

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064448.D
 Acq On : 25 Sep 2025 16:44
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:46:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 17:41:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	19629	20.000	ng	0.00
21) Naphthalene-d8	10.632	136	82993	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	61681	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	148886	20.000	ng	# 0.00
76) Chrysene-d12	21.442	240	160340	20.000	ng	0.00
86) Perylene-d12	24.433	264	174344	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.432	112	159963	155.730	ng	0.00
7) Phenol-d6	7.018	99	224629	159.624	ng	0.00
23) Nitrobenzene-d5	8.998	82	249768	163.100	ng	0.00
42) 2,4,6-Tribromophenol	15.961	330	166650	154.764	ng	0.00
45) 2-Fluorobiphenyl	13.093	172	647103	154.917	ng	0.00
79) Terphenyl-d14	19.832	244	1259887	154.896	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	29953	69.490	ng	97
3) Pyridine	3.734	79	86739	74.642	ng	99
4) n-Nitrosodimethylamine	3.651	42	67374	75.900	ng	99
6) Aniline	7.171	93	142053	77.953	ng	99
8) 2-Chlorophenol	7.406	128	100982	78.580	ng	99
9) Benzaldehyde	6.983	77	85928	71.737	ng	93
10) Phenol	7.047	94	119506	78.432	ng	97
11) bis(2-Chloroethyl)ether	7.271	93	80380	78.567	ng	93
12) 1,3-Dichlorobenzene	7.729	146	111353	77.303	ng	97
13) 1,4-Dichlorobenzene	7.876	146	111326m	75.656	ng	
14) 1,2-Dichlorobenzene	8.193	146	109859	78.784	ng	98
15) Benzyl Alcohol	8.082	79	105960	79.912	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.364	45	129875	72.804	ng	96
17) 2-Methylphenol	8.287	107	86041	78.167	ng	98
18) Hexachloroethane	8.922	117	43436	78.241	ng	98
19) n-Nitroso-di-n-propyla...	8.651	70	75609	79.490	ng	# 97
20) 3+4-Methylphenols	8.616	107	117454	75.908	ng	97
22) Acetophenone	8.663	105	160704	80.881	ng	# 96
24) Nitrobenzene	9.039	77	122078	81.667	ng	97
25) Isophorone	9.568	82	218426	77.086	ng	98
26) 2-Nitrophenol	9.744	139	60345	82.012	ng	98
27) 2,4-Dimethylphenol	9.809	122	93617	78.884	ng	99
28) bis(2-Chloroethoxy)met...	10.044	93	114851	78.459	ng	97
29) 2,4-Dichlorophenol	10.285	162	105641	77.343	ng	96
30) 1,2,4-Trichlorobenzene	10.496	180	117206	80.225	ng	96
31) Naphthalene	10.679	128	338660	78.163	ng	96
32) Benzoic acid	10.003	122	81423m	92.734	ng	
33) 4-Chloroaniline	10.790	127	130086	82.076	ng	97
34) Hexachlorobutadiene	10.966	225	98170	78.886	ng	98
35) Caprolactam	11.589	113	33853	75.116	ng	92
36) 4-Chloro-3-methylphenol	11.924	107	127407	78.697	ng	# 92
37) 2-Methylnaphthalene	12.288	142	256209	78.312	ng	95
38) 1-Methylnaphthalene	12.506	142	249106	77.491	ng	99
40) 1,2,4,5-Tetrachloroben...	12.659	216	157088	79.911	ng	99
41) Hexachlorocyclopentadiene	12.641	237	89314	85.550	ng	94
43) 2,4,6-Trichlorophenol	12.899	196	104793	81.725	ng	94

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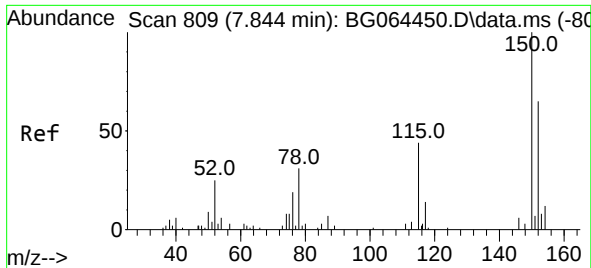
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration

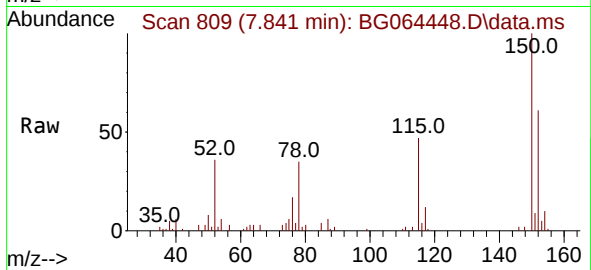
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.976	196	110683	77.863	ng	96
46) 1,1'-Biphenyl	13.305	154	348385	79.400	ng	98
47) 2-Chloronaphthalene	13.346	162	261616	78.449	ng	99
48) 2-Nitroaniline	13.546	65	92838	81.000	ng	96
49) Acenaphthylene	14.186	152	384534	77.670	ng	99
50) Dimethylphthalate	13.928	163	356340	75.622	ng	98
51) 2,6-Dinitrotoluene	14.045	165	78012	78.820	ng	# 80
52) Acenaphthene	14.533	154	262559	77.494	ng	98
53) 3-Nitroaniline	14.374	138	76592	81.667	ng	# 95
54) 2,4-Dinitrophenol	14.586	184	56236	85.555	ng	90
55) Dibenzofuran	14.868	168	431971	76.896	ng	98
56) 4-Nitrophenol	14.691	139	62726	82.628	ng	97
57) 2,4-Dinitrotoluene	14.838	165	120447	79.716	ng	# 95
58) Fluorene	15.520	166	354937	76.539	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.097	232	111624	80.008	ng	98
60) Diethylphthalate	15.297	149	386182	76.061	ng	98
61) 4-Chlorophenyl-phenyle...	15.508	204	189750	74.932	ng	94
62) 4-Nitroaniline	15.549	138	82584	82.122	ng	92
63) Azobenzene	15.802	77	304330	76.600	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	84794	83.141	ng	91
66) n-Nitrosodiphenylamine	15.726	169	305998	77.020	ng	94
67) 4-Bromophenyl-phenylether	16.401	248	135740	77.810	ng	94
68) Hexachlorobenzene	16.525	284	154180	77.660	ng	97
69) Atrazine	16.677	200	135575	75.110	ng	99
70) Pentachlorophenol	16.865	266	104048	86.841	ng	93
71) Phenanthrene	17.253	178	599449	77.462	ng	99
72) Anthracene	17.341	178	614451	77.972	ng	99
73) Carbazole	17.612	167	535202	77.415	ng	97
74) Di-n-butylphthalate	18.176	149	649439	76.797	ng	99
75) Fluoranthene	19.263	202	744166	76.151	ng	99
77) Benzidine	19.445	184	259122	61.724	ng	97
78) Pyrene	19.627	202	776775	78.076	ng	99
80) Butylbenzylphthalate	20.520	149	289955	77.974	ng	97
81) Benzo(a)anthracene	21.419	228	805149	78.427	ng	98
82) 3,3'-Dichlorobenzidine	21.342	252	271691	76.951	ng	# 99
83) Chrysene	21.483	228	763675	78.546	ng	98
84) Bis(2-ethylhexyl)phtha...	21.342	149	425021	79.343	ng	99
85) Di-n-octyl phthalate	22.476	149	712196	78.213	ng	100
87) Indeno(1,2,3-cd)pyrene	27.835	276	957142	77.678	ng	97
88) Benzo(b)fluoranthene	23.493	252	792510	79.295	ng	98
89) Benzo(k)fluoranthene	23.563	252	780237	77.992	ng	99
90) Benzo(a)pyrene	24.304	252	722303	78.017	ng	99
91) Dibenzo(a,h)anthracene	27.888	278	778997	77.983	ng	97
92) Benzo(g,h,i)perylene	28.892	276	741087	77.248	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.841 min Scan# 809
Delta R.T. -0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

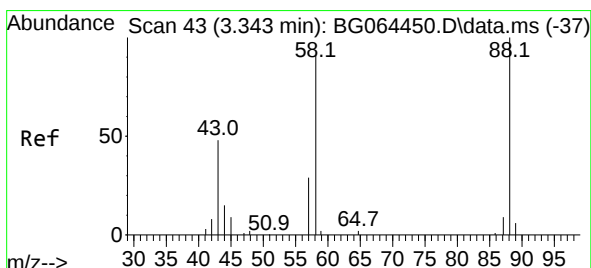
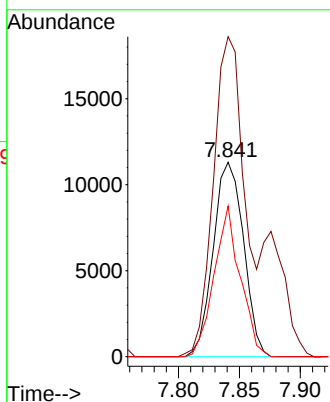
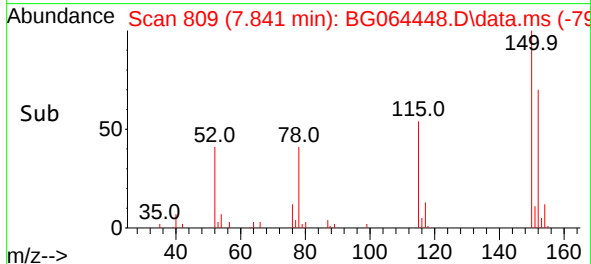
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 19629
Ion Ratio Lower Upper
152 100
150 164.6 122.9 184.3
115 77.6 54.3 81.5

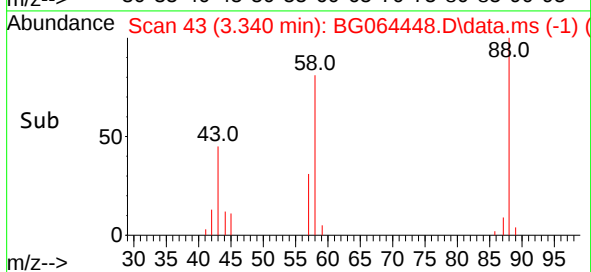
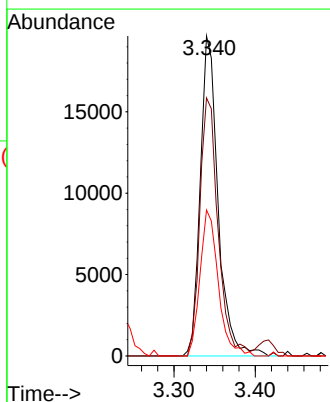
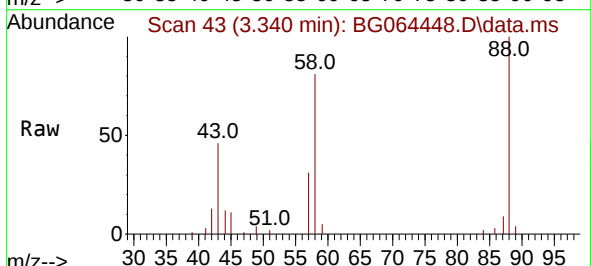
Manual Integrations
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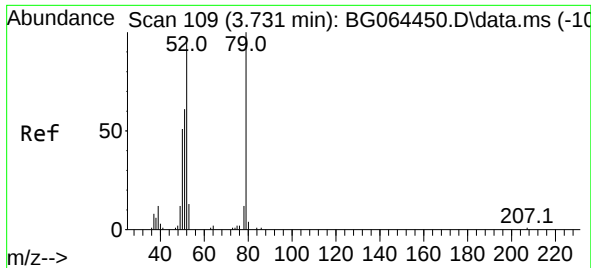
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#2
1,4-Dioxane
Concen: 69.490 ng
RT: 3.340 min Scan# 43
Delta R.T. -0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

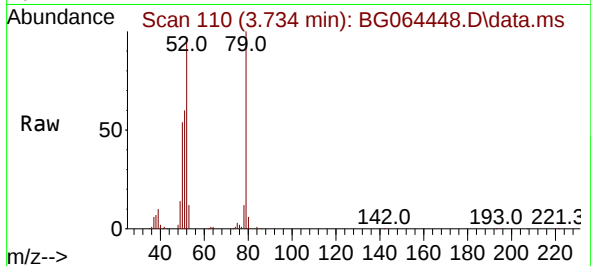
Tgt Ion: 88 Resp: 29953
Ion Ratio Lower Upper
88 100
58 82.2 67.9 101.9
43 46.8 39.4 59.2





#3
Pyridine
Concen: 74.642 ng
RT: 3.734 min Scan# 110
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

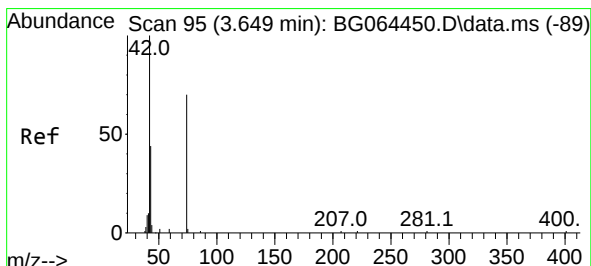
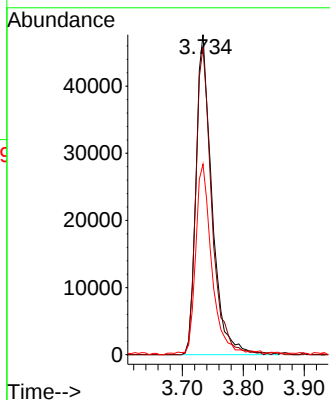
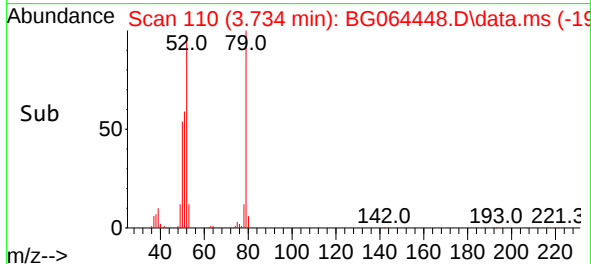
Instrument :
BNA_G
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SSTDICC080



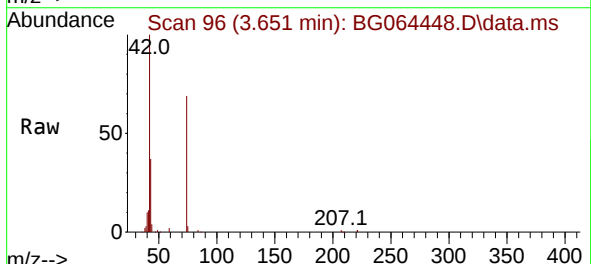
Tgt Ion: 79 Resp: 86739
Ion Ratio Lower Upper
79 100
52 96.1 76.6 114.8
51 59.6 49.3 73.9

Manual Integrations
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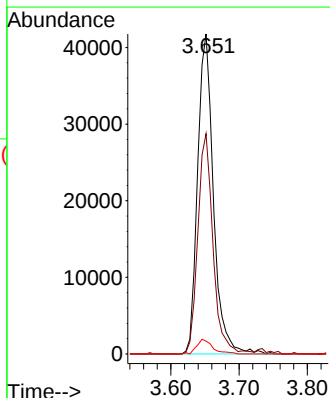
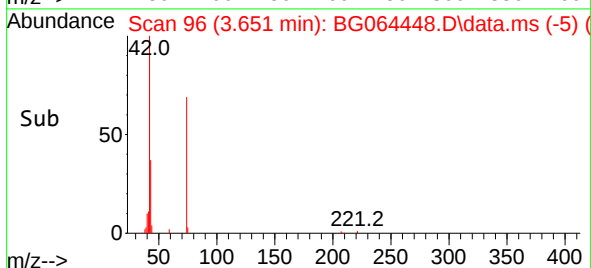
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

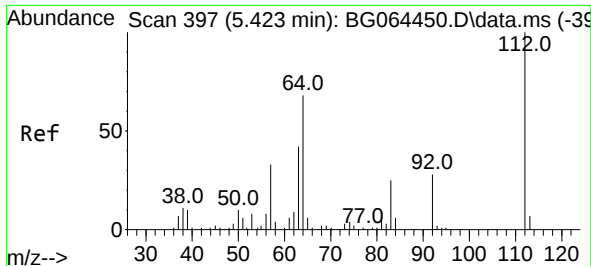


#4
n-Nitrosodimethylamine
Concen: 75.900 ng
RT: 3.651 min Scan# 96
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



Tgt Ion: 42 Resp: 67374
Ion Ratio Lower Upper
42 100
74 68.9 56.1 84.1
44 4.0 3.1 4.7





#5
2-Fluorophenol
Concen: 155.730 ng
RT: 5.432 min Scan# 397
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

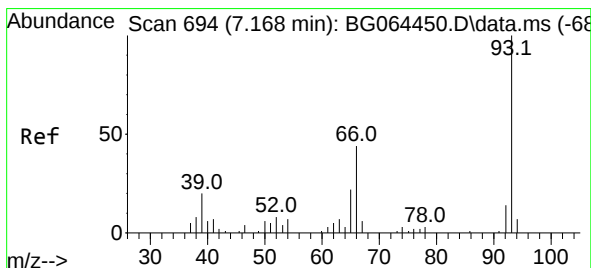
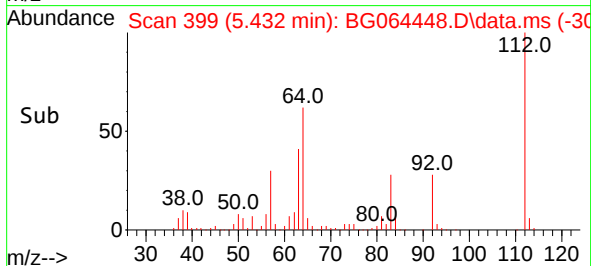
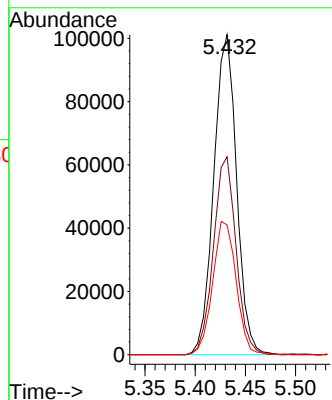
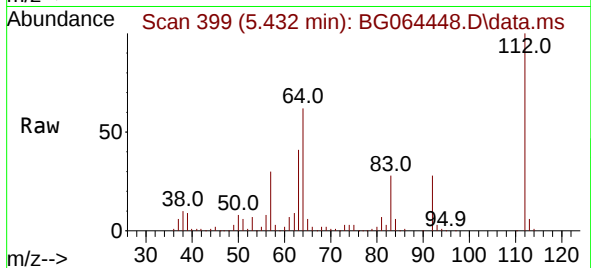
SSTDICC080

Tgt Ion:112 Resp: 15996
Ion Ratio Lower Upper
112 100
64 61.9 54.0 81.0
63 40.6 33.8 50.6

Manual Integrations

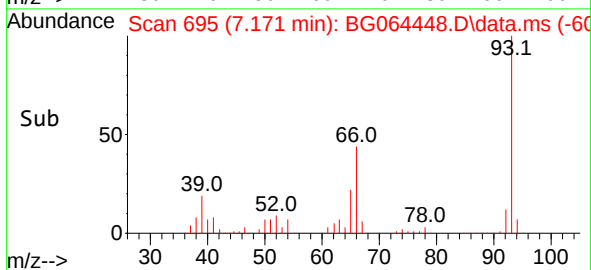
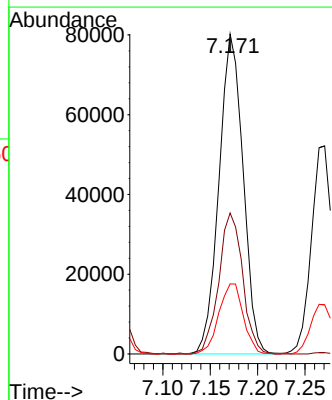
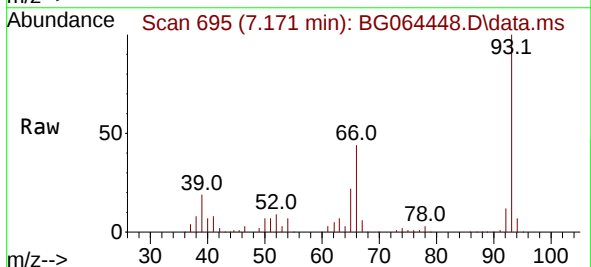
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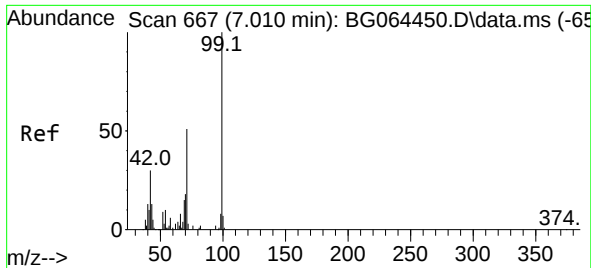
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#6
Aniline
Concen: 77.953 ng
RT: 7.171 min Scan# 695
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Tgt Ion: 93 Resp: 142053
Ion Ratio Lower Upper
93 100
66 44.1 34.9 52.3
65 21.9 17.3 25.9





#7
Phenol-d6
Concen: 159.624 ng
RT: 7.018 min Scan# 60
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

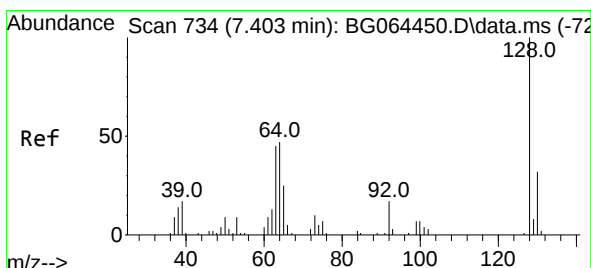
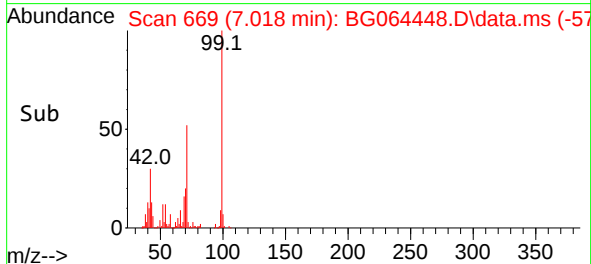
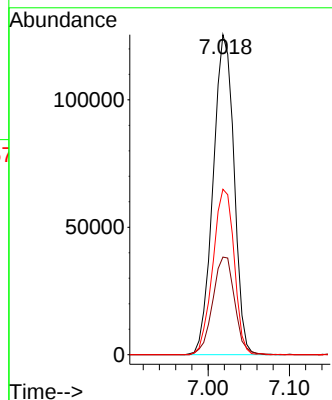
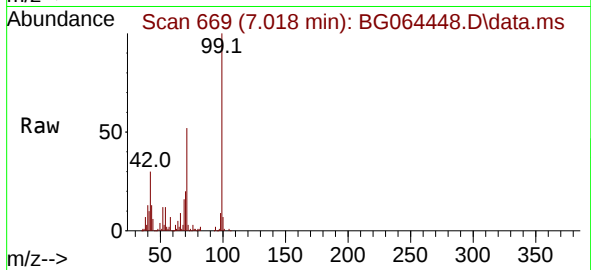
Tgt Ion: 99 Resp: 224629
Ion Ratio Lower Upper
99 100
42 30.5 24.0 36.0
71 51.7 40.5 60.7

Manual Integrations

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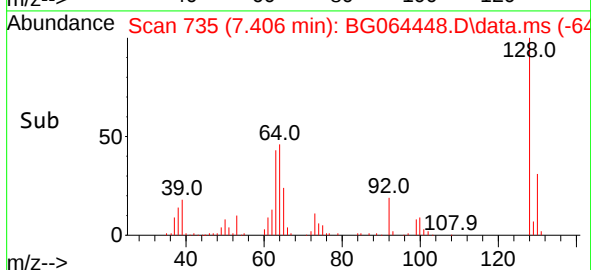
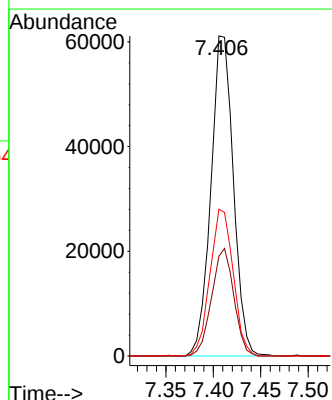
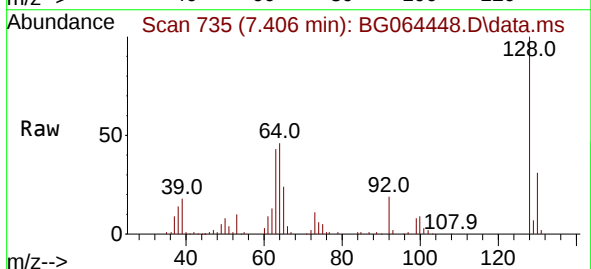
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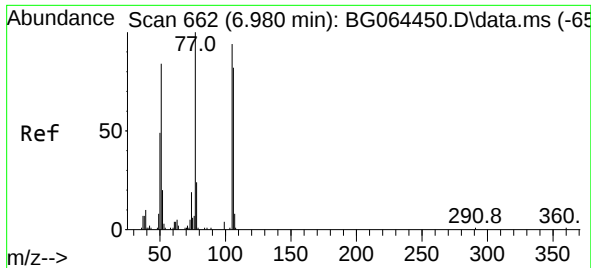
Supervised By :Jagrut Upadhyay 10/03/2025



#8
2-Chlorophenol
Concen: 78.580 ng
RT: 7.406 min Scan# 735
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Tgt Ion:128 Resp: 100982
Ion Ratio Lower Upper
128 100
130 31.2 11.8 51.8
64 45.9 27.0 67.0





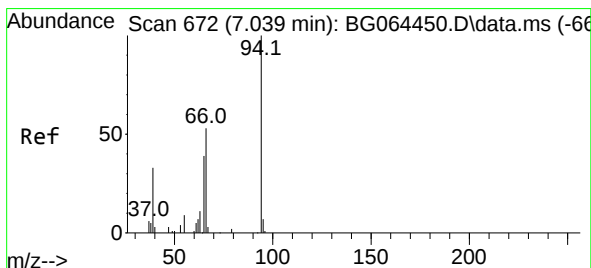
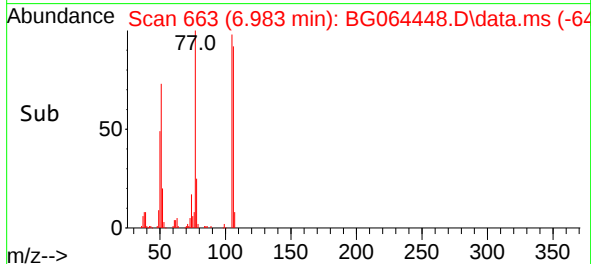
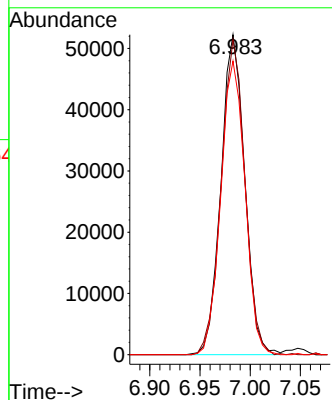
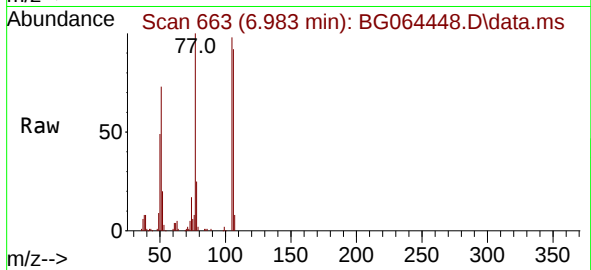
#9
Benzaldehyde
Concen: 71.737 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 85928
Ion Ratio Lower Upper
77 100
105 98.4 74.0 114.0
106 91.7 62.5 102.5

