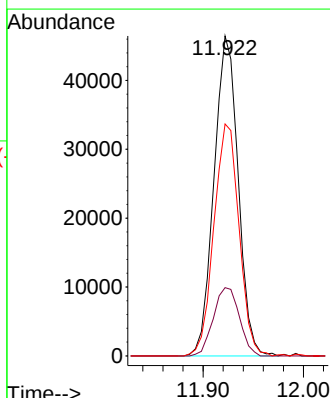
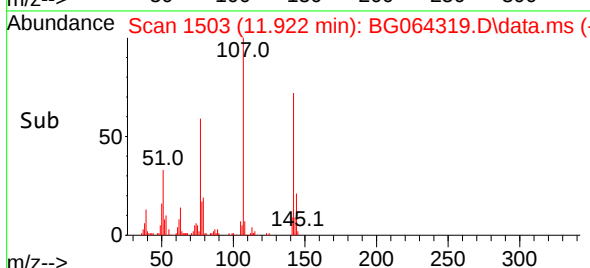
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

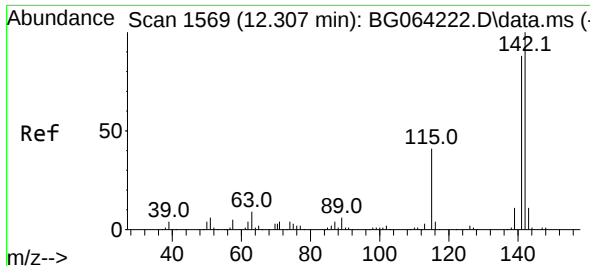


#36
 4-Chloro-3-methylphenol
 Concen: 39.054 ng
 RT: 11.922 min Scan# 1503
 Delta R.T. -0.009 min
 Lab File: BG064319.D
 Acq: 9 Sep 2025 11:38



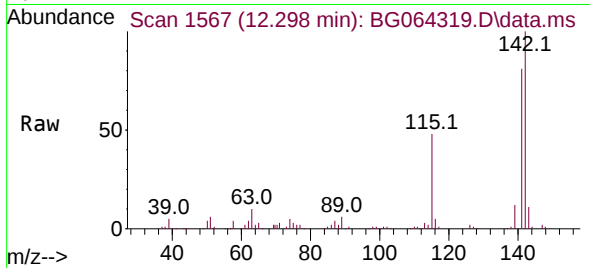
Tgt Ion:107 Resp: 77744
 Ion Ratio Lower Upper
 107 100
 144 21.3 19.5 29.3
 142 72.5 62.0 93.0





#37
2-Methylnaphthalene
Concen: 34.124 ng
RT: 12.298 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

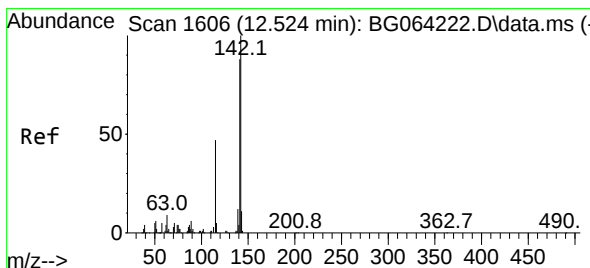
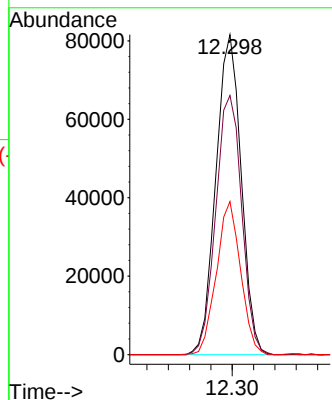
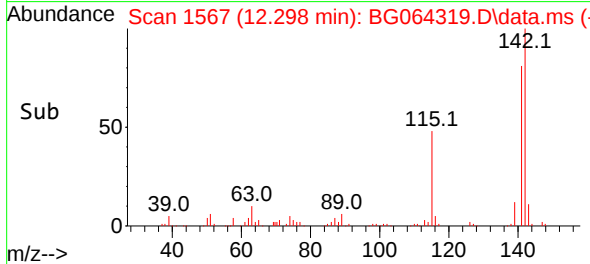
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:142 Resp: 134572
Ion Ratio Lower Upper
142 100
141 81.0 70.1 105.1
115 47.8 33.1 49.7

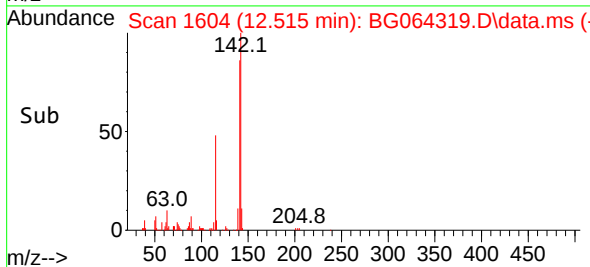
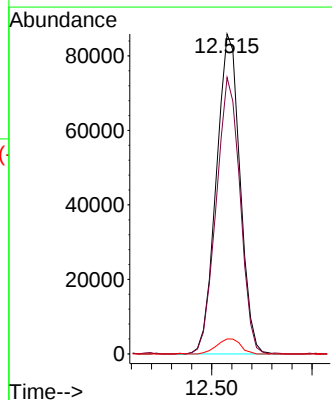
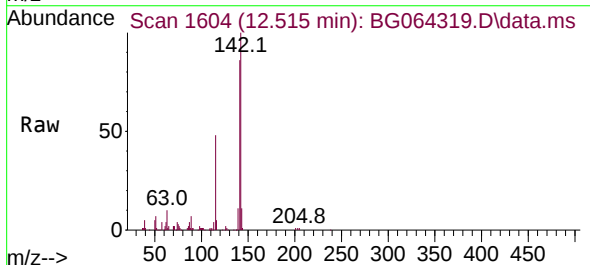
Manual Integrations
APPROVED

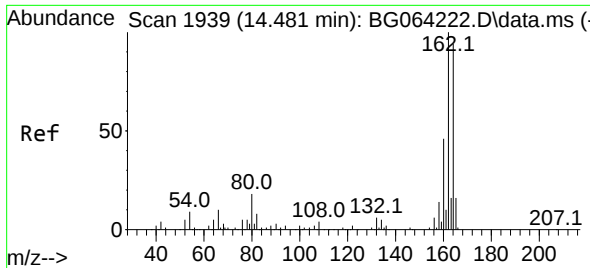
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#38
1-Methylnaphthalene
Concen: 36.166 ng
RT: 12.515 min Scan# 1604
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

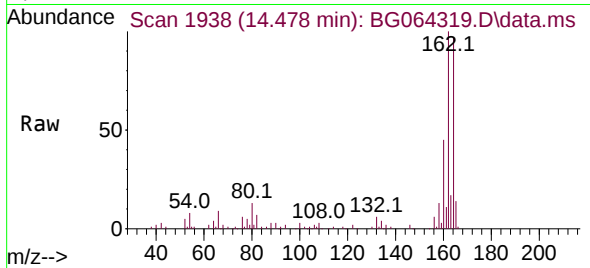
Tgt Ion:142 Resp: 140876
Ion Ratio Lower Upper
142 100
141 86.4 70.3 105.5
116 4.7 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.478 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

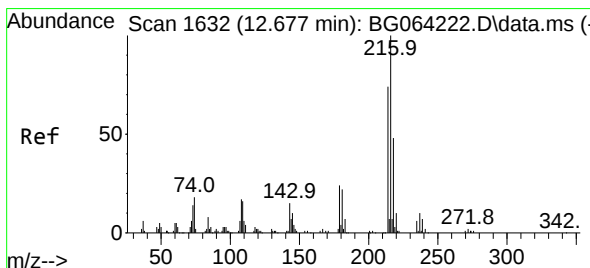
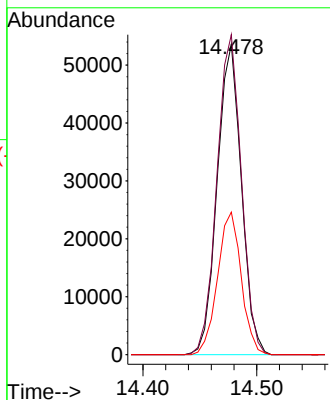
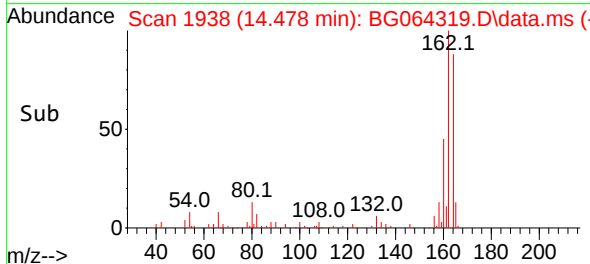
Instrument :
BNA_G
ClientSampleId :
PB169593BS



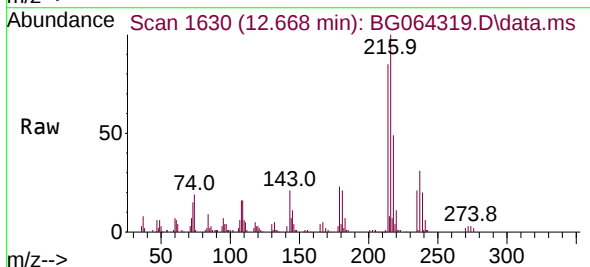
Tgt Ion:164 Resp: 78998
Ion Ratio Lower Upper
164 100
162 103.1 85.4 128.0
160 45.9 39.2 58.8

Manual Integrations
APPROVED

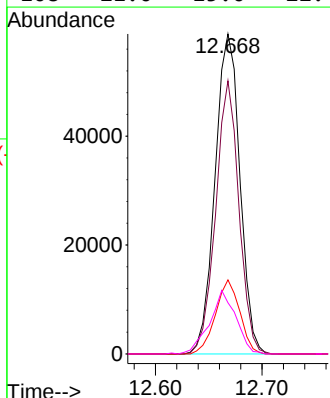
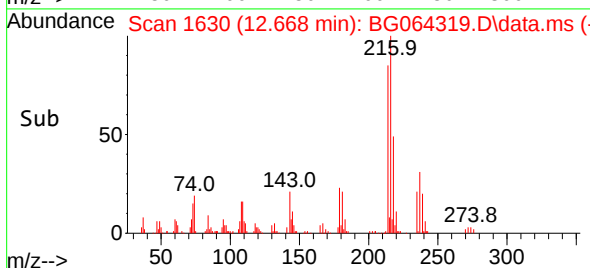
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

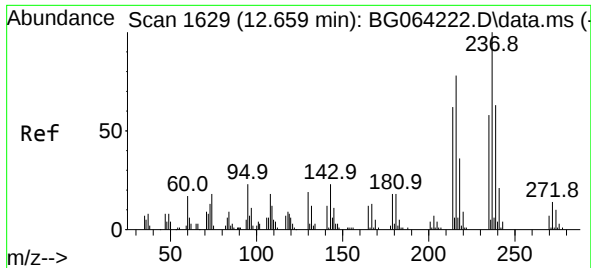


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.799 ng
RT: 12.668 min Scan# 1630
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38



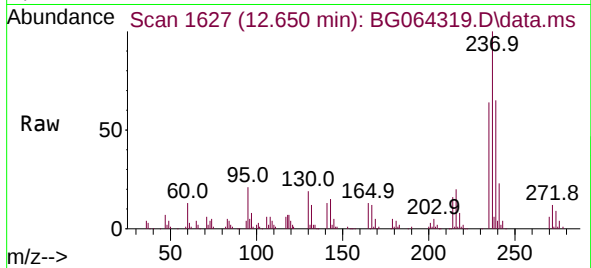
Tgt Ion:216 Resp: 95275
Ion Ratio Lower Upper
216 100
214 79.8 61.9 92.9
179 22.6 17.9 26.9
108 21.0 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 115.212 ng
RT: 12.650 min Scan# 1627
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

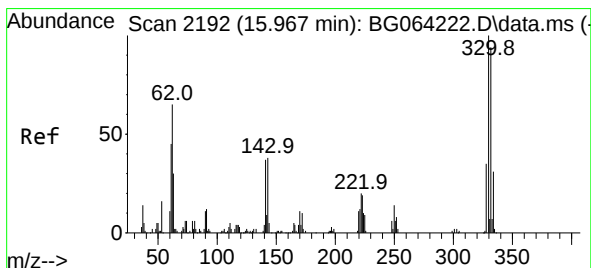
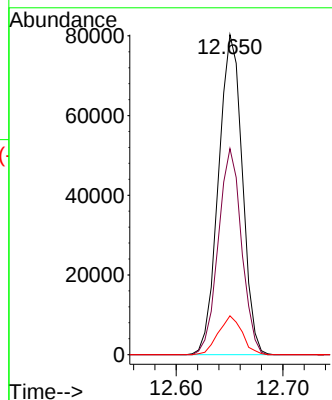
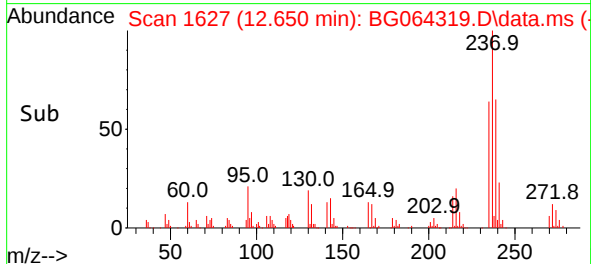
Instrument :
BNA_G
ClientSampleId :
PB169593BS



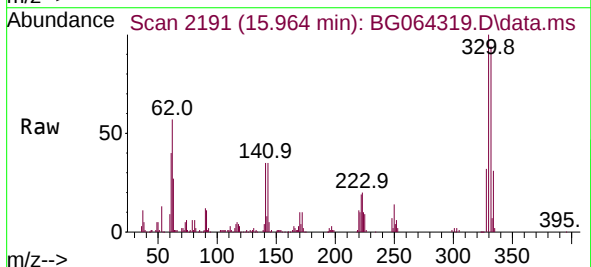
Tgt Ion:237 Resp: 124809
Ion Ratio Lower Upper
237 100
235 64.4 37.9 77.9
272 12.2 0.0 33.8

Manual Integrations
APPROVED

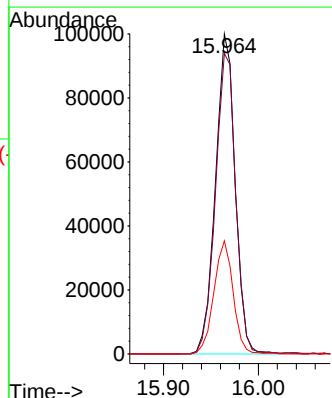
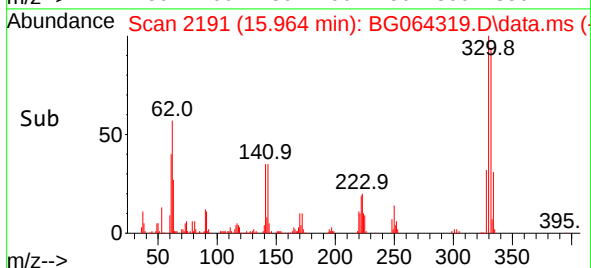
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

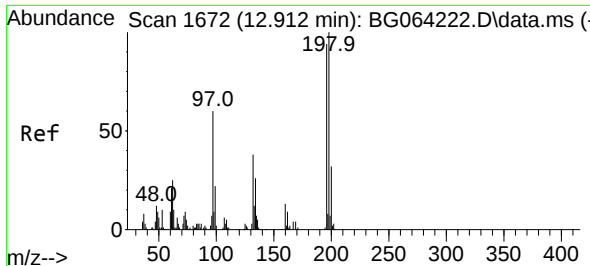


#42
2,4,6-Tribromophenol
Concen: 137.642 ng
RT: 15.964 min Scan# 2191
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38



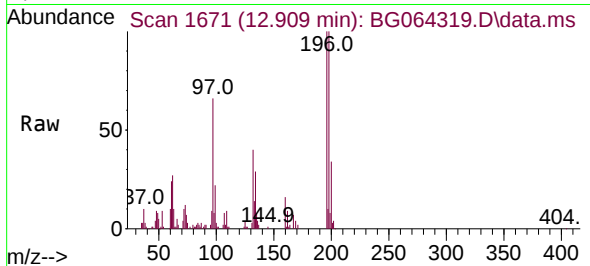
Tgt Ion:330 Resp: 144024
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 34.6 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 38.276 ng
RT: 12.909 min Scan# 1671
Delta R.T. -0.003 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

