

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064445.D
 Acq On : 25 Sep 2025 14:41
 Operator : RC/JU
 Sample : SSTDCCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 25 15:32:27 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Sep 25 15:27:57 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	15613	20.000	ng	0.00
21) Naphthalene-d8	10.629	136	71861	20.000	ng	0.00
39) Acenaphthene-d10	14.465	164	54905	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	139111	20.000	ng	0.00
76) Chrysene-d12	21.439	240	156514	20.000	ng	0.00
86) Perylene-d12	24.430	264	168948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.429	112	67269	80.795	ng	0.00
7) Phenol-d6	7.009	99	95083	83.296	ng	0.00
23) Nitrobenzene-d5	8.995	82	104016	77.576	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	84245	86.888	ng	0.00
45) 2-Fluorobiphenyl	13.090	172	309421	84.018	ng	0.00
79) Terphenyl-d14	19.824	244	671831	84.044	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	13872	39.904	ng	100
3) Pyridine	3.731	79	38080	39.855	ng	100
4) n-Nitrosodimethylamine	3.649	42	28280	37.176	ng	100
6) Aniline	7.168	93	59686	40.367	ng	100
8) 2-Chlorophenol	7.409	128	42983	41.352	ng	100
9) Benzaldehyde	6.986	77	62473	61.195	ng	100
10) Phenol	7.039	94	49251	40.968	ng	100
11) bis(2-Chloroethyl)ether	7.268	93	33571	41.223	ng	100
12) 1,3-Dichlorobenzene	7.732	146	46506	40.998	ng	100
13) 1,4-Dichlorobenzene	7.873	146	46194	39.502	ng	100
14) 1,2-Dichlorobenzene	8.190	146	46455	41.525	ng	100
15) Benzyl Alcohol	8.079	79	42502	40.264	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.361	45	56545	38.664	ng	100
17) 2-Methylphenol	8.278	107	35755	41.722	ng	100
18) Hexachloroethane	8.913	117	18330	40.222	ng	100
19) n-Nitroso-di-n-propyla...	8.643	70	31592	40.016	ng	100
20) 3+4-Methylphenols	8.607	107	50098	41.395	ng	100
22) Acetophenone	8.660	105	66945	38.295	ng	100
24) Nitrobenzene	9.030	77	51522	39.260	ng	100
25) Isophorone	9.559	82	92759	37.818	ng	100
26) 2-Nitrophenol	9.741	139	25984	41.302	ng	100
27) 2,4-Dimethylphenol	9.806	122	39848	40.504	ng	100
28) bis(2-Chloroethoxy)met...	10.041	93	48191	38.974	ng	100
29) 2,4-Dichlorophenol	10.276	162	50668	44.077	ng	100
30) 1,2,4-Trichlorobenzene	10.493	180	53587	42.639	ng	100
31) Naphthalene	10.676	128	157583	42.321	ng	100
32) Benzoic acid	9.953	122	34198m	43.152	ng	
33) 4-Chloroaniline	10.787	127	60948	44.719	ng	100
34) Hexachlorobutadiene	10.969	225	45732	43.594	ng	100
35) Caprolactam	11.551	113	17599	42.083	ng	100
36) 4-Chloro-3-methylphenol	11.915	107	61801	42.877	ng	100
37) 2-Methylnaphthalene	12.285	142	122547	43.277	ng	100
38) 1-Methylnaphthalene	12.503	142	117413	42.966	ng	100
40) 1,2,4,5-Tetrachloroben...	12.656	216	73031	41.783	ng	100
41) Hexachlorocyclopentadiene	12.638	237	37861	42.970	ng	100
43) 2,4,6-Trichlorophenol	12.897	196	48862	43.105	ng	100

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Manual Integrations

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Sep 25 15:27:57 2025

Response via : Initial Calibration

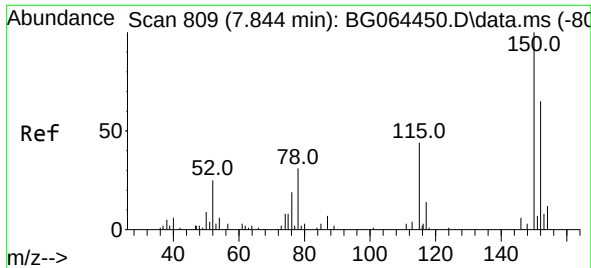
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	54103	42.793	ng	100
46) 1,1'-Biphenyl	13.302	154	163982	41.888	ng	100
47) 2-Chloronaphthalene	13.337	162	123736	41.580	ng	100
48) 2-Nitroaniline	13.543	65	46084	44.416	ng	100
49) Acenaphthylene	14.183	152	183618	41.580	ng	100
50) Dimethylphthalate	13.925	163	178451	41.869	ng	100
51) 2,6-Dinitrotoluene	14.036	165	37906	43.357	ng	100
52) Acenaphthene	14.530	154	129577	42.644	ng	100
53) 3-Nitroaniline	14.371	138	37188	42.806	ng	100
54) 2,4-Dinitrophenol	14.577	184	24250	42.506	ng	100
55) Dibenzofuran	14.865	168	213807	42.793	ng	100
56) 4-Nitrophenol	14.683	139	30338	42.249	ng	100
57) 2,4-Dinitrotoluene	14.830	165	60636	43.217	ng	100
58) Fluorene	15.511	166	177725	41.691	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.094	232	56740	43.348	ng	100
60) Diethylphthalate	15.288	149	196662	41.781	ng	100
61) 4-Chlorophenyl-phenyle...	15.505	204	94920	42.389	ng	100
62) 4-Nitroaniline	15.535	138	41940	44.572	ng	100
63) Azobenzene	15.799	77	153400	41.229	ng	100
65) 4,6-Dinitro-2-methylph...	15.593	198	43808	45.192	ng	100
66) n-Nitrosodiphenylamine	15.723	169	154593	42.528	ng	100
67) 4-Bromophenyl-phenylether	16.404	248	66801	42.523	ng	100
68) Hexachlorobenzene	16.516	284	77772	43.286	ng	100
69) Atrazine	16.674	200	73273	42.132	ng	100
70) Pentachlorophenol	16.862	266	50397	45.316	ng	100
71) Phenanthrene	17.250	178	314033	43.011	ng	100
72) Anthracene	17.338	178	314891	42.243	ng	100
73) Carbazole	17.609	167	287911	43.177	ng	100
74) Di-n-butylphthalate	18.173	149	340455	41.741	ng	100
75) Fluoranthene	19.260	202	390562	41.880	ng	100
77) Benzidine	19.442	184	182199	45.179	ng	100
78) Pyrene	19.618	202	414731	42.150	ng	100
80) Butylbenzylphthalate	20.517	149	153205	41.506	ng	100
81) Benzo(a)anthracene	21.416	228	413011	41.183	ng	100
82) 3,3'-Dichlorobenzidine	21.340	252	144049	42.070	ng	100
83) Chrysene	21.481	228	391803	41.305	ng	100
84) Bis(2-ethylhexyl)phtha...	21.340	149	216462	40.558	ng	100
85) Di-n-octyl phthalate	22.474	149	370814	41.228	ng	100
87) Indeno(1,2,3-cd)pyrene	27.808	276	493785	41.526	ng	100
88) Benzo(b)fluoranthene	23.490	252	414302	42.448	ng	100
89) Benzo(k)fluoranthene	23.549	252	399733	41.107	ng	100
90) Benzo(a)pyrene	24.295	252	379060	42.036	ng	100
91) Dibenzo(a,h)anthracene	27.861	278	398827	41.558	ng	100
92) Benzo(g,h,i)perylene	28.860	276	388857	42.283	ng	100

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

Manual Integrations

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

[illegible]



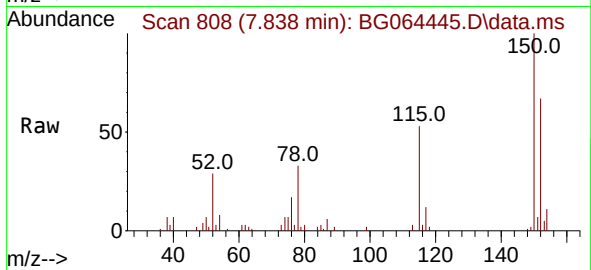
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.838 min Scan# 809
Delta R.T. -0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



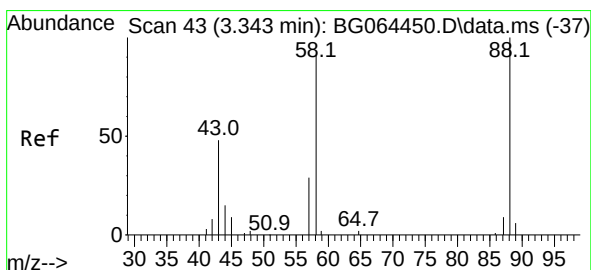
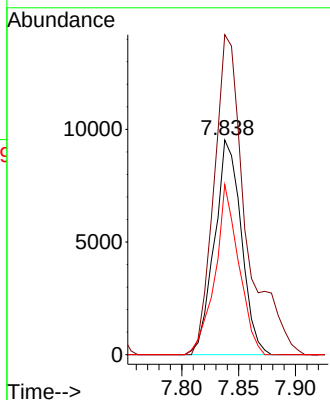
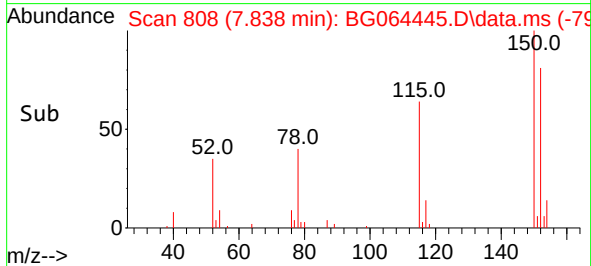
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Ion Ratio Lower Upper
152 100
150 149.0 119.2 178.8
115 79.2 63.4 95.0

Manual Integrations

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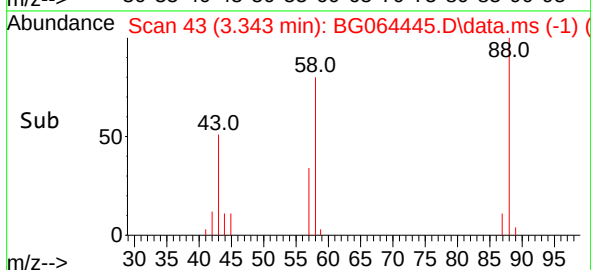
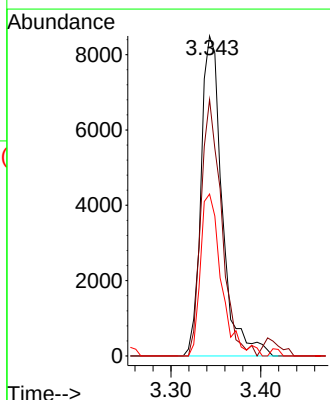
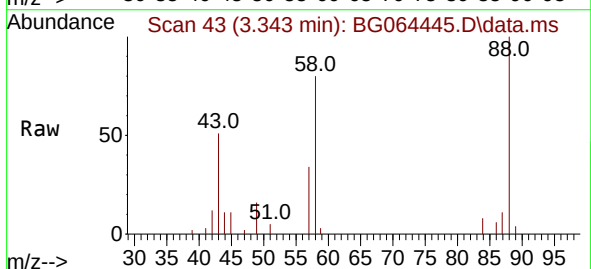
Reviewed By :Rahul Chavli 10/03/2025

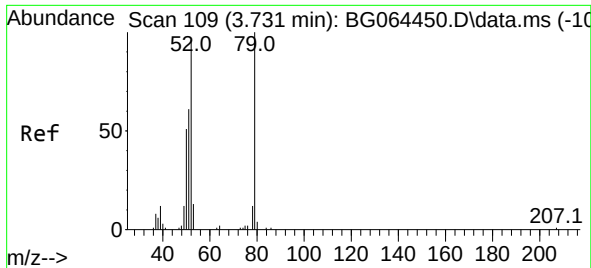
Supervised By :Jagrut Upadhyay 10/03/2025



#2
1,4-Dioxane
Concen: 39.904 ng
RT: 3.343 min Scan# 43
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

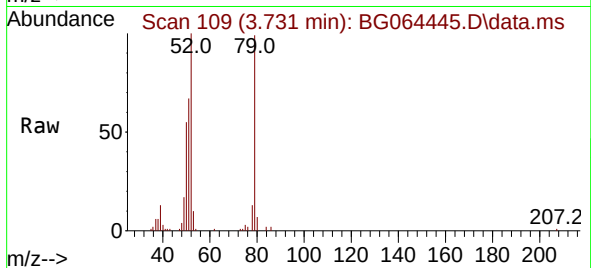
Tgt Ion: 88 Resp: 13872
Ion Ratio Lower Upper
88 100
58 77.6 62.1 93.1
43 50.2 40.2 60.2





#3
Pyridine
Concen: 39.855 ng
RT: 3.731 min Scan# 109
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

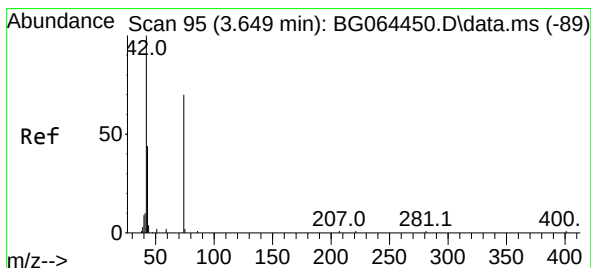
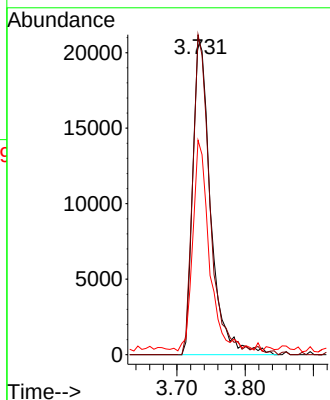
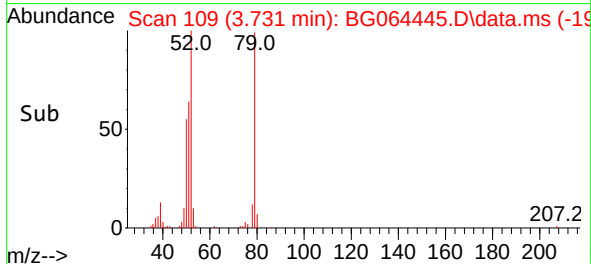
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



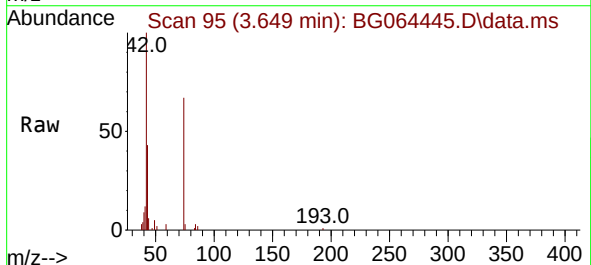
Tgt Ion: 79 Resp: 38080
Ion Ratio Lower Upper
79 100
52 100.9 80.7 121.1
51 67.6 54.1 81.1

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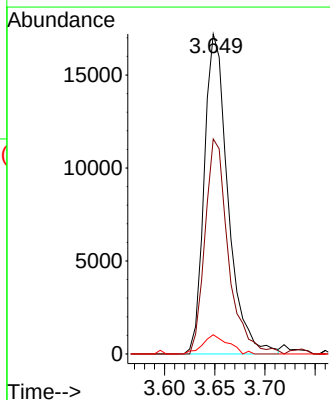
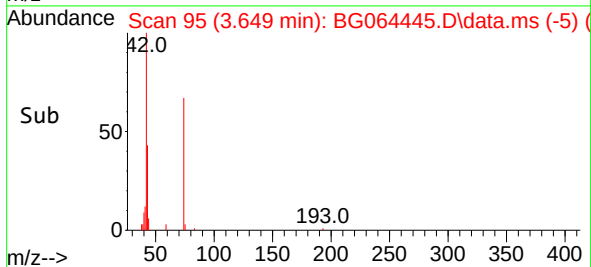
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

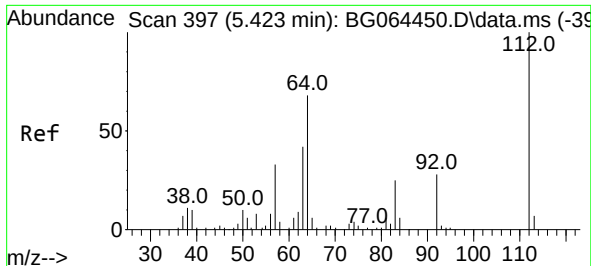


#4
n-Nitrosodimethylamine
Concen: 37.176 ng
RT: 3.649 min Scan# 95
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41



Tgt Ion: 42 Resp: 28280
Ion Ratio Lower Upper
42 100
74 67.2 53.8 80.6
44 6.0 4.8 7.2





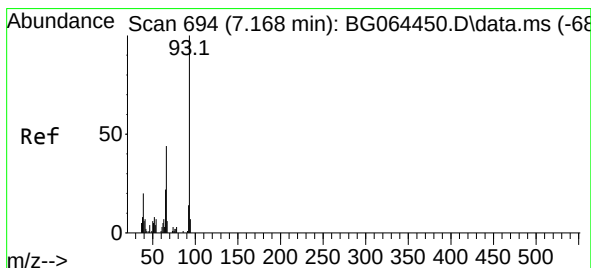
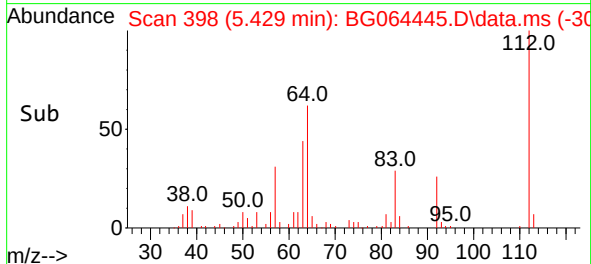
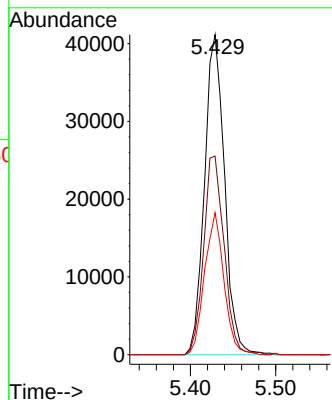
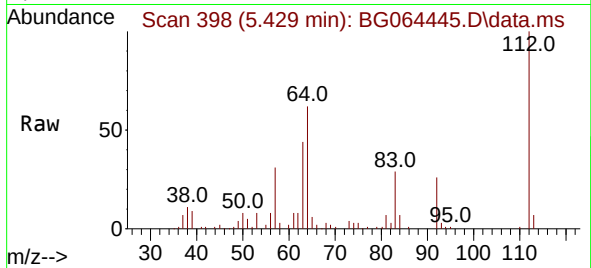
#5
2-Fluorophenol
Concen: 80.795 ng
RT: 5.429 min Scan# 397
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 112 Resp: 67269
Ion Ratio Lower Upper
112 100
64 62.1 49.7 74.5
63 44.4 35.5 53.3

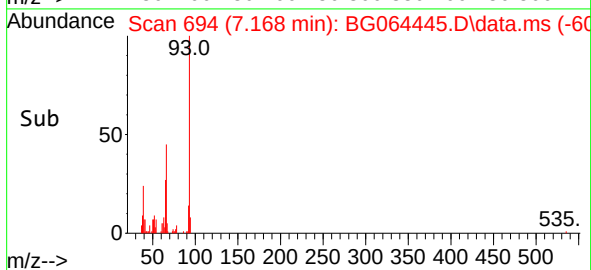
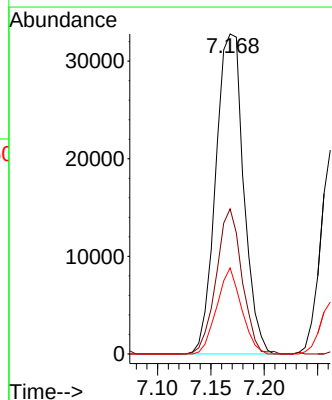
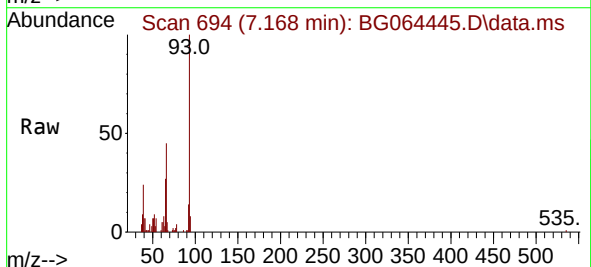
Manual Integrations
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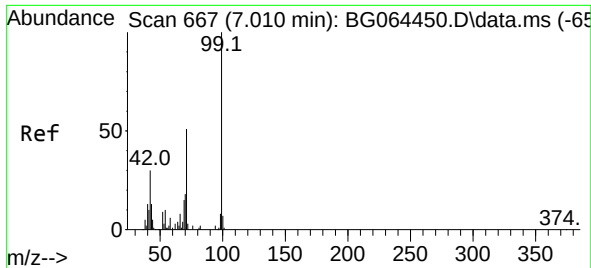
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#6
Aniline
Concen: 40.367 ng
RT: 7.168 min Scan# 694
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 93 Resp: 59686
Ion Ratio Lower Upper
93 100
66 45.4 36.3 54.5
65 26.9 21.5 32.3





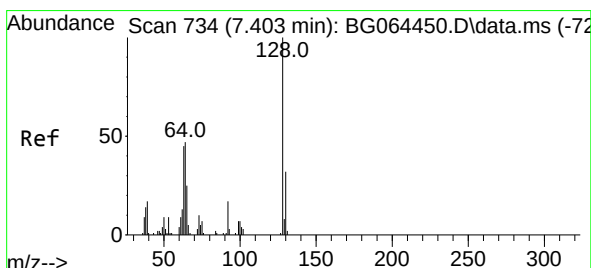
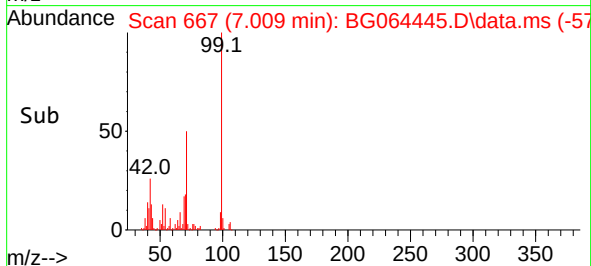
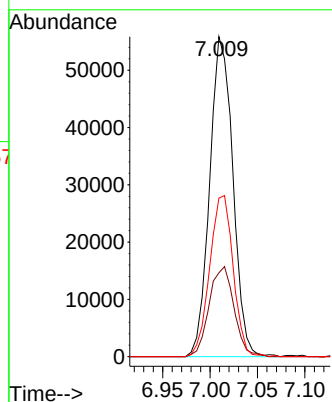
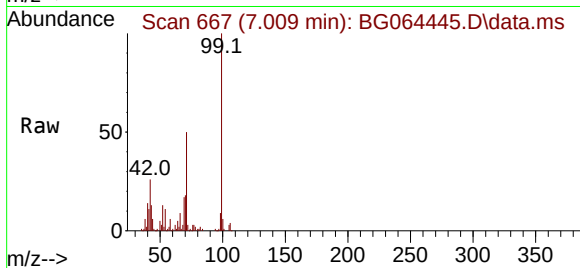
#7
Phenol-d6
Concen: 83.296 ng
RT: 7.009 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :
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ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
99	100		
42	26.2	21.0	31.4
71	49.5	39.6	59.4

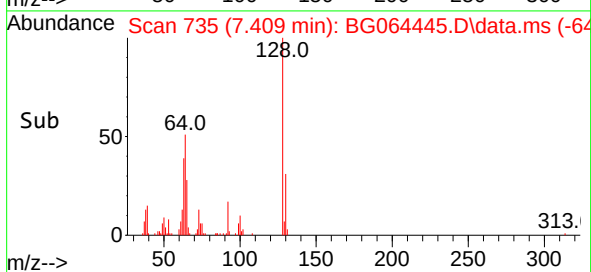
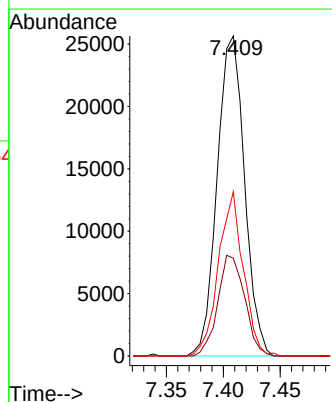
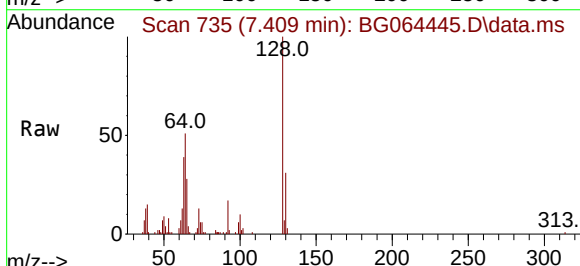
Manual Integrations
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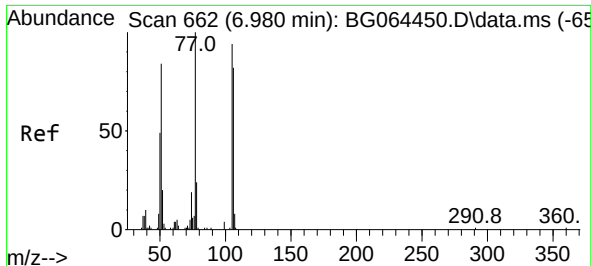
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#8
2-Chlorophenol
Concen: 41.352 ng
RT: 7.409 min Scan# 735
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

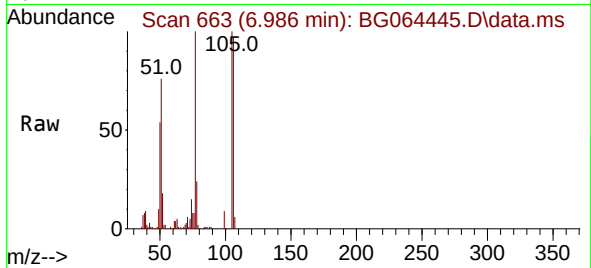
Tgt Ion	Ratio	Lower	Upper
128	100		
130	30.6	10.6	50.6
64	51.3	31.3	71.3





#9
Benzaldehyde
Concen: 61.195 ng
RT: 6.986 min Scan# 663
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