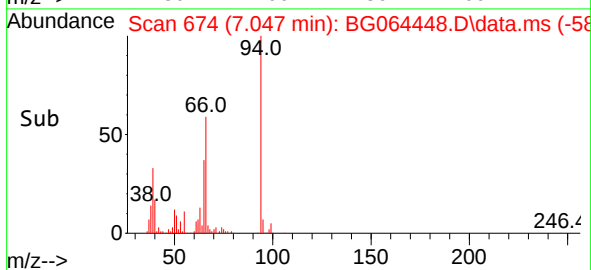
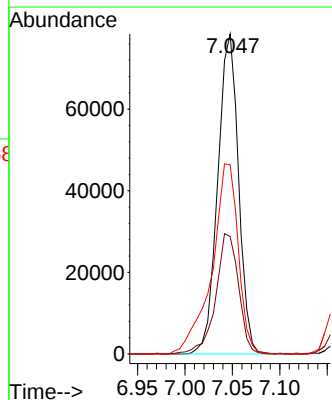
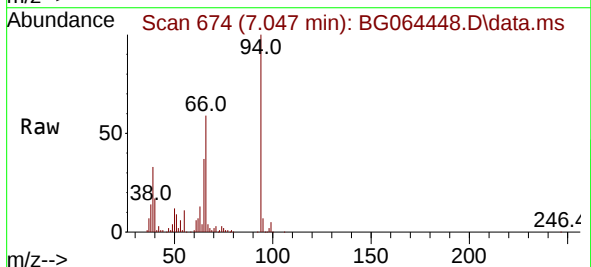
Manual Integrations
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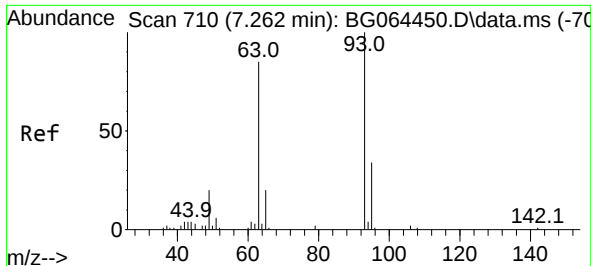
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#10
Phenol
Concen: 78.432 ng
RT: 7.047 min Scan# 674
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Tgt Ion: 94 Resp: 119506
Ion Ratio Lower Upper
94 100
65 36.8 21.1 61.1
66 59.2 39.7 79.7





#11
bis(2-Chloroethyl)ether
Concen: 78.567 ng
RT: 7.271 min Scan# 710
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

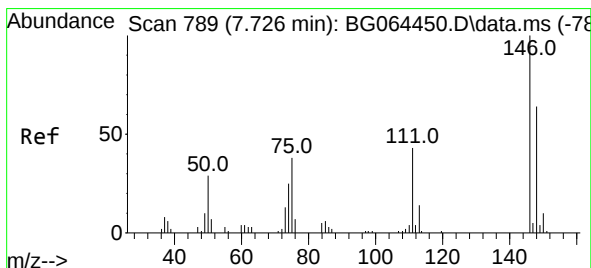
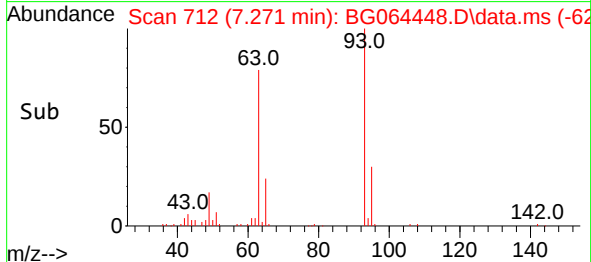
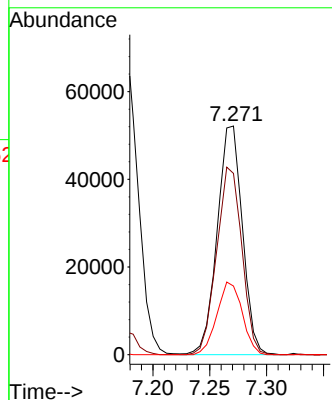
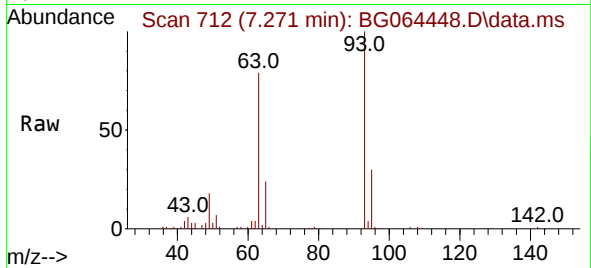
ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 80380
Ion Ratio Lower Upper
93 100
63 79.3 65.3 105.3
95 30.0 13.7 53.7

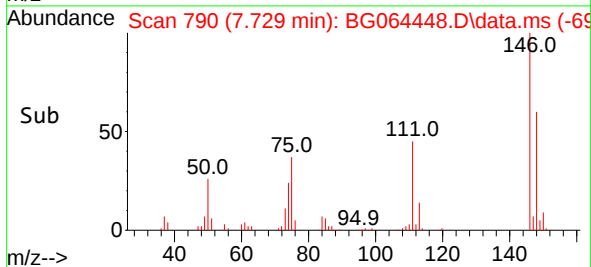
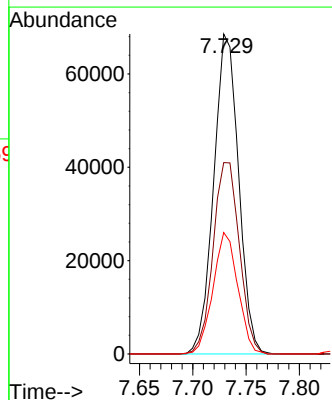
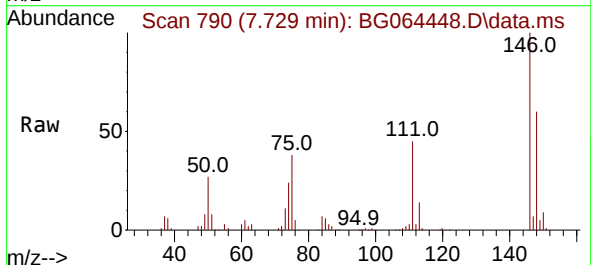
Manual Integrations
APPROVED

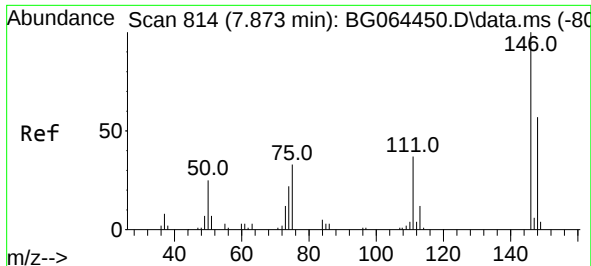
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#12
1,3-Dichlorobenzene
Concen: 77.303 ng
RT: 7.729 min Scan# 790
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Tgt Ion:146 Resp: 111353
Ion Ratio Lower Upper
146 100
148 59.8 51.0 76.4
75 38.0 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 75.656 ng m

RT: 7.876 min Scan# 814

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 111320

Ion Ratio Lower Upper

146 100

148 65.0 45.3 67.9

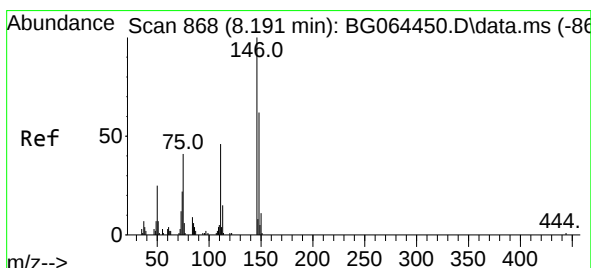
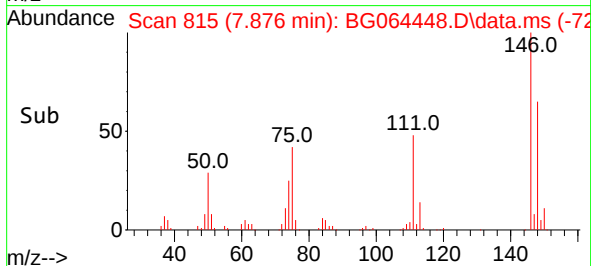
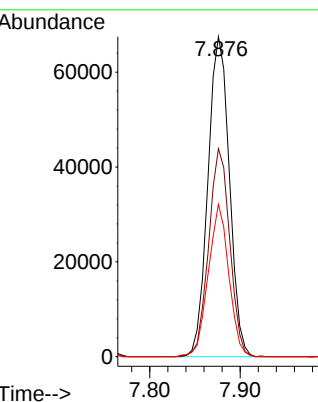
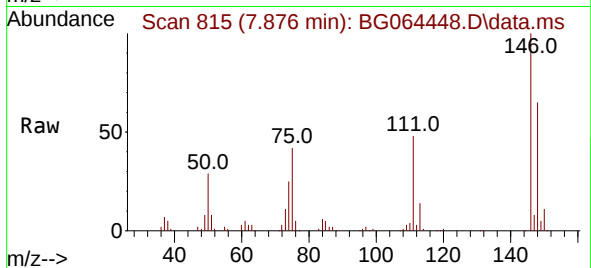
111 47.7 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 78.784 ng

RT: 8.193 min Scan# 869

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

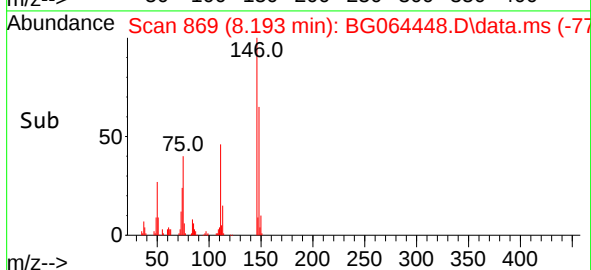
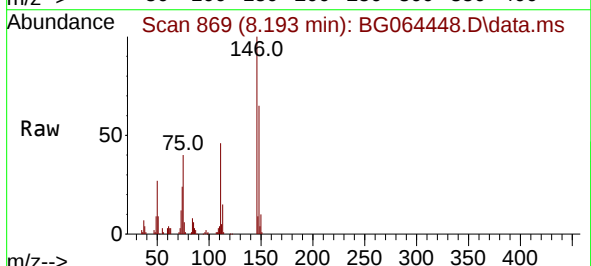
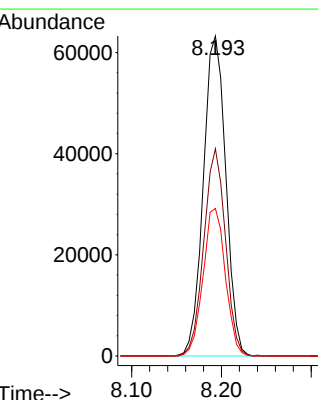
Tgt Ion:146 Resp: 109859

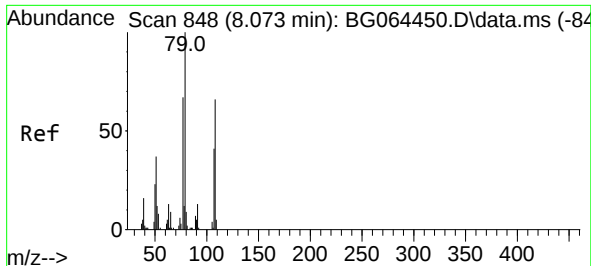
Ion Ratio Lower Upper

146 100

148 64.8 49.9 74.9

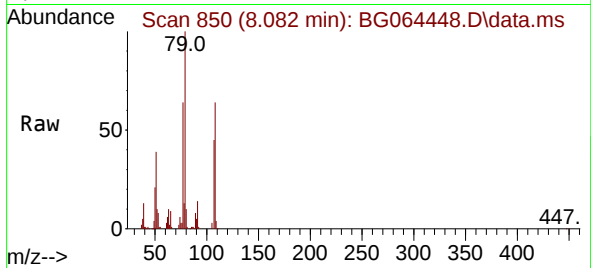
111 46.1 36.6 54.8





#15
Benzyl Alcohol
Concen: 79.912 ng
RT: 8.082 min Scan# 848
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

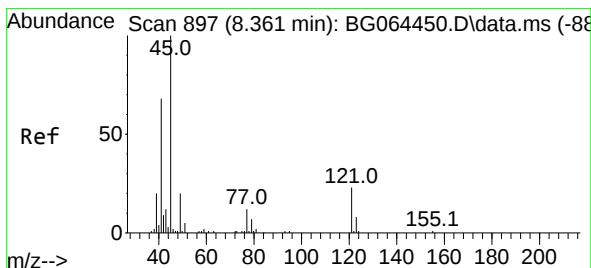
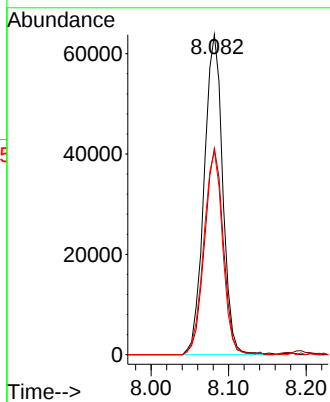
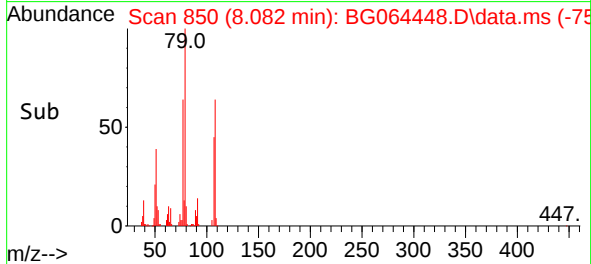
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 105960
Ion Ratio Lower Upper
79 100
108 64.5 53.0 79.6
77 63.6 53.6 80.4

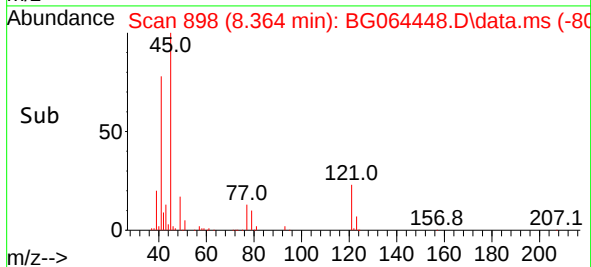
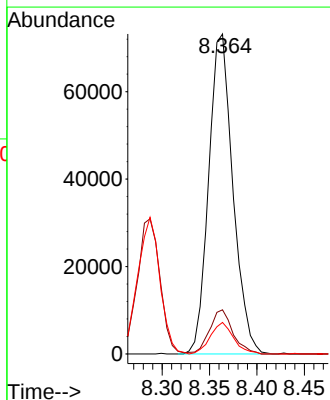
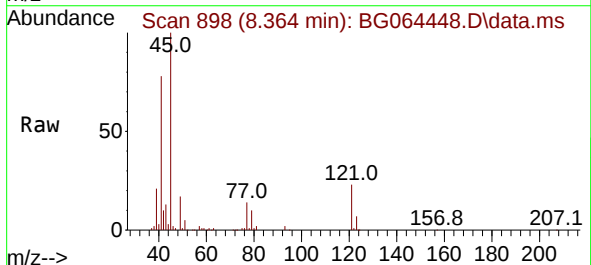
Manual Integrations
APPROVED

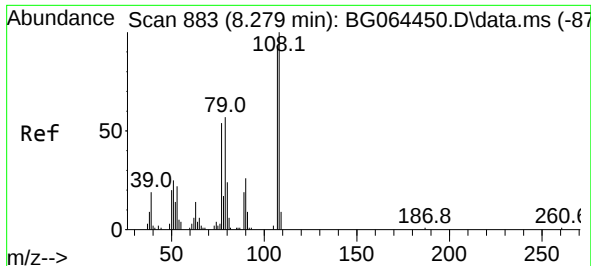
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.804 ng
RT: 8.364 min Scan# 898
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Tgt Ion: 45 Resp: 129875
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.8
79 9.8 0.0 28.0





#17
2-Methylphenol
Concen: 78.167 ng
RT: 8.287 min Scan# 885
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

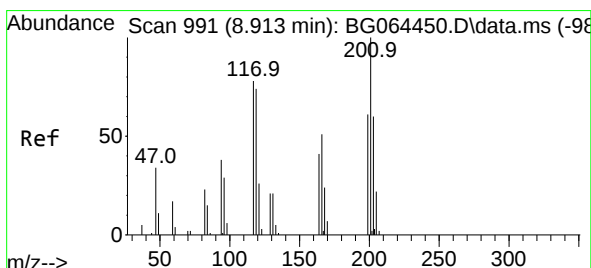
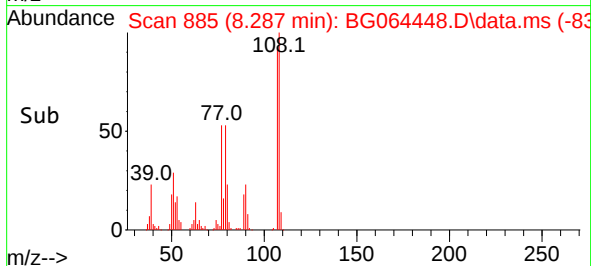
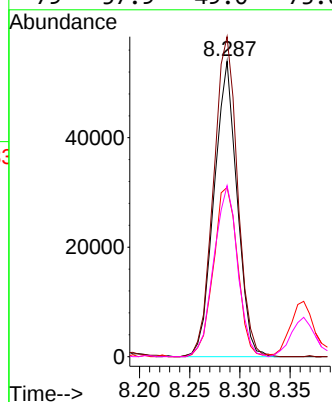
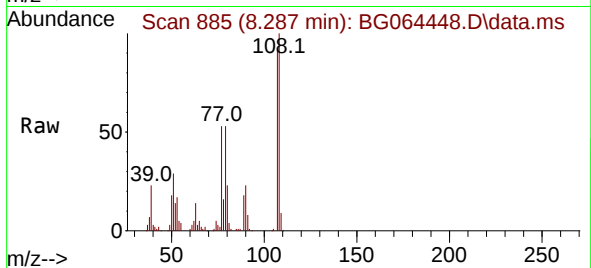
SSTDICC080

Tgt Ion:107 Resp: 8604
Ion Ratio Lower Upper
107 100
108 108.3 86.2 129.2
77 57.3 46.7 70.1
79 57.9 49.0 73.6

Manual Integrations

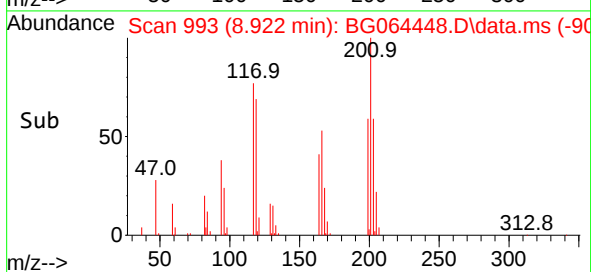
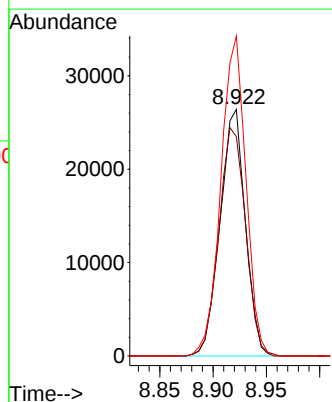
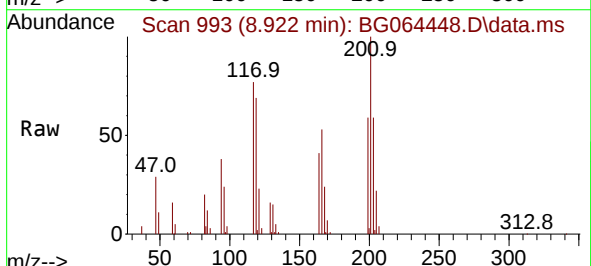
APPROVED

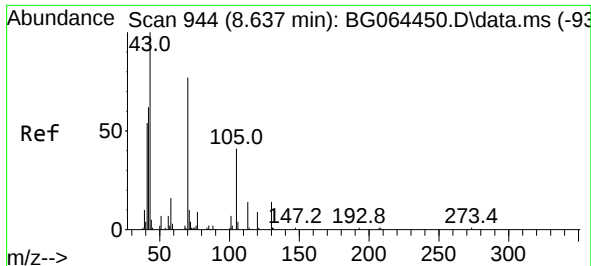
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#18
Hexachloroethane
Concen: 78.241 ng
RT: 8.922 min Scan# 993
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

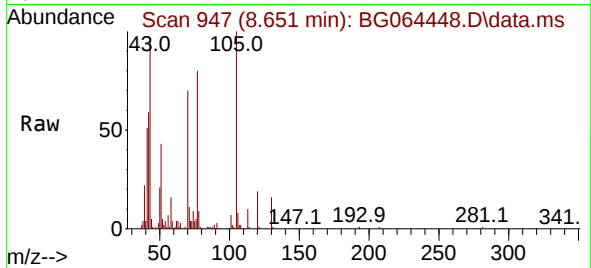
Tgt Ion:117 Resp: 43436
Ion Ratio Lower Upper
117 100
119 91.3 76.6 115.0
201 129.7 103.0 154.6





#19
n-Nitroso-di-n-propylamine
Concen: 79.490 ng
RT: 8.651 min Scan# 941
Delta R.T. 0.014 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

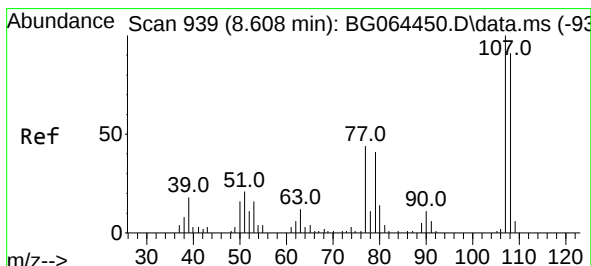
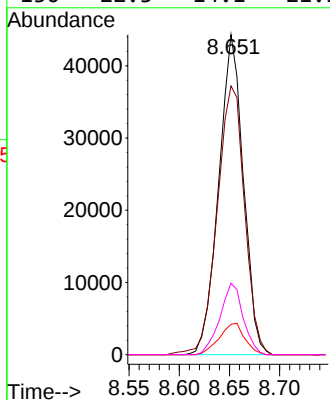
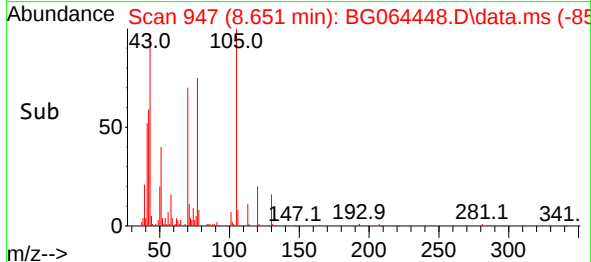
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



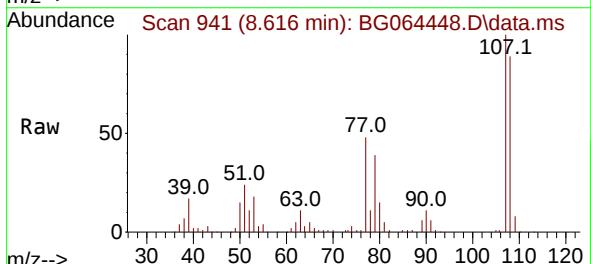
Tgt Ion: 70 Resp: 75609
Ion Ratio Lower Upper
70 100
42 84.0 65.6 98.4
101 9.5 7.7 11.5
130 22.3 14.1 21.1#

Manual Integrations
APPROVED

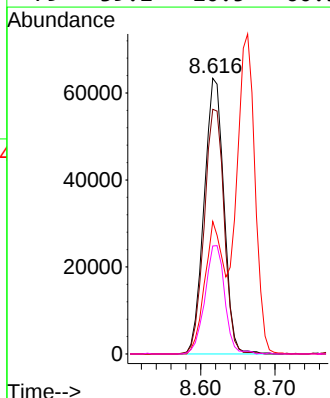
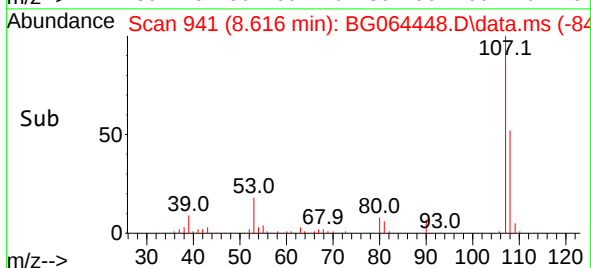
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

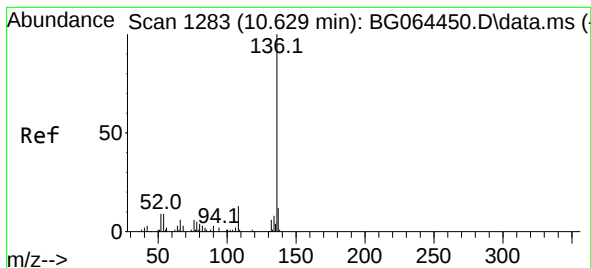


#20
3+4-Methylphenols
Concen: 75.908 ng
RT: 8.616 min Scan# 941
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



Tgt Ion:107 Resp: 117454
Ion Ratio Lower Upper
107 100
108 88.7 70.9 110.9
77 48.1 24.4 64.4
79 39.2 20.5 60.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.632 min Scan# 10632
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

