

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090425\
 Data File : BG064284.D
 Acq On : 4 Sep 2025 15:42
 Operator : RC/JU
 Sample : Q3003-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025

Quant Time: Sep 04 16:34:43 2025

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	30799	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	135665	20.000	ng	# 0.00
39) Acenaphthene-d10	14.481	164	94267	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	207051	20.000	ng	# 0.00
76) Chrysene-d12	21.455	240	215558	20.000	ng	# 0.00
86) Perylene-d12	24.463	264	238580	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	216314	126.007	ng	0.00
7) Phenol-d6	7.031	99	301268	127.741	ng	0.00
23) Nitrobenzene-d5	9.011	82	214378	88.128	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	175112	140.246	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	529517	85.738	ng	0.00
79) Terphenyl-d14	19.839	244	921440	89.185	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	23654	33.058	ng	97
3) Pyridine	3.746	79	67969	32.270	ng	# 58
4) n-Nitrosodimethylamine	3.664	42	58908	42.284	ng	91
6) Aniline	7.183	93	78629	24.109	ng	97
8) 2-Chlorophenol	7.424	128	99090	47.236	ng	98
9) Benzaldehyde	6.989	77	39618	20.412	ng	95
10) Phenol	7.054	94	118437	45.549	ng	89
11) bis(2-Chloroethyl)ether	7.277	93	78664	40.260	ng	99
12) 1,3-Dichlorobenzene	7.742	146	101380	45.427	ng	98
13) 1,4-Dichlorobenzene	7.888	146	104767	46.515	ng	93
14) 1,2-Dichlorobenzene	8.206	146	100965	46.447	ng	96
15) Benzyl Alcohol	8.088	79	95890	44.059	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.382	45	158042	35.427	ng	97
17) 2-Methylphenol	8.300	107	84764	43.740	ng	97
18) Hexachloroethane	8.934	117	39460	44.882	ng	91
19) n-Nitroso-di-n-propyla...	8.658	70	73339	40.631	ng	95
20) 3+4-Methylphenols	8.623	107	115778	42.997	ng	96
22) Acetophenone	8.676	105	149050	43.427	ng	# 97
24) Nitrobenzene	9.052	77	113665	44.722	ng	98
25) Isophorone	9.575	82	203362	40.225	ng	99
26) 2-Nitrophenol	9.757	139	51900	47.259	ng	# 77
27) 2,4-Dimethylphenol	9.821	122	98611	51.144	ng	97
28) bis(2-Chloroethoxy)met...	10.056	93	112449	41.250	ng	96
29) 2,4-Dichlorophenol	10.291	162	99881	49.097	ng	94
30) 1,2,4-Trichlorobenzene	10.509	180	107470	50.102	ng	95
31) Naphthalene	10.691	128	310397	44.122	ng	98
32) Benzoic acid	9.980	122	78258m	51.132	ng	
33) 4-Chloroaniline	10.797	127	38038	13.951	ng	94
34) Hexachlorobutadiene	10.985	225	77509	48.883	ng	93
35) Caprolactam	11.572	113	32066m	40.707	ng	
36) 4-Chloro-3-methylphenol	11.931	107	122091	46.255	ng	92
37) 2-Methylnaphthalene	12.301	142	210796	40.312	ng	97
38) 1-Methylnaphthalene	12.524	142	220269	42.647	ng	97
40) 1,2,4,5-Tetrachloroben...	12.677	216	137136	50.420	ng	98
41) Hexachlorocyclopentadiene	12.653	237	172991	133.824	ng	93
43) 2,4,6-Trichlorophenol	12.912	196	88644	48.761	ng	99

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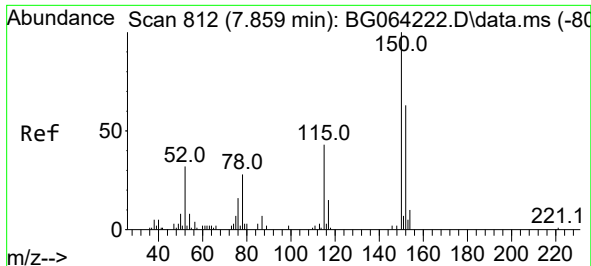
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

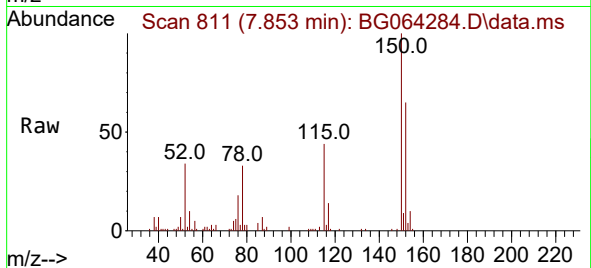
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	100584	51.005	ng	87
46) 1,1'-Biphenyl	13.317	154	320386	46.663	ng	98
47) 2-Chloronaphthalene	13.353	162	233985	45.331	ng	98
48) 2-Nitroaniline	13.558	65	86947	49.421	ng	98
49) Acenaphthylene	14.205	152	393744	51.603	ng	98
50) Dimethylphthalate	13.940	163	309674	43.401	ng	99
51) 2,6-Dinitrotoluene	14.052	165	66410	48.077	ng	100
52) Acenaphthene	14.545	154	245628	45.616	ng	97
53) 3-Nitroaniline	14.387	138	42994	29.714	ng	98
54) 2,4-Dinitrophenol	14.592	184	92011	100.401	ng	# 77
55) Dibenzofuran	14.880	168	391909	46.272	ng	99
56) 4-Nitrophenol	14.704	139	115809	97.571	ng	# 87
57) 2,4-Dinitrotoluene	14.845	165	103329	49.473	ng	96
58) Fluorene	15.527	166	325709	46.918	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.109	232	96566	50.912	ng	99
60) Diethylphthalate	15.309	149	332648	43.562	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	160132	46.265	ng	99
62) 4-Nitroaniline	15.550	138	67797	45.918	ng	98
63) Azobenzene	15.814	77	335493	49.293	ng	96
65) 4,6-Dinitro-2-methylph...	15.609	198	68674	57.770	ng	93
66) n-Nitrosodiphenylamine	15.738	169	281125	49.357	ng	99
67) 4-Bromophenyl-phenylether	16.414	248	111029	50.488	ng	97
68) Hexachlorobenzene	16.531	284	125218	51.275	ng	92
69) Atrazine	16.690	200	114843	48.289	ng	99
70) Pentachlorophenol	16.878	266	168323	113.674	ng	95
71) Phenanthrene	17.266	178	628147	57.520	ng	99
72) Anthracene	17.354	178	546235	49.172	ng	98
73) Carbazole	17.624	167	479846	49.034	ng	98
74) Di-n-butylphthalate	18.188	149	557657	47.432	ng	99
75) Fluoranthene	19.275	202	801433	62.414	ng	97
77) Benzidine	19.457	184	80791	17.817	ng	98
78) Pyrene	19.633	202	782072	57.588	ng	99
80) Butylbenzylphthalate	20.532	149	253482	49.487	ng	93
81) Benzo(a)anthracene	21.437	228	737483	53.478	ng	99
82) 3,3'-Dichlorobenzidine	21.355	252	80868	18.006	ng	98
83) Chrysene	21.496	228	692786	52.328	ng	98
84) Bis(2-ethylhexyl)phtha...	21.361	149	368119	47.869	ng	99
85) Di-n-octyl phthalate	22.501	149	628884	46.933	ng	# 98
87) Indeno(1,2,3-cd)pyrene	27.865	276	842776	51.726	ng	98
88) Benzo(b)fluoranthene	23.523	252	792919	58.887	ng	99
89) Benzo(k)fluoranthene	23.582	252	688239	50.171	ng	# 98
90) Benzo(a)pyrene	24.328	252	702364	56.074	ng	98
91) Dibenzo(a,h)anthracene	27.924	278	644206	49.245	ng	98
92) Benzo(g,h,i)perylene	28.928	276	669048	52.560	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.853 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

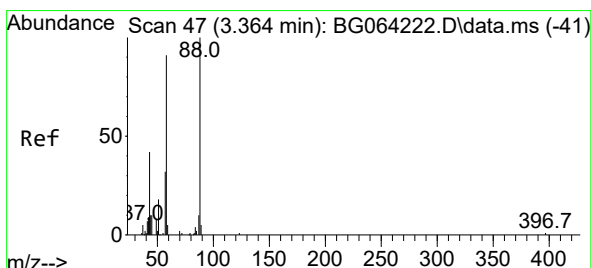
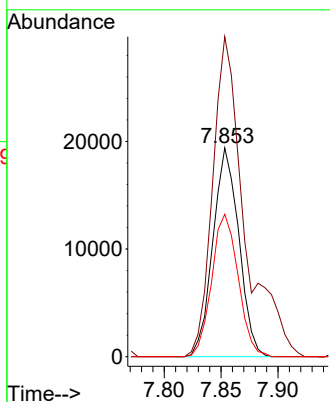
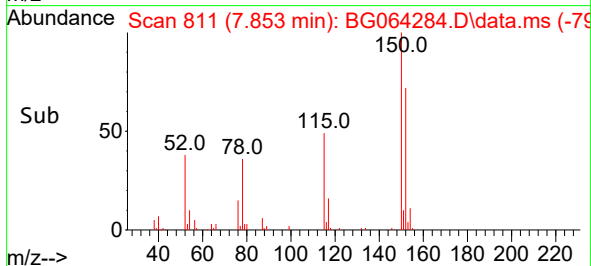
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



Tgt Ion: 152 Resp: 30799
Ion Ratio Lower Upper
152 100
150 153.3 128.0 192.0
115 68.2 55.7 83.5

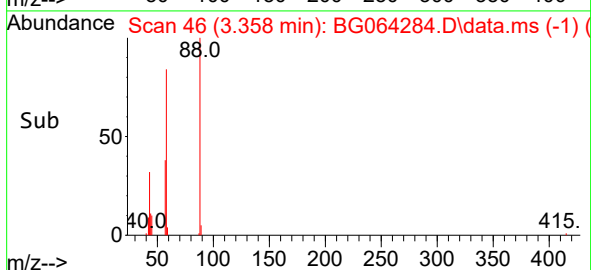
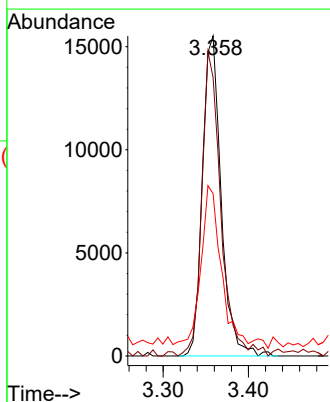
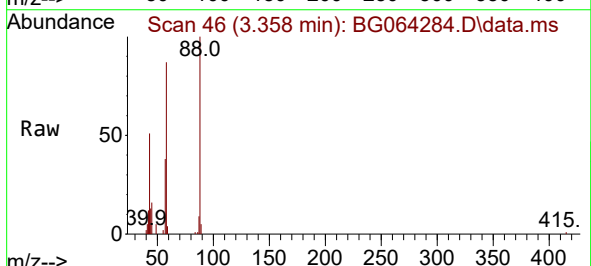
Manual Integrations
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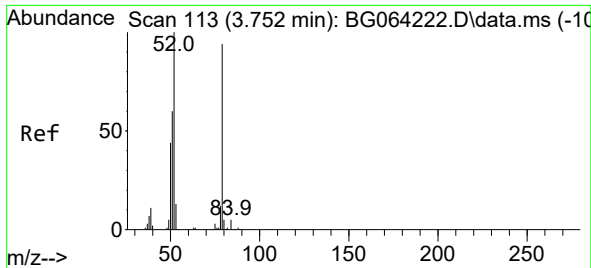
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#2
1,4-Dioxane
Concen: 33.058 ng
RT: 3.358 min Scan# 46
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

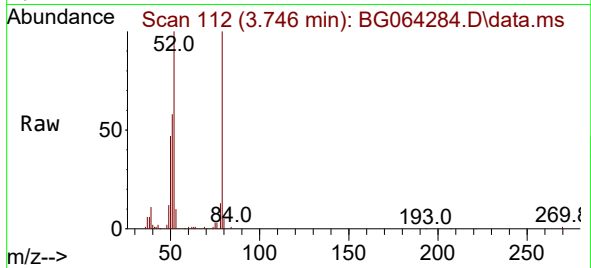
Tgt Ion: 88 Resp: 23654
Ion Ratio Lower Upper
88 100
58 96.4 80.8 121.2
43 50.8 40.3 60.5





#3
Pyridine
Concen: 32.270 ng
RT: 3.746 min Scan# 113
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

