

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082725\
 Data File : BG064216.D
 Acq On : 27 Aug 2025 19:02
 Operator : RC/JU
 Sample : PB169325TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB169325TB

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025

Quant Time: Aug 28 01:15:14 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082725.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 27 18:02:44 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	37118	20.000	ng	0.00
21) Naphthalene-d8	10.648	136	170308	20.000	ng	0.00
39) Acenaphthene-d10	14.485	164	126201	20.000	ng	0.00
64) Phenanthrene-d10	17.223	188	297963	20.000	ng	0.00
76) Chrysene-d12	21.453	240	306393	20.000	ng	0.00
86) Perylene-d12	24.462	264	333471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	154650	79.816	ng	0.00
7) Phenol-d6	7.023	99	215414	75.187	ng	0.00
23) Nitrobenzene-d5	9.009	82	238504	79.062	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	132647	80.652	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	608098	76.223	ng	0.00
79) Terphenyl-d14	19.843	244	1108846	76.469	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.363	88	32418	36.315	ng	94
3) Pyridine	3.751	79	95085	37.813	ng	95
4) n-Nitrosodimethylamine	3.668	42	64445	38.135	ng	95
6) Aniline	7.188	93	146054	37.558	ng	97
8) 2-Chlorophenol	7.423	128	93409	37.538	ng	99
9) Benzaldehyde	6.994	77	93054	40.491	ng	94
10) Phenol	7.053	94	119889	37.964	ng	97
11) bis(2-Chloroethyl)ether	7.282	93	84703	37.118	ng	93
12) 1,3-Dichlorobenzene	7.746	146	99310	37.824	ng	91
13) 1,4-Dichlorobenzene	7.893	146	100310	37.092	ng	96
14) 1,2-Dichlorobenzene	8.210	146	97678	37.362	ng	97
15) Benzyl Alcohol	8.092	79	99101	37.847	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.375	45	195310	37.149	ng	98
17) 2-Methylphenol	8.298	107	85415	37.522	ng	96
18) Hexachloroethane	8.939	117	40534	39.084	ng	96
19) n-Nitroso-di-n-propyla...	8.662	70	80606	37.186	ng	99
20) 3+4-Methylphenols	8.627	107	119223	37.089	ng	93
22) Acetophenone	8.674	105	162839	38.212	ng	# 93
24) Nitrobenzene	9.050	77	124876	39.831	ng	97
25) Isophorone	9.579	82	244449	38.499	ng	98
26) 2-Nitrophenol	9.761	139	55947	41.386	ng	95
27) 2,4-Dimethylphenol	9.826	122	94078	38.470	ng	88
28) bis(2-Chloroethoxy)met...	10.055	93	130313	38.117	ng	97
29) 2,4-Dichlorophenol	10.296	162	101104	40.120	ng	95
30) 1,2,4-Trichlorobenzene	10.507	180	104750	39.031	ng	99
31) Naphthalene	10.695	128	332754	38.267	ng	97
32) Benzoic acid	9.979	122	75563	36.509	ng	98
33) 4-Chloroaniline	10.801	127	133748	39.373	ng	94
34) Hexachlorobutadiene	10.989	225	76974	39.181	ng	95
35) Caprolactam	11.583	113	41575	41.202	ng	96
36) 4-Chloro-3-methylphenol	11.929	107	130327	39.712	ng	94
37) 2-Methylnaphthalene	12.305	142	251735	39.138	ng	100
38) 1-Methylnaphthalene	12.523	142	248307	38.917	ng	99
40) 1,2,4,5-Tetrachloroben...	12.675	216	134490	38.584	ng	98
41) Hexachlorocyclopentadiene	12.658	237	69960	42.949	ng	93
43) 2,4,6-Trichlorophenol	12.910	196	93621	39.122	ng	95

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 27 18:02:44 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	106369	40.120	ng	99
46) 1,1'-Biphenyl	13.316	154	346258	38.697	ng	99
47) 2-Chloronaphthalene	13.357	162	258342	38.683	ng	97
48) 2-Nitroaniline	13.557	65	99774	43.099	ng	94
49) Acenaphthylene	14.203	152	392109	39.551	ng	99
50) Dimethylphthalate	13.939	163	368150	38.880	ng	100
51) 2,6-Dinitrotoluene	14.056	165	77192	43.181	ng	96
52) Acenaphthene	14.544	154	267666	38.455	ng	99
53) 3-Nitroaniline	14.385	138	79801	43.276	ng	90
54) 2,4-Dinitrophenol	14.585	184	47000	41.545	ng	97
55) Dibenzofuran	14.879	168	425823	38.556	ng	99
56) 4-Nitrophenol	14.691	139	66049	41.368	ng	89
57) 2,4-Dinitrotoluene	14.843	165	114812	41.857	ng	# 98
58) Fluorene	15.531	166	351509	38.952	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.108	232	101446	40.443	ng	# 99
60) Diethylphthalate	15.308	149	401937	39.545	ng	97
61) 4-Chlorophenyl-phenyle...	15.525	204	176454	37.890	ng	97
62) 4-Nitroaniline	15.548	138	86401	43.336	ng	99
63) Azobenzene	15.819	77	354647	39.707	ng	96
65) 4,6-Dinitro-2-methylph...	15.607	198	71292	41.986	ng	95
66) n-Nitrosodiphenylamine	15.742	169	309016	38.329	ng	98
67) 4-Bromophenyl-phenylether	16.418	248	120700	38.540	ng	96
68) Hexachlorobenzene	16.536	284	131336	39.021	ng	97
69) Atrazine	16.694	200	133672	39.187	ng	98
70) Pentachlorophenol	16.876	266	91563	42.865	ng	95
71) Phenanthrene	17.264	178	600164	38.997	ng	98
72) Anthracene	17.352	178	616176	39.529	ng	99
73) Carbazole	17.623	167	546006	39.225	ng	100
74) Di-n-butylphthalate	18.192	149	660901	39.032	ng	98
75) Fluoranthene	19.274	202	703983	38.273	ng	99
77) Benzidine	19.456	184	253283	39.929	ng	99
78) Pyrene	19.638	202	739952	38.752	ng	99
80) Butylbenzylphthalate	20.537	149	295808	41.295	ng	99
81) Benzo(a)anthracene	21.436	228	756400	38.632	ng	98
82) 3,3'-Dichlorobenzidine	21.353	252	255851	40.488	ng	100
83) Chrysene	21.500	228	722053	38.343	ng	100
84) Bis(2-ethylhexyl)phtha...	21.365	149	431986	40.133	ng	98
85) Di-n-octyl phthalate	22.505	149	756547	39.801	ng	100
87) Indeno(1,2,3-cd)pyrene	27.863	276	886912	39.283	ng	# 97
88) Benzo(b)fluoranthene	23.516	252	735427m	39.255	ng	
89) Benzo(k)fluoranthene	23.580	252	754367	39.203	ng	100
90) Benzo(a)pyrene	24.326	252	687704	39.393	ng	98
91) Dibenzo(a,h)anthracene	27.922	278	714711	39.234	ng	99
92) Benzo(g,h,i)perylene	28.915	276	689813	39.174	ng	99

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

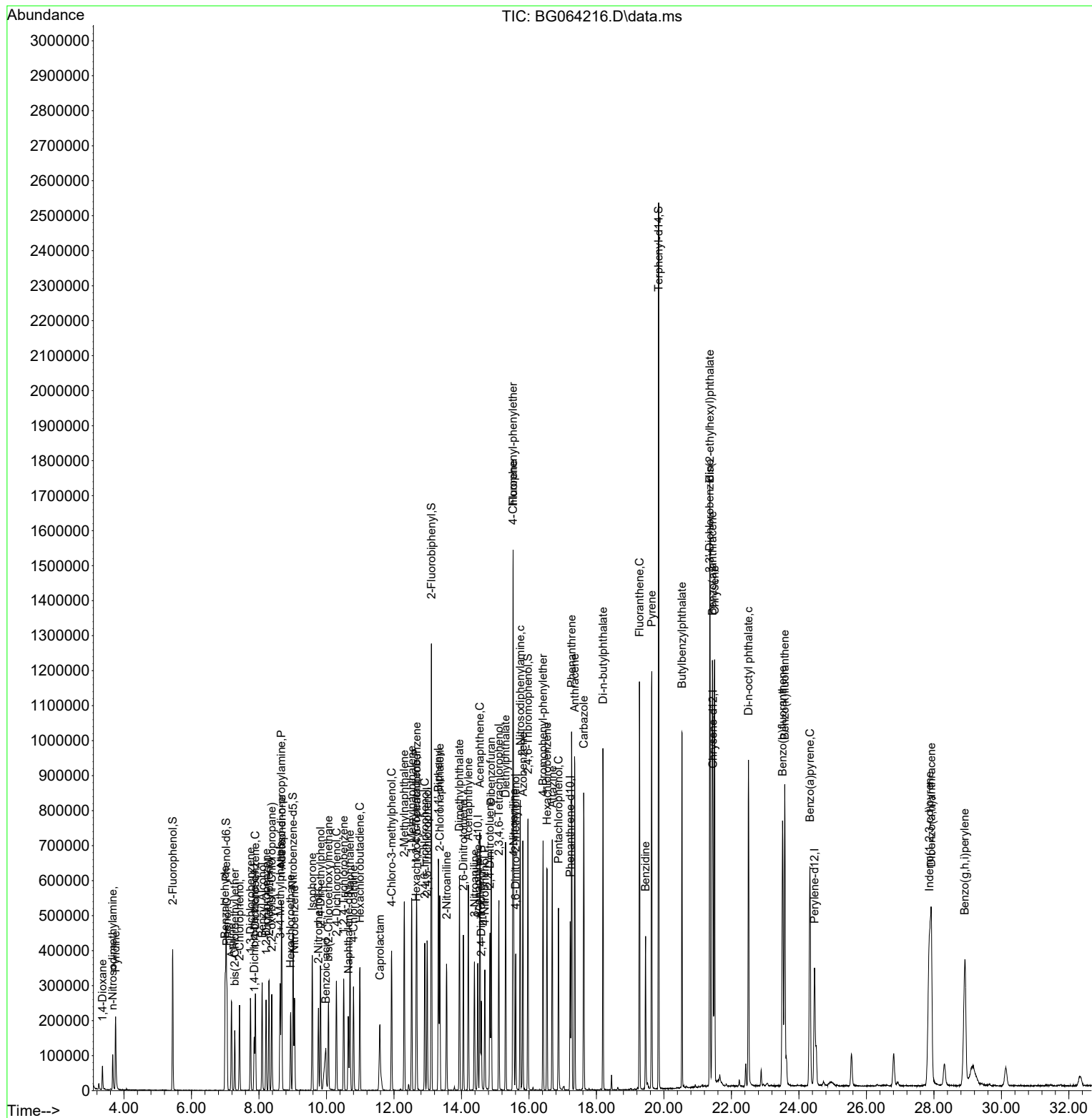
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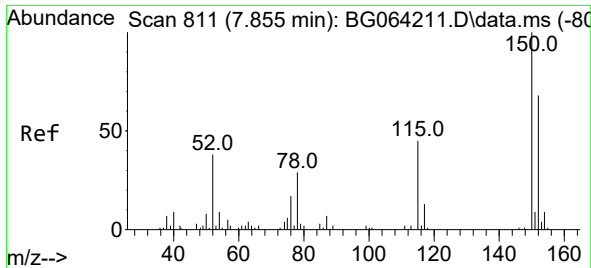
Instrument :
 BNA_G
 ClientSampleId :
 PB169325TB

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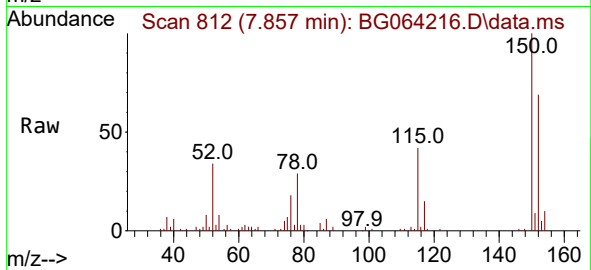
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 811
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

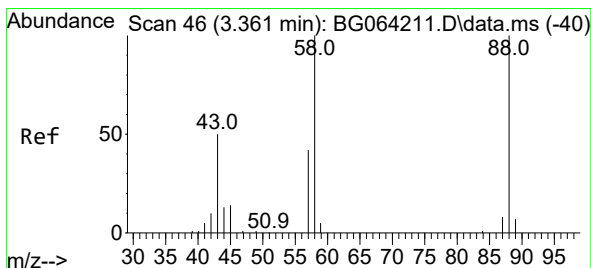
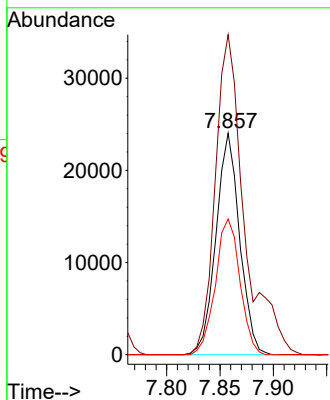
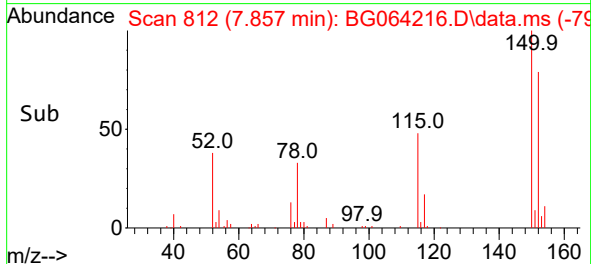
Instrument :
BNA_G
ClientSampleId :
PB169325TB



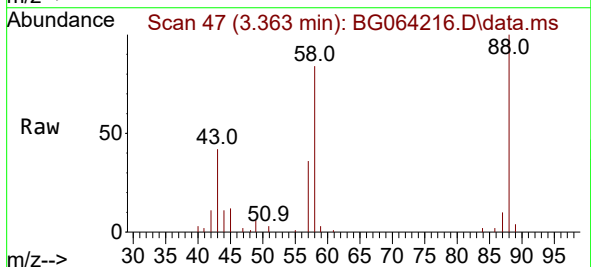
Tgt Ion:152 Resp: 37118
Ion Ratio Lower Upper
152 100
150 144.5 117.6 176.4
115 61.3 53.1 79.7

Manual Integrations
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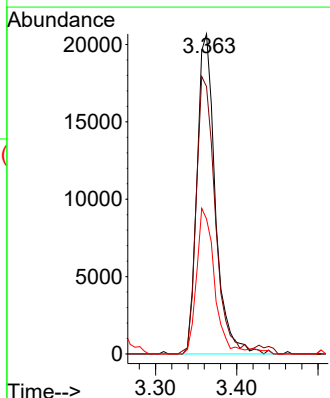
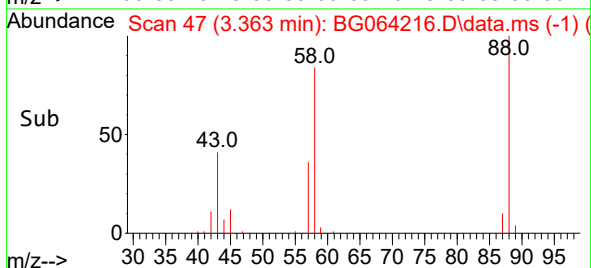
Reviewed By :Rahul Chavli 08/28/2025
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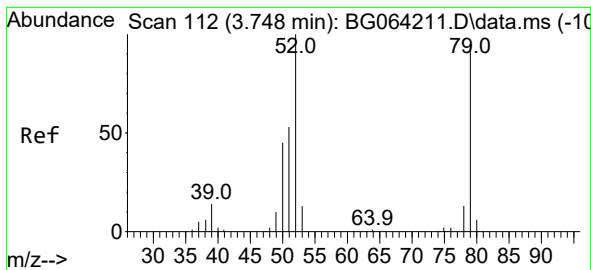


#2
1,4-Dioxane
Concen: 36.315 ng
RT: 3.363 min Scan# 47
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02



Tgt Ion: 88 Resp: 32418
Ion Ratio Lower Upper
88 100
58 89.4 76.8 115.2
43 44.3 38.0 57.0





#3

Pyridine

Concen: 37.813 ng

RT: 3.751 min Scan# 112

Delta R.T. 0.002 min

Lab File: BG064216.D

Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB

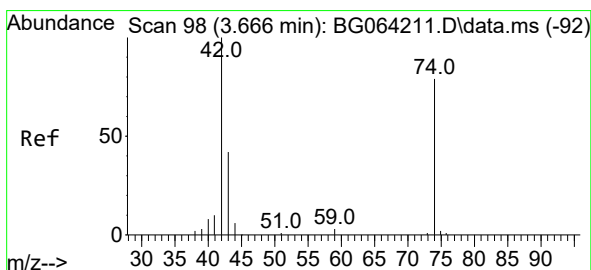
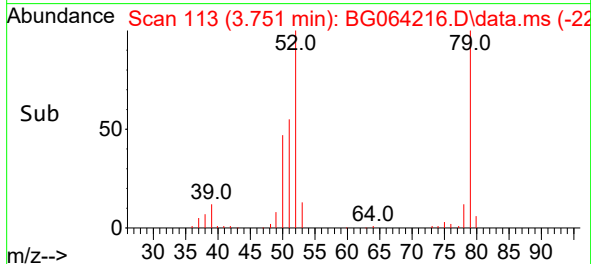
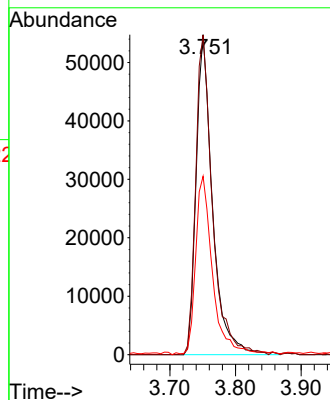
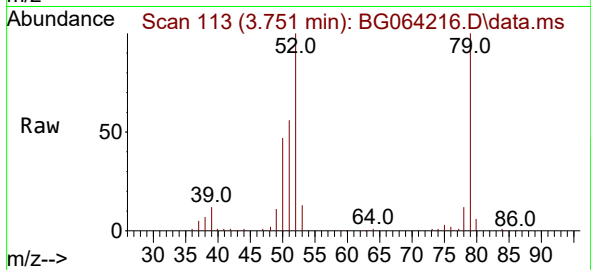
Tgt Ion:	79	Resp:	9508
Ion Ratio	Lower	Upper	
79	100		
52	99.9	85.5	128.3
51	55.8	45.7	68.5

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#4

n-Nitrosodimethylamine

Concen: 38.135 ng

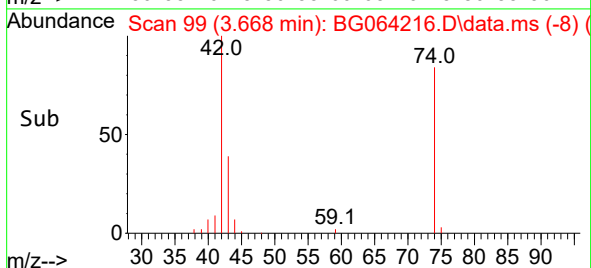
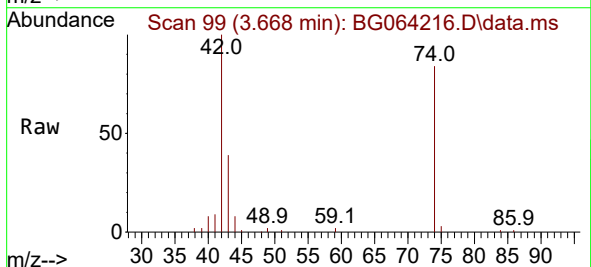
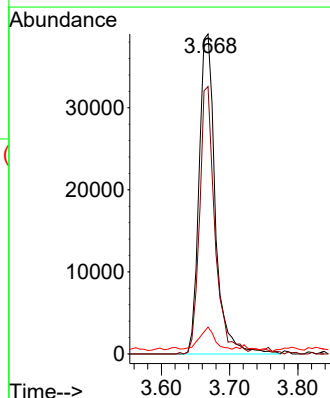
RT: 3.668 min Scan# 99

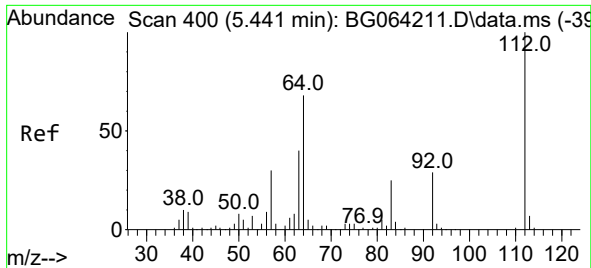
Delta R.T. 0.002 min

Lab File: BG064216.D

Acq: 27 Aug 2025 19:02

Tgt Ion:	42	Resp:	64445
Ion Ratio	Lower	Upper	
42	100		
74	83.5	62.9	94.3
44	8.4	6.5	9.7





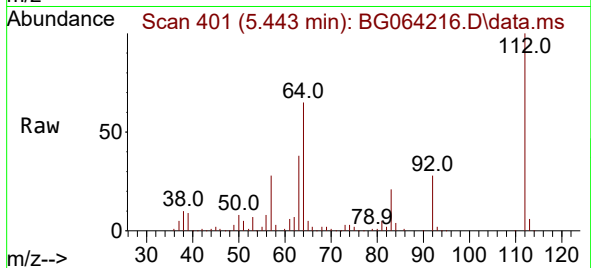
#5
2-Fluorophenol
Concen: 79.816 ng
RT: 5.443 min Scan# 400
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

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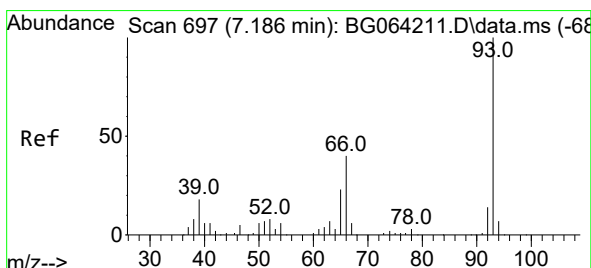
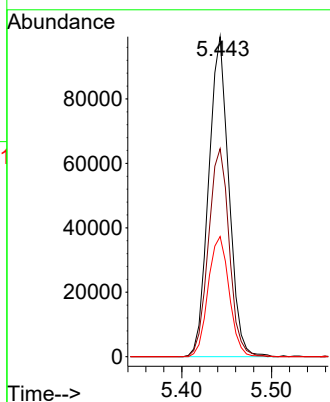
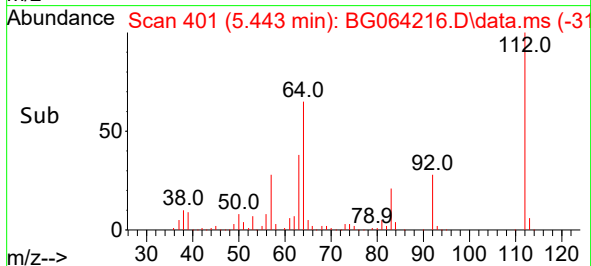
Tgt Ion:112 Resp: 154650
Ion Ratio Lower Upper
112 100
64 65.0 54.1 81.1
63 37.5 32.4 48.6

Manual Integrations

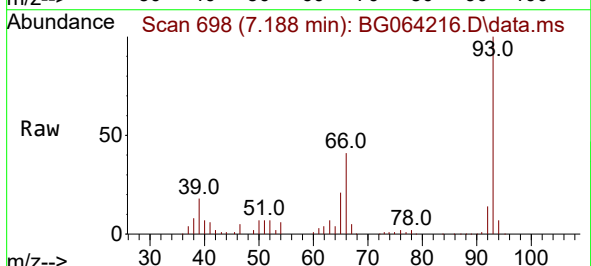
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Reviewed By :Rahul Chavli 08/28/2025

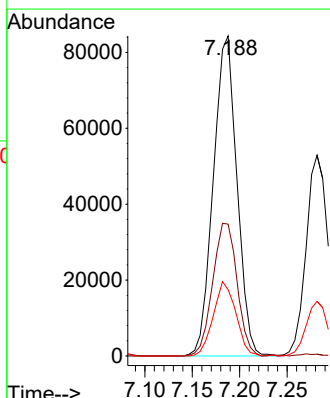
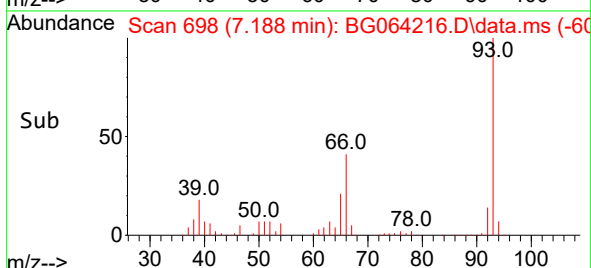
Supervised By :Jagrut Upadhyay 08/28/2025

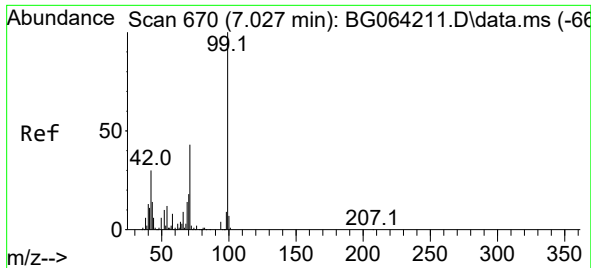


#6
Aniline
Concen: 37.558 ng
RT: 7.188 min Scan# 698
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02



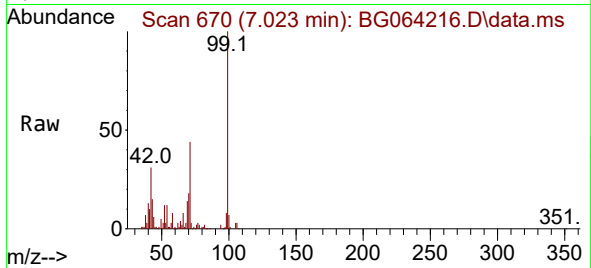
Tgt Ion: 93 Resp: 146054
Ion Ratio Lower Upper
93 100
66 41.2 31.8 47.8
65 20.7 18.0 27.0





#7
Phenol-d6
Concen: 75.187 ng
RT: 7.023 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

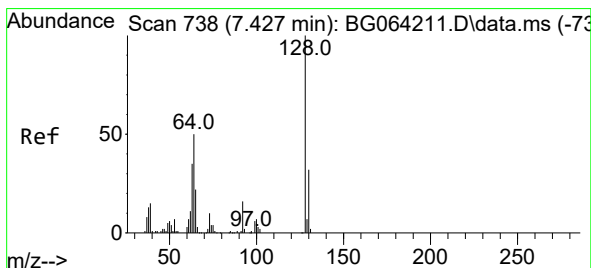
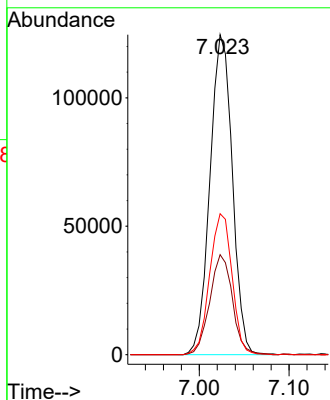
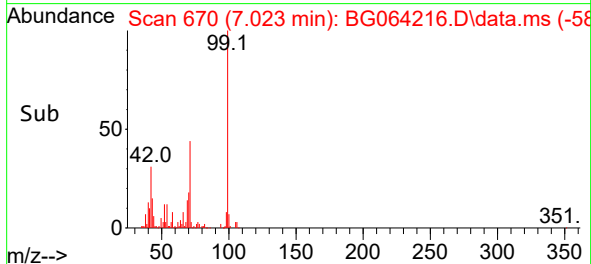
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Tgt Ion: 99 Resp: 215414
Ion Ratio Lower Upper
99 100
42 31.2 24.2 36.2
71 44.0 34.6 52.0