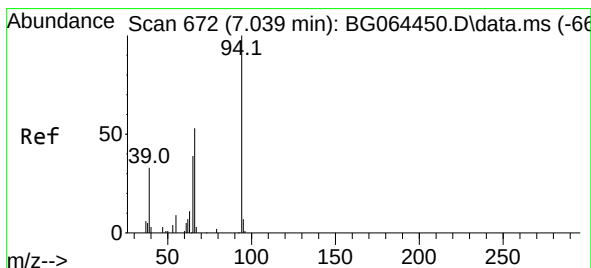
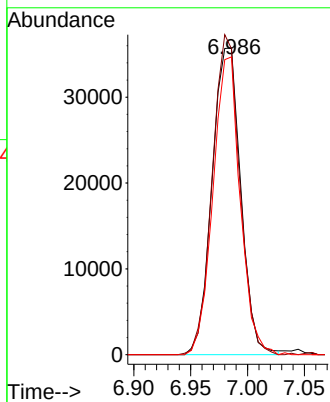
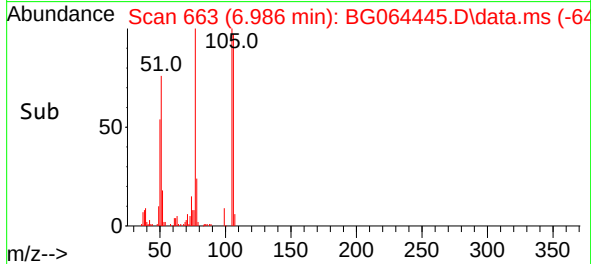
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 6247
Ion Ratio Lower Upper
77 100
105 99.8 79.8 119.8
106 97.1 77.1 117.1

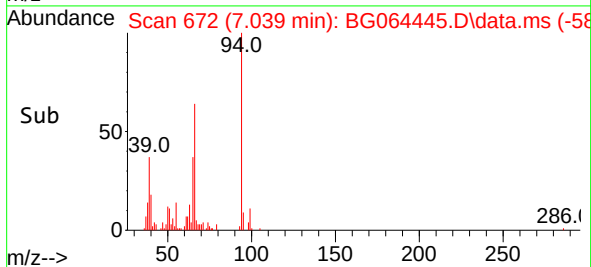
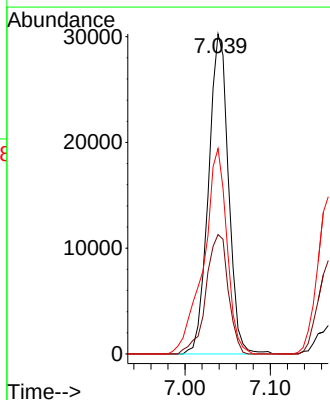
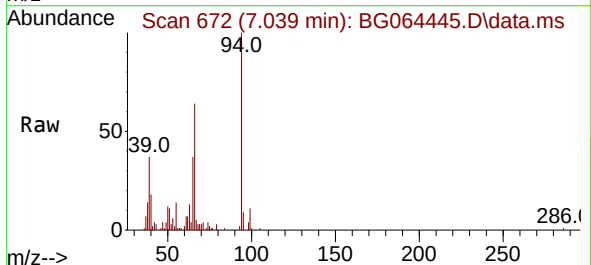
Manual Integrations
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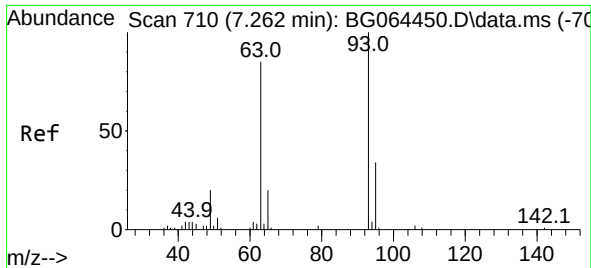
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#10
Phenol
Concen: 40.968 ng
RT: 7.039 min Scan# 672
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 94 Resp: 49251
Ion Ratio Lower Upper
94 100
65 37.3 17.3 57.3
66 64.2 44.2 84.2





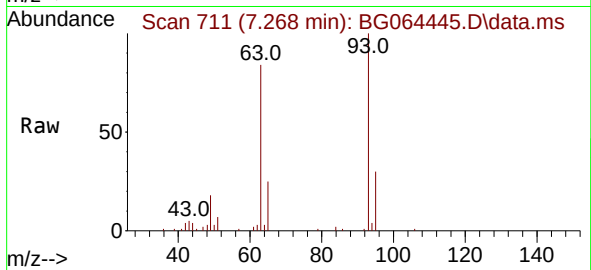
#11
bis(2-Chloroethyl)ether
Concen: 41.223 ng
RT: 7.268 min Scan# 710
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



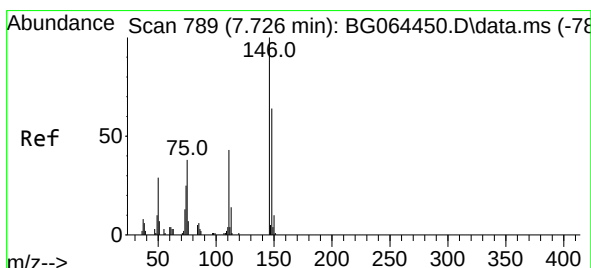
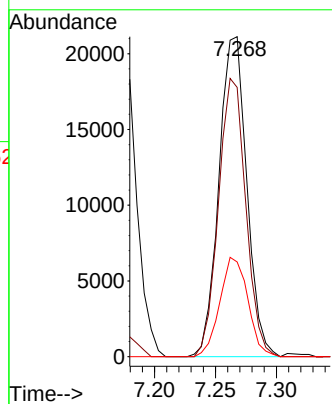
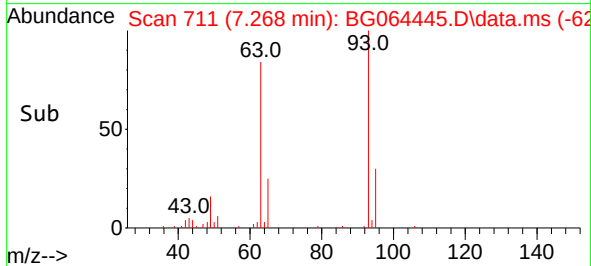
Tgt Ion: 93 Resp: 3357
Ion Ratio Lower Upper
93 100
63 84.2 64.2 104.2
95 29.6 9.6 49.6

Manual Integrations

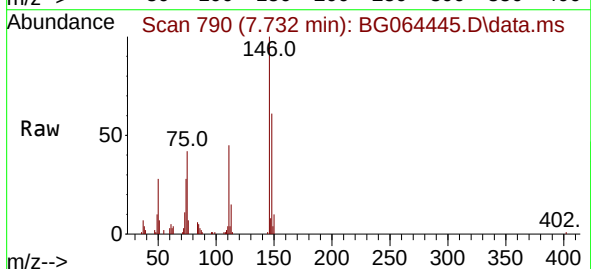
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

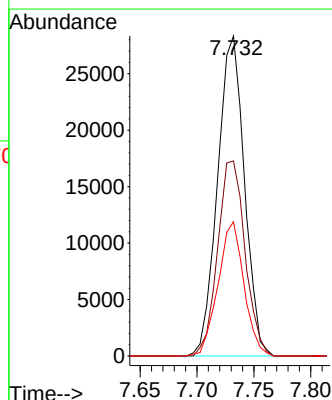
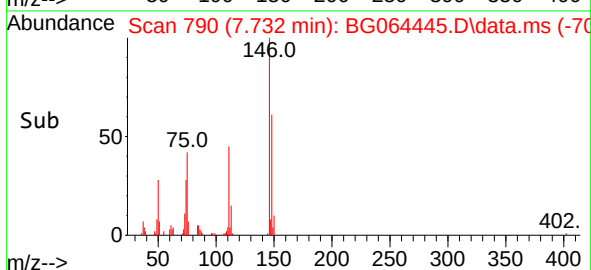
Supervised By :Jagrut Upadhyay 10/03/2025

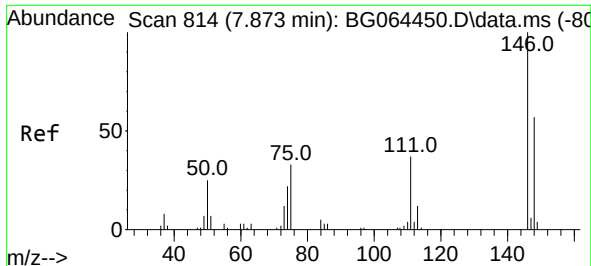


#12
1,3-Dichlorobenzene
Concen: 40.998 ng
RT: 7.732 min Scan# 790
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41



Tgt Ion:146 Resp: 46506
Ion Ratio Lower Upper
146 100
148 60.9 48.7 73.1
75 41.9 33.5 50.3





#13

1,4-Dichlorobenzene

Concen: 39.502 ng

RT: 7.873 min Scan# 814

Delta R.T. 0.000 min

Lab File: BG064445.D

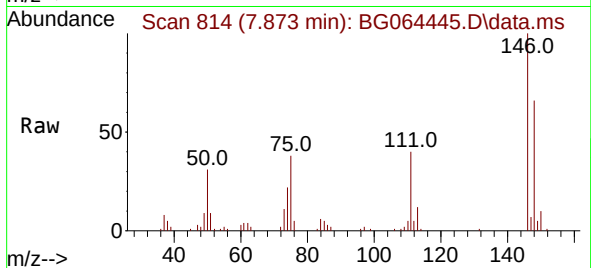
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:146 Resp: 46194

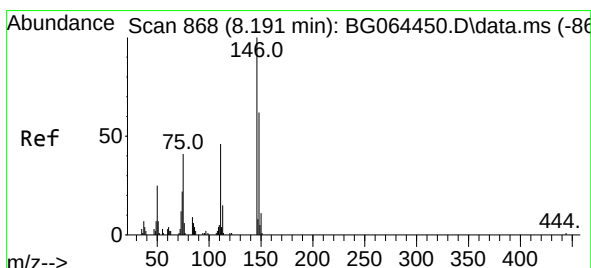
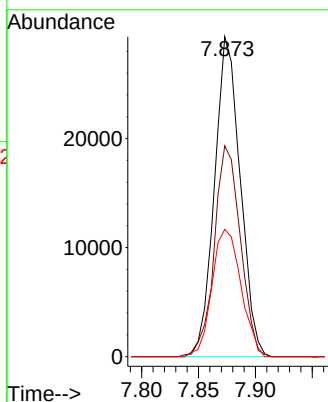
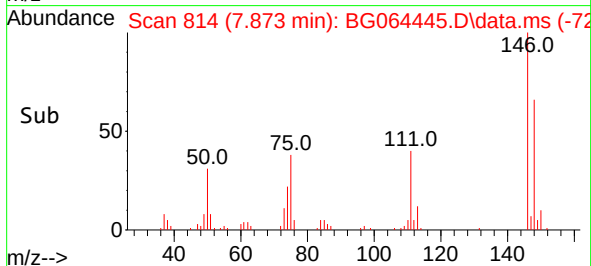
Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.7	79.1
111	39.8	31.8	47.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

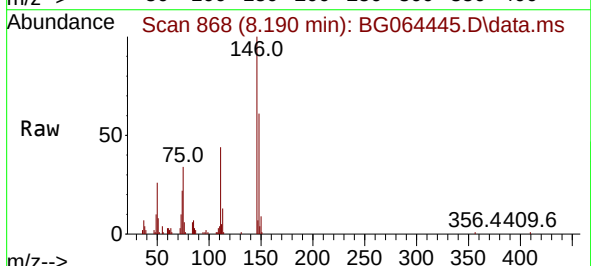
Concen: 41.525 ng

RT: 8.190 min Scan# 868

Delta R.T. 0.000 min

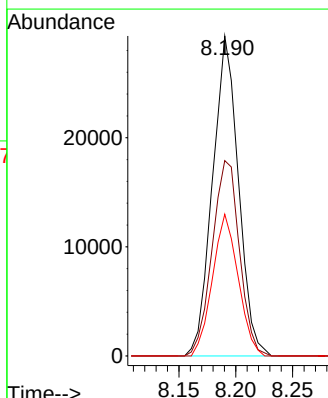
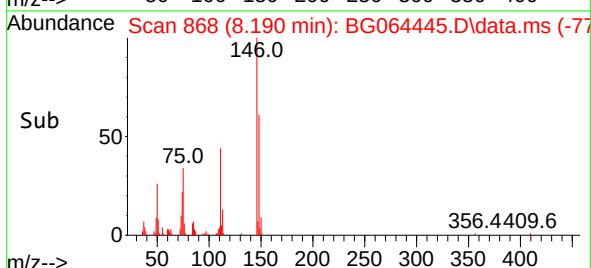
Lab File: BG064445.D

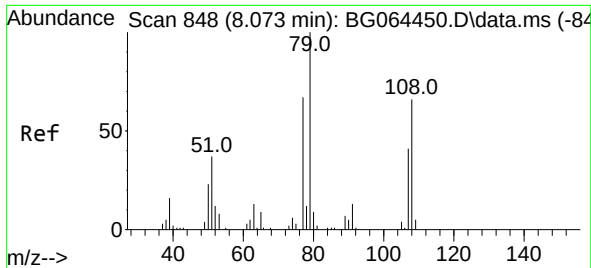
Acq: 25 Sep 2025 14:41



Tgt Ion:146 Resp: 46455

Ion	Ratio	Lower	Upper
146	100		
148	61.1	48.9	73.3
111	44.3	35.4	53.2





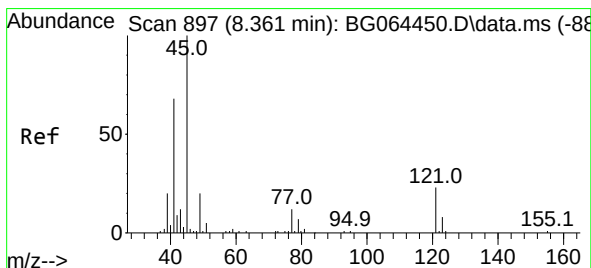
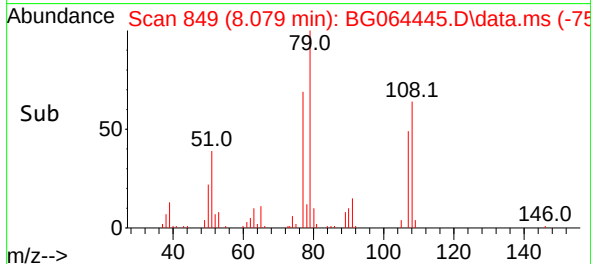
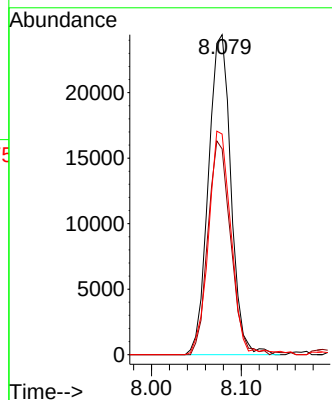
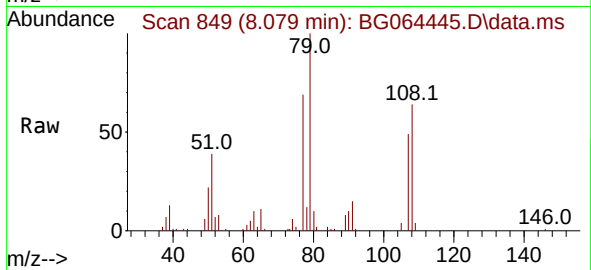
#15
Benzyl Alcohol
Concen: 40.264 ng
RT: 8.079 min Scan# 848
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 4250
Ion Ratio Lower Upper
79 100
108 64.3 51.4 77.2
77 68.9 55.1 82.7

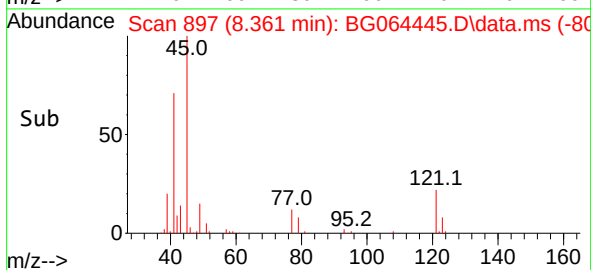
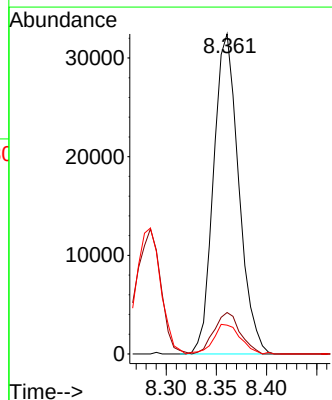
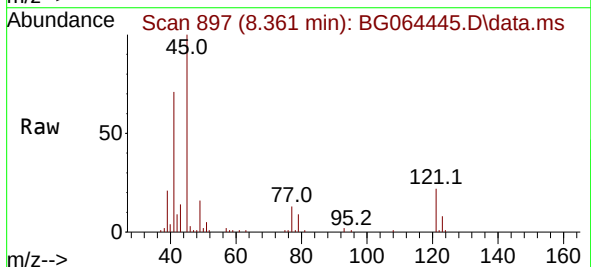
Manual Integrations
APPROVED

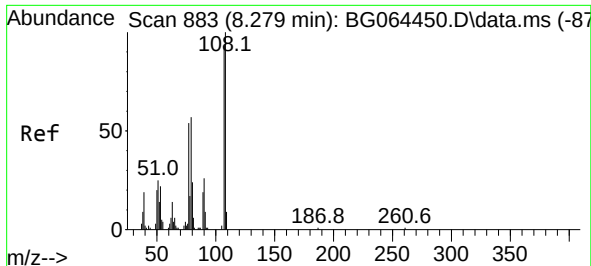
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.664 ng
RT: 8.361 min Scan# 897
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 45 Resp: 56545
Ion Ratio Lower Upper
45 100
77 13.0 0.0 33.0
79 9.0 0.0 29.0





#17

2-Methylphenol

Concen: 41.722 ng

RT: 8.278 min Scan# 883

Delta R.T. 0.000 min

Lab File: BG064445.D

Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

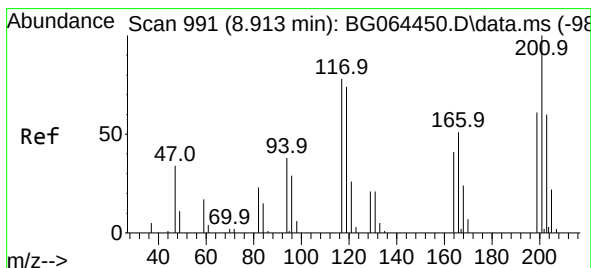
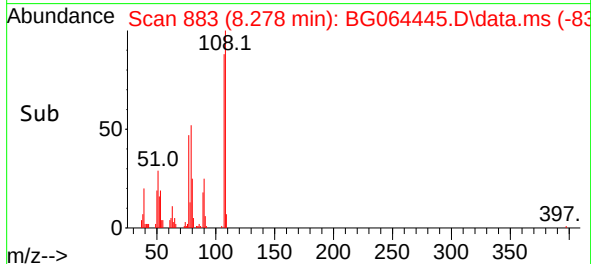
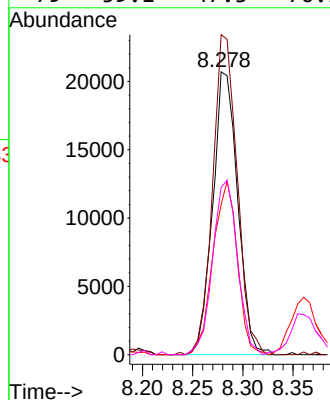
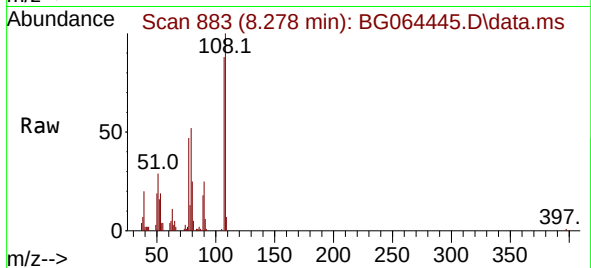
Tgt Ion:	107	Resp:	3575
Ion Ratio	Lower	Upper	
107	100		
108	113.1	90.5	135.7
77	53.0	42.4	63.6
79	59.1	47.3	70.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#18

Hexachloroethane

Concen: 40.222 ng

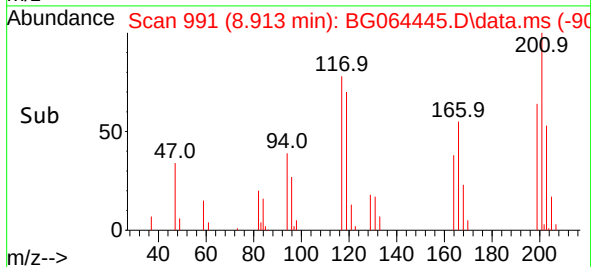
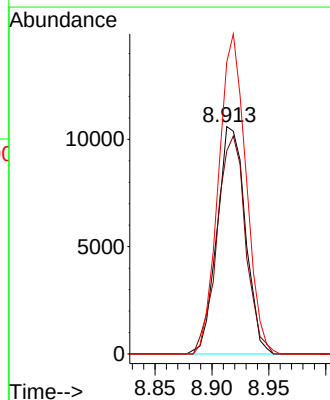
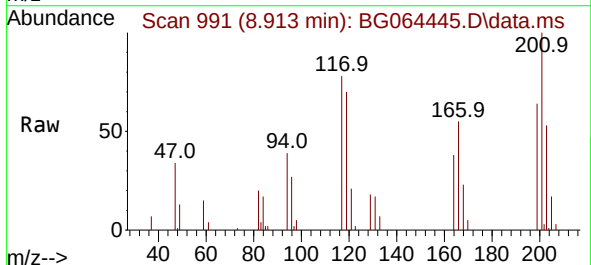
RT: 8.913 min Scan# 991

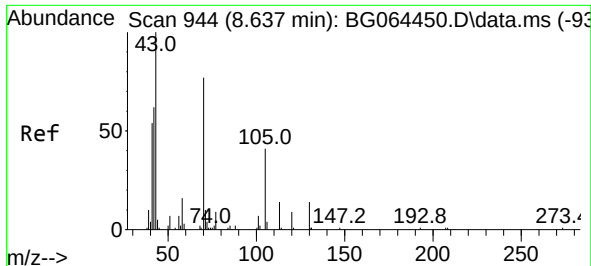
Delta R.T. 0.000 min

Lab File: BG064445.D

Acq: 25 Sep 2025 14:41

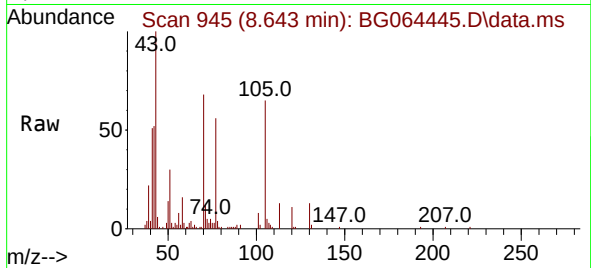
Tgt Ion:	117	Resp:	18330
Ion Ratio	Lower	Upper	
117	100		
119	89.4	71.5	107.3
201	128.4	102.7	154.1





#19
n-Nitroso-di-n-propylamine
Concen: 40.016 ng
RT: 8.643 min Scan# 944
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

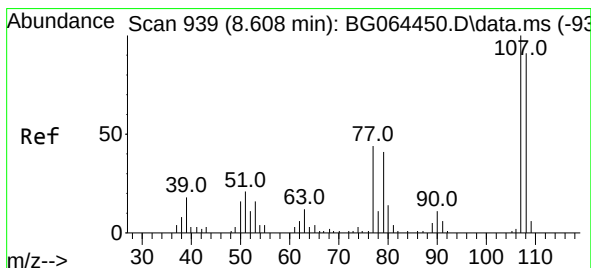
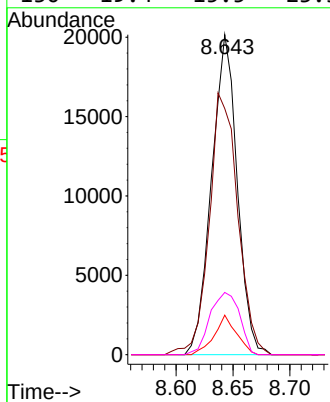
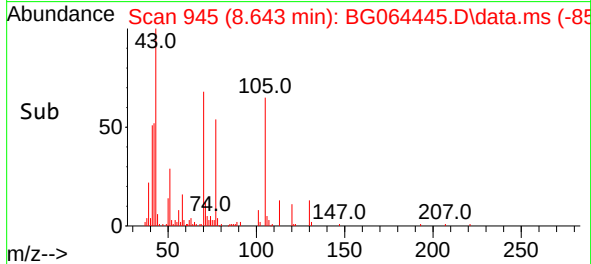
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



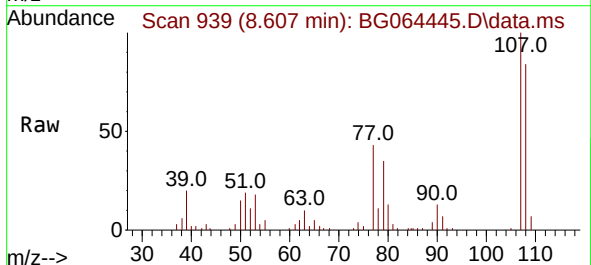
Tgt Ion: 70 Resp: 31592
Ion Ratio Lower Upper
70 100
42 76.9 61.5 92.3
101 12.3 9.8 14.8
130 19.4 15.5 23.3

Manual Integrations
APPROVED

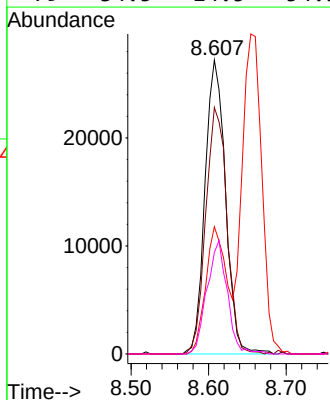
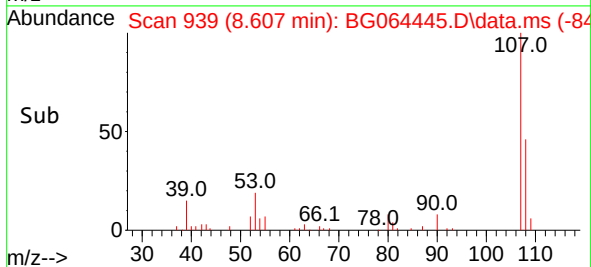
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

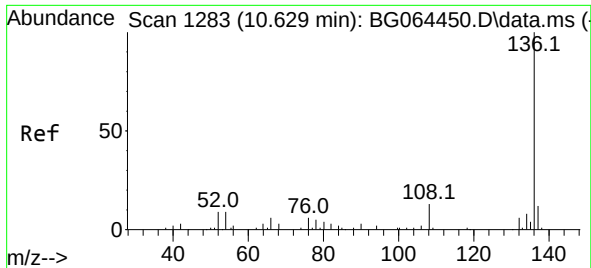


#20
3+4-Methylphenols
Concen: 41.395 ng
RT: 8.607 min Scan# 939
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41



Tgt Ion:107 Resp: 50098
Ion Ratio Lower Upper
107 100
108 83.9 63.9 103.9
77 43.3 23.3 63.3
79 34.5 14.5 54.5





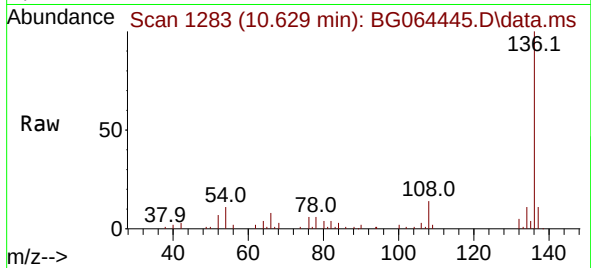
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.629 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