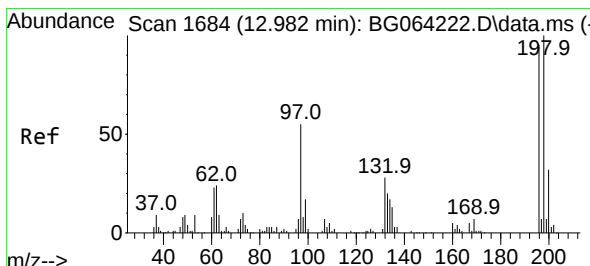
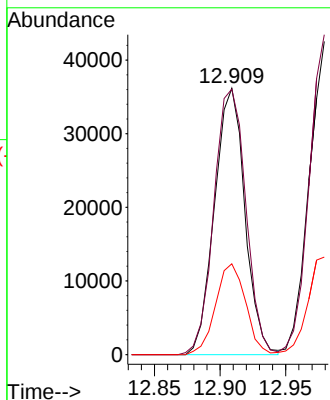
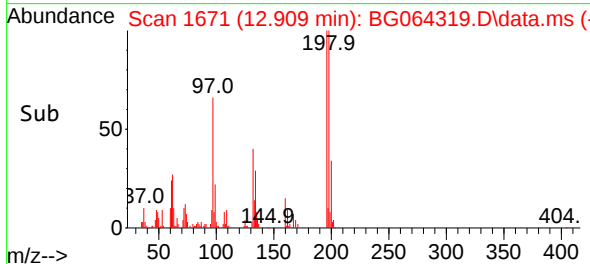
Instrument :
BNA_G
ClientSampleId :
PB169593BS



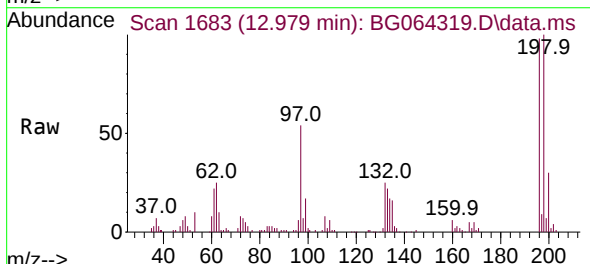
Tgt Ion:196 Resp: 58313
Ion Ratio Lower Upper
196 100
198 99.7 85.4 128.2
200 34.1 27.3 40.9

Manual Integrations
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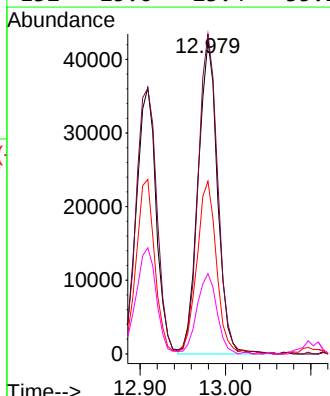
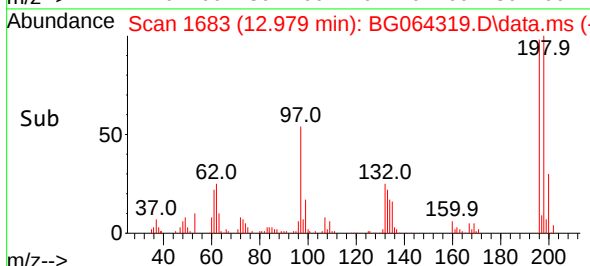
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

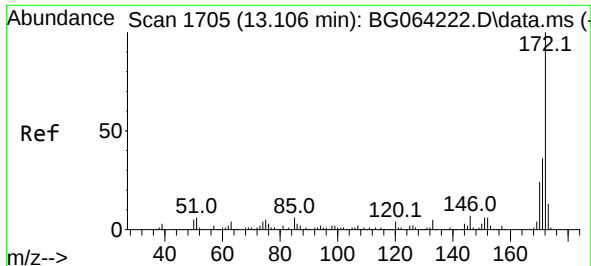


#44
2,4,5-Trichlorophenol
Concen: 40.759 ng
RT: 12.979 min Scan# 1683
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38



Tgt Ion:196 Resp: 67360
Ion Ratio Lower Upper
196 100
198 102.2 84.5 126.7
97 55.1 46.8 70.2
132 25.6 23.4 35.2





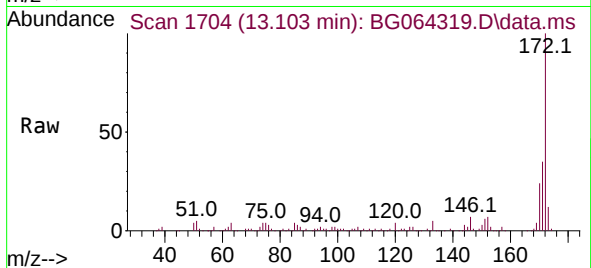
#45
2-Fluorobiphenyl
Concen: 73.329 ng
RT: 13.103 min Scan# 1704
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

ClientSampleId :

PB169593BS



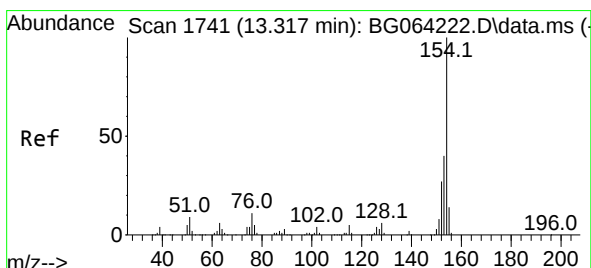
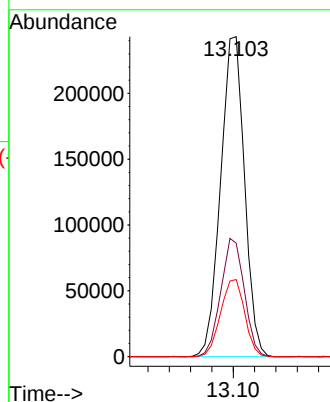
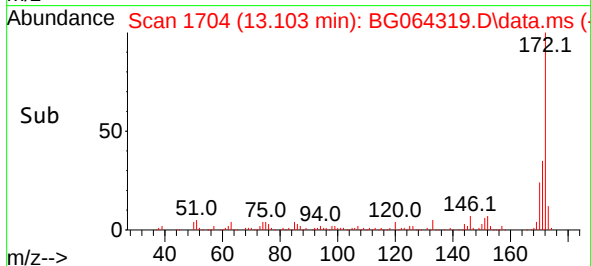
Tgt Ion:172 Resp: 379524
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 24.1 19.0 28.6

Manual Integrations

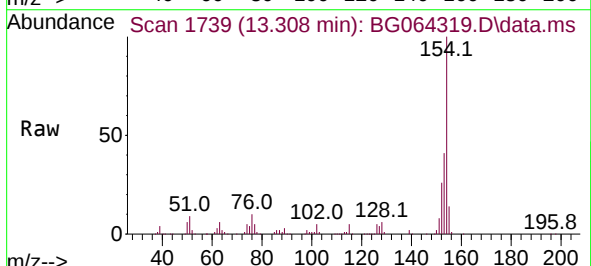
APPROVED

Reviewed By :Rahul Chavli 09/10/2025

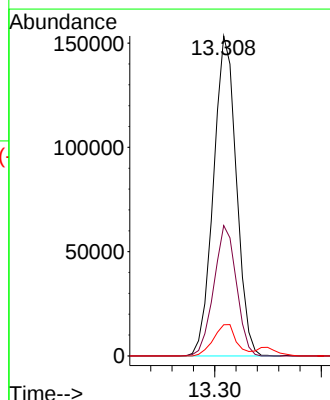
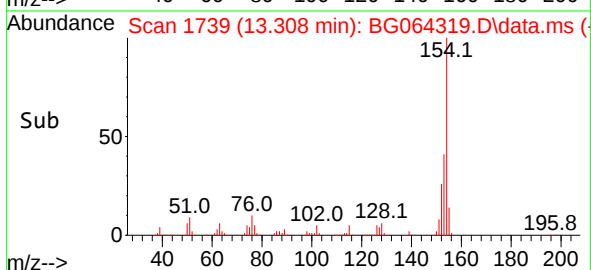
Supervised By :Jagrut Upadhyay 09/10/2025

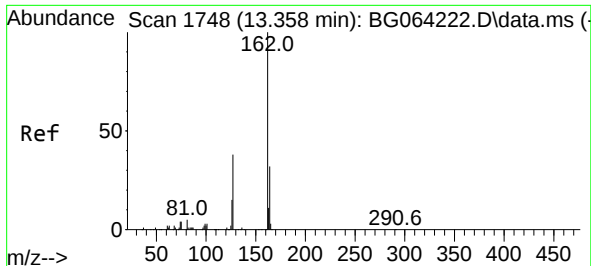


#46
1,1'-Biphenyl
Concen: 39.722 ng
RT: 13.308 min Scan# 1739
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38



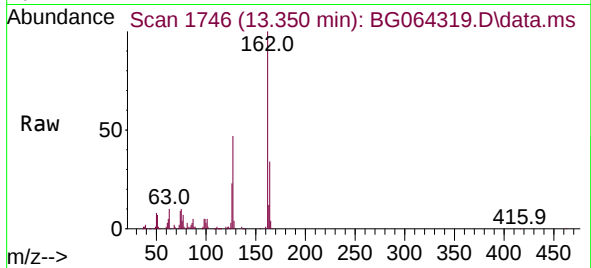
Tgt Ion:154 Resp: 228553
Ion Ratio Lower Upper
154 100
153 40.7 19.9 59.9
76 9.7 0.0 30.9





#47
2-Chloronaphthalene
Concen: 34.852 ng
RT: 13.350 min Scan# 1746
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

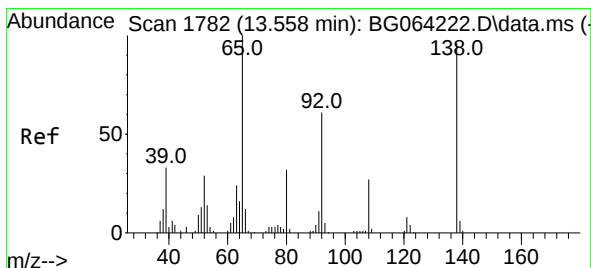
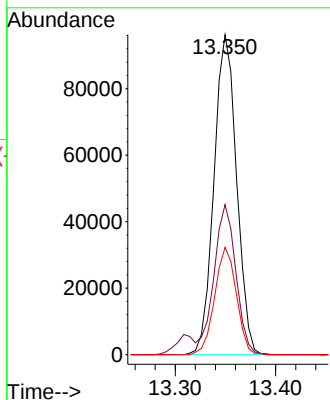
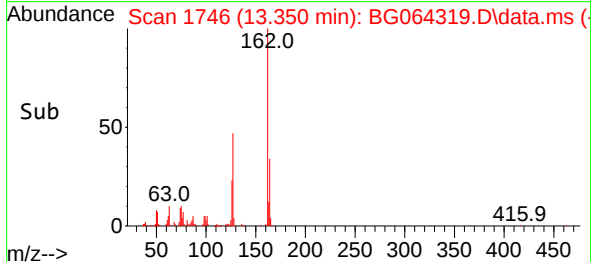
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:162 Resp: 150752
Ion Ratio Lower Upper
162 100
127 46.9 33.9 50.9
164 33.5 25.4 38.2

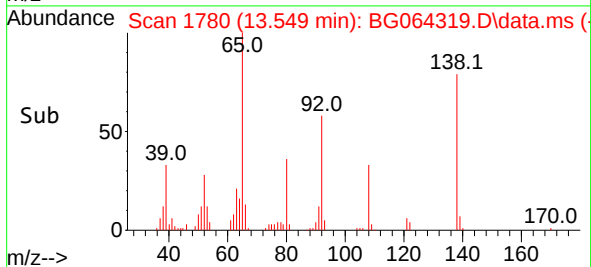
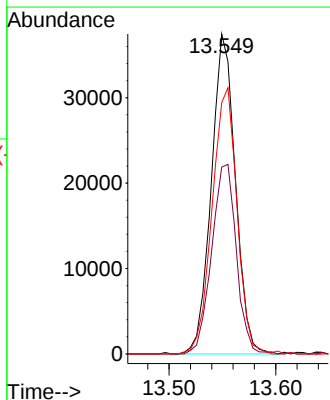
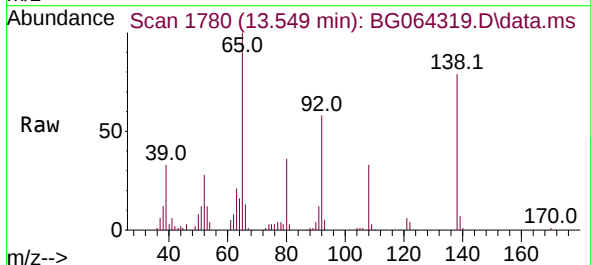
Manual Integrations
APPROVED

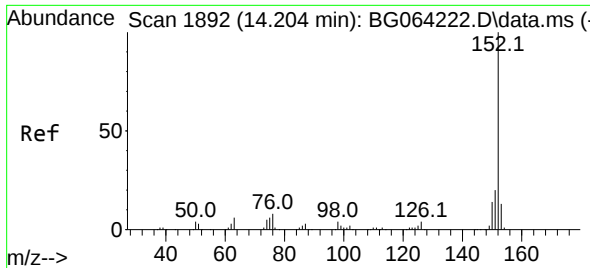
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#48
2-Nitroaniline
Concen: 39.835 ng
RT: 13.549 min Scan# 1780
Delta R.T. -0.015 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

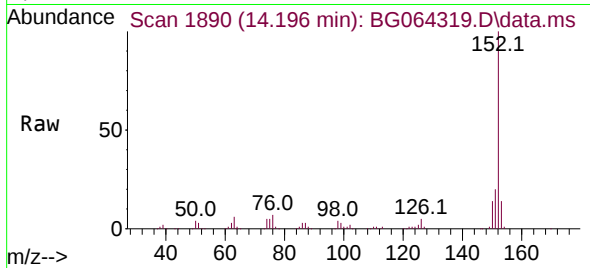
Tgt Ion: 65 Resp: 58730
Ion Ratio Lower Upper
65 100
92 58.4 49.2 73.8
138 78.5 76.8 115.2





#49
Acenaphthylene
Concen: 41.431 ng
RT: 14.196 min Scan# 1890
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

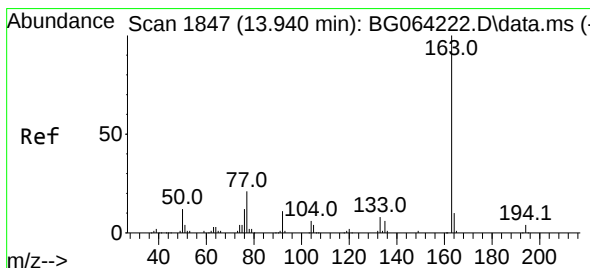
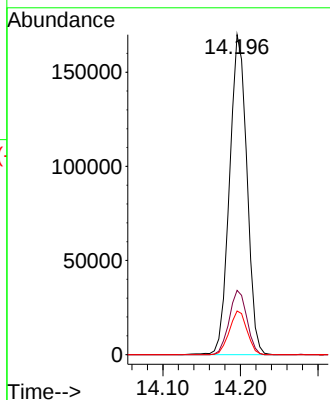
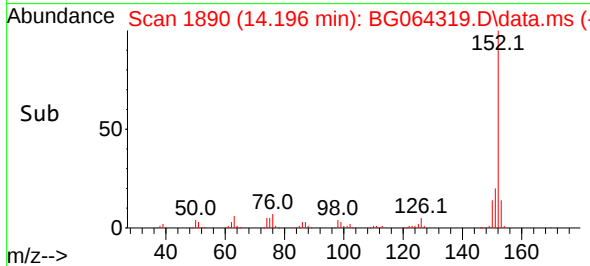
Instrument :
BNA_G
ClientSampleId :
PB169593BS



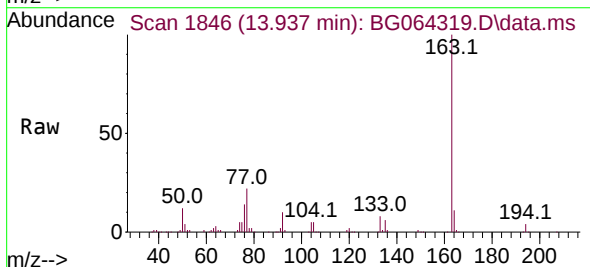
Tgt Ion:152 Resp: 264926
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.6 10.1 15.1