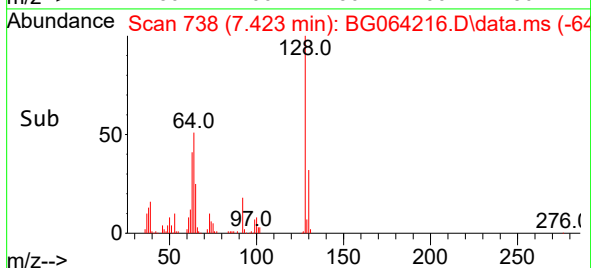
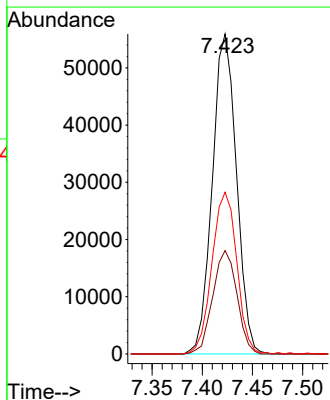
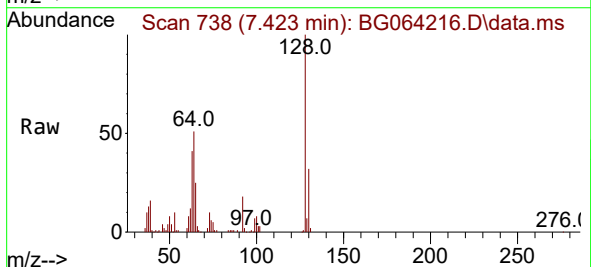
Manual Integrations
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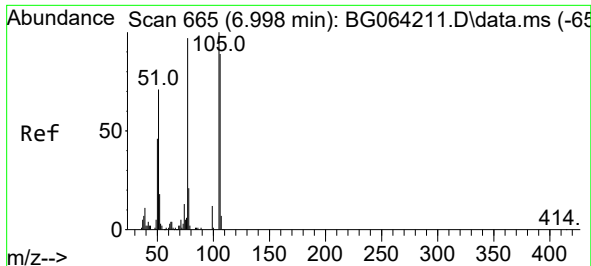
Reviewed By :Rahul Chavli 08/28/2025
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#8
2-Chlorophenol
Concen: 37.538 ng
RT: 7.423 min Scan# 738
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Tgt Ion:128 Resp: 93409
Ion Ratio Lower Upper
128 100
130 32.3 11.8 51.8
64 50.5 30.2 70.2





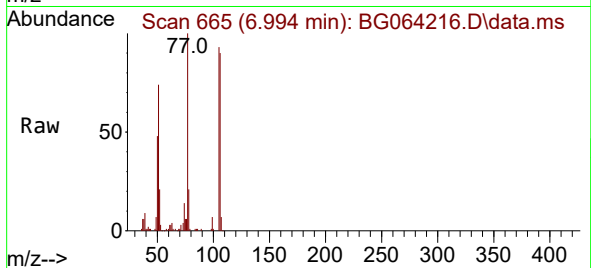
#9
Benzaldehyde
Concen: 40.491 ng
RT: 6.994 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB



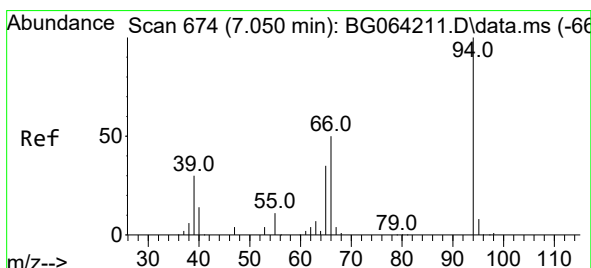
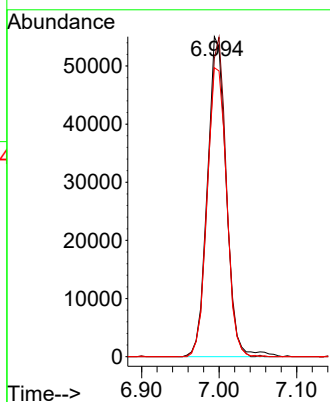
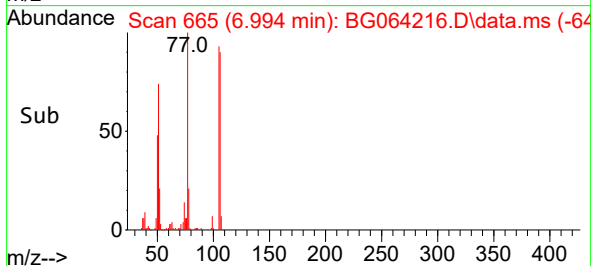
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Ion Ratio Lower Upper
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106 90.3 72.0 112.0

Manual Integrations

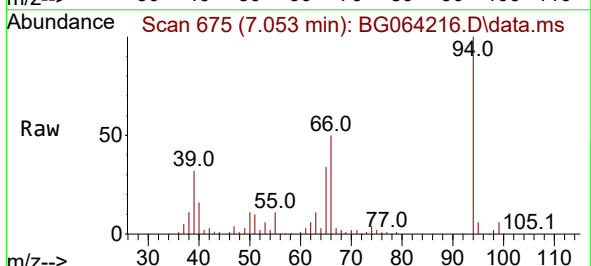
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Reviewed By :Rahul Chavli 08/28/2025

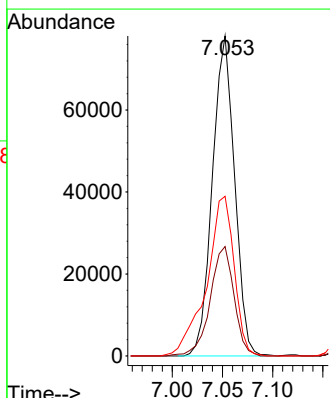
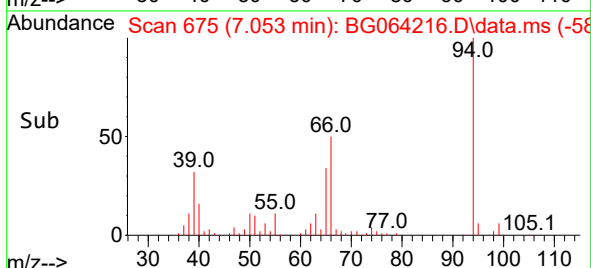
Supervised By :Jagrut Upadhyay 08/28/2025

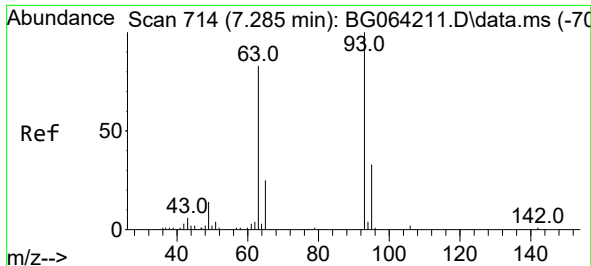


#10
Phenol
Concen: 37.964 ng
RT: 7.053 min Scan# 675
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02



Tgt Ion: 94 Resp: 119889
Ion Ratio Lower Upper
94 100
65 34.2 15.2 55.2
66 49.9 32.4 72.4





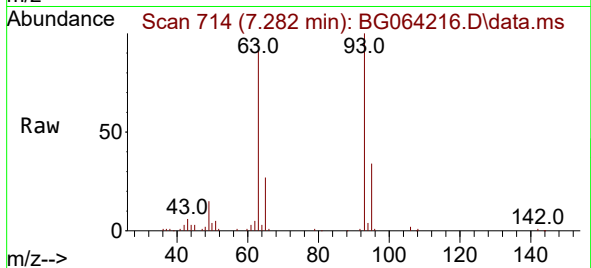
#11
bis(2-Chloroethyl)ether
Concen: 37.118 ng
RT: 7.282 min Scan# 714
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB



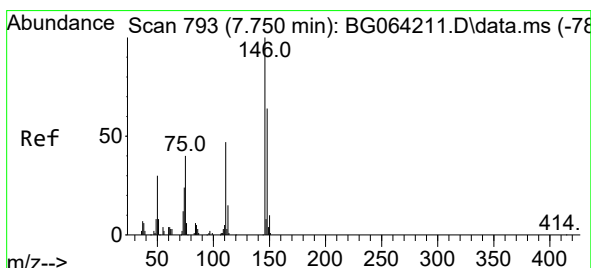
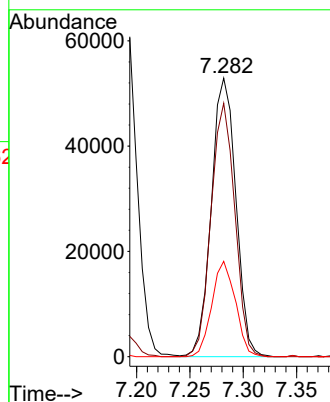
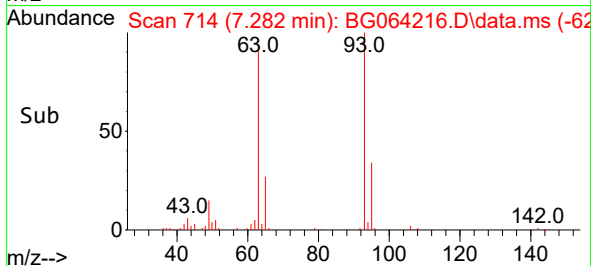
Tgt Ion: 93 Resp: 8470
Ion Ratio Lower Upper
93 100
63 91.0 63.2 103.2
95 34.2 12.6 52.6

Manual Integrations

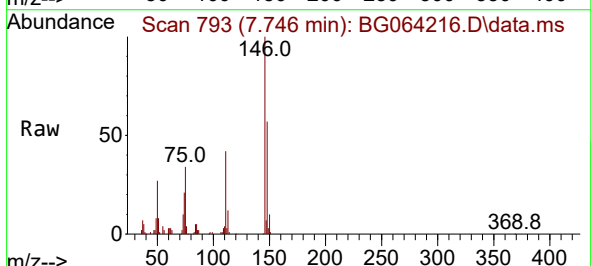
APPROVED

Reviewed By :Rahul Chavli 08/28/2025

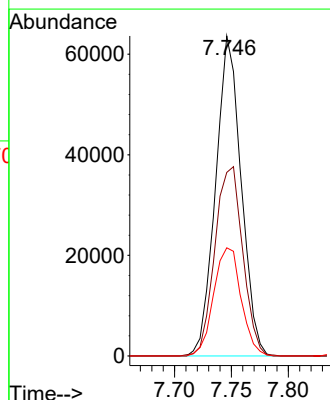
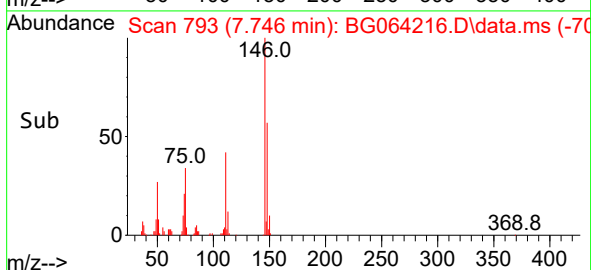
Supervised By :Jagrut Upadhyay 08/28/2025

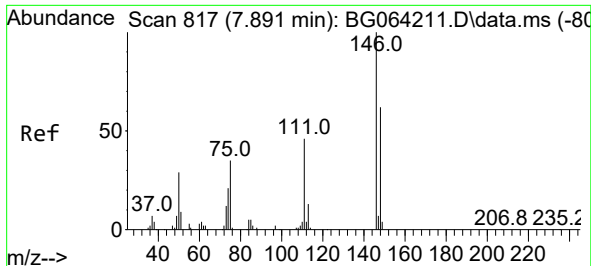


#12
1,3-Dichlorobenzene
Concen: 37.824 ng
RT: 7.746 min Scan# 793
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02



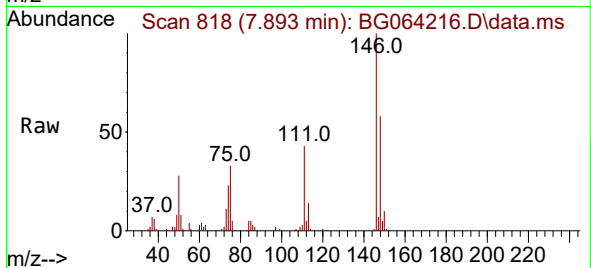
Tgt Ion:146 Resp: 99310
Ion Ratio Lower Upper
146 100
148 57.3 51.0 76.6
75 33.8 32.2 48.4





#13
1,4-Dichlorobenzene
Concen: 37.092 ng
RT: 7.893 min Scan# 817
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

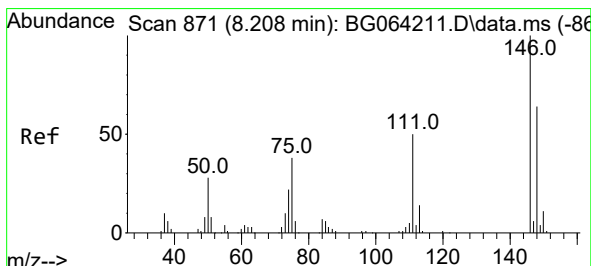
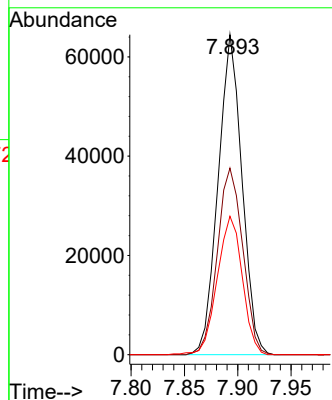
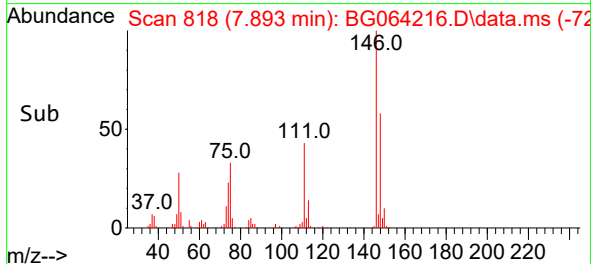
Instrument :
BNA_G
ClientSampleId :
PB169325TB



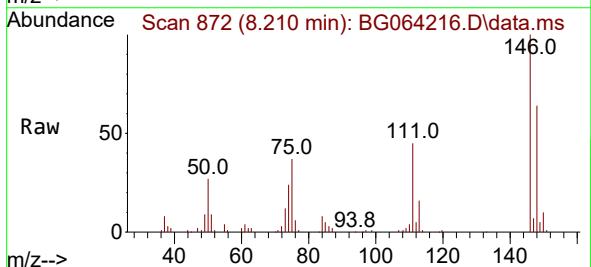
Tgt Ion:146 Resp: 100310
Ion Ratio Lower Upper
146 100
148 58.3 49.5 74.3
111 43.3 36.4 54.6

Manual Integrations
APPROVED

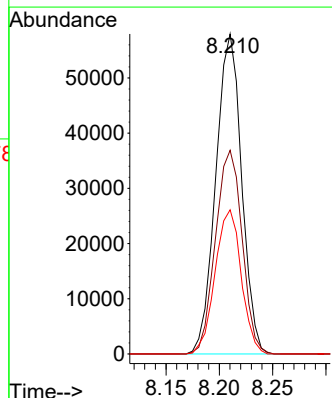
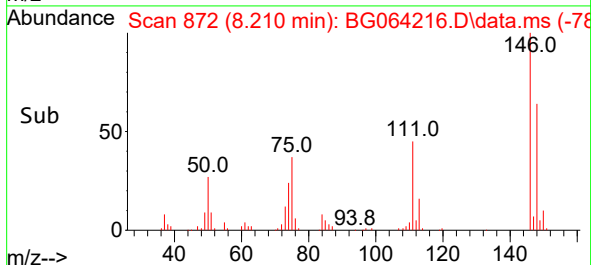
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

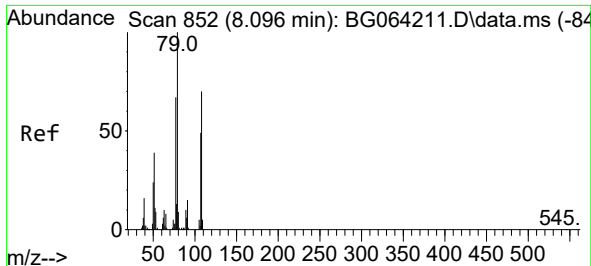


#14
1,2-Dichlorobenzene
Concen: 37.362 ng
RT: 8.210 min Scan# 872
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02



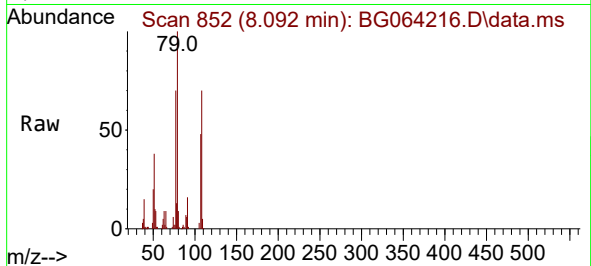
Tgt Ion:146 Resp: 97678
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
111 45.1 39.8 59.6





#15
Benzyl Alcohol
Concen: 37.847 ng
RT: 8.092 min Scan# 810
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

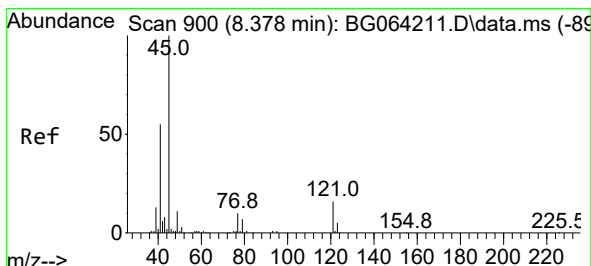
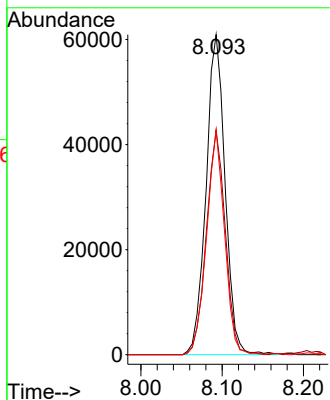
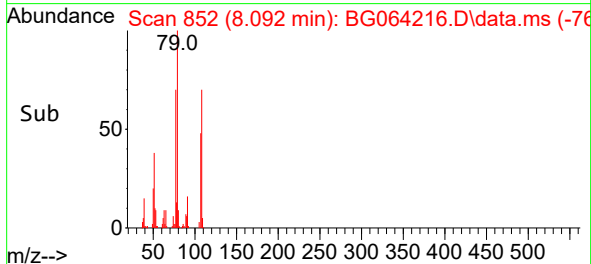
Instrument :
BNA_G
ClientSampleId :
PB169325TB



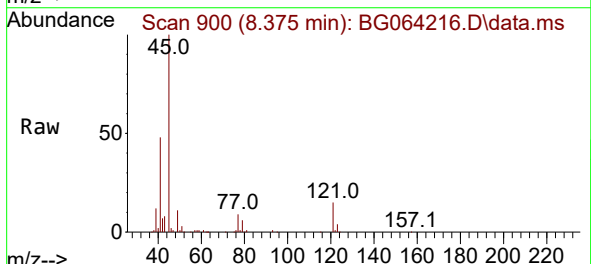
Tgt Ion: 79 Resp: 9910
Ion Ratio Lower Upper
79 100
108 70.0 56.2 84.2
77 70.2 53.7 80.5

Manual Integrations
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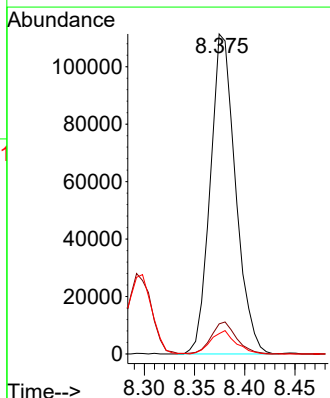
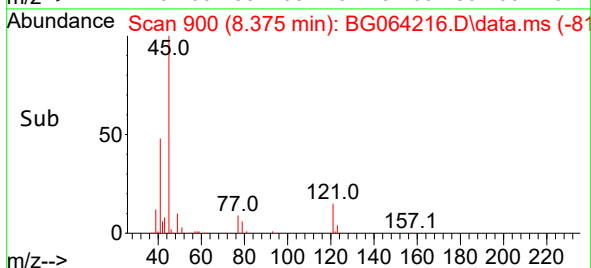
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

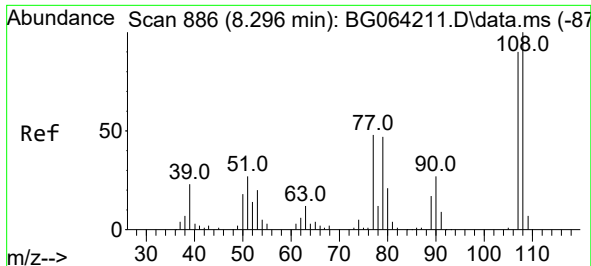


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.149 ng
RT: 8.375 min Scan# 900
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02



Tgt Ion: 45 Resp: 195310
Ion Ratio Lower Upper
45 100
77 9.4 0.0 29.7
79 6.4 0.0 27.5





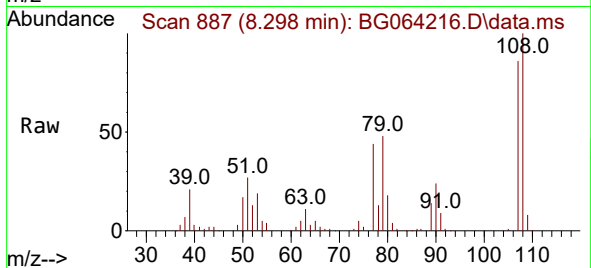
#17
2-Methylphenol
Concen: 37.522 ng
RT: 8.298 min Scan# 887
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB



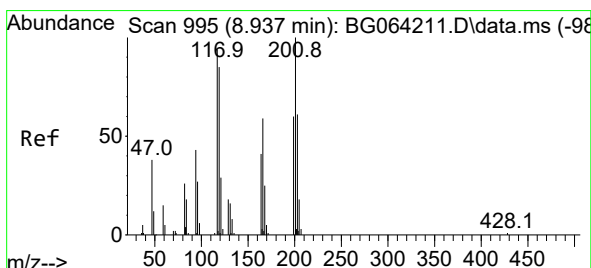
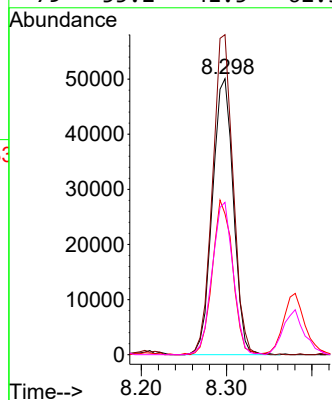
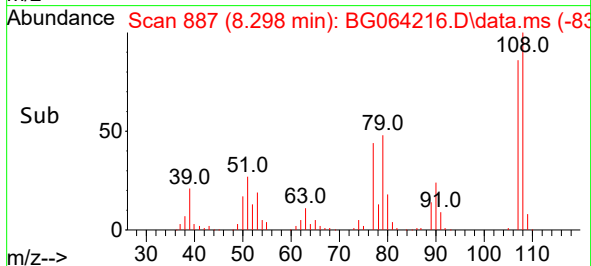
Tgt Ion:107 Resp: 8541
Ion Ratio Lower Upper
107 100
108 115.9 89.1 133.7
77 51.0 43.1 64.7
79 55.2 41.5 62.3

Manual Integrations

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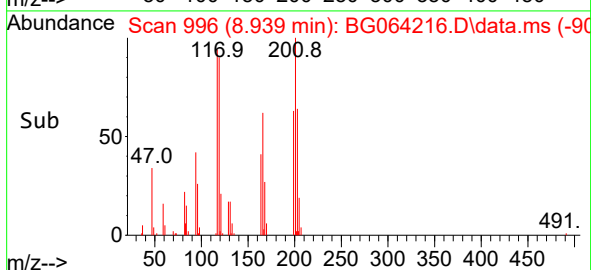
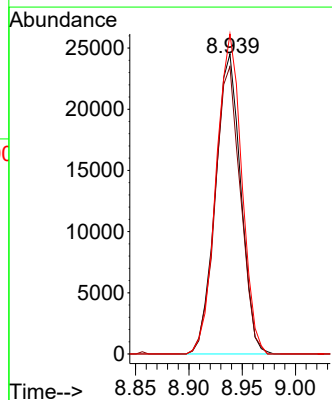
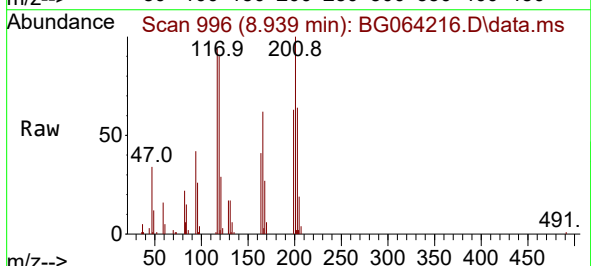
Reviewed By :Rahul Chavli 08/28/2025

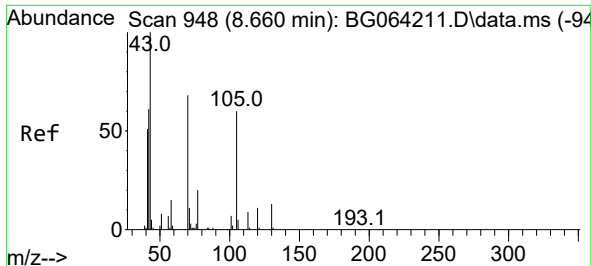
Supervised By :Jagrut Upadhyay 08/28/2025



#18
Hexachloroethane
Concen: 39.084 ng
RT: 8.939 min Scan# 996
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

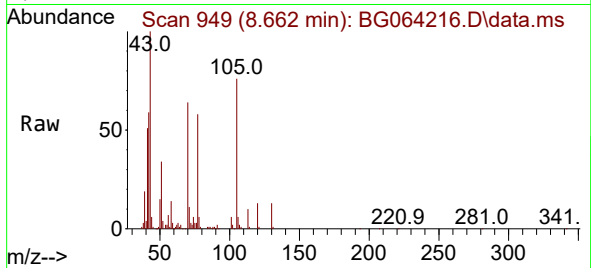
Tgt Ion:117 Resp: 40534
Ion Ratio Lower Upper
117 100
119 95.9 71.6 107.4
201 106.7 83.9 125.9





#19
n-Nitroso-di-n-propylamine
Concen: 37.186 ng
RT: 8.662 min Scan# 948
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

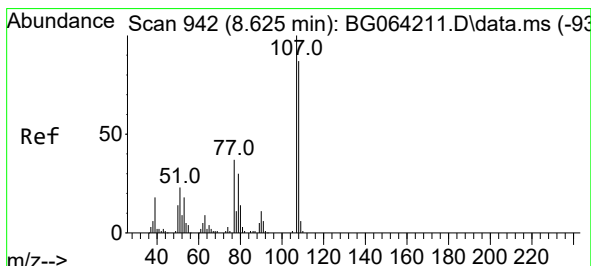
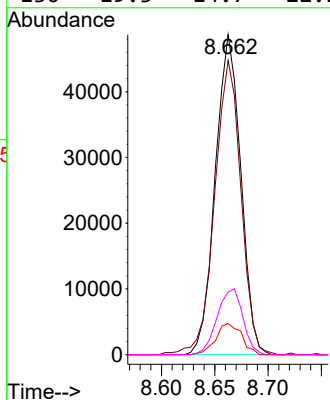
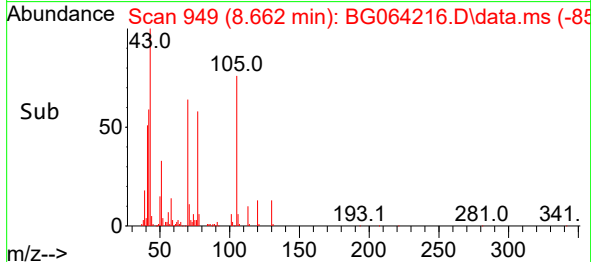
Instrument :
BNA_G
ClientSampleId :
PB169325TB



Tgt Ion: 70 Resp: 80600
Ion Ratio Lower Upper
70 100
42 91.9 73.2 109.8
101 9.7 8.2 12.2
130 19.5 14.7 22.1