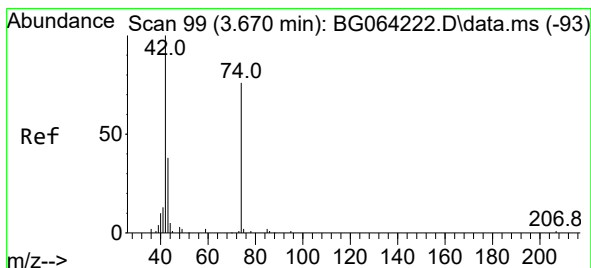
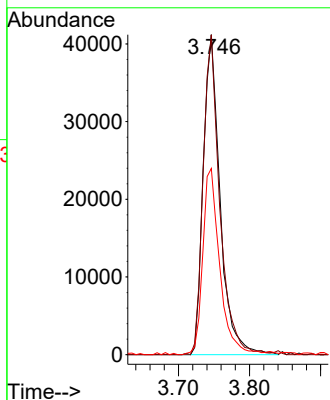
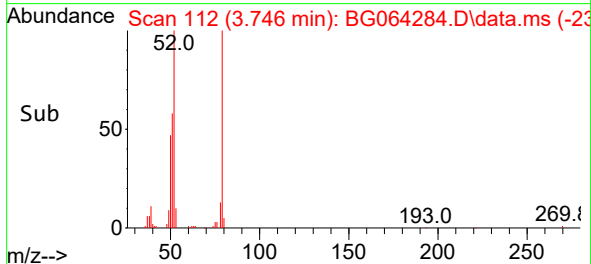
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



Tgt Ion: 79 Resp: 67969
Ion Ratio Lower Upper
79 100
52 100.0 86.6 129.8
51 58.2 114.1 171.1

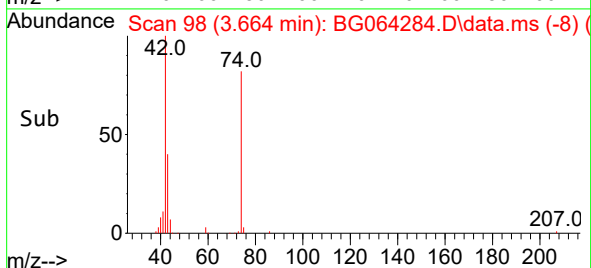
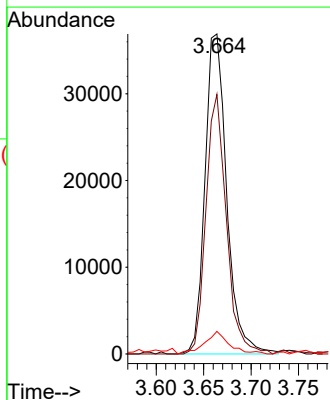
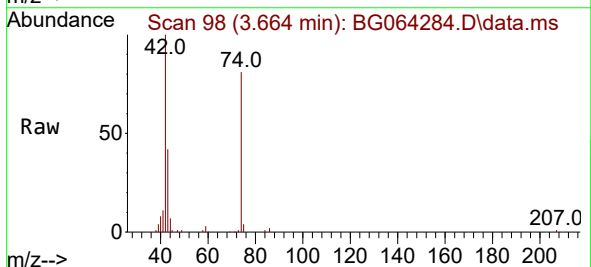
Manual Integrations
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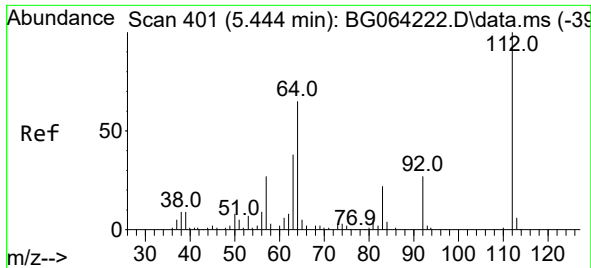
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#4
n-Nitrosodimethylamine
Concen: 42.284 ng
RT: 3.664 min Scan# 98
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Tgt Ion: 42 Resp: 58908
Ion Ratio Lower Upper
42 100
74 81.1 58.0 87.0
44 7.0 5.5 8.3





#5
2-Fluorophenol
Concen: 126.007 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

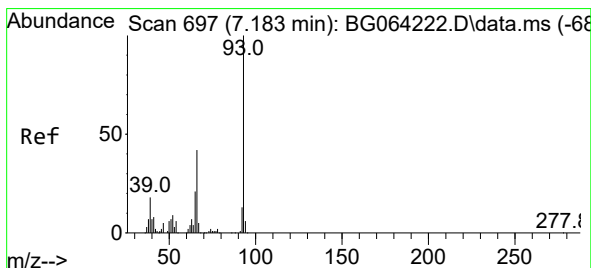
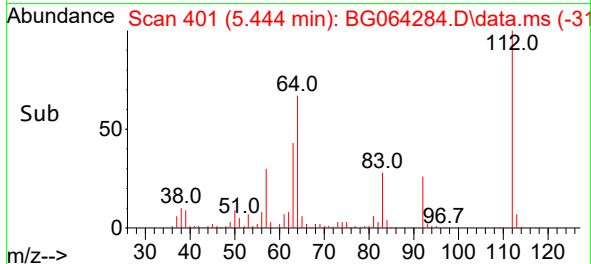
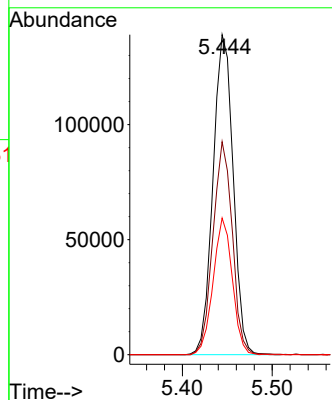
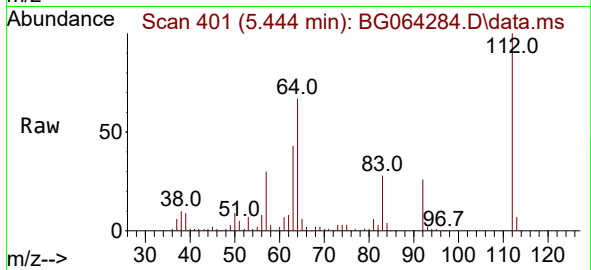
VNJ-231MSD

Tgt Ion:112 Resp: 216314
Ion Ratio Lower Upper
112 100
64 66.5 51.8 77.6
63 42.7 30.6 45.8

Manual Integrations

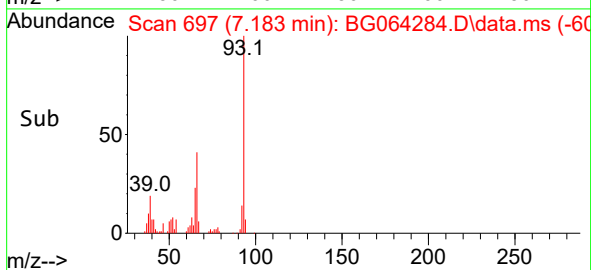
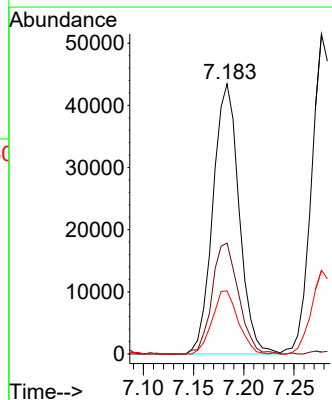
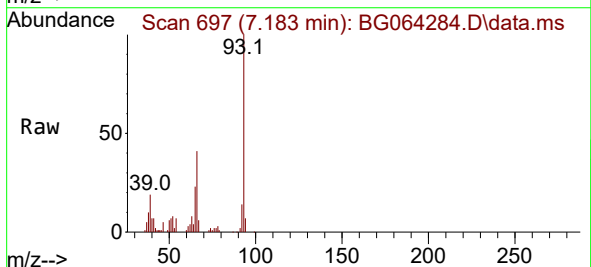
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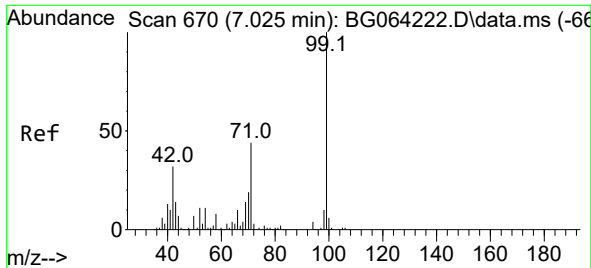
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#6
Aniline
Concen: 24.109 ng
RT: 7.183 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

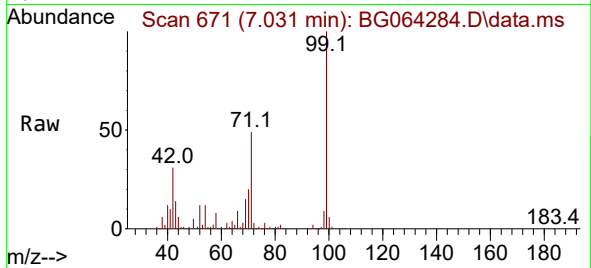
Tgt Ion: 93 Resp: 78629
Ion Ratio Lower Upper
93 100
66 41.0 33.8 50.8
65 23.4 16.9 25.3





#7
Phenol-d6
Concen: 127.741 ng
RT: 7.031 min Scan# 671
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

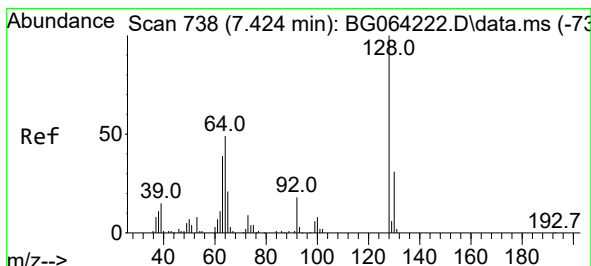
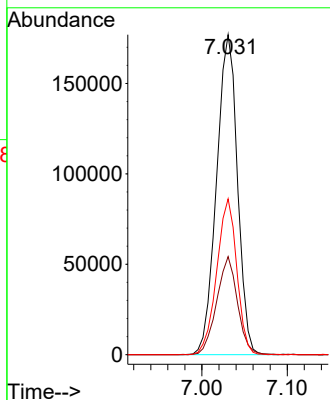
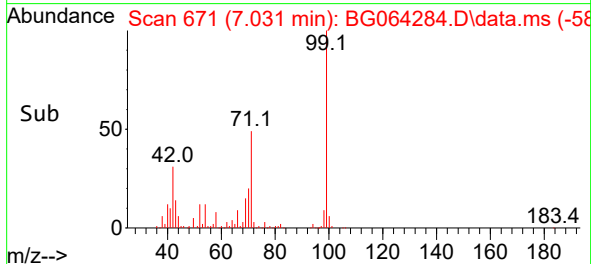
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



Tgt Ion: 99 Resp: 301268
Ion Ratio Lower Upper
99 100
42 30.6 25.8 38.8
71 48.7 35.2 52.8

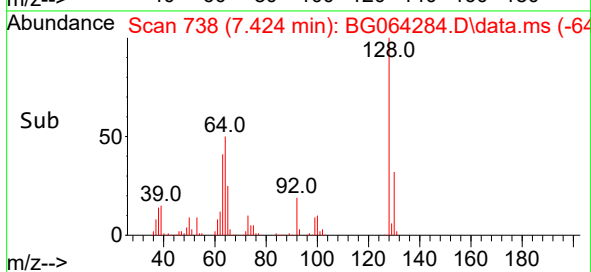
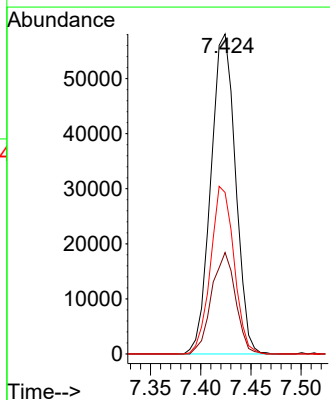
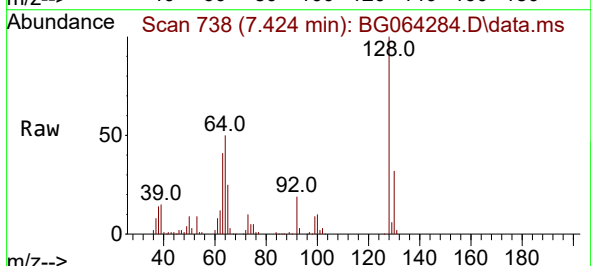
Manual Integrations
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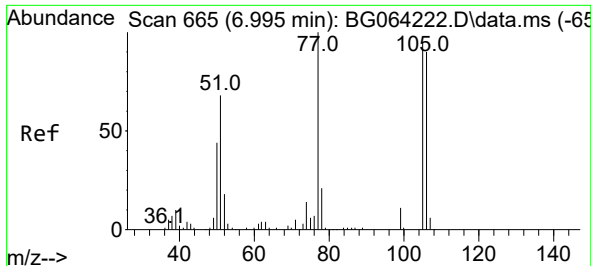
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#8
2-Chlorophenol
Concen: 47.236 ng
RT: 7.424 min Scan# 738
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Tgt Ion:128 Resp: 99090
Ion Ratio Lower Upper
128 100
130 31.7 10.9 50.9
64 50.4 28.7 68.7