Manual Integrations
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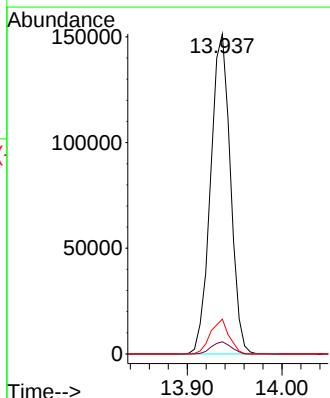
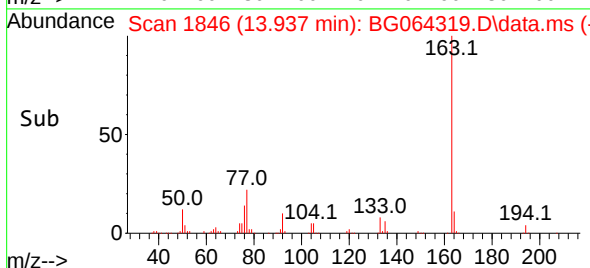
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

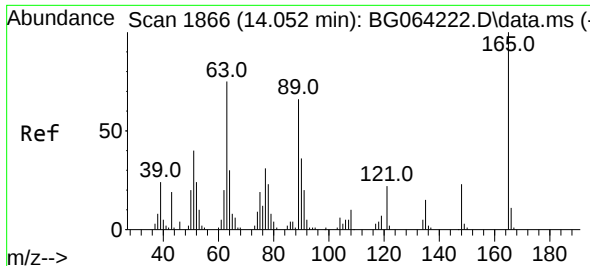


#50
Dimethylphthalate
Concen: 36.762 ng
RT: 13.937 min Scan# 1846
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38



Tgt Ion:163 Resp: 219817
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.9 7.9 11.9





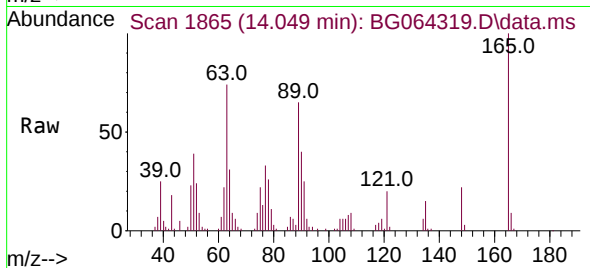
#51
2,6-Dinitrotoluene
Concen: 41.149 ng
RT: 14.049 min Scan# 1866
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

ClientSampleId :

PB169593BS

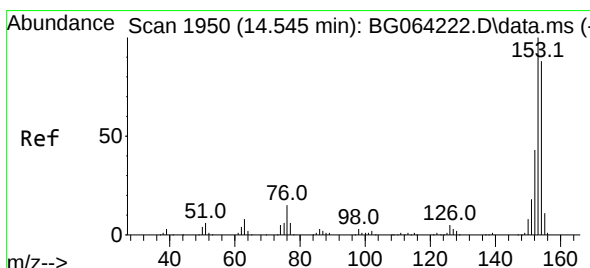
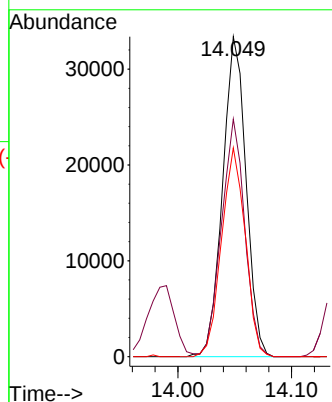
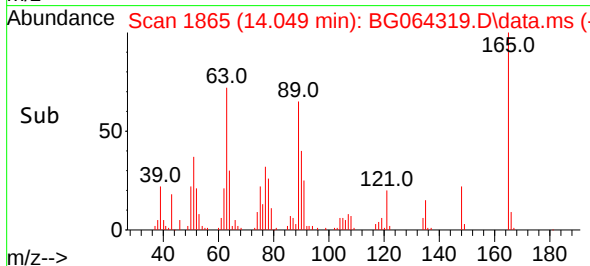


Tgt Ion:165 Resp: 47634
Ion Ratio Lower Upper
165 100
63 74.2 60.3 90.5
89 65.2 52.9 79.3

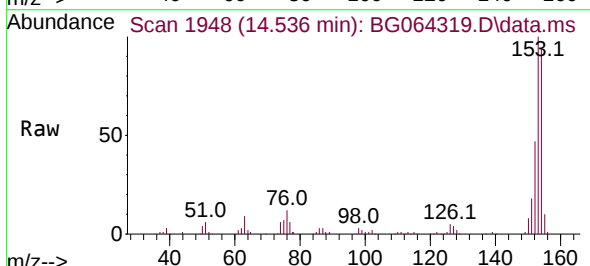
Manual Integrations

APPROVED

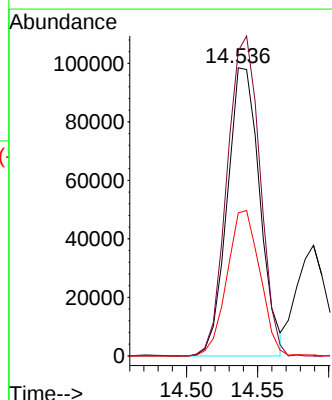
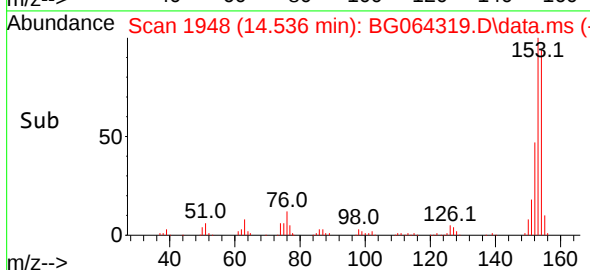
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

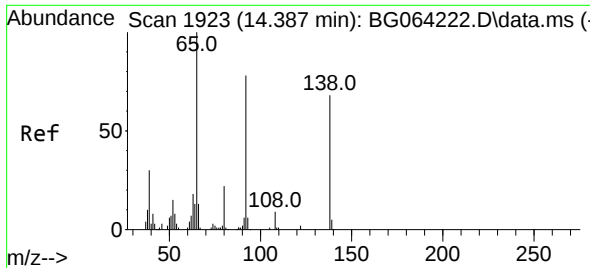


#52
Acenaphthene
Concen: 34.779 ng
RT: 14.536 min Scan# 1948
Delta R.T. -0.015 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38



Tgt Ion:154 Resp: 156943
Ion Ratio Lower Upper
154 100
153 105.9 91.1 136.7
152 49.7 39.6 59.4





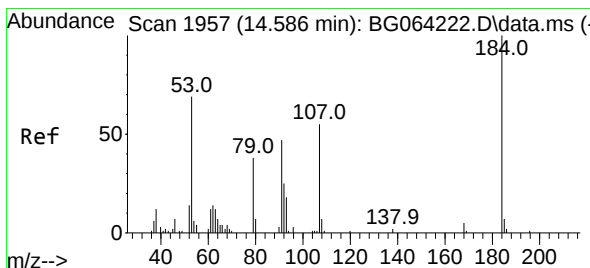
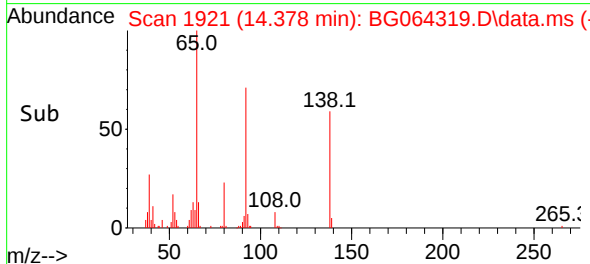
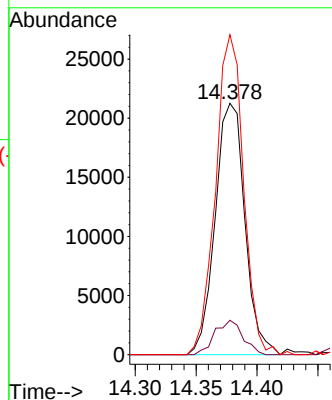
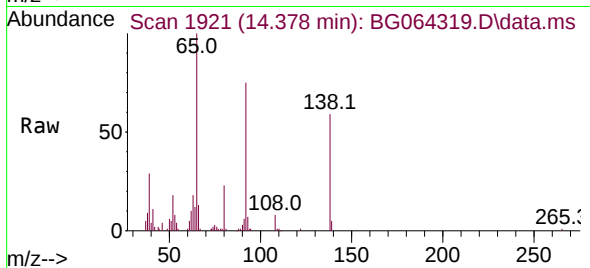
#53
3-Nitroaniline
Concen: 29.671 ng
RT: 14.378 min Scan# 1923
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :
BNA_G
ClientSampleId :
PB169593BS

Tgt Ion:138 Resp: 35978
Ion Ratio Lower Upper
138 100
108 13.7 11.0 16.6
92 127.4 91.4 137.0

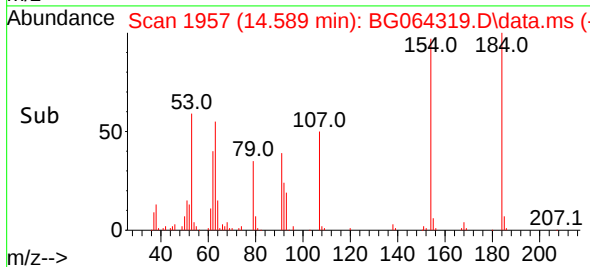
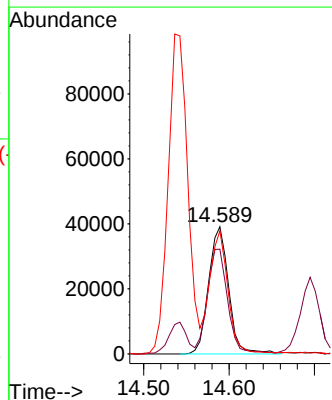
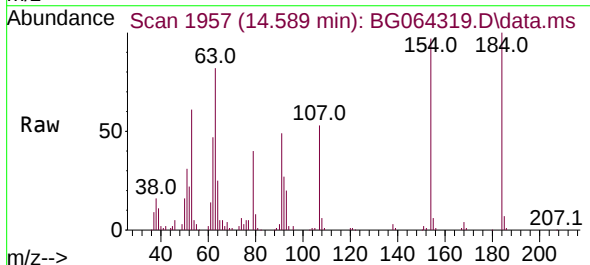
Manual Integrations
APPROVED

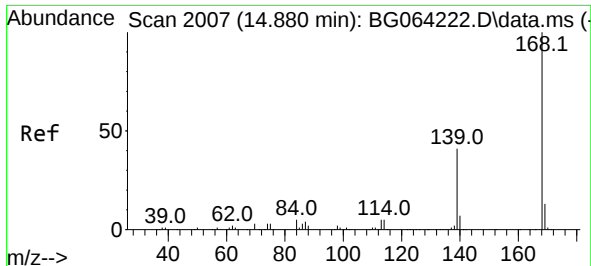
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#54
2,4-Dinitrophenol
Concen: 83.805 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Tgt Ion:184 Resp: 63602
Ion Ratio Lower Upper
184 100
63 82.4 60.1 90.1
154 96.8 59.8 89.8#





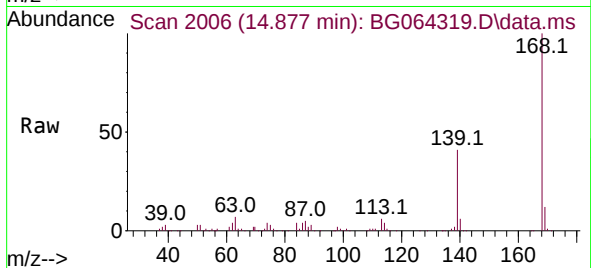
#55
Dibenzofuran
Concen: 37.441 ng
RT: 14.877 min Scan# 2006
Delta R.T. -0.003 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

ClientSampleId :

PB169593BS

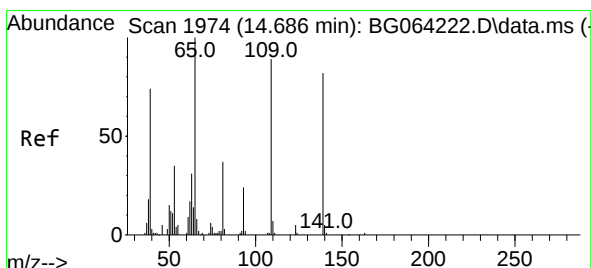
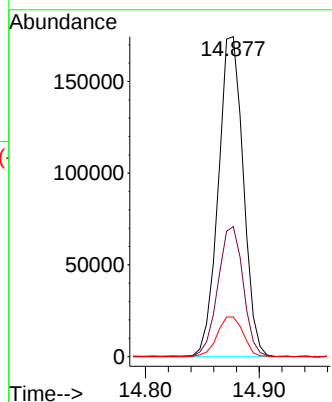
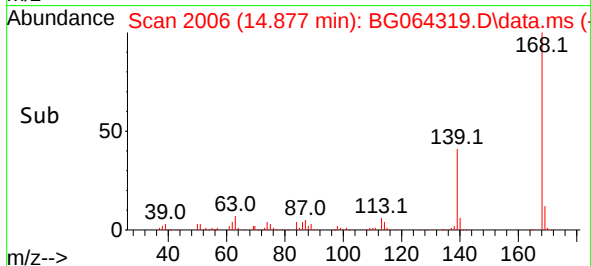


Tgt Ion:168 Resp: 265752
Ion Ratio Lower Upper
168 100
139 40.6 33.2 49.8
169 12.4 10.4 15.6

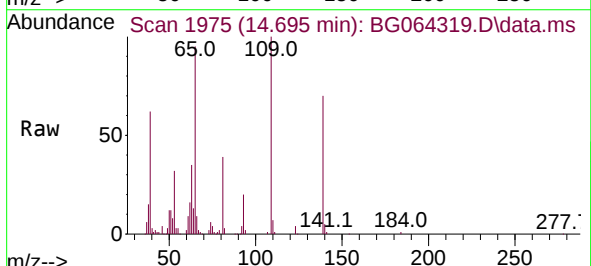
Manual Integrations

APPROVED

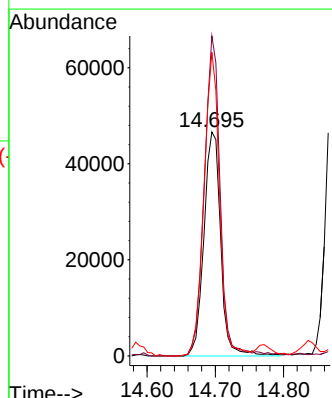
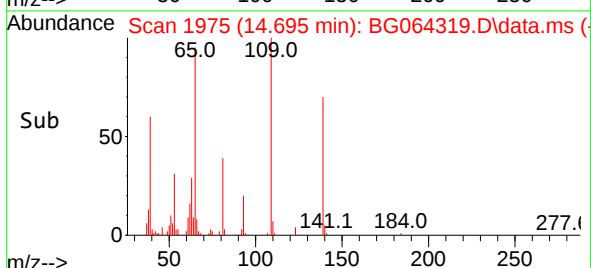
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

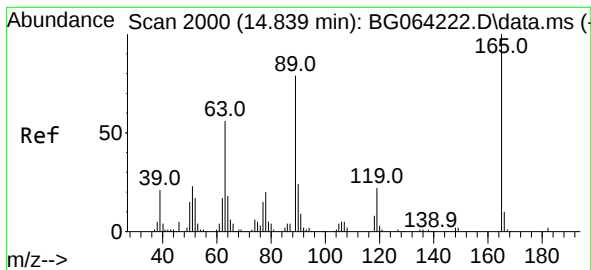


#56
4-Nitrophenol
Concen: 80.155 ng
RT: 14.695 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38



Tgt Ion:139 Resp: 79728
Ion Ratio Lower Upper
139 100
109 142.9 89.1 129.1#
65 135.6 102.9 142.9





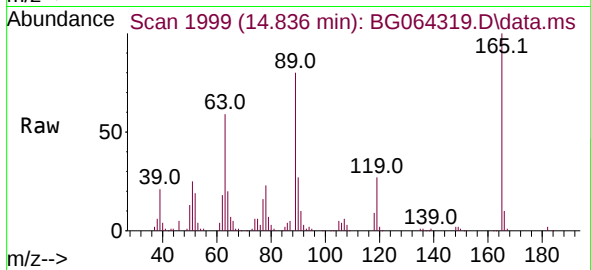
#57
2,4-Dinitrotoluene
Concen: 42.007 ng
RT: 14.836 min Scan# 1999
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