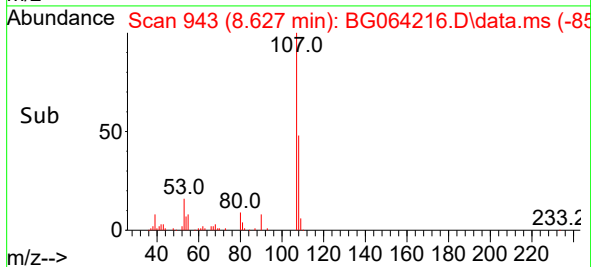
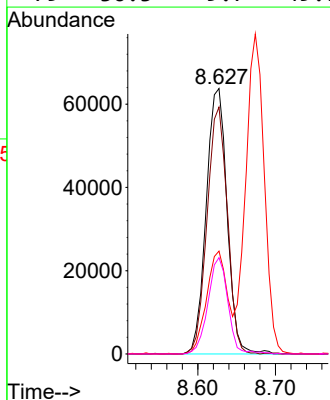
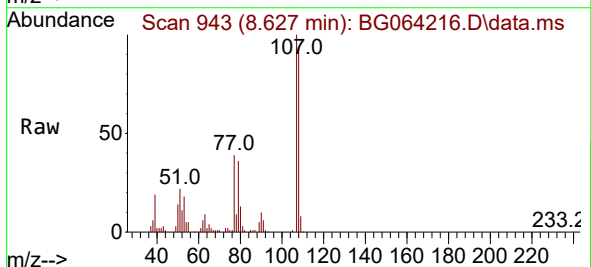
Manual Integrations
APPROVED

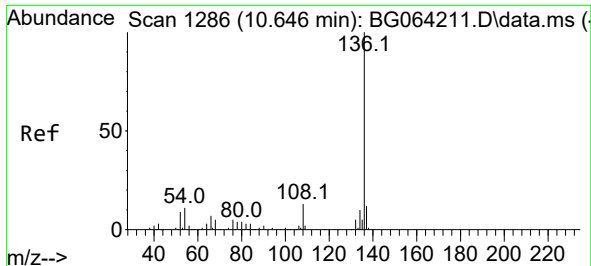
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#20
3+4-Methylphenols
Concen: 37.089 ng
RT: 8.627 min Scan# 943
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

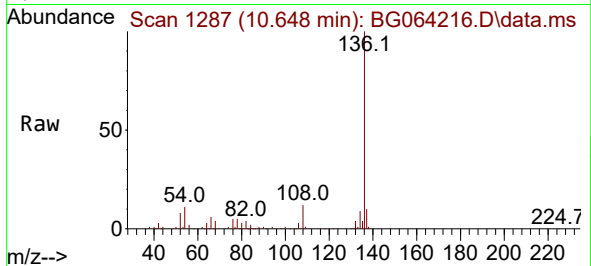
Tgt Ion:107 Resp: 119223
Ion Ratio Lower Upper
107 100
108 93.0 66.5 106.5
77 38.8 16.8 56.8
79 36.3 9.7 49.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.648 min Scan# 1286
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

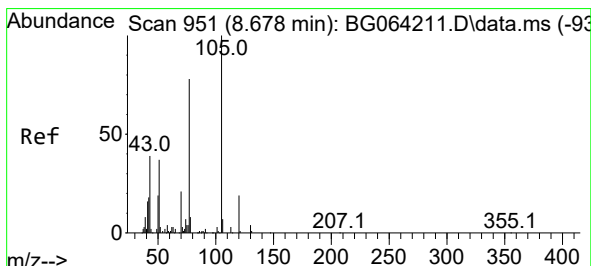
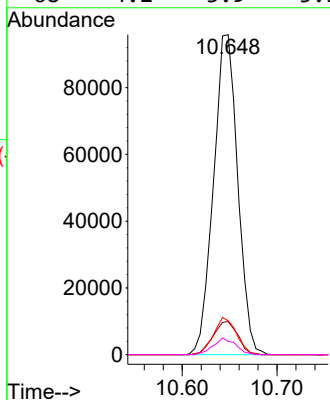
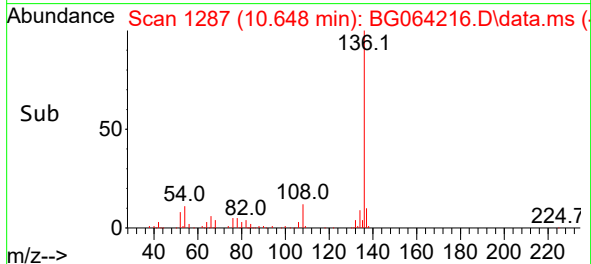
Instrument :
BNA_G
ClientSampleId :
PB169325TB



Tgt Ion:136 Resp: 170308
Ion Ratio Lower Upper
136 100
137 10.4 9.7 14.5
54 10.6 8.6 12.8
68 4.2 3.9 5.9

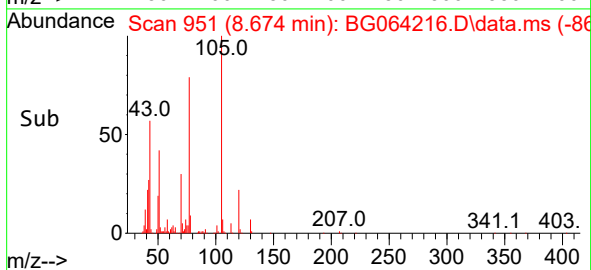
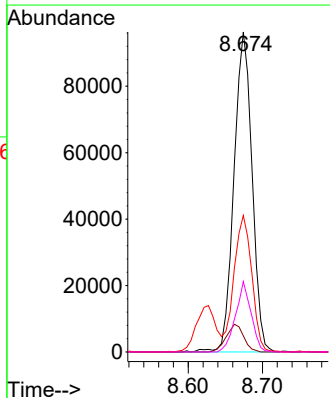
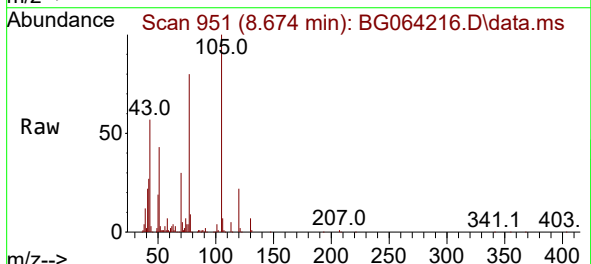
Manual Integrations
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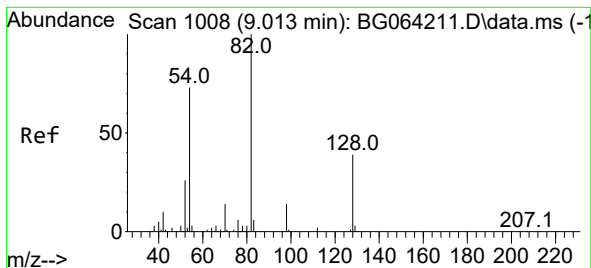
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#22
Acetophenone
Concen: 38.212 ng
RT: 8.674 min Scan# 951
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Tgt Ion:105 Resp: 162839
Ion Ratio Lower Upper
105 100
71 5.1 2.7 4.1#
51 42.7 30.5 45.7
120 22.0 15.2 22.8





#23
Nitrobenzene-d5
Concen: 79.062 ng
RT: 9.009 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

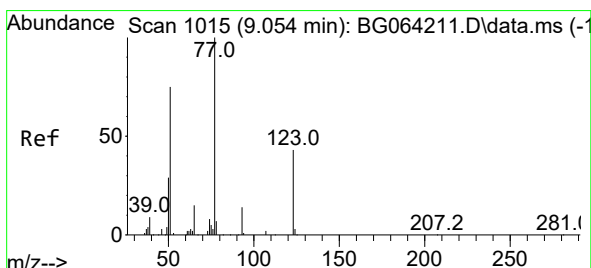
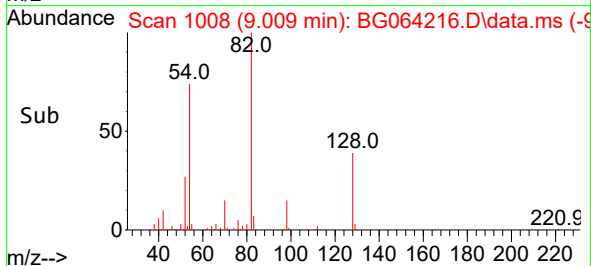
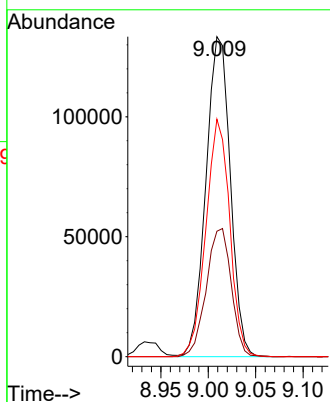
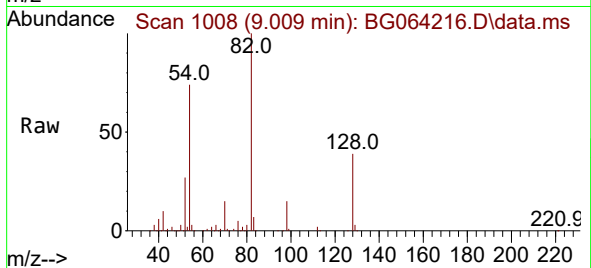
ClientSampleId :

PB169325TB

Tgt Ion: 82 Resp: 238504
Ion Ratio Lower Upper
82 100
128 39.2 31.4 47.2
54 74.2 58.3 87.5

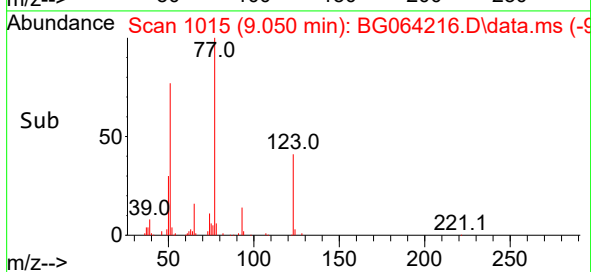
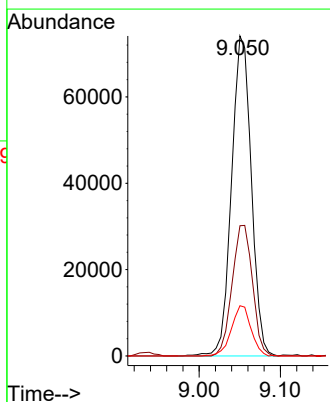
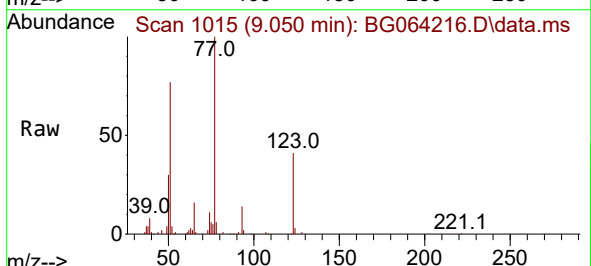
Manual Integrations
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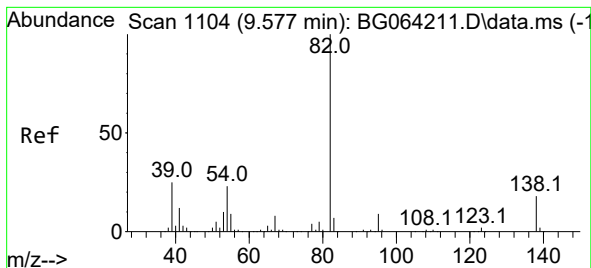
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#24
Nitrobenzene
Concen: 39.831 ng
RT: 9.050 min Scan# 1015
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Tgt Ion: 77 Resp: 124876
Ion Ratio Lower Upper
77 100
123 40.7 34.4 51.6
65 15.7 12.2 18.2





#25

Isophorone

Concen: 38.499 ng

RT: 9.579 min Scan# 1104

Delta R.T. 0.002 min

Lab File: BG064216.D

Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB

Tgt Ion: 82 Resp: 244449

Ion Ratio Lower Upper

82 100

95 8.2 7.0 10.4

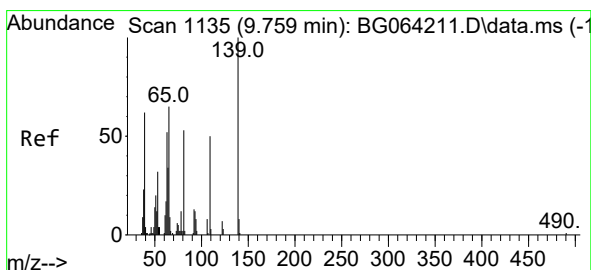
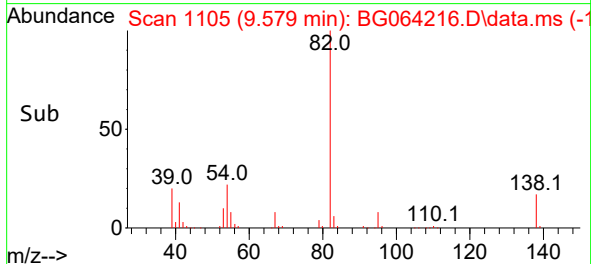
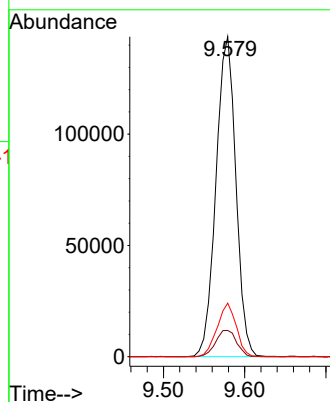
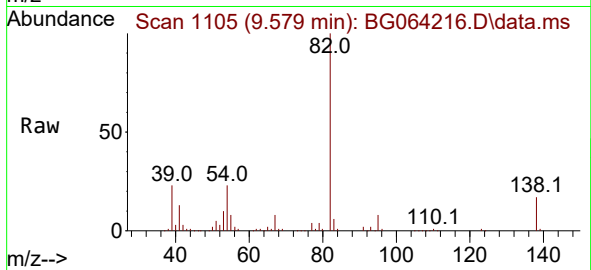
138 16.8 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#26

2-Nitrophenol

Concen: 41.386 ng

RT: 9.761 min Scan# 1136

Delta R.T. 0.002 min

Lab File: BG064216.D

Acq: 27 Aug 2025 19:02

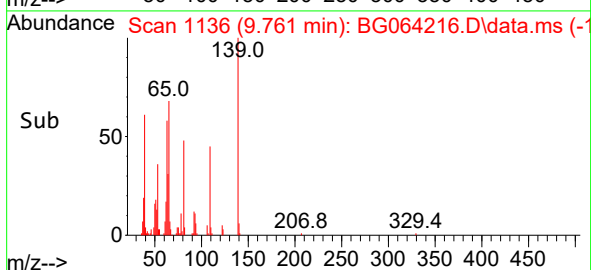
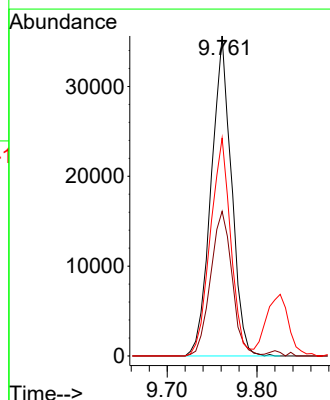
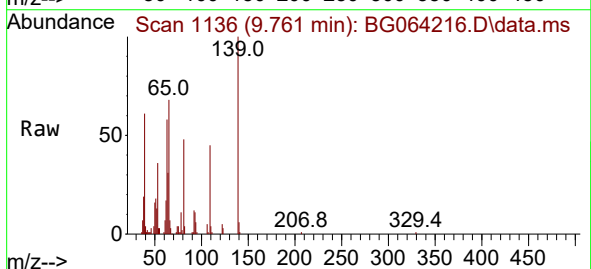
Tgt Ion:139 Resp: 55947

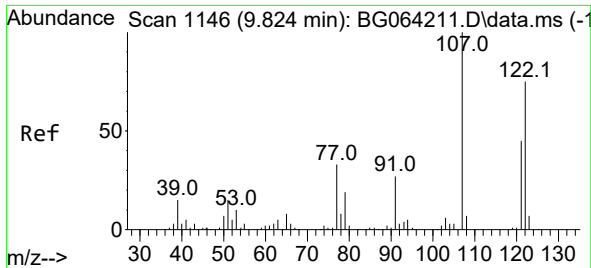
Ion Ratio Lower Upper

139 100

109 45.2 40.4 60.6

65 68.1 52.2 78.2





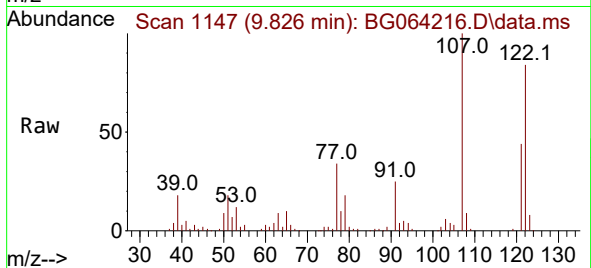
#27
2,4-Dimethylphenol
Concen: 38.470 ng
RT: 9.826 min Scan# 1146
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB



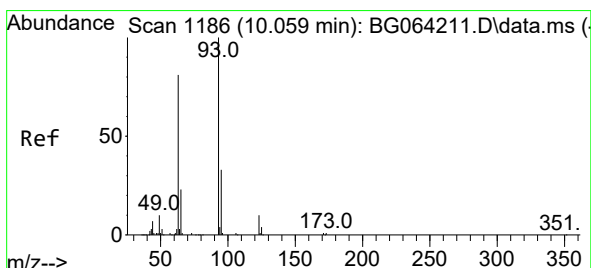
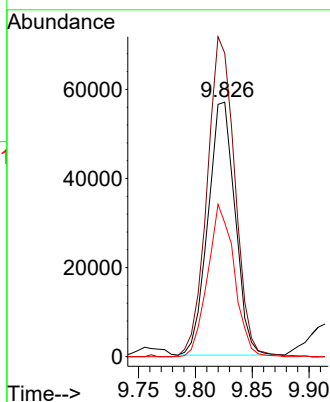
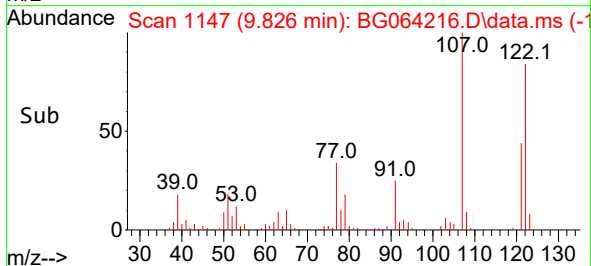
Tgt Ion:122 Resp: 94078
Ion Ratio Lower Upper
122 100
107 119.1 106.6 159.8
121 52.5 48.5 72.7

Manual Integrations

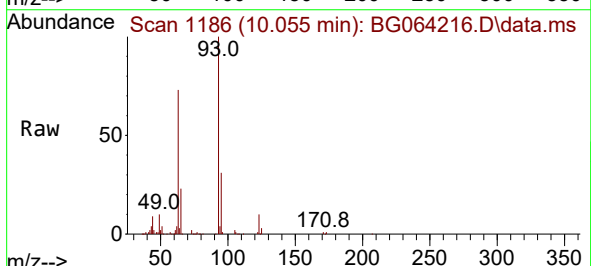
APPROVED

Reviewed By :Rahul Chavli 08/28/2025

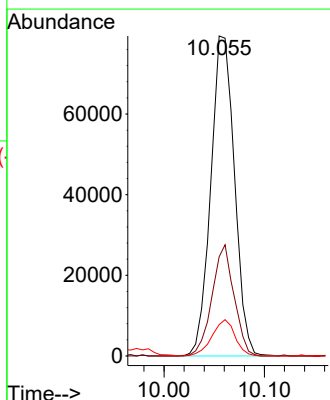
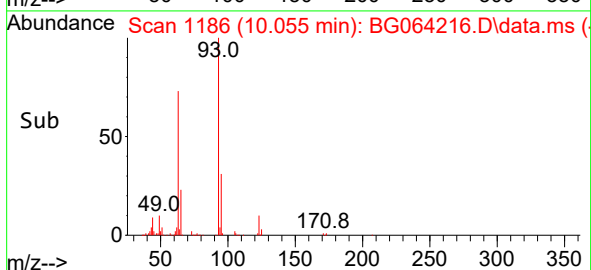
Supervised By :Jagrut Upadhyay 08/28/2025

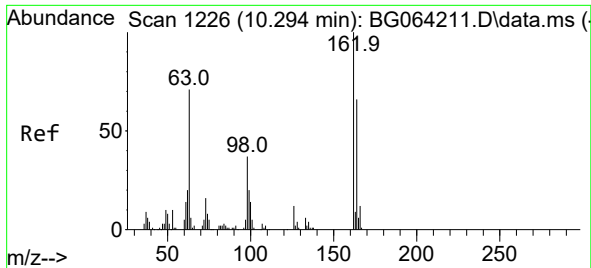


#28
bis(2-Chloroethoxy)methane
Concen: 38.117 ng
RT: 10.055 min Scan# 1186
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02



Tgt Ion: 93 Resp: 130313
Ion Ratio Lower Upper
93 100
95 31.0 26.5 39.7
123 9.8 8.1 12.1





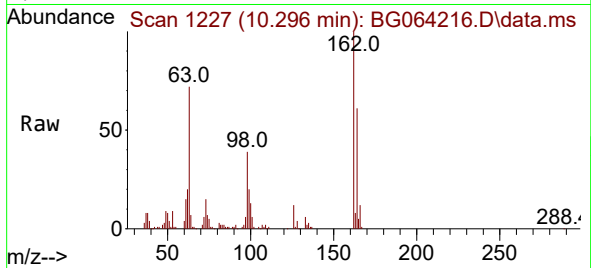
#29
2,4-Dichlorophenol
Concen: 40.120 ng
RT: 10.296 min Scan# 1227
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB

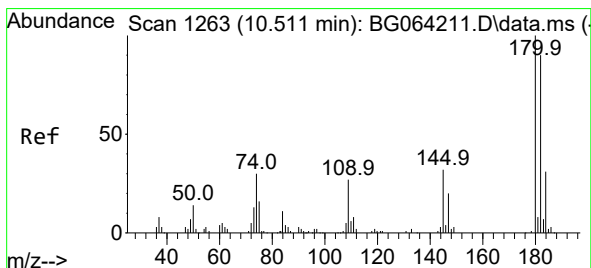
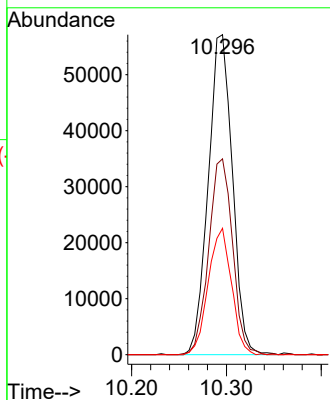
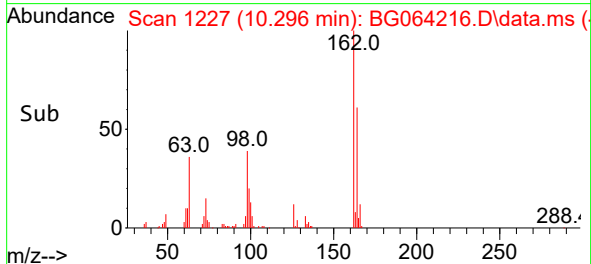


Tgt Ion:162 Resp: 101104
Ion Ratio Lower Upper
162 100
164 61.2 45.9 85.9
98 39.5 17.3 57.3

Manual Integrations

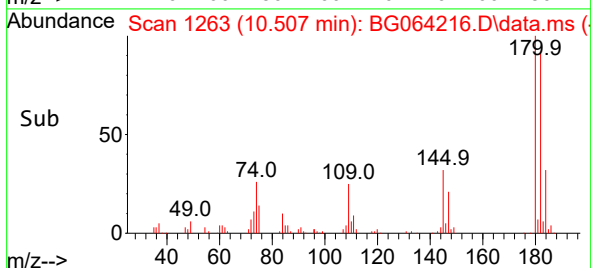
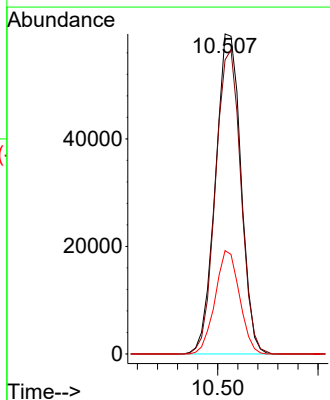
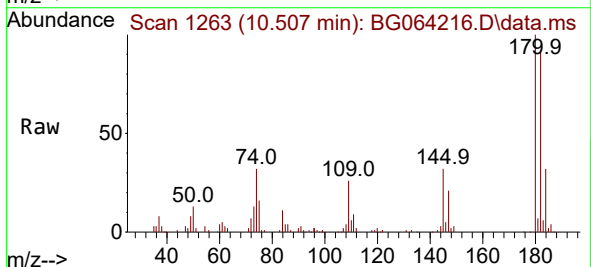
APPROVED

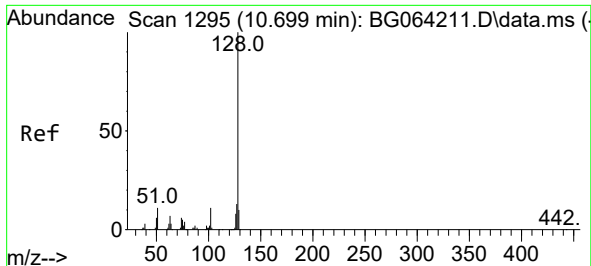
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#30
1,2,4-Trichlorobenzene
Concen: 39.031 ng
RT: 10.507 min Scan# 1263
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

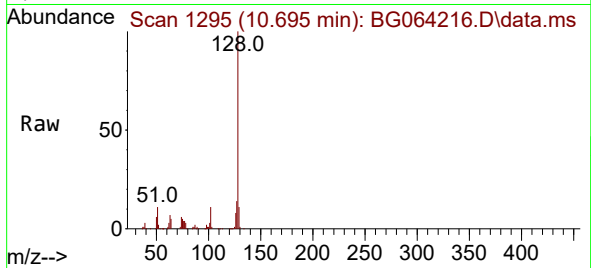
Tgt Ion:180 Resp: 104750
Ion Ratio Lower Upper
180 100
182 91.9 72.1 108.1
145 32.3 25.8 38.6





#31
Naphthalene
Concen: 38.267 ng
RT: 10.695 min Scan# 1172
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

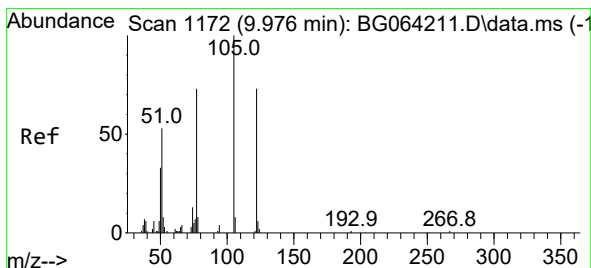
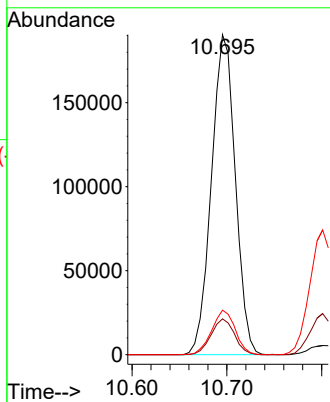
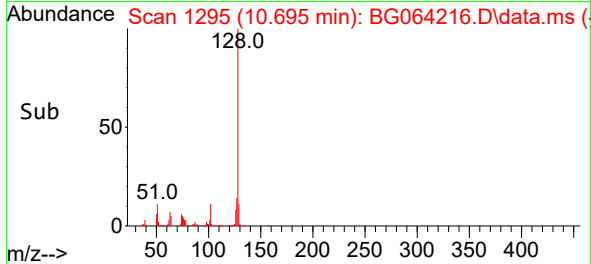
Instrument :
BNA_G
ClientSampleId :
PB169325TB



Tgt Ion:128 Resp: 332754
Ion Ratio Lower Upper
128 100
129 11.2 8.1 12.1
127 13.9 10.2 15.4