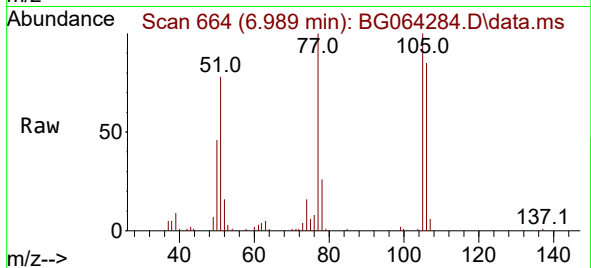
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Benzaldehyde
Concen: 20.412 ng
RT: 6.989 min Scan# 664
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD



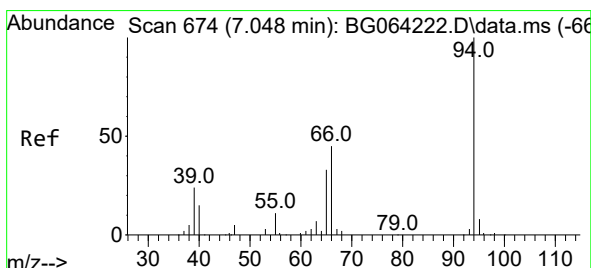
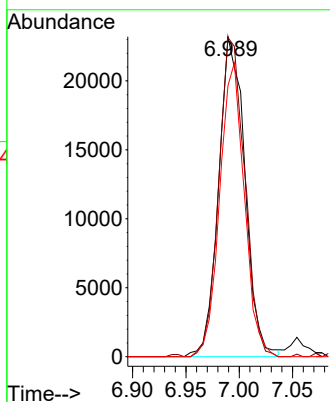
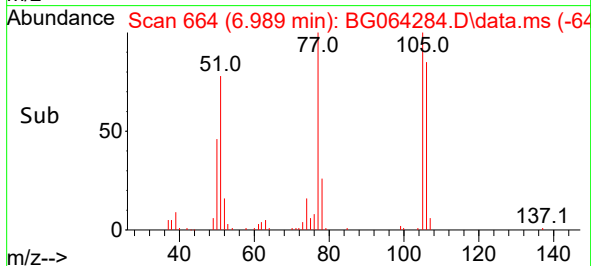
Tgt Ion: 77 Resp: 39618
Ion Ratio Lower Upper
77 100
105 99.8 75.2 115.2
106 84.7 69.6 109.6

Manual Integrations

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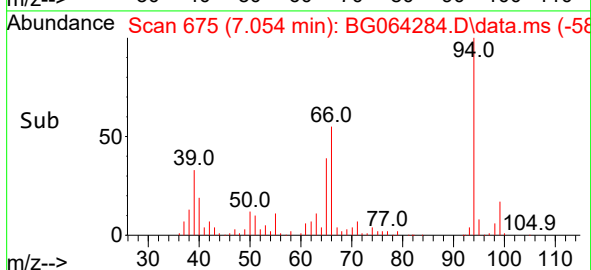
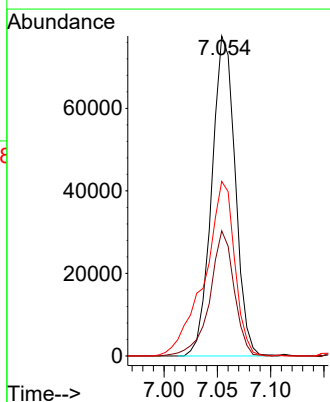
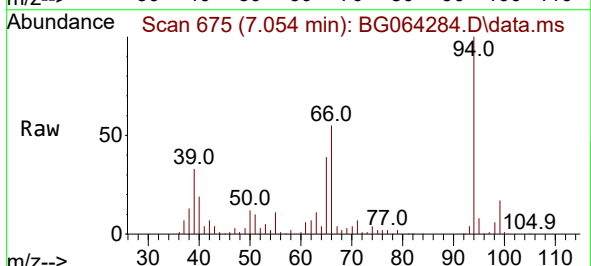
Reviewed By :Rahul Chavli 09/05/2025

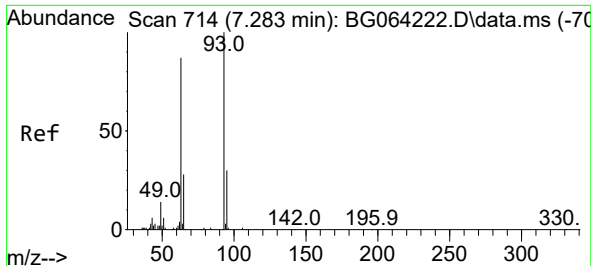
Supervised By :Jagrut Upadhyay 09/05/2025



#10
Phenol
Concen: 45.549 ng
RT: 7.054 min Scan# 675
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Tgt Ion: 94 Resp: 118437
Ion Ratio Lower Upper
94 100
65 39.1 13.5 53.5
66 54.5 26.2 66.2





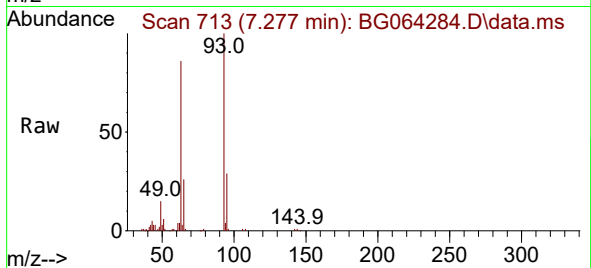
#11
bis(2-Chloroethyl)ether
Concen: 40.260 ng
RT: 7.277 min Scan# 714
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD

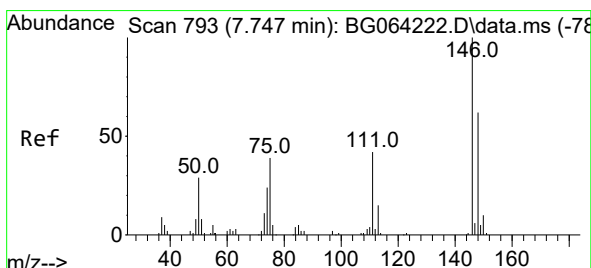
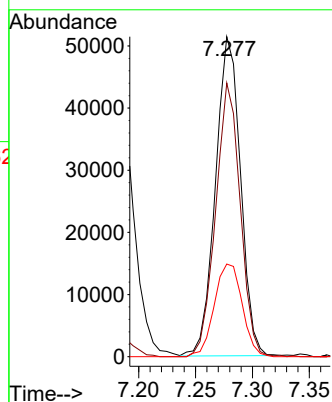
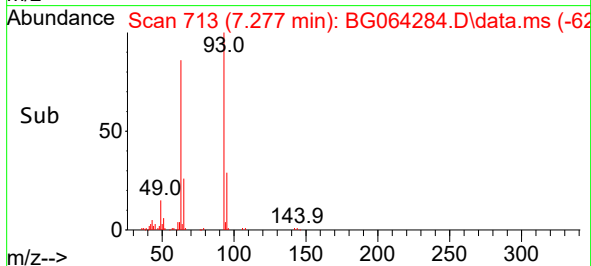


Tgt Ion: 93 Resp: 78664
Ion Ratio Lower Upper
93 100
63 85.6 66.2 106.2
95 28.9 9.8 49.8

Manual Integrations

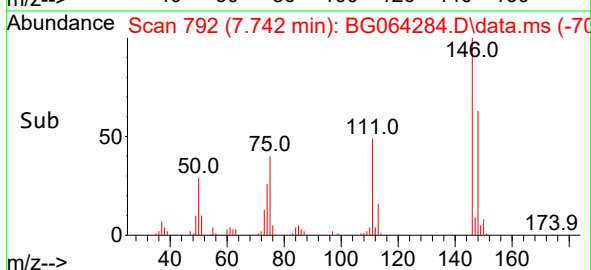
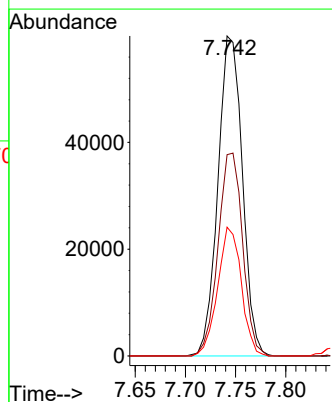
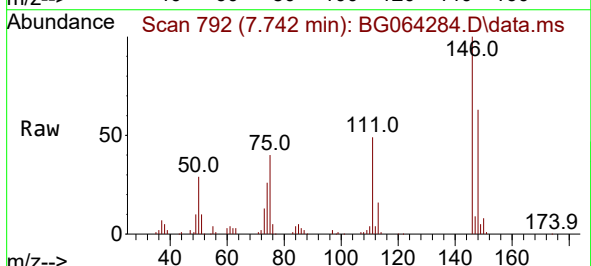
APPROVED

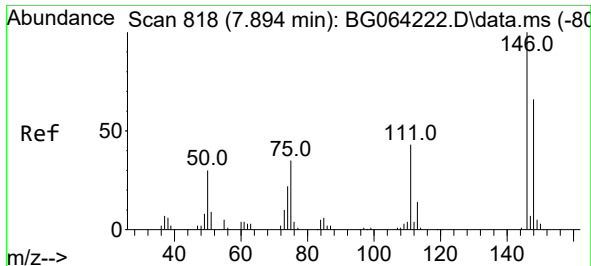
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#12
1,3-Dichlorobenzene
Concen: 45.427 ng
RT: 7.742 min Scan# 792
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Tgt Ion:146 Resp: 101380
Ion Ratio Lower Upper
146 100
148 62.9 49.6 74.4
75 40.3 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 46.515 ng

RT: 7.888 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG064284.D

Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD

Tgt Ion:146 Resp: 10476

Ion Ratio Lower Upper

146 100

148 59.1 52.8 79.2

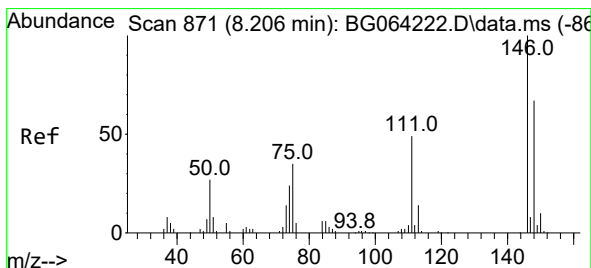
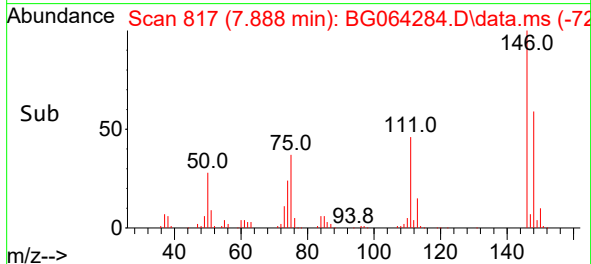
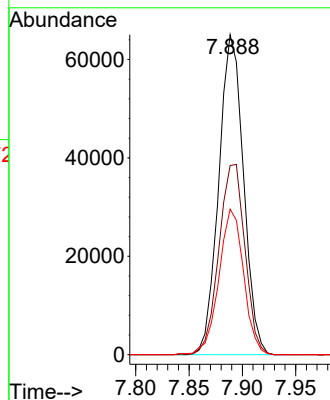
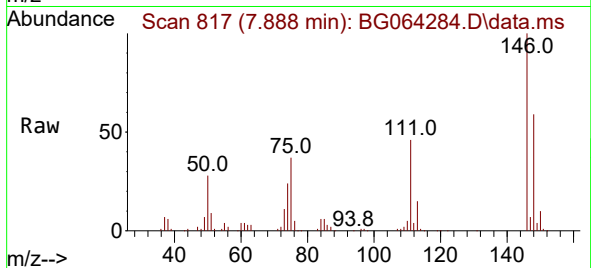
111 45.5 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#14