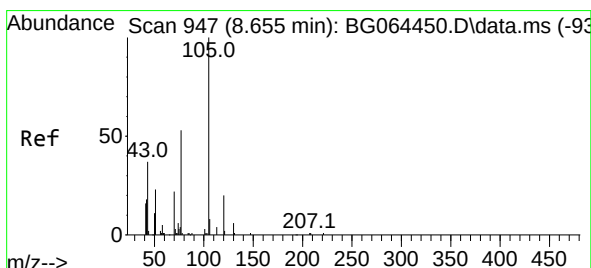
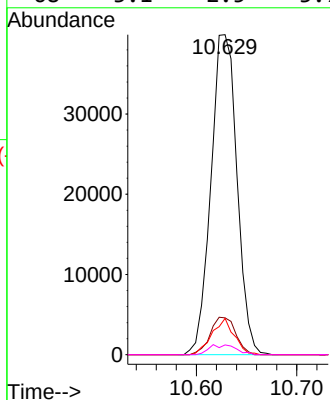
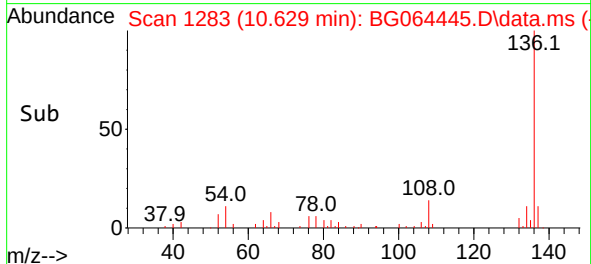
Tgt Ion:136 Resp: 7186
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 11.3 9.0 13.6
68 3.1 2.5 3.7

Manual Integrations

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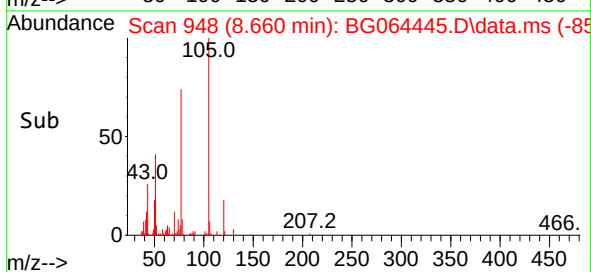
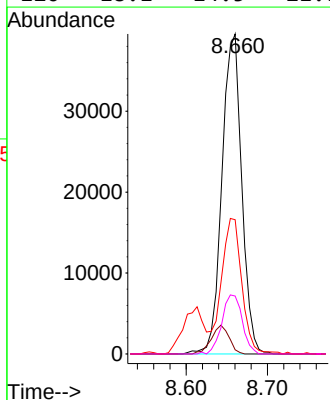
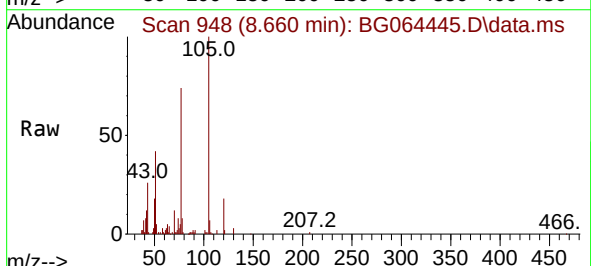
Reviewed By :Rahul Chavli 10/03/2025

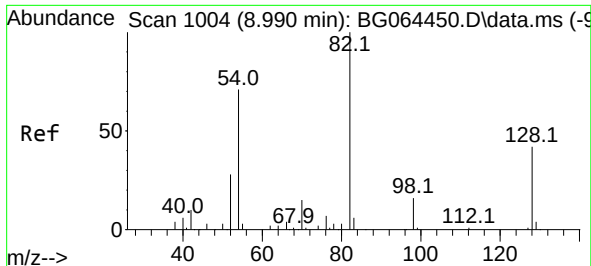
Supervised By :Jagrut Upadhyay 10/03/2025



#22
Acetophenone
Concen: 38.295 ng
RT: 8.660 min Scan# 948
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Tgt Ion:105 Resp: 66945
Ion Ratio Lower Upper
105 100
71 1.3 1.0 1.6
51 42.0 33.6 50.4
120 18.1 14.5 21.7





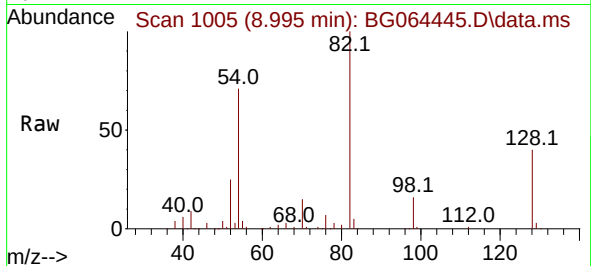
#23
Nitrobenzene-d5
Concen: 77.576 ng
RT: 8.995 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



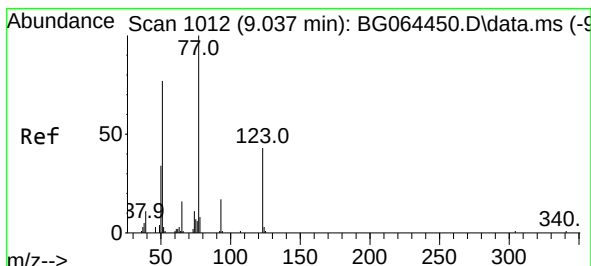
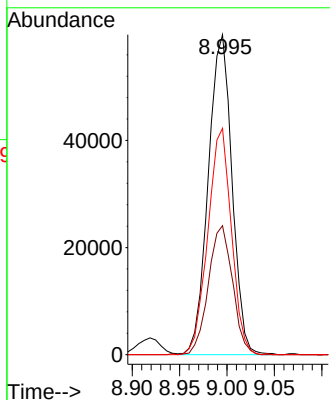
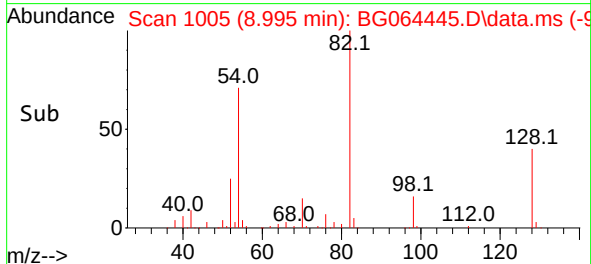
Tgt Ion: 82 Resp: 104010
Ion Ratio Lower Upper
82 100
128 40.3 32.2 48.4
54 70.8 56.6 85.0

Manual Integrations

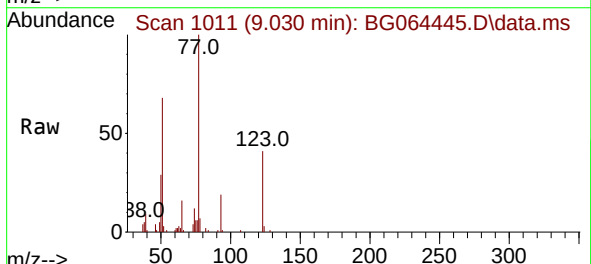
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

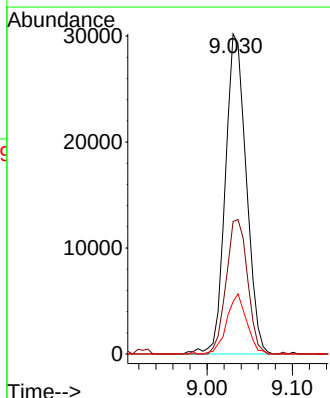
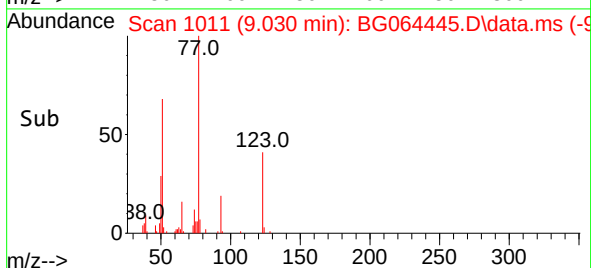
Supervised By :Jagrut Upadhyay 10/03/2025

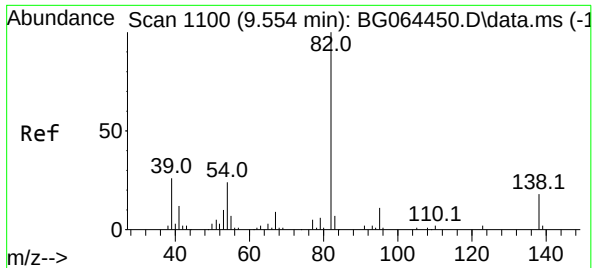


#24
Nitrobenzene
Concen: 39.260 ng
RT: 9.030 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41



Tgt Ion: 77 Resp: 51522
Ion Ratio Lower Upper
77 100
123 41.4 33.1 49.7
65 16.3 13.0 19.6





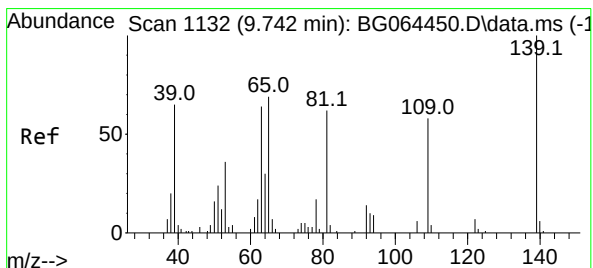
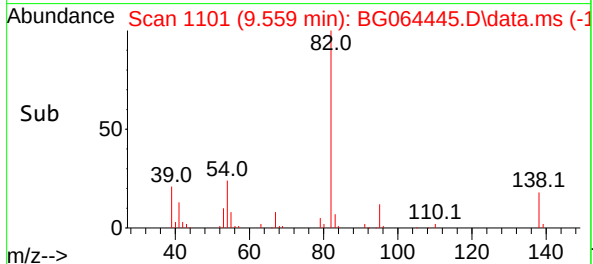
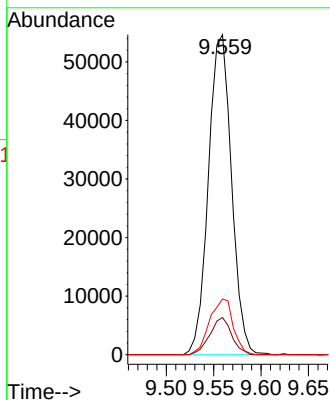
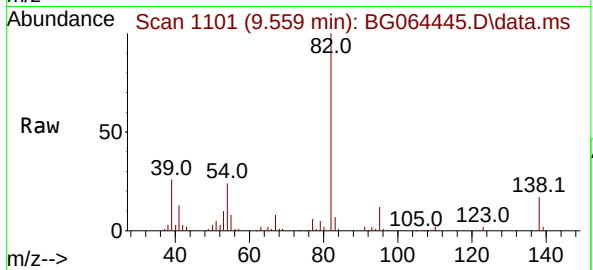
#25
Isophorone
Concen: 37.818 ng
RT: 9.559 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 92759
Ion Ratio Lower Upper
82 100
95 11.6 9.3 13.9
138 17.4 13.9 20.9

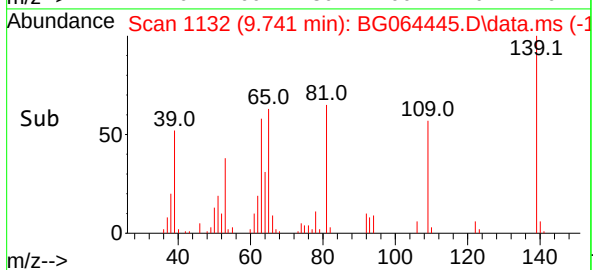
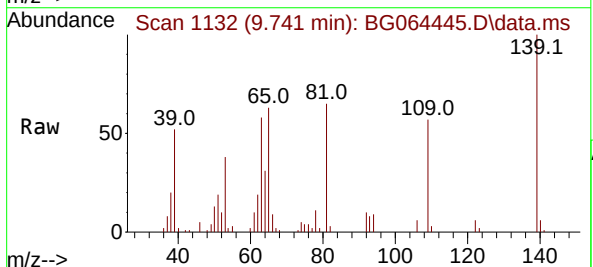
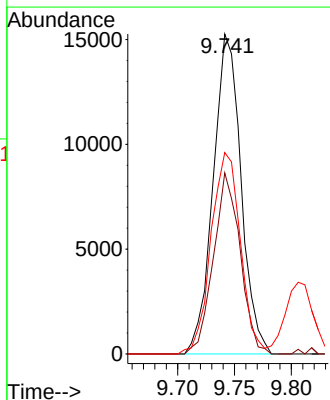
Manual Integrations
APPROVED

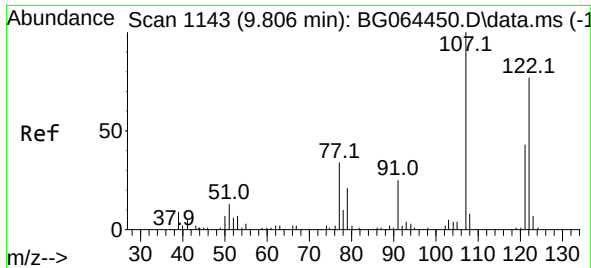
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#26
2-Nitrophenol
Concen: 41.302 ng
RT: 9.741 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Tgt Ion:139 Resp: 25984
Ion Ratio Lower Upper
139 100
109 56.6 45.3 67.9
65 63.0 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 40.504 ng

RT: 9.806 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BG064445.D

Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 3984

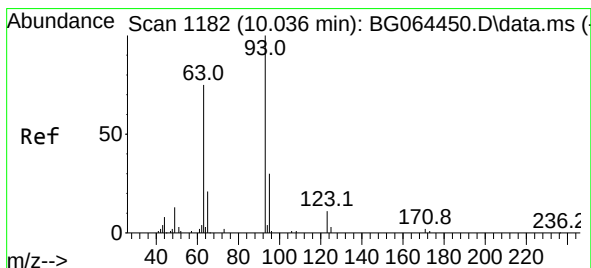
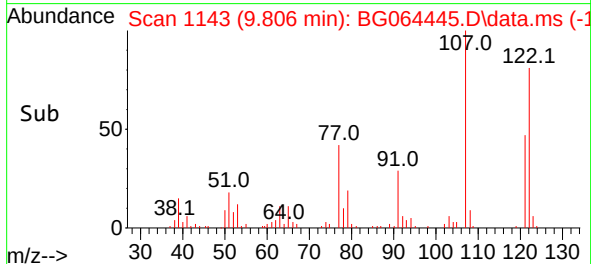
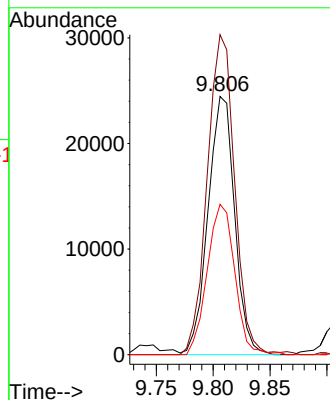
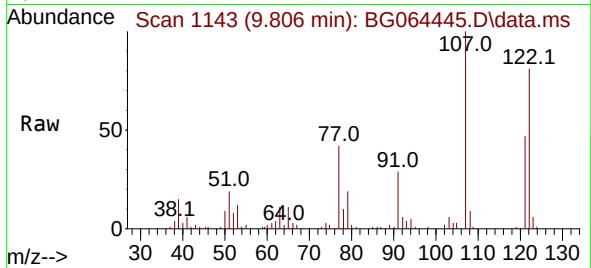
Ion	Ratio	Lower	Upper
122	100		
107	123.9	99.1	148.7
121	58.2	46.6	69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.974 ng

RT: 10.041 min Scan# 1183

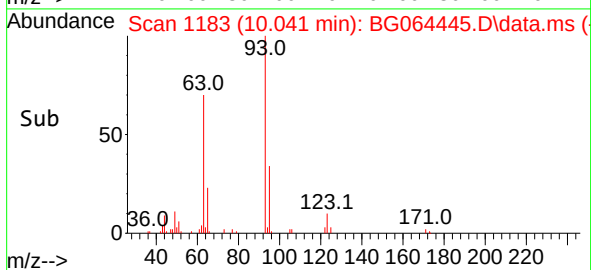
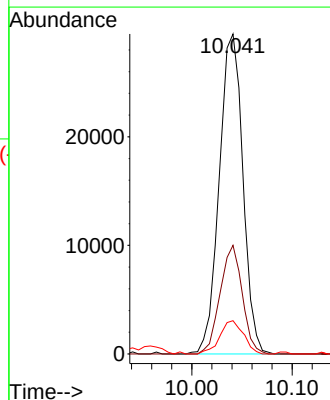
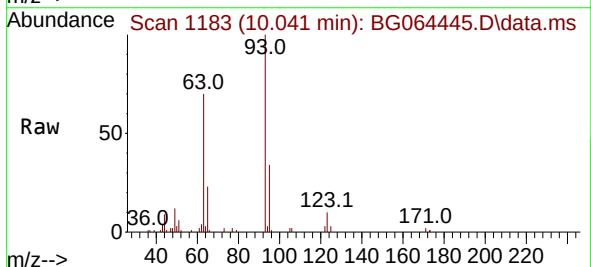
Delta R.T. 0.000 min

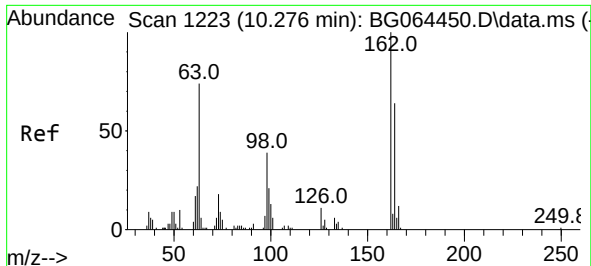
Lab File: BG064445.D

Acq: 25 Sep 2025 14:41

Tgt Ion: 93 Resp: 48191

Ion	Ratio	Lower	Upper
93	100		
95	34.0	27.2	40.8
123	10.4	8.3	12.5





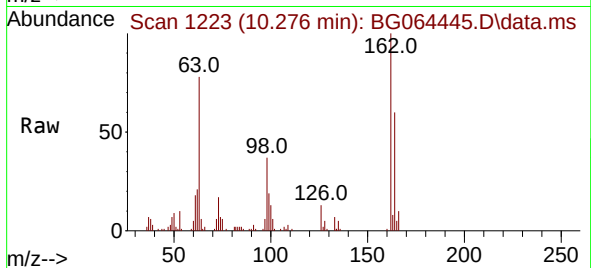
#29
2,4-Dichlorophenol
Concen: 44.077 ng
RT: 10.276 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



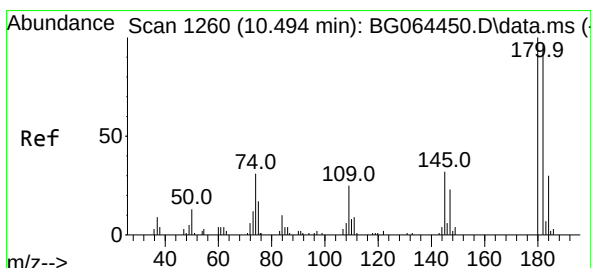
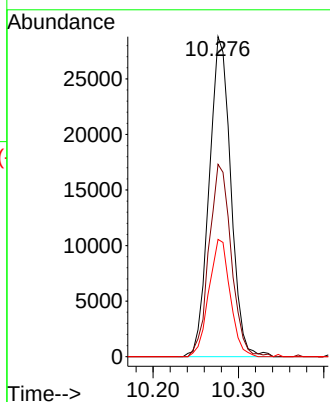
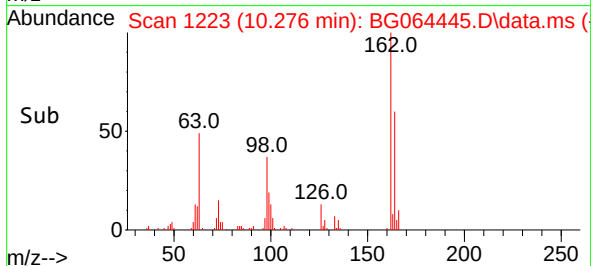
Tgt Ion:162 Resp: 5066
Ion Ratio Lower Upper
162 100
164 60.1 40.1 80.1
98 36.7 16.7 56.7

Manual Integrations

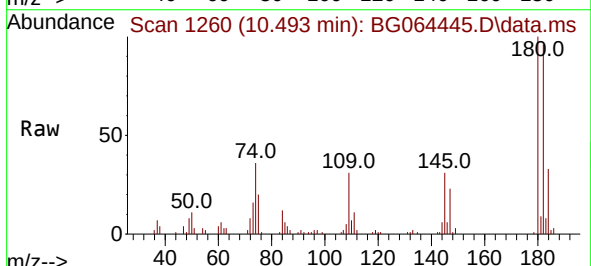
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

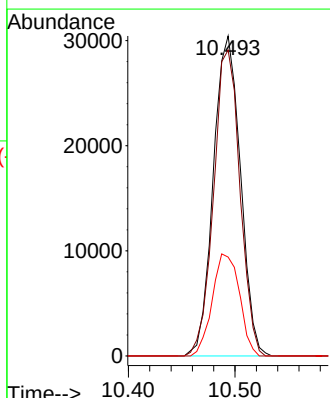
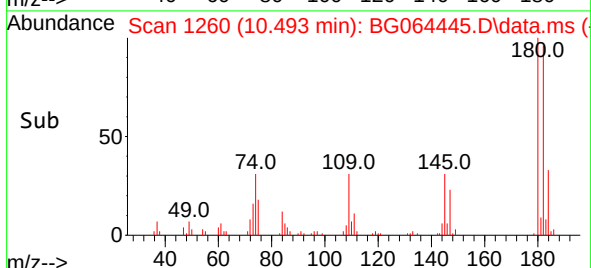
Supervised By :Jagrut Upadhyay 10/03/2025

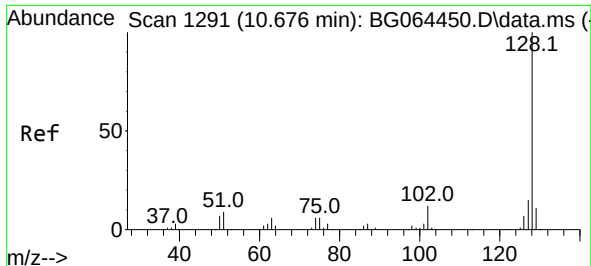


#30
1,2,4-Trichlorobenzene
Concen: 42.639 ng
RT: 10.493 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41



Tgt Ion:180 Resp: 53587
Ion Ratio Lower Upper
180 100
182 95.6 76.5 114.7
145 30.9 24.7 37.1





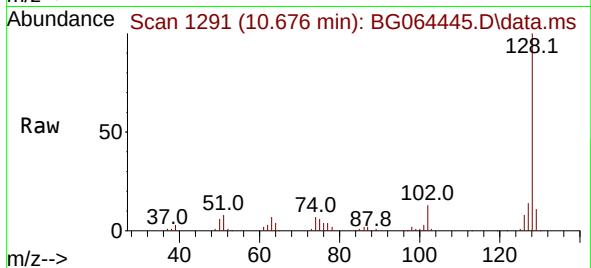
#31
Naphthalene
Concen: 42.321 ng
RT: 10.676 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



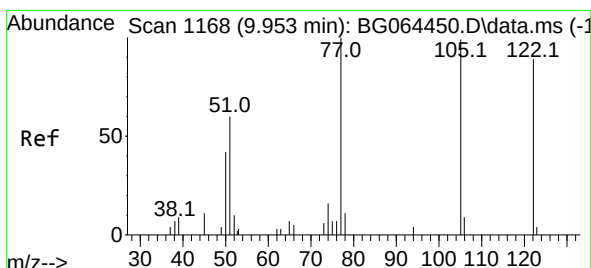
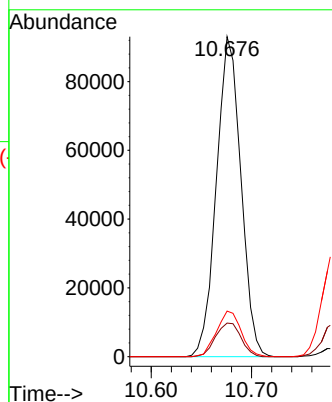
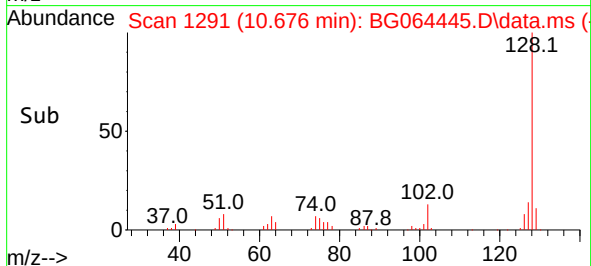
Tgt Ion:128 Resp: 15758
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 14.3 11.4 17.2

Manual Integrations

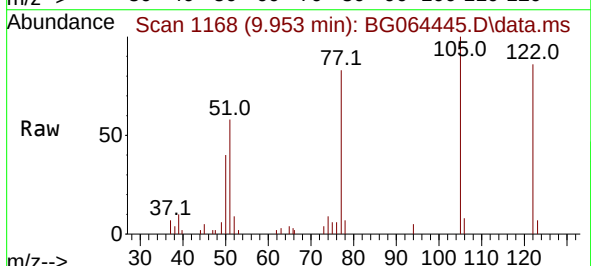
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

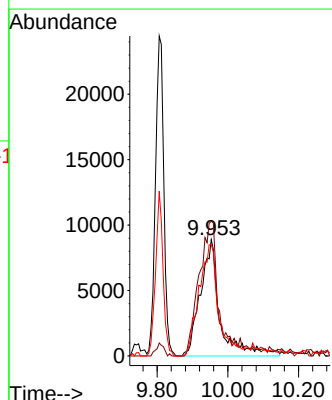
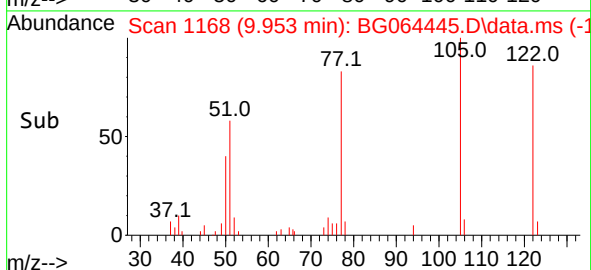
Supervised By :Jagrut Upadhyay 10/03/2025

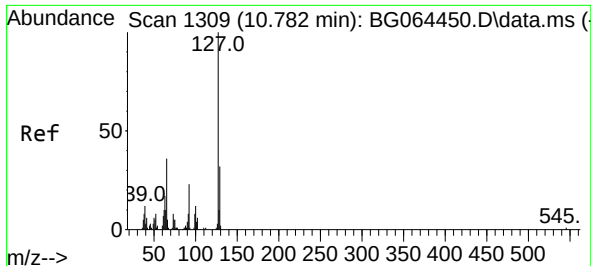


#32
Benzoic acid
Concen: 43.152 ng m
RT: 9.953 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41