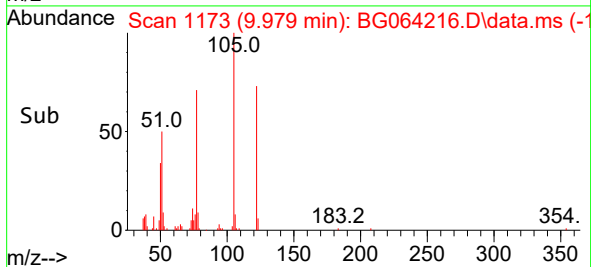
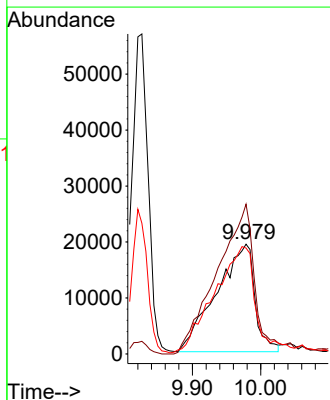
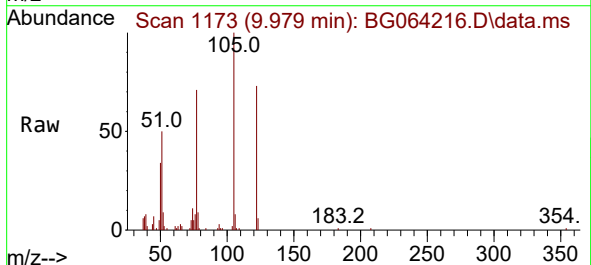
Manual Integrations
APPROVED

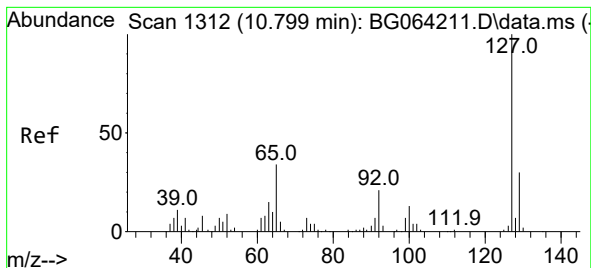
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#32
Benzoic acid
Concen: 36.509 ng
RT: 9.979 min Scan# 1173
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Tgt Ion:122 Resp: 75563
Ion Ratio Lower Upper
122 100
105 136.4 115.7 155.7
77 96.6 80.9 120.9





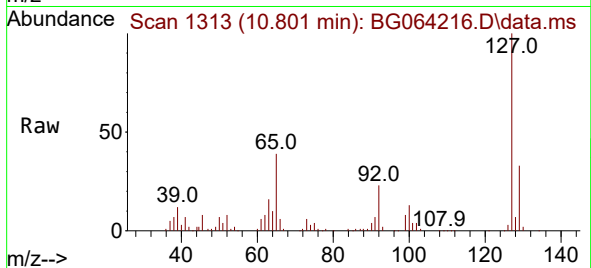
#33
4-Chloroaniline
Concen: 39.373 ng
RT: 10.801 min Scan# 1313
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB



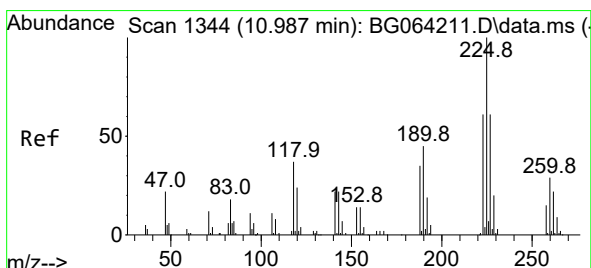
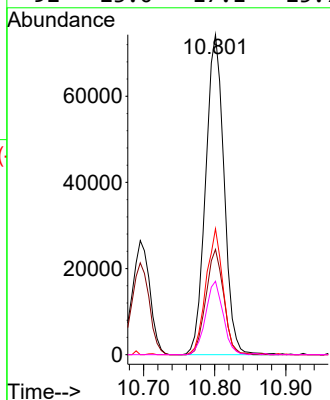
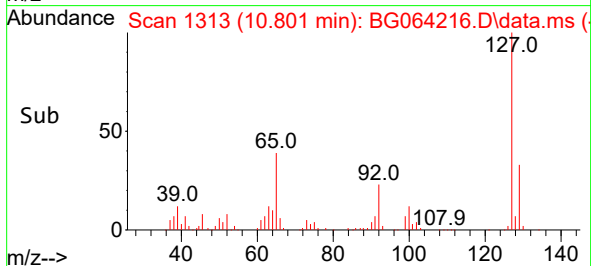
Tgt Ion:127 Resp: 133748
Ion Ratio Lower Upper
127 100
129 32.9 23.9 35.9
65 39.3 27.4 41.2
92 23.0 17.1 25.7

Manual Integrations

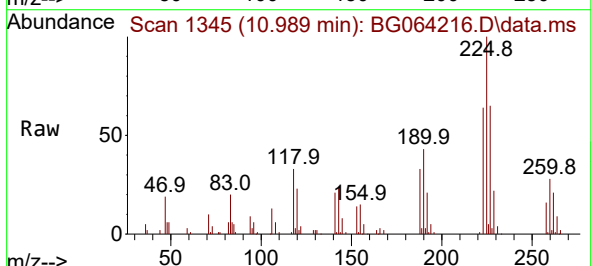
APPROVED

Reviewed By :Rahul Chavli 08/28/2025

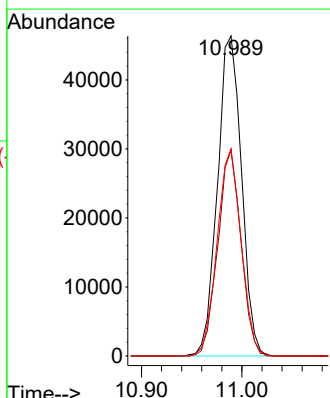
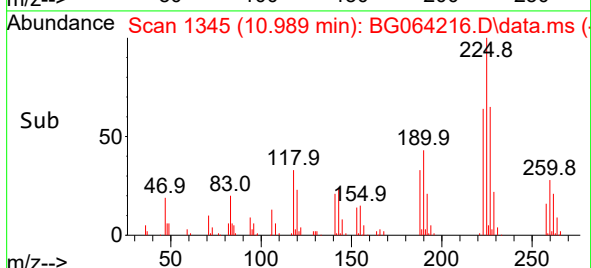
Supervised By :Jagrut Upadhyay 08/28/2025

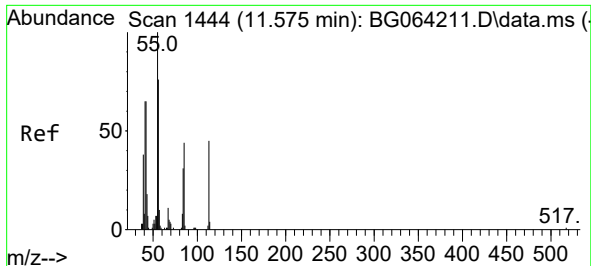


#34
Hexachlorobutadiene
Concen: 39.181 ng
RT: 10.989 min Scan# 1345
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02



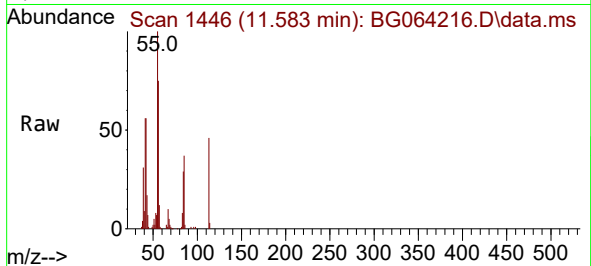
Tgt Ion:225 Resp: 76974
Ion Ratio Lower Upper
225 100
223 64.4 48.6 72.8
227 64.7 48.8 73.2





#35
Caprolactam
Concen: 41.202 ng
RT: 11.583 min Scan# 1444
Delta R.T. 0.008 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

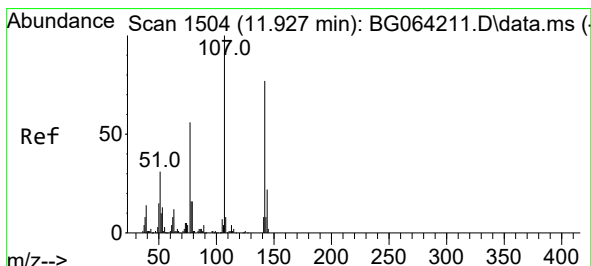
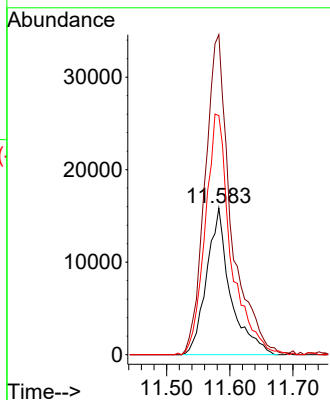
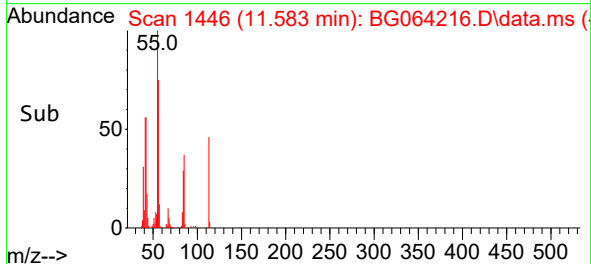
Instrument :
BNA_G
ClientSampleId :
PB169325TB



Tgt Ion:113 Resp: 41579
Ion Ratio Lower Upper
113 100
55 218.2 202.7 242.7
56 163.0 150.1 190.1

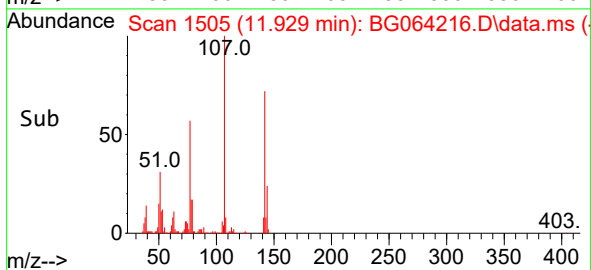
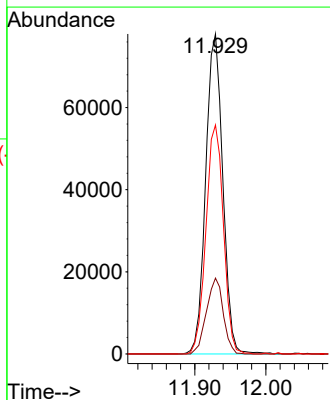
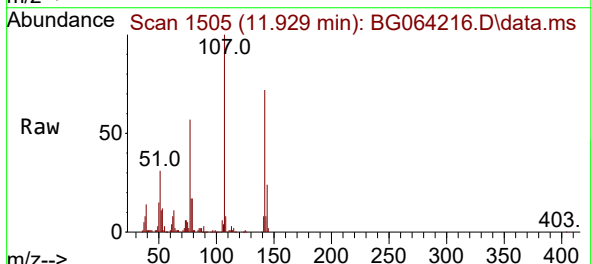
Manual Integrations
APPROVED

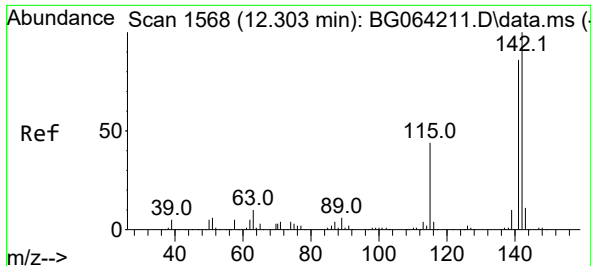
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#36
4-Chloro-3-methylphenol
Concen: 39.712 ng
RT: 11.929 min Scan# 1505
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Tgt Ion:107 Resp: 130327
Ion Ratio Lower Upper
107 100
144 23.7 17.3 25.9
142 71.5 61.6 92.4





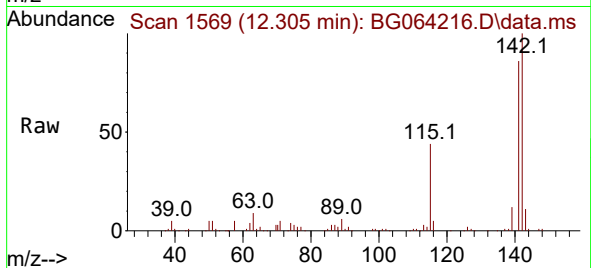
#37
2-Methylnaphthalene
Concen: 39.138 ng
RT: 12.305 min Scan# 1568
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB



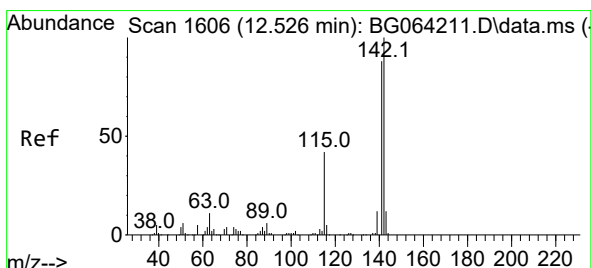
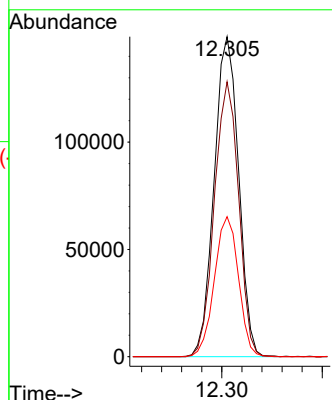
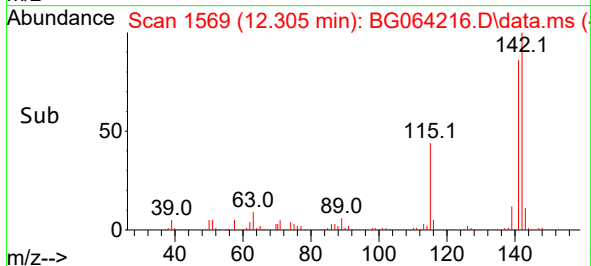
Tgt Ion:142 Resp: 25173
Ion Ratio Lower Upper
142 100
141 85.9 68.4 102.6
115 43.8 34.9 52.3

Manual Integrations

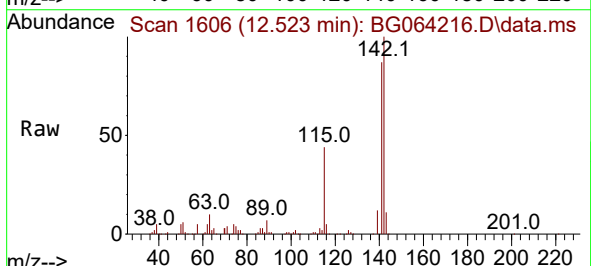
APPROVED

Reviewed By :Rahul Chavli 08/28/2025

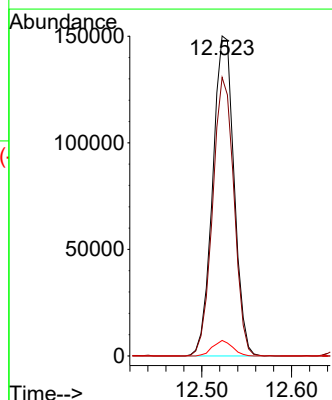
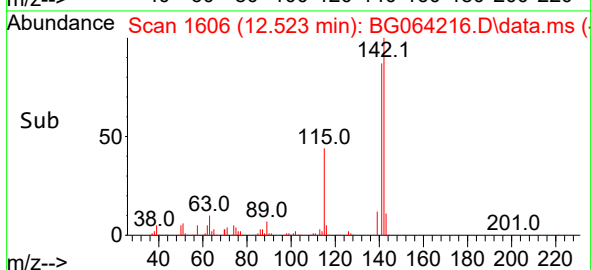
Supervised By :Jagrut Upadhyay 08/28/2025

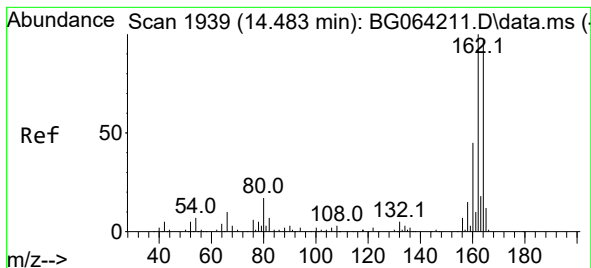


#38
1-Methylnaphthalene
Concen: 38.917 ng
RT: 12.523 min Scan# 1606
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02



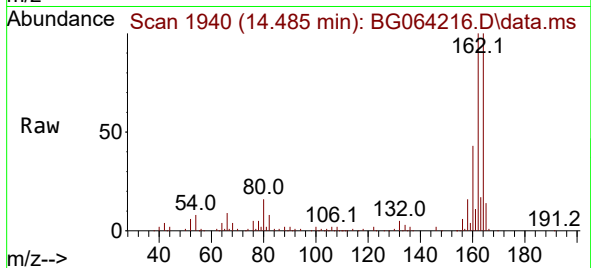
Tgt Ion:142 Resp: 248307
Ion Ratio Lower Upper
142 100
141 87.1 70.6 106.0
116 4.8 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.485 min Scan# 1939
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

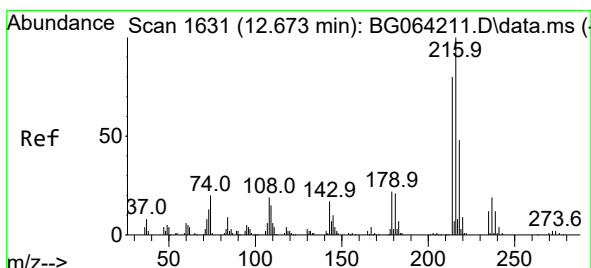
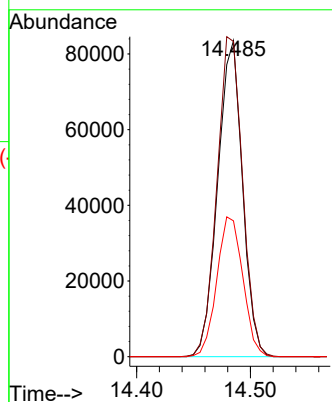
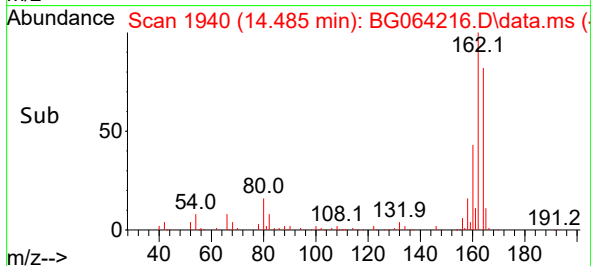
Instrument :
BNA_G
ClientSampleId :
PB169325TB



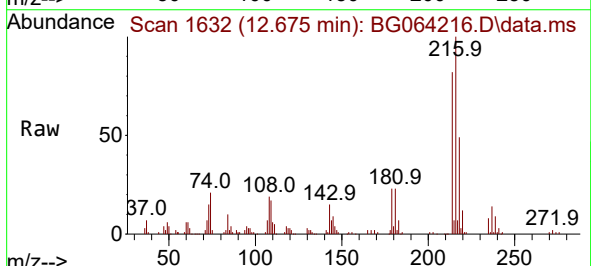
Tgt Ion:164 Resp: 12620
Ion Ratio Lower Upper
164 100
162 99.8 82.4 123.6
160 43.0 36.8 55.2

Manual Integrations
APPROVED

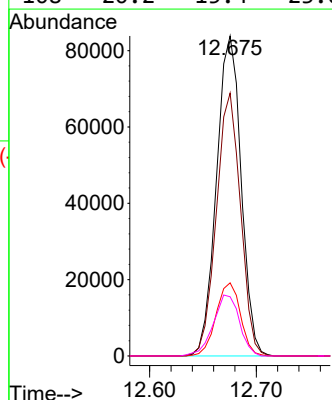
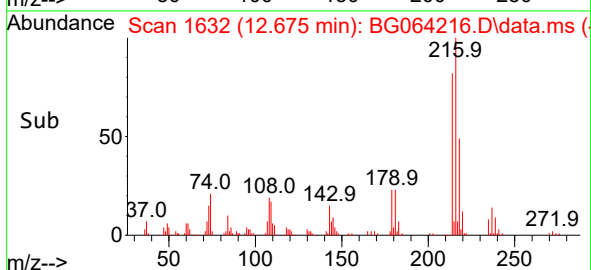
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

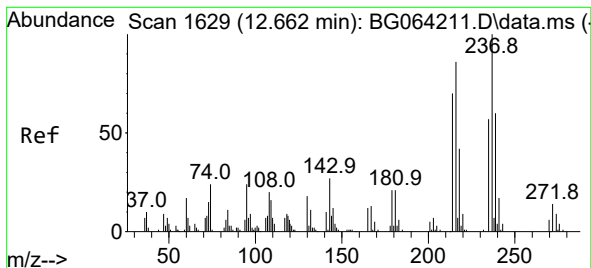


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.584 ng
RT: 12.675 min Scan# 1632
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02



Tgt Ion:216 Resp: 134490
Ion Ratio Lower Upper
216 100
214 80.4 62.5 93.7
179 22.6 17.7 26.5
108 20.2 15.4 23.0





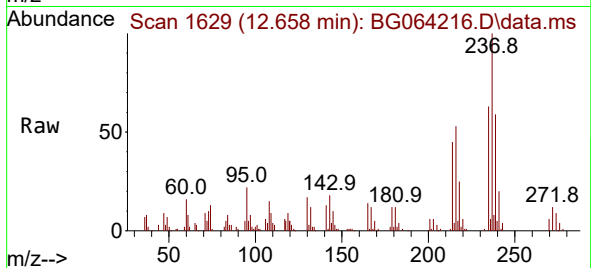
#41
Hexachlorocyclopentadiene
Concen: 42.949 ng
RT: 12.658 min Scan# 1629
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB

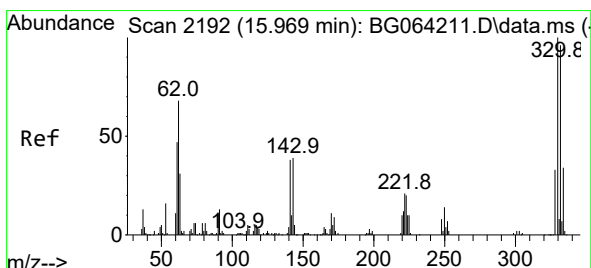
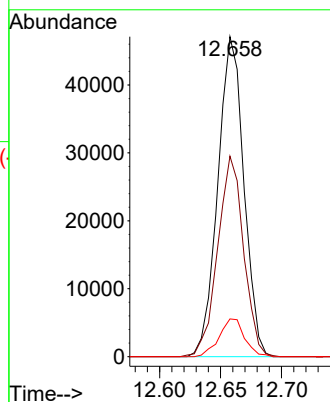
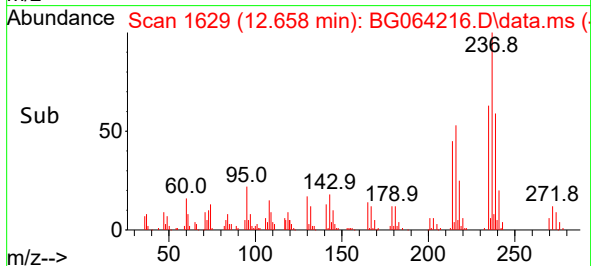


Tgt Ion:237 Resp: 69960
Ion Ratio Lower Upper
237 100
235 62.7 37.1 77.1
272 11.8 0.0 33.6

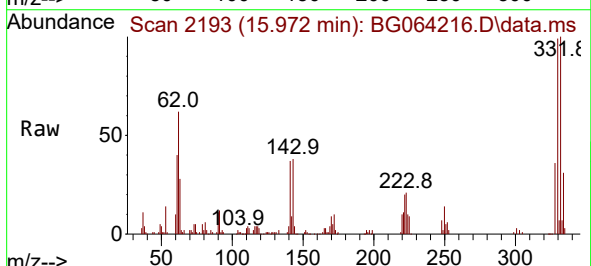
Manual Integrations

APPROVED

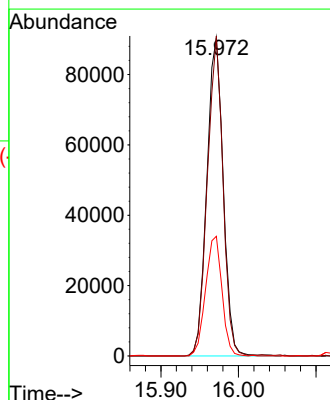
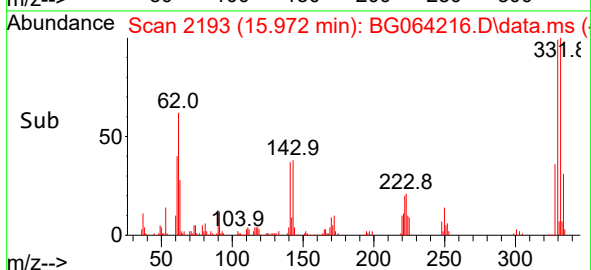
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

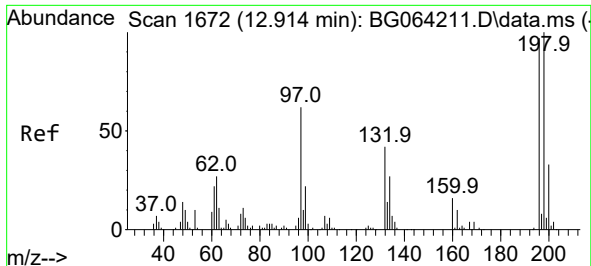


#42
2,4,6-Tribromophenol
Concen: 80.652 ng
RT: 15.972 min Scan# 2193
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02



Tgt Ion:330 Resp: 132647
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 37.6 30.0 45.0





#43
2,4,6-Trichlorophenol
Concen: 39.122 ng
RT: 12.910 min Scan# 1672
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

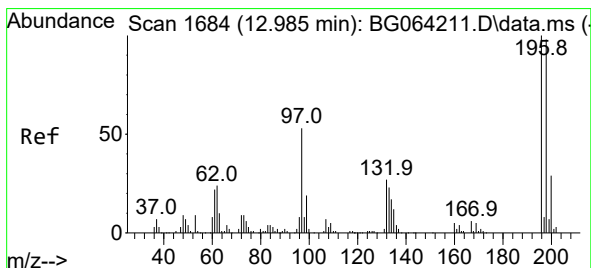
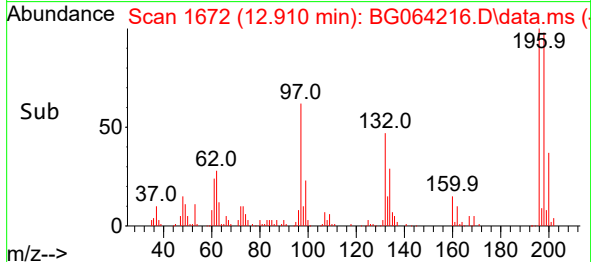
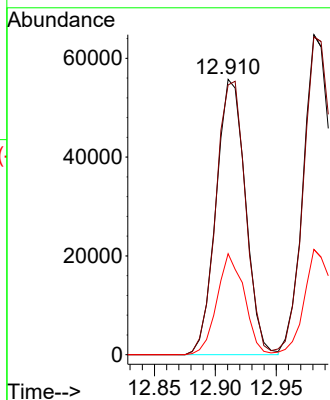
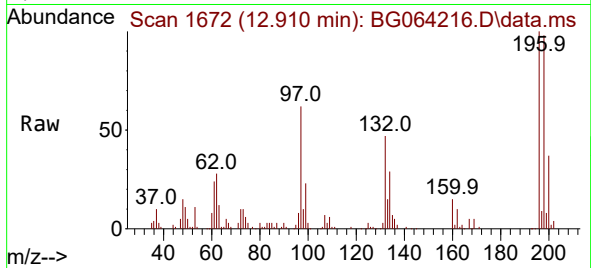
PB169325TB

Tgt Ion:196 Resp: 9362
Ion Ratio Lower Upper
196 100
198 98.0 82.7 124.1
200 36.7 27.4 41.0