1,2-Dichlorobenzene

Concen: 46.447 ng

RT: 8.206 min Scan# 871

Delta R.T. -0.006 min

Lab File: BG064284.D

Acq: 4 Sep 2025 15:42

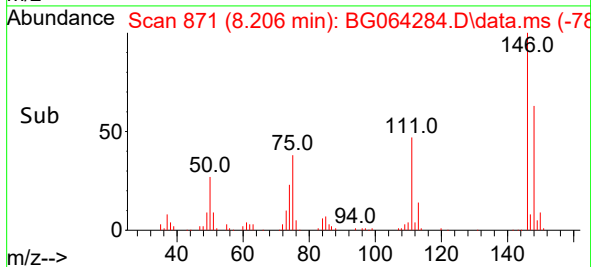
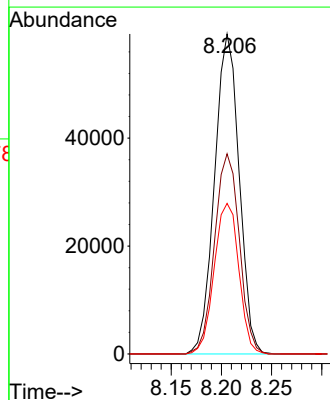
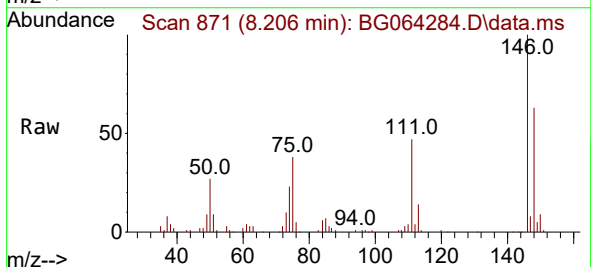
Tgt Ion:146 Resp: 100965

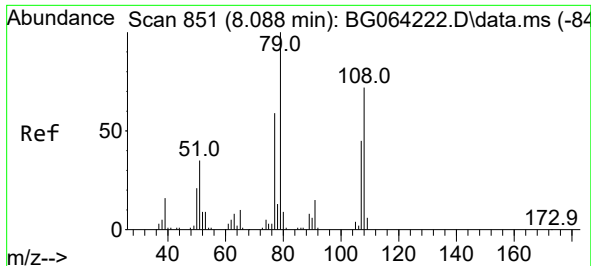
Ion Ratio Lower Upper

146 100

148 62.6 53.4 80.0

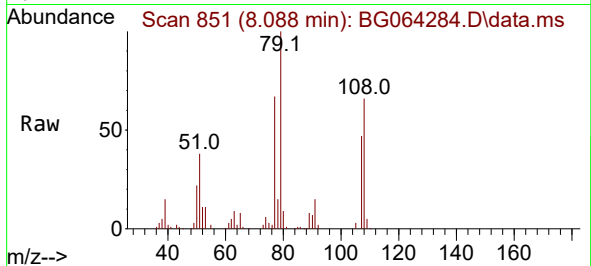
111 47.1 39.1 58.7





#15
Benzyl Alcohol
Concen: 44.059 ng
RT: 8.088 min Scan# 801
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

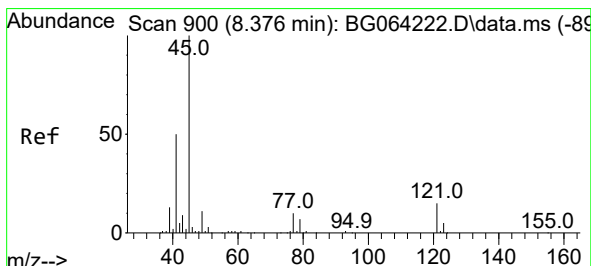
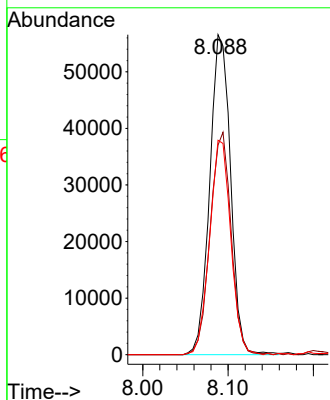
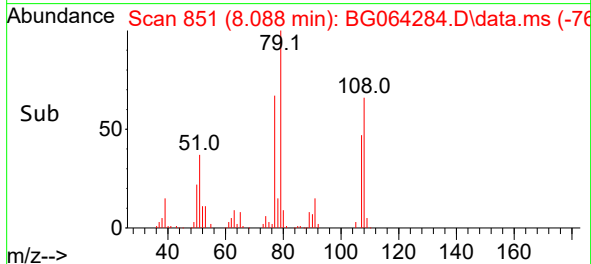
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



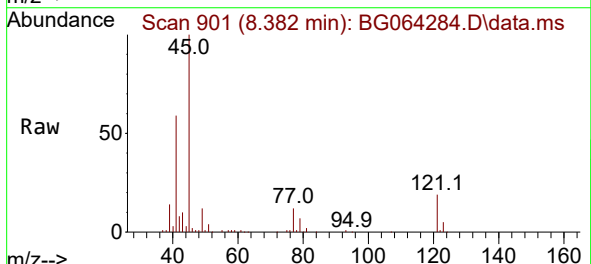
Tgt Ion: 79 Resp: 95890
Ion Ratio Lower Upper
79 100
108 65.5 57.4 86.0
77 67.0 47.2 70.8

Manual Integrations
APPROVED

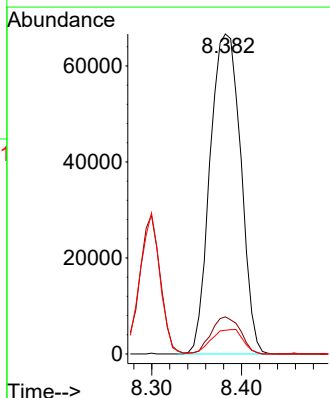
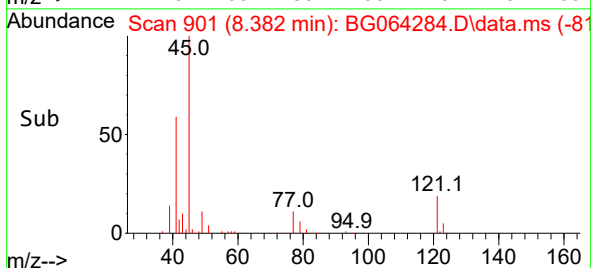
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

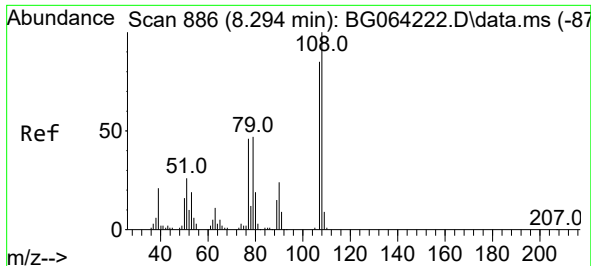


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.427 ng
RT: 8.382 min Scan# 901
Delta R.T. 0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42



Tgt Ion: 45 Resp: 158042
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.0
79 7.4 0.0 27.9





#17
2-Methylphenol
Concen: 43.740 ng
RT: 8.300 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

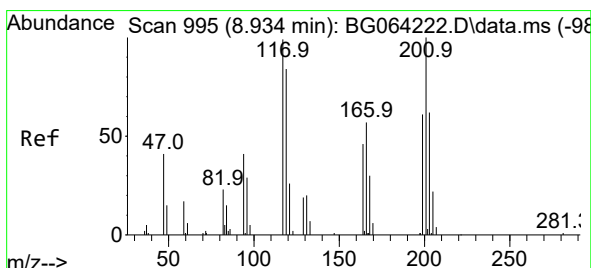
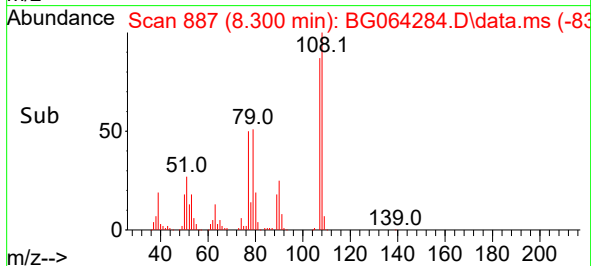
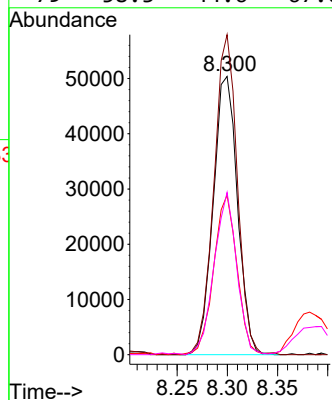
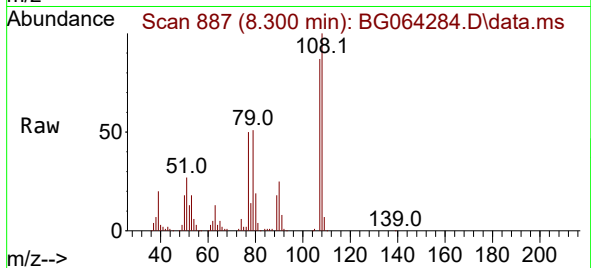
VNJ-231MSD

Tgt Ion:107 Resp: 84764
Ion Ratio Lower Upper
107 100
108 115.0 94.6 141.8
77 57.3 43.7 65.5
79 58.3 44.6 67.0

Manual Integrations

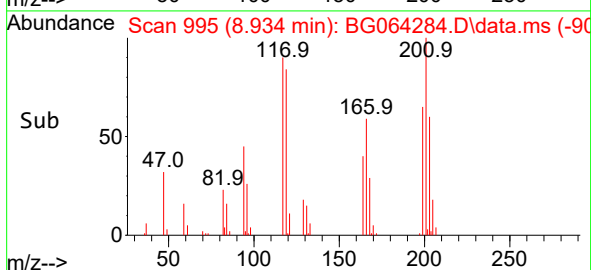
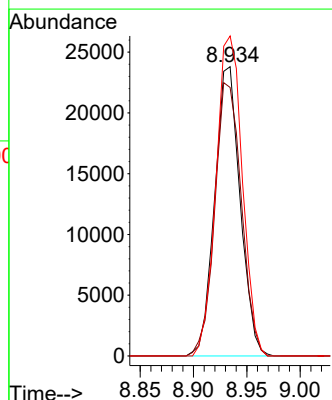
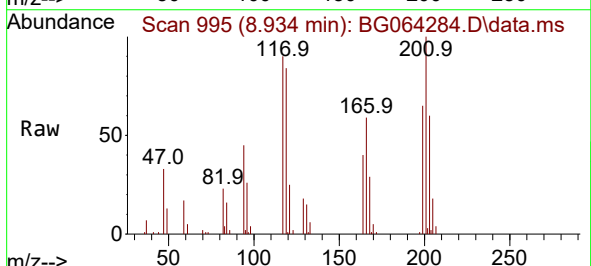
APPROVED

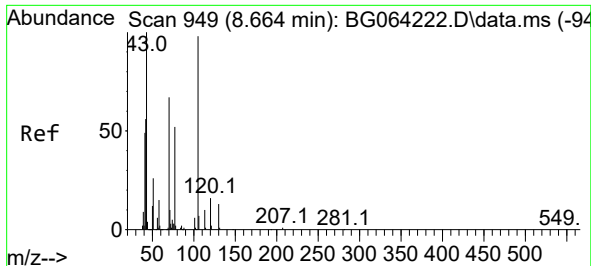
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#18
Hexachloroethane
Concen: 44.882 ng
RT: 8.934 min Scan# 995
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Tgt Ion:117 Resp: 39460
Ion Ratio Lower Upper
117 100
119 92.8 67.9 101.9
201 110.6 80.5 120.7





#19
n-Nitroso-di-n-propylamine
Concen: 40.631 ng
RT: 8.658 min Scan# 949
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