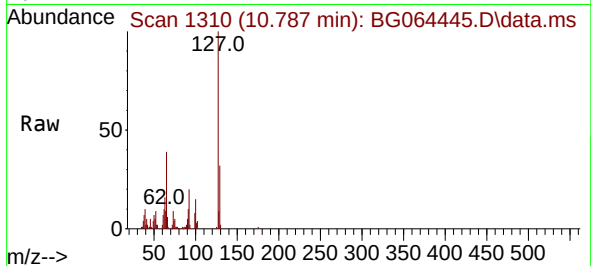
Tgt Ion:122 Resp: 34198
Ion Ratio Lower Upper
122 100
105 115.8 95.8 135.8
77 95.8 75.8 115.8





#33
4-Chloroaniline
Concen: 44.719 ng
RT: 10.787 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

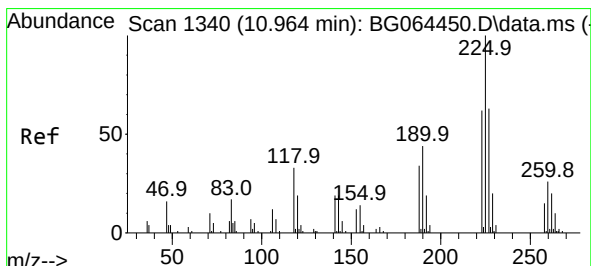
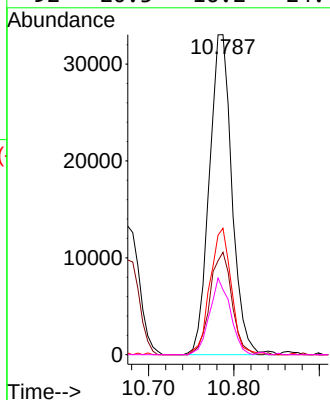
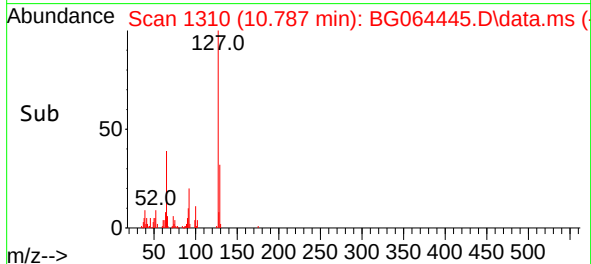
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



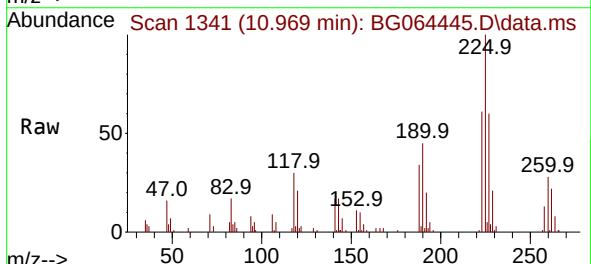
Tgt Ion:127 Resp: 60948
Ion Ratio Lower Upper
127 100
129 32.0 25.6 38.4
65 39.5 31.6 47.4
92 20.3 16.2 24.4

Manual Integrations
APPROVED

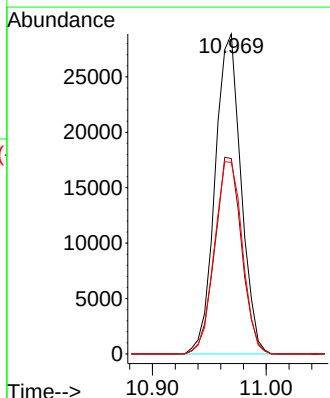
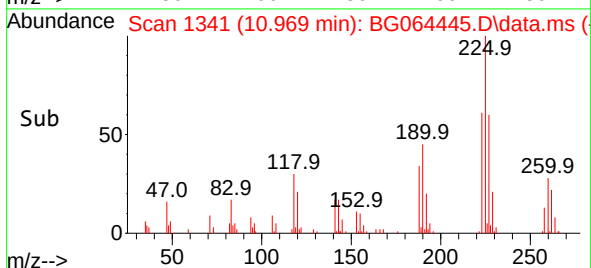
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

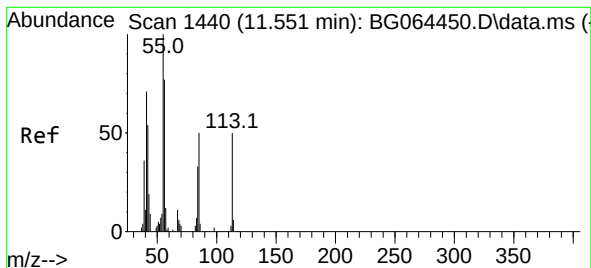


#34
Hexachlorobutadiene
Concen: 43.594 ng
RT: 10.969 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41



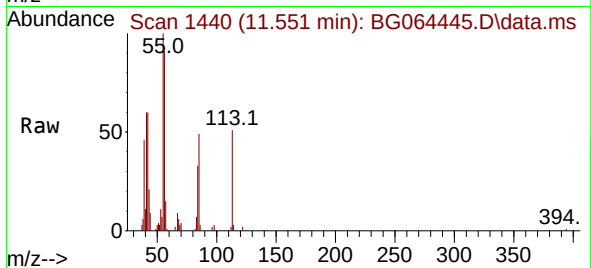
Tgt Ion:225 Resp: 45732
Ion Ratio Lower Upper
225 100
223 61.0 48.8 73.2
227 59.9 47.9 71.9





#35
Caprolactam
Concen: 42.083 ng
RT: 11.551 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

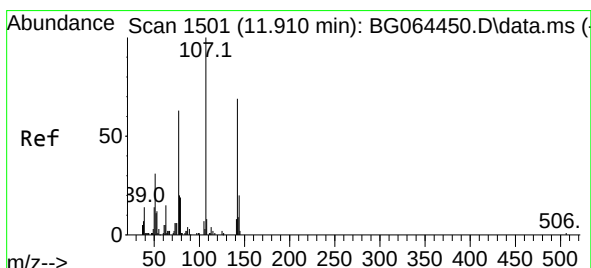
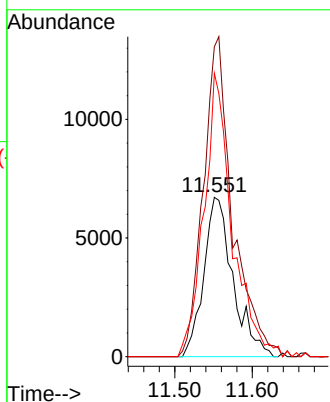
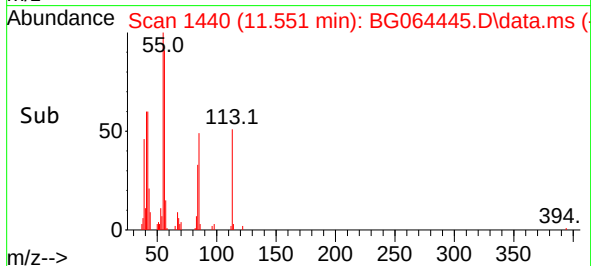
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 1759
Ion Ratio Lower Upper
113 100
55 194.4 174.4 214.4
56 177.8 157.8 197.8

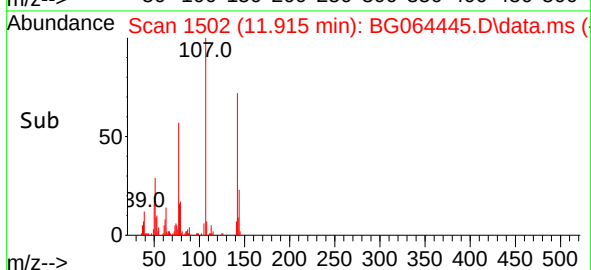
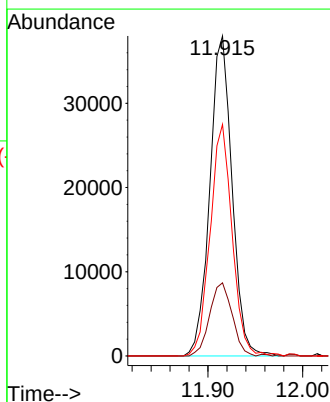
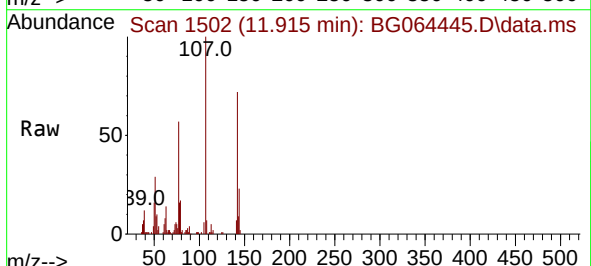
Manual Integrations
APPROVED

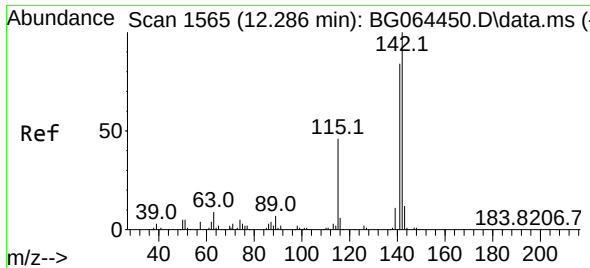
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#36
4-Chloro-3-methylphenol
Concen: 42.877 ng
RT: 11.915 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Tgt Ion:107 Resp: 61801
Ion Ratio Lower Upper
107 100
144 22.9 18.3 27.5
142 72.3 57.8 86.8





#37
2-Methylnaphthalene
Concen: 43.277 ng
RT: 12.285 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

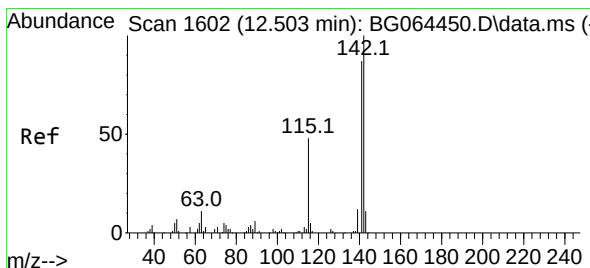
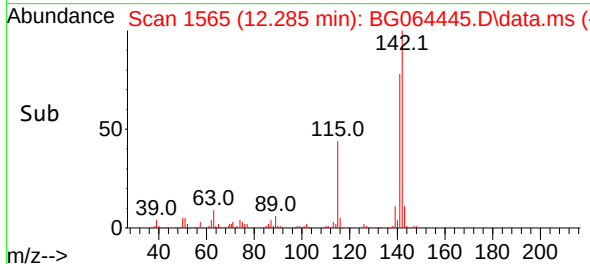
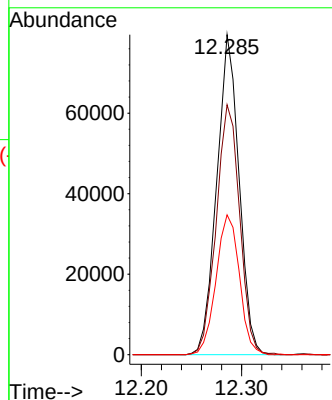
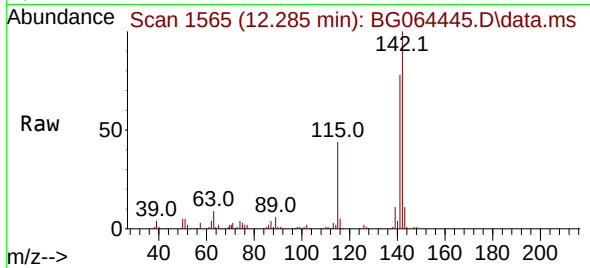
Tgt Ion:142 Resp: 12254
Ion Ratio Lower Upper
142 100
141 78.1 62.5 93.7
115 43.7 35.0 52.4

Manual Integrations

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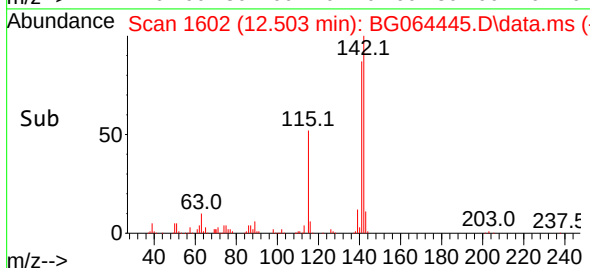
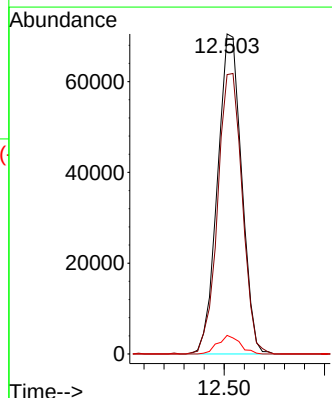
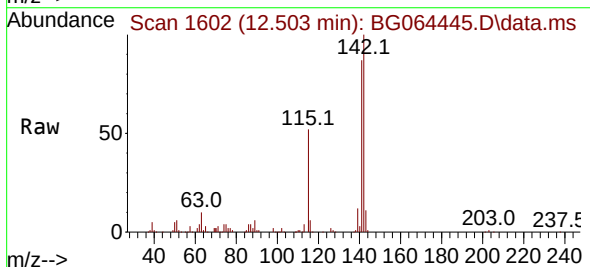
Reviewed By :Rahul Chavli 10/03/2025

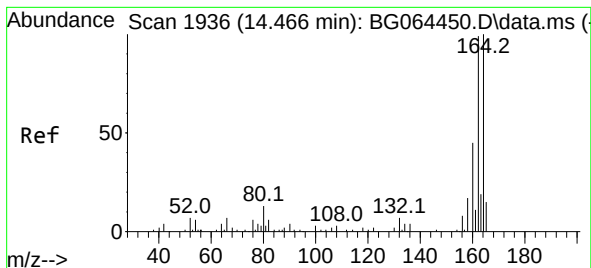
Supervised By :Jagrut Upadhyay 10/03/2025



#38
1-Methylnaphthalene
Concen: 42.966 ng
RT: 12.503 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Tgt Ion:142 Resp: 117413
Ion Ratio Lower Upper
142 100
141 87.3 69.8 104.8
116 5.8 4.6 7.0





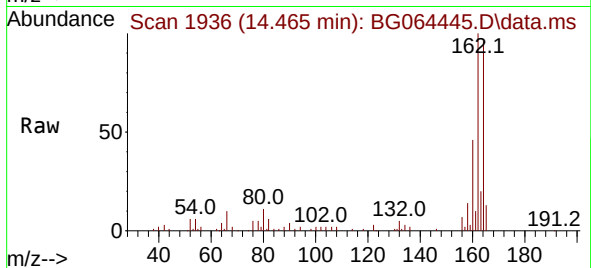
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.465 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



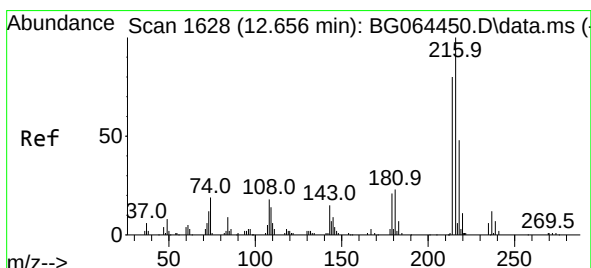
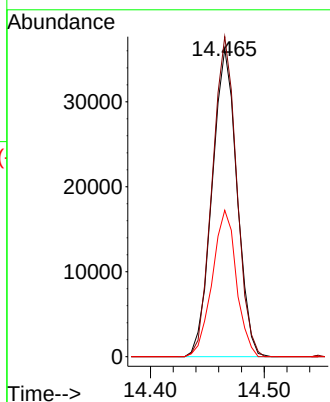
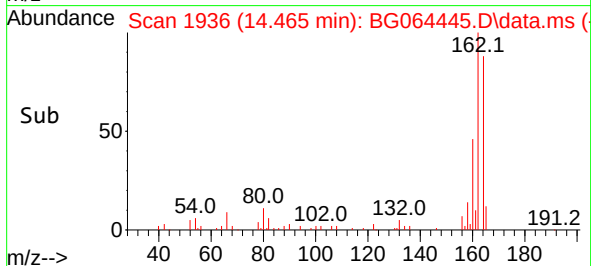
Tgt Ion:164 Resp: 5490
Ion Ratio Lower Upper
164 100
162 104.0 83.2 124.8
160 47.6 38.1 57.1

Manual Integrations

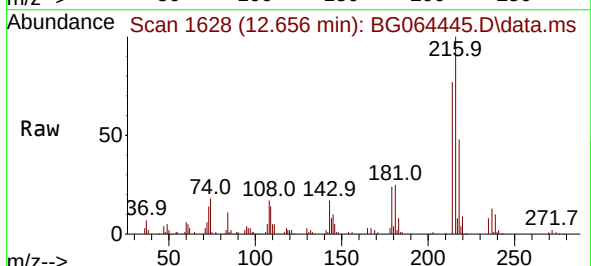
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

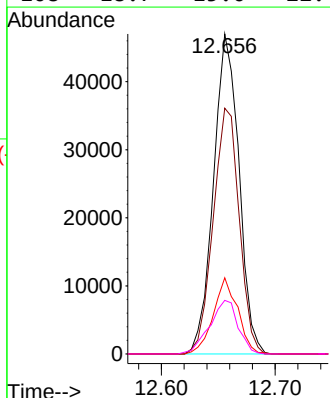
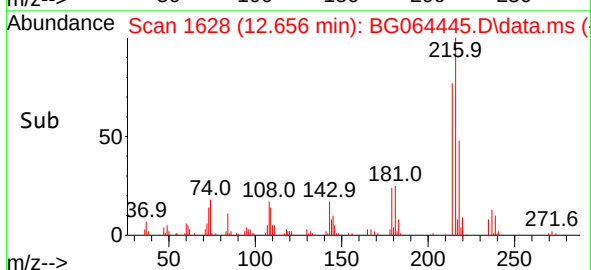
Supervised By :Jagrut Upadhyay 10/03/2025

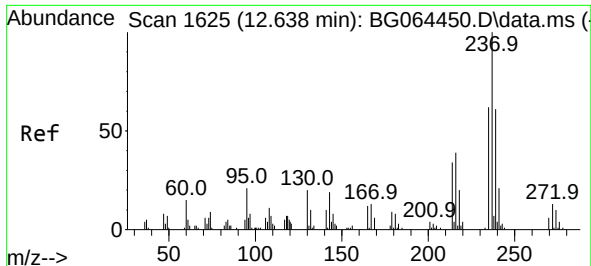


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.783 ng
RT: 12.656 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41



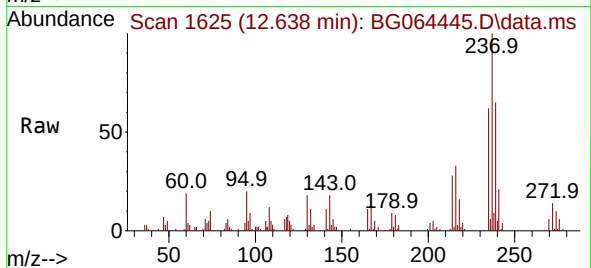
Tgt Ion:216 Resp: 73031
Ion Ratio Lower Upper
216 100
214 78.4 62.7 94.1
179 22.8 18.2 27.4
108 18.7 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 42.970 ng
RT: 12.638 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

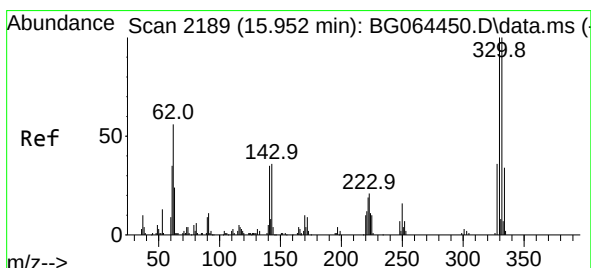
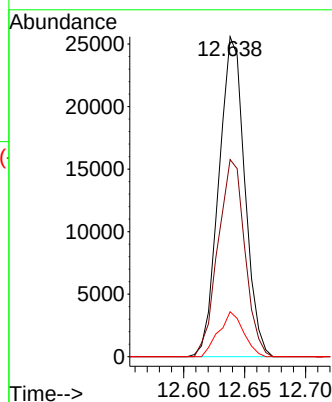
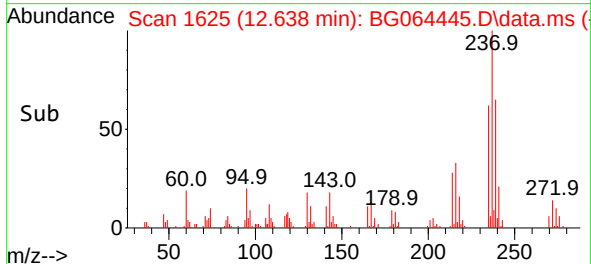
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 237 Resp: 3786
Ion Ratio Lower Upper
237 100
235 61.6 41.6 81.6
272 14.0 0.0 34.0

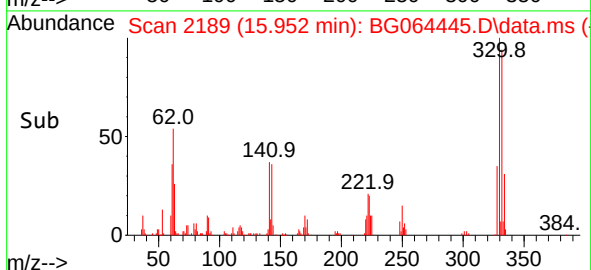
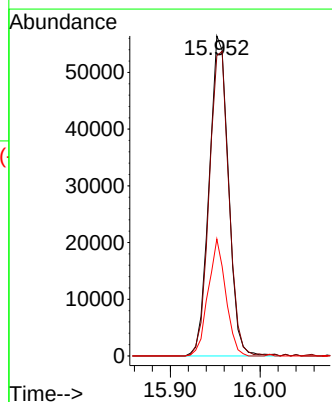
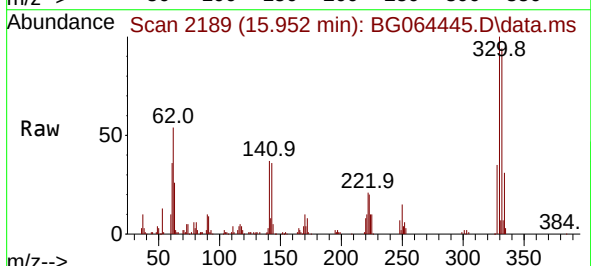
Manual Integrations
APPROVED

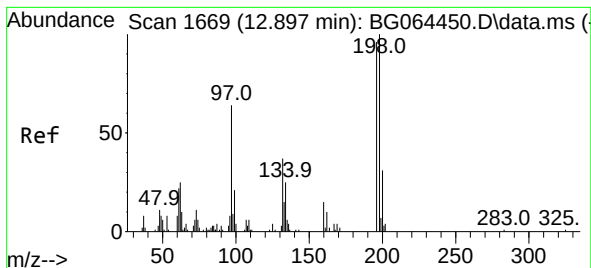
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#42
2,4,6-Tribromophenol
Concen: 86.888 ng
RT: 15.952 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 330 Resp: 84245
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 33.3 26.6 40.0





#43

2,4,6-Trichlorophenol

Concen: 43.105 ng

RT: 12.897 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BG064445.D

Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

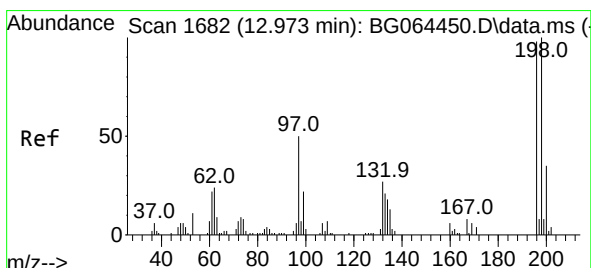
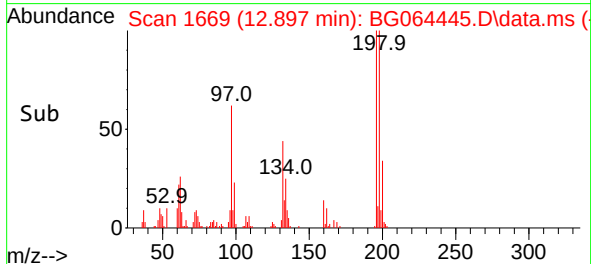
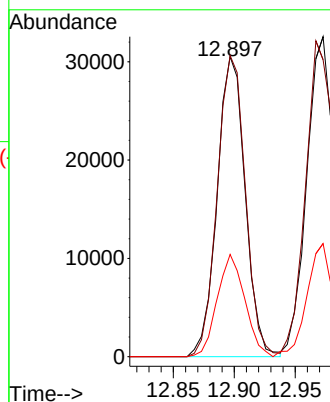
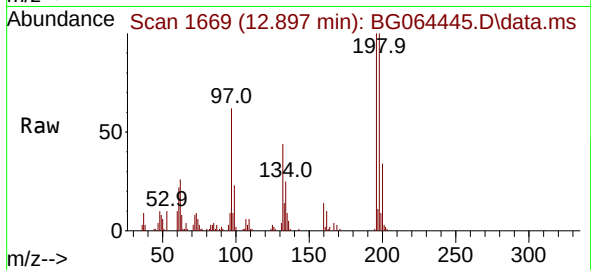
Tgt Ion:196	Resp:	4886
Ion Ratio	Lower	Upper
196	100	
198	100.4	80.3 120.5
200	34.1	27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#44

2,4,5-Trichlorophenol

Concen: 42.793 ng

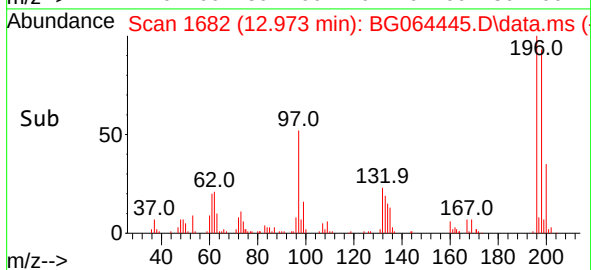
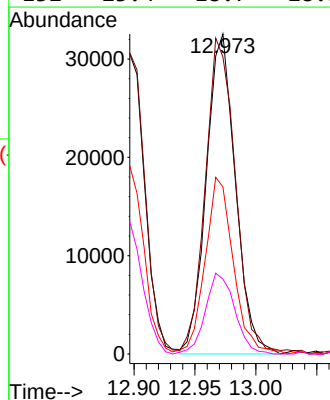
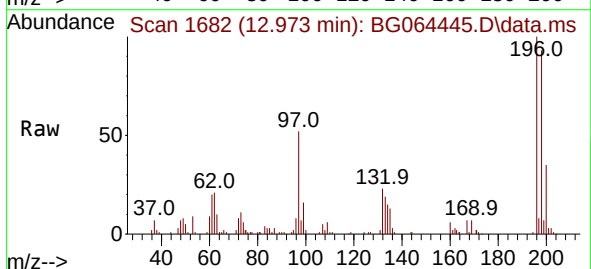
RT: 12.973 min Scan# 1682