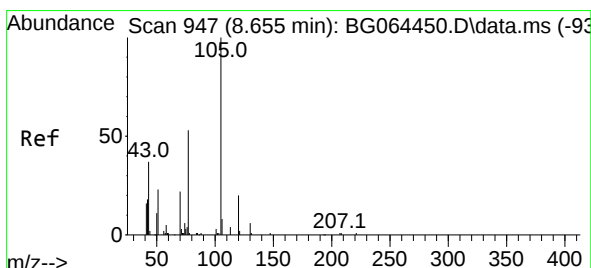
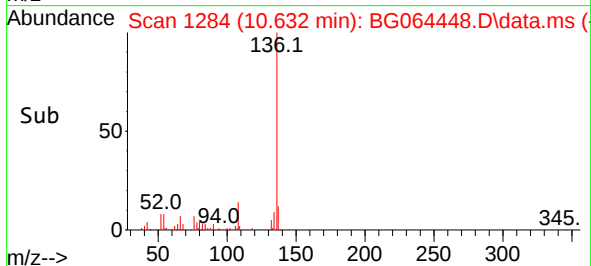
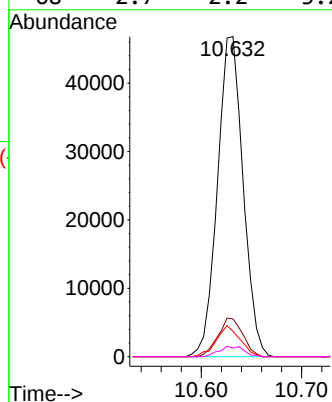
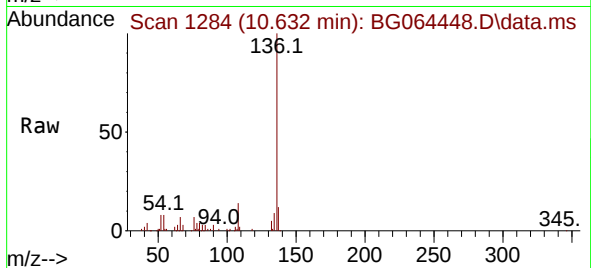
SSTDICC080

Tgt Ion:136 Resp: 82993
Ion Ratio Lower Upper
136 100
137 11.8 9.6 14.4
54 8.0 7.4 11.2
68 2.7 2.2 3.2

Manual Integrations

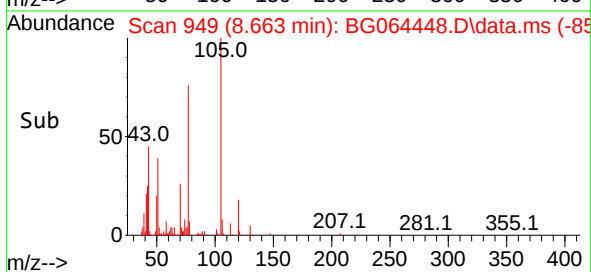
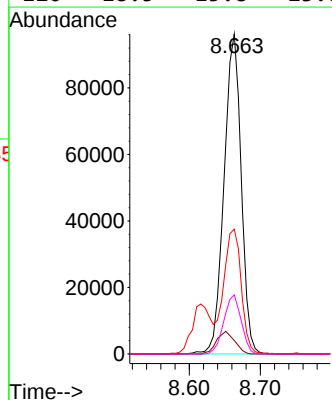
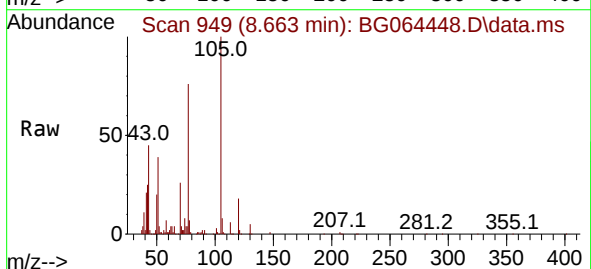
APPROVED

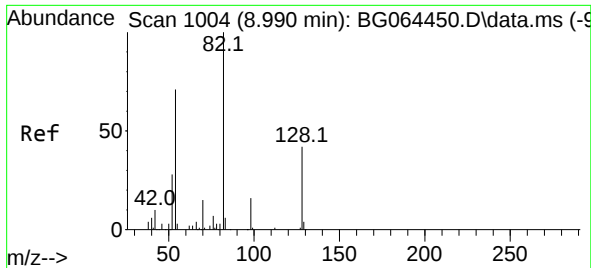
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#22
Acetophenone
Concen: 80.881 ng
RT: 8.663 min Scan# 949
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

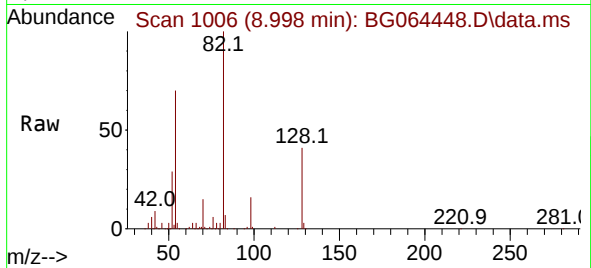
Tgt Ion:105 Resp: 160704
Ion Ratio Lower Upper
105 100
71 4.2 2.5 3.7#
51 39.0 29.0 43.6
120 18.5 15.8 23.8





#23
Nitrobenzene-d5
Concen: 163.100 ng
RT: 8.998 min Scan# 1006
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

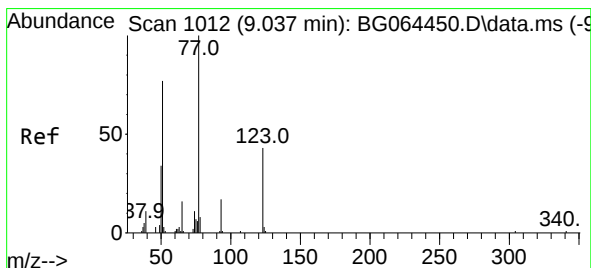
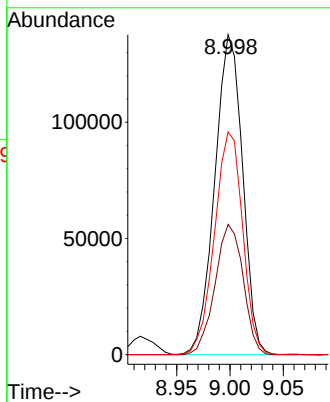
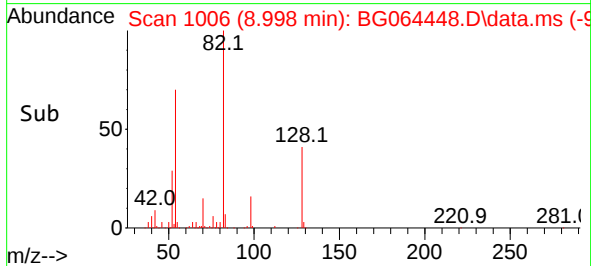
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



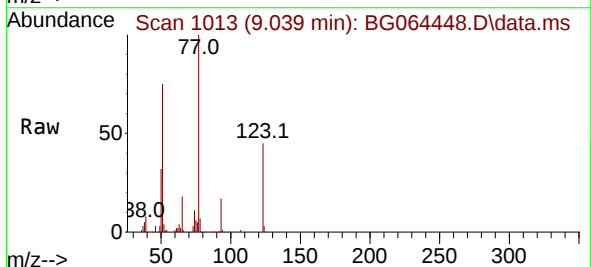
Tgt Ion: 82 Resp: 249768
Ion Ratio Lower Upper
82 100
128 40.7 33.7 50.5
54 69.6 57.0 85.6

Manual Integrations
APPROVED

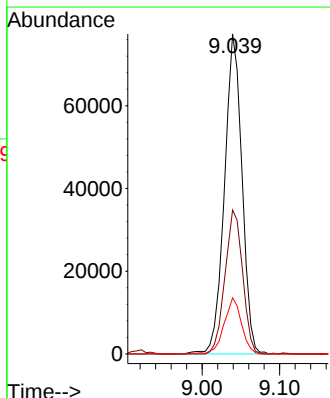
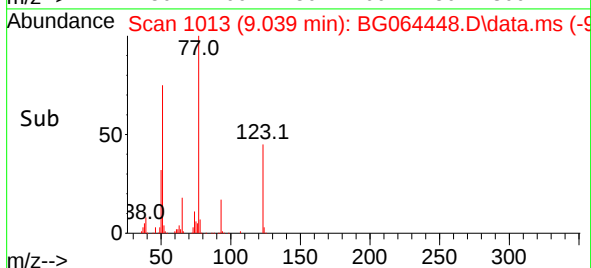
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

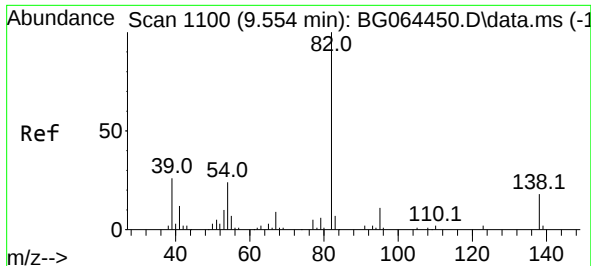


#24
Nitrobenzene
Concen: 81.667 ng
RT: 9.039 min Scan# 1013
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



Tgt Ion: 77 Resp: 122078
Ion Ratio Lower Upper
77 100
123 45.0 34.7 52.1
65 17.6 12.8 19.2





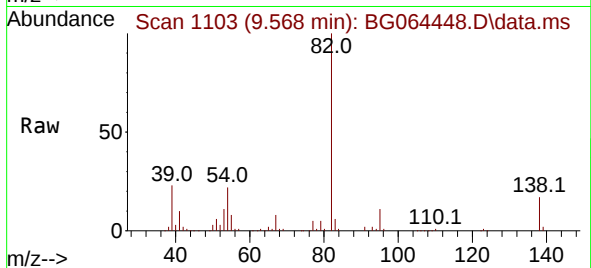
#25
Isophorone
Concen: 77.086 ng
RT: 9.568 min Scan# 1103
Delta R.T. 0.014 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

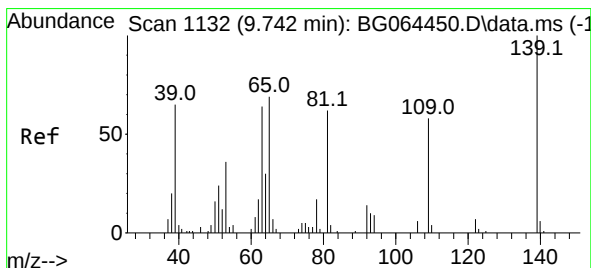
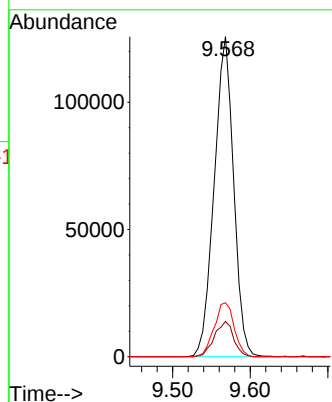


Tgt Ion: 82 Resp: 218420
Ion Ratio Lower Upper
82 100
95 11.0 8.5 12.7
138 16.9 14.3 21.5

Manual Integrations

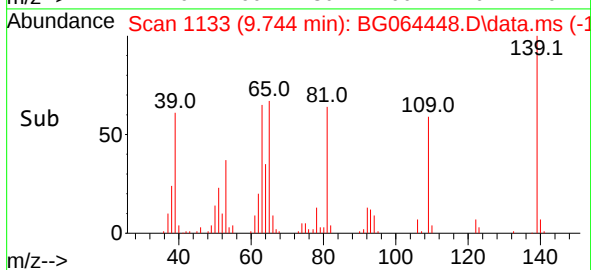
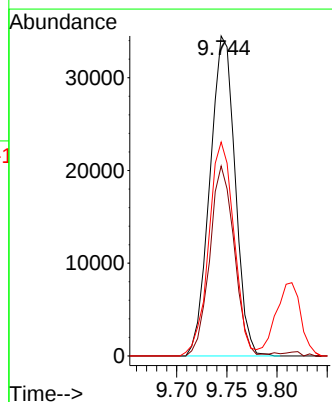
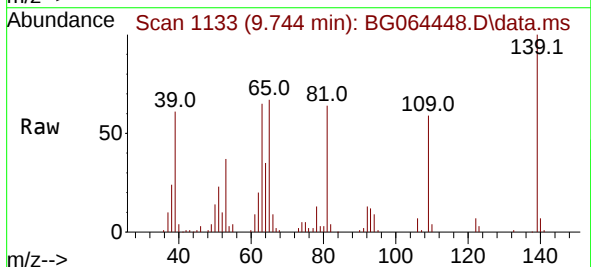
APPROVED

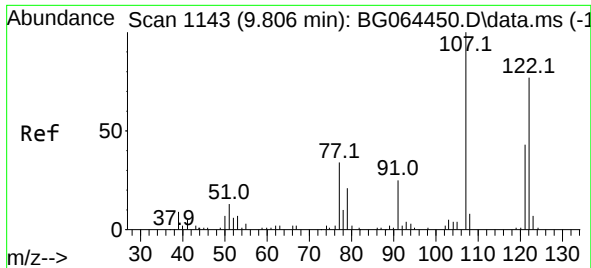
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#26
2-Nitrophenol
Concen: 82.012 ng
RT: 9.744 min Scan# 1133
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Tgt Ion:139 Resp: 60345
Ion Ratio Lower Upper
139 100
109 59.3 46.6 70.0
65 66.9 54.9 82.3





#27

2,4-Dimethylphenol

Concen: 78.884 ng

RT: 9.809 min Scan# 1143

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

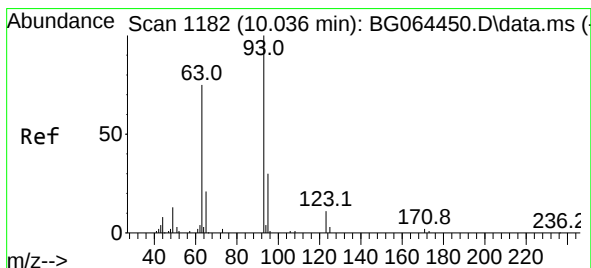
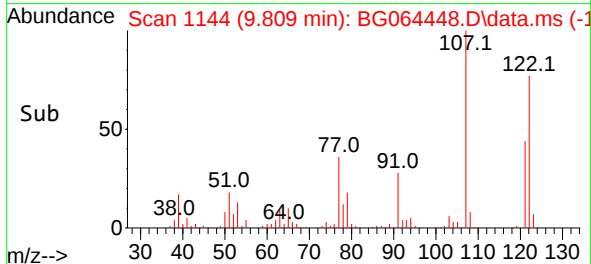
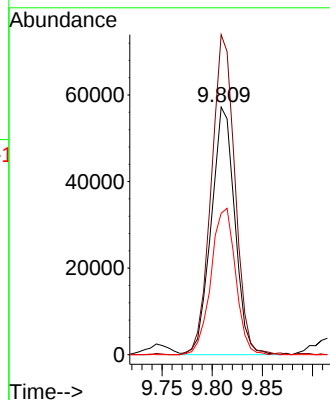
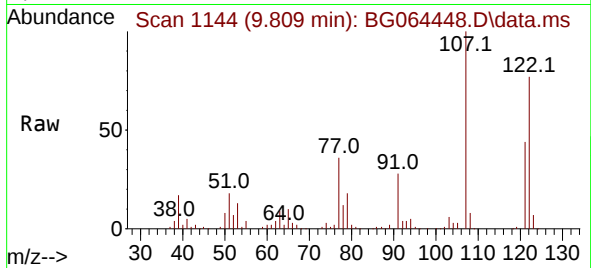
Tgt Ion:122 Resp: 9361
 Ion Ratio Lower Upper
 122 100
 107 129.3 102.6 153.8
 121 57.1 44.4 66.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 78.459 ng

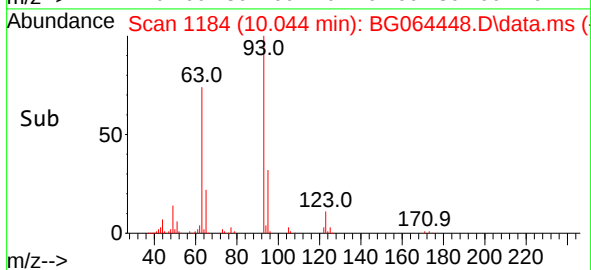
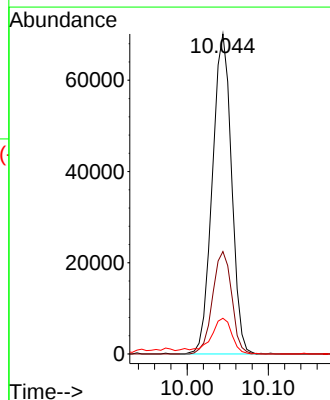
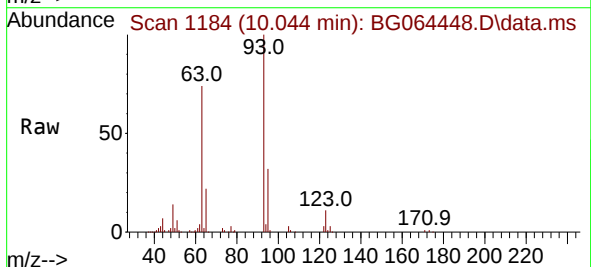
RT: 10.044 min Scan# 1184

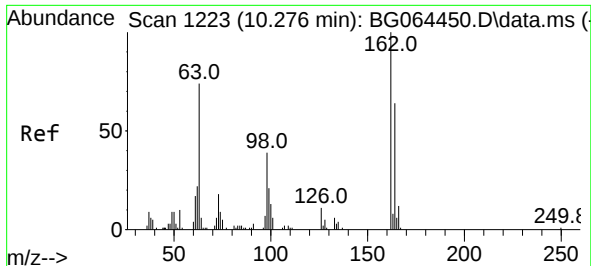
Delta R.T. 0.008 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Tgt Ion: 93 Resp: 114851
 Ion Ratio Lower Upper
 93 100
 95 32.0 24.0 36.0
 123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 77.343 ng

RT: 10.285 min Scan# 1

Delta R.T. 0.008 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

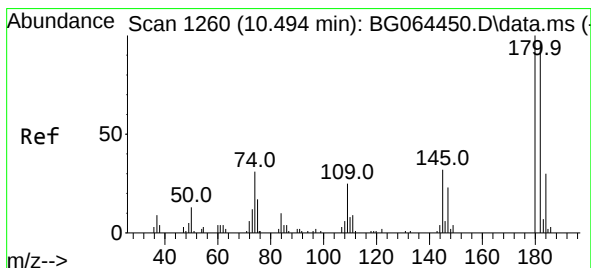
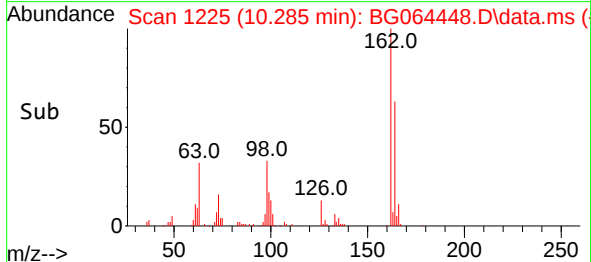
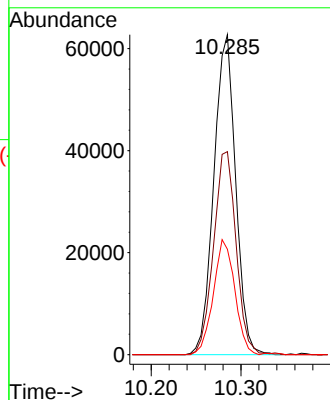
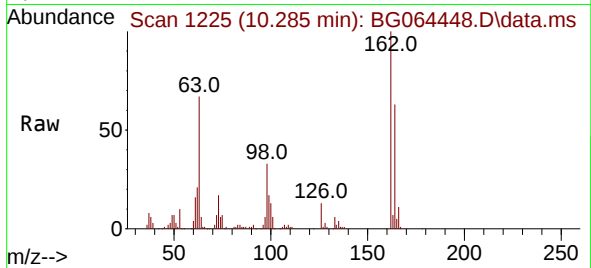
Tgt Ion:162 Resp: 10564
 Ion Ratio Lower Upper
 162 100
 164 63.5 43.7 83.7
 98 32.9 19.2 59.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 80.225 ng

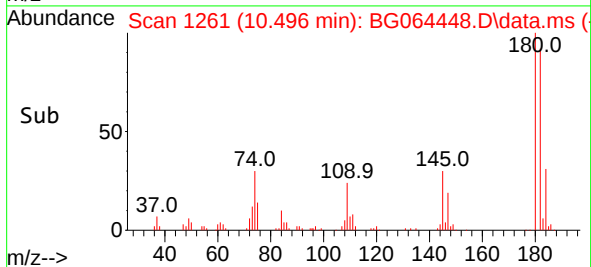
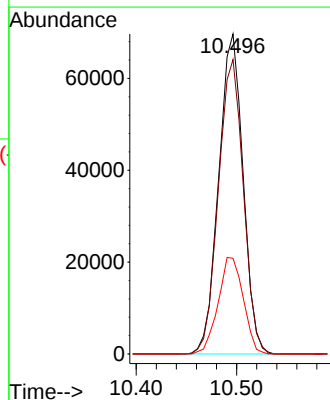
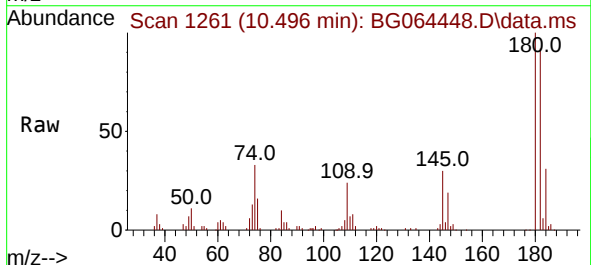
RT: 10.496 min Scan# 1261

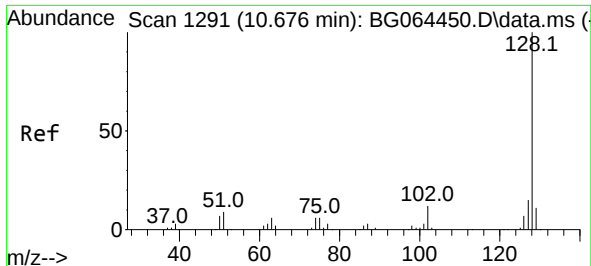
Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

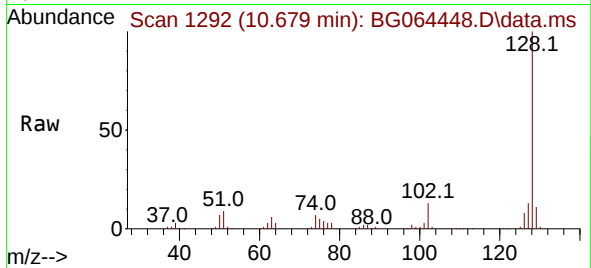
Tgt Ion:180 Resp: 117206
 Ion Ratio Lower Upper
 180 100
 182 92.0 77.0 115.4
 145 29.9 25.4 38.2





#31
Naphthalene
Concen: 78.163 ng
RT: 10.679 min Scan# 1177
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

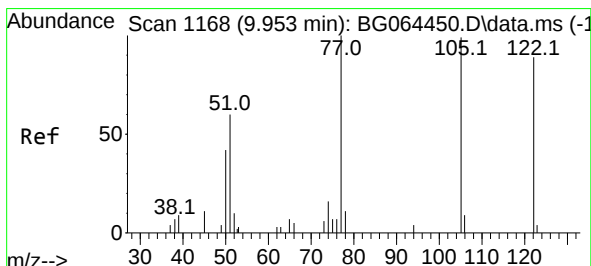
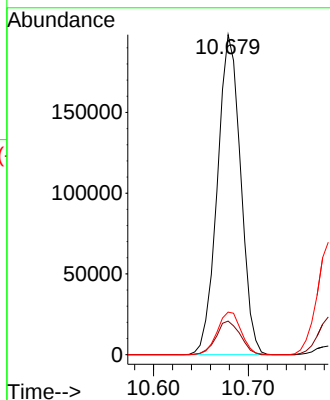
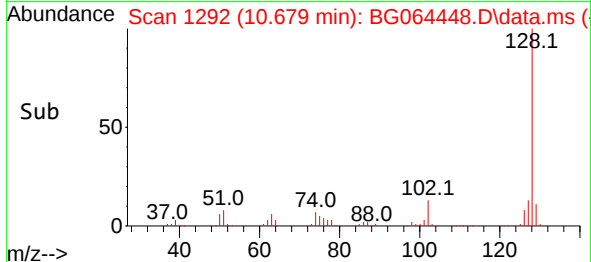
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



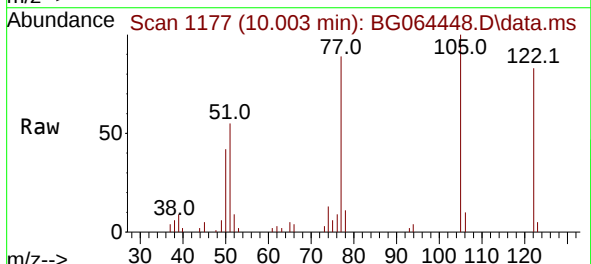
Tgt Ion:128 Resp: 338660
Ion Ratio Lower Upper
128 100
129 10.5 9.2 13.8
127 13.3 12.1 18.1

Manual Integrations
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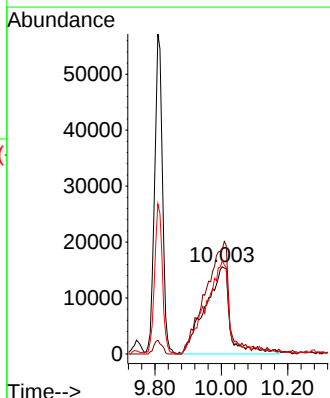
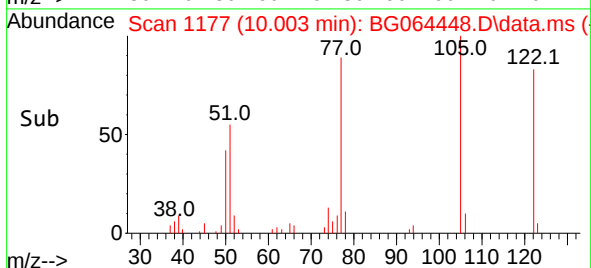
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

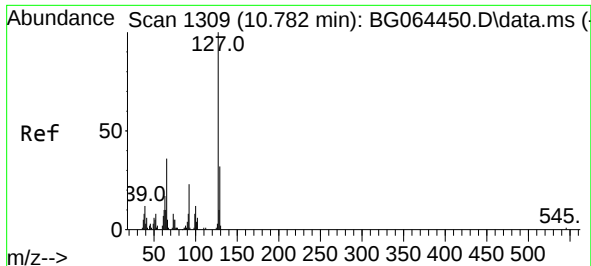


#32
Benzoic acid
Concen: 92.734 ng m
RT: 10.003 min Scan# 1177
Delta R.T. 0.050 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



Tgt Ion:122 Resp: 81423
Ion Ratio Lower Upper
122 100
105 120.1 91.0 131.0
77 107.2 92.2 132.2





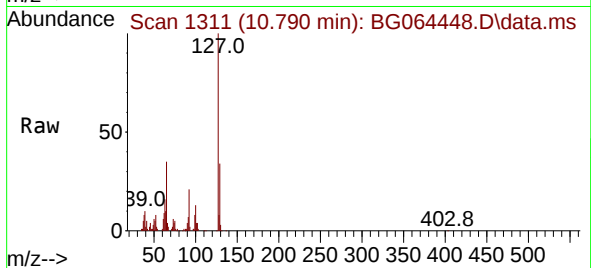
#33
4-Chloroaniline
Concen: 82.076 ng
RT: 10.790 min Scan# 1309
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