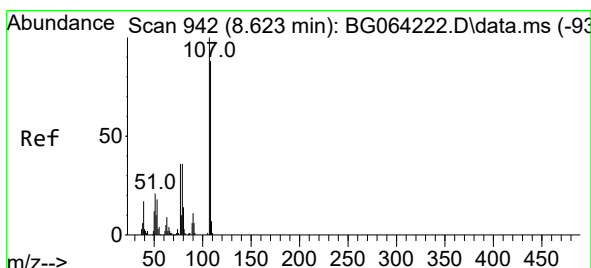
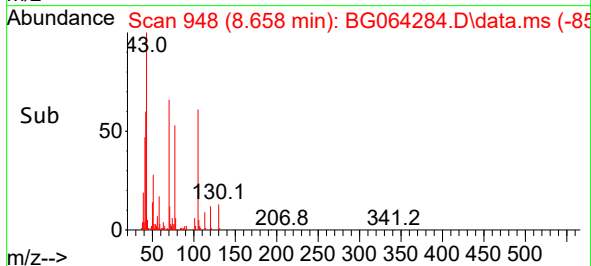
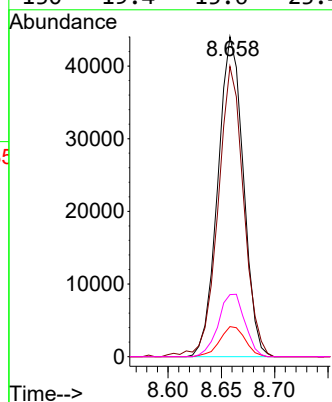
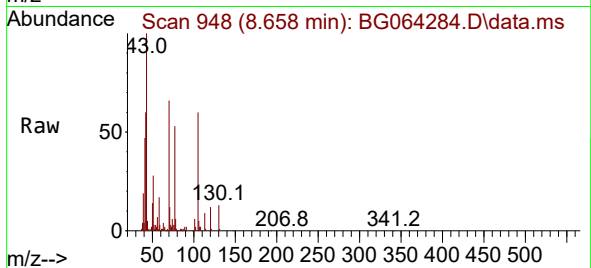
VNJ-231MSD

Tgt Ion: 70 Resp: 73339
Ion Ratio Lower Upper
70 100
42 90.7 67.9 101.9
101 9.4 7.3 10.9
130 19.4 15.6 23.4

Manual Integrations

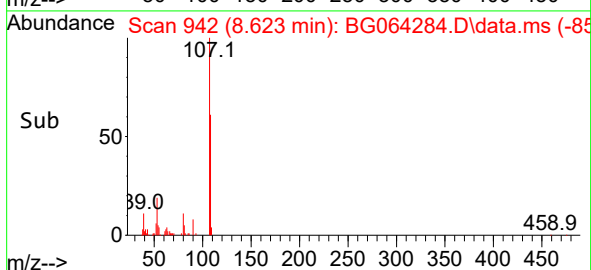
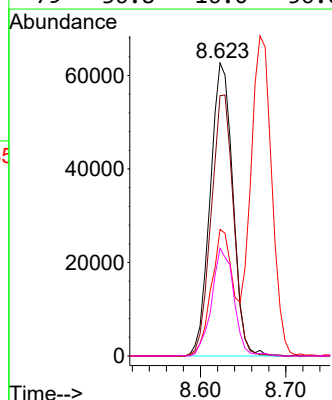
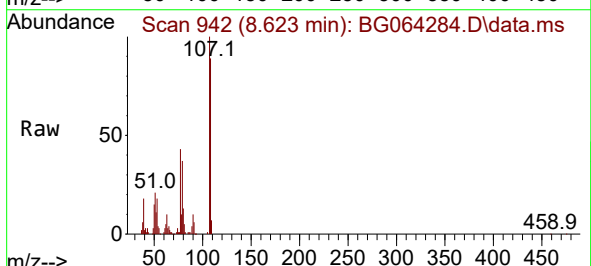
APPROVED

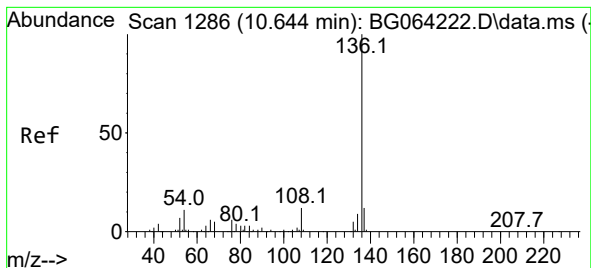
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#20
3+4-Methylphenols
Concen: 42.997 ng
RT: 8.623 min Scan# 942
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

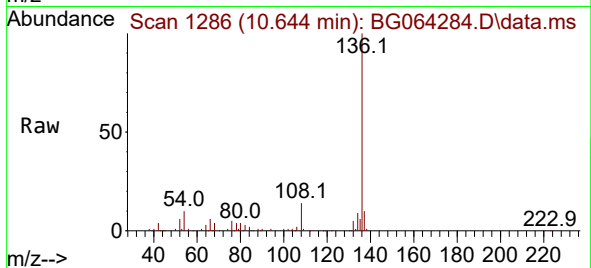
Tgt Ion:107 Resp: 115778
Ion Ratio Lower Upper
107 100
108 88.9 68.1 108.1
77 43.2 15.9 55.9
79 36.8 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

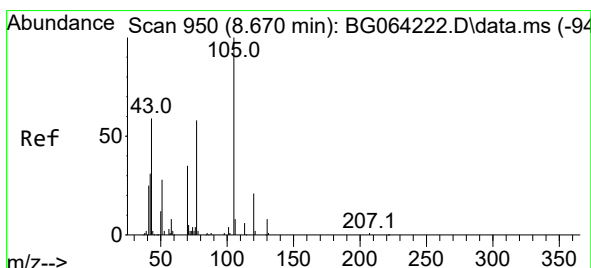
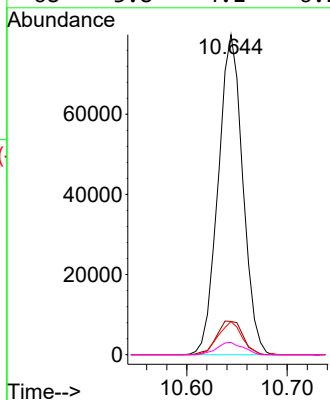
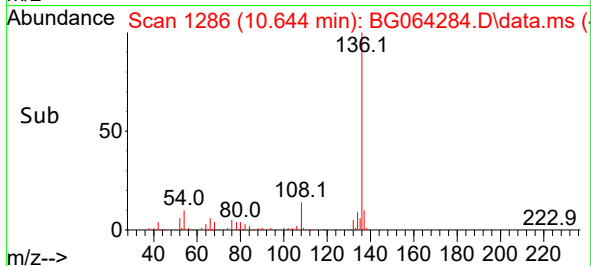
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



Tgt Ion:136 Resp: 13566
Ion Ratio Lower Upper
136 100
137 10.4 9.6 14.4
54 10.3 8.8 13.2
68 3.8 4.1 6.1#

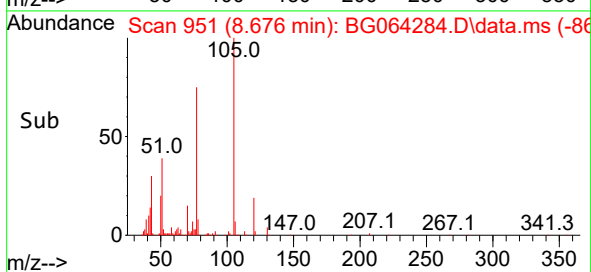
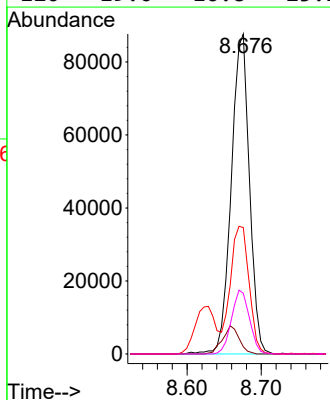
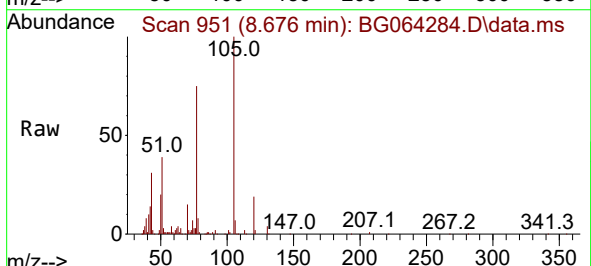
Manual Integrations
APPROVED

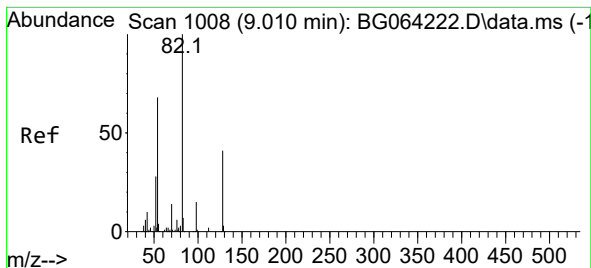
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#22
Acetophenone
Concen: 43.427 ng
RT: 8.676 min Scan# 951
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Tgt Ion:105 Resp: 149050
Ion Ratio Lower Upper
105 100
71 2.3 4.3 6.5#
51 39.5 32.4 48.6
120 19.0 16.8 25.2





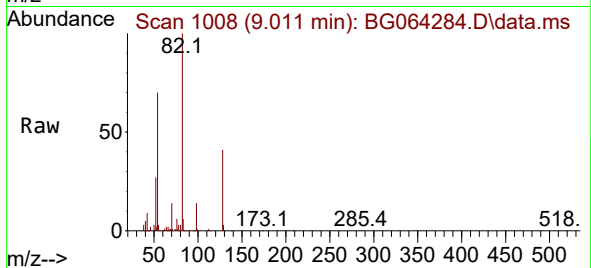
#23
Nitrobenzene-d5
Concen: 88.128 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD



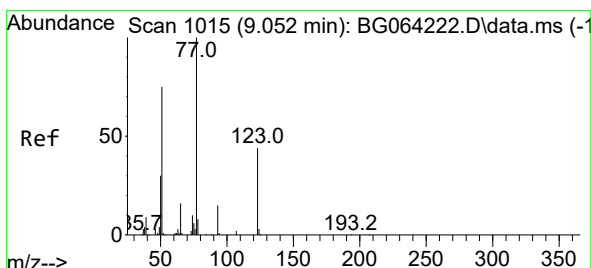
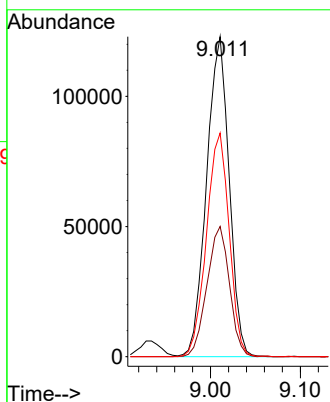
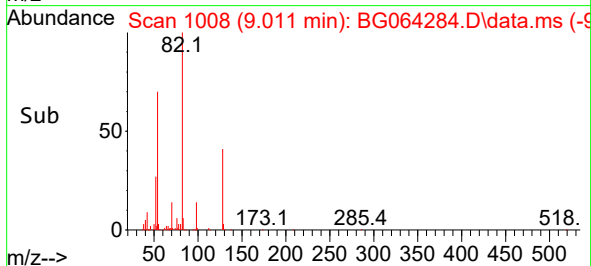
Tgt Ion: 82 Resp: 214378
Ion Ratio Lower Upper
82 100
128 40.7 32.6 48.8
54 69.9 54.7 82.1

Manual Integrations

APPROVED

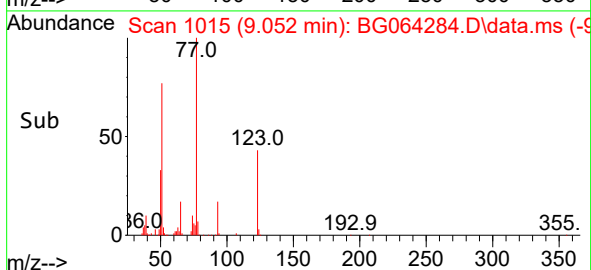
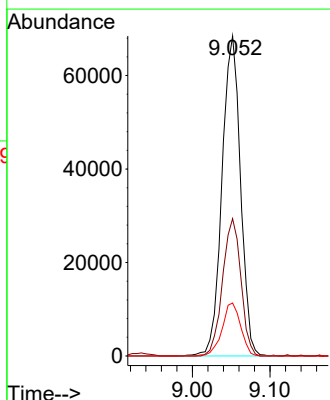
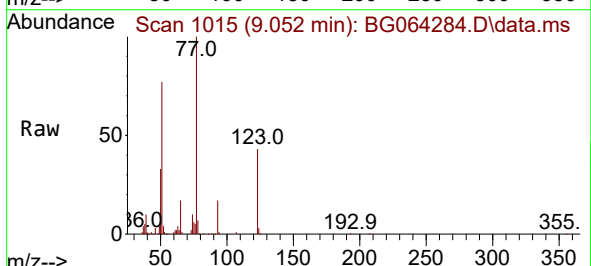
Reviewed By :Rahul Chavli 09/05/2025