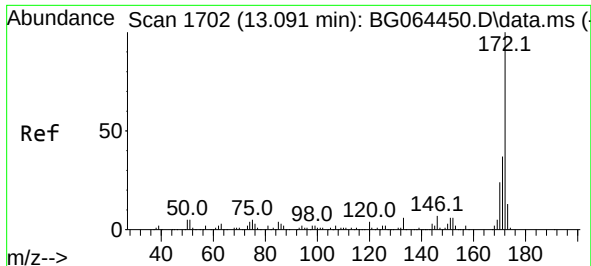
Delta R.T. 0.000 min

Lab File: BG064445.D

Acq: 25 Sep 2025 14:41

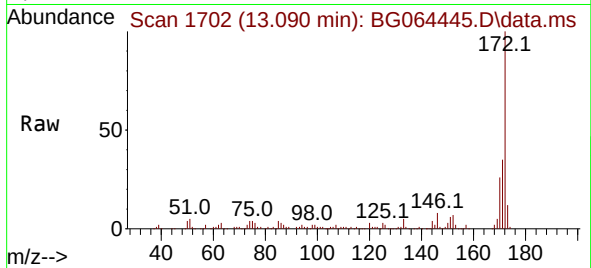
Tgt Ion:196	Resp:	54103
Ion Ratio	Lower	Upper
196	100	
198	92.8	74.2 111.4
97	52.2	41.8 62.6
132	23.4	18.7 28.1





#45
2-Fluorobiphenyl
Concen: 84.018 ng
RT: 13.090 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

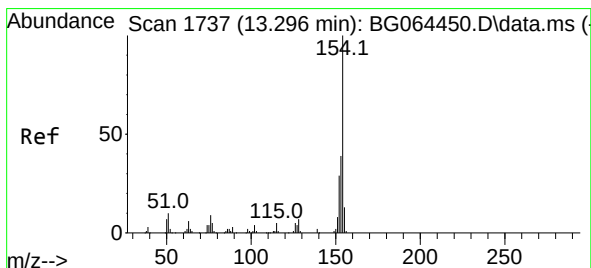
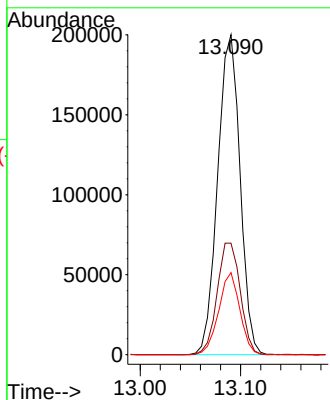
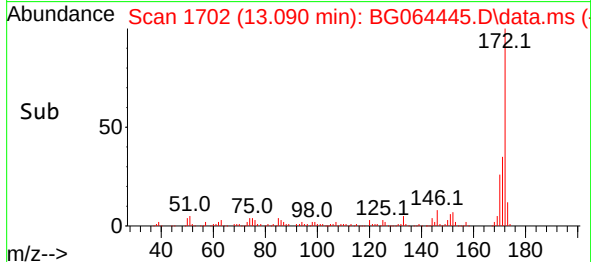
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



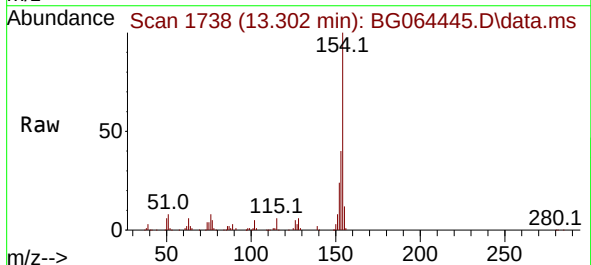
Tgt Ion:172 Resp: 30942
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 25.6 20.5 30.7

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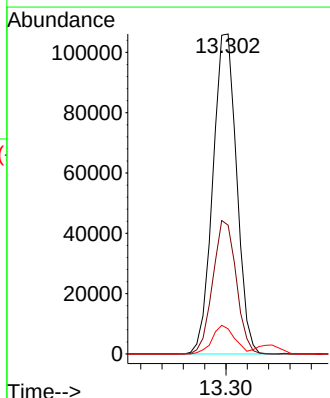
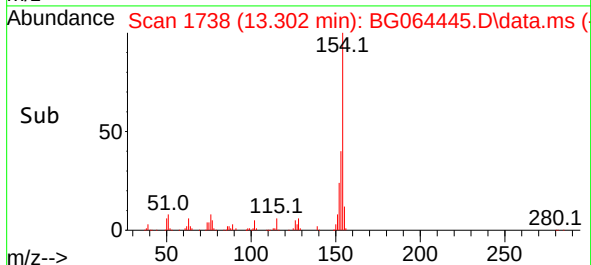
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

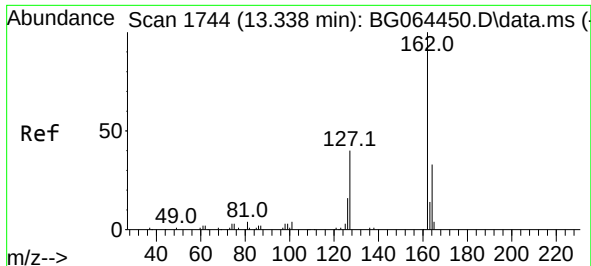


#46
1,1'-Biphenyl
Concen: 41.888 ng
RT: 13.302 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41



Tgt Ion:154 Resp: 163982
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 7.9 0.0 27.9





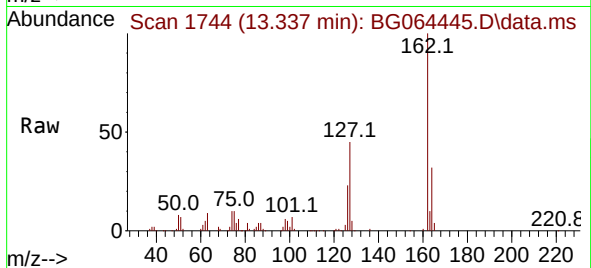
#47
2-Chloronaphthalene
Concen: 41.580 ng
RT: 13.337 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



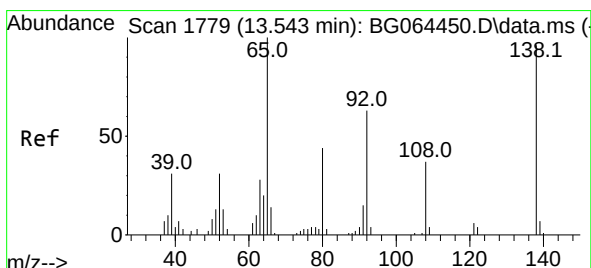
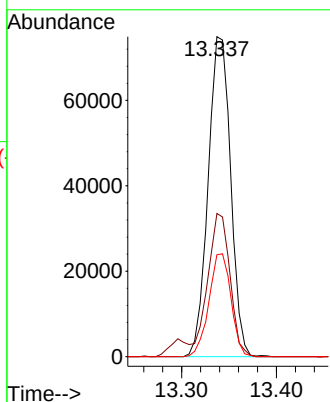
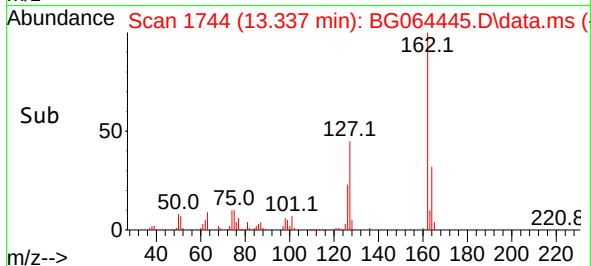
Tgt Ion:162 Resp: 123730
Ion Ratio Lower Upper
162 100
127 44.7 35.8 53.6
164 31.9 25.5 38.3

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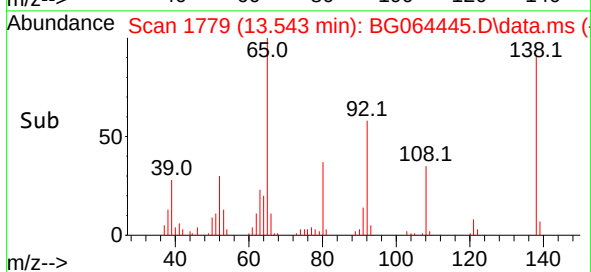
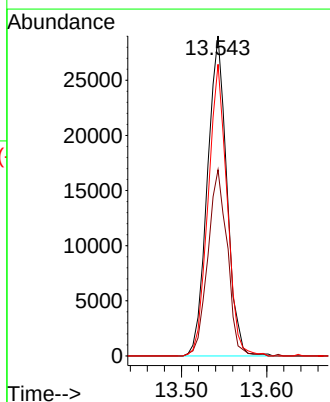
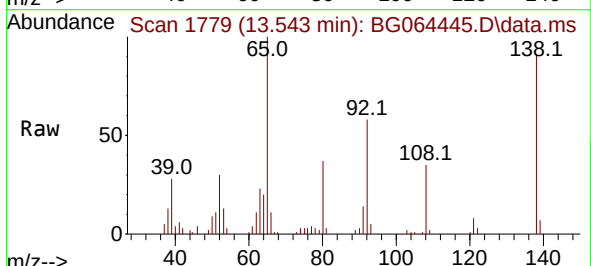
Reviewed By :Rahul Chavli 10/03/2025

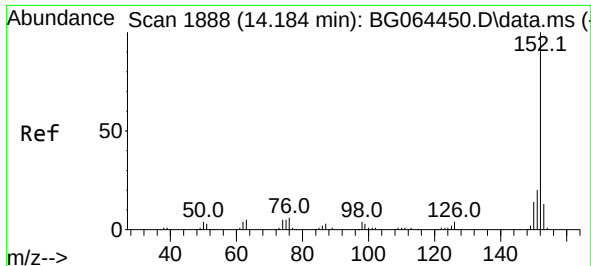
Supervised By :Jagrut Upadhyay 10/03/2025



#48
2-Nitroaniline
Concen: 44.416 ng
RT: 13.543 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 65 Resp: 46084
Ion Ratio Lower Upper
65 100
92 58.2 46.6 69.8
138 91.2 73.0 109.4





#49

Acenaphthylene

Concen: 41.580 ng

RT: 14.183 min Scan# 1888

Delta R.T. 0.000 min

Lab File: BG064445.D

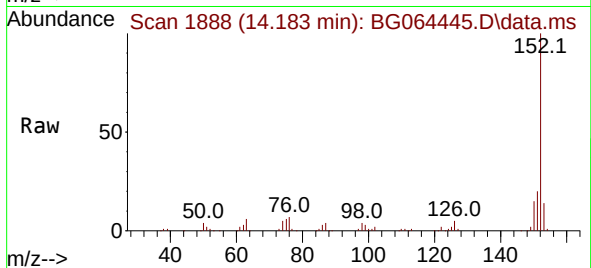
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



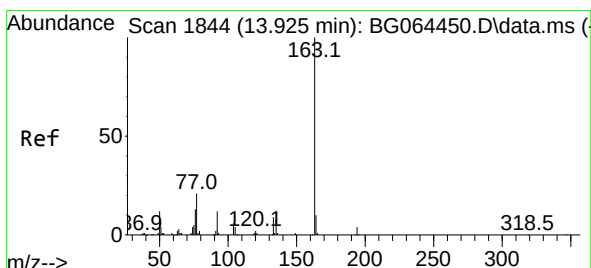
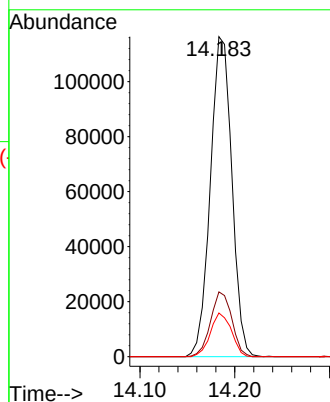
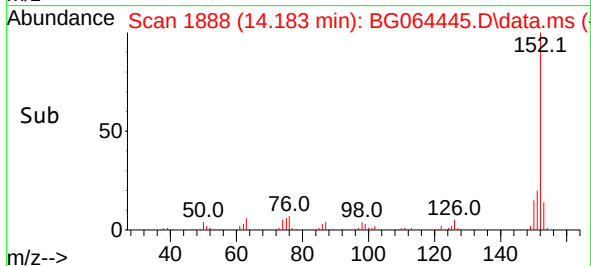
Tgt Ion:152	Resp: 183618
Ion Ratio	Lower Upper
152	100
151	20.2 16.2 24.2
153	13.6 10.9 16.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

Concen: 41.869 ng

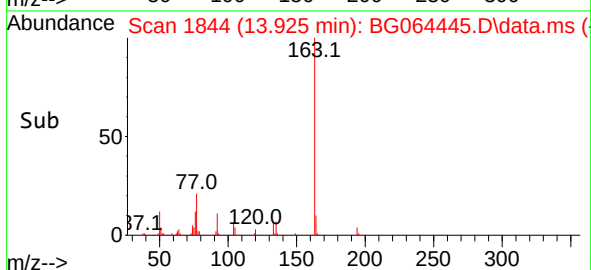
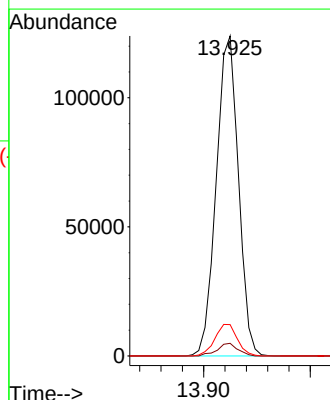
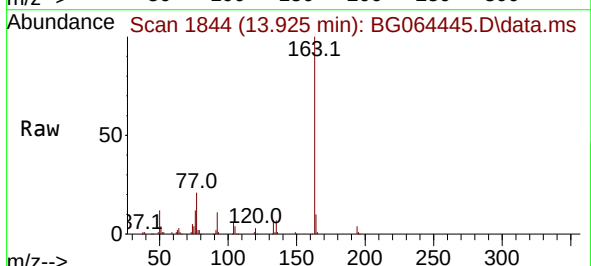
RT: 13.925 min Scan# 1844

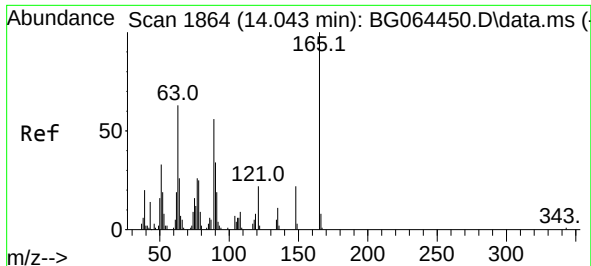
Delta R.T. 0.000 min

Lab File: BG064445.D

Acq: 25 Sep 2025 14:41

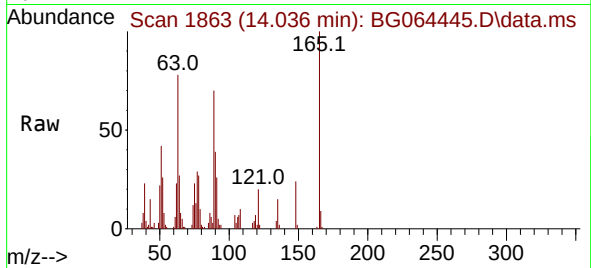
Tgt Ion:163	Resp: 178451
Ion Ratio	Lower Upper
163	100
194	4.0 3.2 4.8
164	9.8 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 43.357 ng
RT: 14.036 min Scan# 1863
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

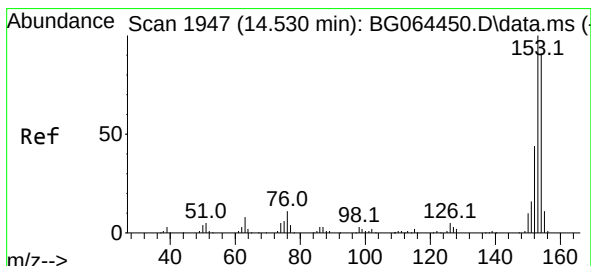
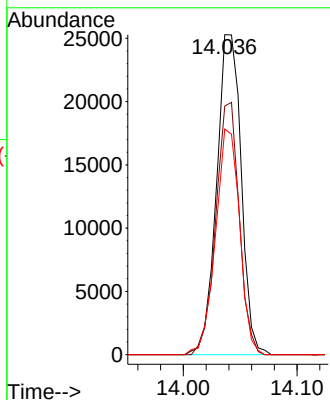
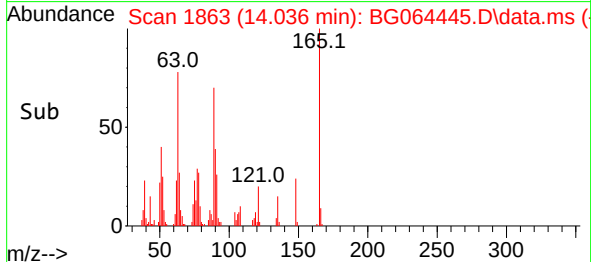
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



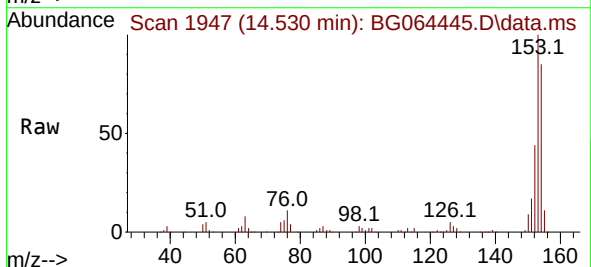
Tgt Ion:165 Resp: 37900
Ion Ratio Lower Upper
165 100
63 77.7 62.2 93.2
89 70.5 56.4 84.6

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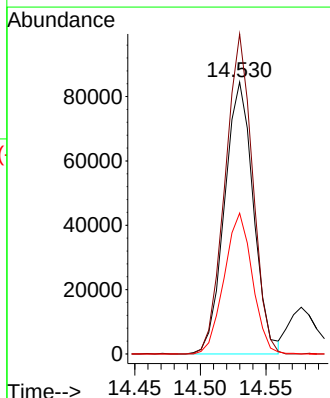
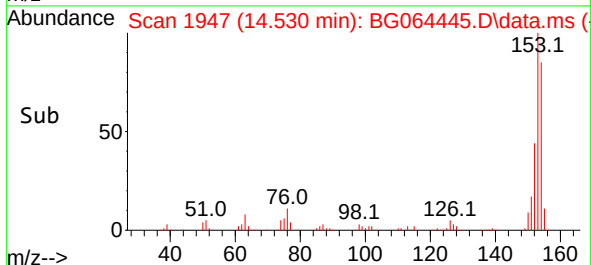
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

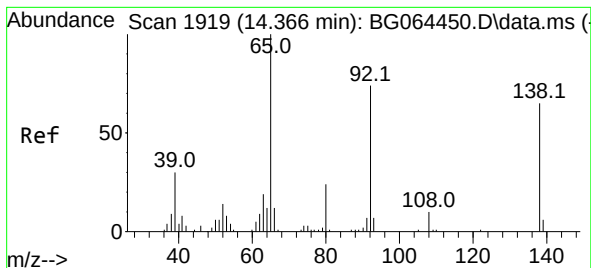


#52
Acenaphthene
Concen: 42.644 ng
RT: 14.530 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41



Tgt Ion:154 Resp: 129577
Ion Ratio Lower Upper
154 100
153 117.7 94.2 141.2
152 51.8 41.4 62.2





#53
3-Nitroaniline
Concen: 42.806 ng
RT: 14.371 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

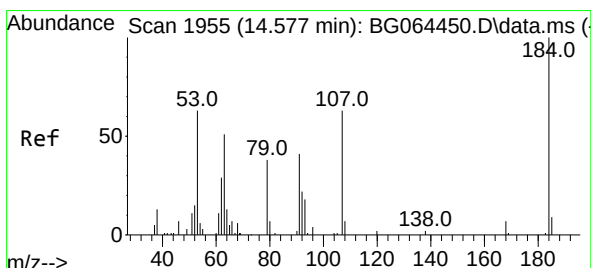
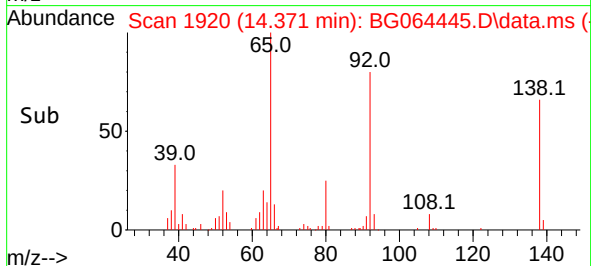
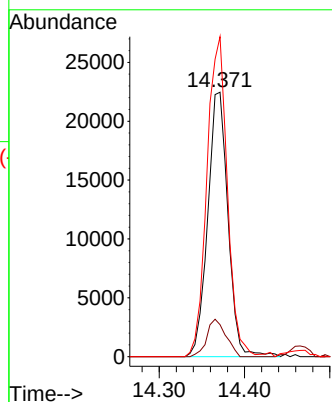
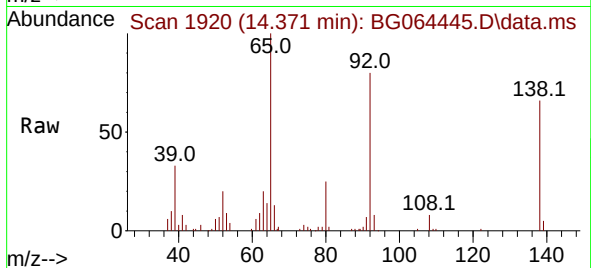
SSTDCCC040

Tgt Ion:138 Resp: 3718
Ion Ratio Lower Upper
138 100
108 12.1 9.7 14.5
92 121.0 96.8 145.2

Manual Integrations

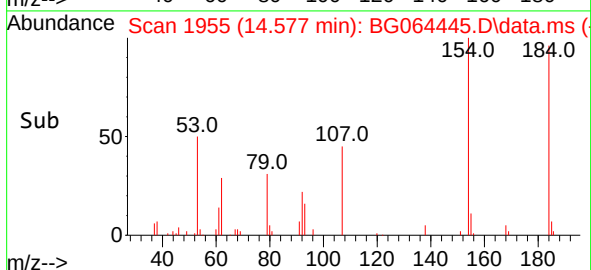
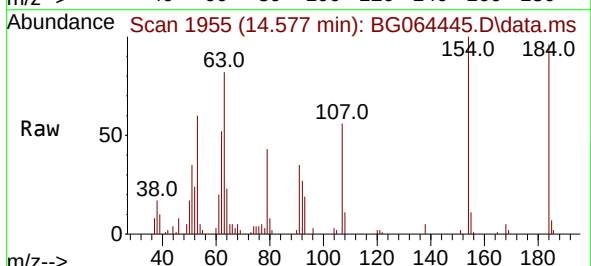
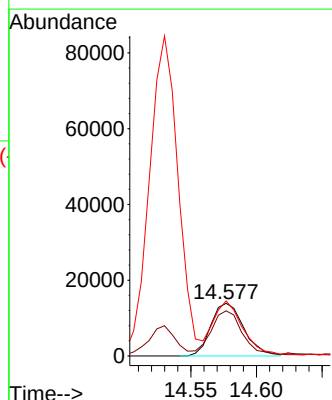
APPROVED

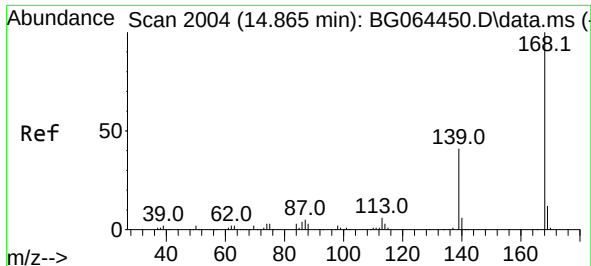
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#54
2,4-Dinitrophenol
Concen: 42.506 ng
RT: 14.577 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Tgt Ion:184 Resp: 24250
Ion Ratio Lower Upper
184 100
63 85.6 68.5 102.7
154 104.6 83.7 125.5





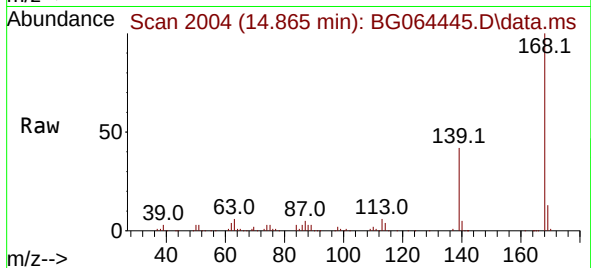
#55
Dibenzofuran
Concen: 42.793 ng
RT: 14.865 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



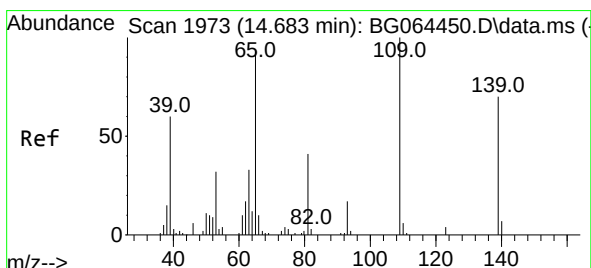
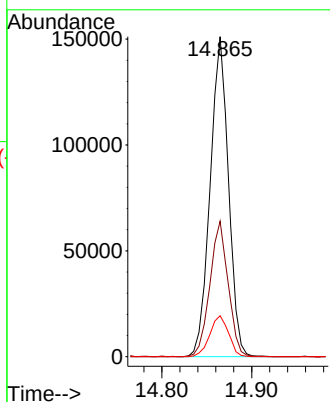
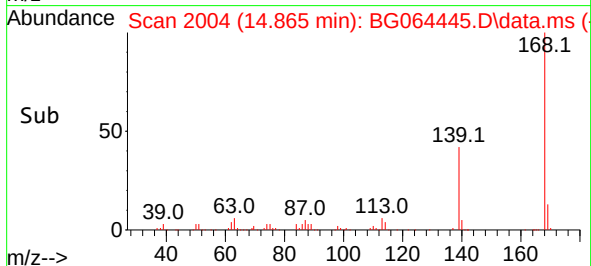
Tgt Ion:168 Resp: 21380
Ion Ratio Lower Upper
168 100
139 42.4 33.9 50.9
169 12.8 10.2 15.4

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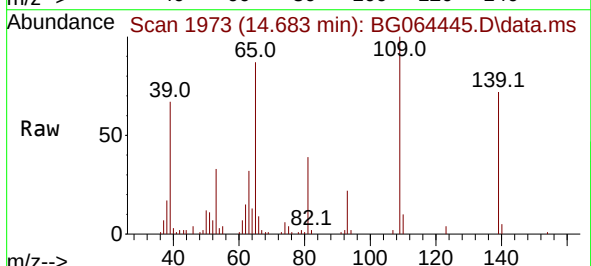
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

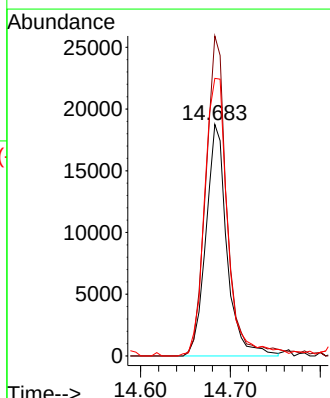
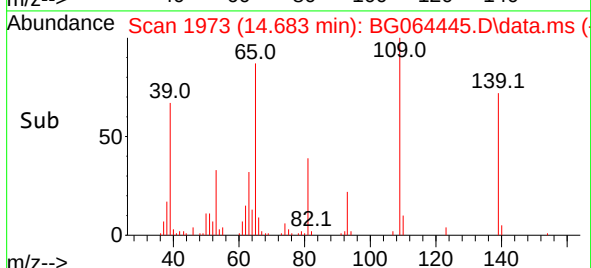
Supervised By :Jagrut Upadhyay 10/03/2025