ClientSampleId :

PB169593BS

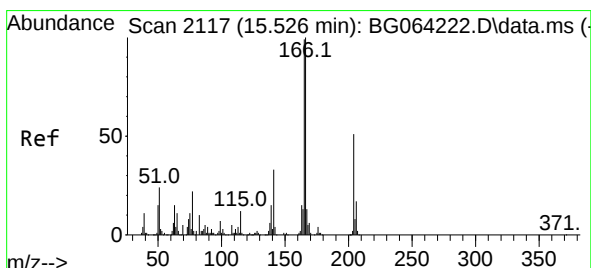
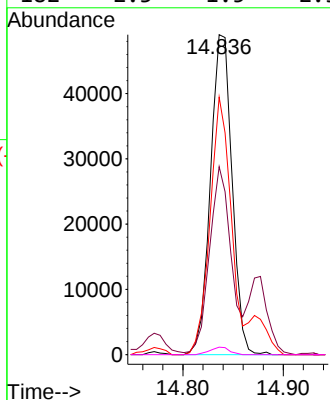
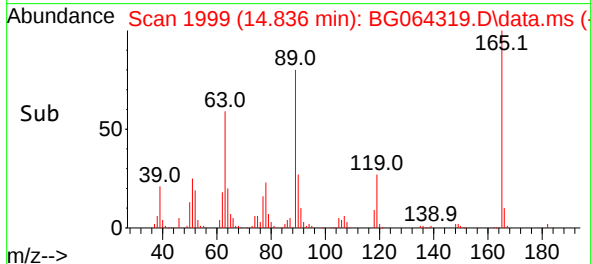


Tgt Ion:165 Resp: 73524
Ion Ratio Lower Upper
165 100
63 58.7 44.6 67.0
89 80.5 63.0 94.4
182 2.3 1.5 2.3#

Manual Integrations

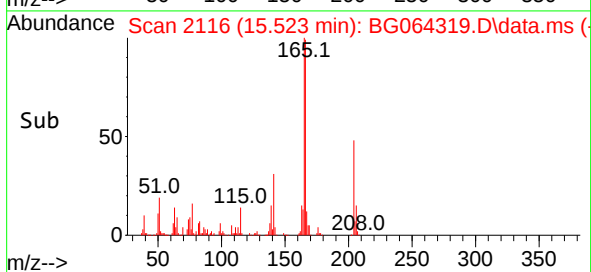
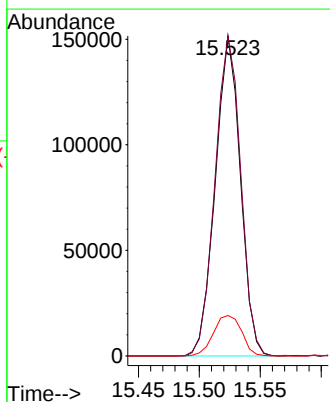
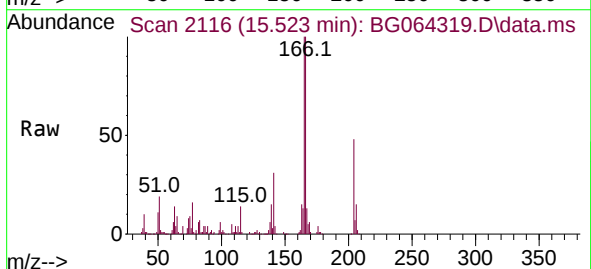
APPROVED

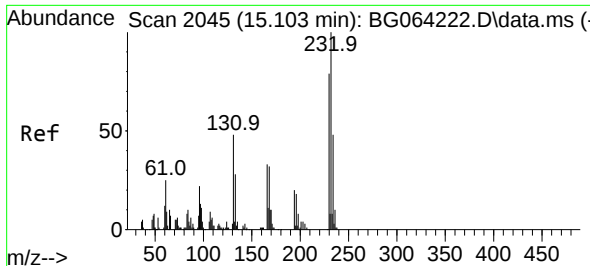
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#58
Fluorene
Concen: 37.250 ng
RT: 15.523 min Scan# 2116
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

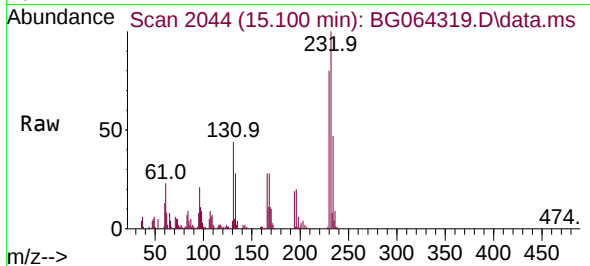
Tgt Ion:166 Resp: 216706
Ion Ratio Lower Upper
166 100
165 100.1 79.1 118.7
167 12.6 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.436 ng
RT: 15.100 min Scan# 2044
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

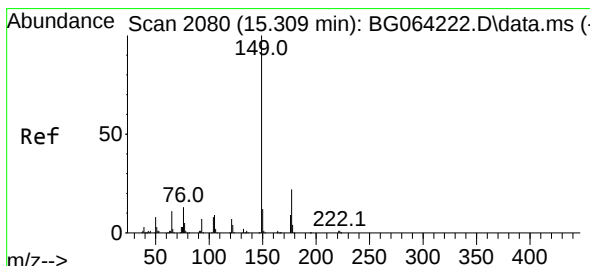
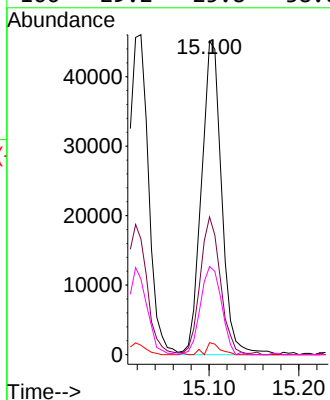
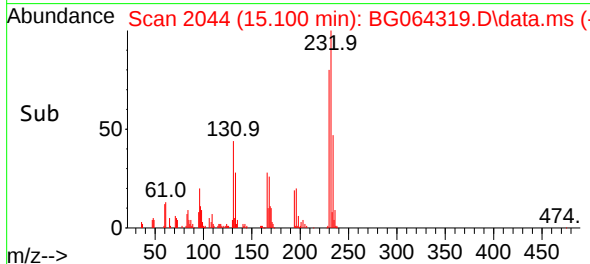
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:232 Resp: 70631
Ion Ratio Lower Upper
232 100
131 44.3 37.1 55.7
130 2.8 2.6 3.8
166 29.2 25.8 38.6

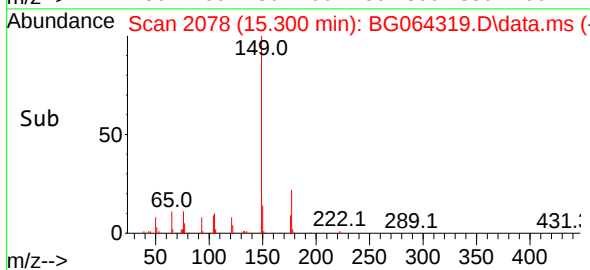
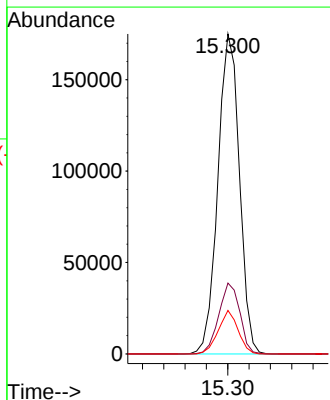
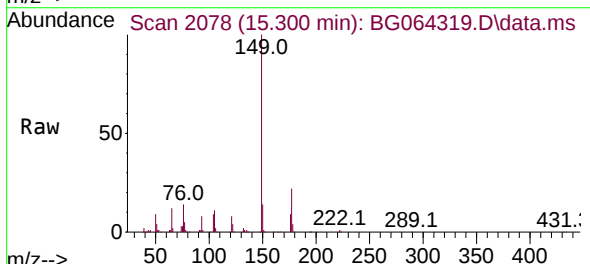
Manual Integrations
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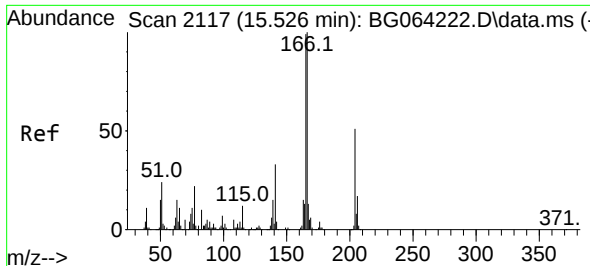
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#60
Diethylphthalate
Concen: 38.452 ng
RT: 15.300 min Scan# 2078
Delta R.T. -0.015 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

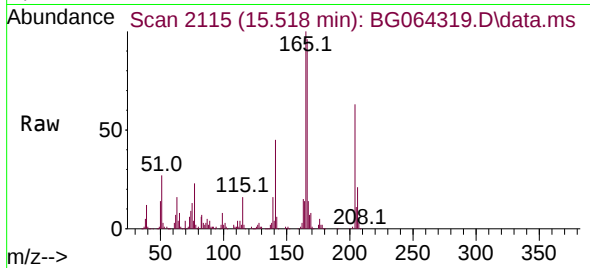
Tgt Ion:149 Resp: 246066
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 13.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 38.722 ng
RT: 15.518 min Scan# 2115
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

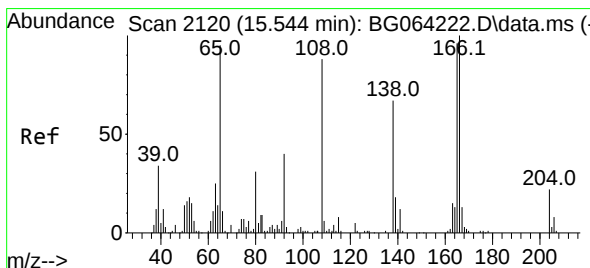
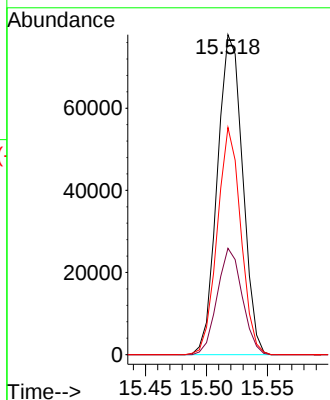
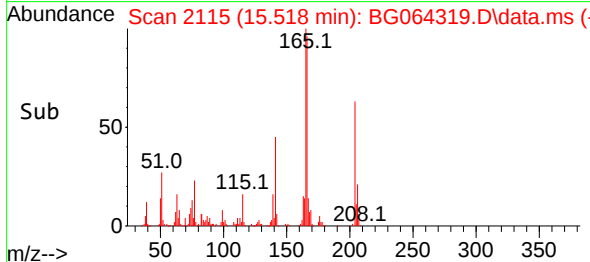
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:204 Resp: 112314
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.4
141 71.0 51.9 77.9

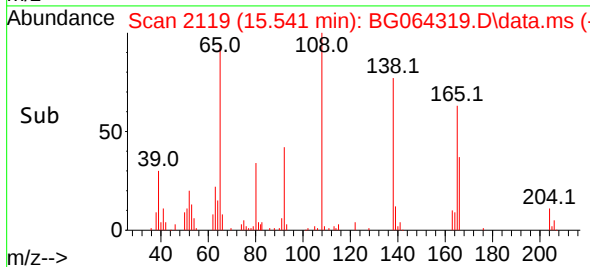
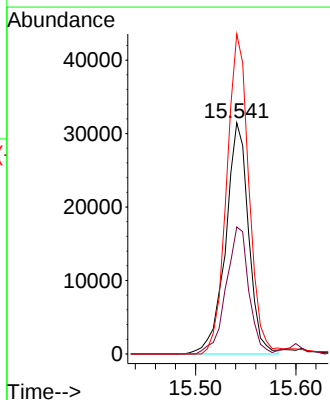
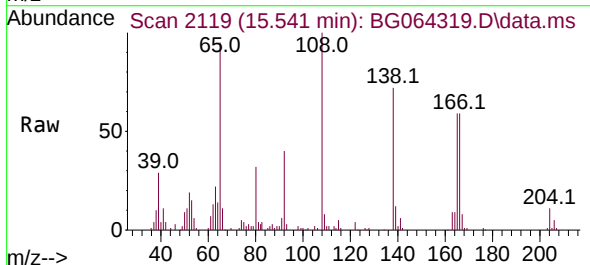
Manual Integrations
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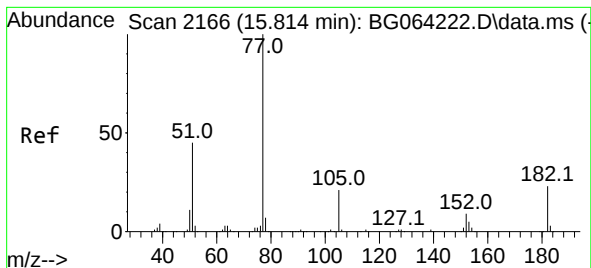
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#62
4-Nitroaniline
Concen: 40.253 ng
RT: 15.541 min Scan# 2119
Delta R.T. -0.015 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Tgt Ion:138 Resp: 49806
Ion Ratio Lower Upper
138 100
92 54.9 39.1 79.1
108 138.5 111.3 151.3





#63

Azobenzene

Concen: 35.256 ng

RT: 15.811 min Scan# 2166

Delta R.T. -0.009 min

Lab File: BG064319.D

Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

ClientSampleId :

PB169593BS

Tgt Ion: 77 Resp: 201086

Ion Ratio Lower Upper

77 100

182 26.1 3.3 43.3

105 19.6 0.6 40.6

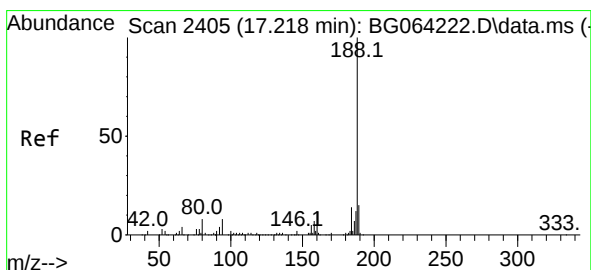
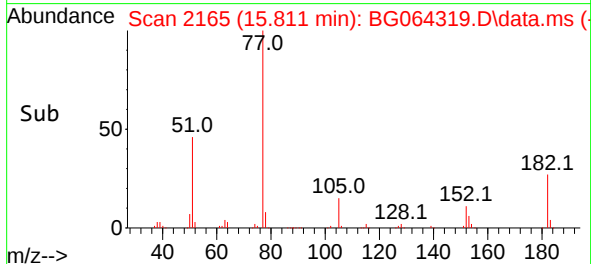
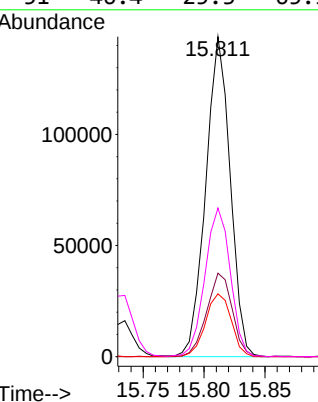
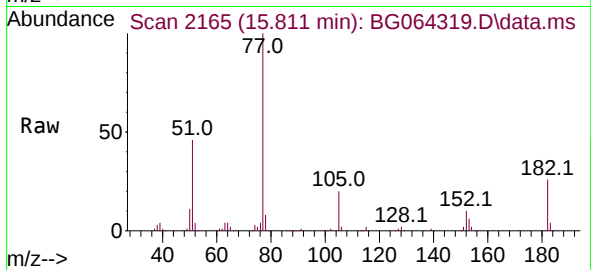
51 46.4 25.3 65.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.216 min Scan# 2404