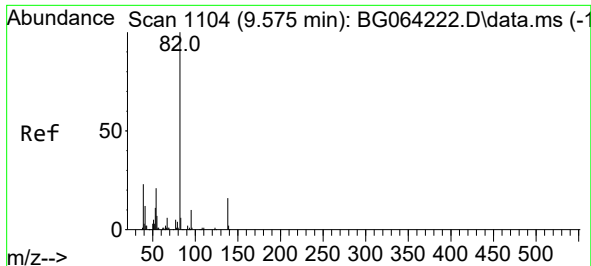
Supervised By :Jagrut Upadhyay 09/05/2025



#24
Nitrobenzene
Concen: 44.722 ng
RT: 9.052 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

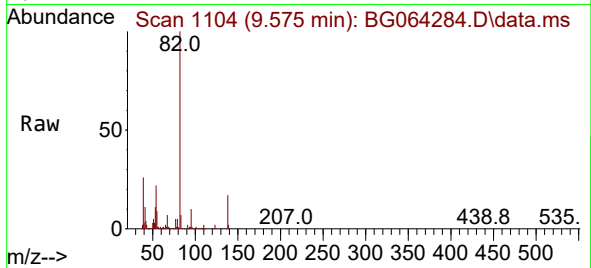
Tgt Ion: 77 Resp: 113665
Ion Ratio Lower Upper
77 100
123 42.9 35.2 52.8
65 16.6 12.6 19.0





#25
Isophorone
Concen: 40.225 ng
RT: 9.575 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

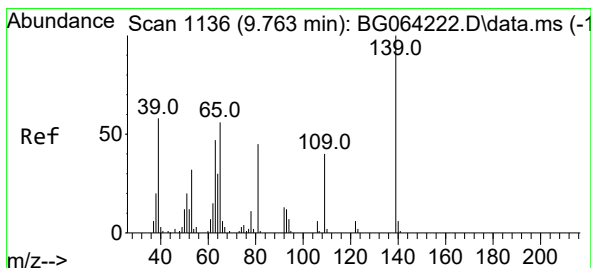
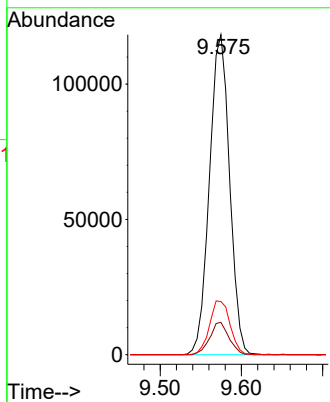
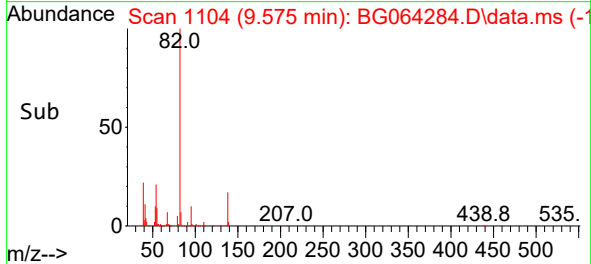
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



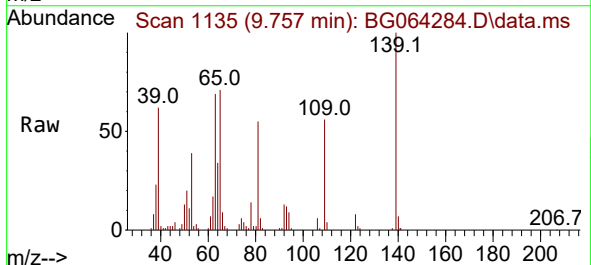
Tgt Ion: 82 Resp: 203362
Ion Ratio Lower Upper
82 100
95 10.1 7.9 11.9
138 16.6 13.0 19.4

Manual Integrations
APPROVED

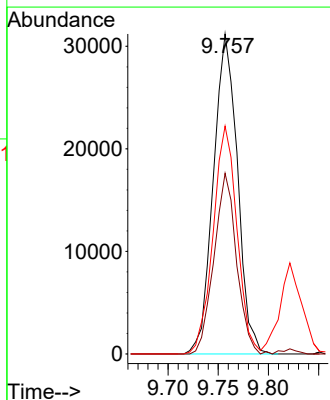
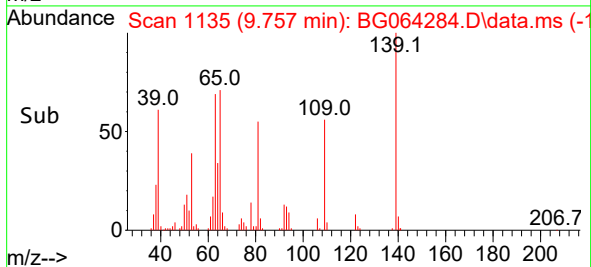
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

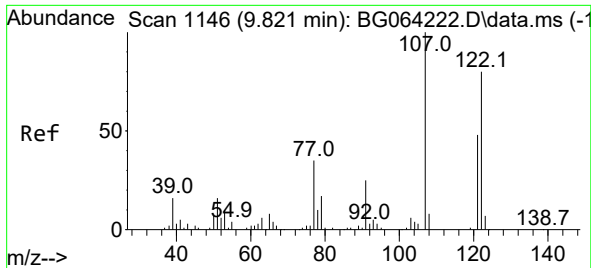


#26
2-Nitrophenol
Concen: 47.259 ng
RT: 9.757 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42



Tgt Ion:139 Resp: 51900
Ion Ratio Lower Upper
139 100
109 56.5 32.4 48.6#
65 71.2 44.6 67.0#





#27

2,4-Dimethylphenol

Concen: 51.144 ng

RT: 9.821 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BG064284.D

Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD

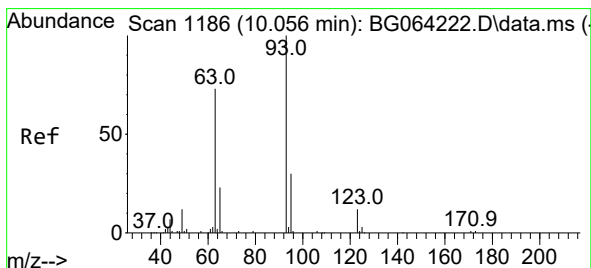
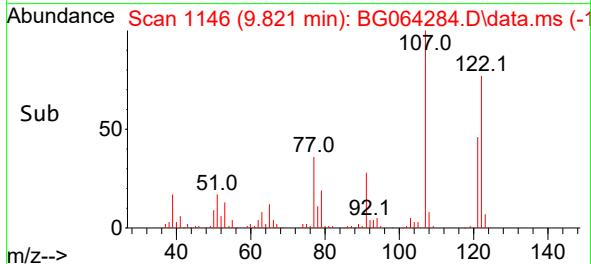
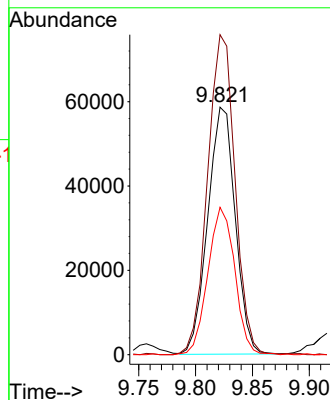
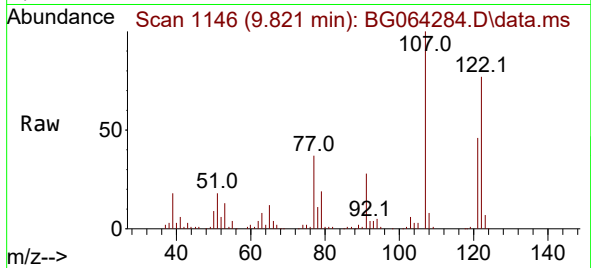
Tgt Ion:122	Resp:	9861
Ion Ratio	Lower	Upper
122	100	
107	129.3	99.9 149.9
121	59.5	48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.250 ng

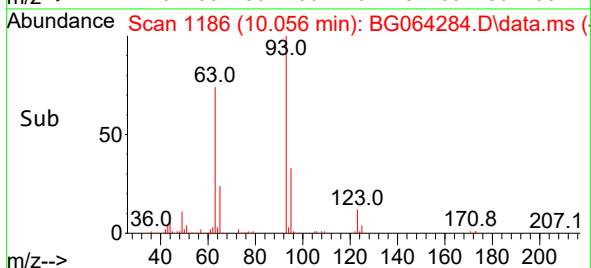
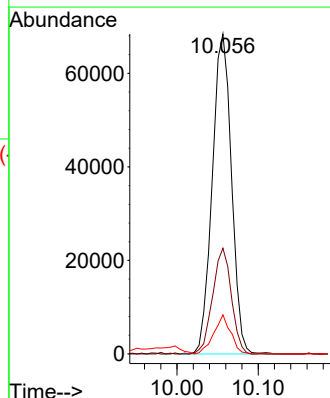
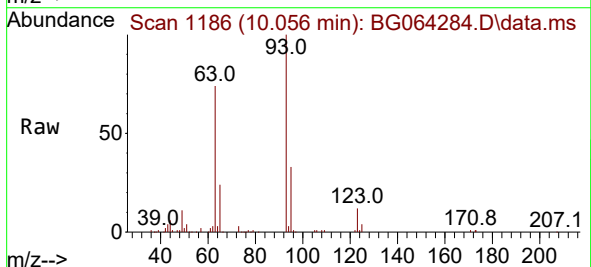
RT: 10.056 min Scan# 1186

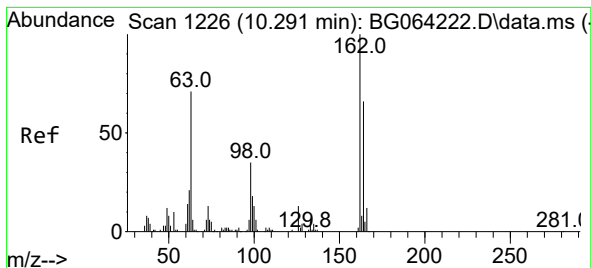
Delta R.T. -0.006 min

Lab File: BG064284.D

Acq: 4 Sep 2025 15:42

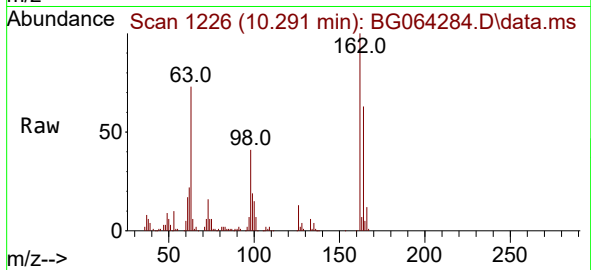
Tgt Ion: 93	Resp:	112449
Ion Ratio	Lower	Upper
93	100	
95	33.0	23.9 35.9
123	12.3	9.6 14.4





#29
2,4-Dichlorophenol
Concen: 49.097 ng
RT: 10.291 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

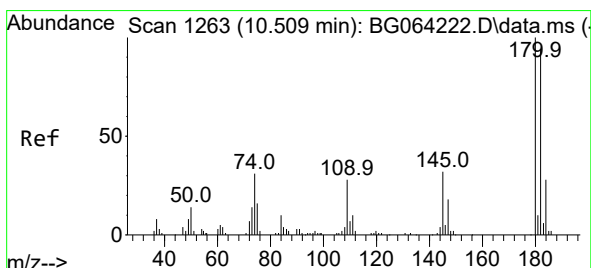
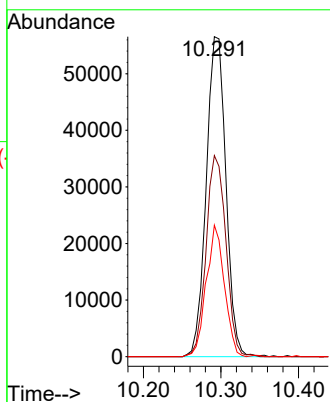
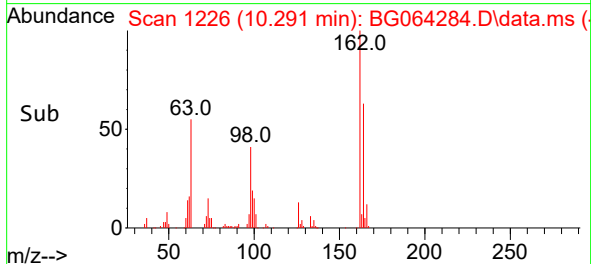
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