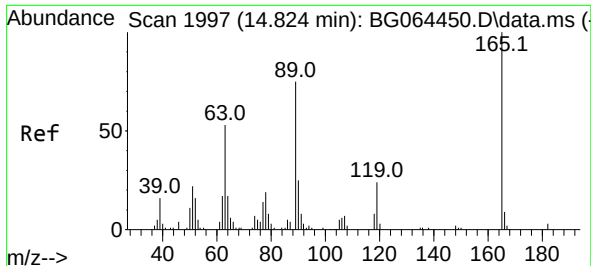


#56
4-Nitrophenol
Concen: 42.249 ng
RT: 14.683 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41



Tgt Ion:139 Resp: 30338
Ion Ratio Lower Upper
139 100
109 138.2 118.2 158.2
65 119.9 99.9 139.9





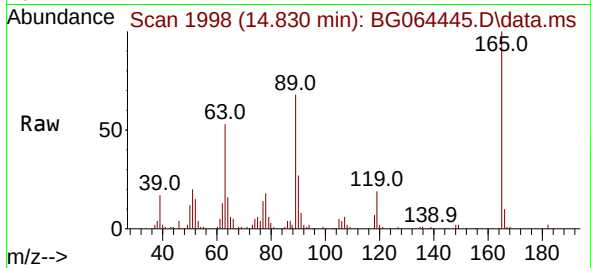
#57
2,4-Dinitrotoluene
Concen: 43.217 ng
RT: 14.830 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



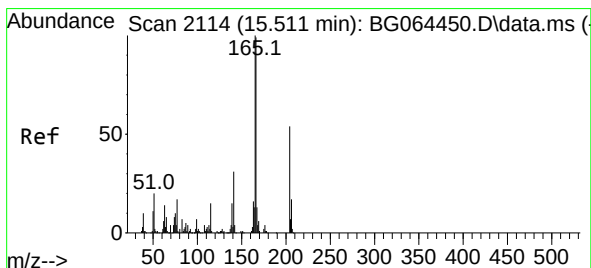
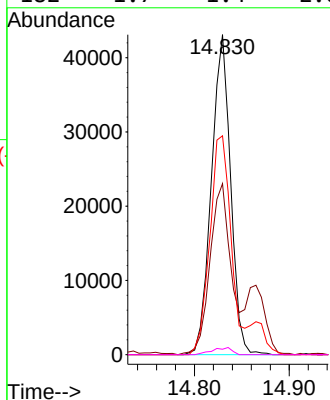
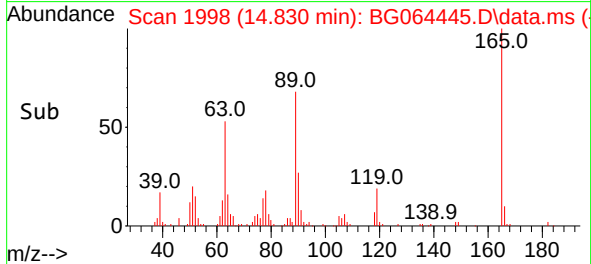
Tgt Ion:165 Resp: 60630
Ion Ratio Lower Upper
165 100
63 53.4 42.7 64.1
89 68.4 54.7 82.1
182 1.7 1.4 2.0

Manual Integrations

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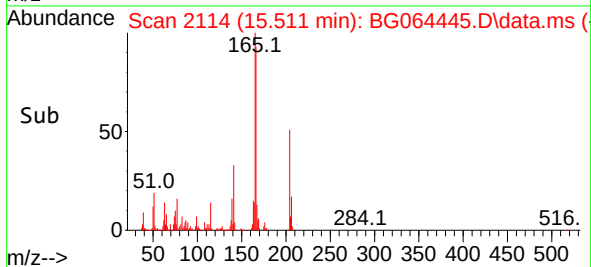
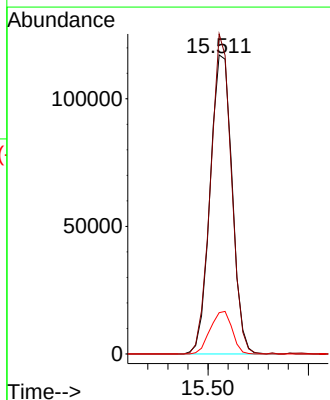
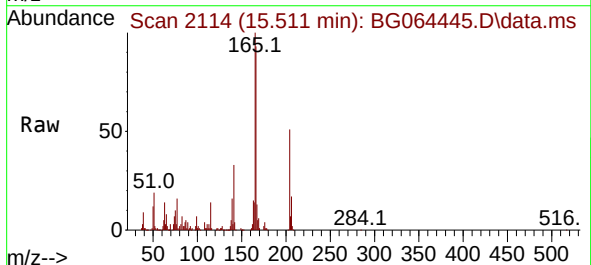
Reviewed By :Rahul Chavli 10/03/2025

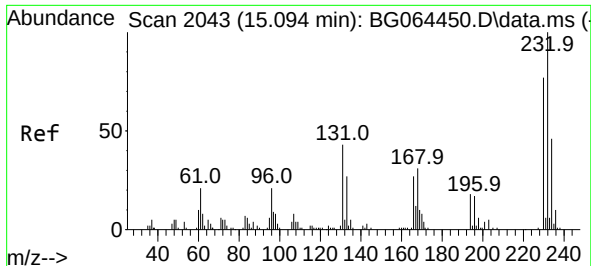
Supervised By :Jagrut Upadhyay 10/03/2025



#58
Fluorene
Concen: 41.691 ng
RT: 15.511 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Tgt Ion:166 Resp: 177725
Ion Ratio Lower Upper
166 100
165 107.0 85.6 128.4
167 13.8 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.348 ng
RT: 15.094 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

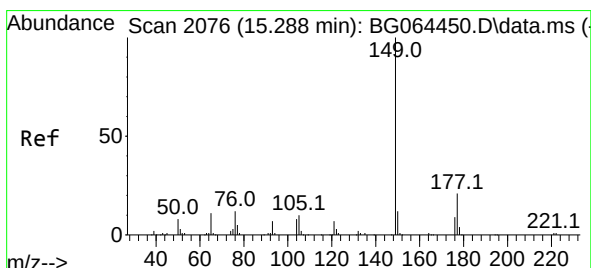
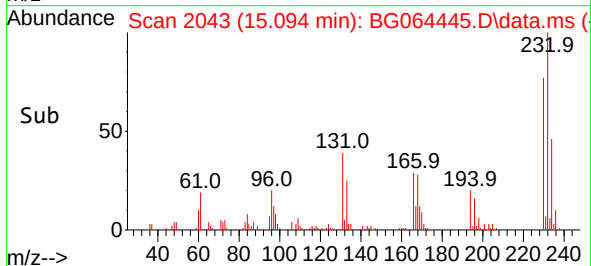
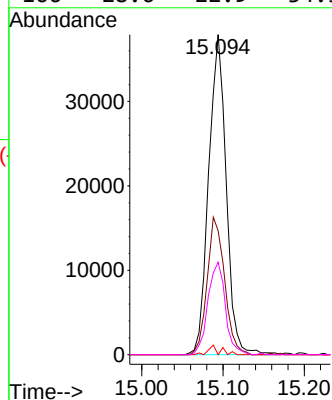
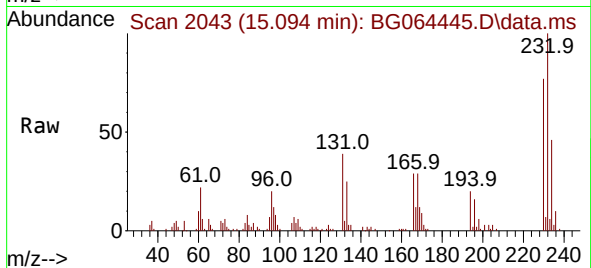
SSTDCCC040

Tgt Ion:232 Resp: 56740
Ion Ratio Lower Upper
232 100
131 42.8 34.2 51.4
130 1.9 1.5 2.3
166 28.6 22.9 34.3

Manual Integrations

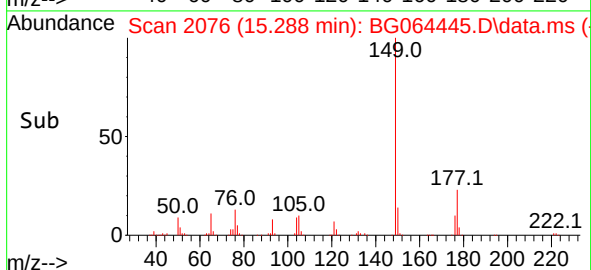
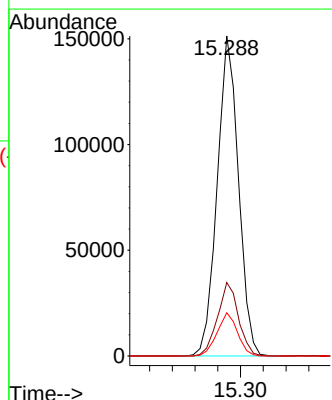
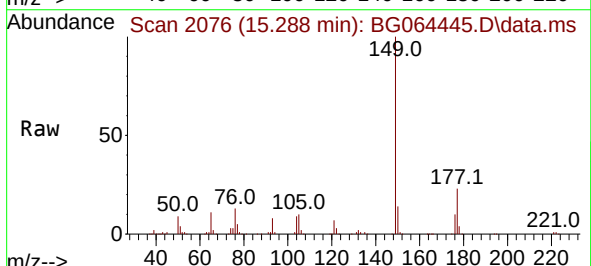
APPROVED

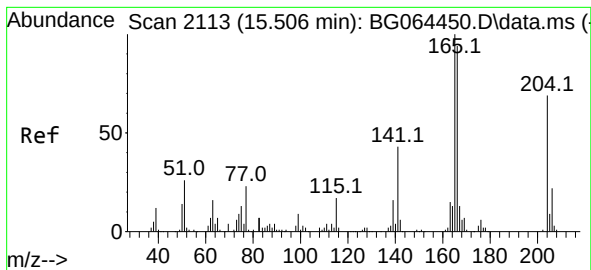
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#60
Diethylphthalate
Concen: 41.781 ng
RT: 15.288 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Tgt Ion:149 Resp: 196662
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 13.5 10.8 16.2





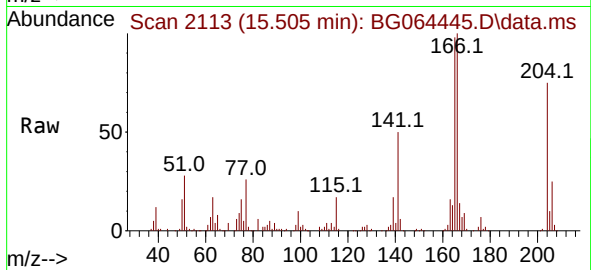
#61
4-Chlorophenyl-phenylether
Concen: 42.389 ng
RT: 15.505 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

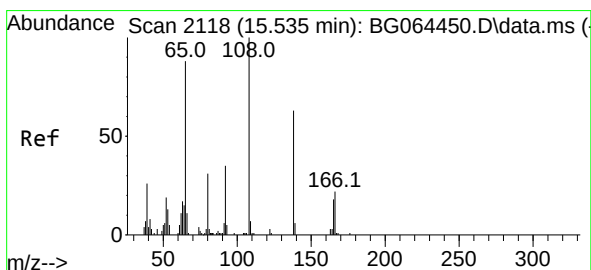
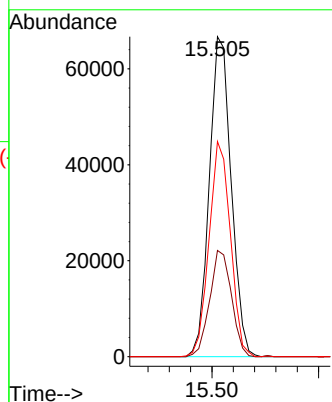
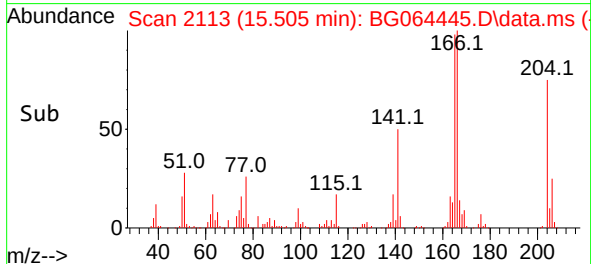


Tgt Ion:204 Resp: 94920
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 67.3 53.8 80.8

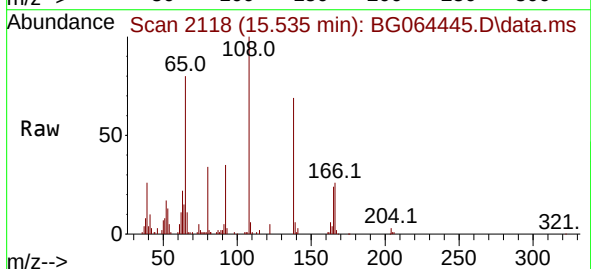
Manual Integrations

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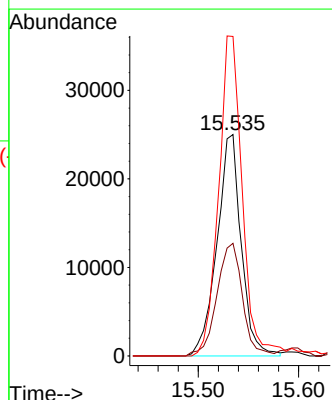
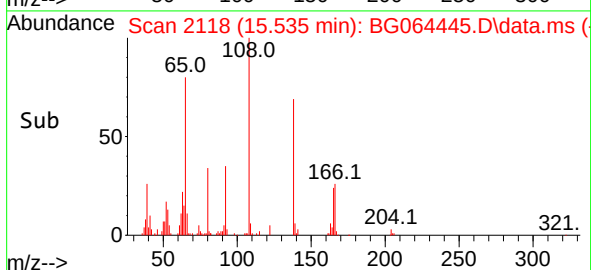
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

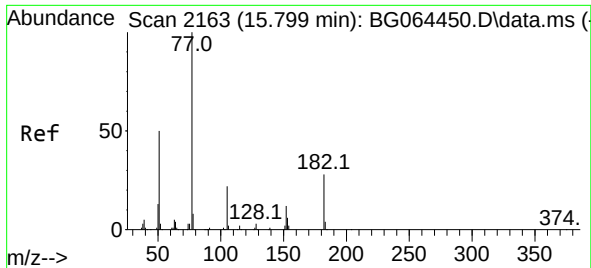


#62
4-Nitroaniline
Concen: 44.572 ng
RT: 15.535 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41



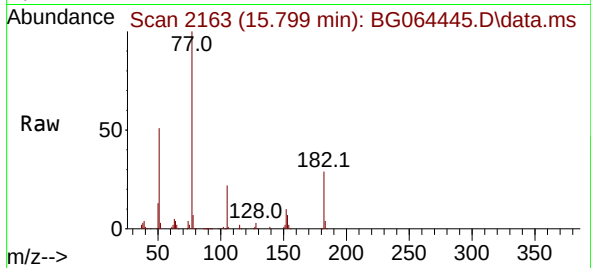
Tgt Ion:138 Resp: 41940
Ion Ratio Lower Upper
138 100
92 50.9 30.9 70.9
108 144.3 124.3 164.3





#63
Azobenzene
Concen: 41.229 ng
RT: 15.799 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

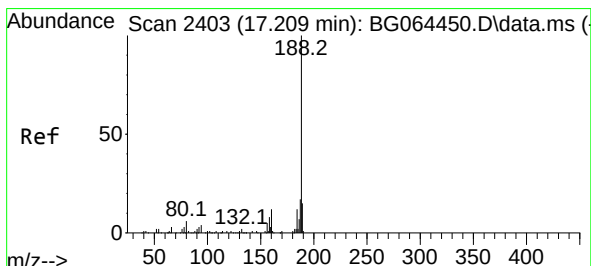
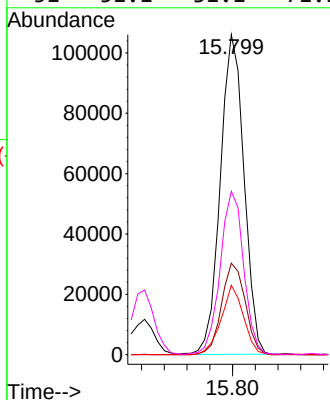
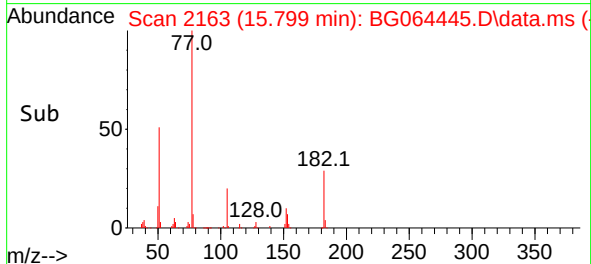
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



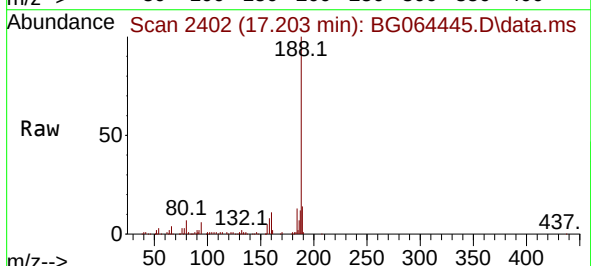
Tgt Ion: 77	Resp: 153400
Ion Ratio	Lower Upper
77 100	
182 28.6	8.6 48.6
105 21.7	1.7 41.7
51 51.1	31.1 71.1

Manual Integrations
APPROVED

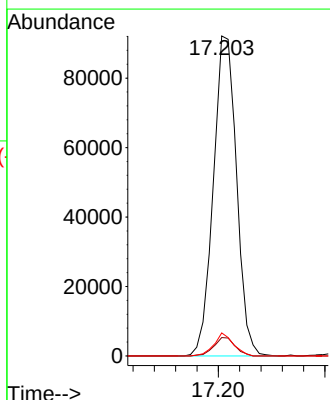
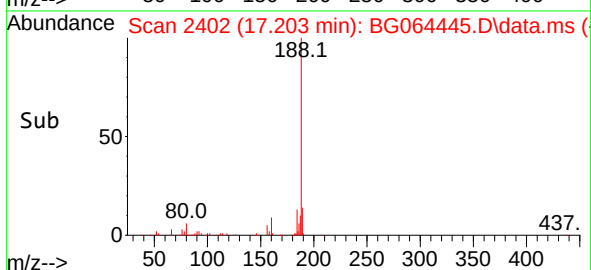
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

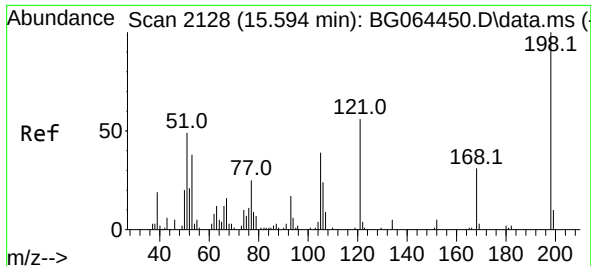


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41



Tgt Ion:188	Resp: 139111
Ion Ratio	Lower Upper
188 100	
94 5.7	4.6 6.8
80 7.2	5.8 8.6





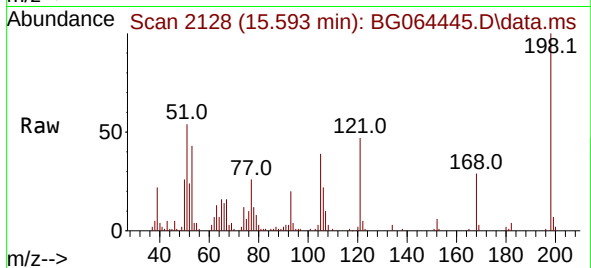
#65
4,6-Dinitro-2-methylphenol
Concen: 45.192 ng
RT: 15.593 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



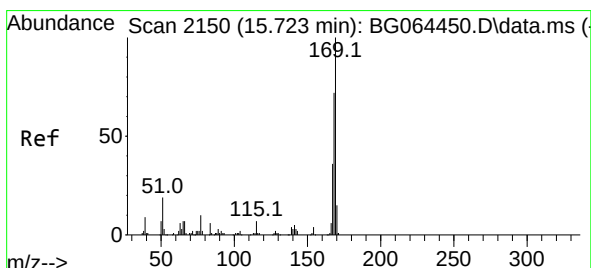
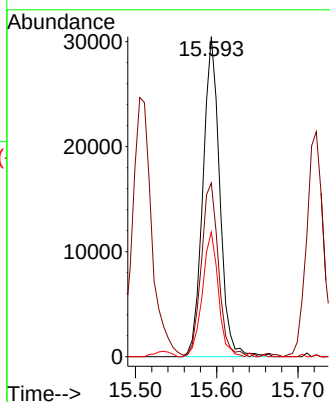
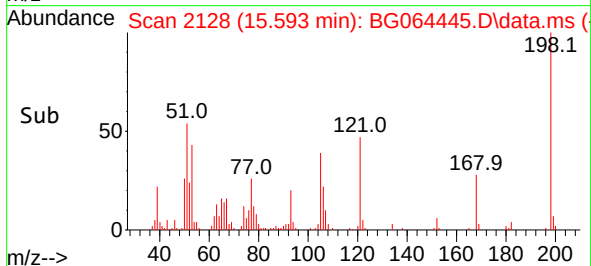
Tgt Ion:198 Resp: 43808
Ion Ratio Lower Upper
198 100
51 54.2 34.2 74.2
105 38.9 18.9 58.9

Manual Integrations

APPROVED

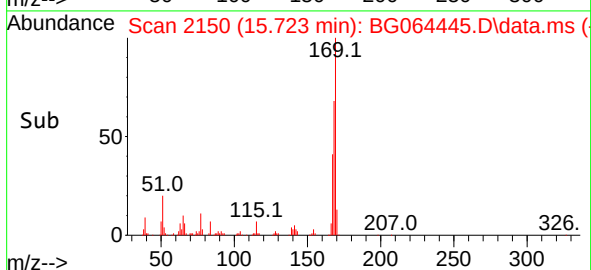
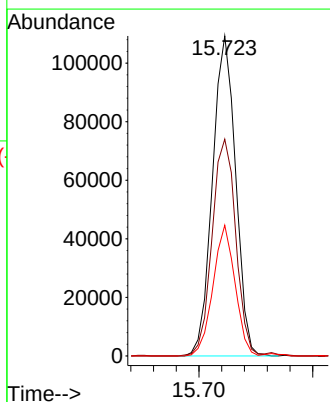
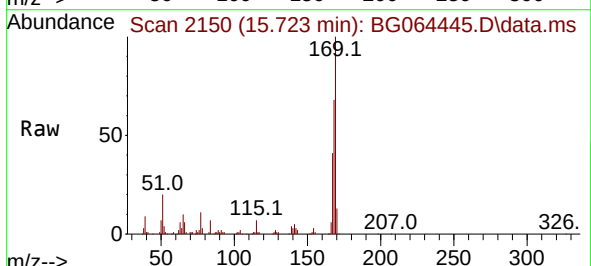
Reviewed By :Rahul Chavli 10/03/2025

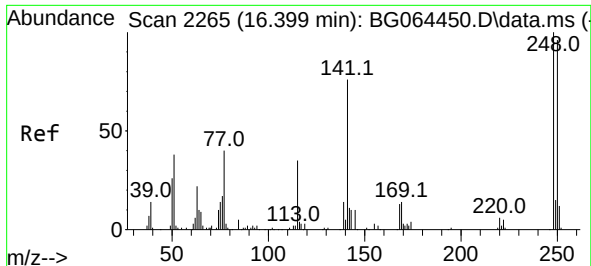
Supervised By :Jagrut Upadhyay 10/03/2025



#66
n-Nitrosodiphenylamine
Concen: 42.528 ng
RT: 15.723 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Tgt Ion:169 Resp: 154593
Ion Ratio Lower Upper
169 100
168 67.8 54.2 81.4
167 40.9 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 42.523 ng
RT: 16.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

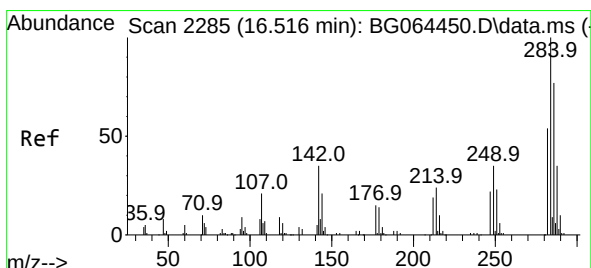
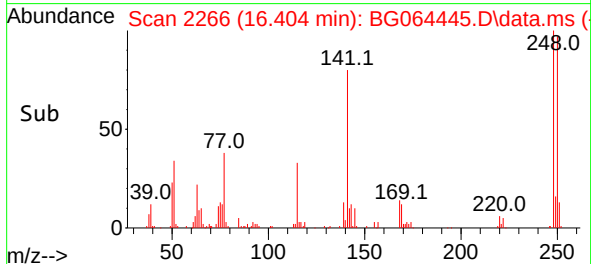
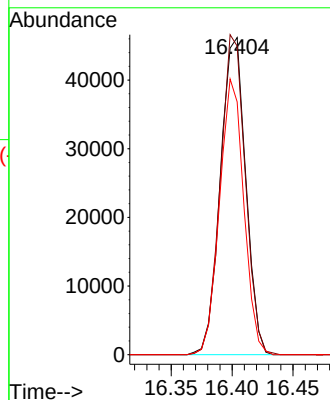
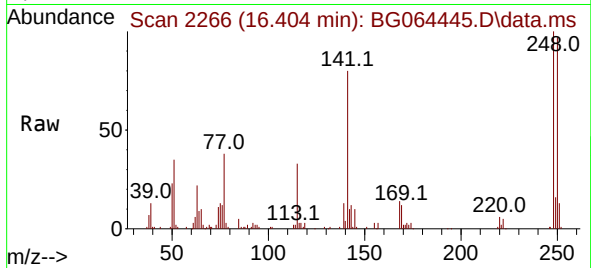
SSTDCCC040

Tgt Ion:248 Resp: 6680
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 79.7 63.8 95.6

Manual Integrations

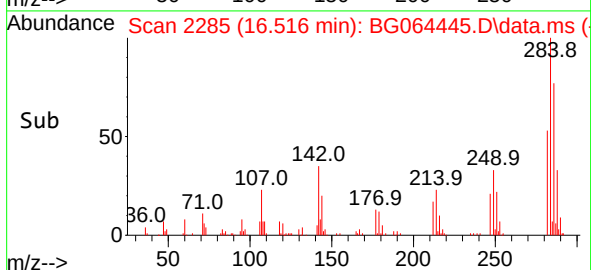
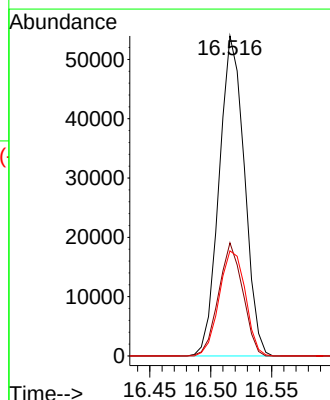
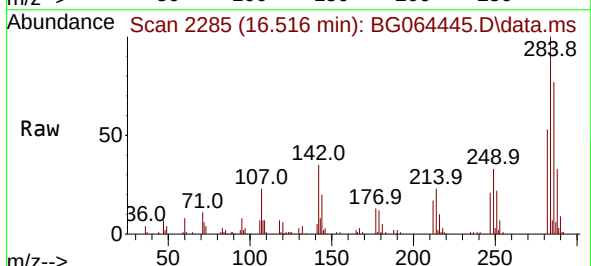
APPROVED