Manual Integrations

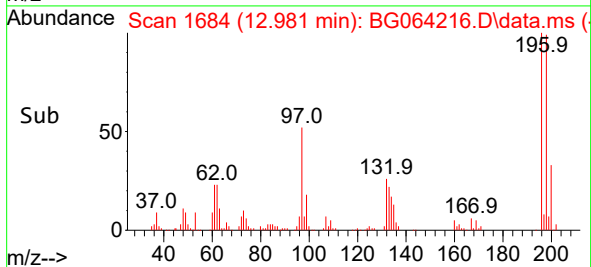
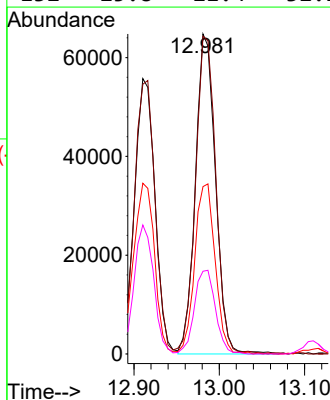
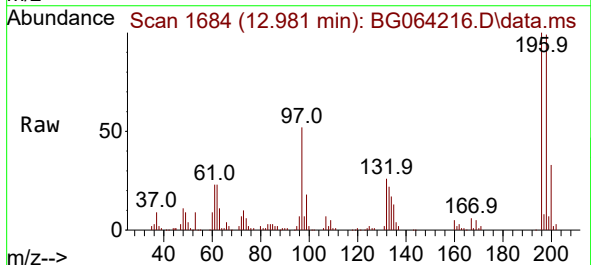
APPROVED

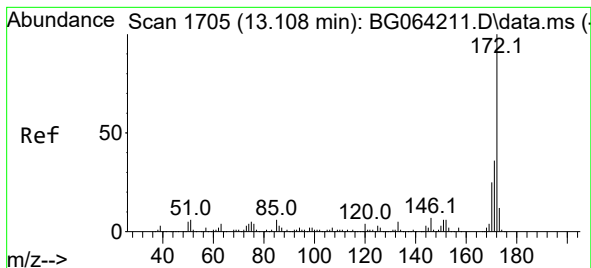
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#44
2,4,5-Trichlorophenol
Concen: 40.120 ng
RT: 12.981 min Scan# 1684
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Tgt Ion:196 Resp: 106369
Ion Ratio Lower Upper
196 100
198 99.3 78.2 117.2
97 52.3 42.3 63.5
132 25.8 21.4 32.2





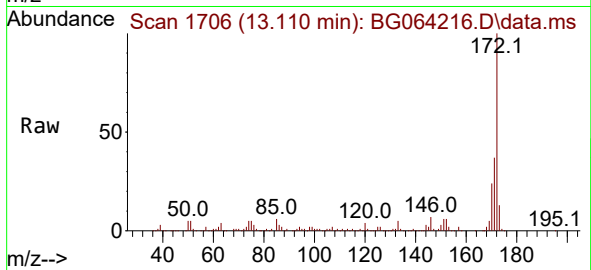
#45
2-Fluorobiphenyl
Concen: 76.223 ng
RT: 13.110 min Scan# 1705
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB



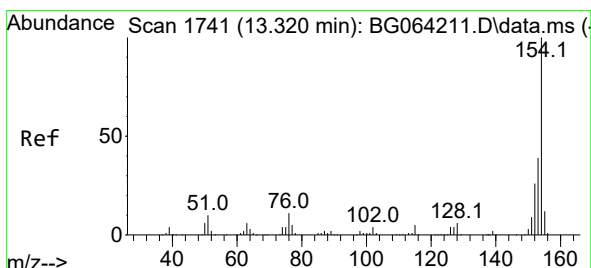
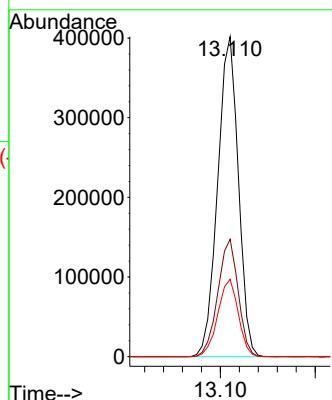
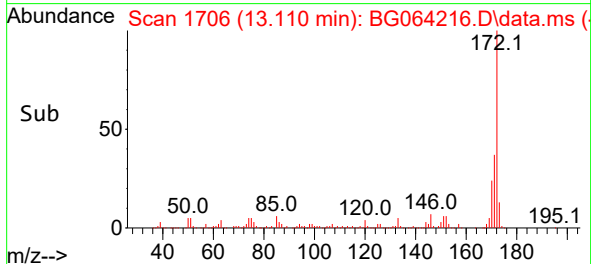
Tgt Ion:172 Resp: 608098
Ion Ratio Lower Upper
172 100
171 36.7 28.4 42.6
170 24.2 20.2 30.4

Manual Integrations

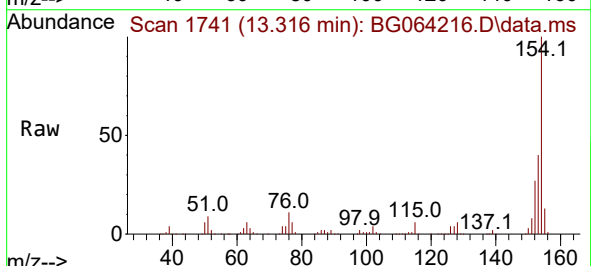
APPROVED

Reviewed By :Rahul Chavli 08/28/2025

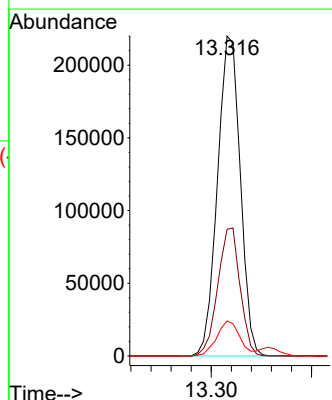
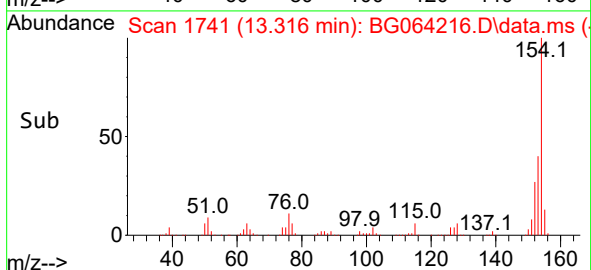
Supervised By :Jagrut Upadhyay 08/28/2025

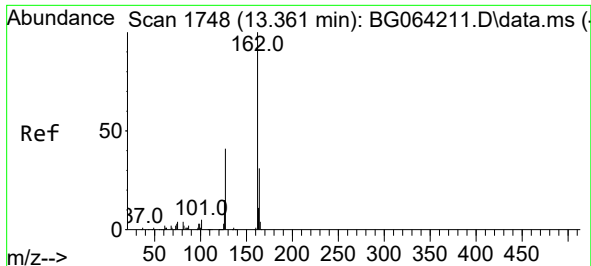


#46
1,1'-Biphenyl
Concen: 38.697 ng
RT: 13.316 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02



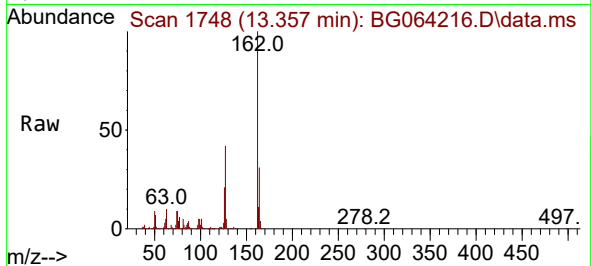
Tgt Ion:154 Resp: 346258
Ion Ratio Lower Upper
154 100
153 39.6 19.2 59.2
76 11.0 0.0 31.4





#47
2-Chloronaphthalene
Concen: 38.683 ng
RT: 13.357 min Scan# 1748
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

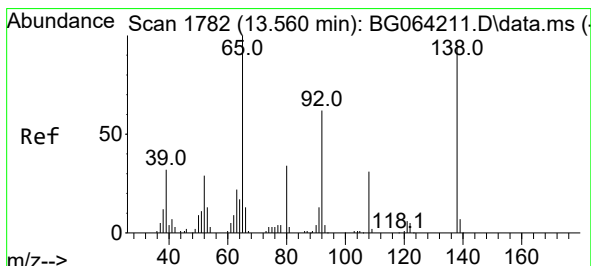
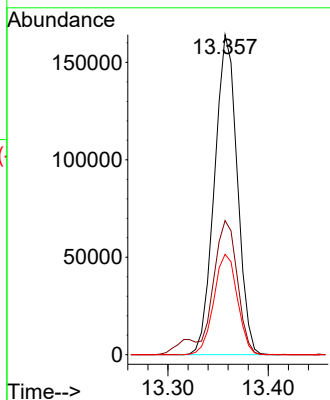
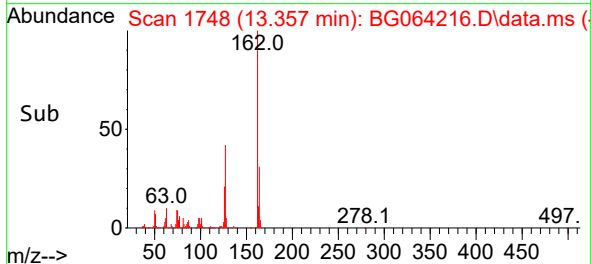
Instrument :
BNA_G
ClientSampleId :
PB169325TB



Tgt Ion:162 Resp: 25834
Ion Ratio Lower Upper
162 100
127 41.9 36.2 54.4
164 31.4 25.0 37.4

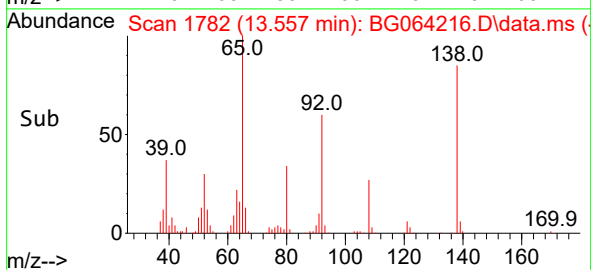
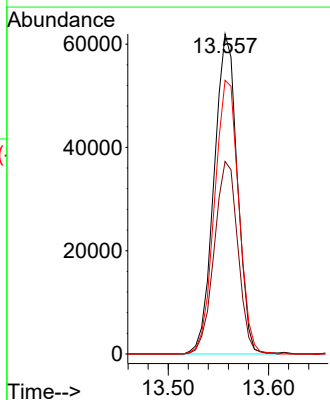
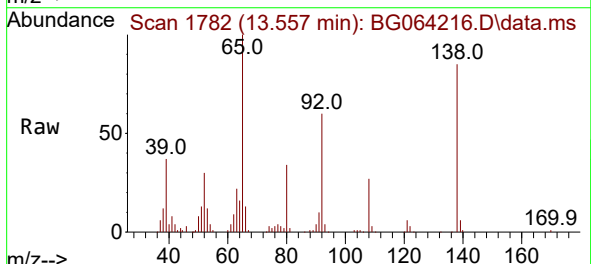
Manual Integrations
APPROVED

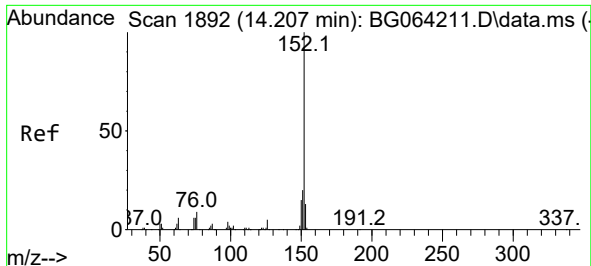
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#48
2-Nitroaniline
Concen: 43.099 ng
RT: 13.557 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Tgt Ion: 65 Resp: 99774
Ion Ratio Lower Upper
65 100
92 60.2 49.3 73.9
138 85.5 75.4 113.0





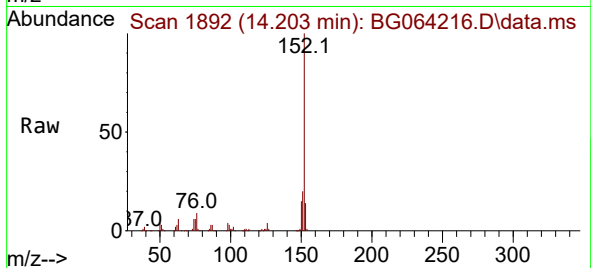
#49
Acenaphthylene
Concen: 39.551 ng
RT: 14.203 min Scan# 1892
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB



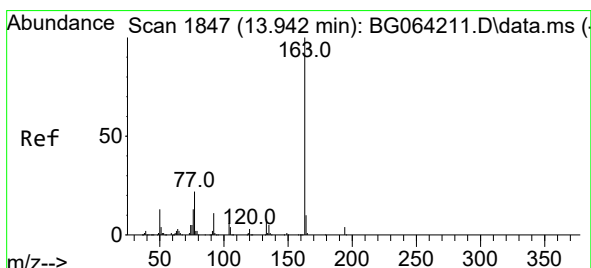
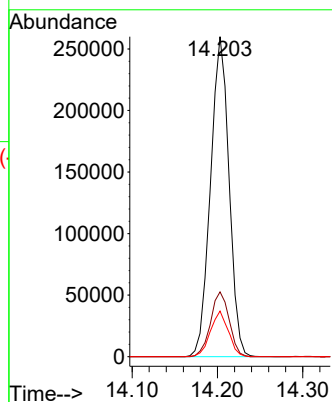
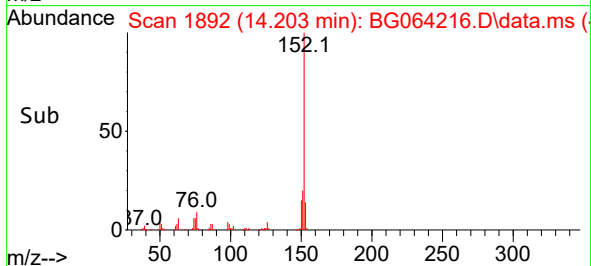
Tgt Ion:152 Resp: 392109
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 14.3 10.6 16.0

Manual Integrations

APPROVED

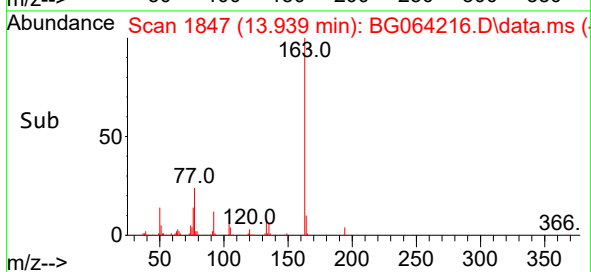
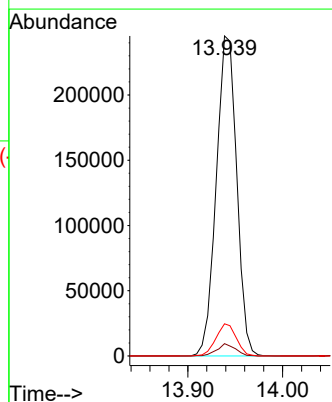
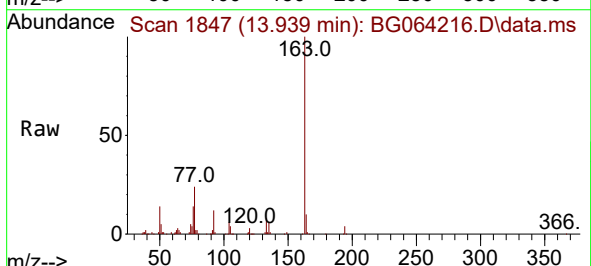
Reviewed By :Rahul Chavli 08/28/2025

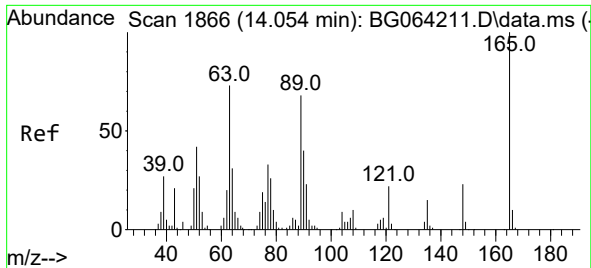
Supervised By :Jagrut Upadhyay 08/28/2025



#50
Dimethylphthalate
Concen: 38.880 ng
RT: 13.939 min Scan# 1847
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Tgt Ion:163 Resp: 368150
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 43.181 ng
RT: 14.056 min Scan# 1866
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

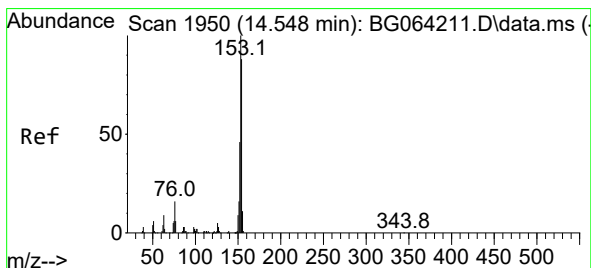
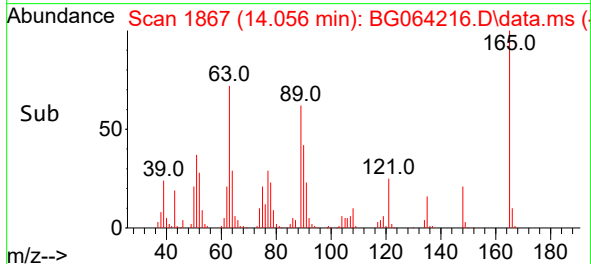
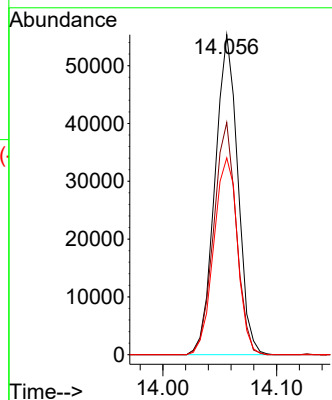
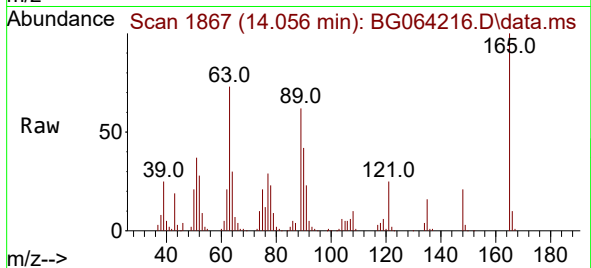
PB169325TB

Tgt Ion:165 Resp: 77192
Ion Ratio Lower Upper
165 100
63 72.6 58.3 87.5
89 61.5 54.3 81.5

Manual Integrations

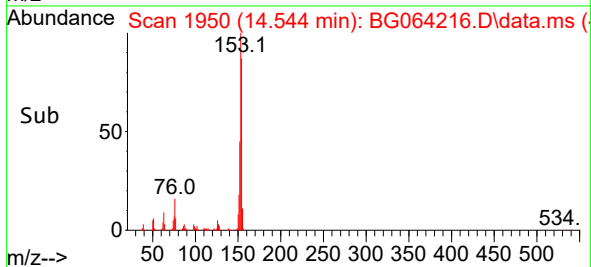
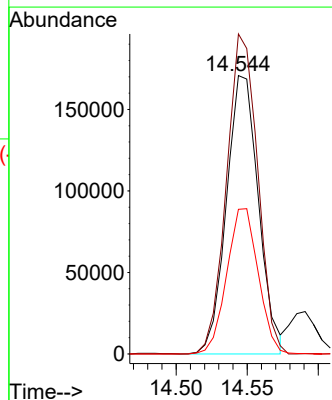
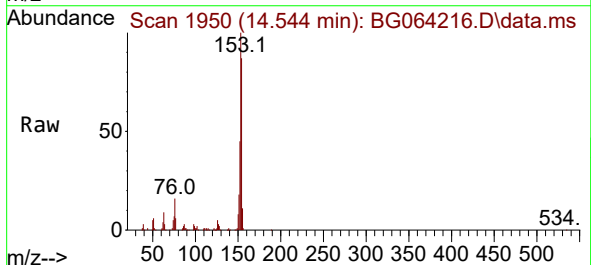
APPROVED

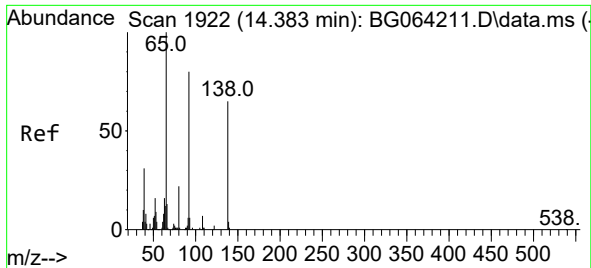
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#52
Acenaphthene
Concen: 38.455 ng
RT: 14.544 min Scan# 1950
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

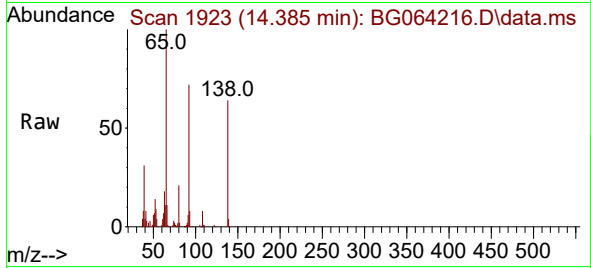
Tgt Ion:154 Resp: 267666
Ion Ratio Lower Upper
154 100
153 114.9 91.2 136.8
152 51.9 41.8 62.8





#53
3-Nitroaniline
Concen: 43.276 ng
RT: 14.385 min Scan# 1922
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

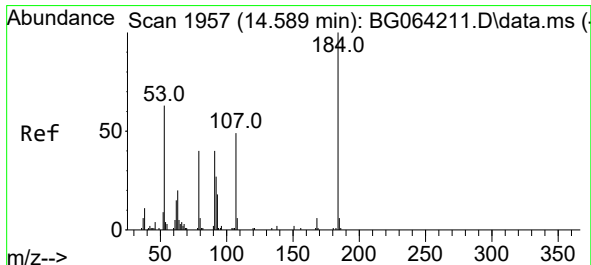
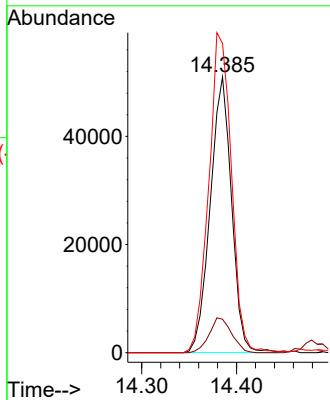
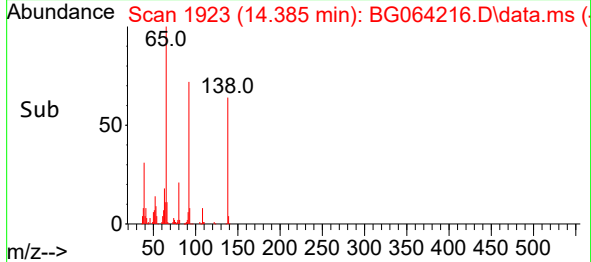
Instrument :
BNA_G
ClientSampleId :
PB169325TB



Tgt Ion:138 Resp: 7980
Ion Ratio Lower Upper
138 100
108 12.1 8.7 13.1
92 112.2 99.3 148.9

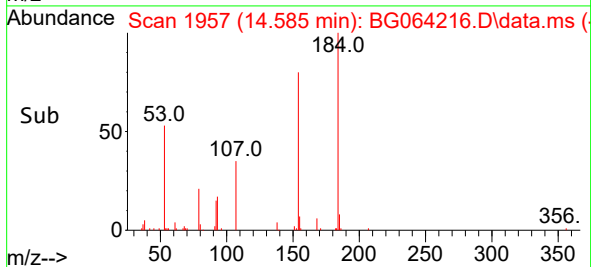
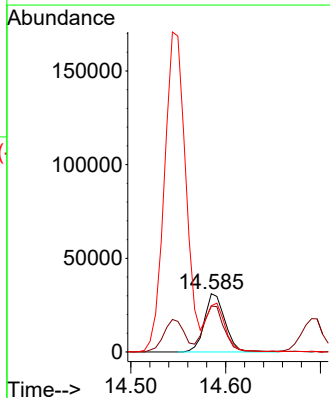
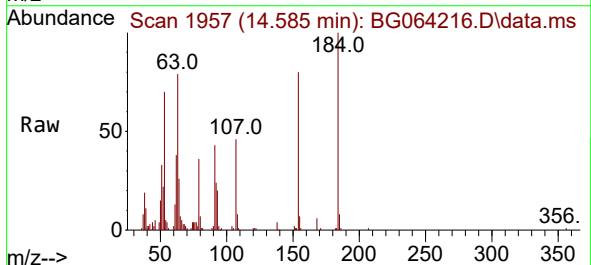
Manual Integrations
APPROVED

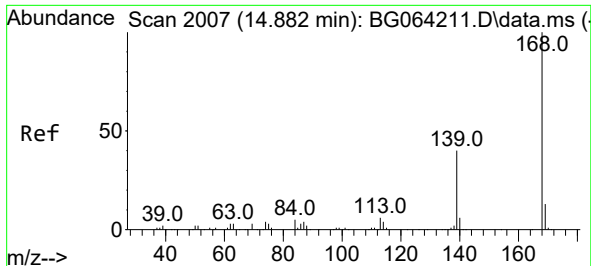
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#54
2,4-Dinitrophenol
Concen: 41.545 ng
RT: 14.585 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Tgt Ion:184 Resp: 47000
Ion Ratio Lower Upper
184 100
63 78.9 60.7 91.1
154 79.5 64.9 97.3





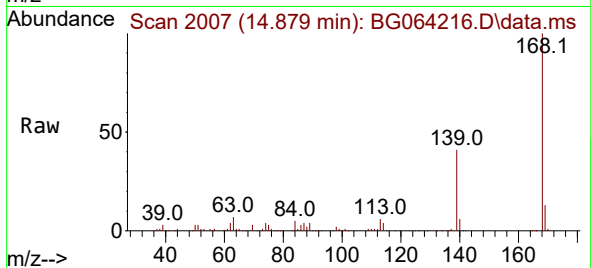
#55
Dibenzenofuran
Concen: 38.556 ng
RT: 14.879 min Scan# 2007
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB



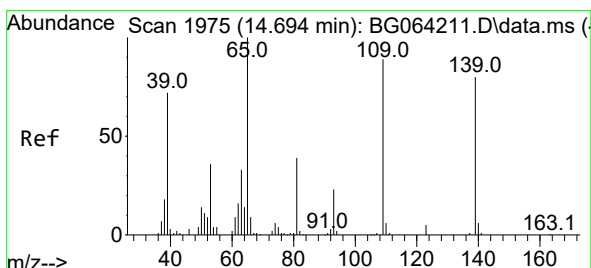
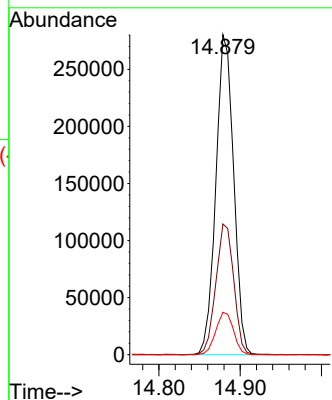
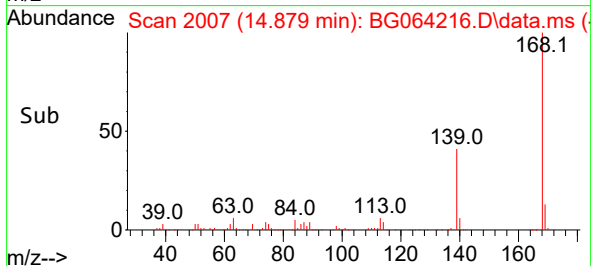
Tgt Ion:168 Resp: 42582
Ion Ratio Lower Upper
168 100
139 40.9 32.1 48.1
169 13.2 10.3 15.5