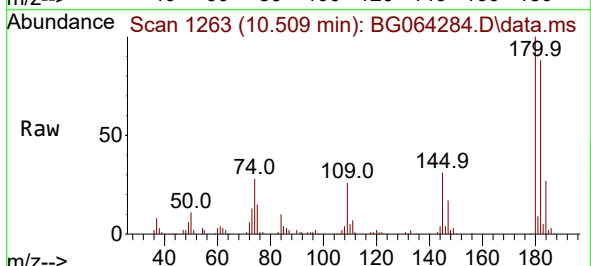
Tgt Ion:162 Resp: 9988
Ion Ratio Lower Upper
162 100
164 62.9 45.8 85.8
98 41.1 15.2 55.2

Manual Integrations
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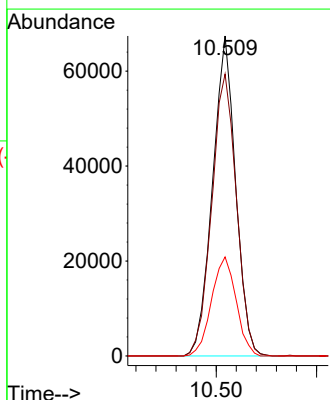
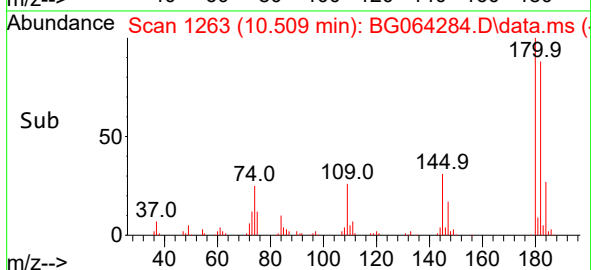
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

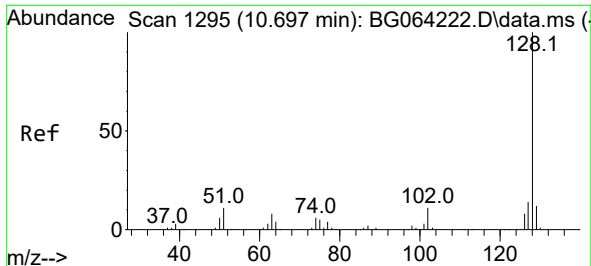


#30
1,2,4-Trichlorobenzene
Concen: 50.102 ng
RT: 10.509 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42



Tgt Ion:180 Resp: 107470
Ion Ratio Lower Upper
180 100
182 88.1 75.0 112.6
145 31.0 25.4 38.0





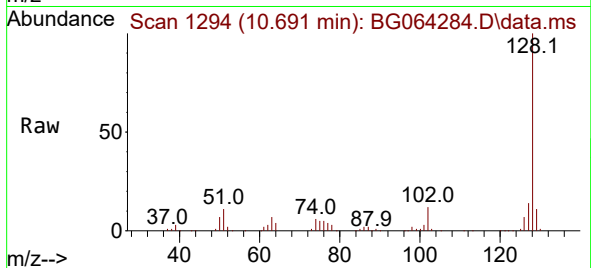
#31
Naphthalene
Concen: 44.122 ng
RT: 10.691 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD

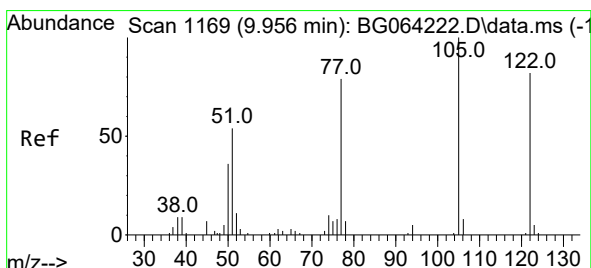
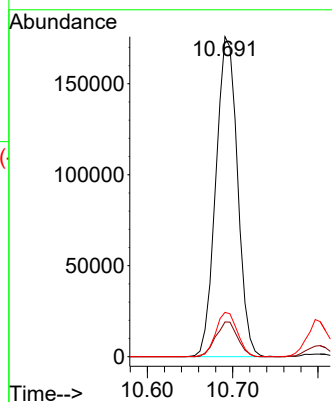
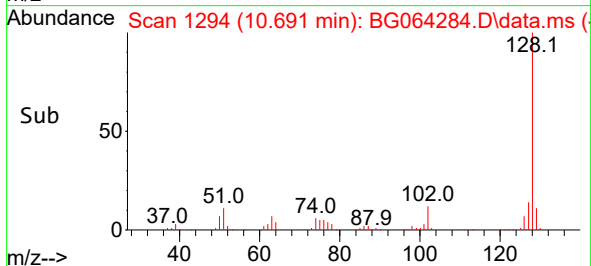


Tgt Ion:128 Resp: 31039
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 13.9 10.9 16.3

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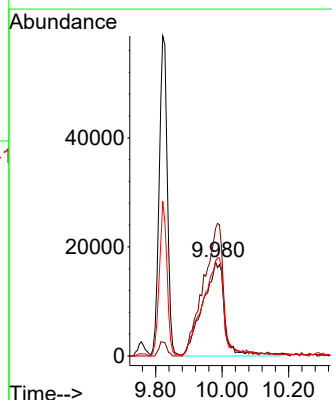
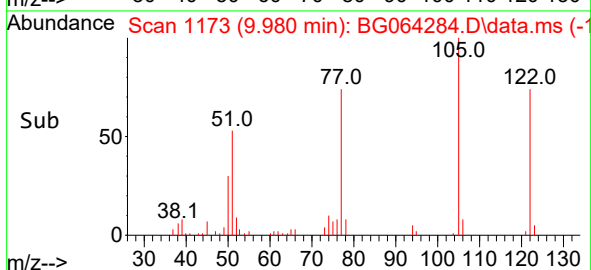
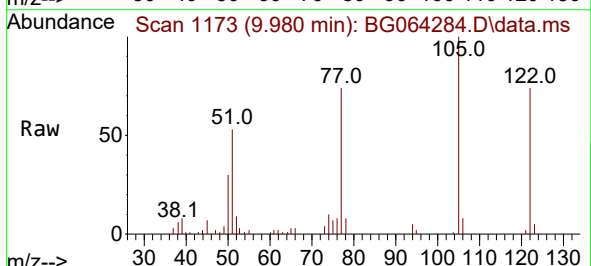
APPROVED

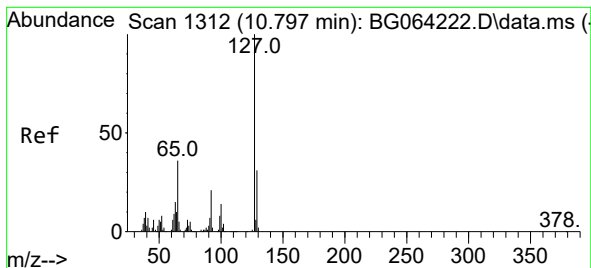
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#32
Benzoic acid
Concen: 51.132 ng m
RT: 9.980 min Scan# 1173
Delta R.T. -0.035 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Tgt Ion:122 Resp: 78258
Ion Ratio Lower Upper
122 100
105 135.0 98.5 138.5
77 100.4 74.6 114.6





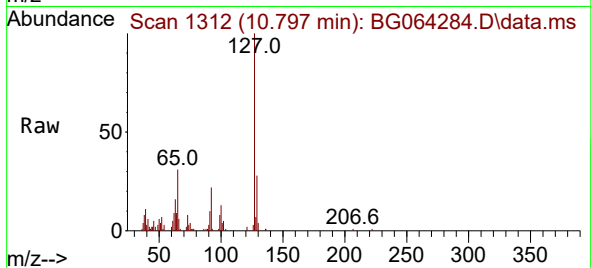
#33
4-Chloroaniline
Concen: 13.951 ng
RT: 10.797 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD



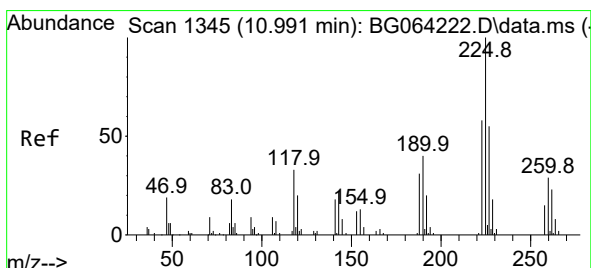
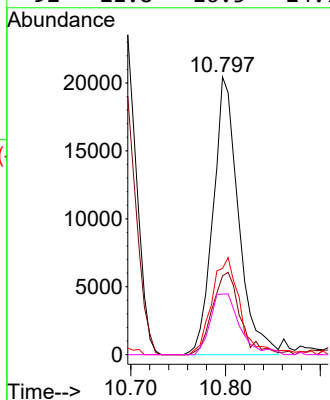
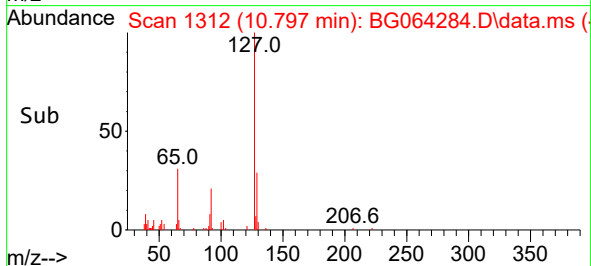
Tgt Ion:127 Resp: 38038
Ion Ratio Lower Upper
127 100
129 28.4 25.0 37.4
65 31.1 28.7 43.1
92 21.8 16.5 24.7

Manual Integrations

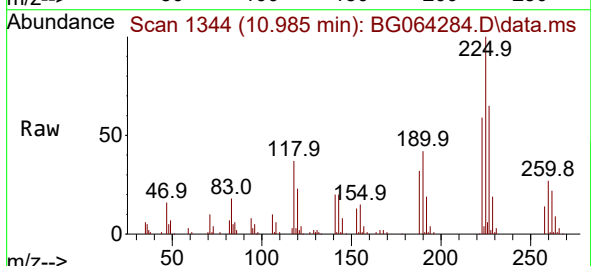
APPROVED

Reviewed By :Rahul Chavli 09/05/2025

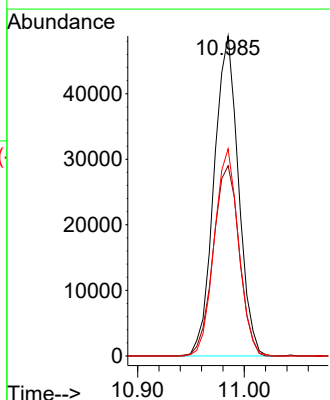
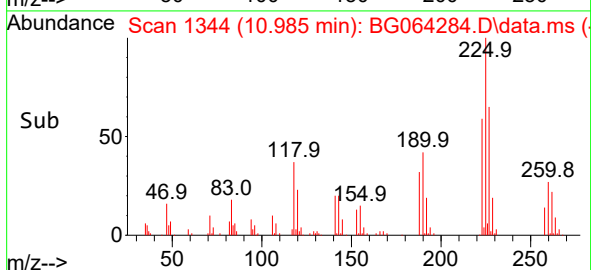
Supervised By :Jagrut Upadhyay 09/05/2025

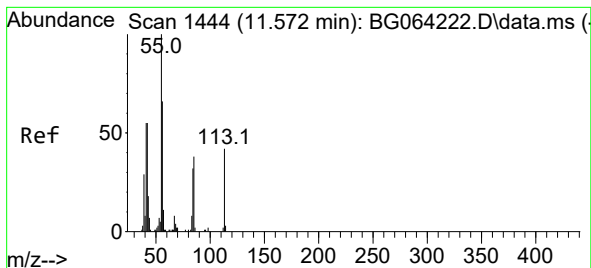


#34
Hexachlorobutadiene
Concen: 48.883 ng
RT: 10.985 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42



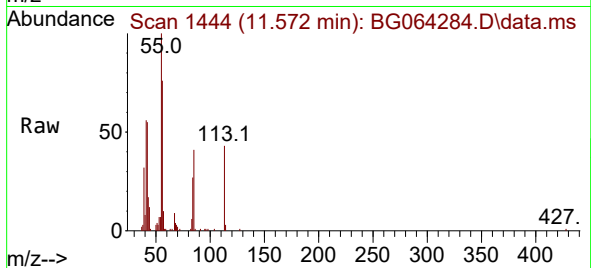
Tgt Ion:225 Resp: 77509
Ion Ratio Lower Upper
225 100
223 59.4 46.5 69.7
227 64.8 44.1 66.1