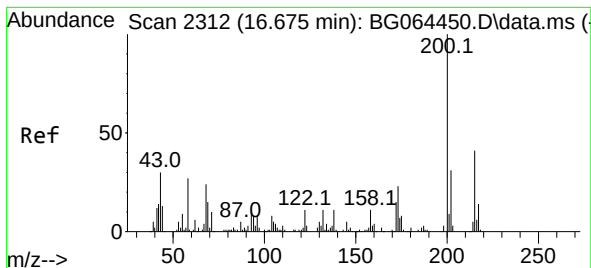
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#68
Hexachlorobenzene
Concen: 43.286 ng
RT: 16.516 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Tgt Ion:284 Resp: 77772
Ion Ratio Lower Upper
284 100
142 35.4 28.3 42.5
249 32.9 26.3 39.5





#69

Atrazine

Concen: 42.132 ng

RT: 16.674 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG064445.D

Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

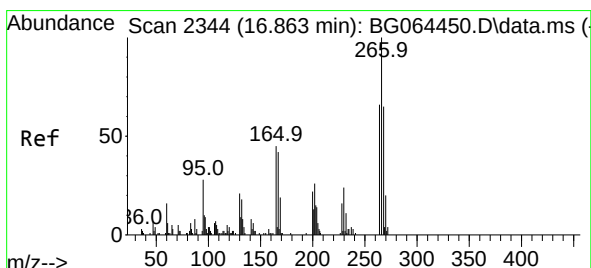
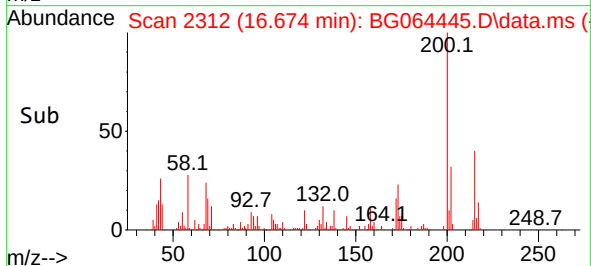
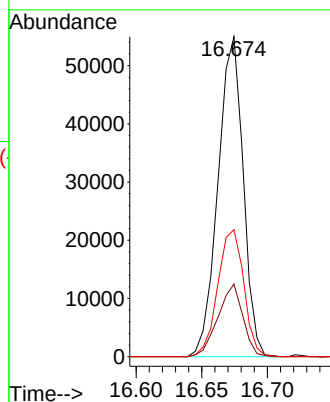
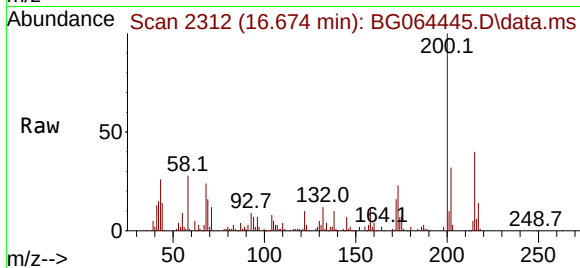
Tgt Ion:200 Resp: 7327
 Ion Ratio Lower Upper
 200 100
 173 22.7 2.7 42.7
 215 39.7 19.7 59.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#70

Pentachlorophenol

Concen: 45.316 ng

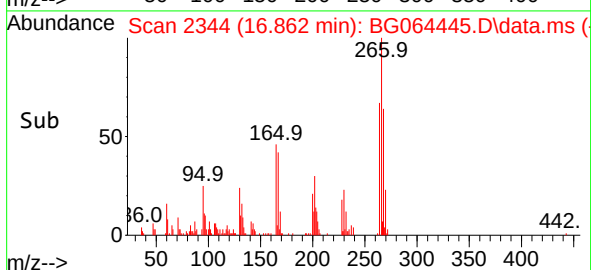
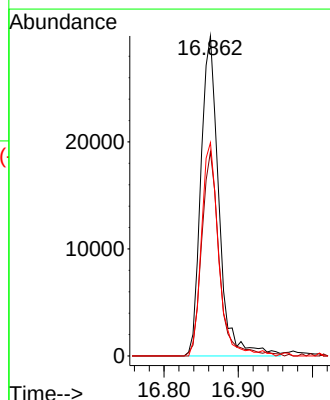
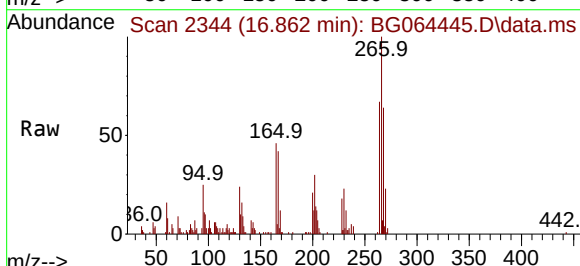
RT: 16.862 min Scan# 2344

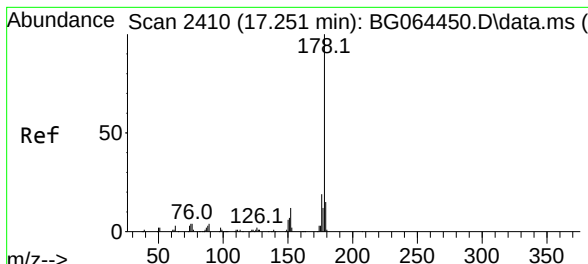
Delta R.T. 0.000 min

Lab File: BG064445.D

Acq: 25 Sep 2025 14:41

Tgt Ion:266 Resp: 50397
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.0 76.6
 264 66.7 53.4 80.0





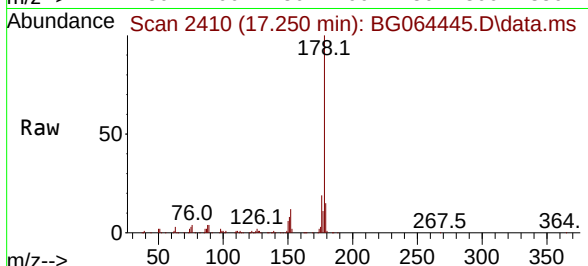
#71
 Phenanthrene
 Concen: 43.011 ng
 RT: 17.250 min Scan# 2410
 Delta R.T. 0.000 min
 Lab File: BG064445.D
 Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



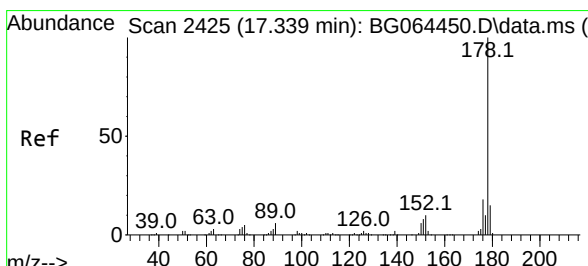
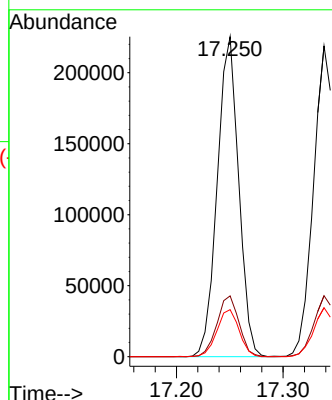
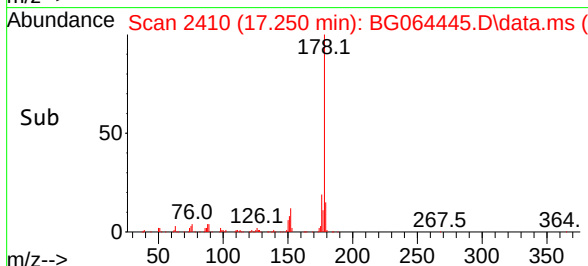
Tgt Ion:178 Resp: 31403
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 14.7 11.8 17.6

Manual Integrations

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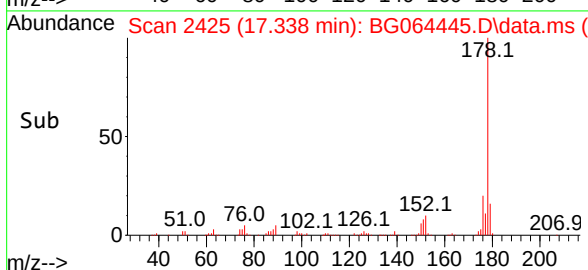
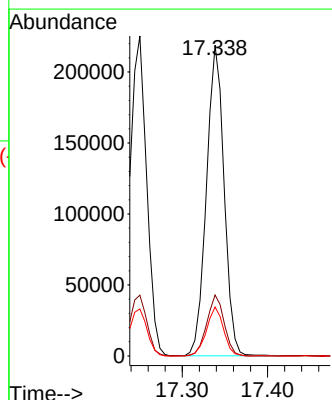
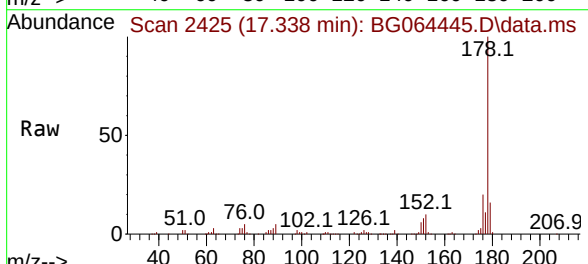
Reviewed By :Rahul Chavli 10/03/2025

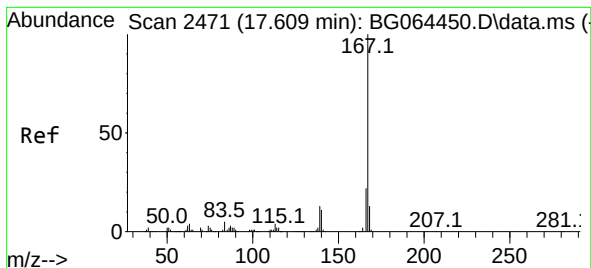
Supervised By :Jagrut Upadhyay 10/03/2025



#72
 Anthracene
 Concen: 42.243 ng
 RT: 17.338 min Scan# 2425
 Delta R.T. 0.000 min
 Lab File: BG064445.D
 Acq: 25 Sep 2025 14:41

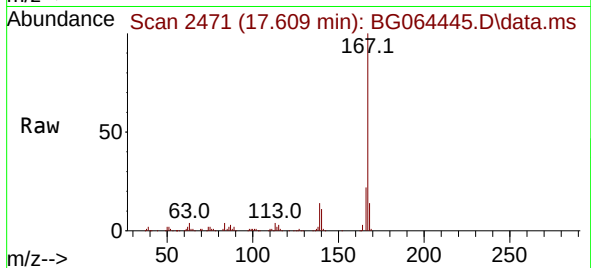
Tgt Ion:178 Resp: 314891
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.7 23.5
 179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 43.177 ng
 RT: 17.609 min Scan# 2471
 Delta R.T. 0.000 min
 Lab File: BG064445.D
 Acq: 25 Sep 2025 14:41

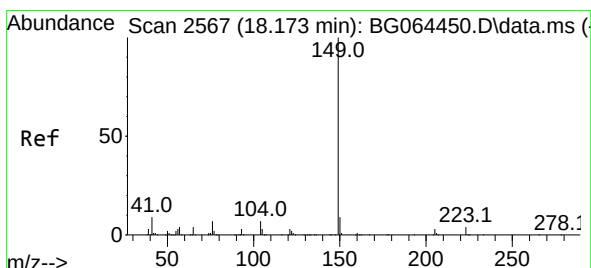
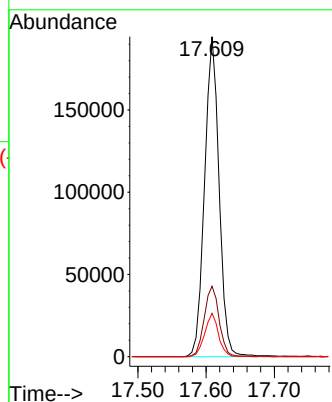
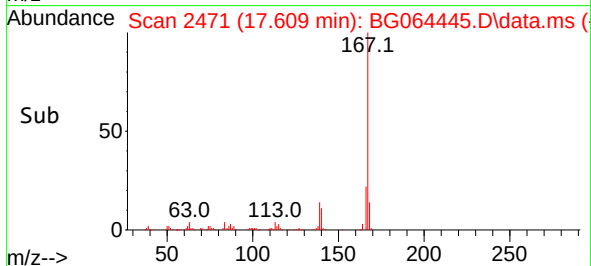
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



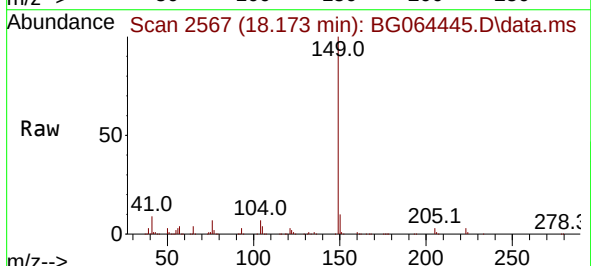
Tgt Ion:167 Resp: 28791
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.5 10.8 16.2

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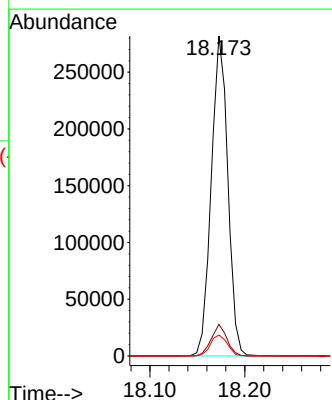
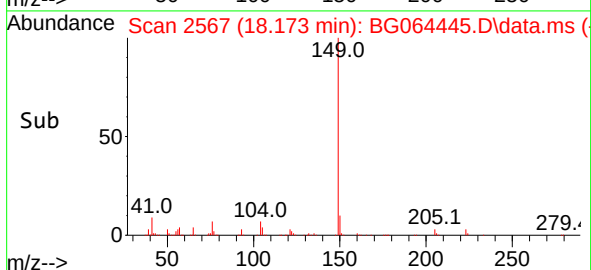
Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

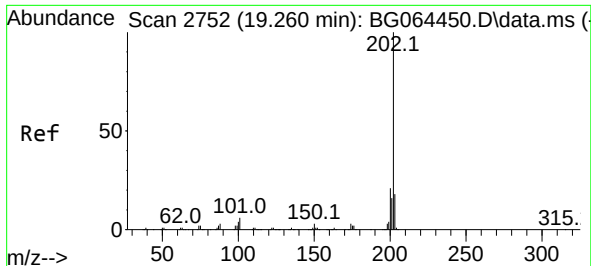


#74
 Di-n-butylphthalate
 Concen: 41.741 ng
 RT: 18.173 min Scan# 2567
 Delta R.T. 0.000 min
 Lab File: BG064445.D
 Acq: 25 Sep 2025 14:41



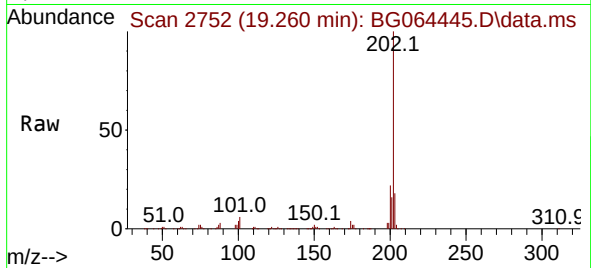
Tgt Ion:149 Resp: 340455
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 6.5 5.2 7.8





#75
Fluoranthene
Concen: 41.880 ng
RT: 19.260 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

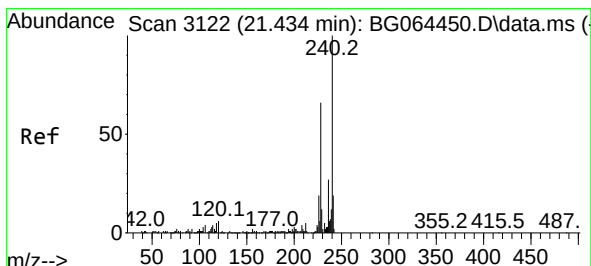
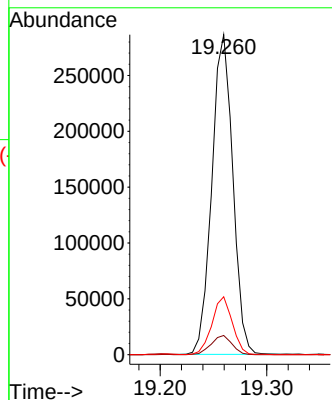
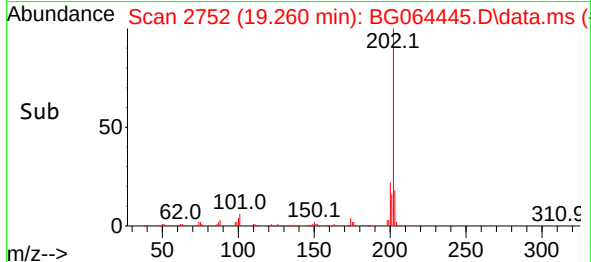
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



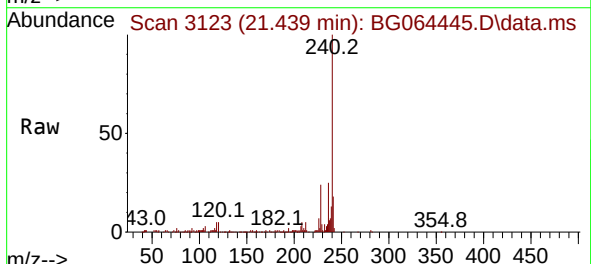
Tgt Ion:202 Resp: 390562
Ion Ratio Lower Upper
202 100
101 6.0 0.0 26.0
203 18.1 0.0 38.1

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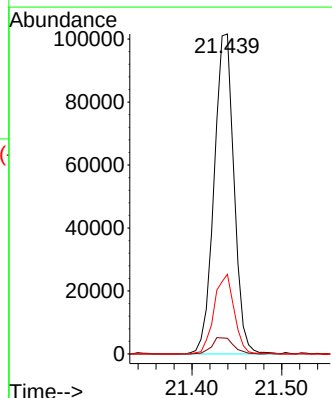
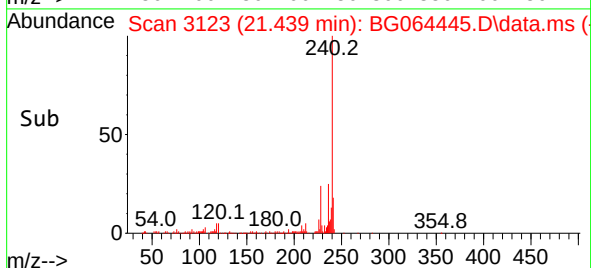
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

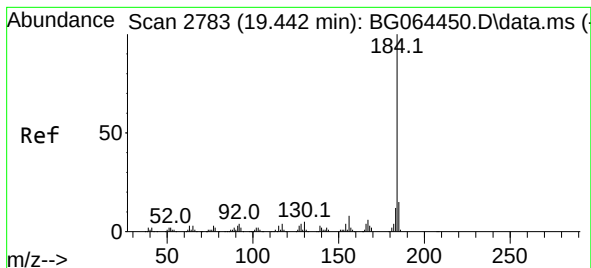


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41



Tgt Ion:240 Resp: 156514
Ion Ratio Lower Upper
240 100
120 4.9 3.9 5.9
236 24.9 19.9 29.9





#77

Benzidine

Concen: 45.179 ng

RT: 19.442 min Scan# 2783

Delta R.T. 0.000 min

Lab File: BG064445.D

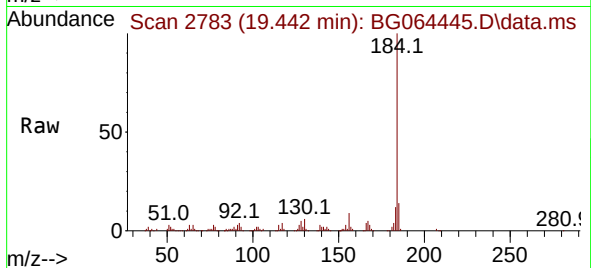
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:184 Resp: 182199

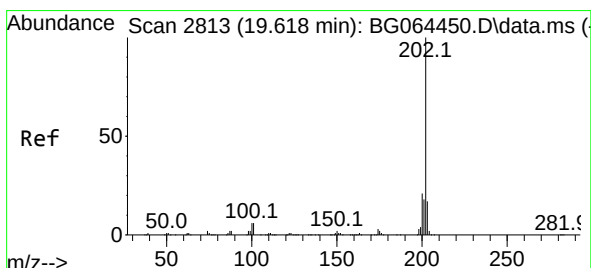
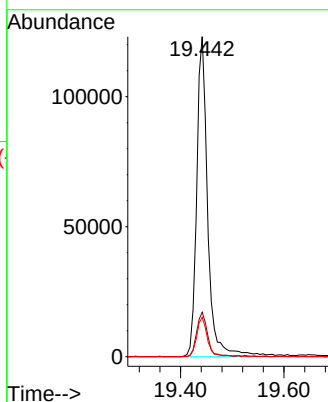
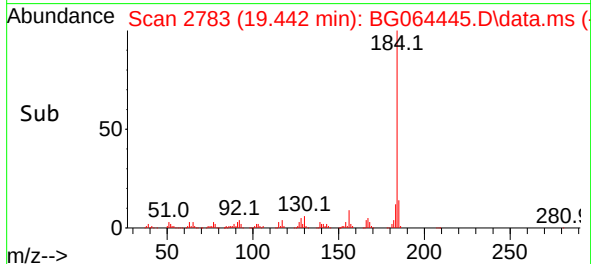
Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.1	16.7
183	12.3	9.8	14.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#78

Pyrene

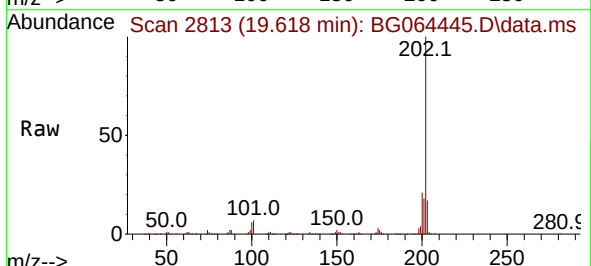
Concen: 42.150 ng

RT: 19.618 min Scan# 2813

Delta R.T. 0.000 min

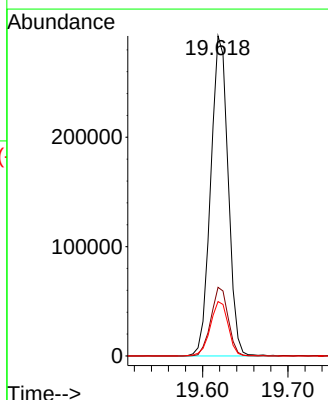
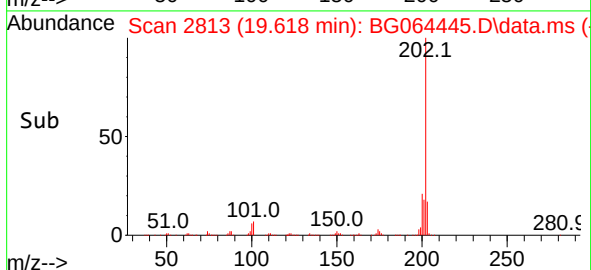
Lab File: BG064445.D

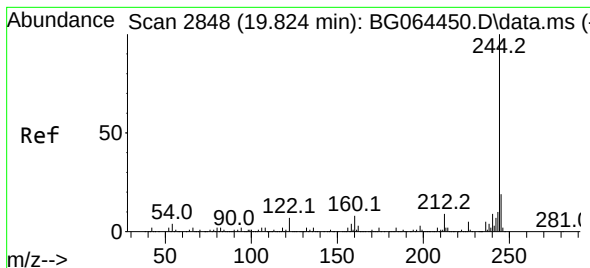
Acq: 25 Sep 2025 14:41



Tgt Ion:202 Resp: 414731

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	17.0	13.6	20.4





#79

Terphenyl-d14

Concen: 84.044 ng

RT: 19.824 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG064445.D

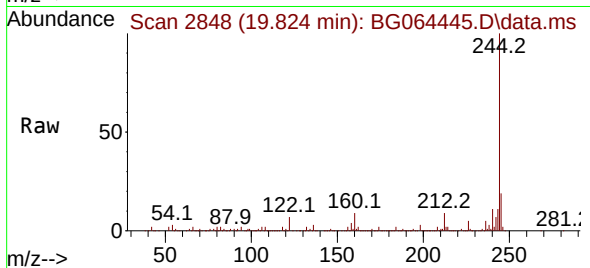
Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 67183

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

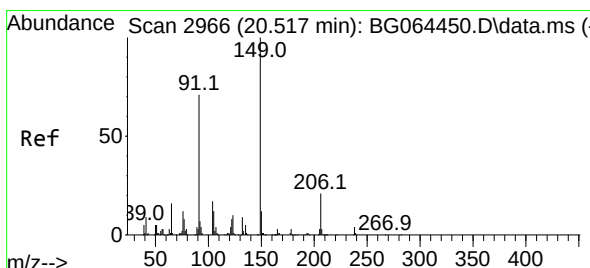
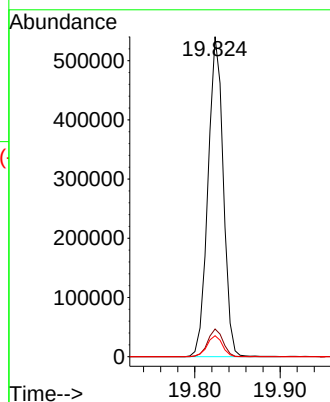
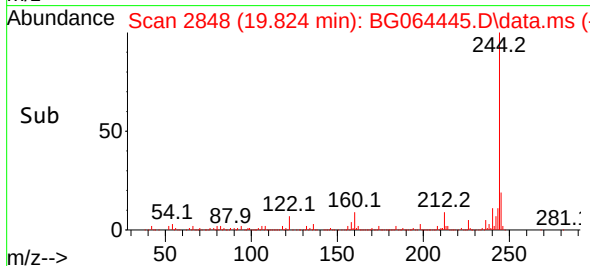
122 6.5 5.2 7.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#80