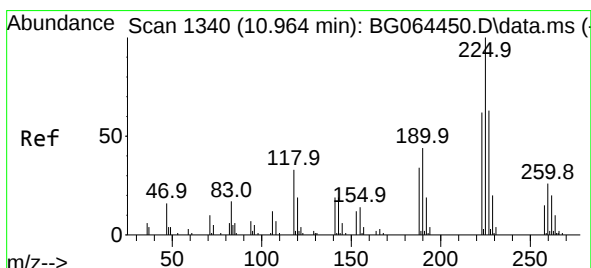
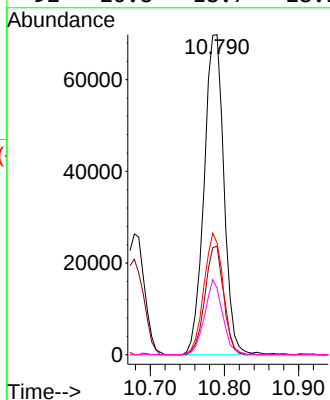
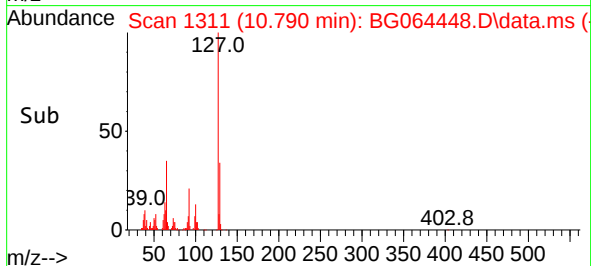
Tgt Ion:127 Resp: 130080
Ion Ratio Lower Upper
127 100
129 33.9 25.7 38.5
65 34.9 28.6 43.0
92 20.8 18.7 28.1

Manual Integrations

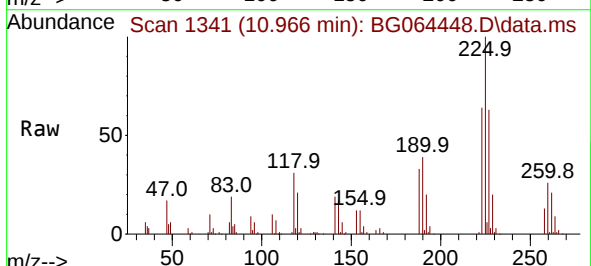
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

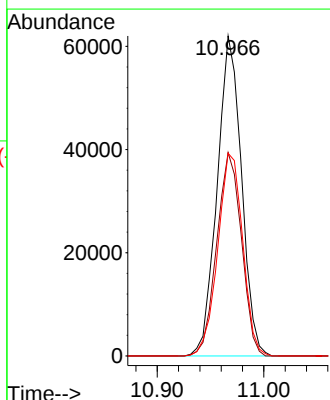
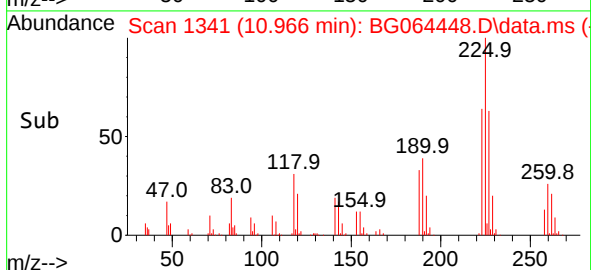
Supervised By :Jagrut Upadhyay 10/03/2025

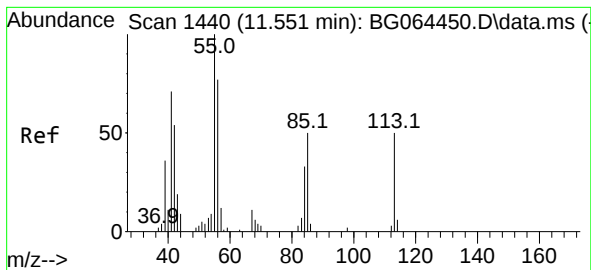


#34
Hexachlorobutadiene
Concen: 78.886 ng
RT: 10.966 min Scan# 1341
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



Tgt Ion:225 Resp: 98170
Ion Ratio Lower Upper
225 100
223 63.6 49.4 74.2
227 63.4 50.0 75.0





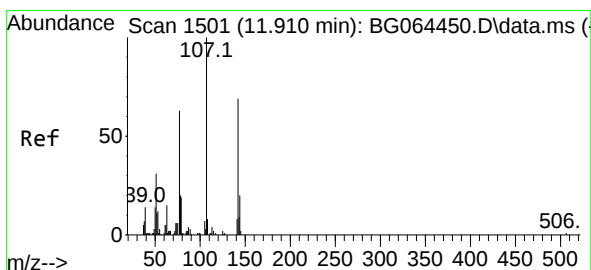
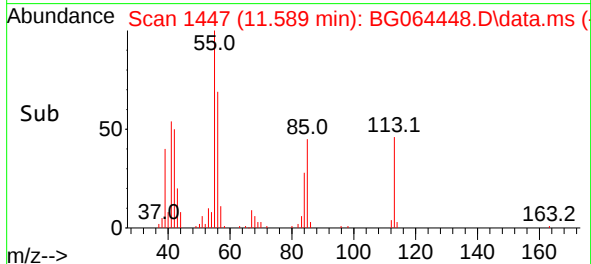
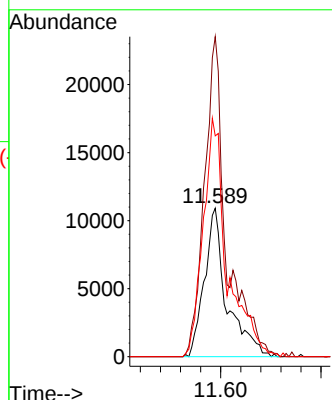
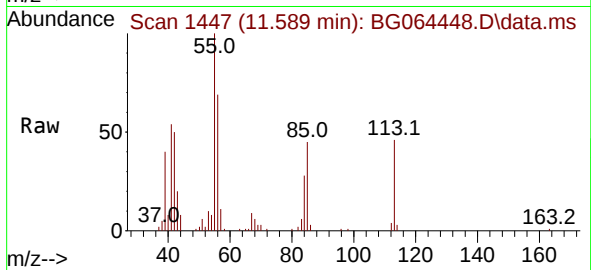
#35
Caprolactam
Concen: 75.116 ng
RT: 11.589 min Scan# 1440
Delta R.T. 0.038 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 3385
Ion Ratio Lower Upper
113 100
55 215.5 178.3 218.3
56 148.7 132.4 172.4

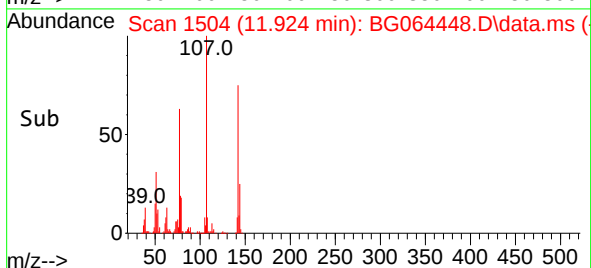
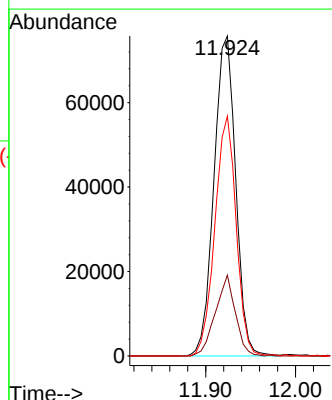
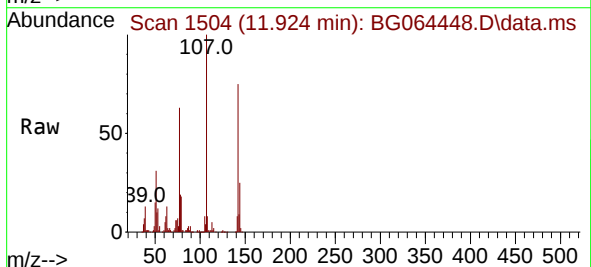
Manual Integrations
APPROVED

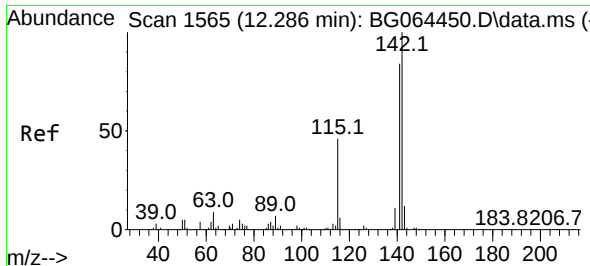
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#36
4-Chloro-3-methylphenol
Concen: 78.697 ng
RT: 11.924 min Scan# 1504
Delta R.T. 0.014 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

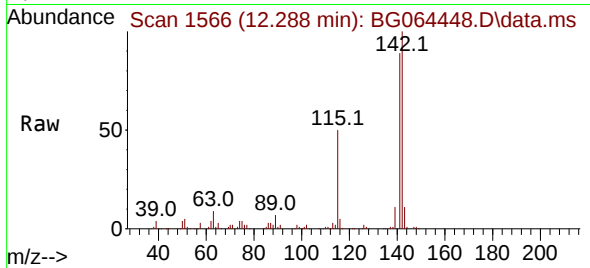
Tgt Ion:107 Resp: 127407
Ion Ratio Lower Upper
107 100
144 25.2 16.3 24.5#
142 75.0 55.5 83.3





#37
2-Methylnaphthalene
Concen: 78.312 ng
RT: 12.288 min Scan# 1566
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

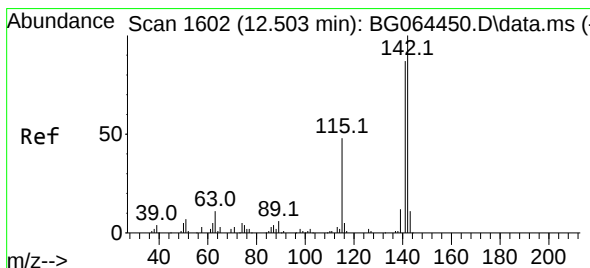
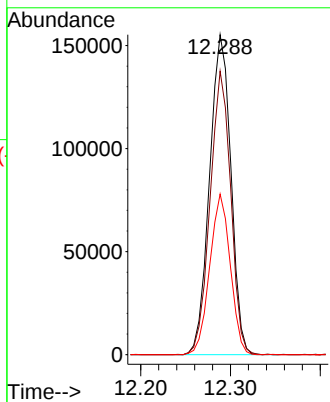
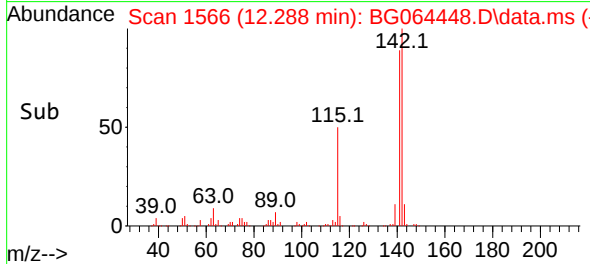
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



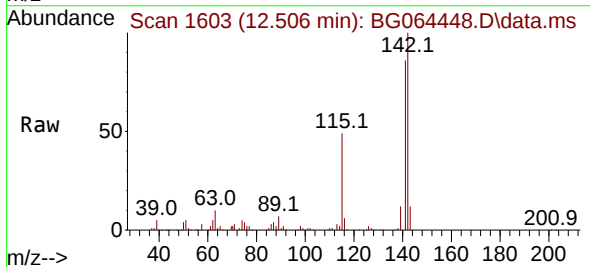
Tgt Ion:142 Resp: 256209
Ion Ratio Lower Upper
142 100
141 88.6 67.3 100.9
115 50.2 37.0 55.4

Manual Integrations
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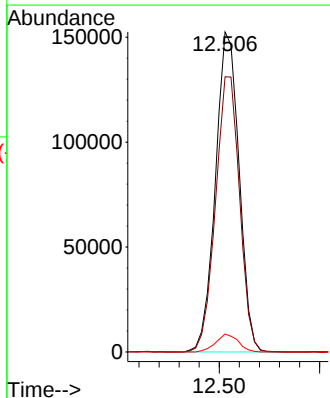
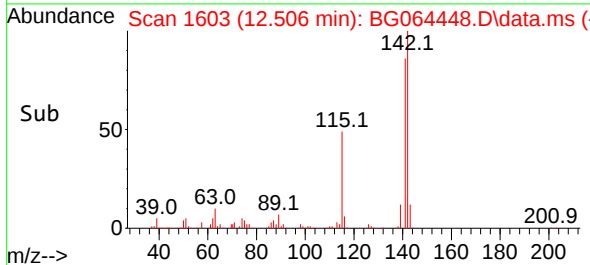
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

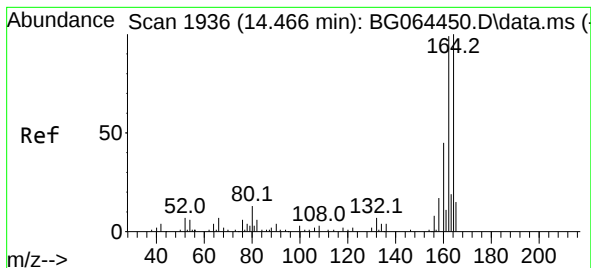


#38
1-Methylnaphthalene
Concen: 77.491 ng
RT: 12.506 min Scan# 1603
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



Tgt Ion:142 Resp: 249106
Ion Ratio Lower Upper
142 100
141 86.0 69.2 103.8
116 5.6 4.2 6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.468 min Scan# 1936

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:164 Resp: 6168

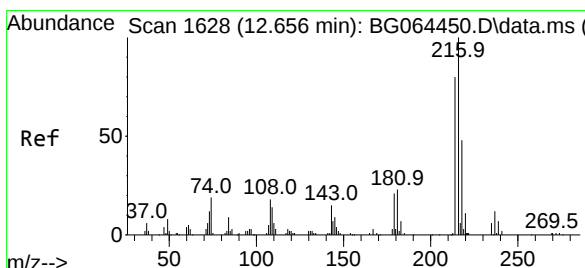
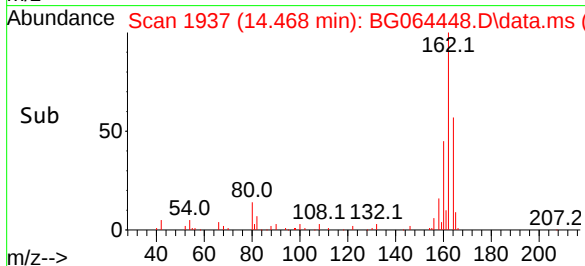
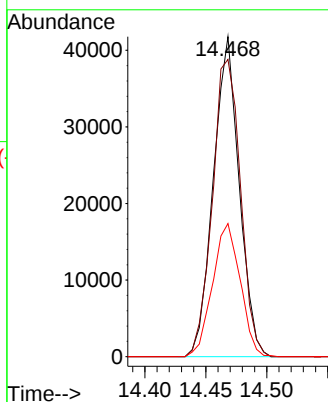
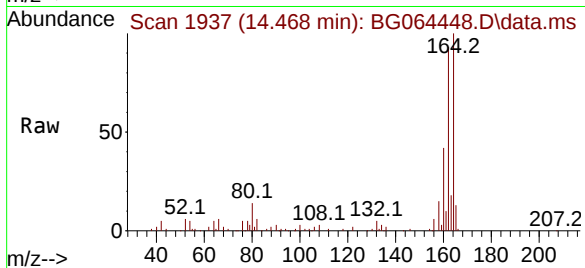
Ion	Ratio	Lower	Upper
164	100		
162	92.9	79.0	118.4
160	41.6	36.3	54.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 79.911 ng

RT: 12.659 min Scan# 1629

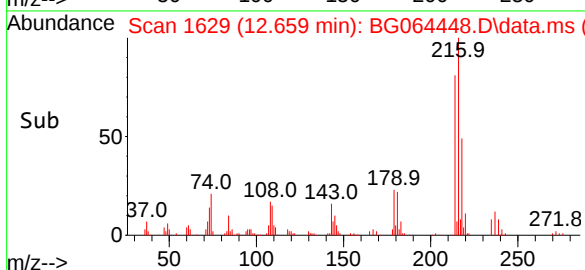
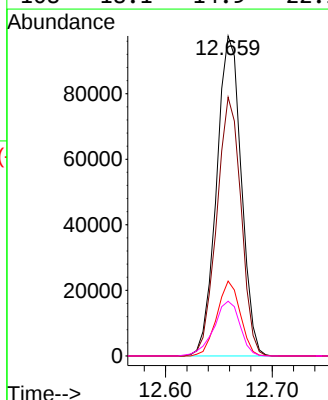
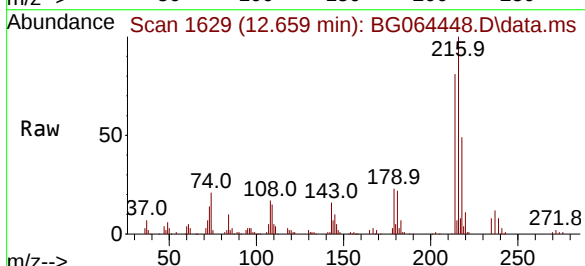
Delta R.T. 0.003 min

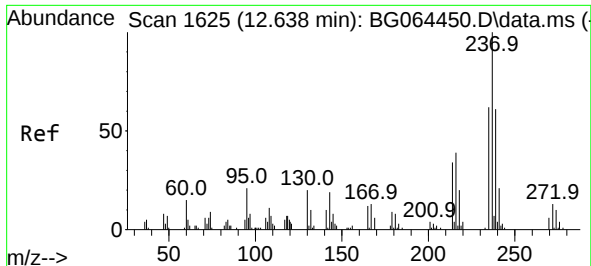
Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Tgt Ion:216 Resp: 157088

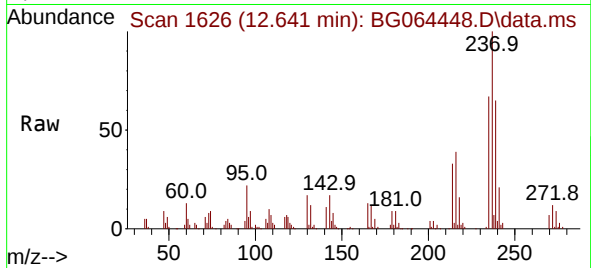
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.1	94.7
179	22.1	17.4	26.2
108	18.1	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 85.550 ng
RT: 12.641 min Scan# 10
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

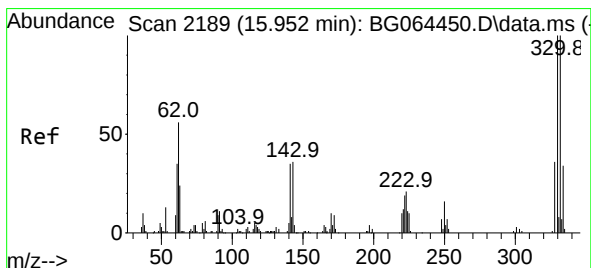
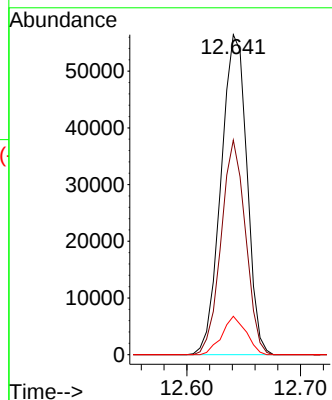
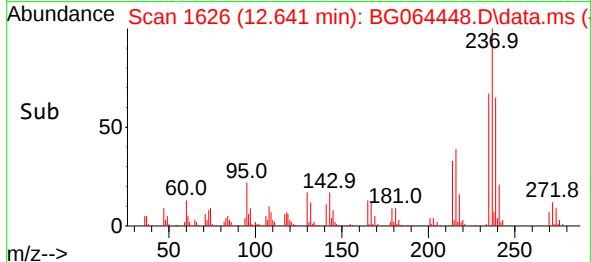
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



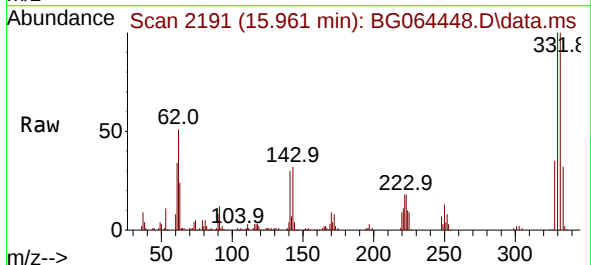
Tgt Ion:237 Resp: 89314
Ion Ratio Lower Upper
237 100
235 67.1 42.2 82.2
272 12.0 0.0 32.8

Manual Integrations
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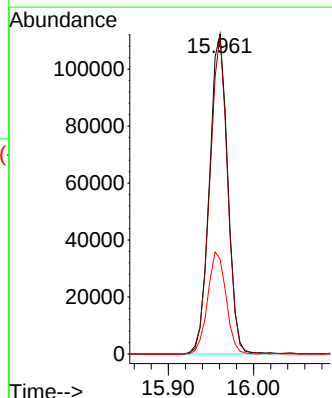
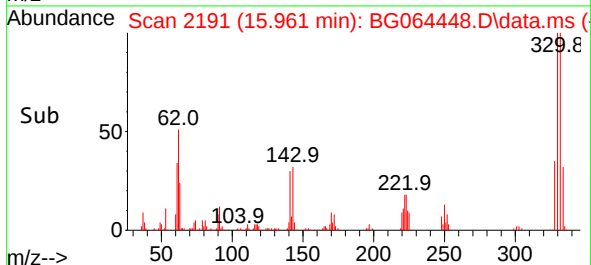
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

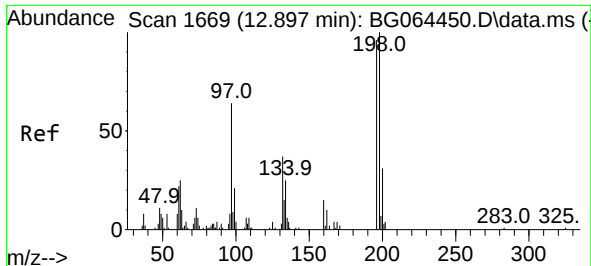


#42
2,4,6-Tribromophenol
Concen: 154.764 ng
RT: 15.961 min Scan# 2191
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



Tgt Ion:330 Resp: 166650
Ion Ratio Lower Upper
330 100
332 97.0 78.8 118.2
141 32.1 27.3 40.9





#43
2,4,6-Trichlorophenol
Concen: 81.725 ng
RT: 12.899 min Scan# 1669
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

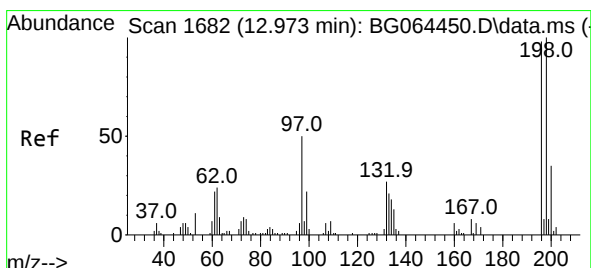
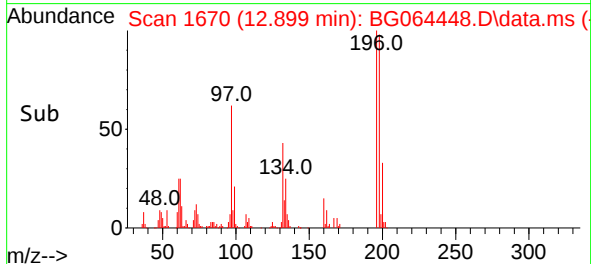
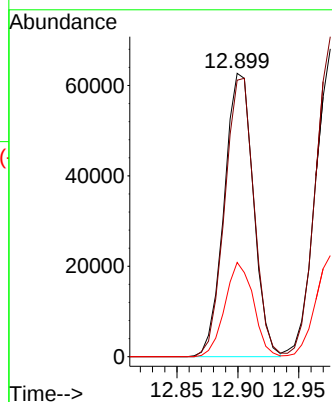
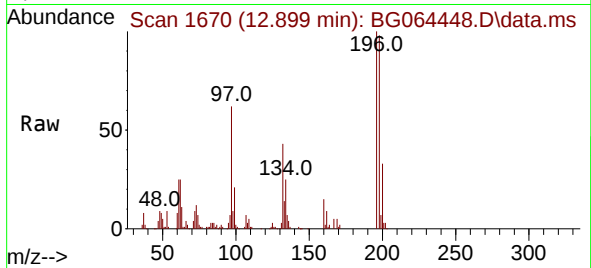
SSTDICC080

Tgt Ion:196 Resp: 10479
Ion Ratio Lower Upper
196 100
198 97.5 83.8 125.6
200 33.2 26.1 39.1

Manual Integrations

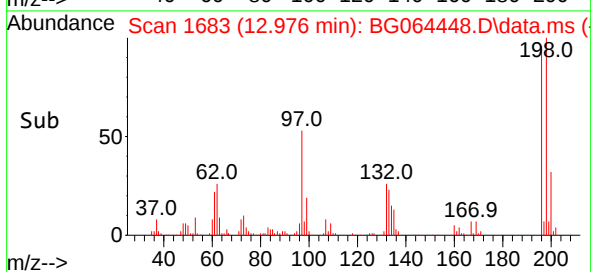
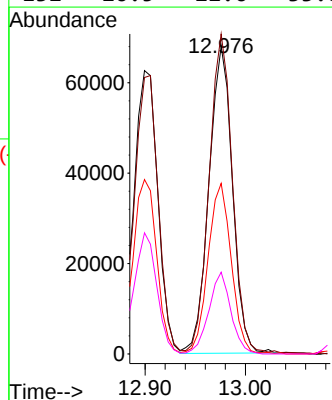
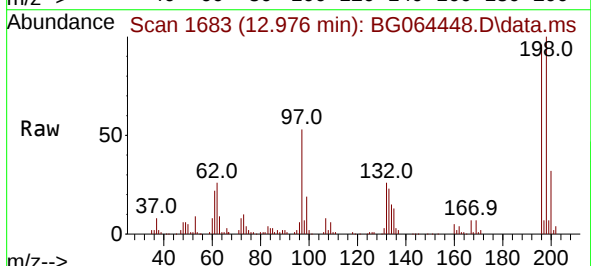
APPROVED

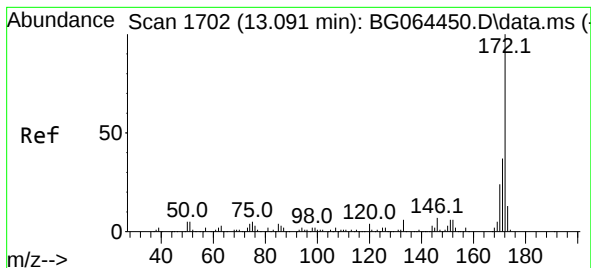
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#44
2,4,5-Trichlorophenol
Concen: 77.863 ng
RT: 12.976 min Scan# 1683
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

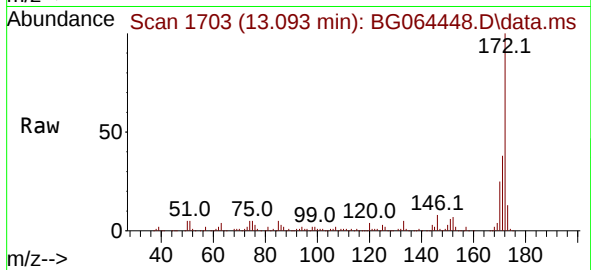
Tgt Ion:196 Resp: 110683
Ion Ratio Lower Upper
196 100
198 103.9 80.9 121.3
97 55.4 40.5 60.7
132 26.5 22.6 33.8