Manual Integrations

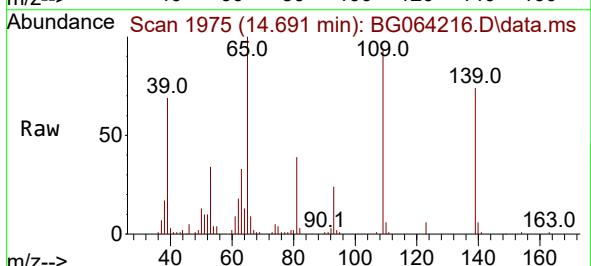
APPROVED

Reviewed By :Rahul Chavli 08/28/2025

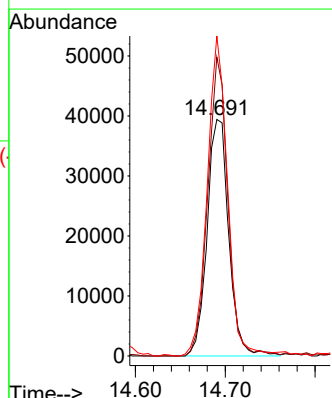
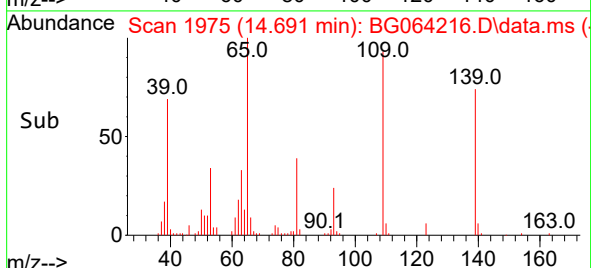
Supervised By :Jagrut Upadhyay 08/28/2025

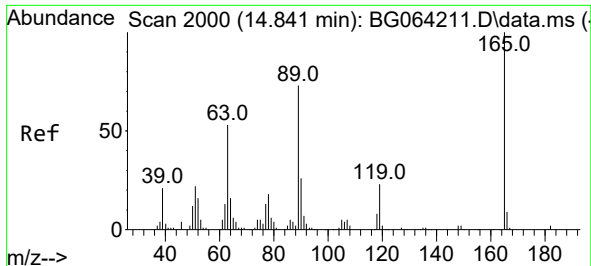


#56
4-Nitrophenol
Concen: 41.368 ng
RT: 14.691 min Scan# 1975
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02



Tgt Ion:139 Resp: 66049
Ion Ratio Lower Upper
139 100
109 126.4 91.2 131.2
65 135.3 105.5 145.5





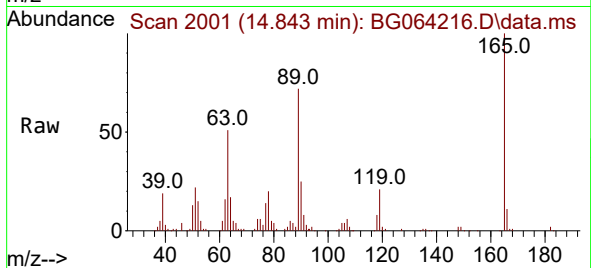
#57
2,4-Dinitrotoluene
Concen: 41.857 ng
RT: 14.843 min Scan# 2000
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB



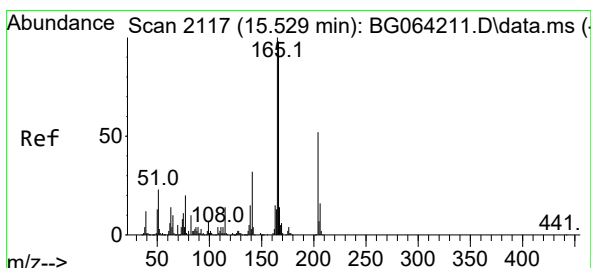
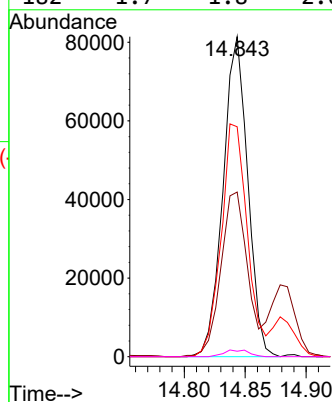
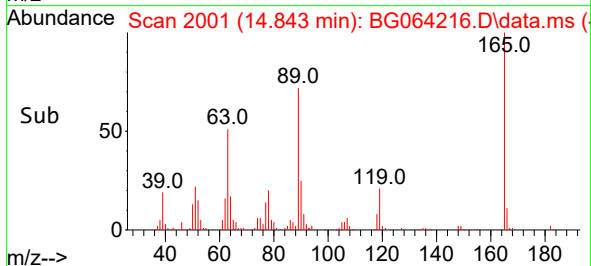
Tgt Ion:165 Resp: 11481
Ion Ratio Lower Upper
165 100
63 51.5 42.9 64.3
89 71.8 58.5 87.7
182 1.7 1.8 2.6#

Manual Integrations

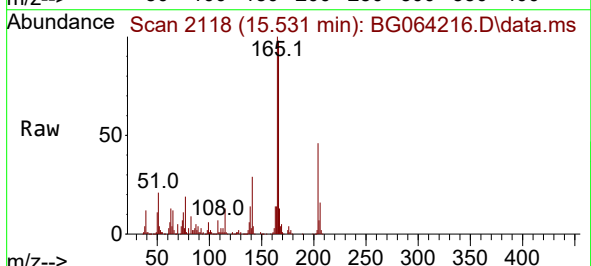
APPROVED

Reviewed By :Rahul Chavli 08/28/2025

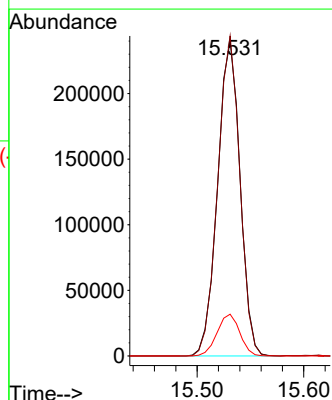
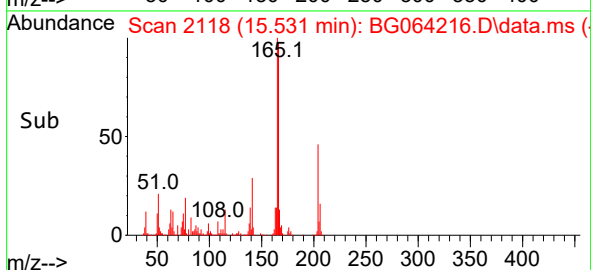
Supervised By :Jagrut Upadhyay 08/28/2025

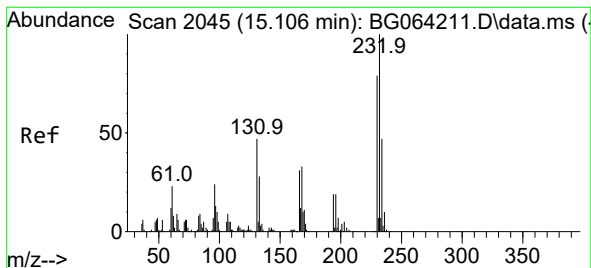


#58
Fluorene
Concen: 38.952 ng
RT: 15.531 min Scan# 2118
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02



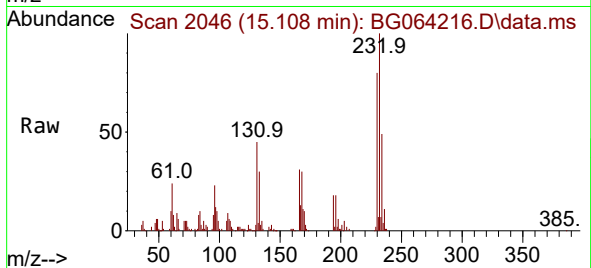
Tgt Ion:166 Resp: 351509
Ion Ratio Lower Upper
166 100
165 101.7 81.7 122.5
167 13.3 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.443 ng
RT: 15.108 min Scan# 2045
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

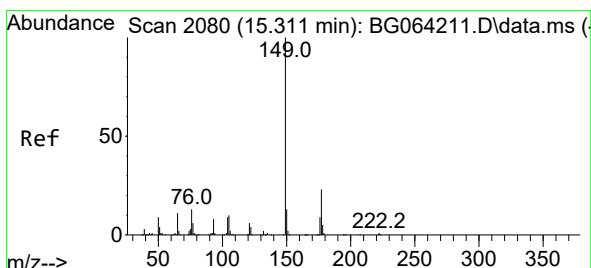
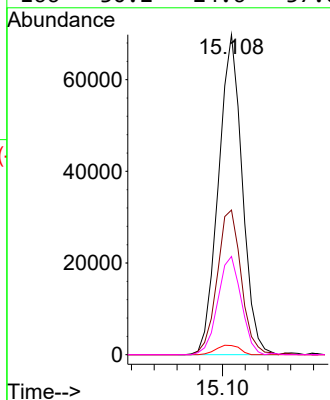
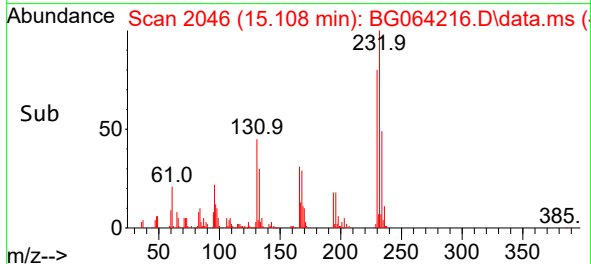
Instrument :
BNA_G
ClientSampleId :
PB169325TB



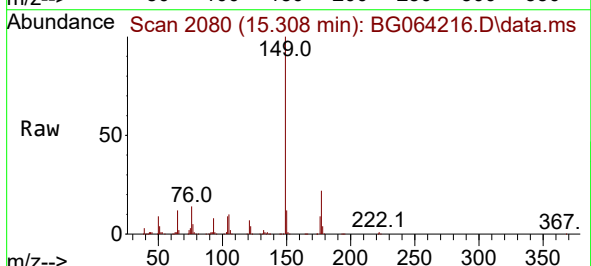
Tgt Ion:232 Resp: 101440
Ion Ratio Lower Upper
232 100
131 45.8 37.5 56.3
130 2.9 0.9 1.3
166 30.2 24.6 37.0

Manual Integrations
APPROVED

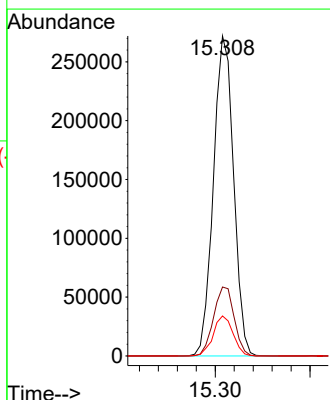
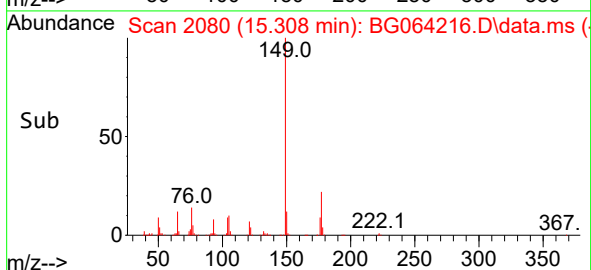
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

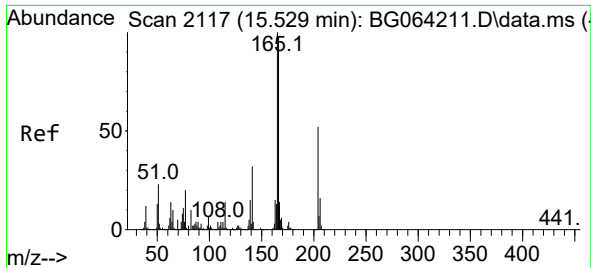


#60
Diethylphthalate
Concen: 39.545 ng
RT: 15.308 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02



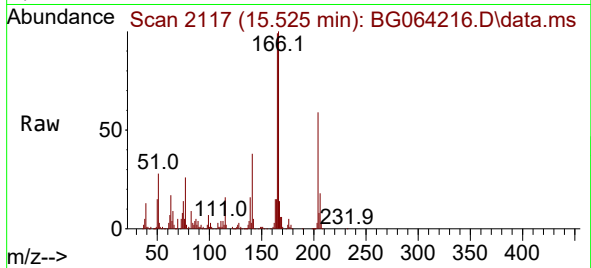
Tgt Ion:149 Resp: 401937
Ion Ratio Lower Upper
149 100
177 21.5 18.7 28.1
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 37.890 ng
RT: 15.525 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

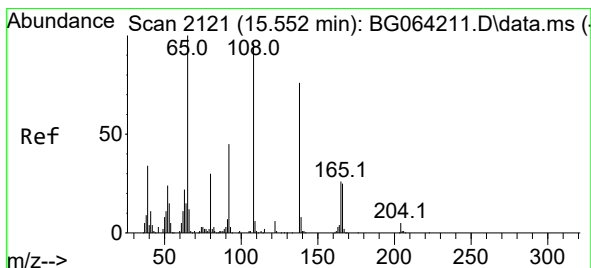
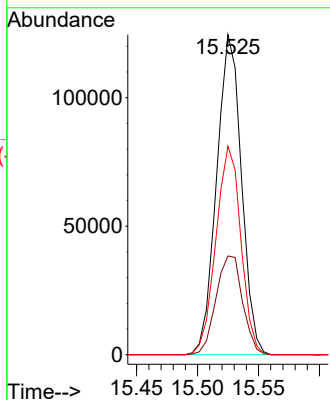
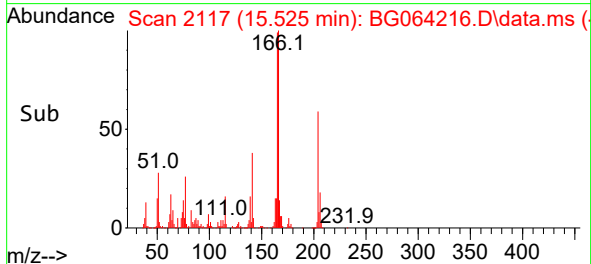
Instrument :
BNA_G
ClientSampleId :
PB169325TB



Tgt Ion:204 Resp: 176454
Ion Ratio Lower Upper
204 100
206 30.9 24.9 37.3
141 65.1 49.3 73.9

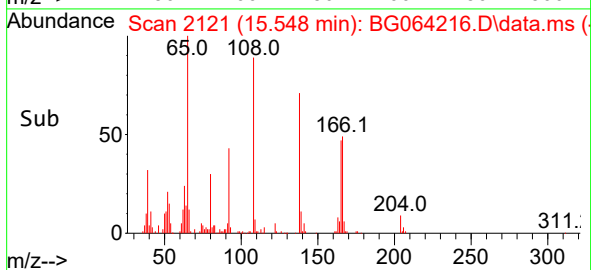
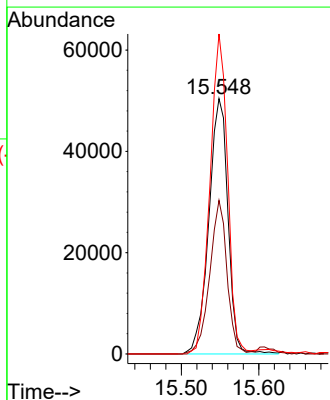
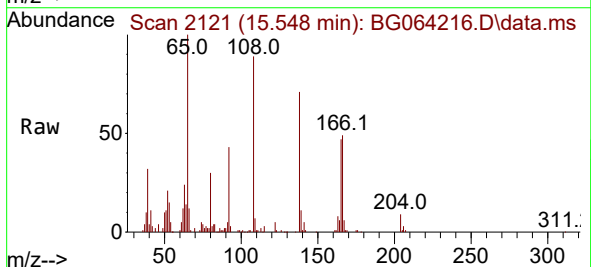
Manual Integrations
APPROVED

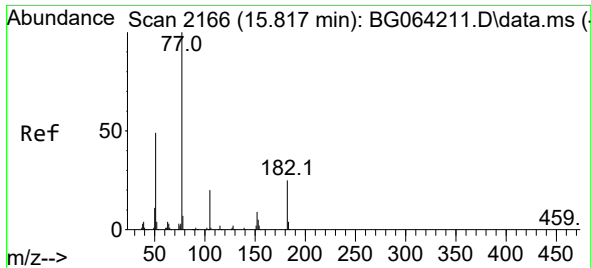
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#62
4-Nitroaniline
Concen: 43.336 ng
RT: 15.548 min Scan# 2121
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

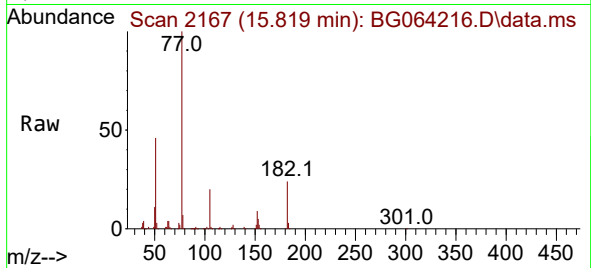
Tgt Ion:138 Resp: 86401
Ion Ratio Lower Upper
138 100
92 60.2 38.8 78.8
108 125.3 106.1 146.1





#63
Azobenzene
Concen: 39.707 ng
RT: 15.819 min Scan# 2166
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

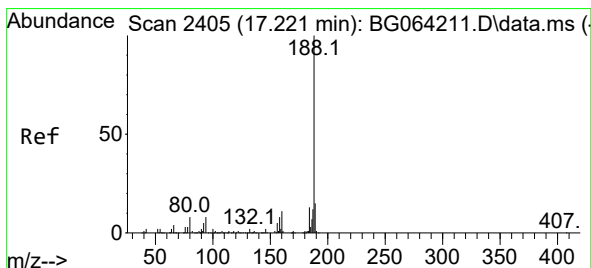
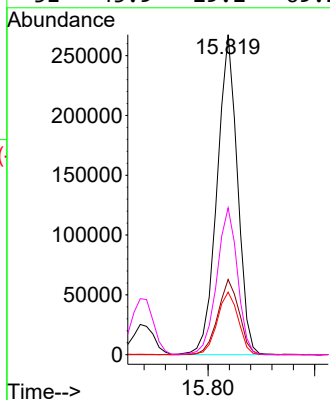
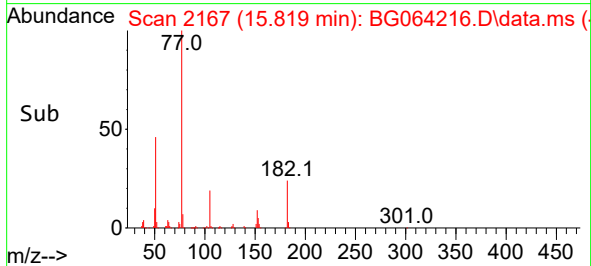
Instrument :
BNA_G
ClientSampleId :
PB169325TB



Tgt Ion: 77 Resp: 35464
Ion Ratio Lower Upper
77 100
182 23.5 5.0 45.0
105 19.6 0.1 40.1
51 45.9 29.2 69.2

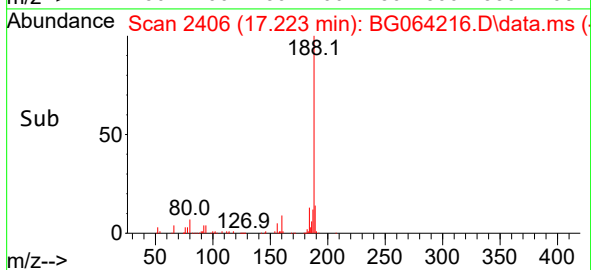
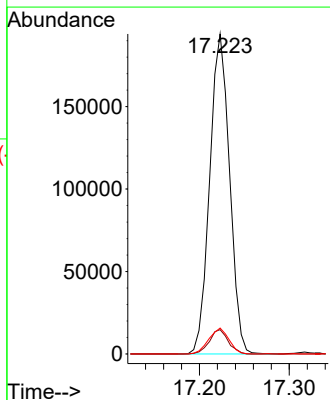
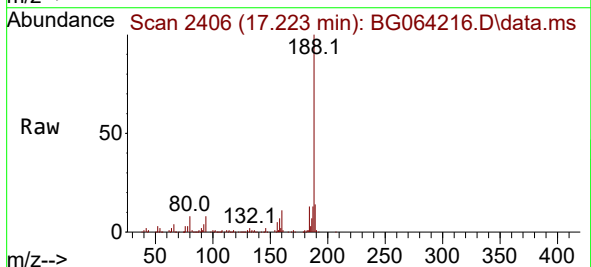
Manual Integrations
APPROVED

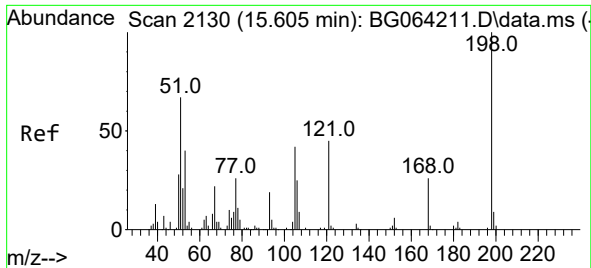
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.223 min Scan# 2406
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Tgt Ion:188 Resp: 297963
Ion Ratio Lower Upper
188 100
94 7.6 6.3 9.5
80 8.1 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 41.986 ng
RT: 15.607 min Scan# 2130
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

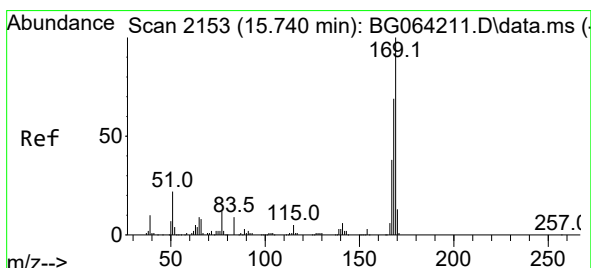
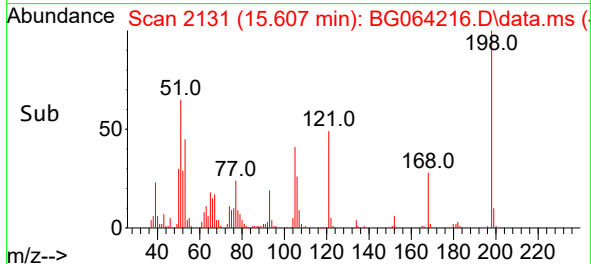
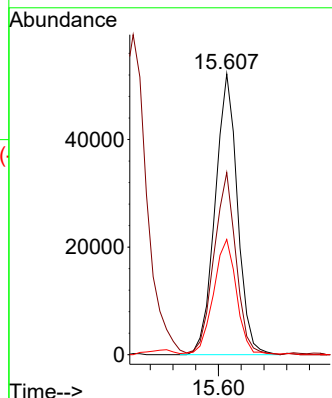
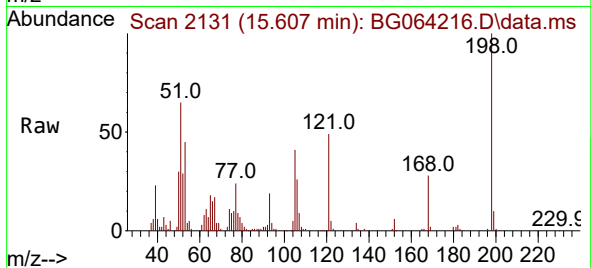
PB169325TB

Tgt Ion:198 Resp: 71292
Ion Ratio Lower Upper
198 100
51 64.8 50.1 90.1
105 41.0 22.5 62.5

Manual Integrations

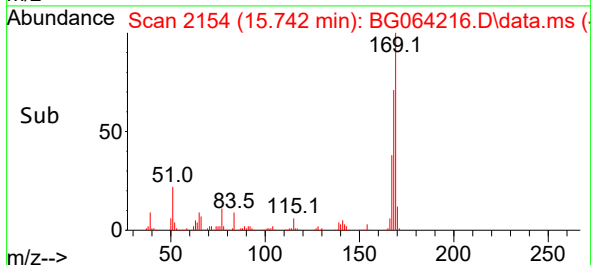
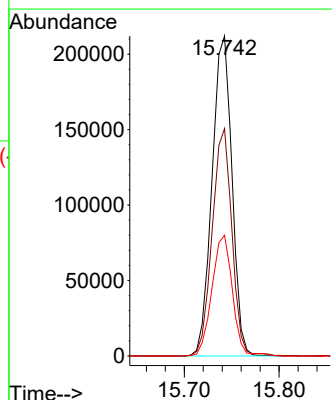
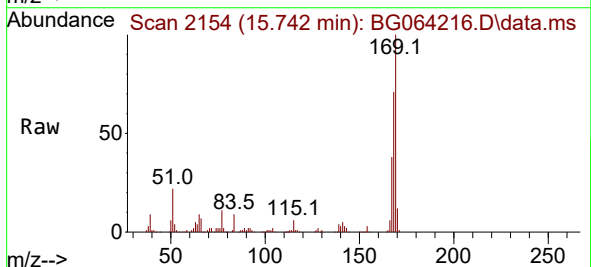
APPROVED

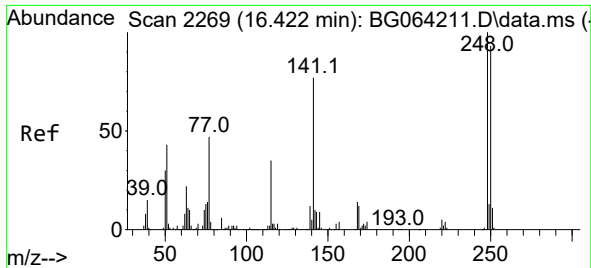
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#66
n-Nitrosodiphenylamine
Concen: 38.329 ng
RT: 15.742 min Scan# 2154
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Tgt Ion:169 Resp: 309016
Ion Ratio Lower Upper
169 100
168 71.1 54.9 82.3
167 37.8 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 38.540 ng
RT: 16.418 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

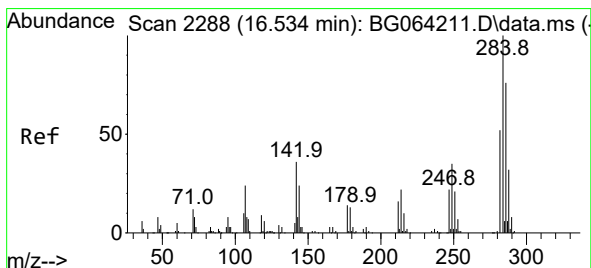
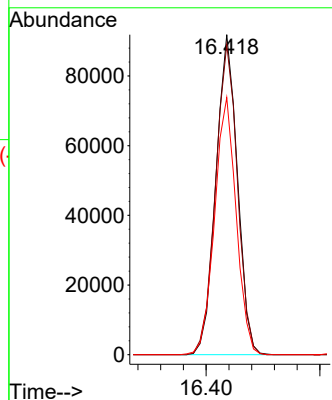
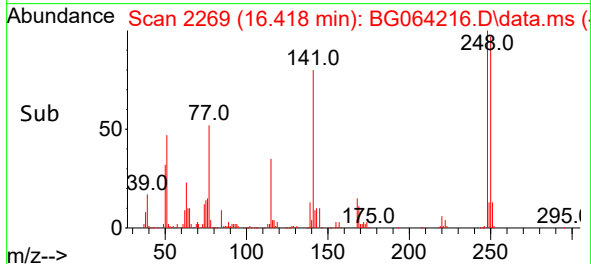
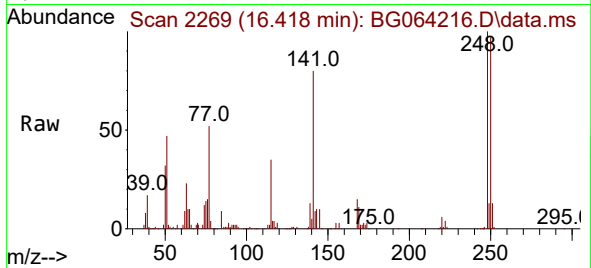
PB169325TB

Tgt Ion:248 Resp: 120700
Ion Ratio Lower Upper
248 100
250 96.9 74.1 111.1
141 80.3 61.4 92.2