Delta R.T. -0.009 min

Lab File: BG064319.D

Acq: 9 Sep 2025 11:38

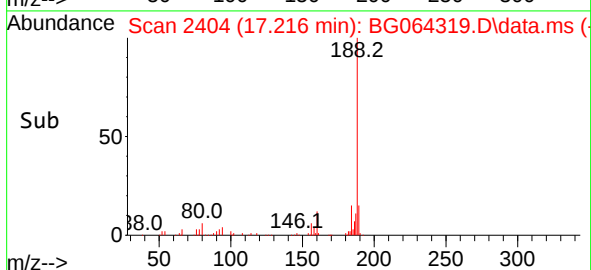
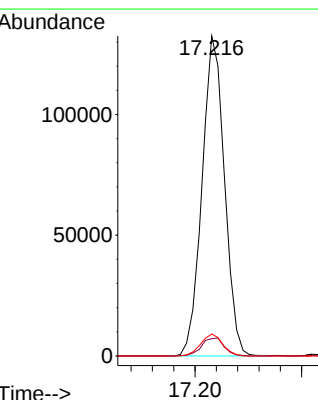
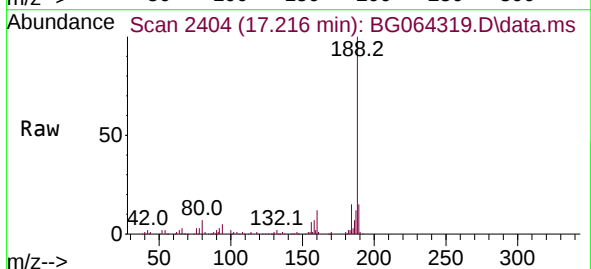
Tgt Ion:188 Resp: 193893

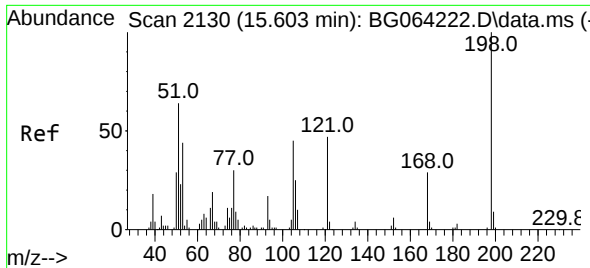
Ion Ratio Lower Upper

188 100

94 5.4 6.2 9.4#

80 6.8 6.8 10.2





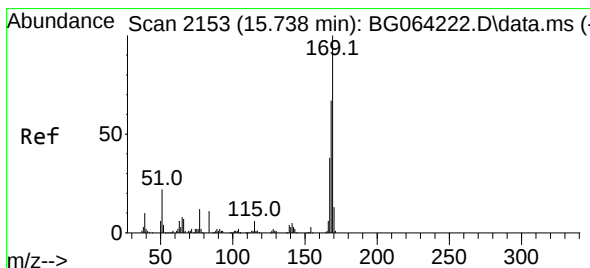
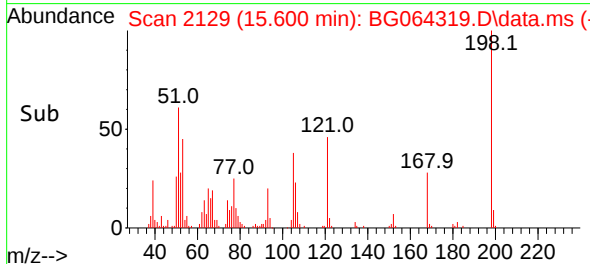
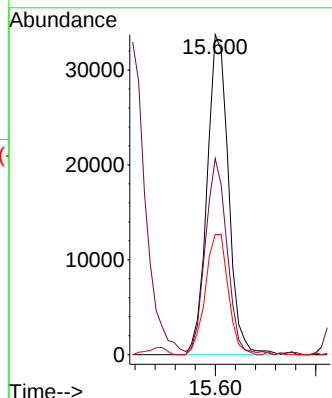
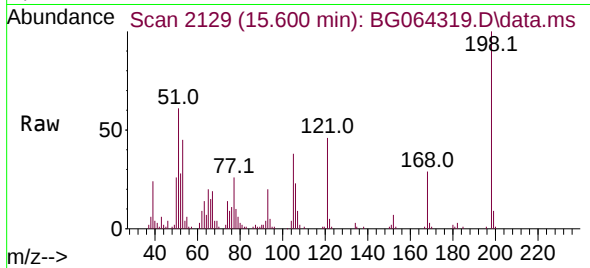
#65
4,6-Dinitro-2-methylphenol
Concen: 44.854 ng
RT: 15.600 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :
BNA_G
ClientSampleId :
PB169593BS

Tgt Ion:198 Resp: 49931
Ion Ratio Lower Upper
198 100
51 61.3 46.2 86.2
105 37.5 25.0 65.0

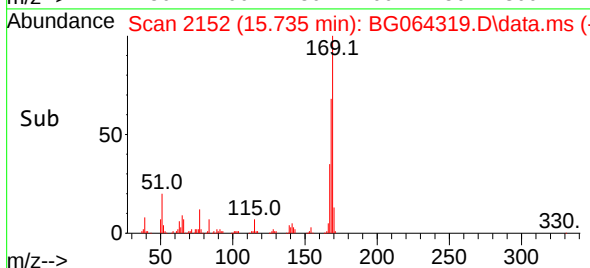
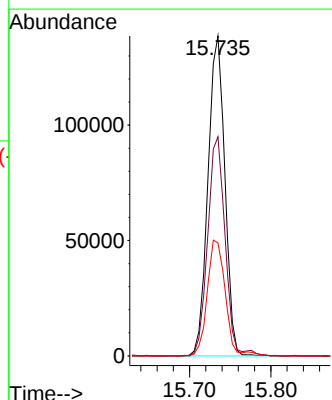
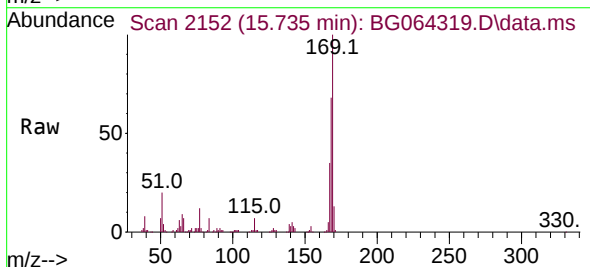
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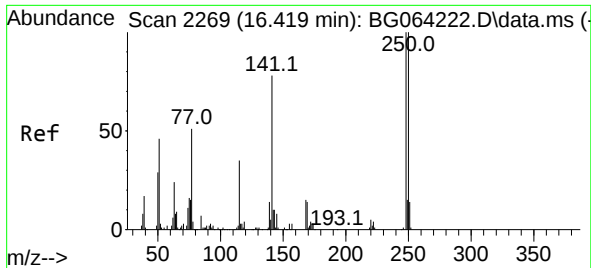
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#66
n-Nitrosodiphenylamine
Concen: 37.572 ng
RT: 15.735 min Scan# 2152
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Tgt Ion:169 Resp: 200400
Ion Ratio Lower Upper
169 100
168 68.5 53.8 80.8
167 35.3 30.2 45.2





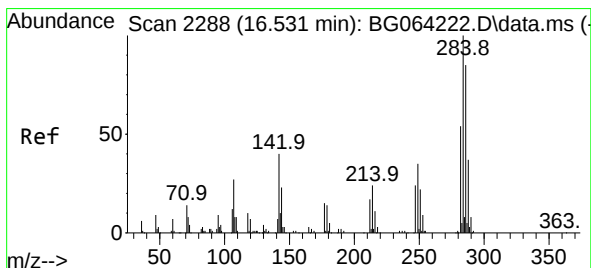
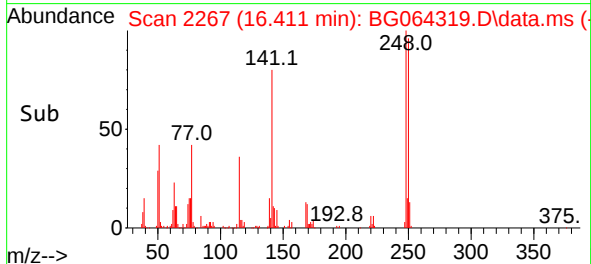
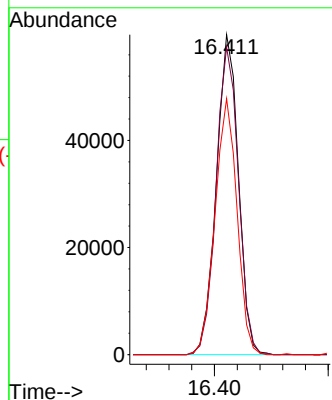
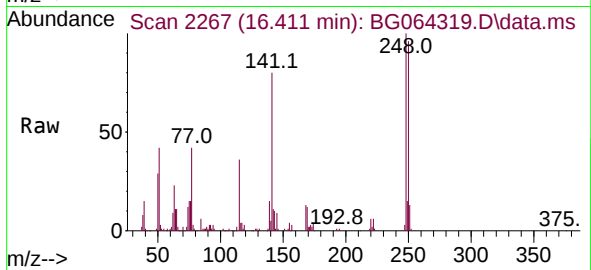
#67
4-Bromophenyl-phenylether
Concen: 39.053 ng
RT: 16.411 min Scan# 2269
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :
BNA_G
ClientSampleId :
PB169593BS

Tgt Ion:248 Resp: 80425
Ion Ratio Lower Upper
248 100
250 96.1 80.2 120.4
141 80.0 62.4 93.6

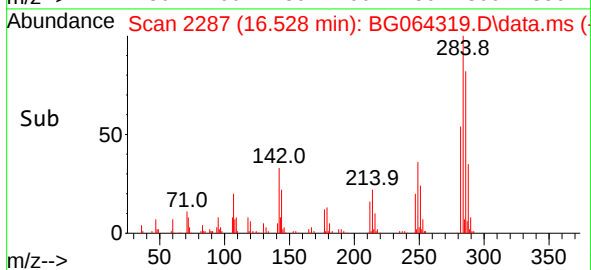
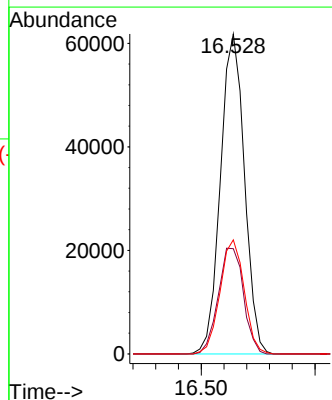
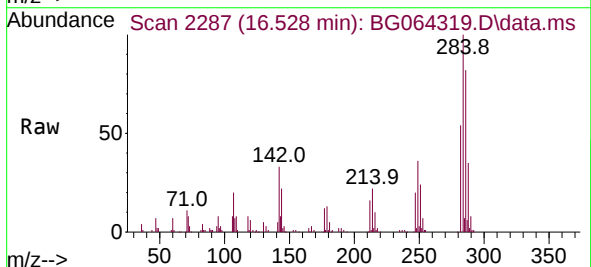
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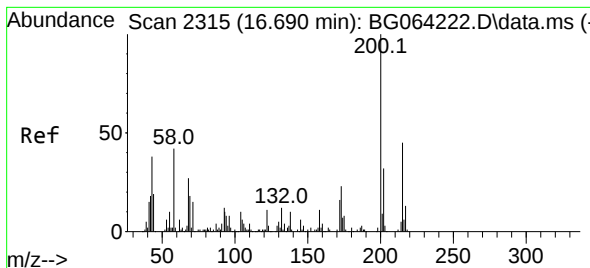
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#68
Hexachlorobenzene
Concen: 39.571 ng
RT: 16.528 min Scan# 2287
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Tgt Ion:284 Resp: 90496
Ion Ratio Lower Upper
284 100
142 32.9 32.1 48.1
249 35.6 28.3 42.5





#69

Atrazine

Concen: 40.424 ng

RT: 16.687 min Scan# 2314

Delta R.T. -0.009 min

Lab File: BG064319.D

Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

ClientSampleId :

PB169593BS

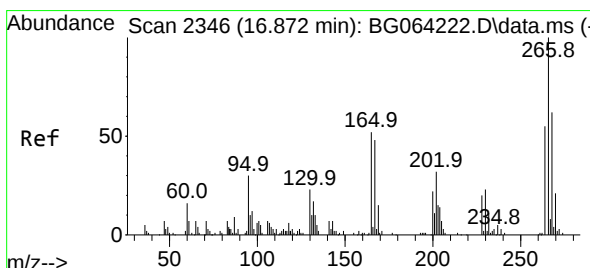
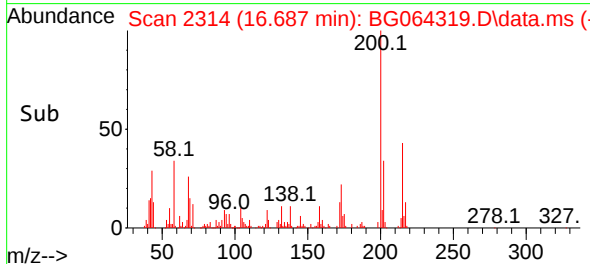
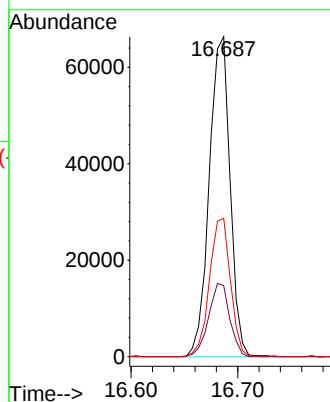
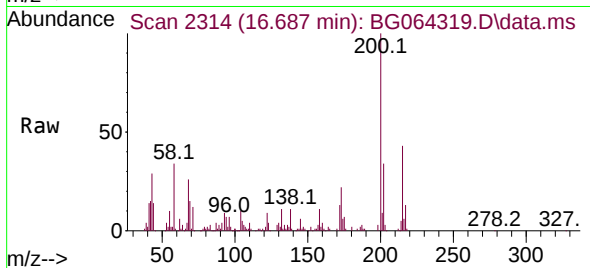
Tgt Ion:200 Resp: 90029
 Ion Ratio Lower Upper
 200 100
 173 22.2 3.5 43.5
 215 43.2 24.8 64.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#70

Pentachlorophenol

Concen: 85.100 ng

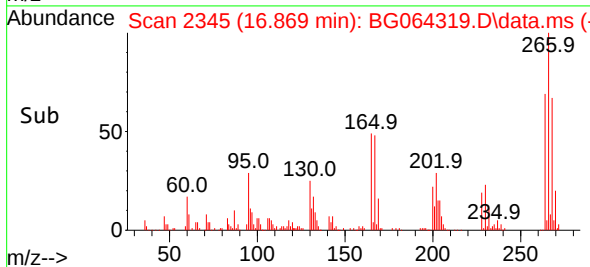
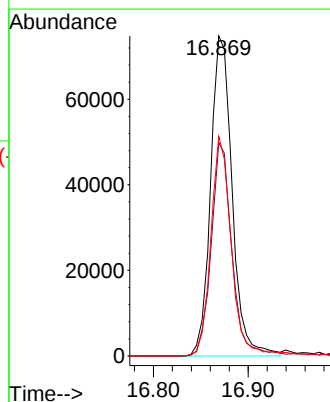
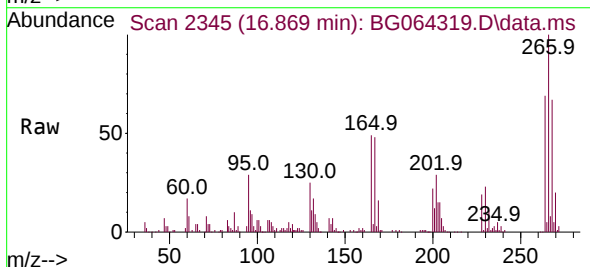
RT: 16.869 min Scan# 2345

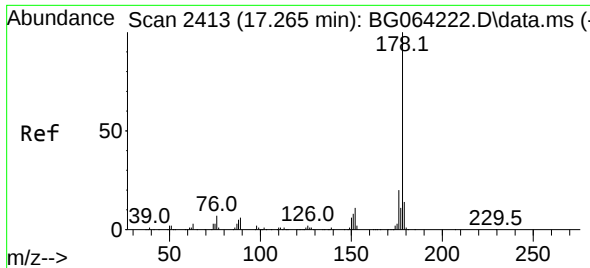
Delta R.T. -0.009 min

Lab File: BG064319.D

Acq: 9 Sep 2025 11:38

Tgt Ion:266 Resp: 118005
 Ion Ratio Lower Upper
 266 100
 268 66.6 49.4 74.0
 264 68.6 44.3 66.5#