#45
2-Fluorobiphenyl
Concen: 154.917 ng
RT: 13.093 min Scan# 1702
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

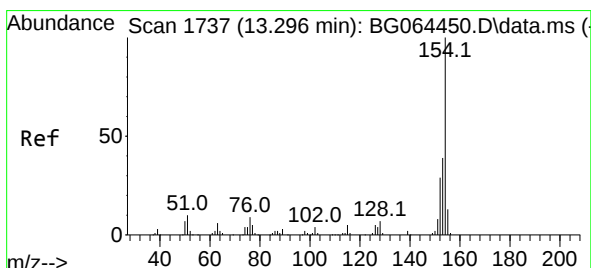
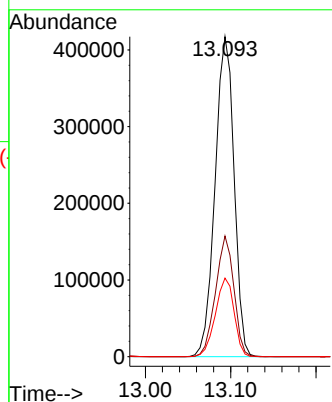
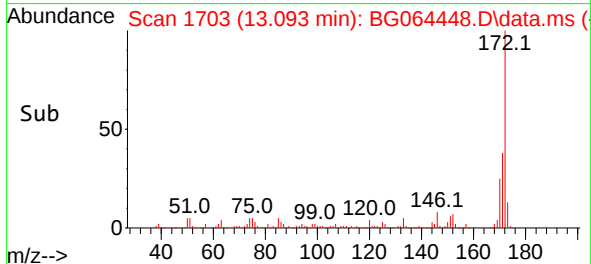
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



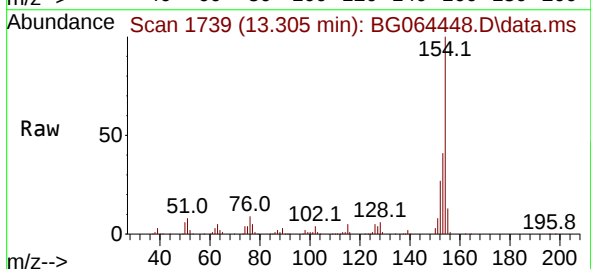
Tgt Ion:172 Resp: 64710
Ion Ratio Lower Upper
172 100
171 37.7 29.4 44.2
170 24.5 18.9 28.3

Manual Integrations
APPROVED

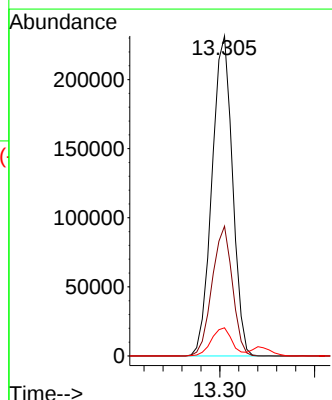
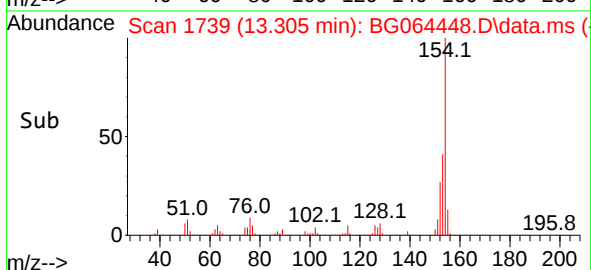
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

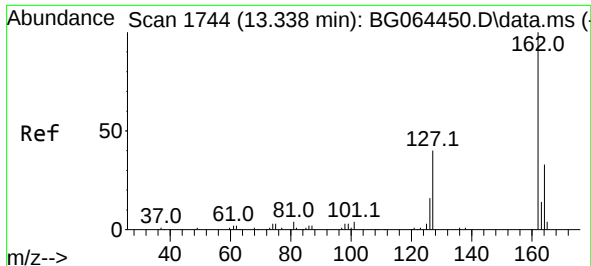


#46
1,1'-Biphenyl
Concen: 79.400 ng
RT: 13.305 min Scan# 1739
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



Tgt Ion:154 Resp: 348385
Ion Ratio Lower Upper
154 100
153 40.5 18.8 58.8
76 8.8 0.0 28.8





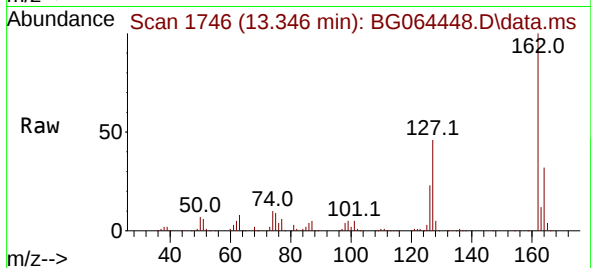
#47
2-Chloronaphthalene
Concen: 78.449 ng
RT: 13.346 min Scan# 1744
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



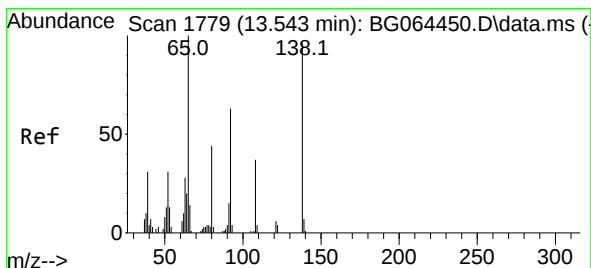
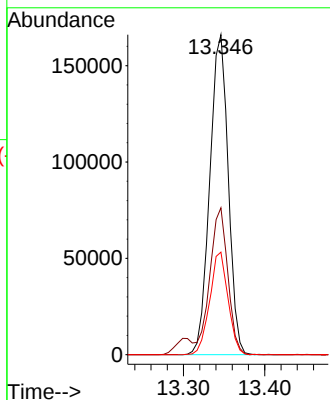
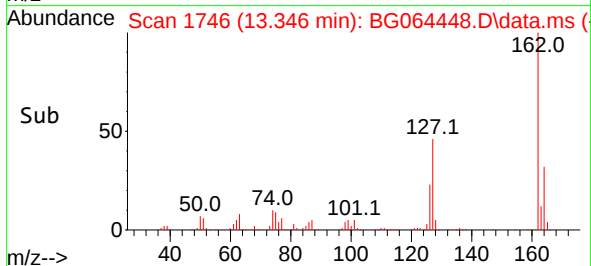
Tgt Ion:162 Resp: 261610
Ion Ratio Lower Upper
162 100
127 45.9 36.2 54.4
164 32.1 26.2 39.2

Manual Integrations

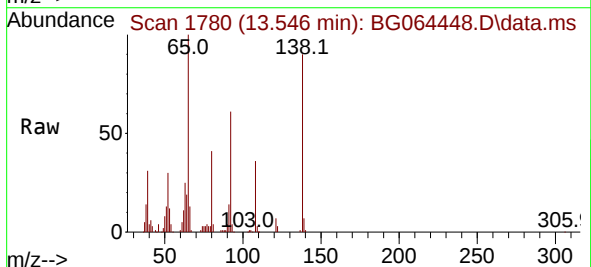
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

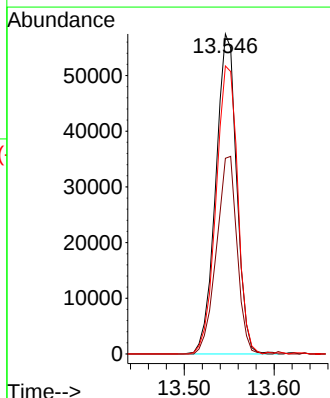
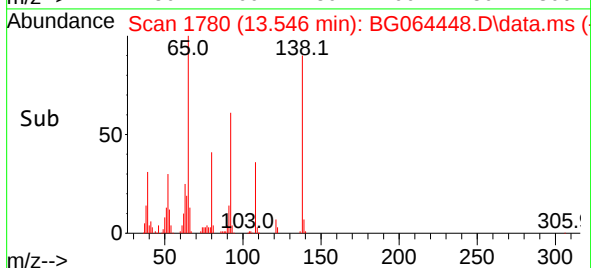
Supervised By :Jagrut Upadhyay 10/03/2025

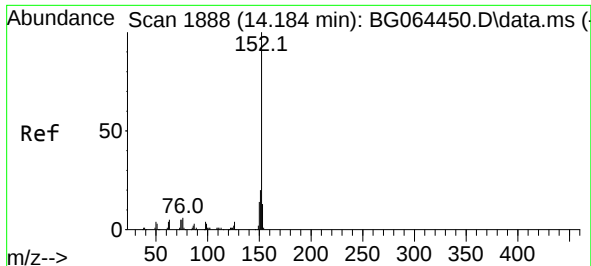


#48
2-Nitroaniline
Concen: 81.000 ng
RT: 13.546 min Scan# 1780
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



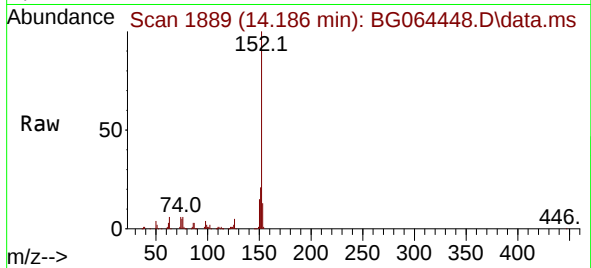
Tgt Ion: 65 Resp: 92838
Ion Ratio Lower Upper
65 100
92 61.2 50.6 75.8
138 90.0 76.4 114.6





#49
Acenaphthylene
Concen: 77.670 ng
RT: 14.186 min Scan# 1888
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

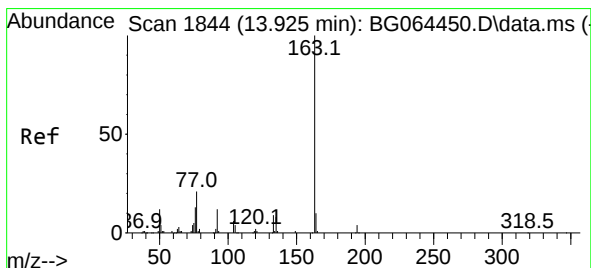
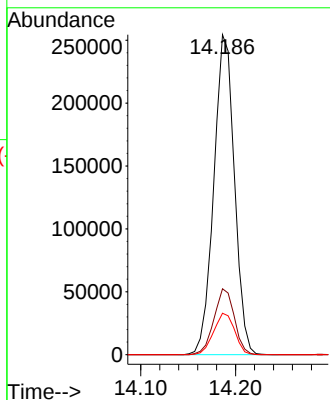
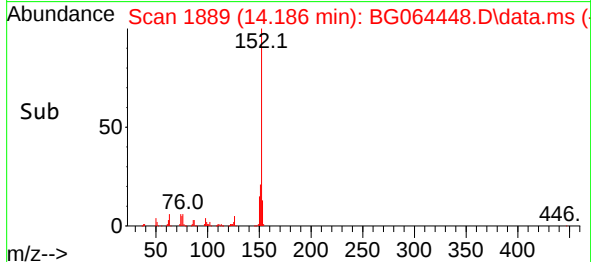
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



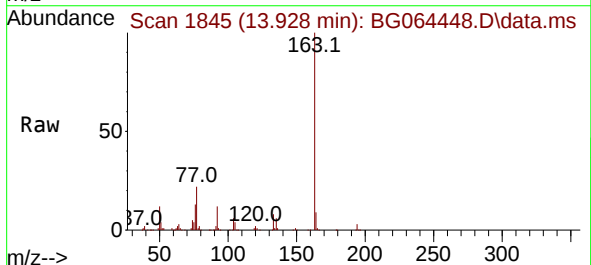
Tgt Ion:152 Resp: 384534
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.0 10.6 16.0

Manual Integrations
APPROVED

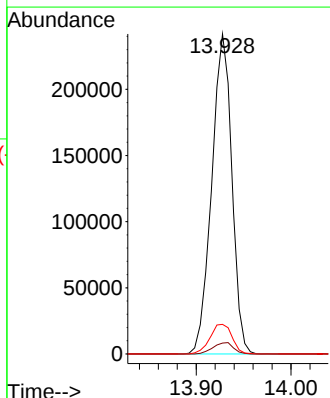
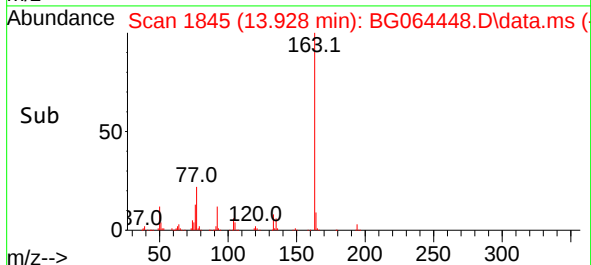
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

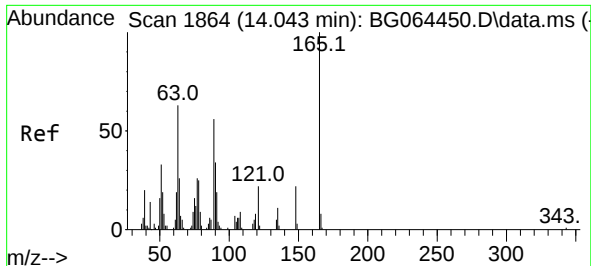


#50
Dimethylphthalate
Concen: 75.622 ng
RT: 13.928 min Scan# 1845
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



Tgt Ion:163 Resp: 356340
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.3 8.2 12.2





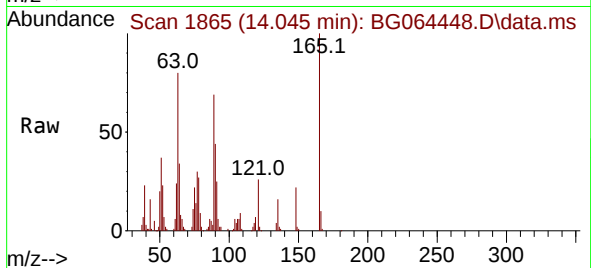
#51
2,6-Dinitrotoluene
Concen: 78.820 ng
RT: 14.045 min Scan# 1865
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



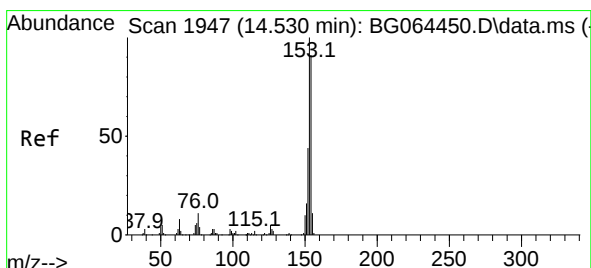
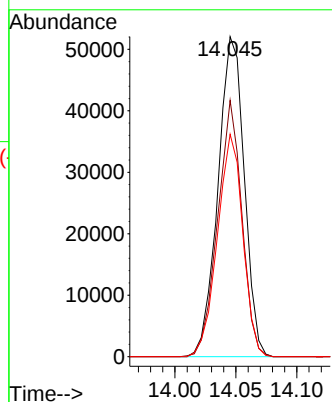
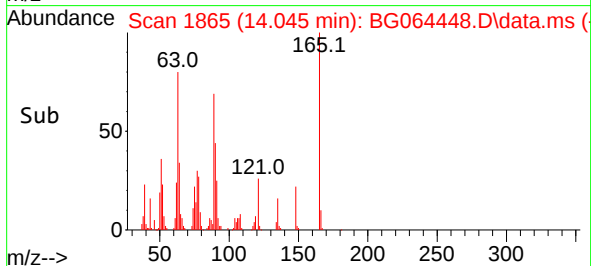
Tgt Ion:165 Resp: 78012
Ion Ratio Lower Upper
165 100
63 80.1 50.6 75.8
89 69.5 44.6 67.0

Manual Integrations

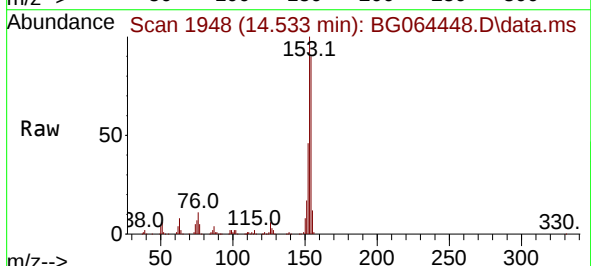
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

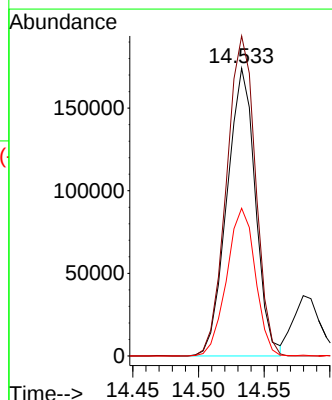
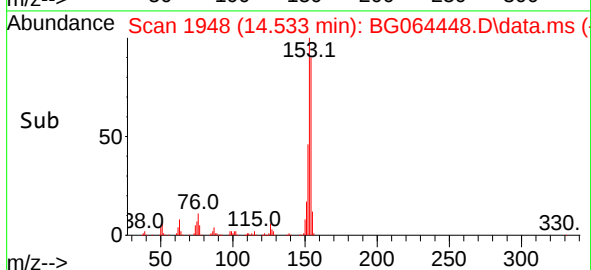
Supervised By :Jagrut Upadhyay 10/03/2025

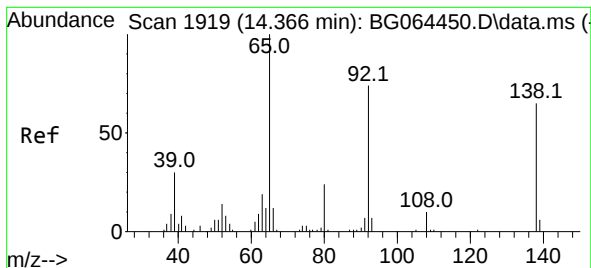


#52
Acenaphthene
Concen: 77.494 ng
RT: 14.533 min Scan# 1948
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



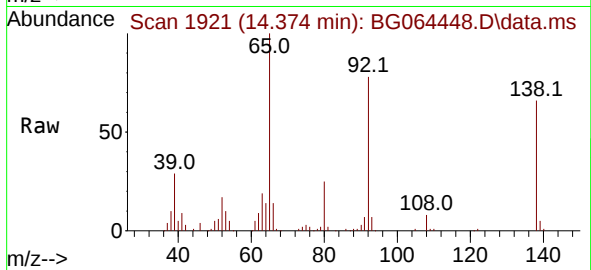
Tgt Ion:154 Resp: 262559
Ion Ratio Lower Upper
154 100
153 111.3 88.1 132.1
152 51.3 39.0 58.4





#53
3-Nitroaniline
Concen: 81.667 ng
RT: 14.374 min Scan# 1919
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

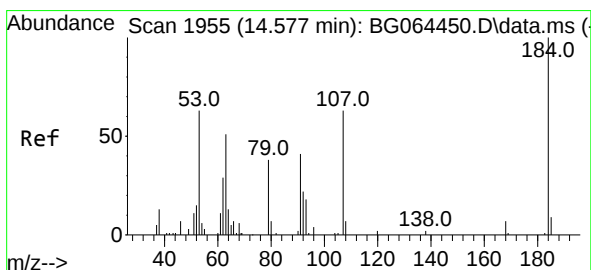
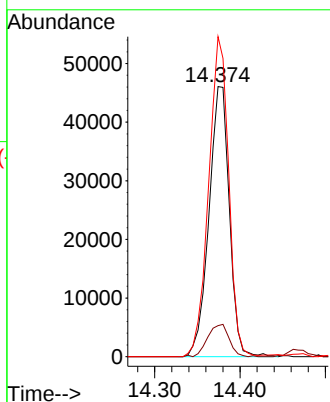
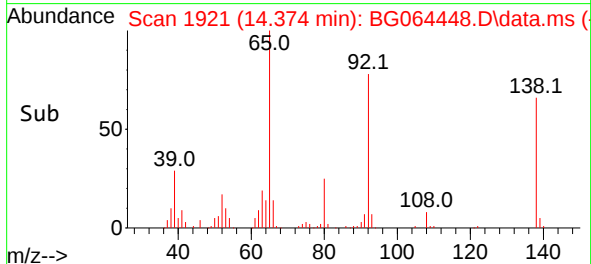
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



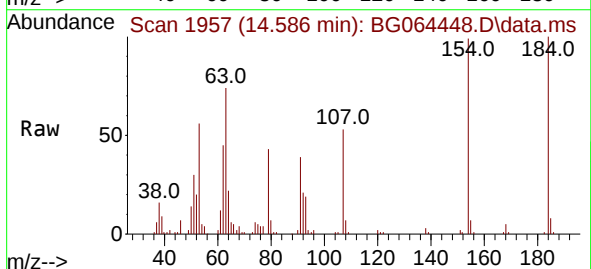
Tgt Ion:138 Resp: 76592
Ion Ratio Lower Upper
138 100
108 11.5 12.4 18.6
92 118.5 91.0 136.6

Manual Integrations
APPROVED

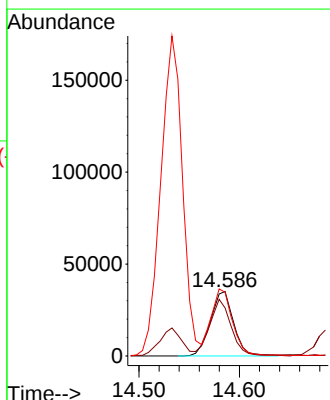
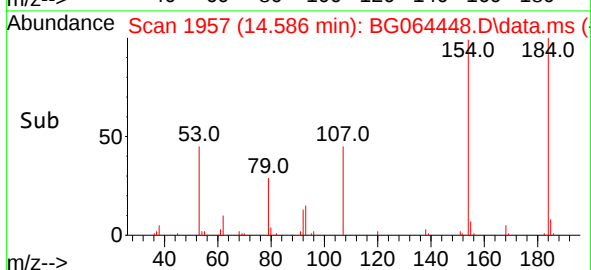
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

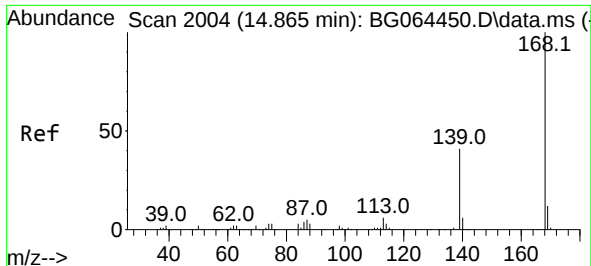


#54
2,4-Dinitrophenol
Concen: 85.555 ng
RT: 14.586 min Scan# 1957
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



Tgt Ion:184 Resp: 56236
Ion Ratio Lower Upper
184 100
63 74.4 69.8 104.8
154 98.7 74.2 111.4





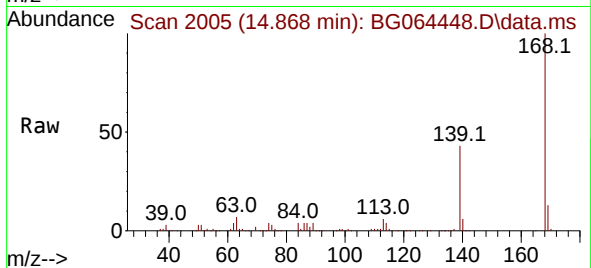
#55
Dibenzofuran
Concen: 76.896 ng
RT: 14.868 min Scan# 2004
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



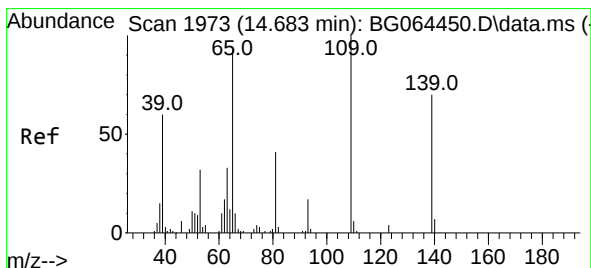
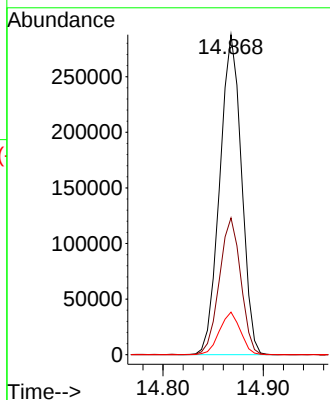
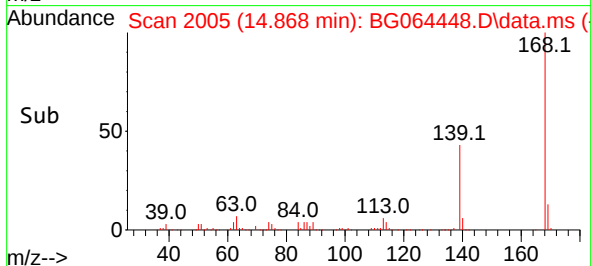
Tgt Ion:168 Resp: 43197
Ion Ratio Lower Upper
168 100
139 42.8 33.3 49.9
169 13.3 9.9 14.9

Manual Integrations

APPROVED

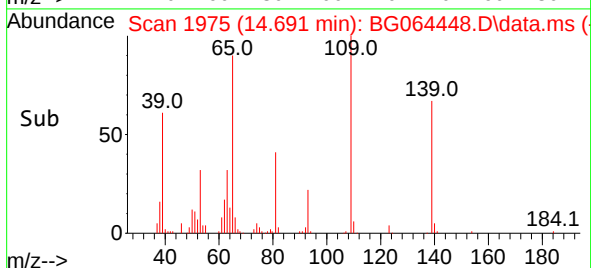
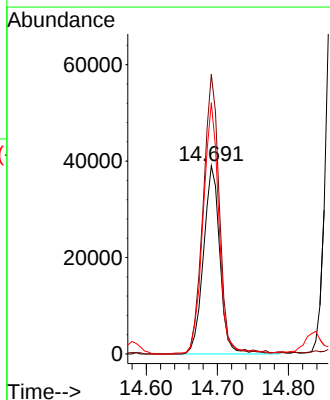
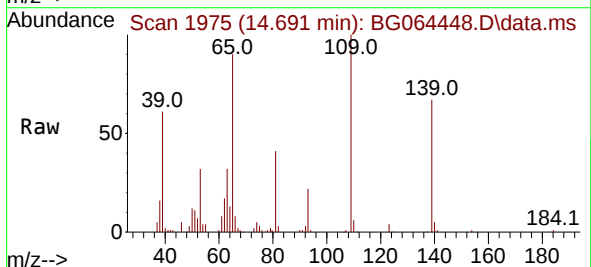
Reviewed By :Rahul Chavli 10/03/2025

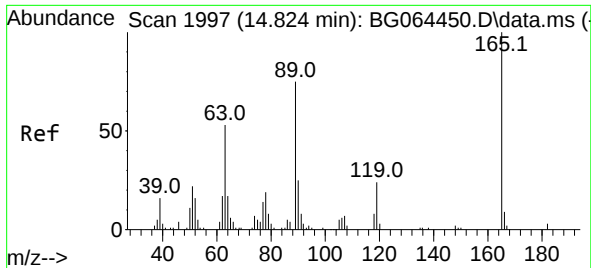
Supervised By :Jagrut Upadhyay 10/03/2025