Butylbenzylphthalate

Concen: 41.506 ng

RT: 20.517 min Scan# 2966

Delta R.T. 0.000 min

Lab File: BG064445.D

Acq: 25 Sep 2025 14:41

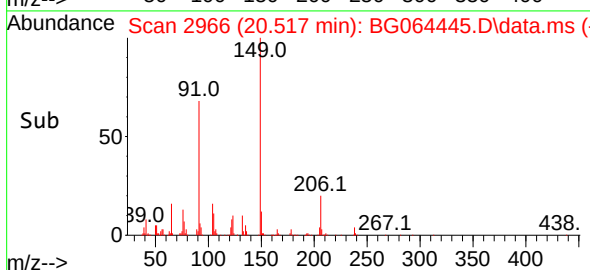
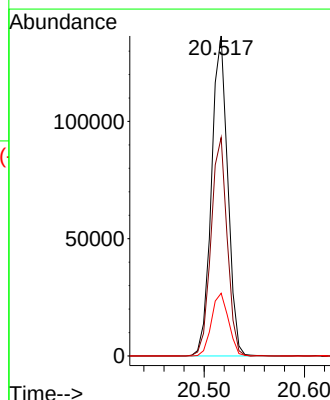
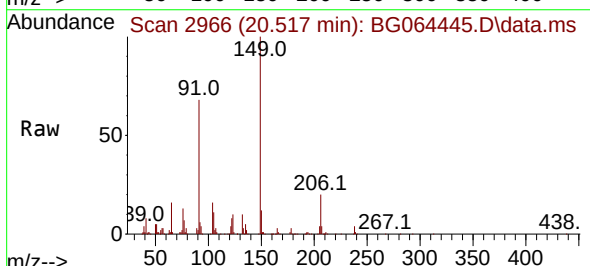
Tgt Ion:149 Resp: 153205

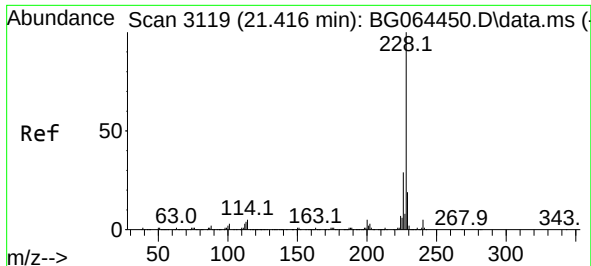
Ion Ratio Lower Upper

149 100

91 68.3 54.6 82.0

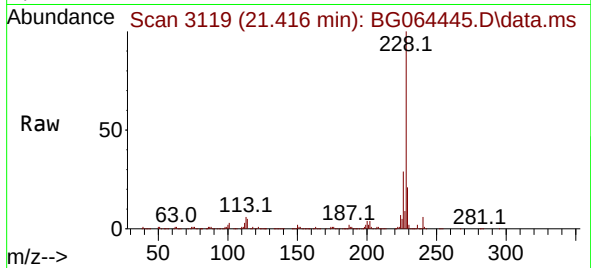
206 19.6 15.7 23.5





#81
Benzo(a)anthracene
Concen: 41.183 ng
RT: 21.416 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

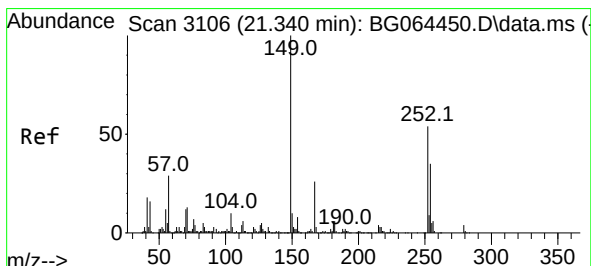
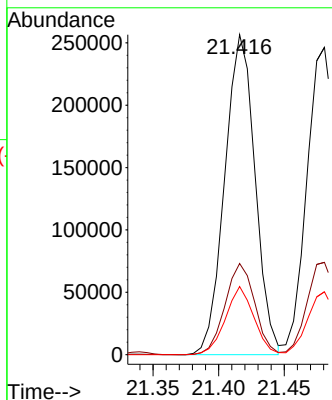
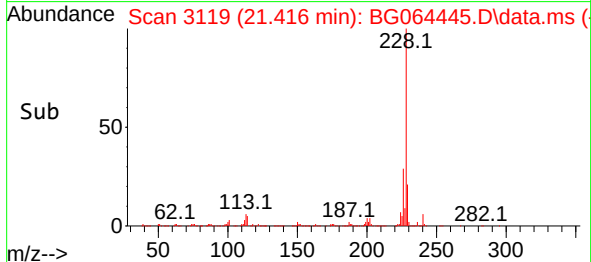
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 41301
Ion Ratio Lower Upper
228 100
226 28.5 22.8 34.2
229 21.3 17.0 25.6

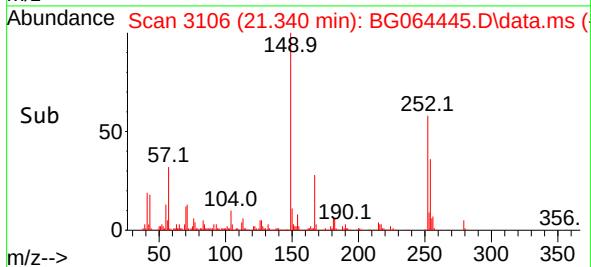
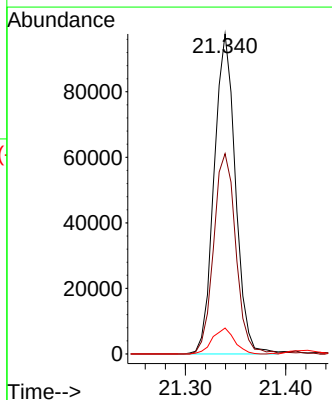
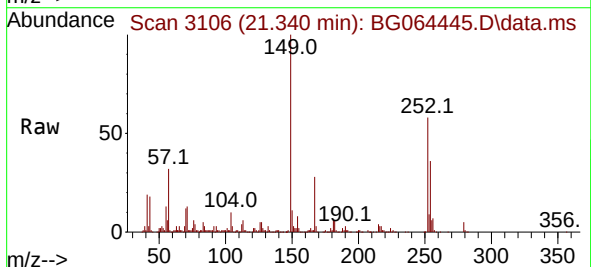
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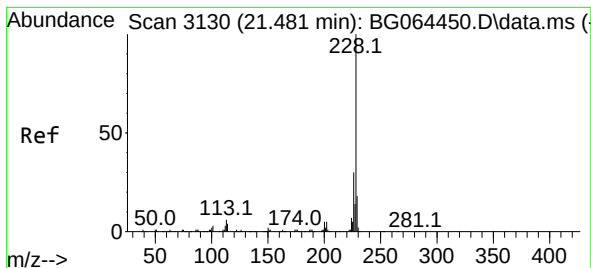
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#82
3,3'-Dichlorobenzidine
Concen: 42.070 ng
RT: 21.340 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Tgt Ion:252 Resp: 144049
Ion Ratio Lower Upper
252 100
254 62.6 50.1 75.1
126 8.1 6.5 9.7





#83

Chrysene

Concen: 41.305 ng

RT: 21.481 min Scan# 3130

Delta R.T. 0.000 min

Lab File: BG064445.D

Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

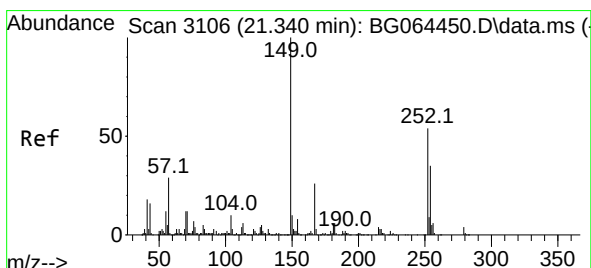
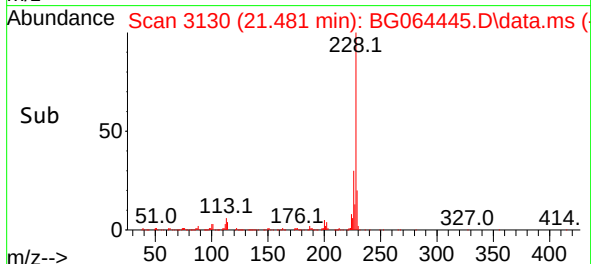
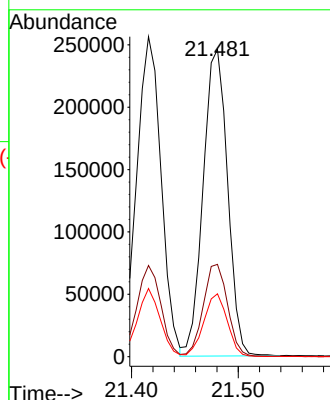
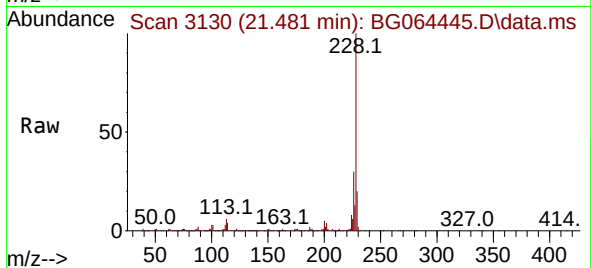
Tgt Ion:228 Resp: 391800
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.0 36.0
 229 20.5 16.4 24.6

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: 40.558 ng

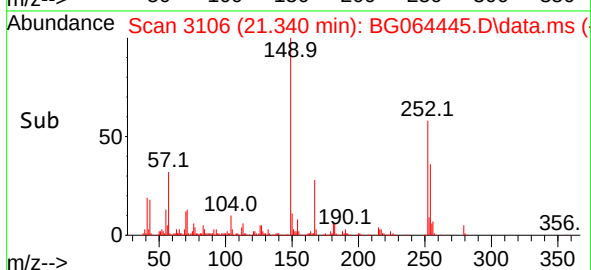
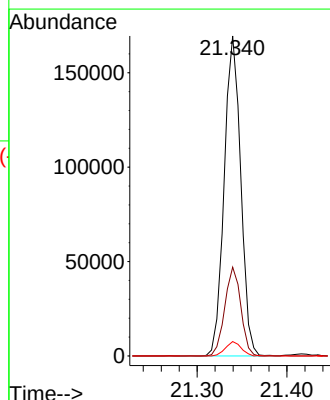
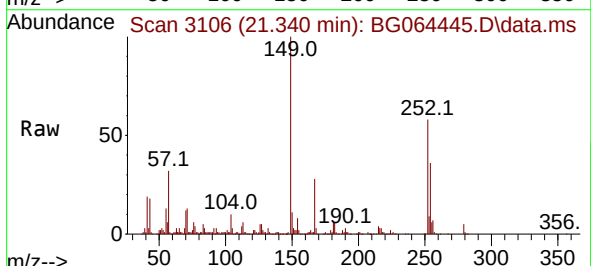
RT: 21.340 min Scan# 3106

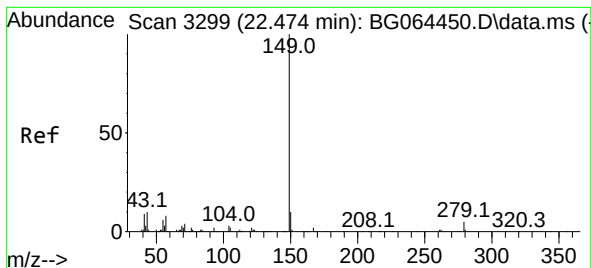
Delta R.T. 0.000 min

Lab File: BG064445.D

Acq: 25 Sep 2025 14:41

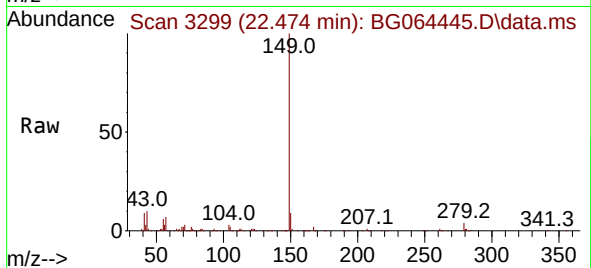
Tgt Ion:149 Resp: 216462
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.2
 279 4.5 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 41.228 ng
RT: 22.474 min Scan# 3299
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

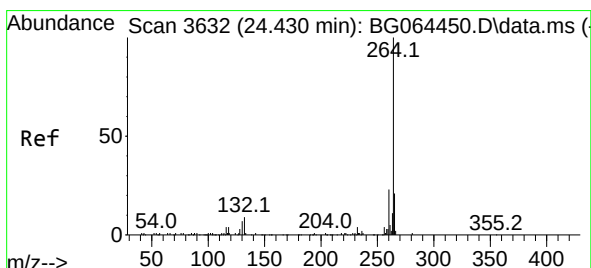
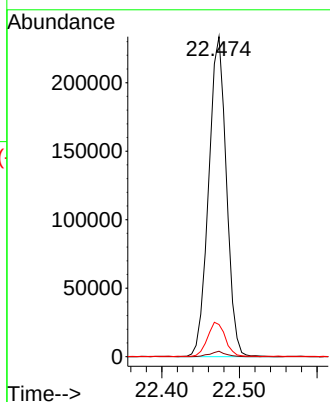
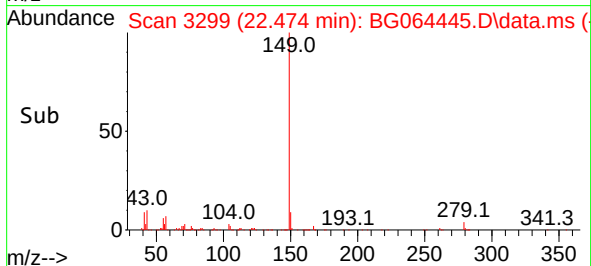
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



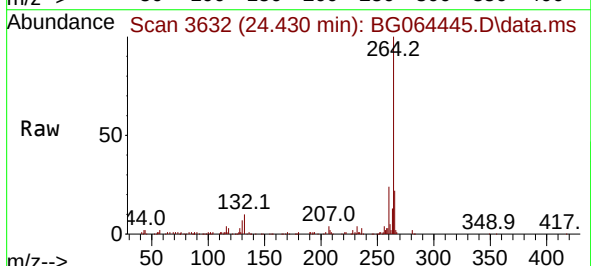
Tgt Ion:149 Resp: 370814
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.9 8.7 13.1

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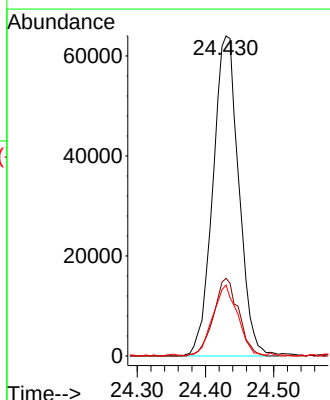
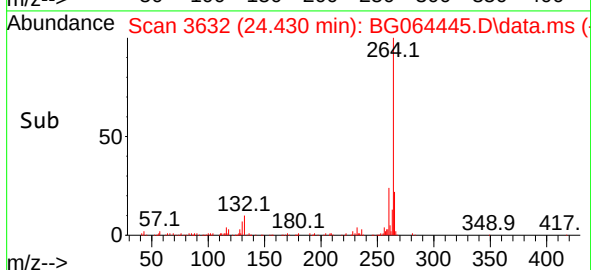
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

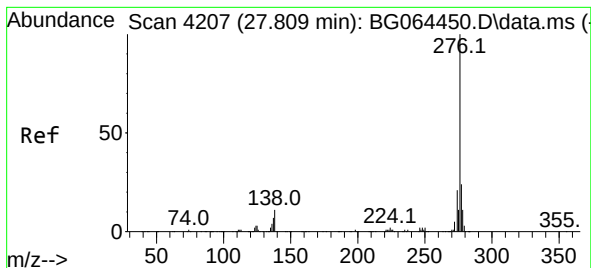


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.430 min Scan# 3632
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41



Tgt Ion:264 Resp: 168948
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.0
265 22.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.526 ng

RT: 27.808 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG064445.D

Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 49378

Ion Ratio Lower Upper

276 100

138 8.4 6.7 10.1

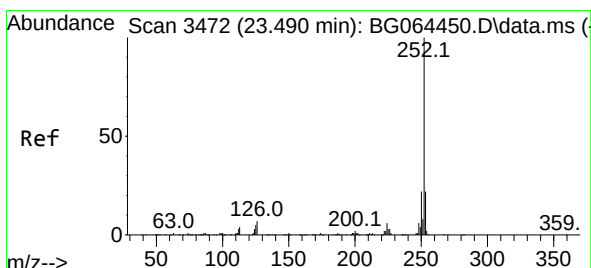
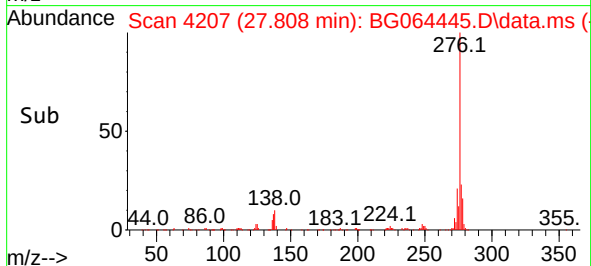
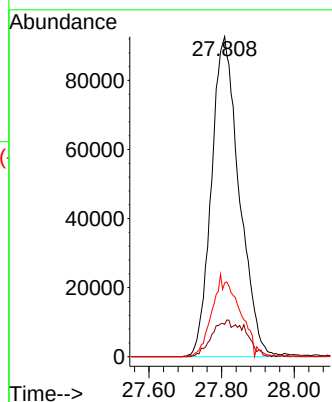
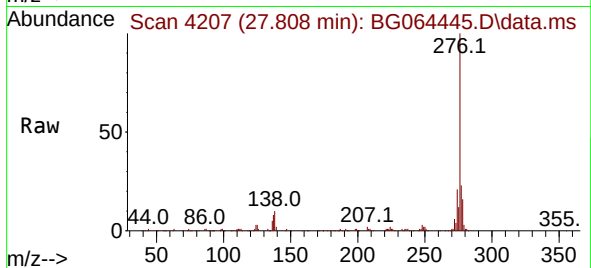
277 25.4 20.3 30.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#88

Benzo(b)fluoranthene

Concen: 42.448 ng

RT: 23.490 min Scan# 3472

Delta R.T. 0.000 min

Lab File: BG064445.D

Acq: 25 Sep 2025 14:41

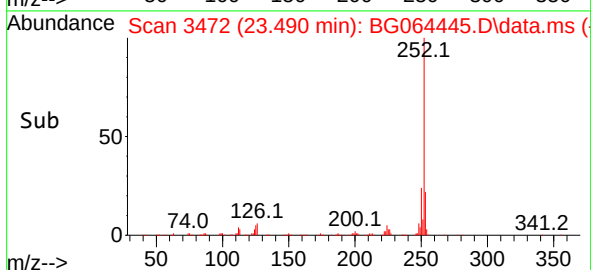
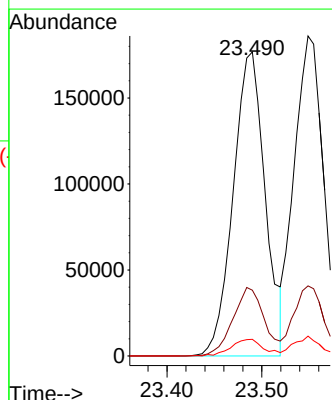
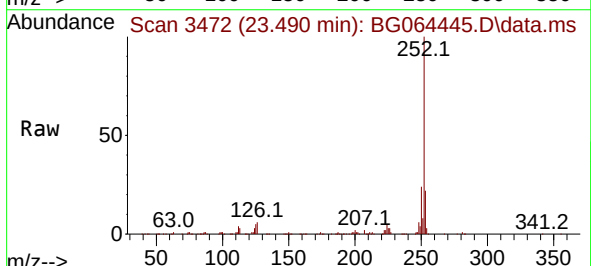
Tgt Ion:252 Resp: 414302

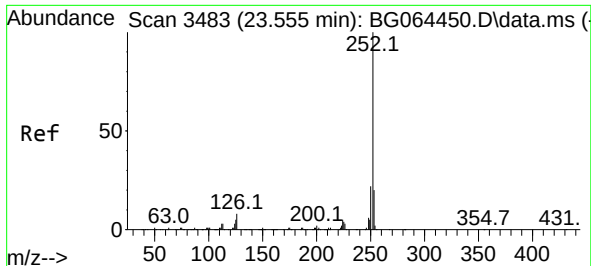
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

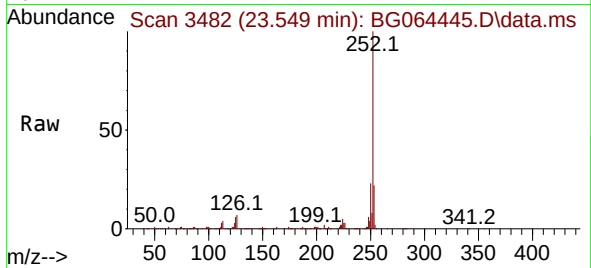
125 5.5 4.4 6.6





#89
Benzo(k)fluoranthene
Concen: 41.107 ng
RT: 23.549 min Scan# 3483
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

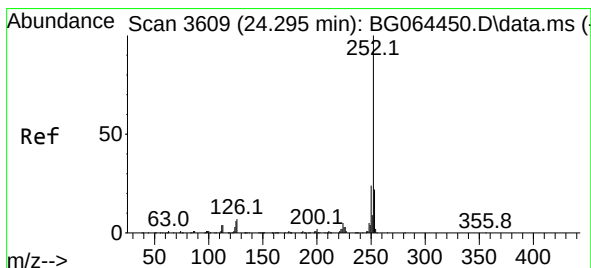
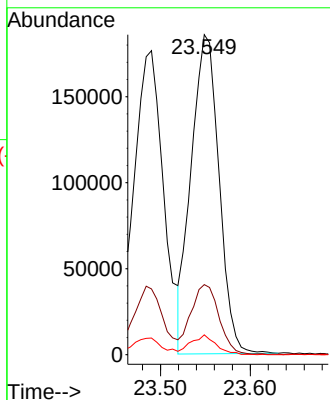
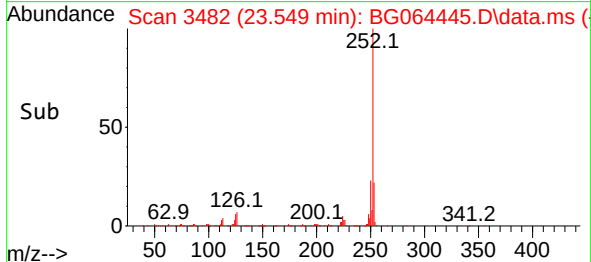
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:252 Resp: 399733
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 6.2 5.0 7.4

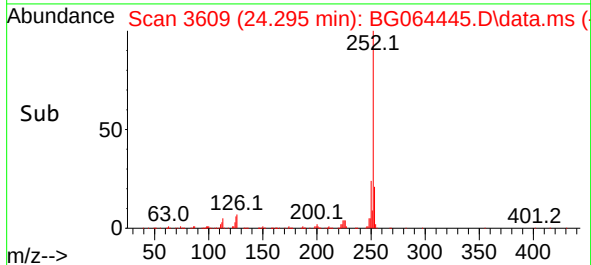
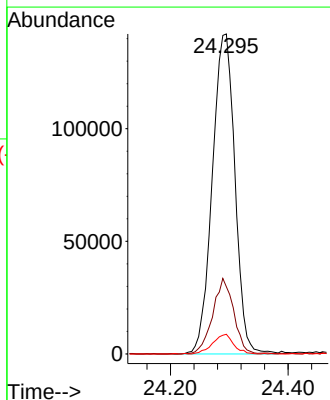
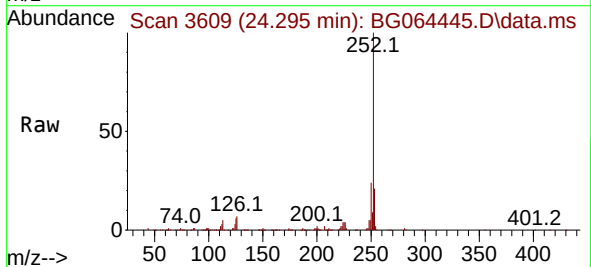
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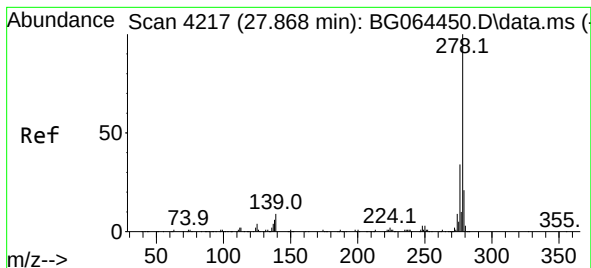
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#90
Benzo(a)pyrene
Concen: 42.036 ng
RT: 24.295 min Scan# 3609
Delta R.T. 0.000 min
Lab File: BG064445.D
Acq: 25 Sep 2025 14:41

Tgt Ion:252 Resp: 379060
Ion Ratio Lower Upper
252 100
253 21.0 16.8 25.2
125 6.2 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 41.558 ng

RT: 27.861 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG064445.D

Acq: 25 Sep 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 39882

Ion Ratio Lower Upper

278 100

139 8.5 6.8 10.2

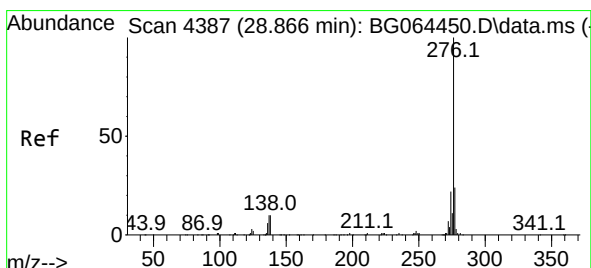
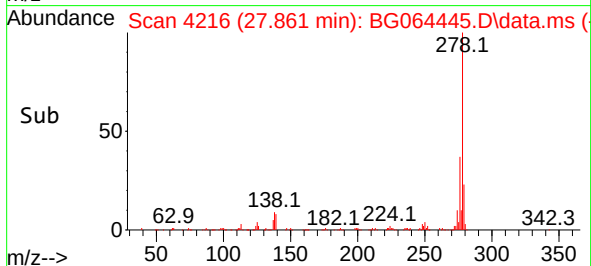
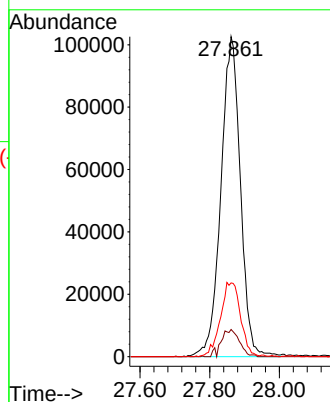
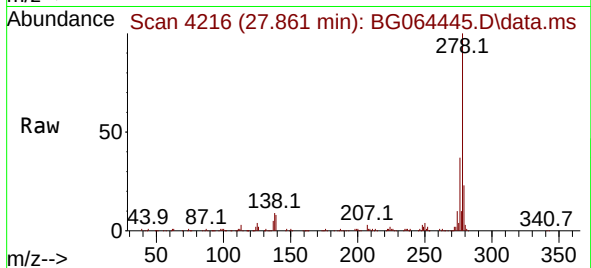
279 23.1 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#92

Benzo(g,h,i)perylene

Concen: 42.283 ng

RT: 28.860 min Scan# 4386

Delta R.T. 0.000 min

Lab File: BG064445.D

Acq: 25 Sep 2025 14:41

Tgt Ion:276 Resp: 388857

Ion Ratio Lower Upper

276 100

277 22.1 17.7 26.5

138 9.6 7.7 11.5