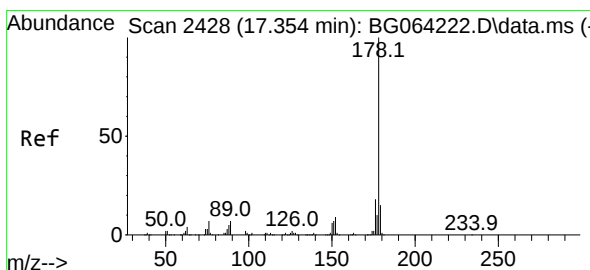
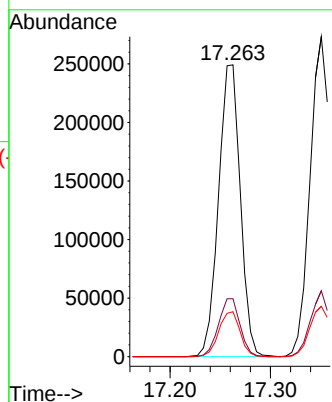
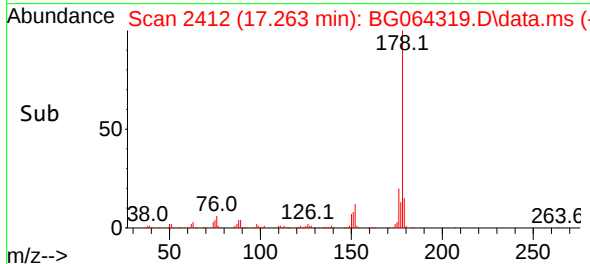
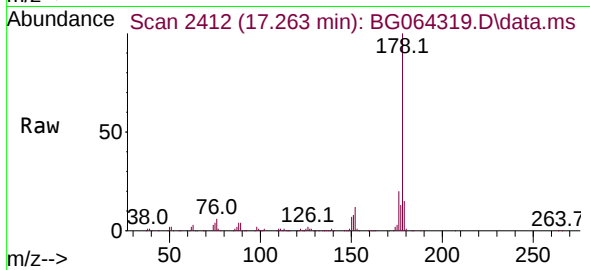
#71
Phenanthrene
Concen: 36.792 ng
RT: 17.263 min Scan# 2413
Delta R.T. -0.003 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :
BNA_G
ClientSampleId :
PB169593BS

Tgt Ion:178 Resp: 376255
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.4 11.4 17.2

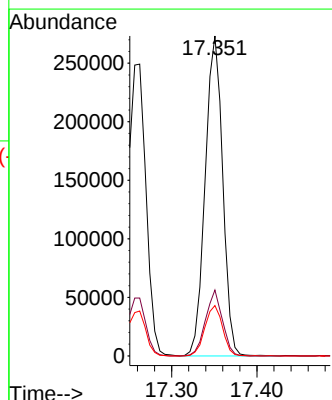
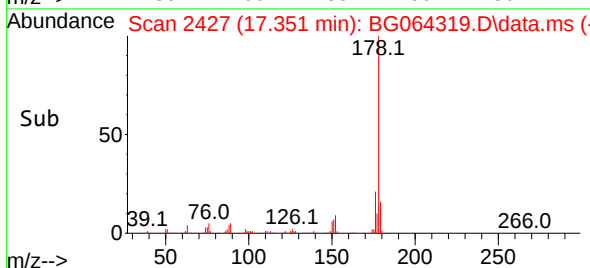
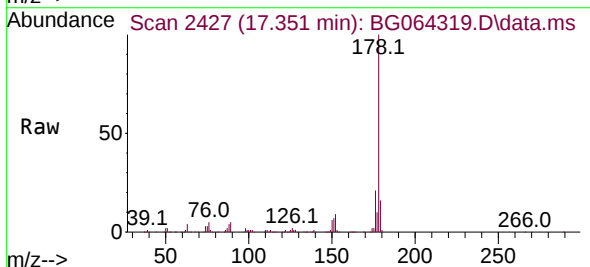
Manual Integrations
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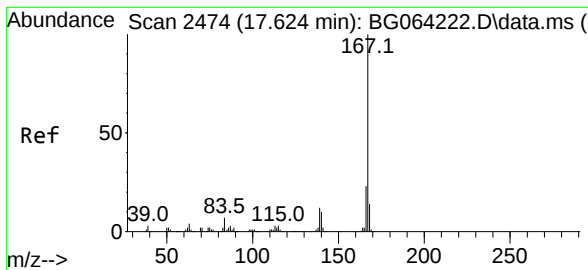
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#72
Anthracene
Concen: 37.483 ng
RT: 17.351 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

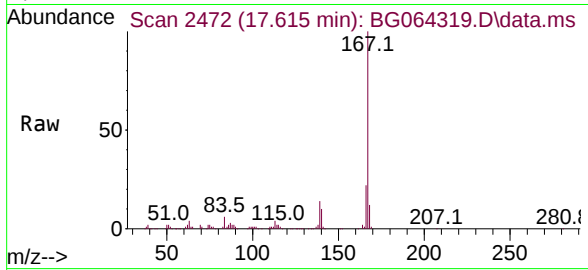
Tgt Ion:178 Resp: 389922
Ion Ratio Lower Upper
178 100
176 20.6 14.7 22.1
179 15.7 12.1 18.1





#73
 Carbazole
 Concen: 38.213 ng
 RT: 17.615 min Scan# 2472
 Delta R.T. -0.009 min
 Lab File: BG064319.D
 Acq: 9 Sep 2025 11:38

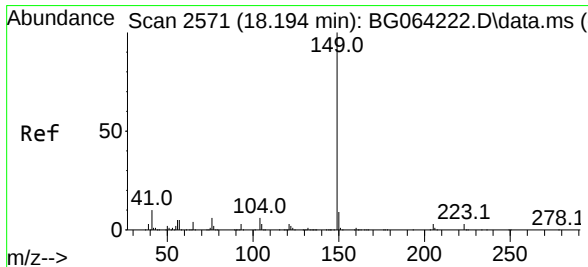
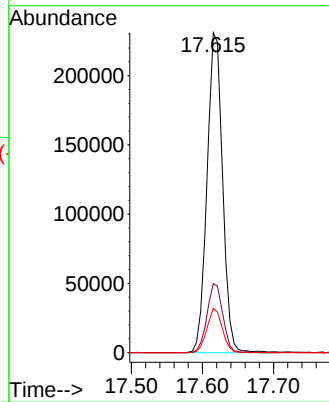
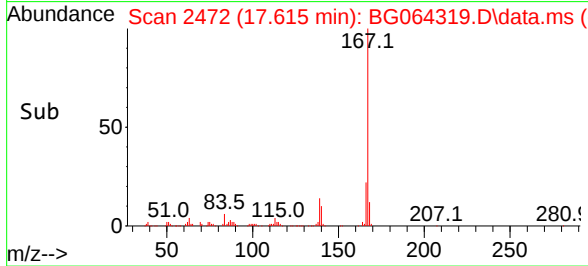
Instrument : BNA_G
 ClientSampleId : PB169593BS



Tgt Ion:167 Resp: 350184
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.2 27.2
 139 13.8 9.8 14.6

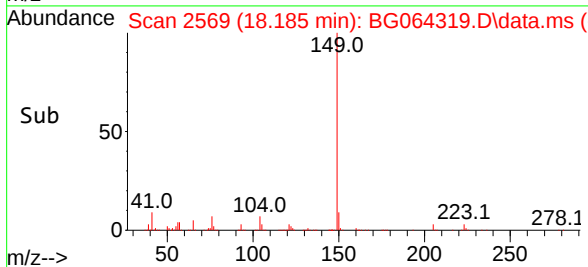
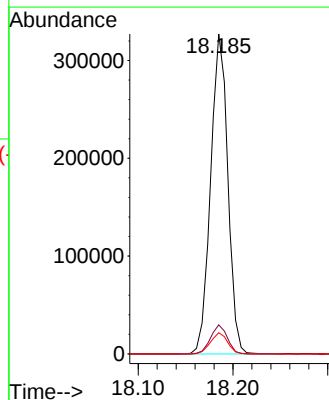
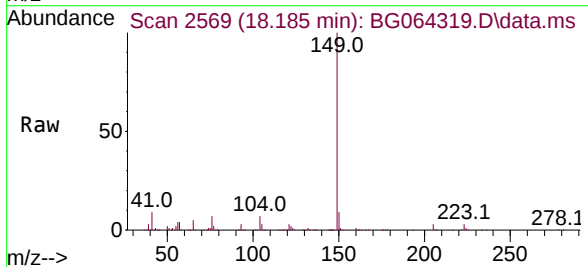
Manual Integrations
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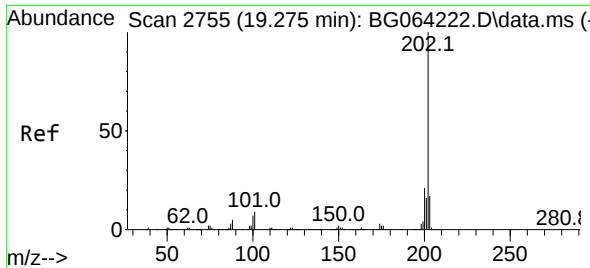
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025



#74
 Di-n-butylphthalate
 Concen: 37.456 ng
 RT: 18.185 min Scan# 2569
 Delta R.T. -0.009 min
 Lab File: BG064319.D
 Acq: 9 Sep 2025 11:38

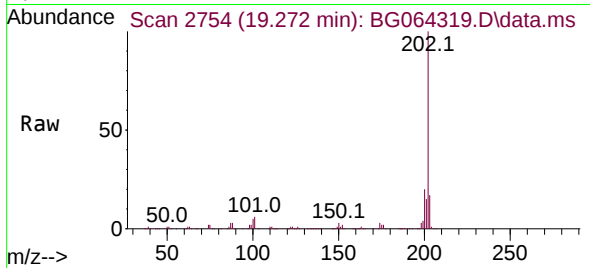
Tgt Ion:149 Resp: 412385
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 6.6 4.6 7.0





#75
Fluoranthene
Concen: 38.505 ng
RT: 19.272 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

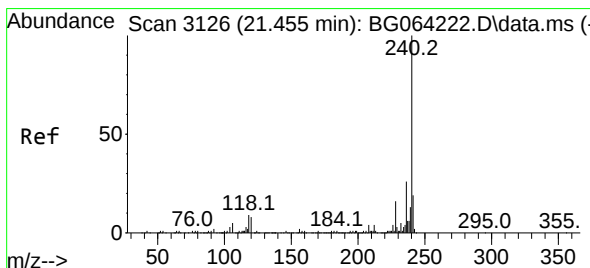
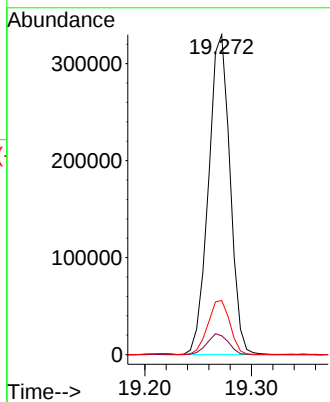
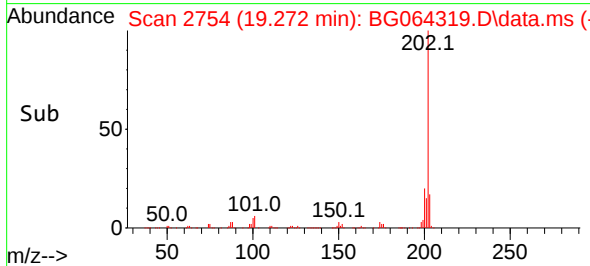
Instrument :
BNA_G
ClientSampleId :
PB169593BS



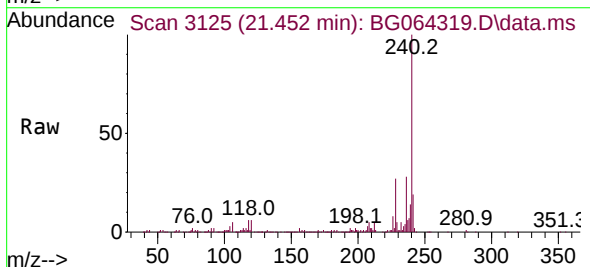
Tgt Ion:202 Resp: 463003
Ion Ratio Lower Upper
202 100
101 5.9 0.0 28.7
203 16.9 0.0 36.9

Manual Integrations
APPROVED

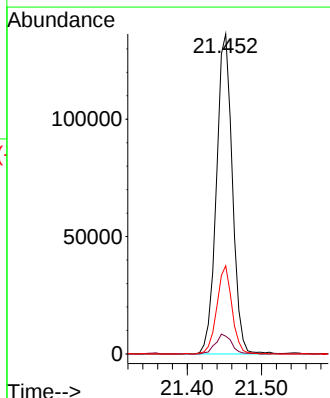
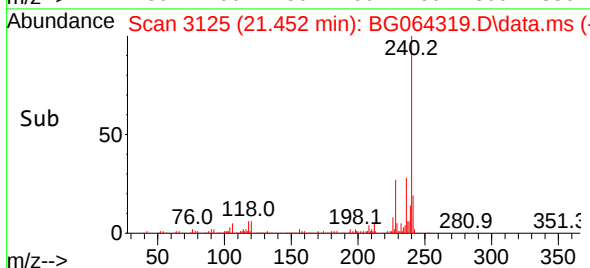
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

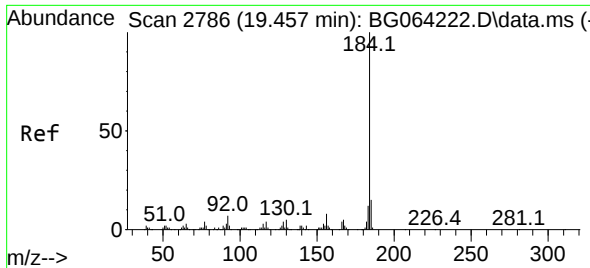


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. -0.003 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38



Tgt Ion:240 Resp: 202922
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 27.5 20.5 30.7





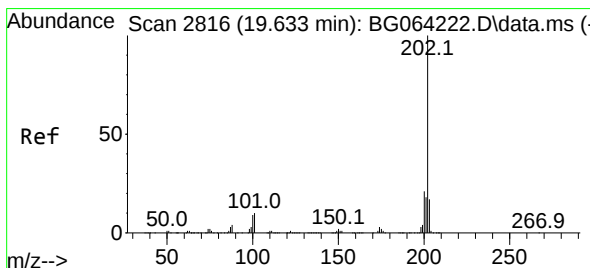
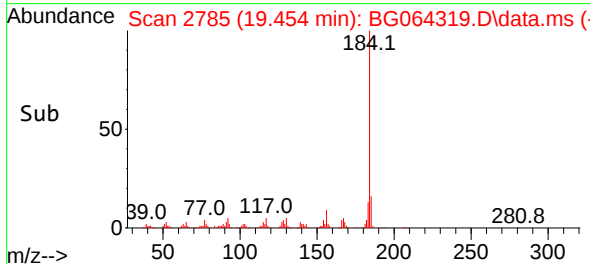
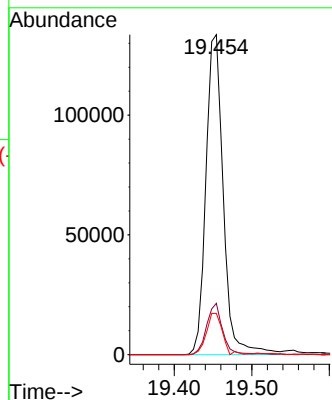
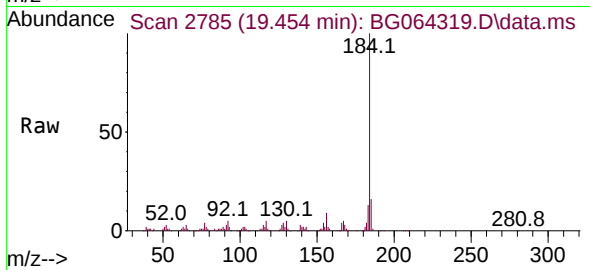
#77
Benzidine
Concen: 48.709 ng
RT: 19.454 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :
BNA_G
ClientSampleId :
PB169593BS

Tgt Ion:184 Resp: 20792
Ion Ratio Lower Upper
184 100
185 16.0 11.7 17.5
183 12.9 9.7 14.5