#56
4-Nitrophenol
Concen: 82.628 ng
RT: 14.691 min Scan# 1975
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Tgt Ion:139 Resp: 62726
Ion Ratio Lower Upper
139 100
109 148.5 122.5 162.5
65 133.5 113.0 153.0





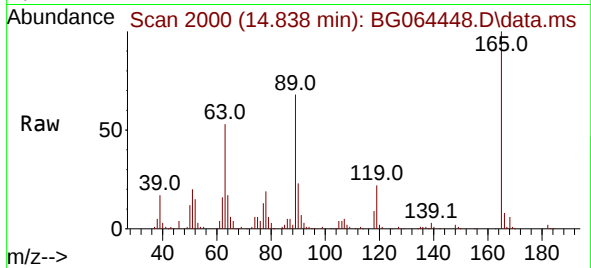
#57
2,4-Dinitrotoluene
Concen: 79.716 ng
RT: 14.838 min Scan# 2016
Delta R.T. 0.014 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



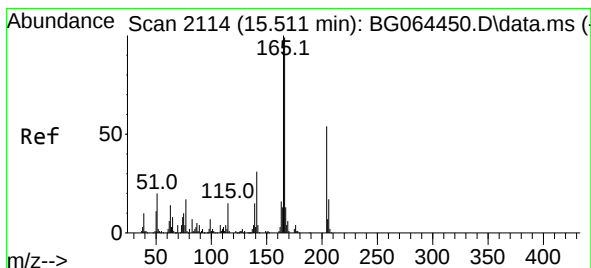
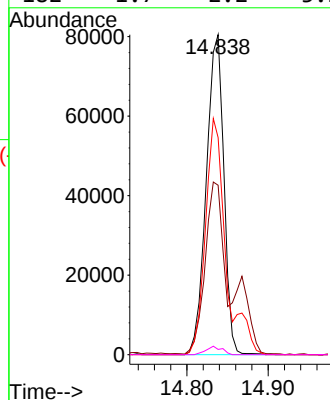
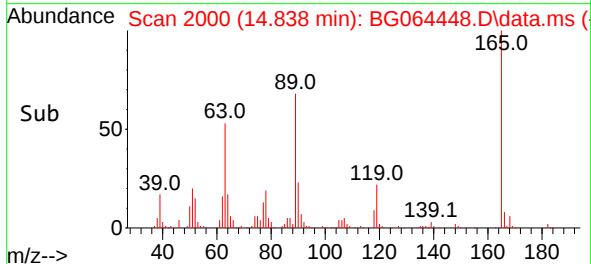
Tgt Ion:165 Resp: 12044
Ion Ratio Lower Upper
165 100
63 52.9 42.6 63.8
89 67.8 59.7 89.5
182 1.7 2.2 3.2#

Manual Integrations

APPROVED

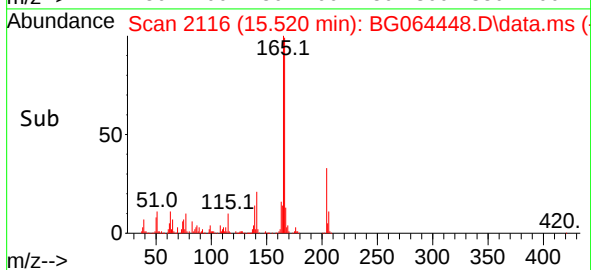
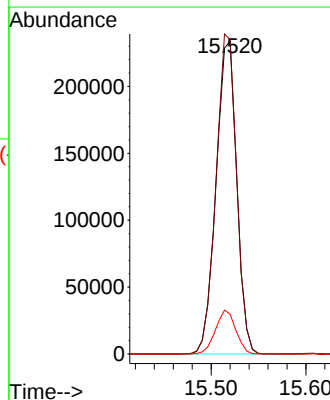
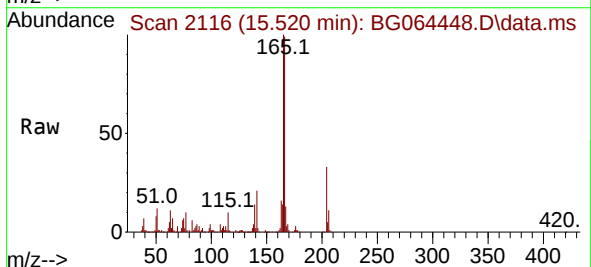
Reviewed By :Rahul Chavli 10/03/2025

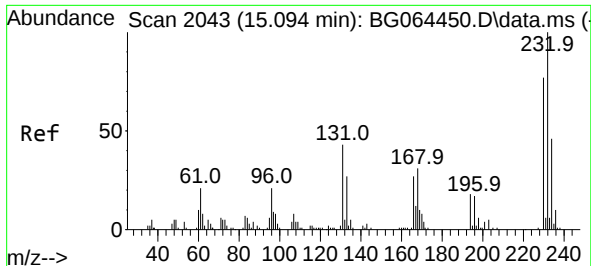
Supervised By :Jagrut Upadhyay 10/03/2025



#58
Fluorene
Concen: 76.539 ng
RT: 15.520 min Scan# 2116
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

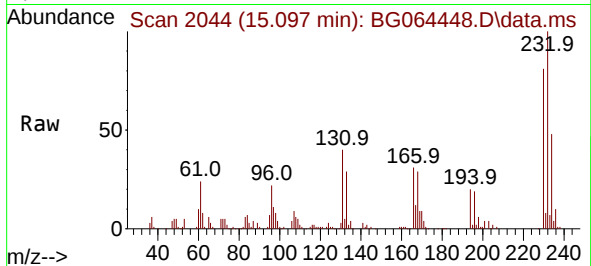
Tgt Ion:166 Resp: 354937
Ion Ratio Lower Upper
166 100
165 100.5 81.1 121.7
167 12.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 80.008 ng
RT: 15.097 min Scan# 2043
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

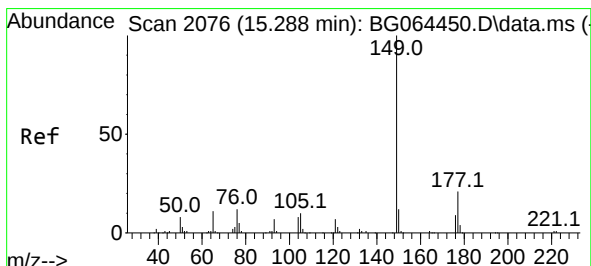
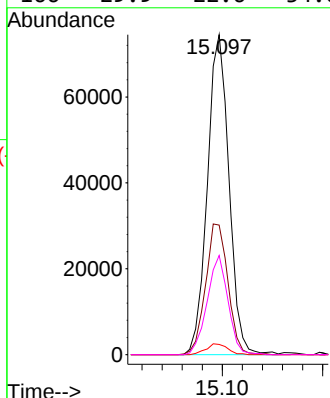
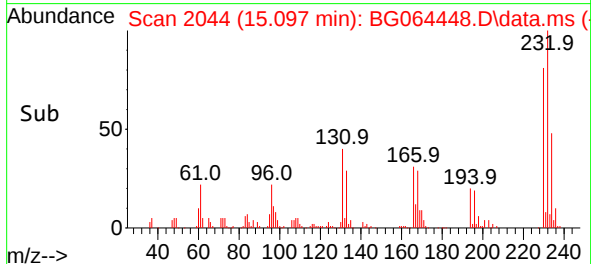
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



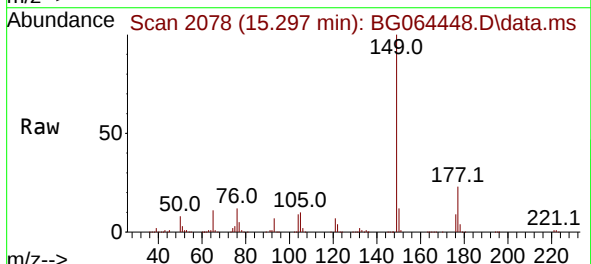
Tgt Ion:232 Resp: 111624
Ion Ratio Lower Upper
232 100
131 42.4 34.3 51.5
130 3.4 2.3 3.5
166 29.9 22.6 34.0

Manual Integrations
APPROVED

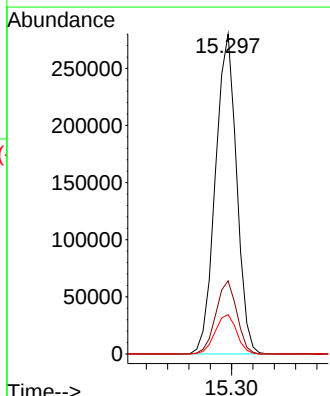
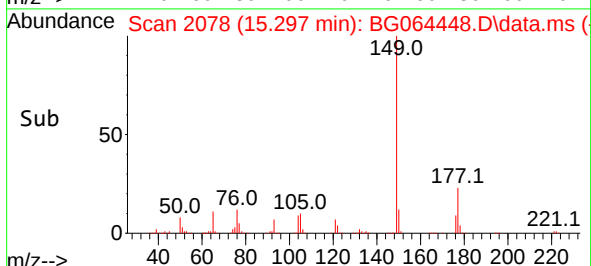
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

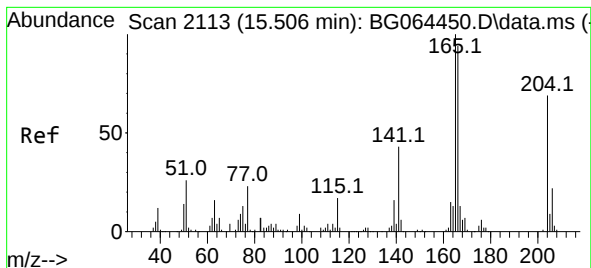


#60
Diethylphthalate
Concen: 76.061 ng
RT: 15.297 min Scan# 2078
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



Tgt Ion:149 Resp: 386182
Ion Ratio Lower Upper
149 100
177 22.8 17.1 25.7
150 12.3 9.5 14.3





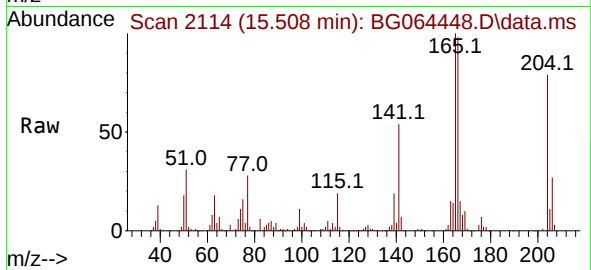
#61
4-Chlorophenyl-phenylether
Concen: 74.932 ng
RT: 15.508 min Scan# 2113
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



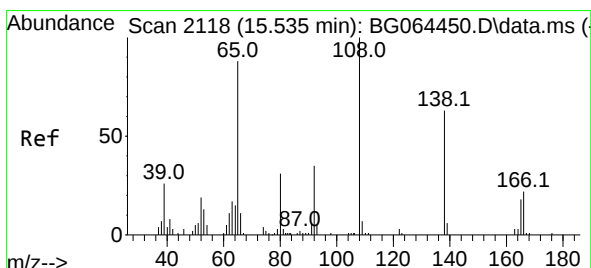
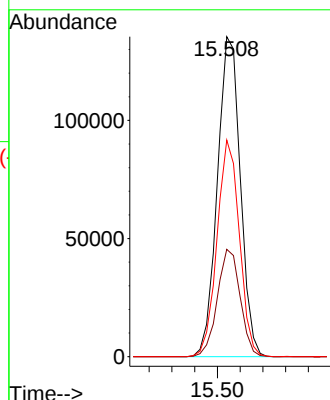
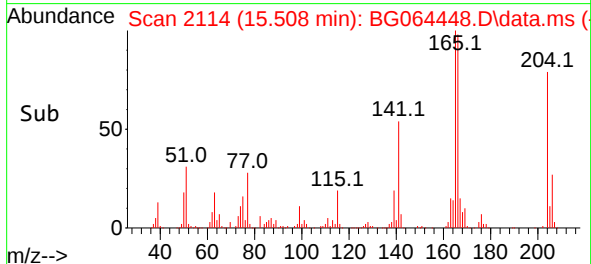
Tgt Ion:204 Resp: 189750
Ion Ratio Lower Upper
204 100
206 33.6 25.0 37.6
141 67.7 49.7 74.5

Manual Integrations

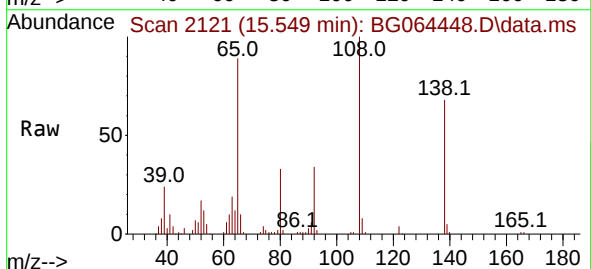
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

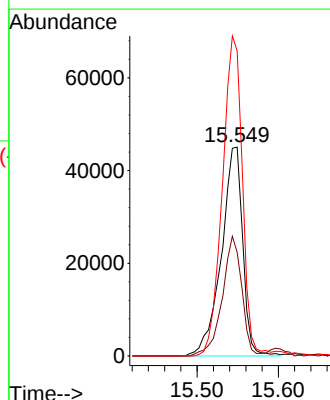
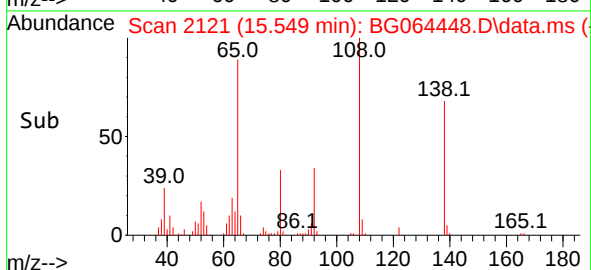
Supervised By :Jagrut Upadhyay 10/03/2025

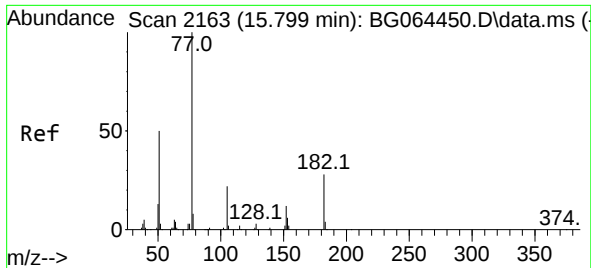


#62
4-Nitroaniline
Concen: 82.122 ng
RT: 15.549 min Scan# 2121
Delta R.T. 0.014 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



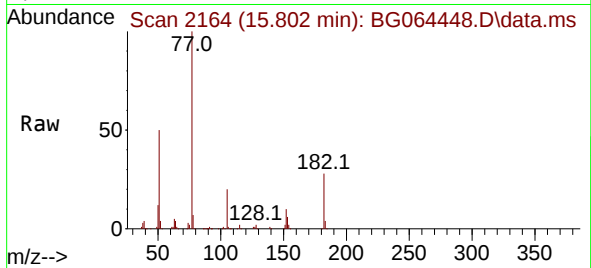
Tgt Ion:138 Resp: 82584
Ion Ratio Lower Upper
138 100
92 49.7 35.0 75.0
108 146.1 137.5 177.5





#63
Azobenzene
Concen: 76.600 ng
RT: 15.802 min Scan# 2163
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

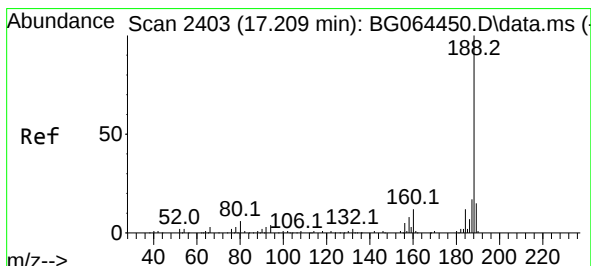
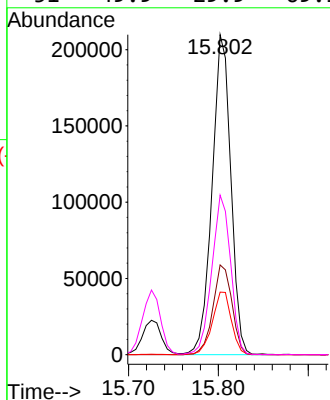
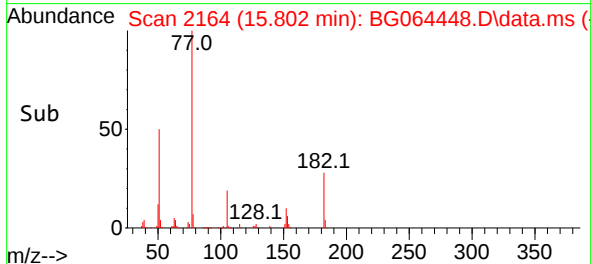
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 304330
Ion Ratio Lower Upper
77 100
182 28.1 8.1 48.1
105 19.6 1.9 41.9
51 49.9 29.9 69.9

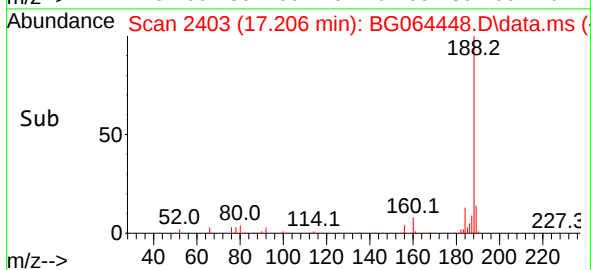
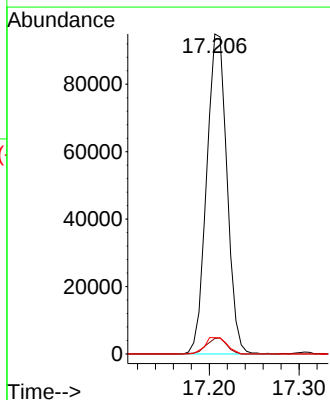
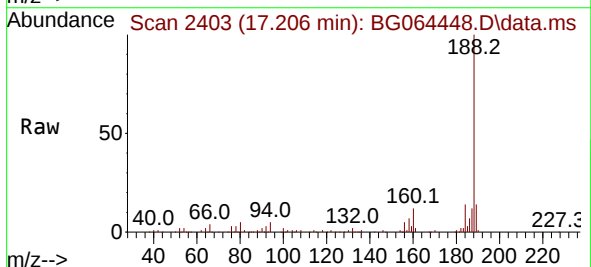
Manual Integrations
APPROVED

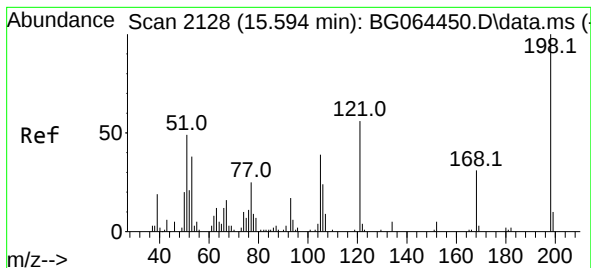
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

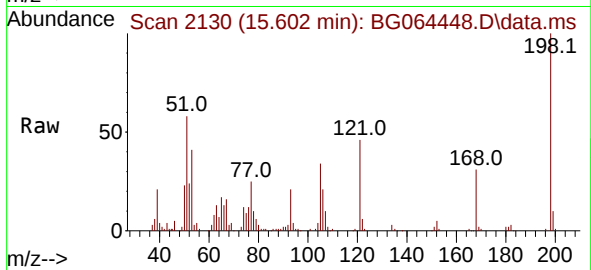
Tgt Ion:188 Resp: 148886
Ion Ratio Lower Upper
188 100
94 4.8 3.0 4.4#
80 5.1 4.9 7.3





#65
4,6-Dinitro-2-methylphenol
Concen: 83.141 ng
RT: 15.602 min Scan# 2112
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

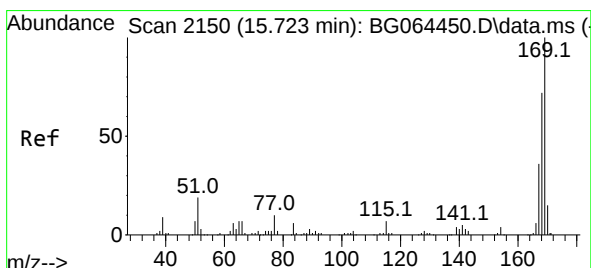
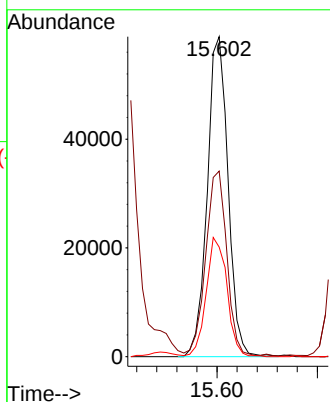
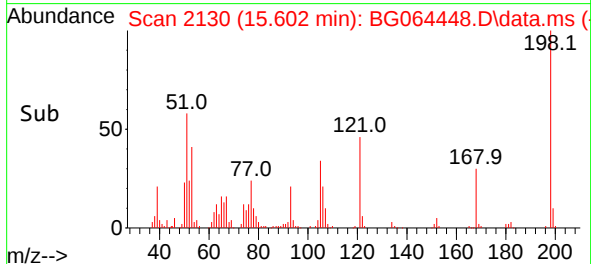
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



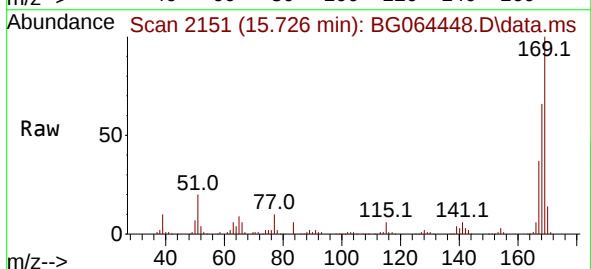
Tgt Ion:198 Resp: 84794
Ion Ratio Lower Upper
198 100
51 58.0 30.8 70.8
105 34.3 19.3 59.3

Manual Integrations
APPROVED

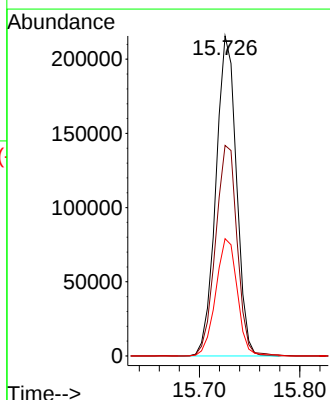
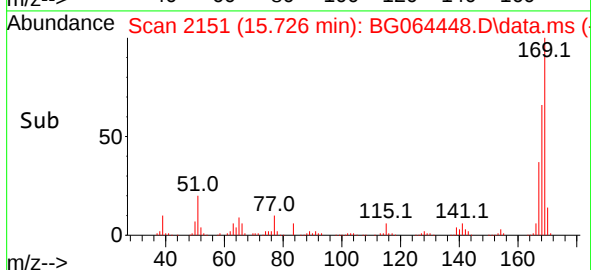
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

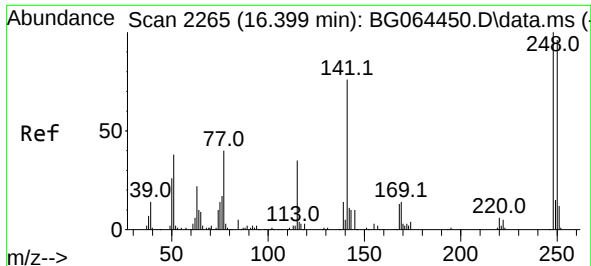


#66
n-Nitrosodiphenylamine
Concen: 77.020 ng
RT: 15.726 min Scan# 2151
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



Tgt Ion:169 Resp: 305998
Ion Ratio Lower Upper
169 100
168 65.8 57.7 86.5
167 36.7 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 77.810 ng
RT: 16.401 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

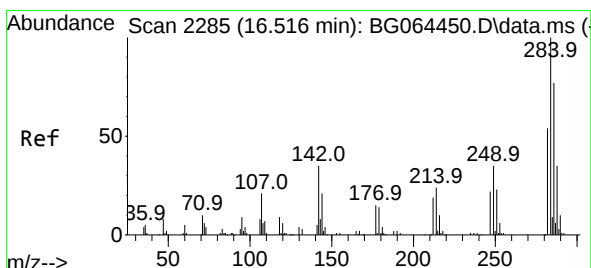
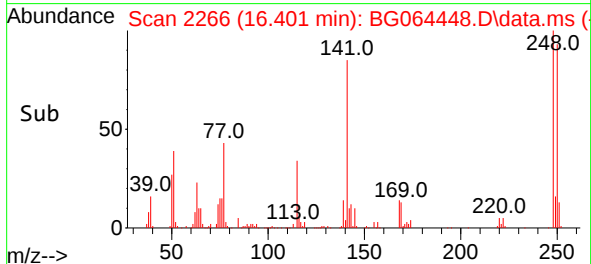
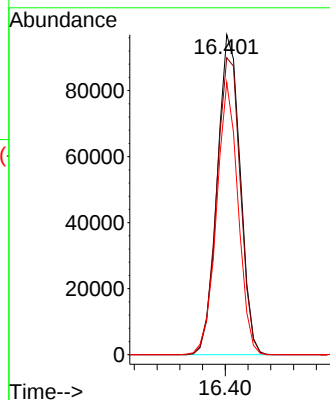
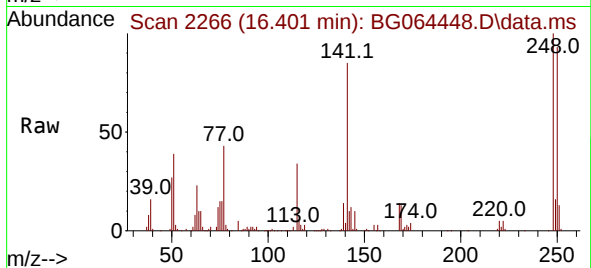
SSTDICC080

Tgt Ion:248 Resp: 135740
Ion Ratio Lower Upper
248 100
250 92.8 77.0 115.6
141 85.1 61.1 91.7

Manual Integrations

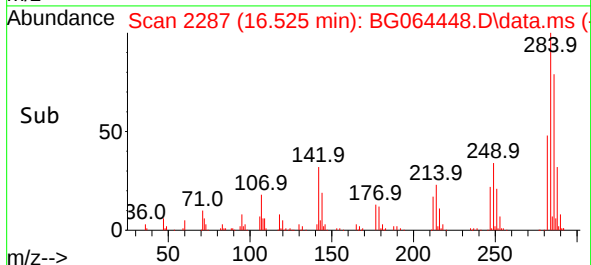
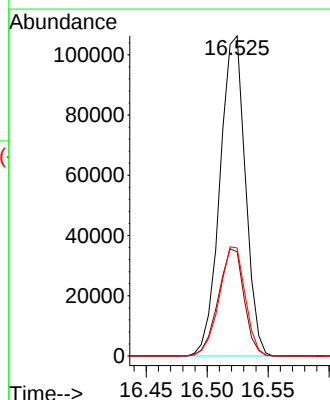
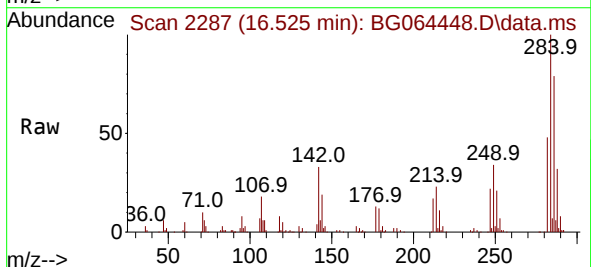
APPROVED