Manual Integrations

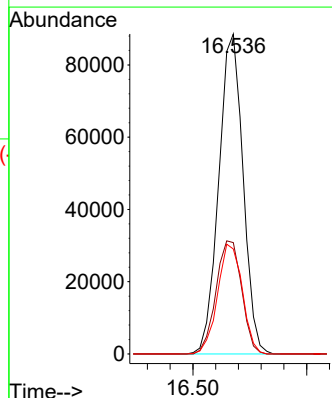
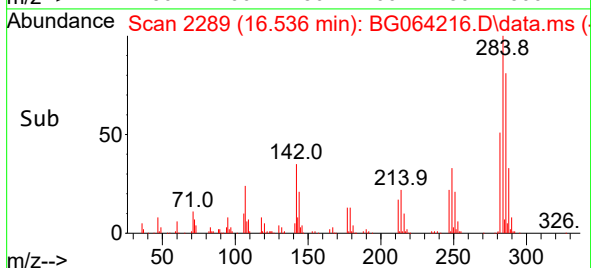
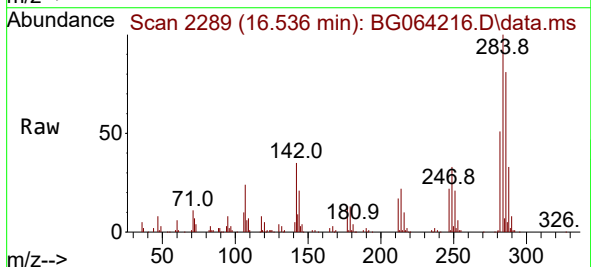
APPROVED

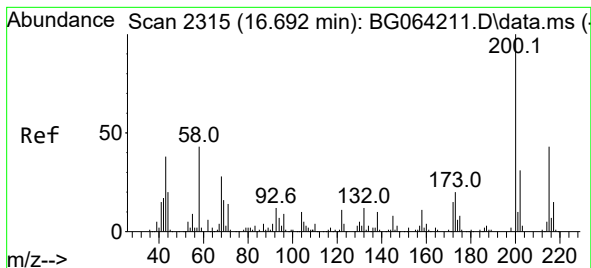
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#68
Hexachlorobenzene
Concen: 39.021 ng
RT: 16.536 min Scan# 2289
Delta R.T. 0.002 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Tgt Ion:284 Resp: 131336
Ion Ratio Lower Upper
284 100
142 34.8 29.2 43.8
249 32.8 27.7 41.5





#69

Atrazine

Concen: 39.187 ng

RT: 16.694 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG064216.D

Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB

Tgt Ion:200 Resp: 133672

Ion Ratio Lower Upper

200 100

173 23.1 0.4 40.4

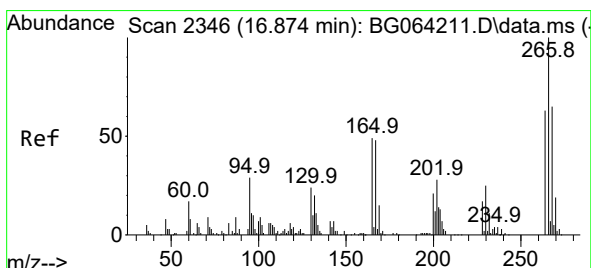
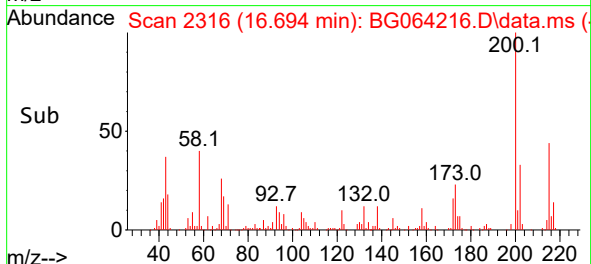
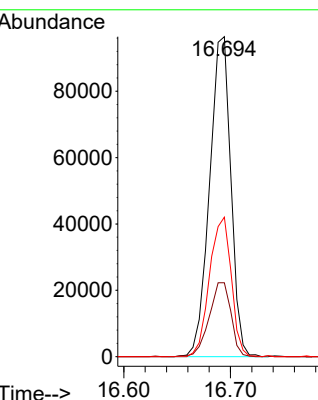
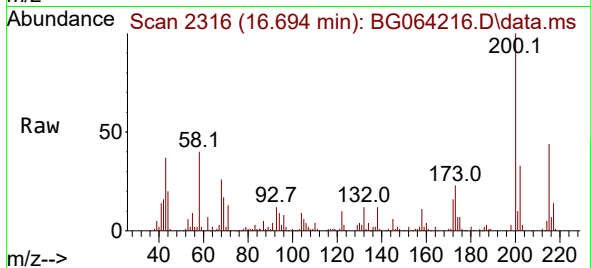
215 43.6 23.3 63.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#70

Pentachlorophenol

Concen: 42.865 ng

RT: 16.876 min Scan# 2347

Delta R.T. 0.002 min

Lab File: BG064216.D

Acq: 27 Aug 2025 19:02

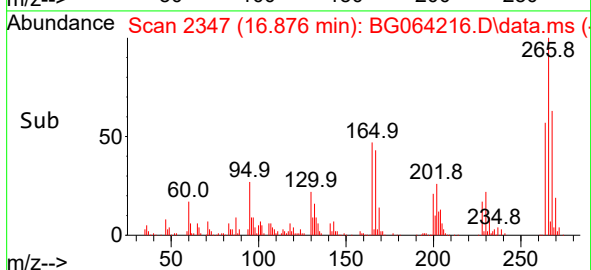
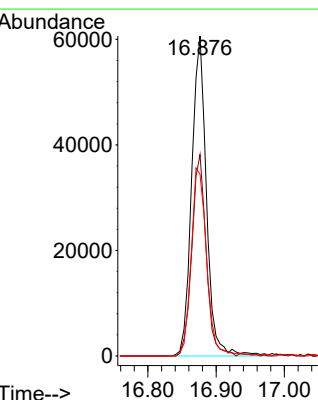
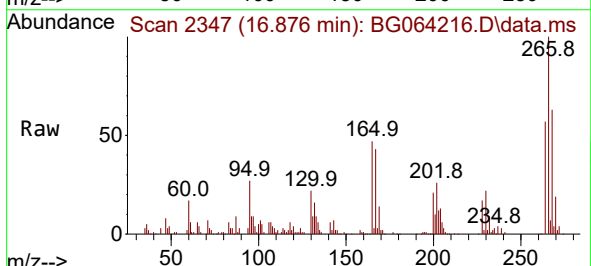
Tgt Ion:266 Resp: 91563

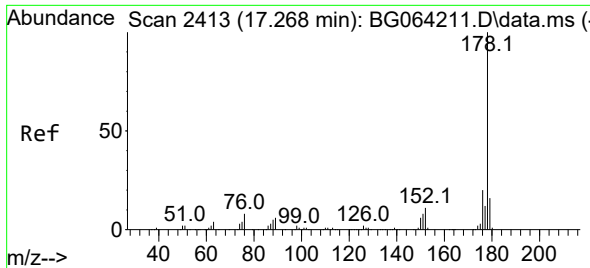
Ion Ratio Lower Upper

266 100

268 62.9 51.9 77.9

264 56.7 50.3 75.5





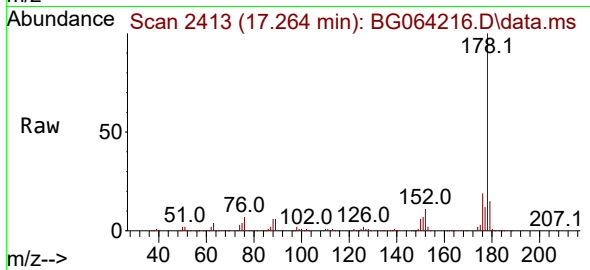
#71
Phenanthrene
Concen: 38.997 ng
RT: 17.264 min Scan# 2413
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB

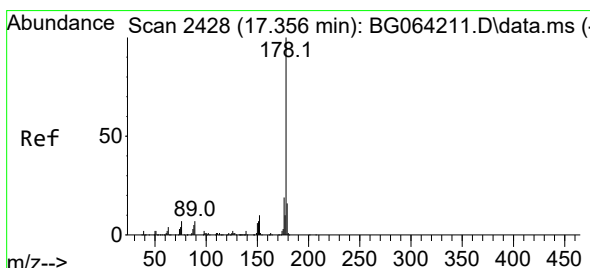
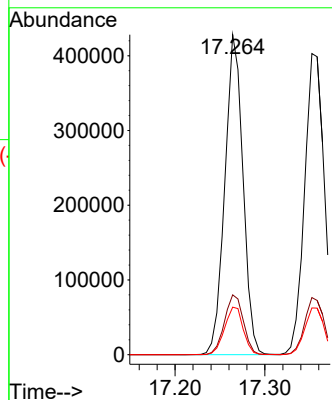
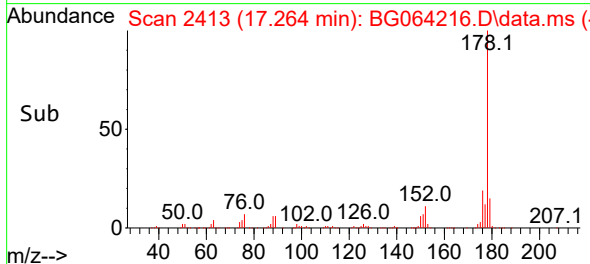


Tgt Ion:178 Resp: 600164
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.6
179 14.9 12.5 18.7

Manual Integrations

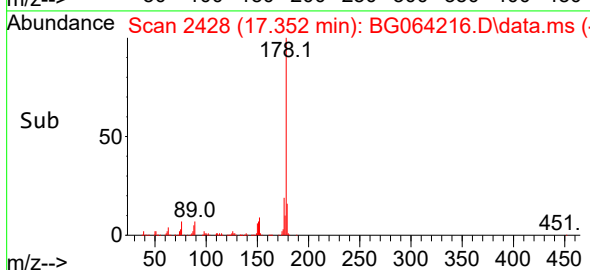
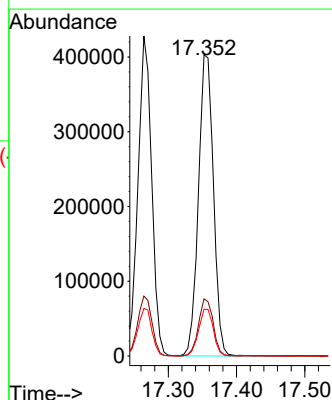
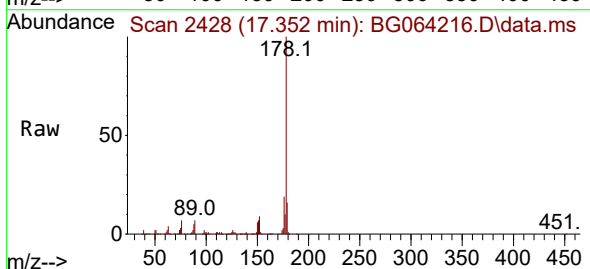
APPROVED

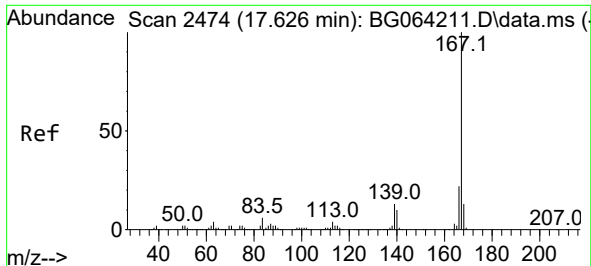
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#72
Anthracene
Concen: 39.529 ng
RT: 17.352 min Scan# 2428
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

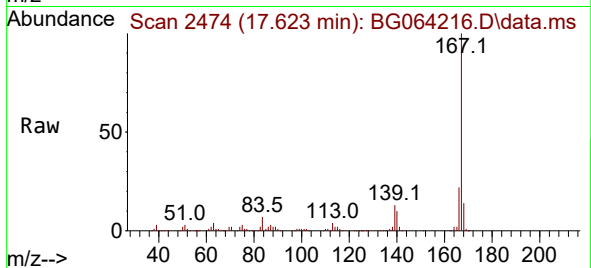
Tgt Ion:178 Resp: 616176
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.5 12.8 19.2





#73
 Carbazole
 Concen: 39.225 ng
 RT: 17.623 min Scan# 2474
 Delta R.T. -0.004 min
 Lab File: BG064216.D
 Acq: 27 Aug 2025 19:02

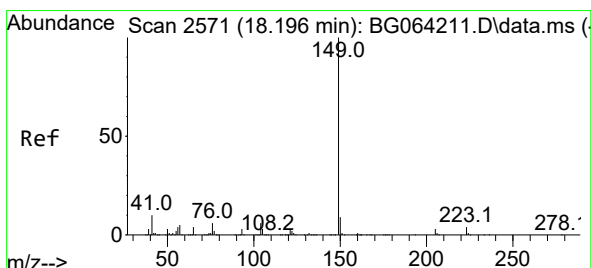
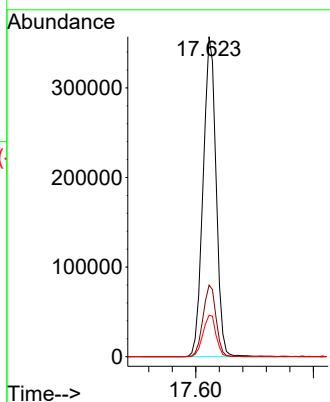
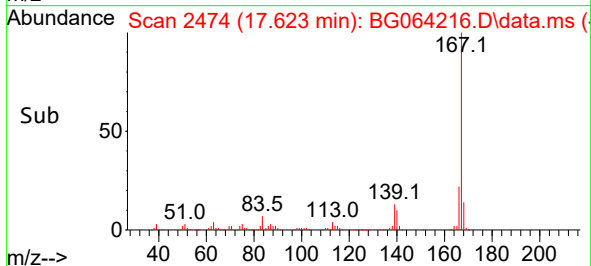
Instrument :
 BNA_G
 ClientSampleId :
 PB169325TB



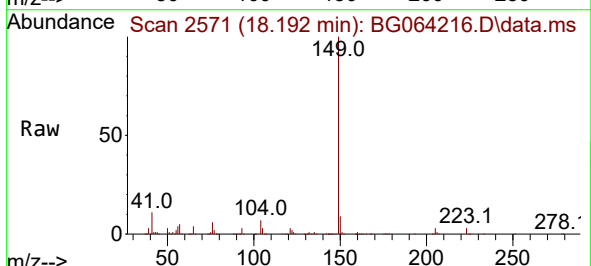
Tgt Ion:167 Resp: 546000
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.9 26.9
 139 13.0 10.3 15.5

Manual Integrations
 APPROVED

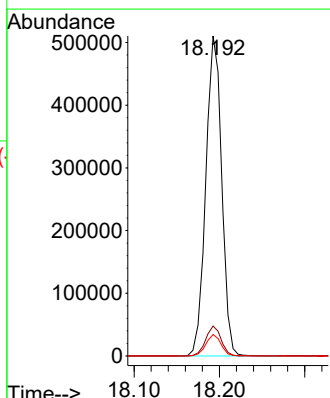
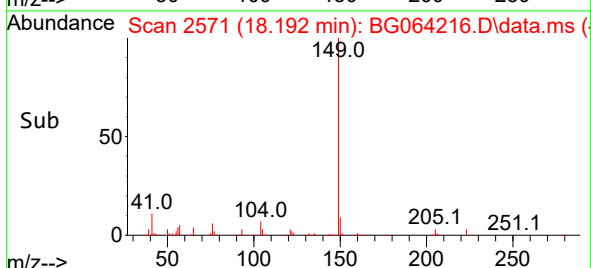
Reviewed By :Rahul Chavli 08/28/2025
 Supervised By :Jagrut Upadhyay 08/28/2025

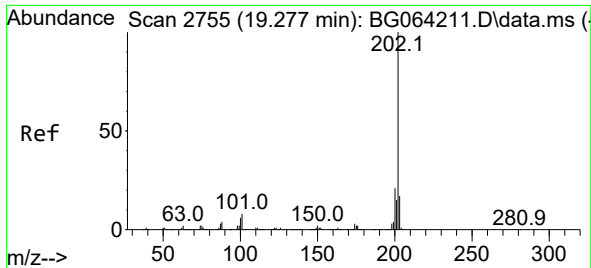


#74
 Di-n-butylphthalate
 Concen: 39.032 ng
 RT: 18.192 min Scan# 2571
 Delta R.T. -0.004 min
 Lab File: BG064216.D
 Acq: 27 Aug 2025 19:02



Tgt Ion:149 Resp: 660901
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 6.7 4.7 7.1





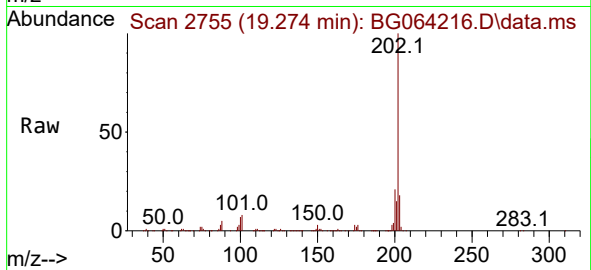
#75
Fluoranthene
Concen: 38.273 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB



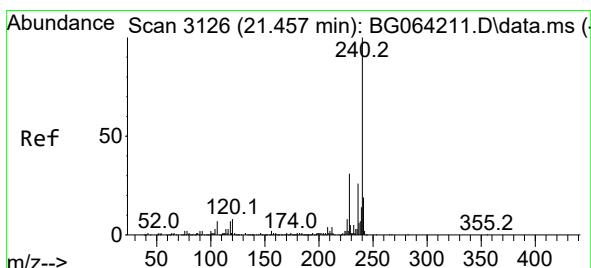
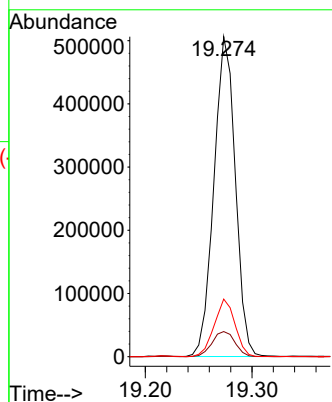
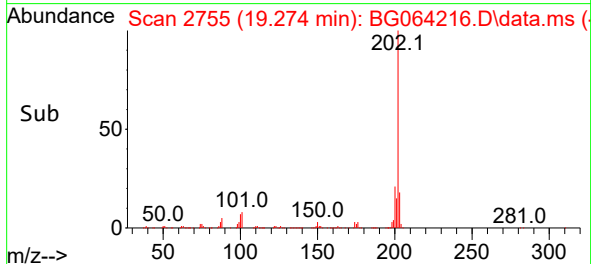
Tgt Ion:202 Resp: 70398
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.6
203 18.0 0.0 37.4

Manual Integrations

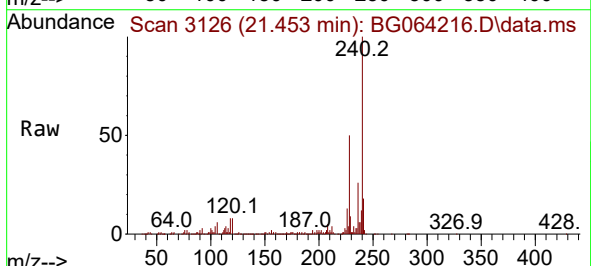
APPROVED

Reviewed By :Rahul Chavli 08/28/2025

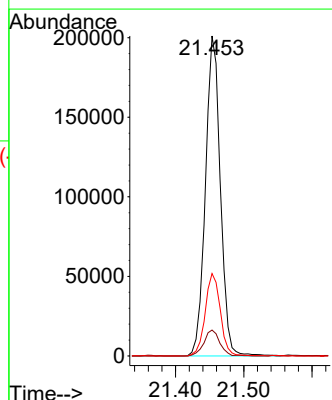
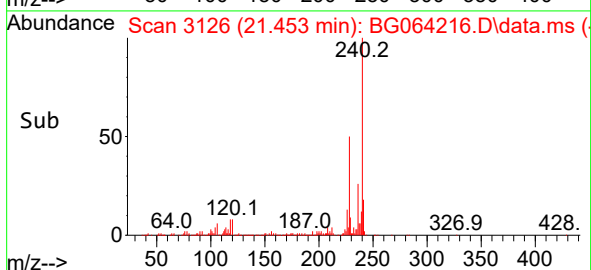
Supervised By :Jagrut Upadhyay 08/28/2025

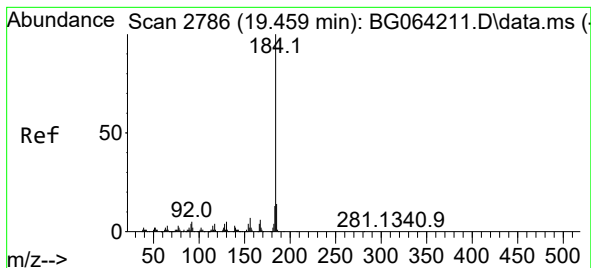


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.453 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02



Tgt Ion:240 Resp: 306393
Ion Ratio Lower Upper
240 100
120 8.1 6.6 9.8
236 25.8 21.0 31.4





#77

Benzidine

Concen: 39.929 ng

RT: 19.456 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064216.D

Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB

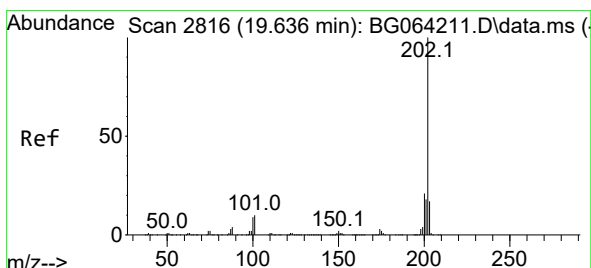
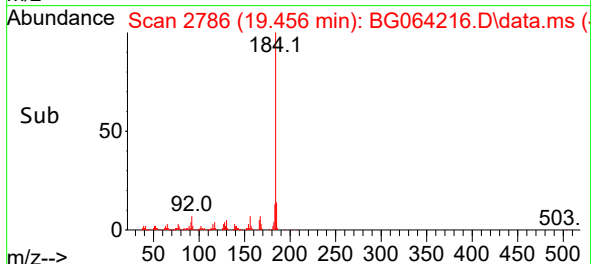
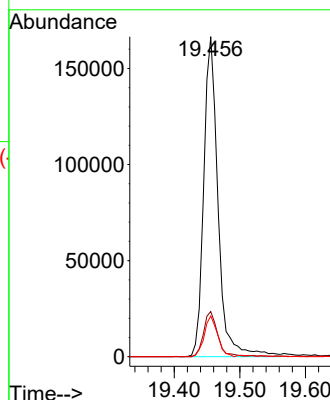
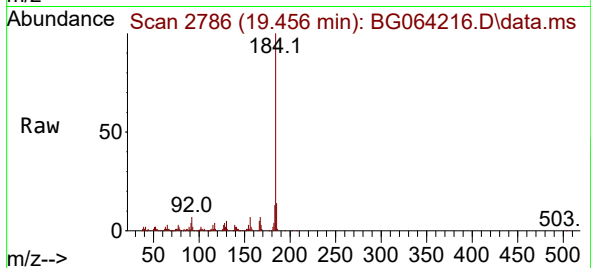
Tgt Ion:184	Resp: 25328
Ion Ratio	Lower Upper
184 100	
185 14.1	10.9 16.3
183 12.7	10.1 15.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#78

Pyrene

Concen: 38.752 ng

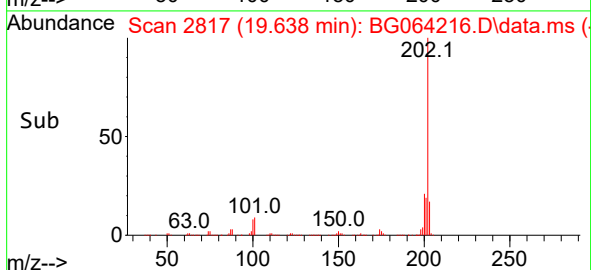
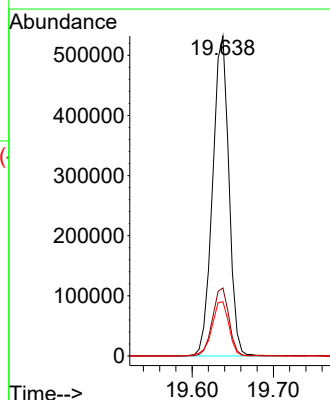
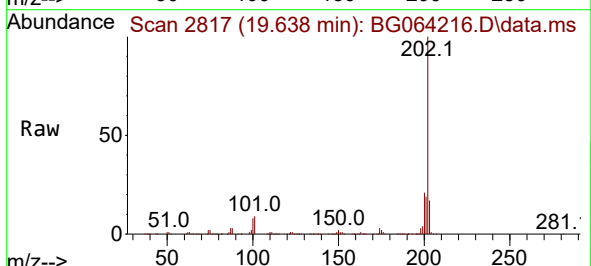
RT: 19.638 min Scan# 2817

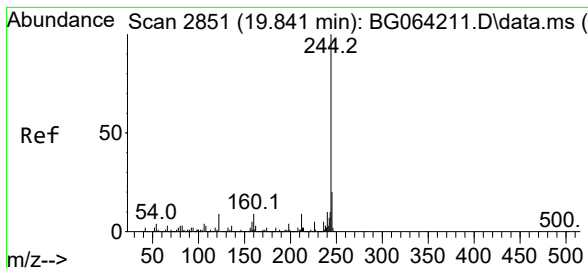
Delta R.T. 0.002 min

Lab File: BG064216.D

Acq: 27 Aug 2025 19:02

Tgt Ion:202	Resp: 739952
Ion Ratio	Lower Upper
202 100	
200 21.3	16.5 24.7
203 17.0	13.8 20.8





#79

Terphenyl-d14

Concen: 76.469 ng

RT: 19.843 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG064216.D

Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB

Tgt Ion:244 Resp: 110884

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

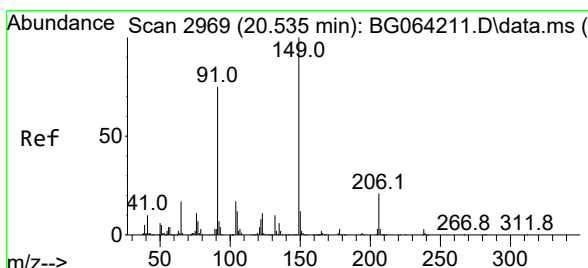
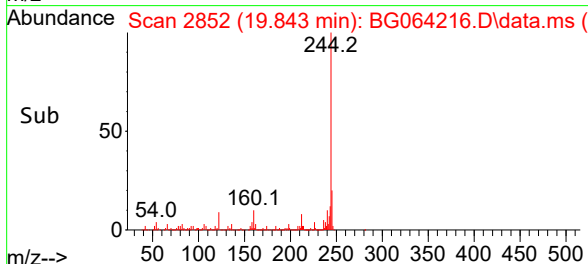
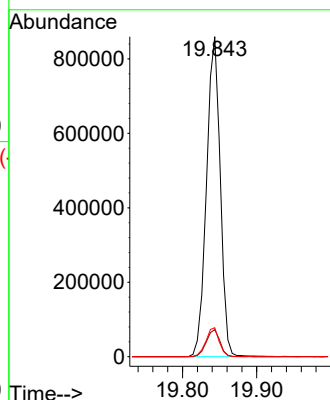
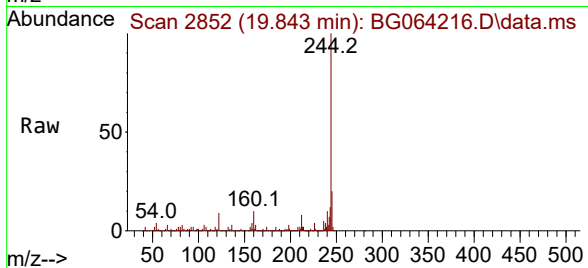
122 9.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#80

Butylbenzylphthalate

Concen: 41.295 ng

RT: 20.537 min Scan# 2970

Delta R.T. 0.002 min

Lab File: BG064216.D

Acq: 27 Aug 2025 19:02

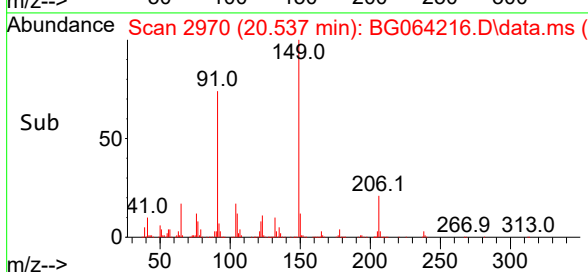
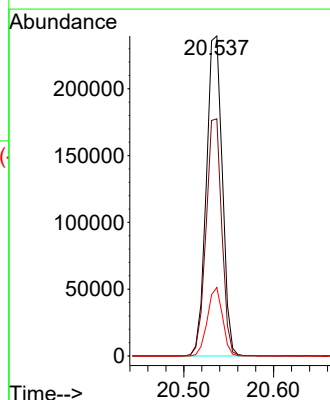
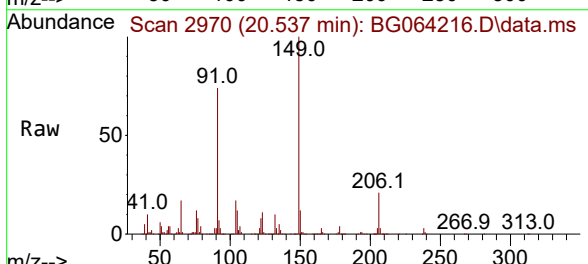
Tgt Ion:149 Resp: 295808