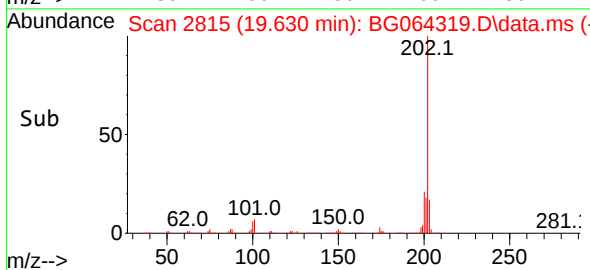
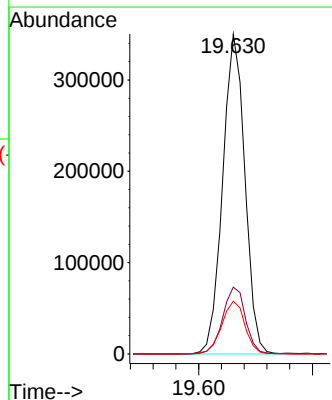
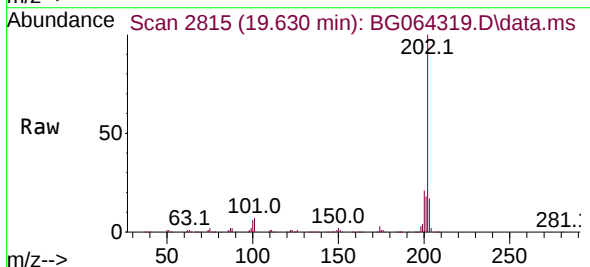
Manual Integrations
APPROVED

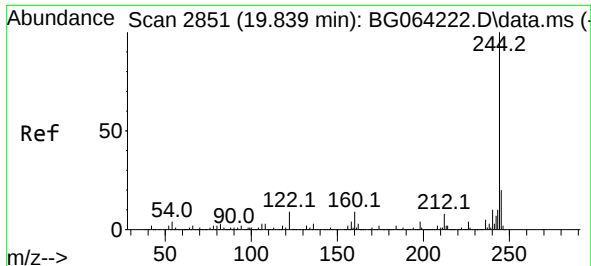
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#78
Pyrene
Concen: 37.097 ng
RT: 19.630 min Scan# 2815
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Tgt Ion:202 Resp: 474263
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 16.5 13.8 20.8





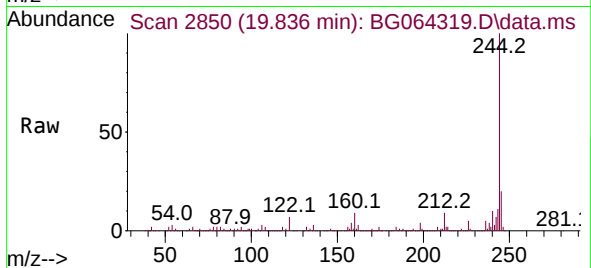
#79
 Terphenyl-d14
 Concen: 81.856 ng
 RT: 19.836 min Scan# 2851
 Delta R.T. -0.009 min
 Lab File: BG064319.D
 Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

ClientSampleId :

PB169593BS

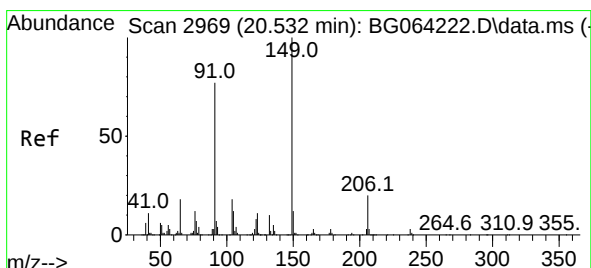
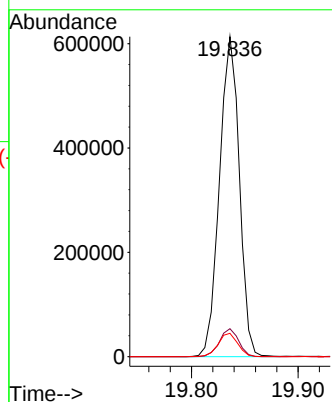
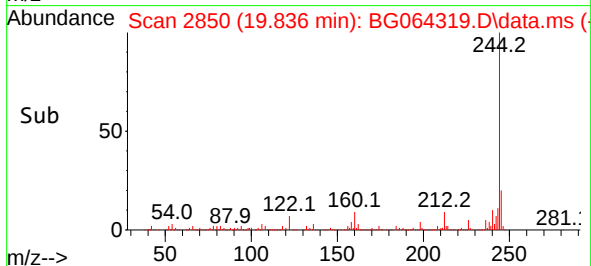


Tgt Ion:244 Resp: 796142
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 10.0
 122 7.3 7.0 10.6

Manual Integrations

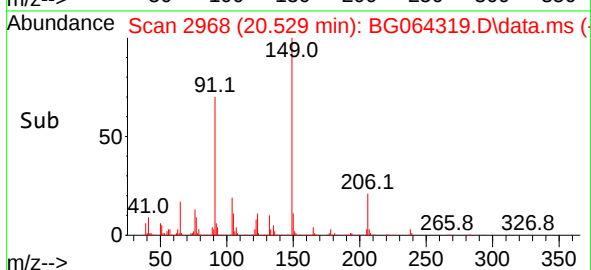
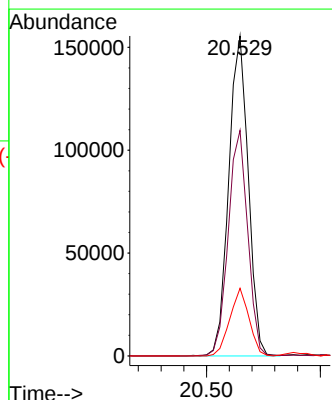
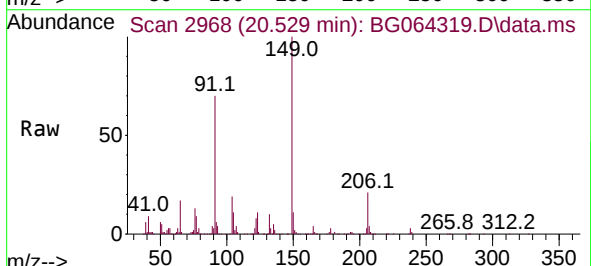
APPROVED

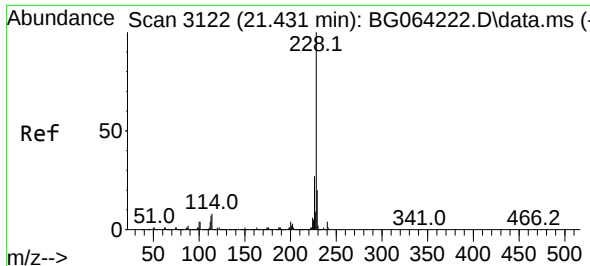
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025



#80
 Butylbenzylphthalate
 Concen: 38.482 ng
 RT: 20.529 min Scan# 2968
 Delta R.T. -0.003 min
 Lab File: BG064319.D
 Acq: 9 Sep 2025 11:38

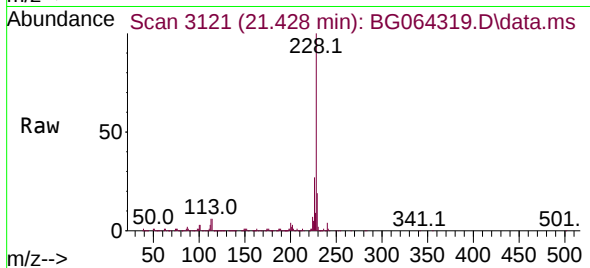
Tgt Ion:149 Resp: 185555
 Ion Ratio Lower Upper
 149 100
 91 70.5 61.4 92.0
 206 21.1 15.8 23.6





#81
Benzo(a)anthracene
Concen: 38.028 ng
RT: 21.428 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

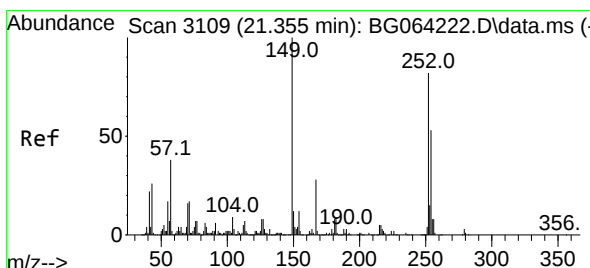
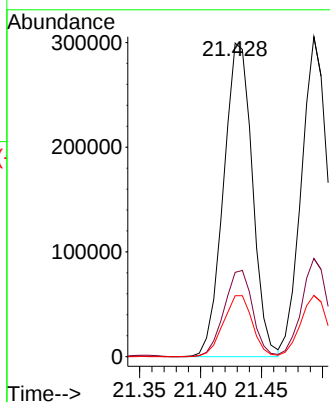
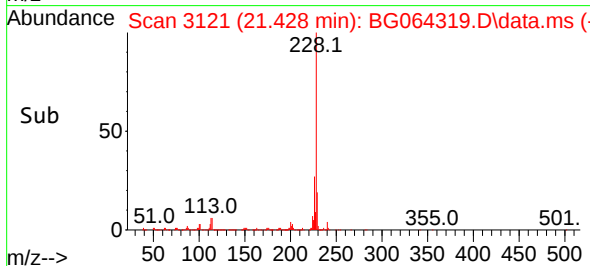
Instrument :
BNA_G
ClientSampleId :
PB169593BS



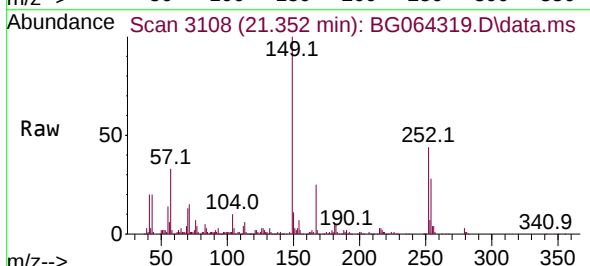
Tgt Ion:228 Resp: 493683
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.4 15.9 23.9

Manual Integrations
APPROVED

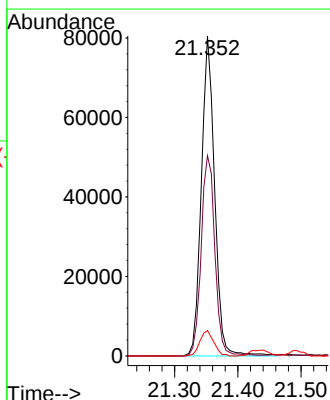
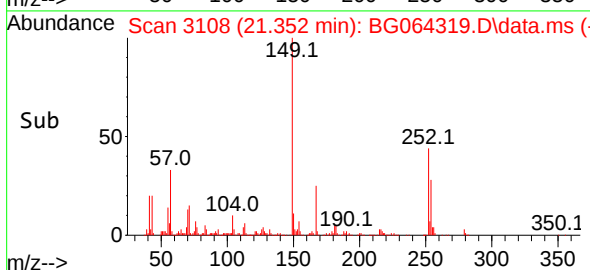
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

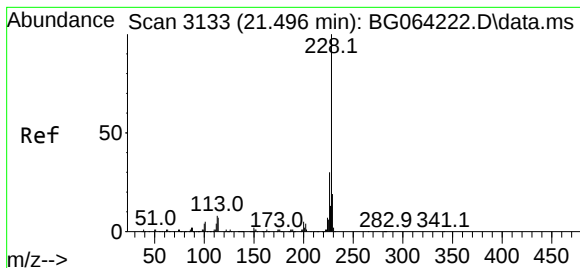


#82
3,3'-Dichlorobenzidine
Concen: 27.745 ng
RT: 21.352 min Scan# 3108
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38



Tgt Ion:252 Resp: 117305
Ion Ratio Lower Upper
252 100
254 62.6 51.9 77.9
126 7.9 7.6 11.4





#83

Chrysene

Concen: 37.084 ng

RT: 21.493 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG064319.D

Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

ClientSampleId :

PB169593BS

Tgt Ion:228 Resp: 462190

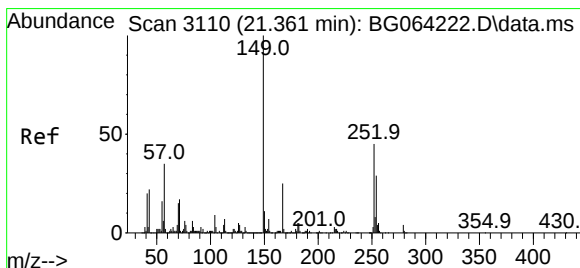
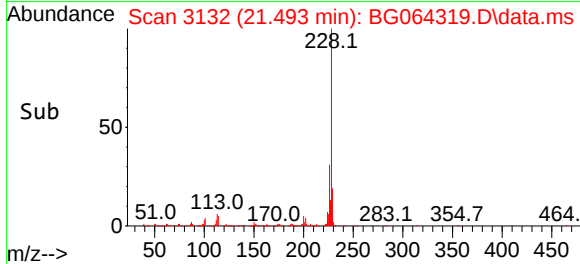
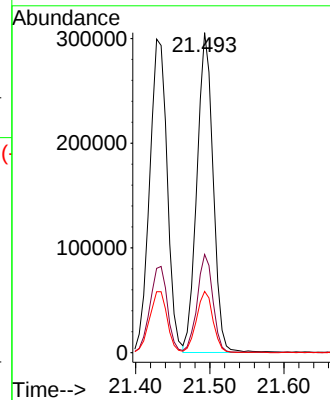
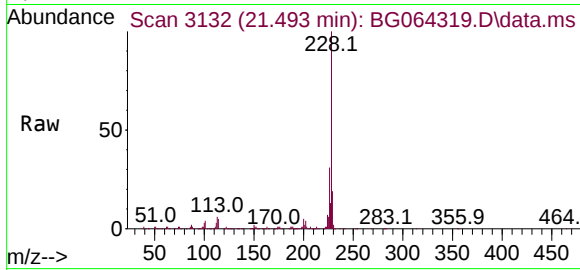
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.1	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.758 ng

RT: 21.358 min Scan# 3109

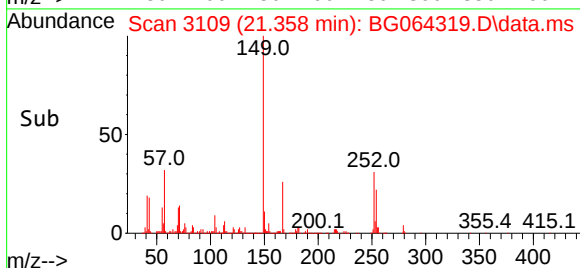
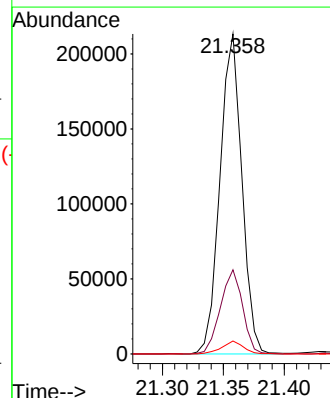
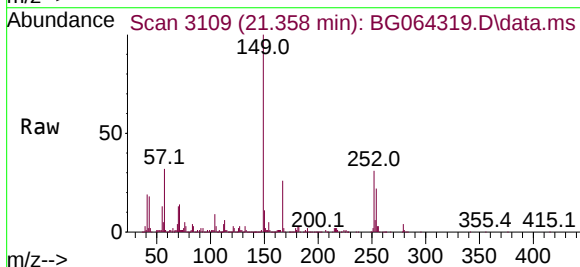
Delta R.T. -0.009 min

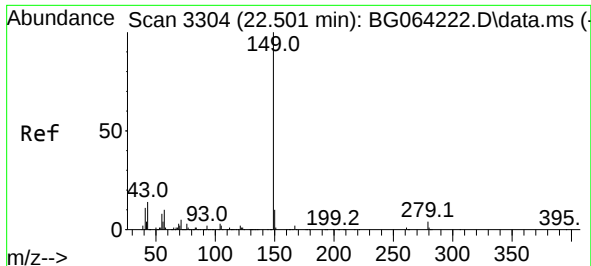
Lab File: BG064319.D

Acq: 9 Sep 2025 11:38

Tgt Ion:149 Resp: 266104

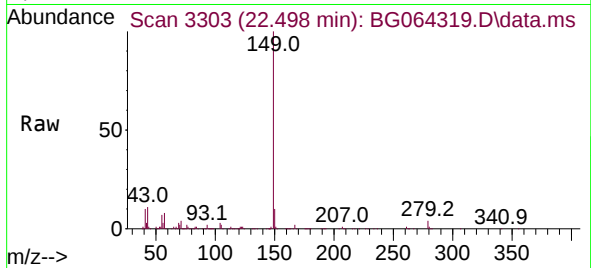
Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.0	30.0
279	4.1	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 36.623 ng
RT: 22.498 min Scan# 3304
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