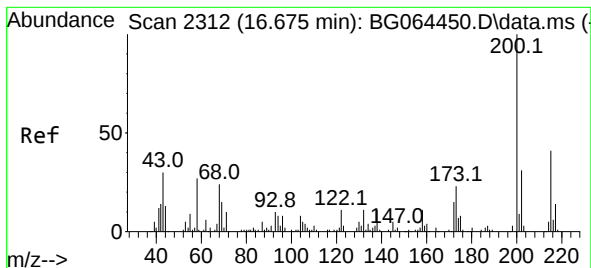
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#68
Hexachlorobenzene
Concen: 77.660 ng
RT: 16.525 min Scan# 2287
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Tgt Ion:284 Resp: 154180
Ion Ratio Lower Upper
284 100
142 32.6 27.9 41.9
249 33.8 27.7 41.5





#69

Atrazine

Concen: 75.110 ng

RT: 16.677 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:200 Resp: 13557

Ion Ratio Lower Upper

200 100

173 22.2 2.9 42.9

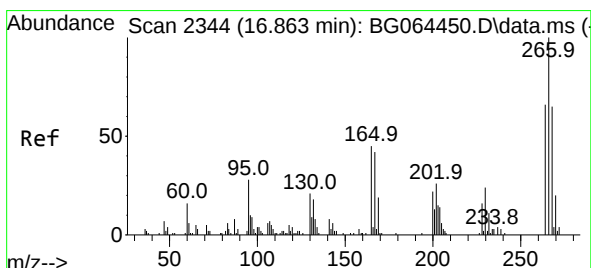
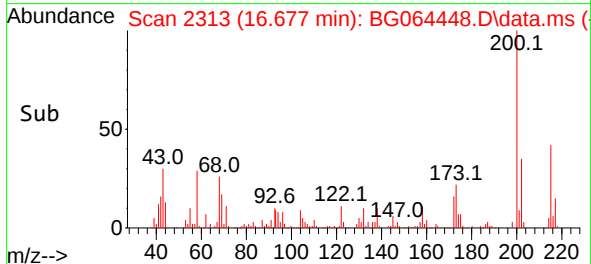
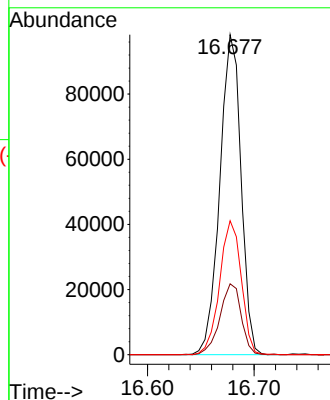
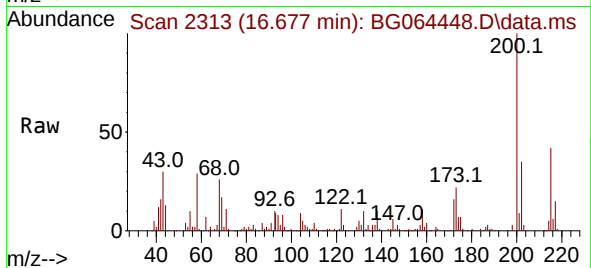
215 41.9 21.1 61.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#70

Pentachlorophenol

Concen: 86.841 ng

RT: 16.865 min Scan# 2345

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

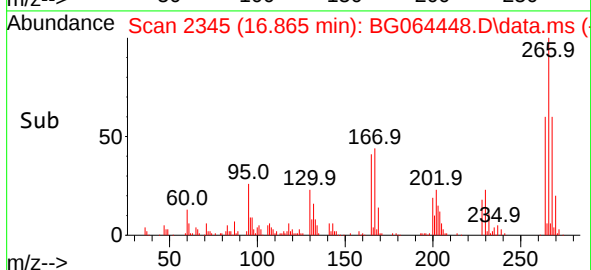
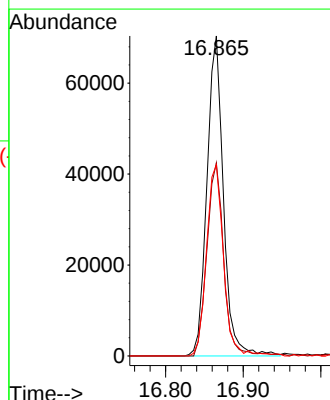
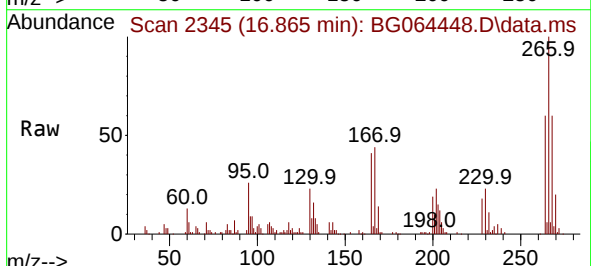
Tgt Ion:266 Resp: 104048

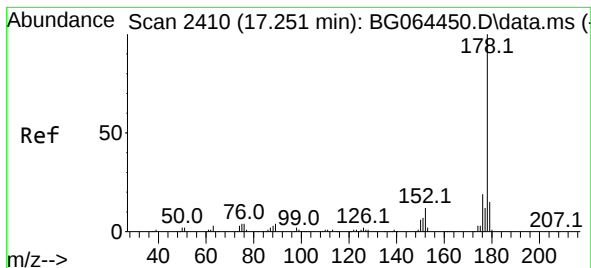
Ion Ratio Lower Upper

266 100

268 60.4 51.9 77.9

264 59.8 52.4 78.6





#71

Phenanthrene

Concen: 77.462 ng

RT: 17.253 min Scan# 2411

Delta R.T. 0.003 min

Lab File: BG064448.D

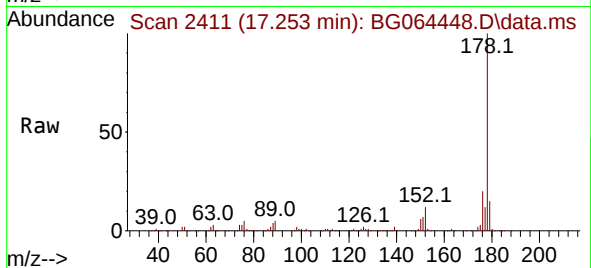
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:178 Resp: 599449

Ion Ratio Lower Upper

178 100

176 19.7 14.9 22.3

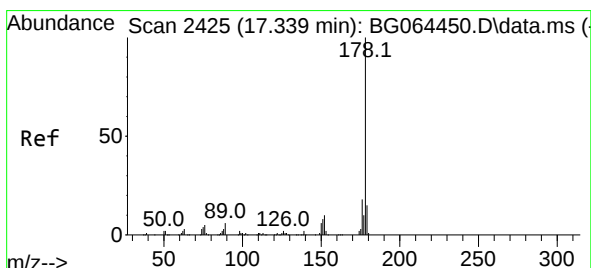
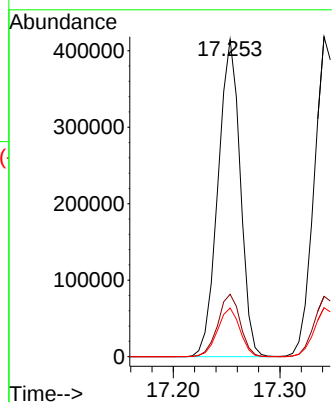
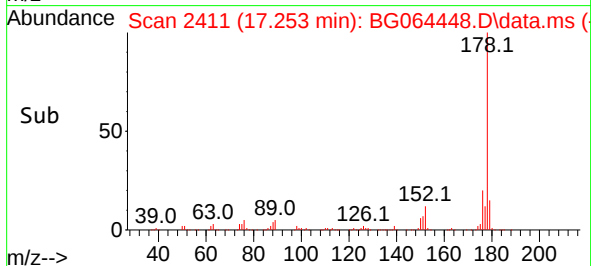
179 15.4 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#72

Anthracene

Concen: 77.972 ng

RT: 17.341 min Scan# 2426

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

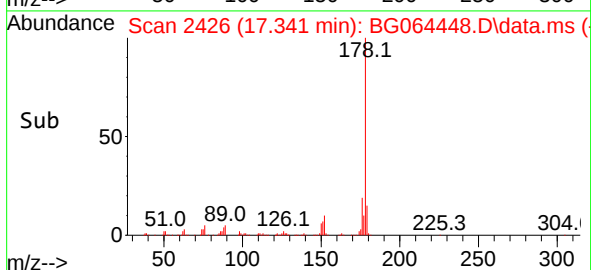
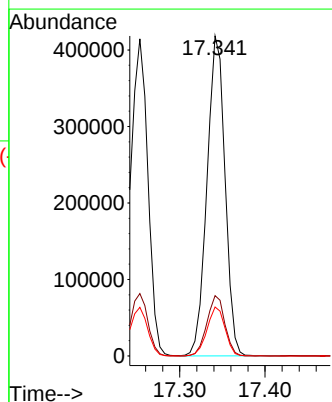
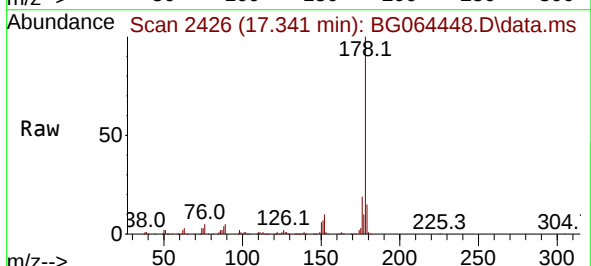
Tgt Ion:178 Resp: 614451

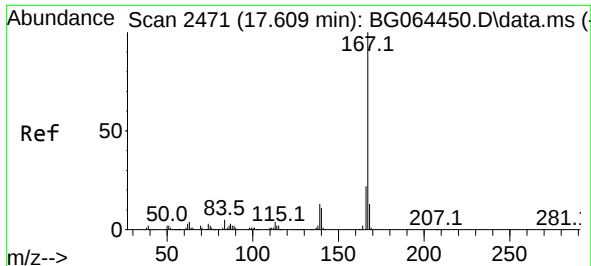
Ion Ratio Lower Upper

178 100

176 18.9 14.5 21.7

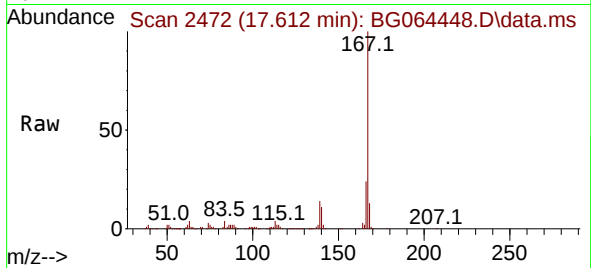
179 15.3 11.9 17.9





#73
Carbazole
Concen: 77.415 ng
RT: 17.612 min Scan# 2471
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

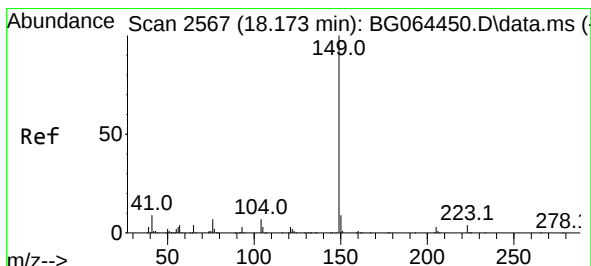
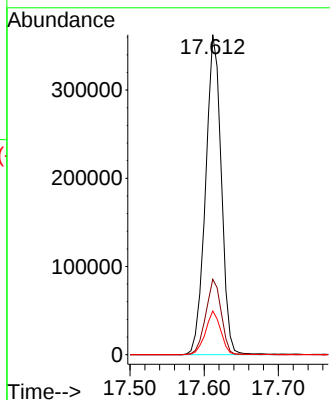
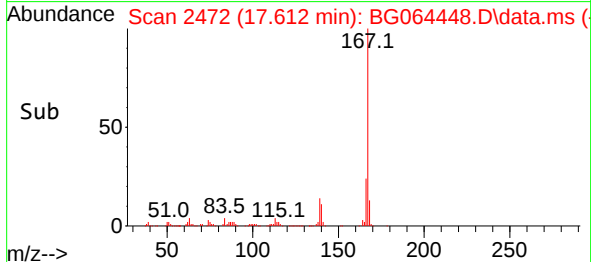
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



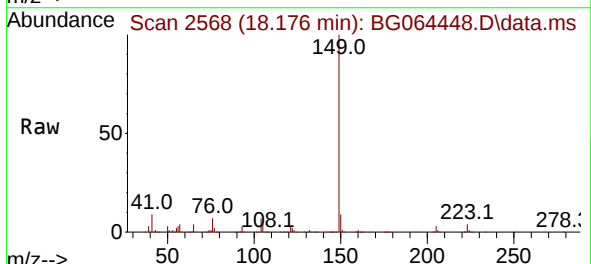
Tgt Ion:167 Resp: 53520
Ion Ratio Lower Upper
167 100
166 23.5 17.4 26.2
139 13.7 10.2 15.2

Manual Integrations
APPROVED

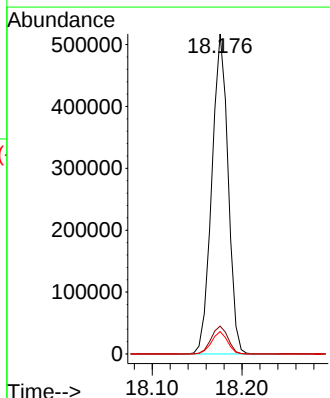
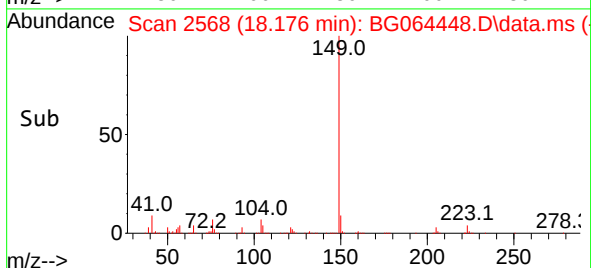
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

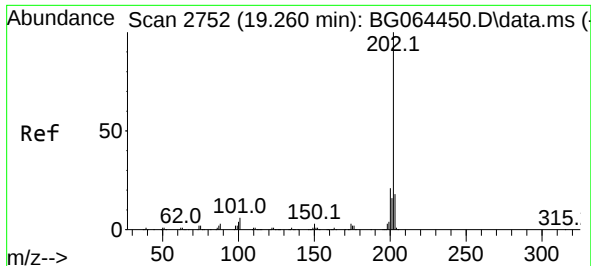


#74
Di-n-butylphthalate
Concen: 76.797 ng
RT: 18.176 min Scan# 2568
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



Tgt Ion:149 Resp: 649439
Ion Ratio Lower Upper
149 100
150 8.7 7.3 10.9
104 7.0 5.8 8.8





#75
Fluoranthene
Concen: 76.151 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

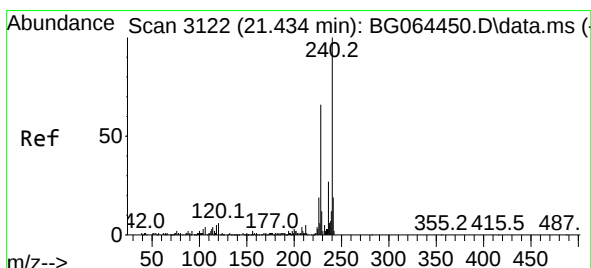
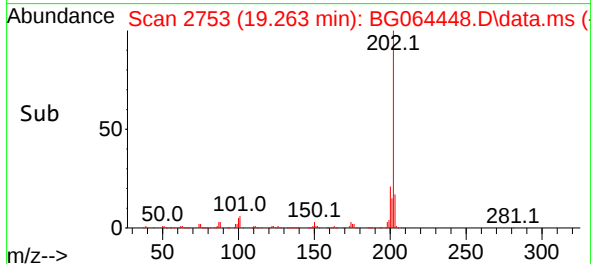
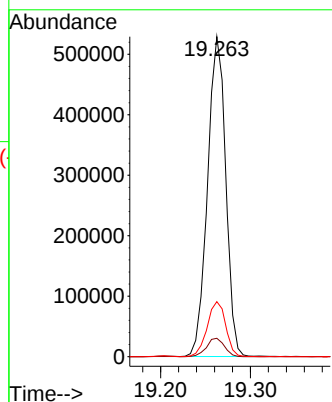
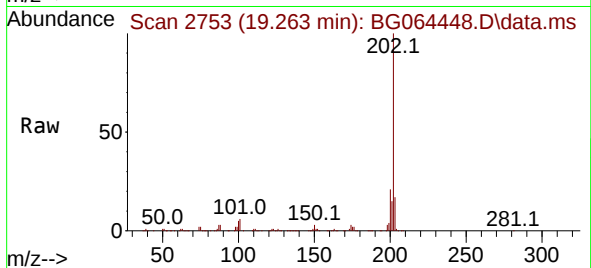
Tgt Ion:202 Resp: 744160
Ion Ratio Lower Upper
202 100
101 5.8 0.0 25.6
203 17.2 0.0 37.7

Manual Integrations

APPROVED

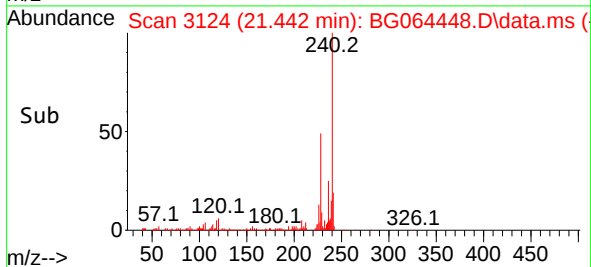
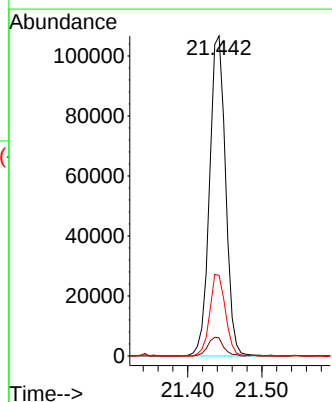
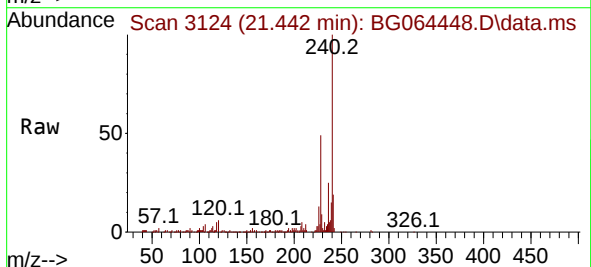
Reviewed By :Rahul Chavli 10/03/2025

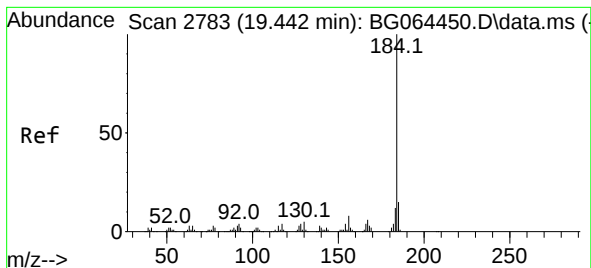
Supervised By :Jagrut Upadhyay 10/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.442 min Scan# 3124
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Tgt Ion:240 Resp: 160340
Ion Ratio Lower Upper
240 100
120 5.6 5.0 7.4
236 25.1 21.9 32.9





#77

Benzidine

Concen: 61.724 ng

RT: 19.445 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:184 Resp: 25912

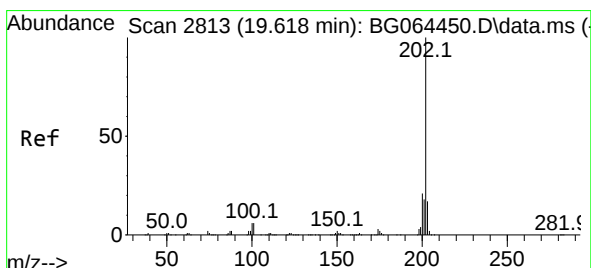
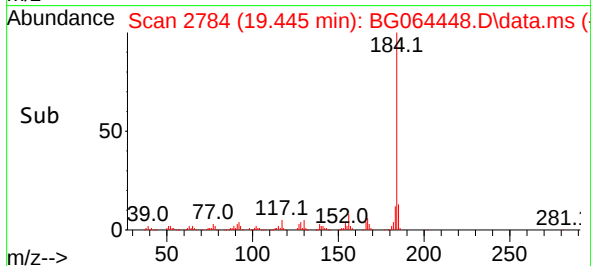
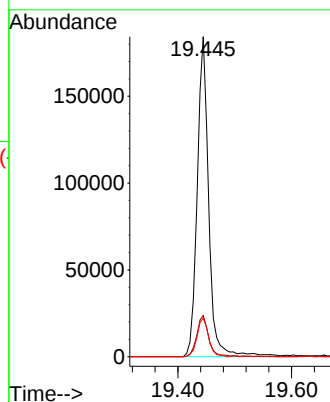
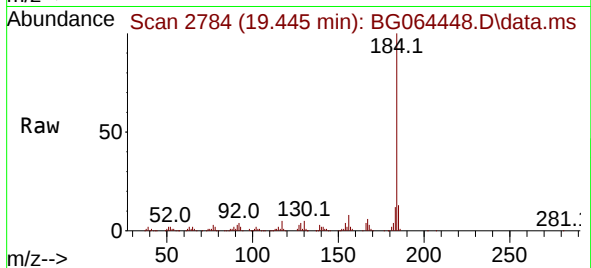
Ion	Ratio	Lower	Upper
184	100		
185	12.9	11.7	17.5
183	12.0	10.0	15.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#78

Pyrene

Concen: 78.076 ng

RT: 19.627 min Scan# 2815

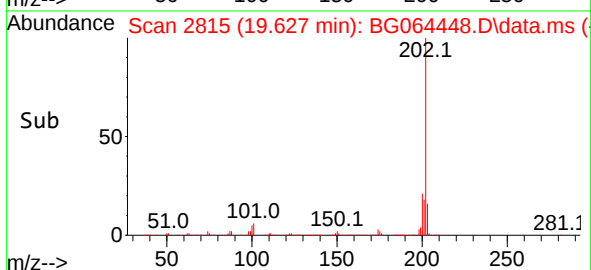
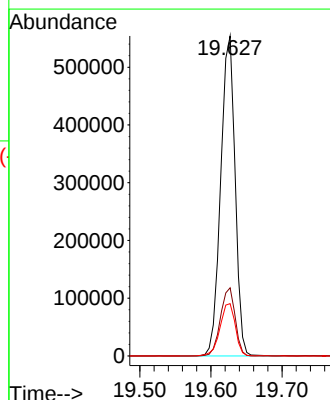
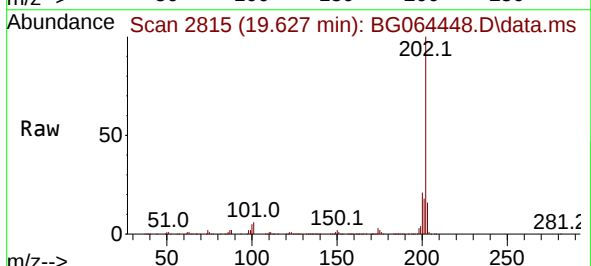
Delta R.T. 0.008 min

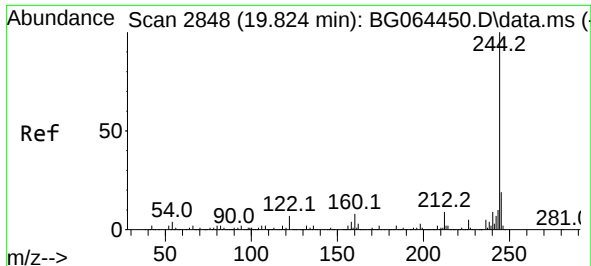
Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Tgt Ion:202 Resp: 776775

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	16.4	13.8	20.6





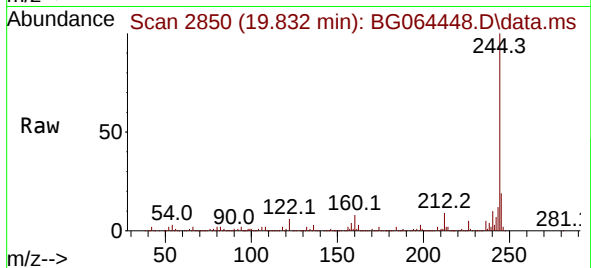
#79
 Terphenyl-d14
 Concen: 154.896 ng
 RT: 19.832 min Scan# 21
 Delta R.T. 0.008 min
 Lab File: BG064448.D
 Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



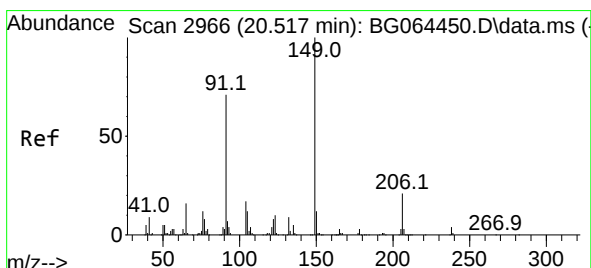
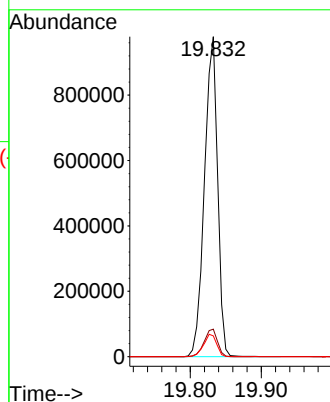
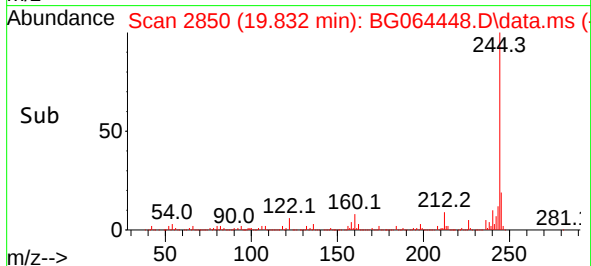
Tgt Ion:244 Resp: 125988
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.2 10.8
 122 6.5 5.7 8.5

Manual Integrations

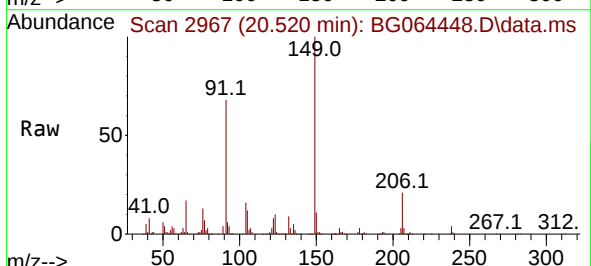
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