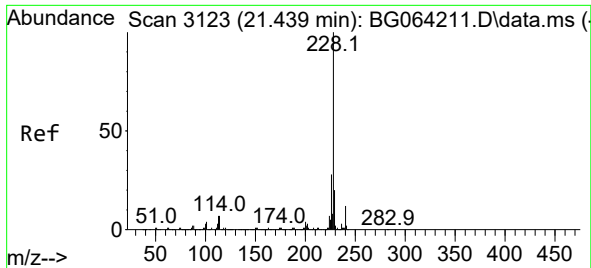
Ion Ratio Lower Upper

149 100

91 74.1 59.8 89.6

206 21.4 16.7 25.1





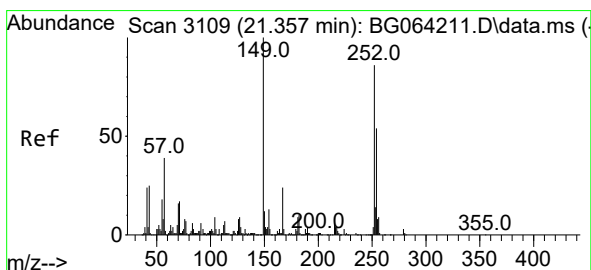
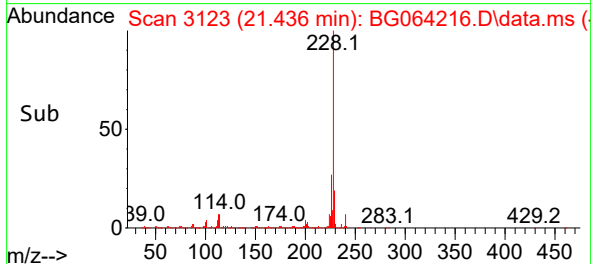
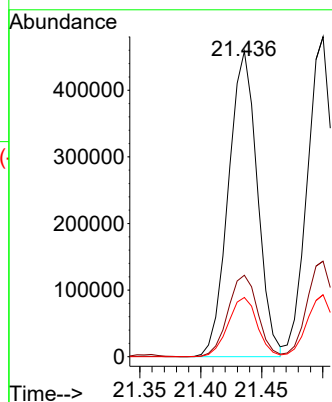
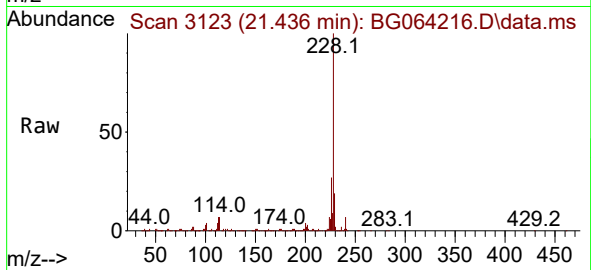
#81
Benzo(a)anthracene
Concen: 38.632 ng
RT: 21.436 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Instrument :
BNA_G
ClientSampleId :
PB169325TB

Tgt Ion:228 Resp: 756400
Ion Ratio Lower Upper
228 100
226 26.7 22.2 33.4
229 19.4 15.8 23.8

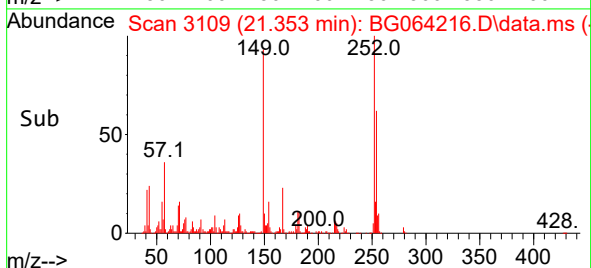
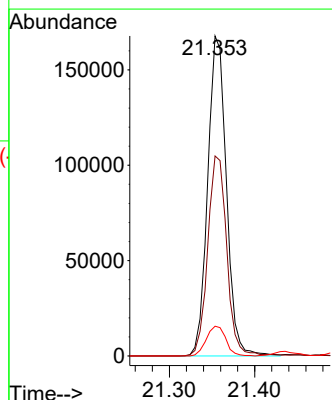
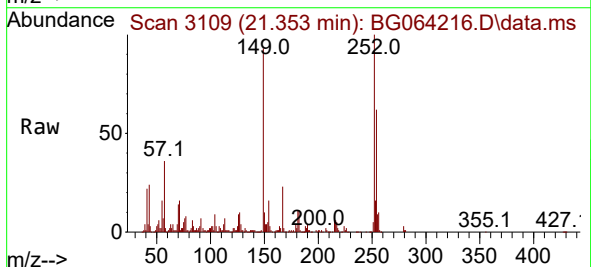
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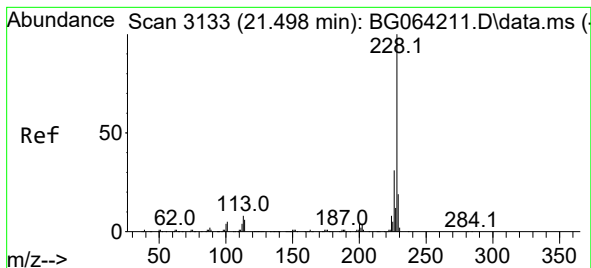
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#82
3,3'-Dichlorobenzidine
Concen: 40.488 ng
RT: 21.353 min Scan# 3109
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

Tgt Ion:252 Resp: 255851
Ion Ratio Lower Upper
252 100
254 62.5 50.1 75.1
126 9.3 7.8 11.6





#83

Chrysene

Concen: 38.343 ng

RT: 21.500 min Scan# 3113

Delta R.T. 0.002 min

Lab File: BG064216.D

Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB

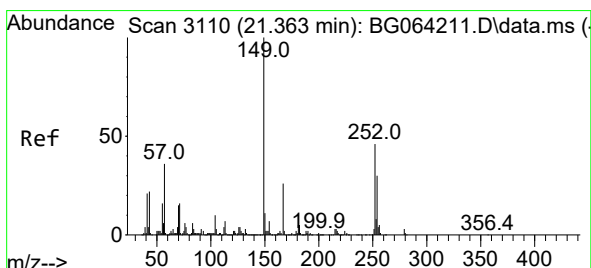
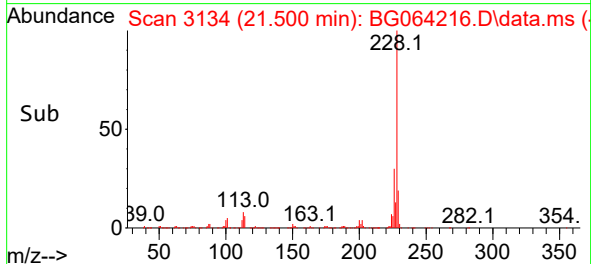
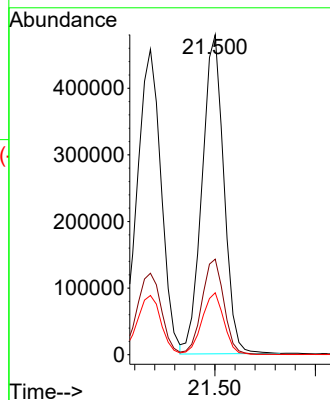
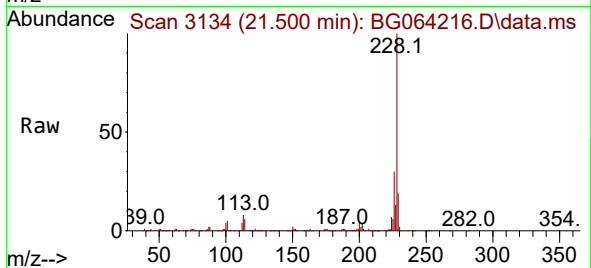
Tgt Ion:228 Resp: 72205
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.2 36.2
 229 19.3 15.5 23.3

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Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.133 ng

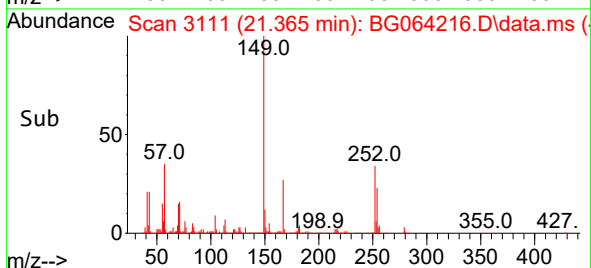
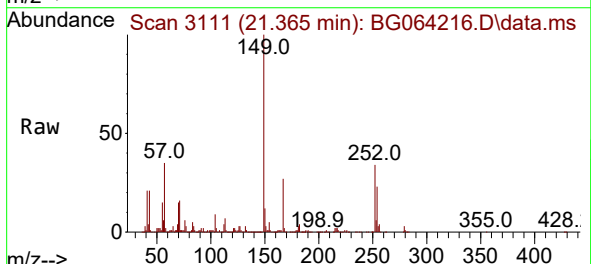
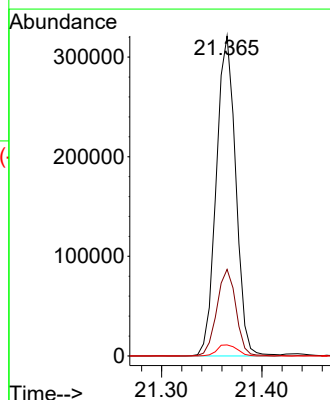
RT: 21.365 min Scan# 3111

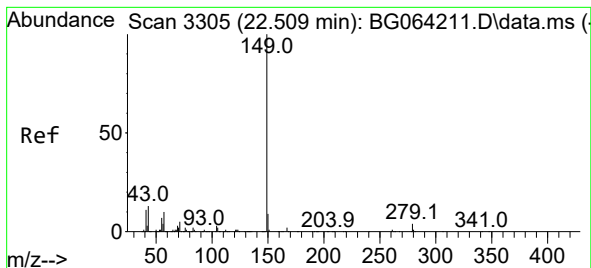
Delta R.T. 0.002 min

Lab File: BG064216.D

Acq: 27 Aug 2025 19:02

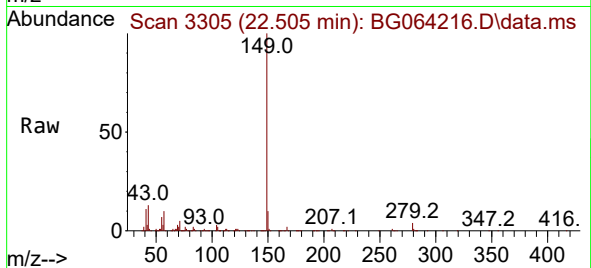
Tgt Ion:149 Resp: 431986
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.0 31.4
 279 3.4 2.3 3.5





#85
Di-n-octyl phthalate
Concen: 39.801 ng
RT: 22.505 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

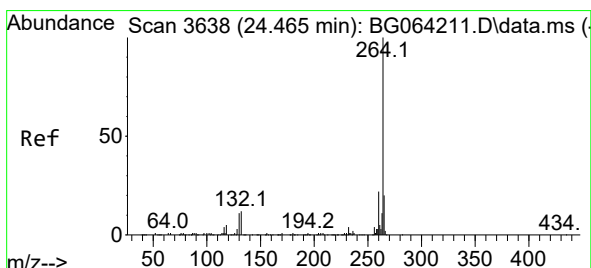
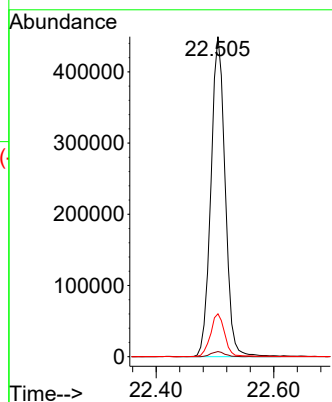
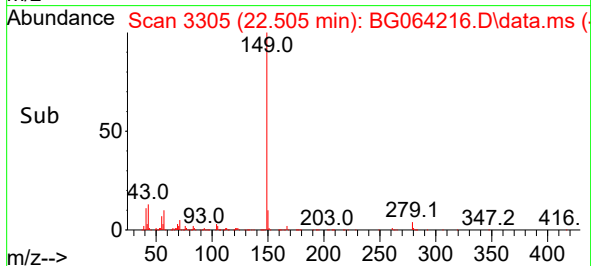
Instrument :
BNA_G
ClientSampleId :
PB169325TB



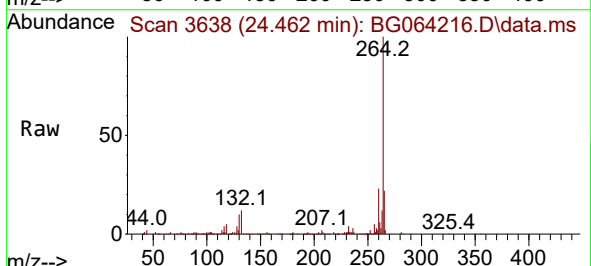
Tgt Ion:149 Resp: 75654
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.5 10.8 16.2

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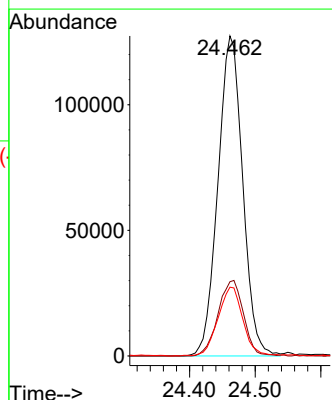
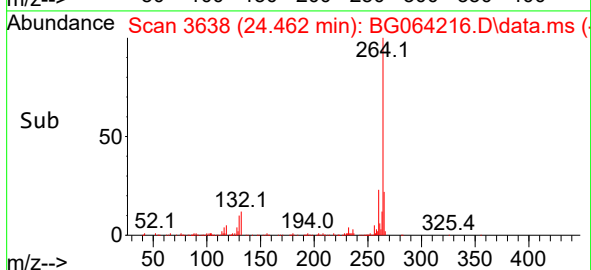
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

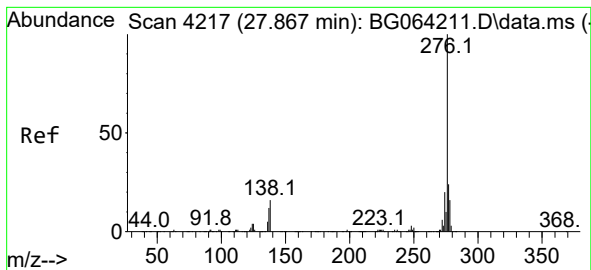


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3638
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02



Tgt Ion:264 Resp: 333471
Ion Ratio Lower Upper
264 100
260 23.2 18.0 27.0
265 21.5 16.3 24.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.283 ng

RT: 27.863 min Scan# 4217

Delta R.T. -0.004 min

Lab File: BG064216.D

Acq: 27 Aug 2025 19:02

Instrument :

BNA_G

ClientSampleId :

PB169325TB

Tgt Ion:276 Resp: 88691

Ion Ratio Lower Upper

276 100

138 14.0 7.9 11.9

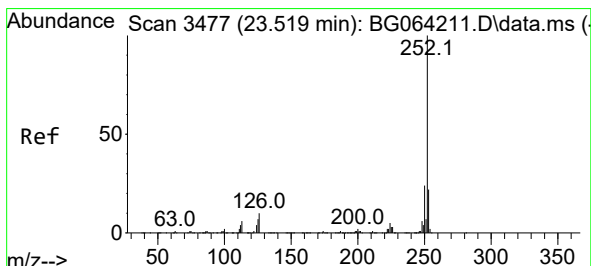
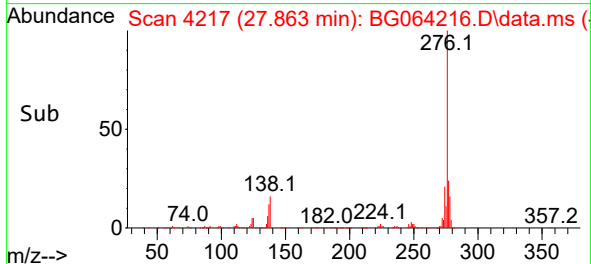
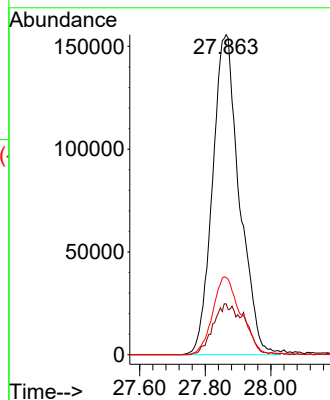
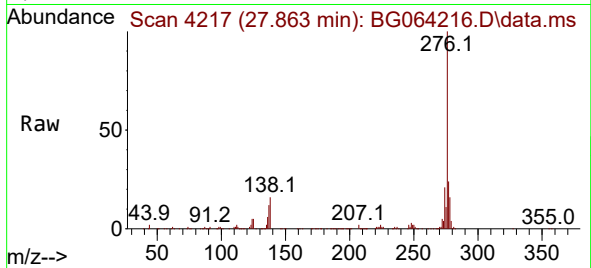
277 25.4 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/28/2025

Supervised By :Jagrut Upadhyay 08/28/2025



#88

Benzo(b)fluoranthene

Concen: 39.255 ng m

RT: 23.516 min Scan# 3477

Delta R.T. -0.004 min

Lab File: BG064216.D

Acq: 27 Aug 2025 19:02

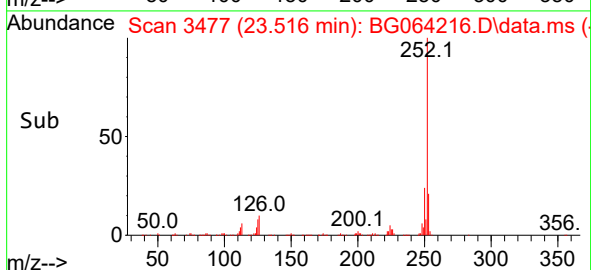
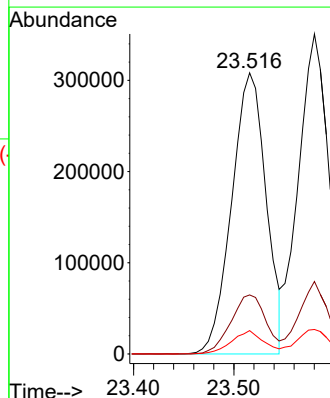
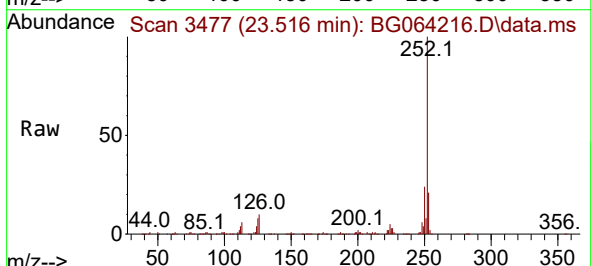
Tgt Ion:252 Resp: 735427

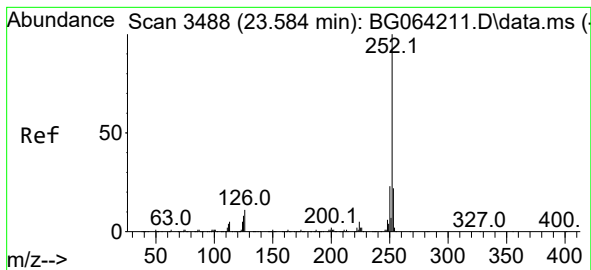
Ion Ratio Lower Upper

252 100

253 21.0 17.2 25.8

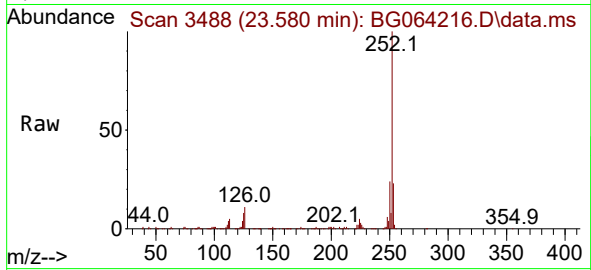
125 8.3 5.5 8.3





#89
Benzo(k)fluoranthene
Concen: 39.203 ng
RT: 23.580 min Scan# 3488
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

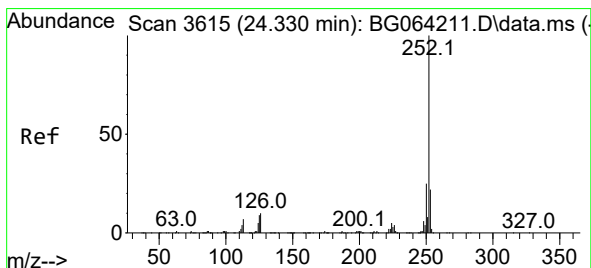
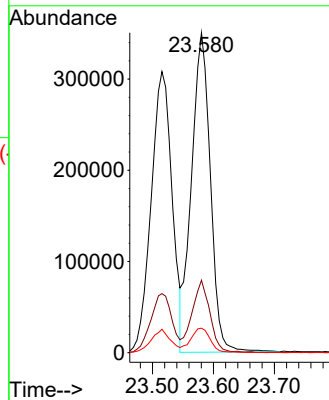
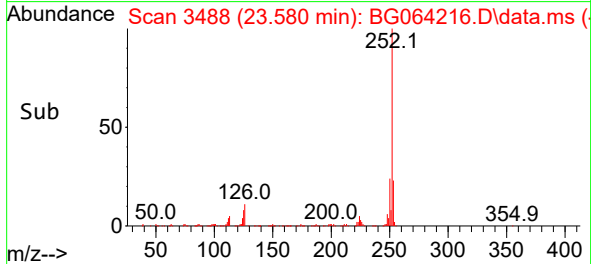
Instrument :
BNA_G
ClientSampleId :
PB169325TB



Tgt Ion:252 Resp: 75436
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 7.7 6.6 9.8

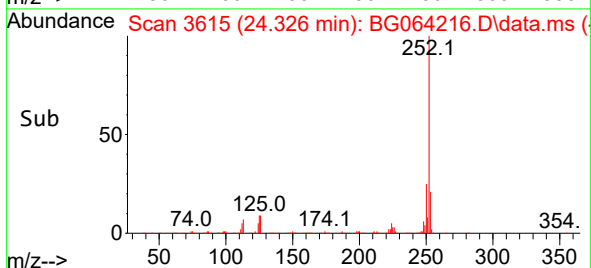
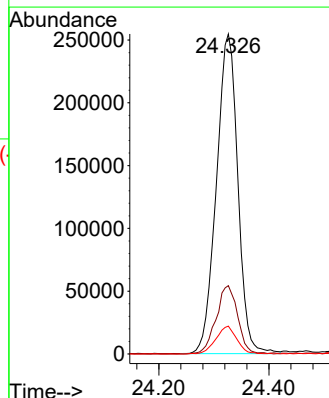
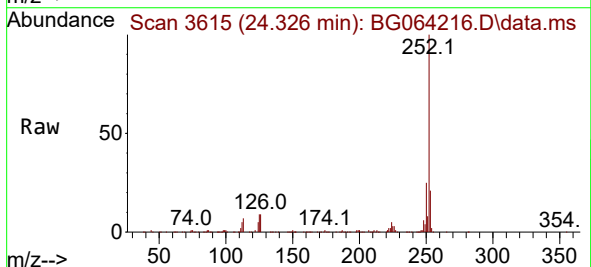
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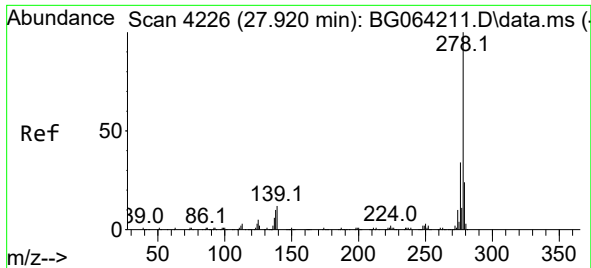
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



#90
Benzo(a)pyrene
Concen: 39.393 ng
RT: 24.326 min Scan# 3615
Delta R.T. -0.004 min
Lab File: BG064216.D
Acq: 27 Aug 2025 19:02

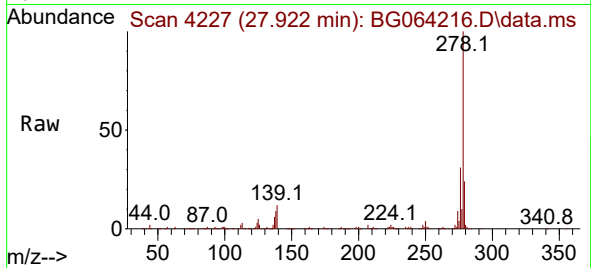
Tgt Ion:252 Resp: 687704
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 8.7 7.4 11.2





#91
 Dibenzo(a,h)anthracene
 Concen: 39.234 ng
 RT: 27.922 min Scan# 4226
 Delta R.T. 0.002 min
 Lab File: BG064216.D
 Acq: 27 Aug 2025 19:02

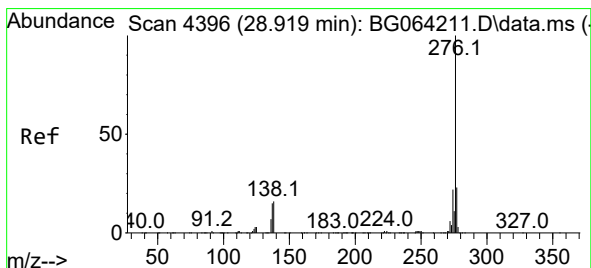
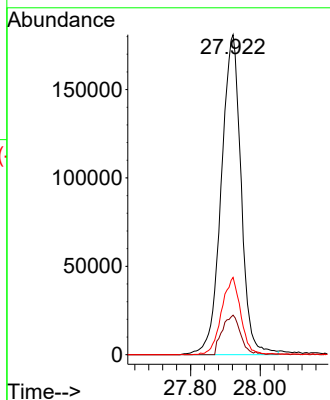
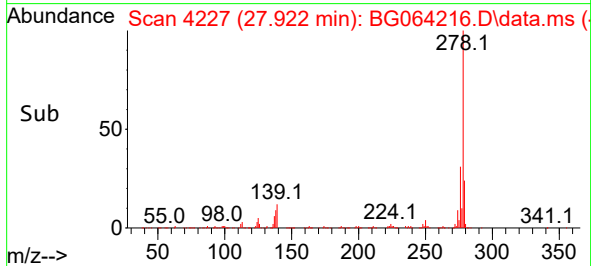
Instrument :
 BNA_G
 ClientSampleId :
 PB169325TB



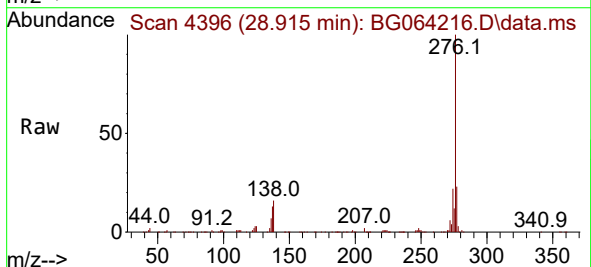
Tgt Ion:278 Resp: 714711
 Ion Ratio Lower Upper
 278 100
 139 12.4 9.8 14.8
 279 24.1 18.9 28.3

Manual Integrations
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Reviewed By :Rahul Chavli 08/28/2025
 Supervised By :Jagrut Upadhyay 08/28/2025



#92
 Benzo(g,h,i)perylene
 Concen: 39.174 ng
 RT: 28.915 min Scan# 4396
 Delta R.T. -0.004 min
 Lab File: BG064216.D
 Acq: 27 Aug 2025 19:02



Tgt Ion:276 Resp: 689813
 Ion Ratio Lower Upper
 276 100
 277 23.3 18.6 27.8
 138 16.0 12.4 18.6