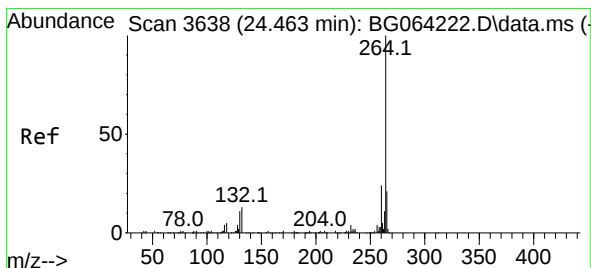
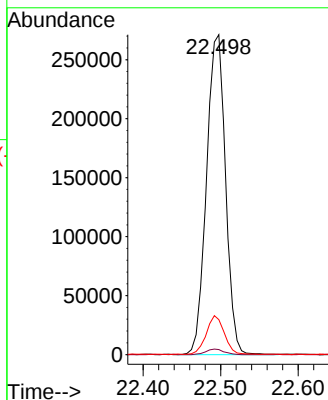
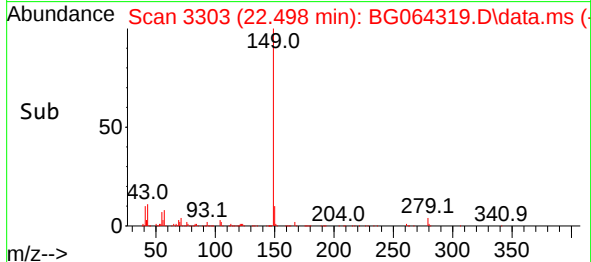
Instrument :
BNA_G
ClientSampleId :
PB169593BS



Tgt Ion:149 Resp: 461959
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.4 10.8 16.2

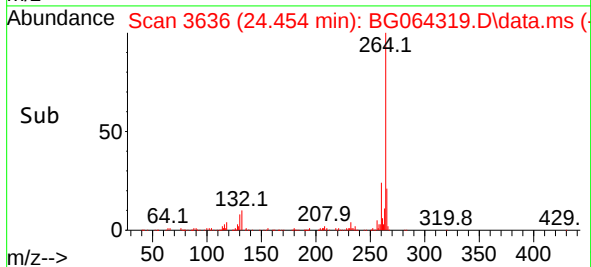
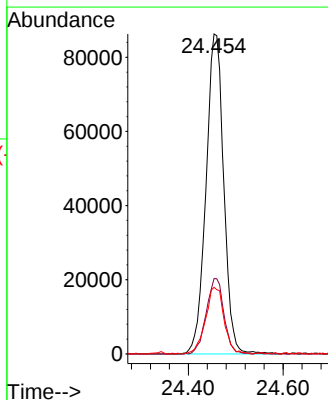
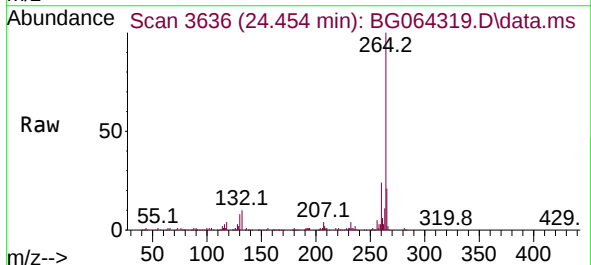
Manual Integrations
APPROVED

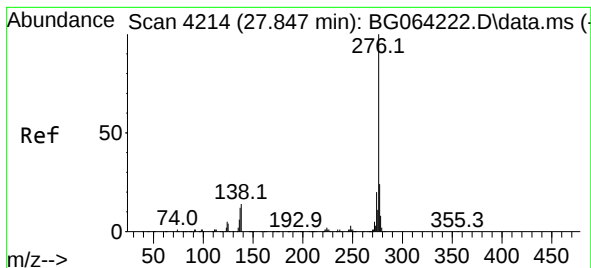
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Tgt Ion:264 Resp: 224122
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 20.8 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.952 ng

RT: 27.850 min Scan# 4214

Delta R.T. -0.021 min

Lab File: BG064319.D

Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

ClientSampleId :

PB169593BS

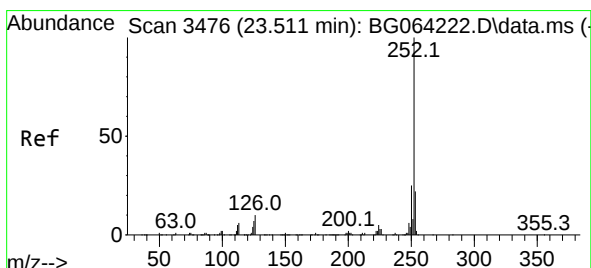
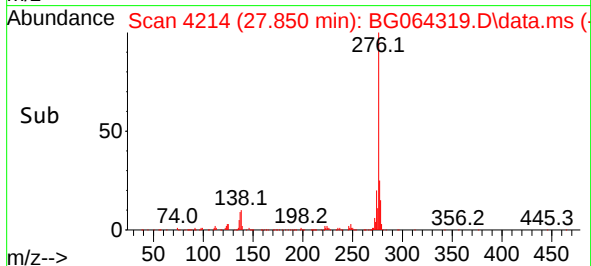
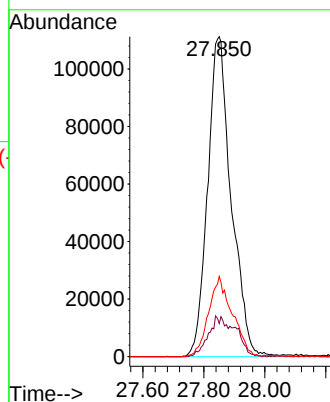
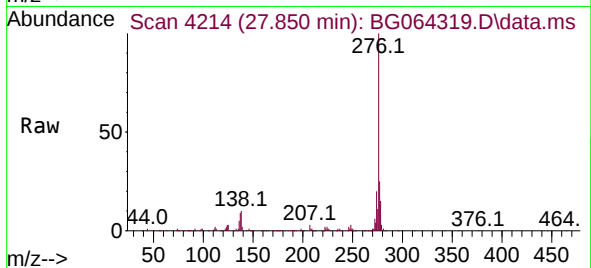
Tgt Ion:	276	Resp:	596185
Ion Ratio	Lower	Upper	
276	100		
138	6.0	7.4	11.0
277	25.3	20.5	30.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#88

Benzo(b)fluoranthene

Concen: 37.735 ng

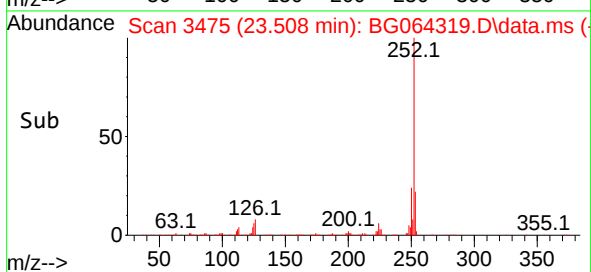
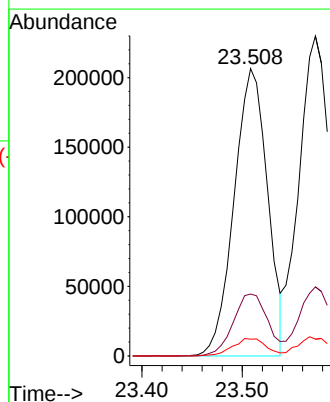
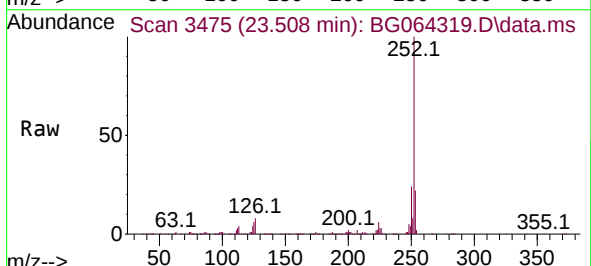
RT: 23.508 min Scan# 3475

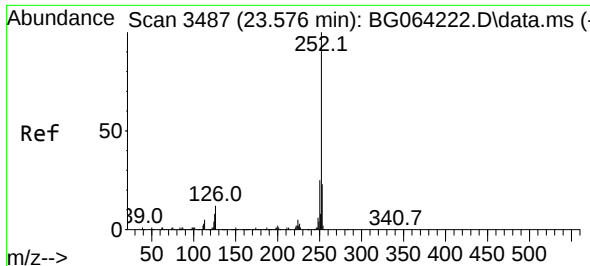
Delta R.T. -0.009 min

Lab File: BG064319.D

Acq: 9 Sep 2025 11:38

Tgt Ion:	252	Resp:	477313
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.5	26.3
125	5.8	5.9	8.9





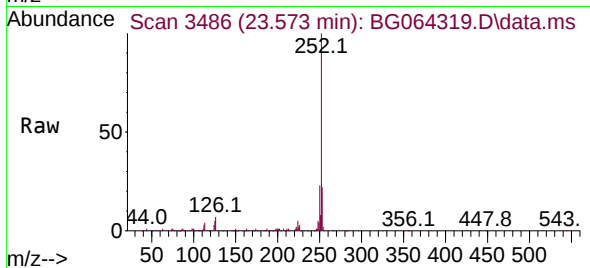
#89
Benzo(k)fluoranthene
Concen: 38.836 ng
RT: 23.573 min Scan# 3487
Delta R.T. -0.015 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

Instrument :

BNA_G

ClientSampleId :

PB169593BS



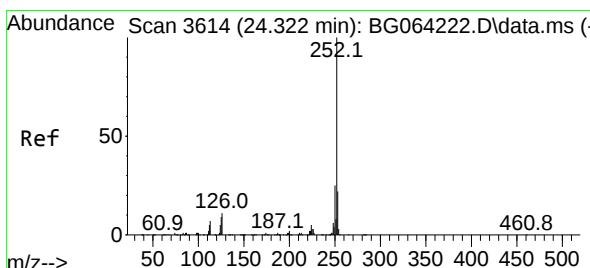
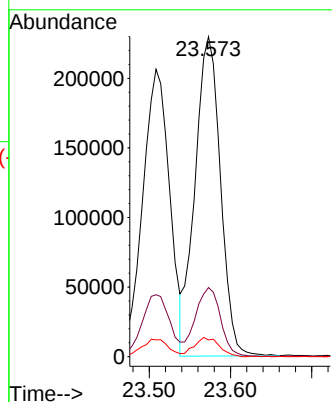
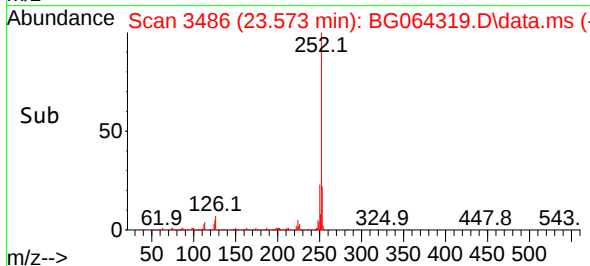
Tgt Ion:252 Resp: 500464
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 5.2 7.0 10.4

Manual Integrations

APPROVED

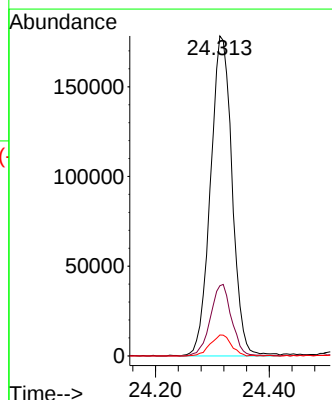
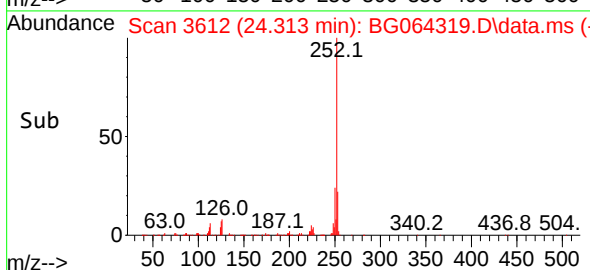
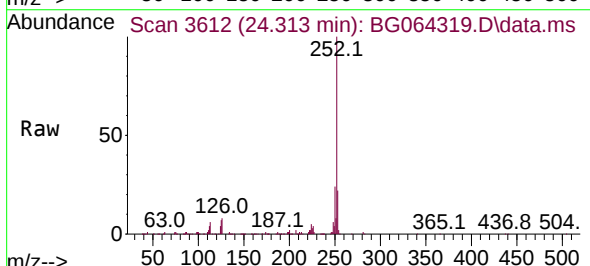
Reviewed By :Rahul Chavli 09/10/2025

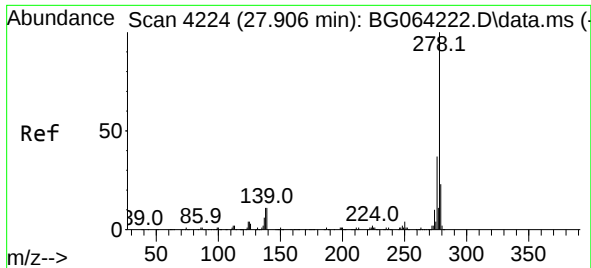
Supervised By :Jagrut Upadhyay 09/10/2025



#90
Benzo(a)pyrene
Concen: 39.978 ng
RT: 24.313 min Scan# 3612
Delta R.T. -0.015 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

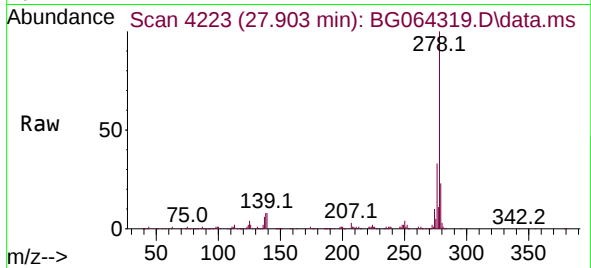
Tgt Ion:252 Resp: 470404
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 6.5 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 39.126 ng
RT: 27.903 min Scan# 419
Delta R.T. -0.021 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38

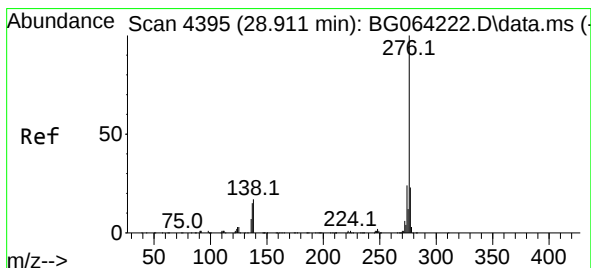
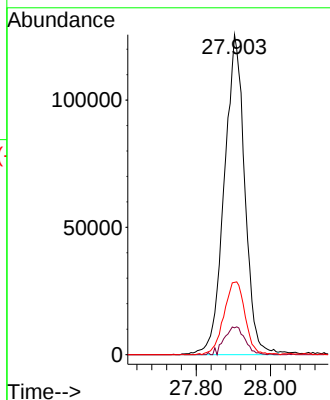
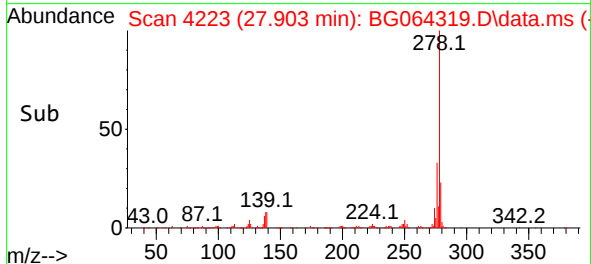
Instrument :
BNA_G
ClientSampleId :
PB169593BS



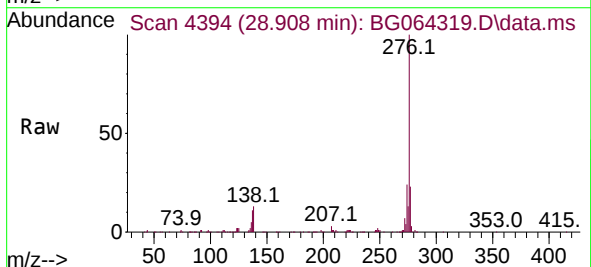
Tgt Ion:278 Resp: 480818
Ion Ratio Lower Upper
278 100
139 8.4 9.0 13.4
279 22.6 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#92
Benzo(g,h,i)perylene
Concen: 39.238 ng
RT: 28.908 min Scan# 4394
Delta R.T. -0.027 min
Lab File: BG064319.D
Acq: 9 Sep 2025 11:38



Tgt Ion:276 Resp: 469210
Ion Ratio Lower Upper
276 100
277 22.5 18.2 27.4
138 13.2 13.3 19.9