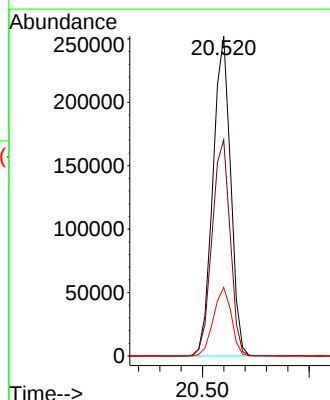
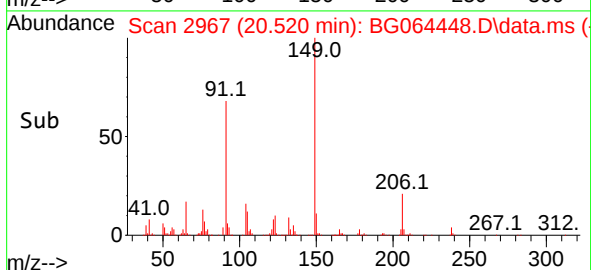
Supervised By :Jagrut Upadhyay 10/03/2025

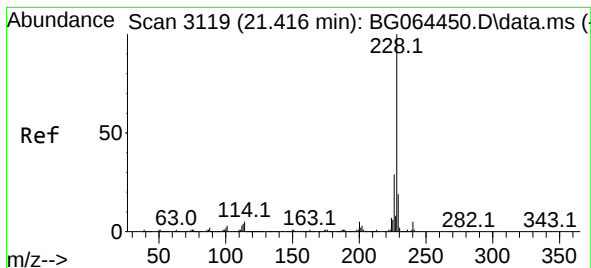


#80
 Butylbenzylphthalate
 Concen: 77.974 ng
 RT: 20.520 min Scan# 2967
 Delta R.T. 0.003 min
 Lab File: BG064448.D
 Acq: 25 Sep 2025 16:44



Tgt Ion:149 Resp: 289955
 Ion Ratio Lower Upper
 149 100
 91 67.6 56.6 84.8
 206 21.4 16.8 25.2





#81

Benzo(a)anthracene

Concen: 78.427 ng

RT: 21.419 min Scan# 3119

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 805149

Ion Ratio Lower Upper

228 100

226 27.2 23.0 34.6

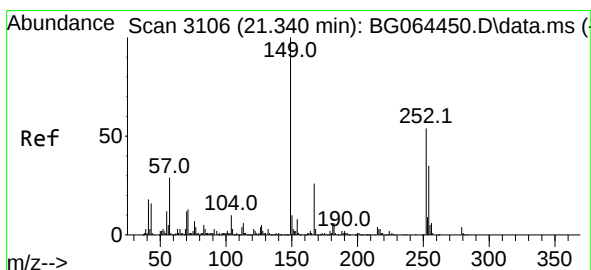
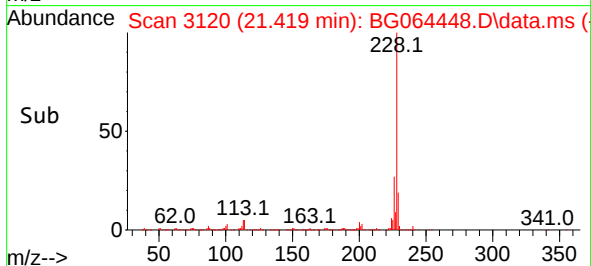
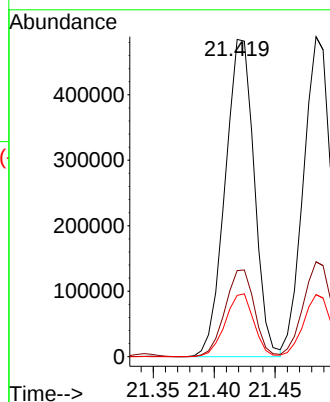
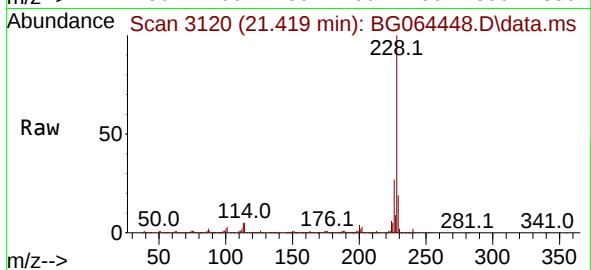
229 19.3 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#82

3,3'-Dichlorobenzidine

Concen: 76.951 ng

RT: 21.342 min Scan# 3107

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

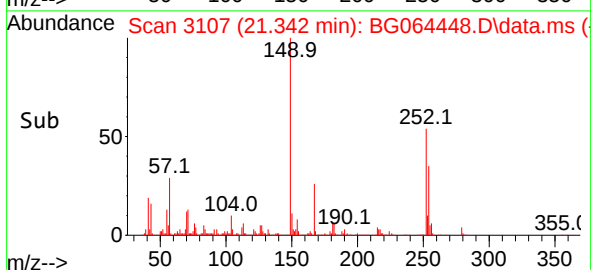
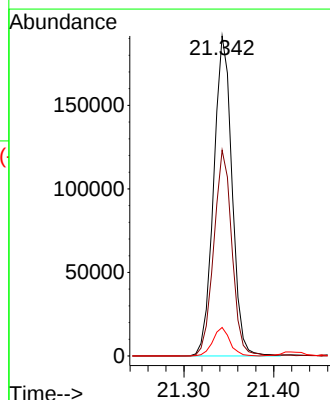
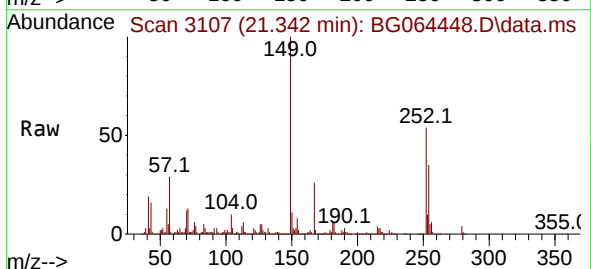
Tgt Ion:252 Resp: 271691

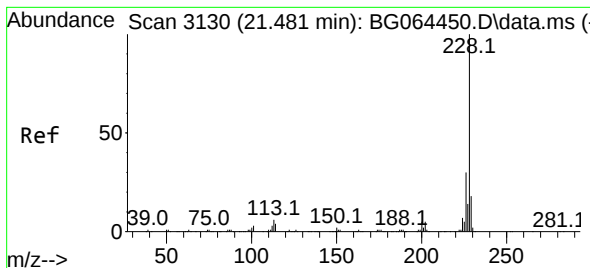
Ion Ratio Lower Upper

252 100

254 64.3 51.8 77.8

126 8.9 5.9 8.9#





#83

Chrysene

Concen: 78.546 ng

RT: 21.483 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

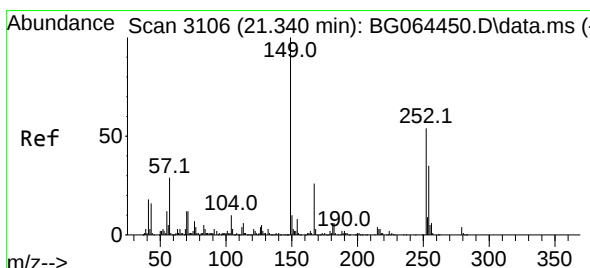
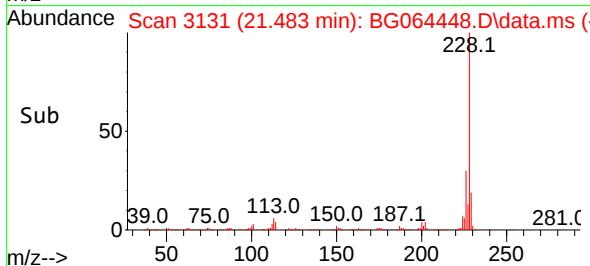
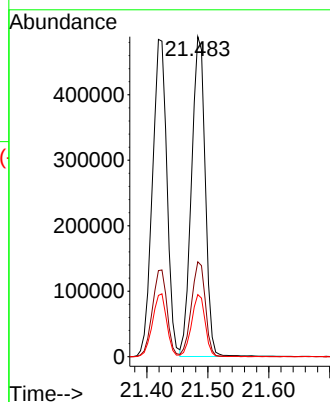
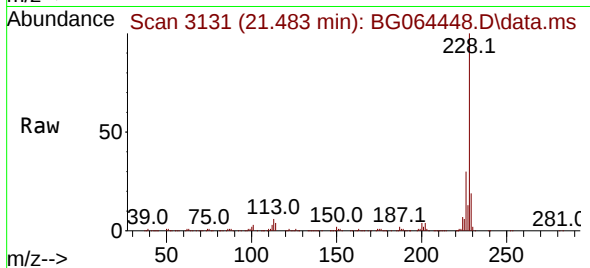
Tgt Ion:228 Resp: 763679
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.2 36.4
 229 19.4 14.7 22.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.343 ng

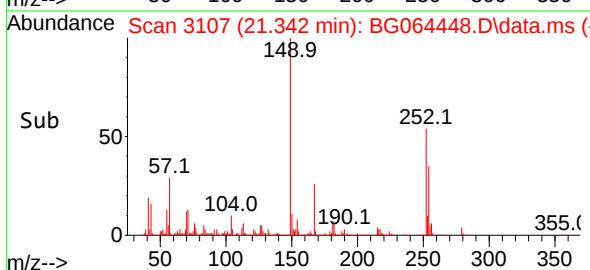
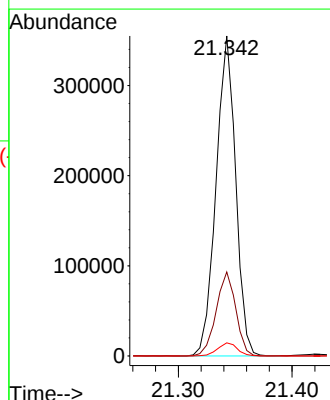
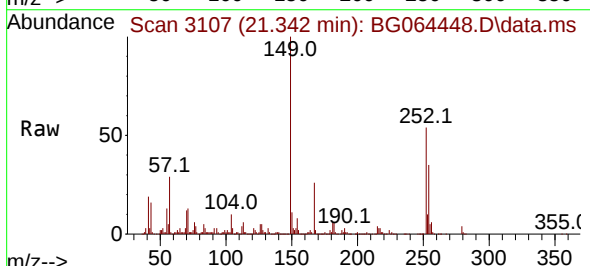
RT: 21.342 min Scan# 3107

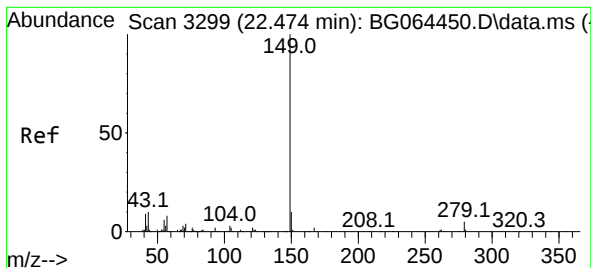
Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Tgt Ion:149 Resp: 425021
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.6 31.0
 279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 78.213 ng

RT: 22.476 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 712190

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

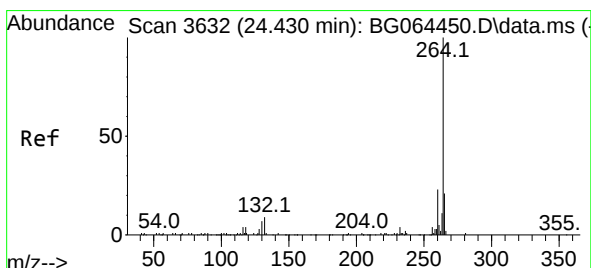
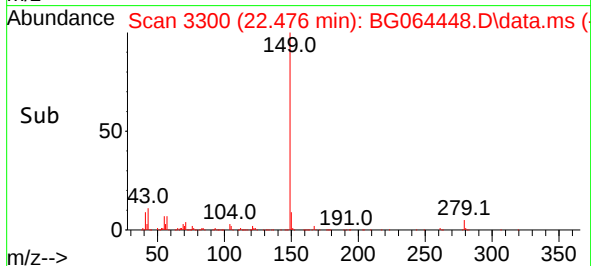
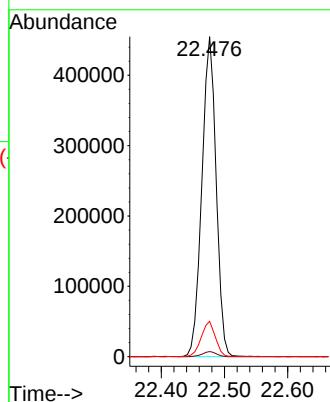
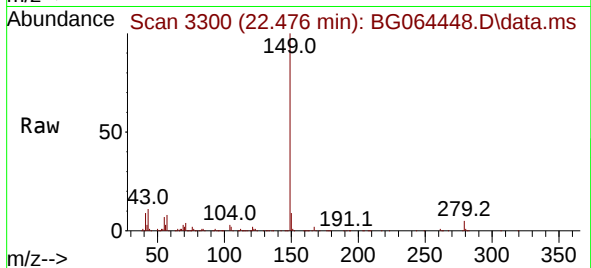
43 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.433 min Scan# 3633

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

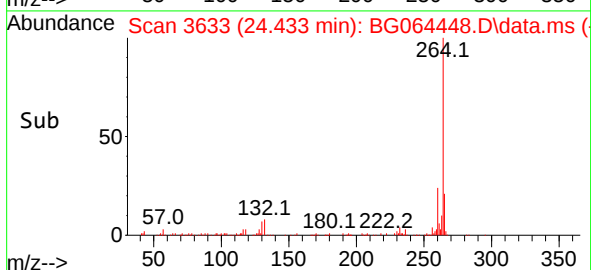
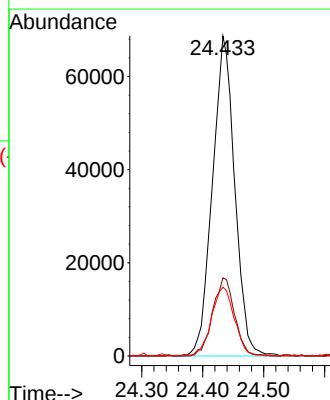
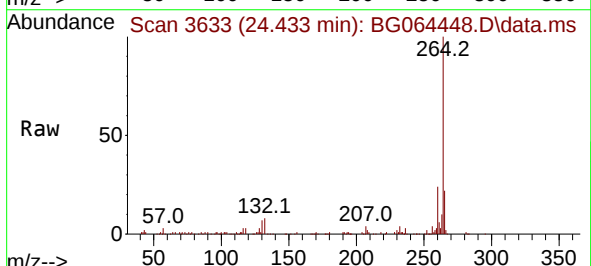
Tgt Ion:264 Resp: 174344

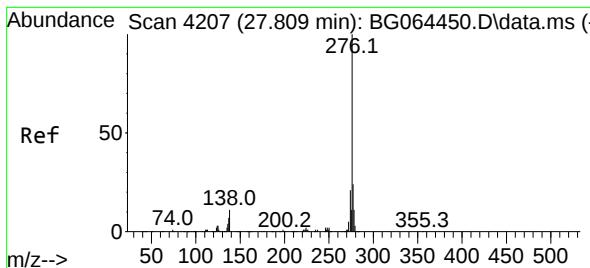
Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 21.5 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 77.678 ng

RT: 27.835 min Scan# 41

Delta R.T. 0.026 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

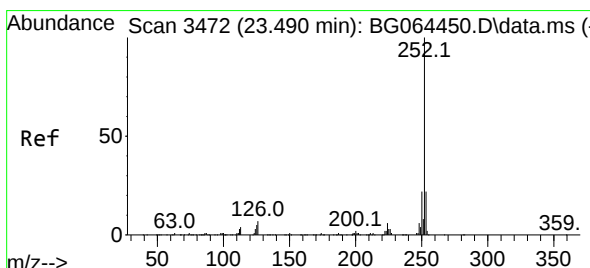
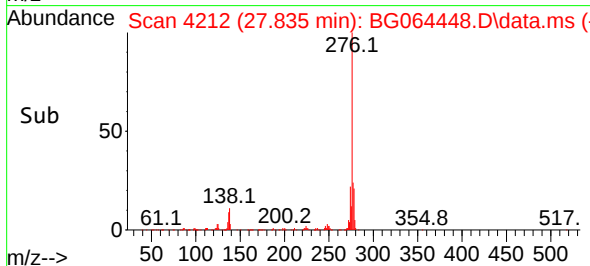
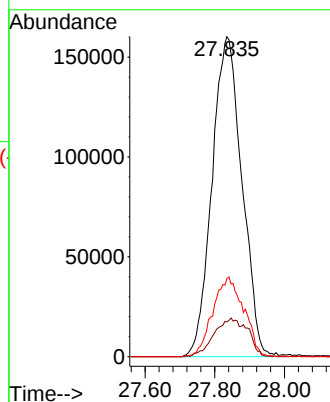
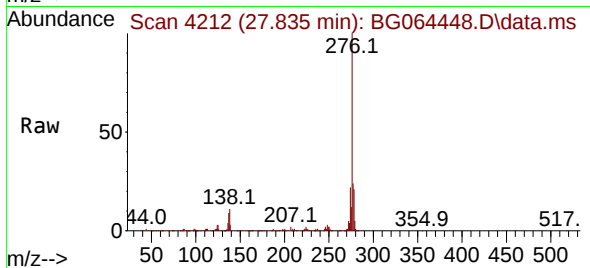
Tgt Ion:	276	Resp:	95714
Ion Ratio	Lower	Upper	
276	100		
138	13.5	10.3	15.5
277	25.8	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#88

Benzo(b)fluoranthene

Concen: 79.295 ng

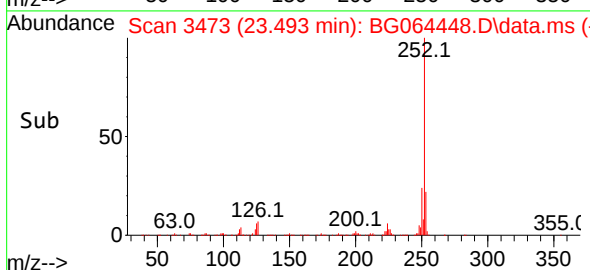
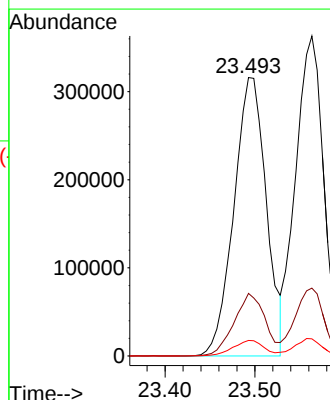
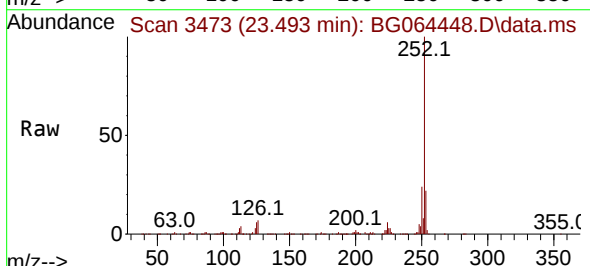
RT: 23.493 min Scan# 3473

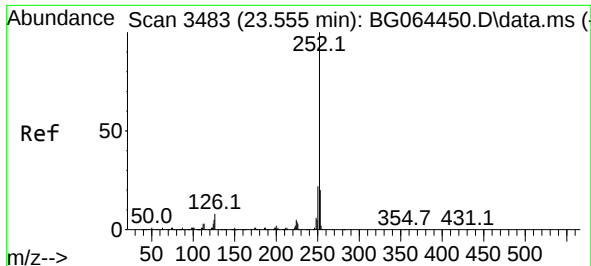
Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Tgt Ion:	252	Resp:	792510
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.3	25.9
125	5.6	4.2	6.2





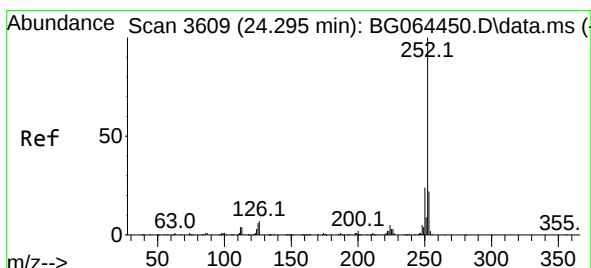
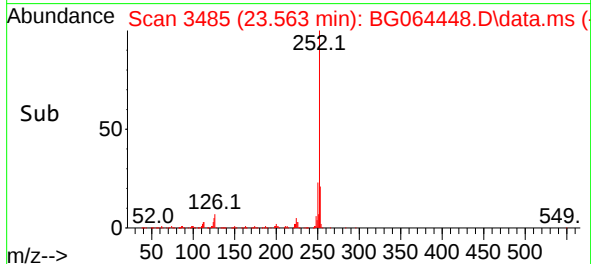
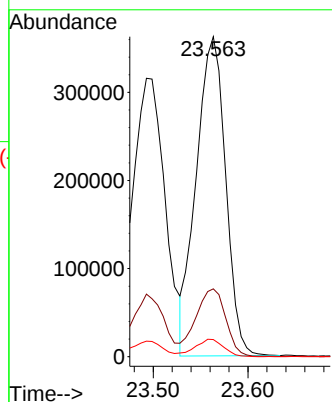
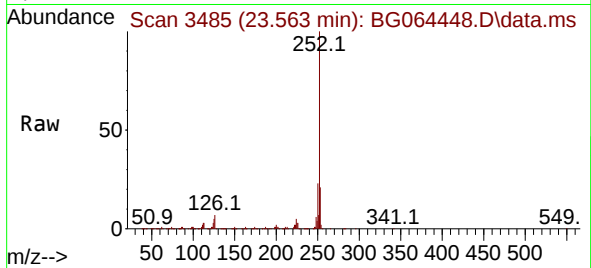
#89
Benzo(k)fluoranthene
Concen: 77.992 ng
RT: 23.563 min Scan# 3483
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 78023
Ion Ratio Lower Upper
252 100
253 21.2 16.6 24.8
125 5.4 4.4 6.6

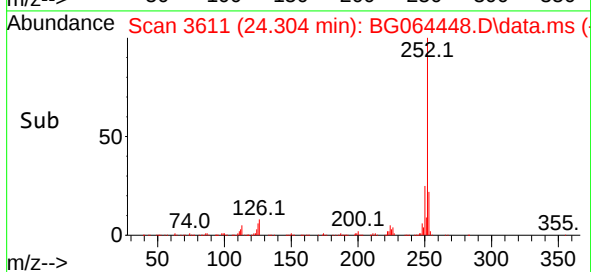
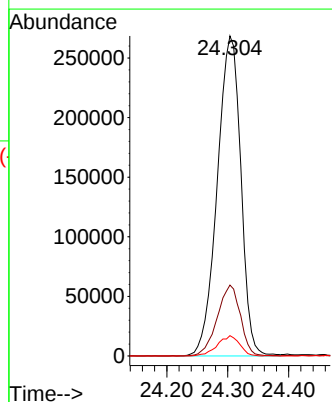
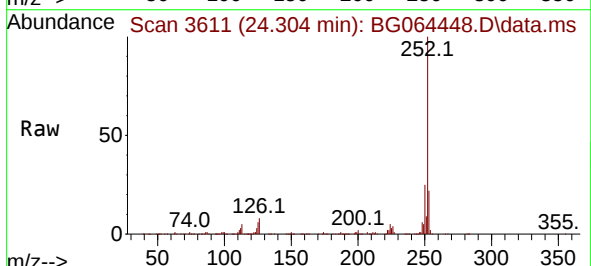
Manual Integrations
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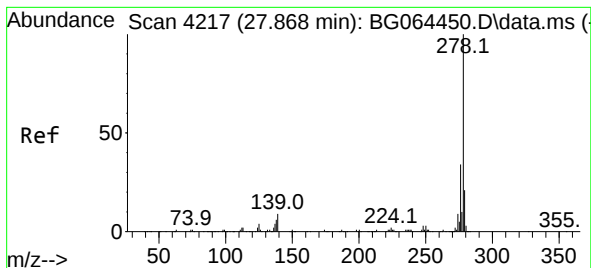
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#90
Benzo(a)pyrene
Concen: 78.017 ng
RT: 24.304 min Scan# 3611
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

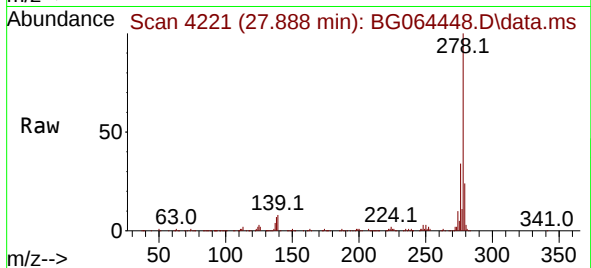
Tgt Ion:252 Resp: 722303
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 6.3 4.6 7.0





#91
Dibenzo(a,h)anthracene
Concen: 77.983 ng
RT: 27.888 min Scan# 41
Delta R.T. 0.020 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

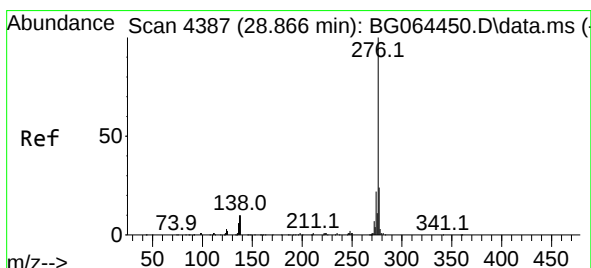
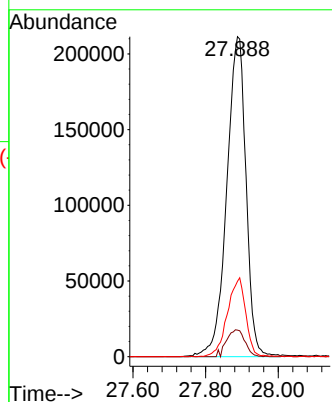
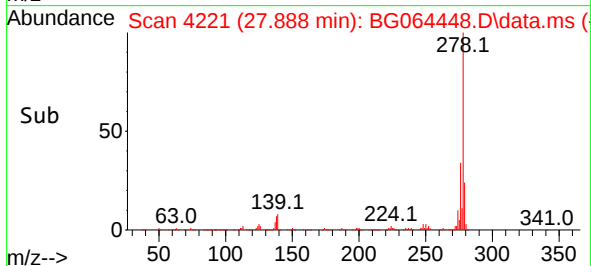
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



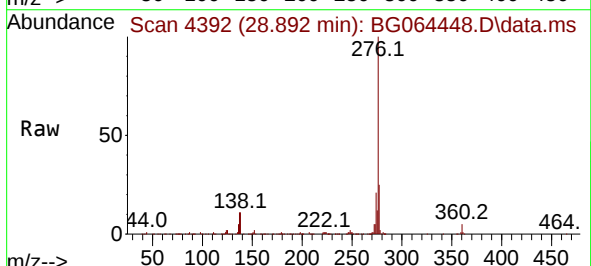
Tgt Ion:278 Resp: 77899
Ion Ratio Lower Upper
278 100
139 8.3 6.9 10.3
279 23.6 17.2 25.8

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 77.248 ng
RT: 28.892 min Scan# 4392
Delta R.T. 0.026 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



Tgt Ion:276 Resp: 741087
Ion Ratio Lower Upper
276 100
277 24.6 19.3 28.9
138 11.0 8.2 12.4