#35
Caprolactam
Concen: 40.707 ng m
RT: 11.572 min Scan# 14
Delta R.T. -0.029 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

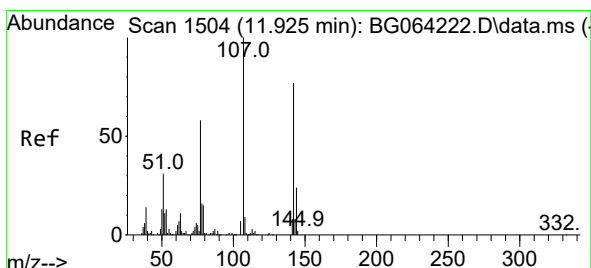
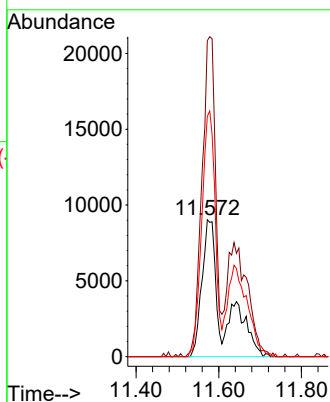
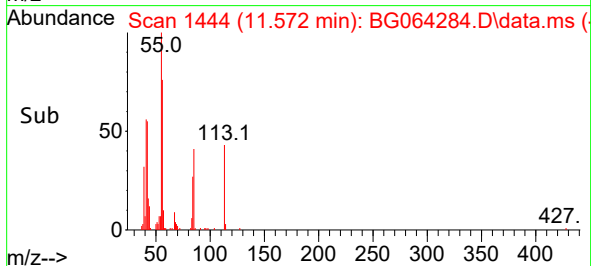
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



Tgt Ion:113 Resp: 32060
Ion Ratio Lower Upper
113 100
55 230.6 218.5 258.5
56 175.4 138.5 178.5

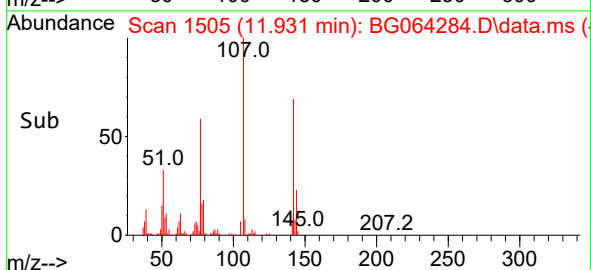
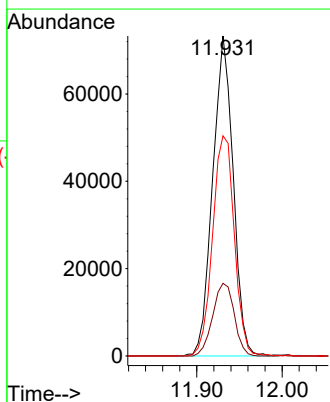
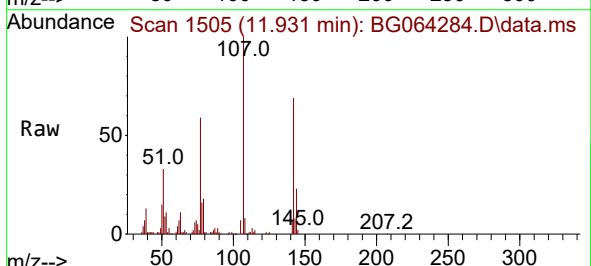
Manual Integrations
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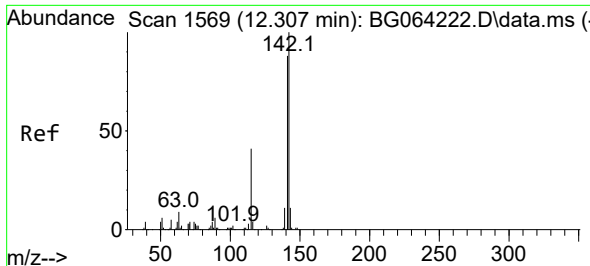
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#36
4-Chloro-3-methylphenol
Concen: 46.255 ng
RT: 11.931 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Tgt Ion:107 Resp: 122091
Ion Ratio Lower Upper
107 100
144 22.7 19.5 29.3
142 68.8 62.0 93.0





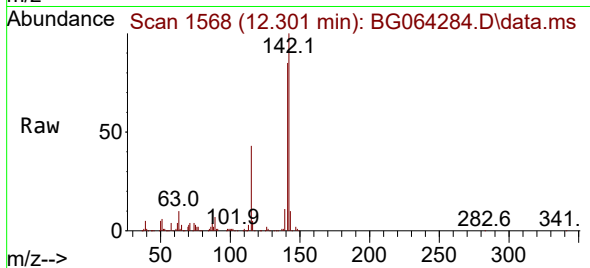
#37
2-Methylnaphthalene
Concen: 40.312 ng
RT: 12.301 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD



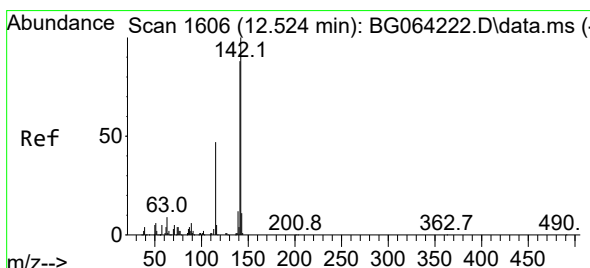
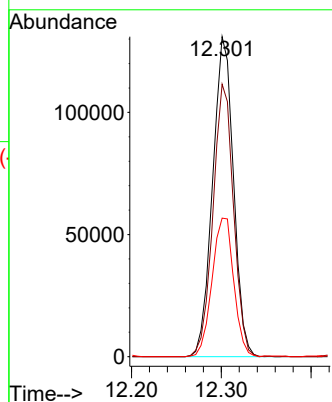
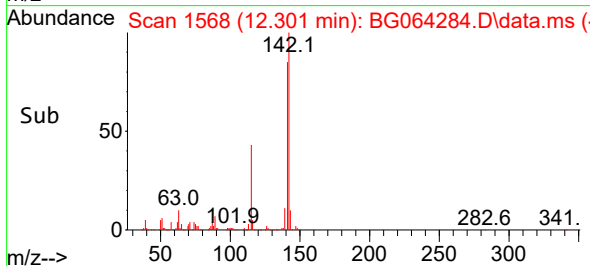
Tgt Ion:142 Resp: 210790
Ion Ratio Lower Upper
142 100
141 85.1 70.1 105.1
115 43.3 33.1 49.7

Manual Integrations

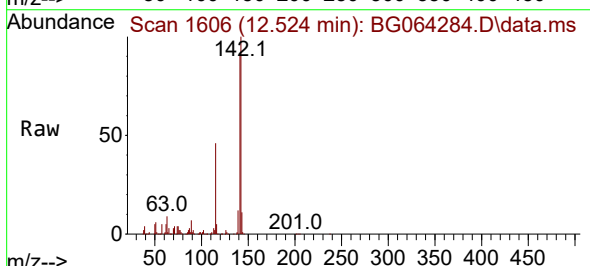
APPROVED

Reviewed By :Rahul Chavli 09/05/2025

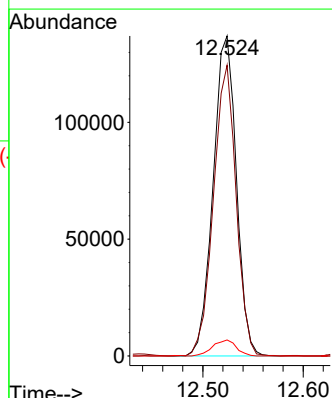
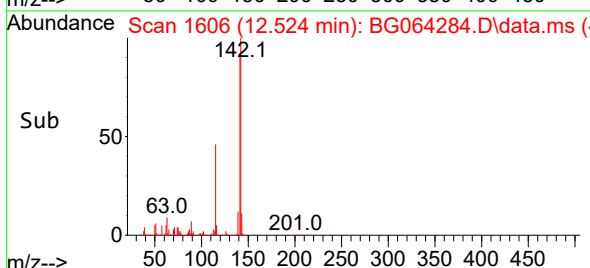
Supervised By :Jagrut Upadhyay 09/05/2025

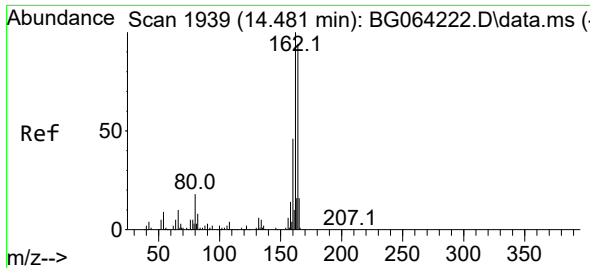


#38
1-Methylnaphthalene
Concen: 42.647 ng
RT: 12.524 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42



Tgt Ion:142 Resp: 220269
Ion Ratio Lower Upper
142 100
141 90.9 70.3 105.5
116 5.0 3.7 5.5





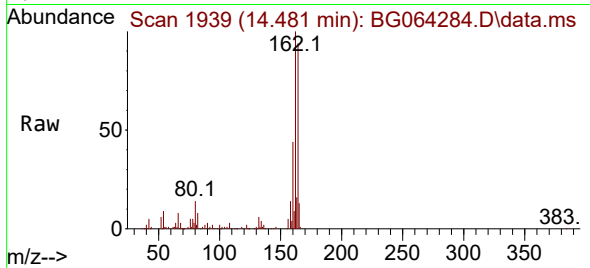
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD



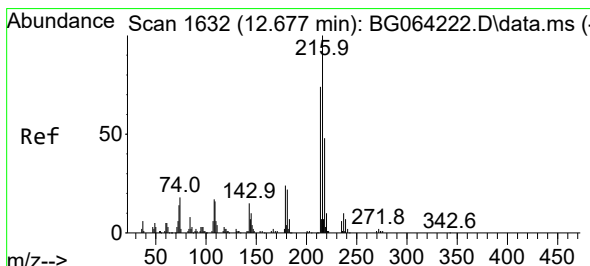
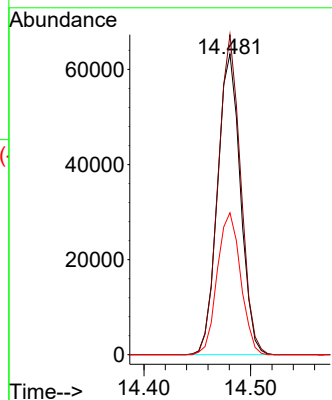
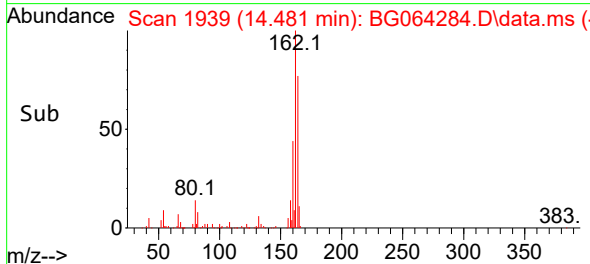
Tgt Ion:164 Resp: 9426
Ion Ratio Lower Upper
164 100
162 106.4 85.4 128.0
160 47.2 39.2 58.8

Manual Integrations

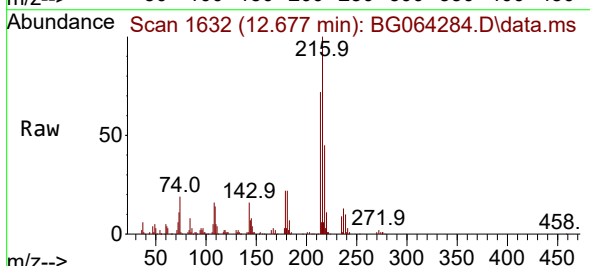
APPROVED

Reviewed By :Rahul Chavli 09/05/2025

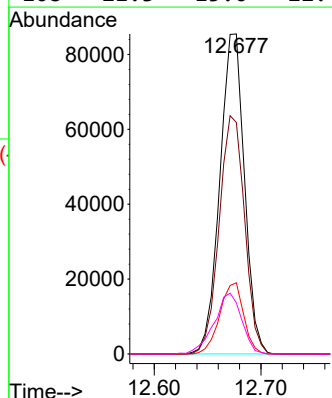
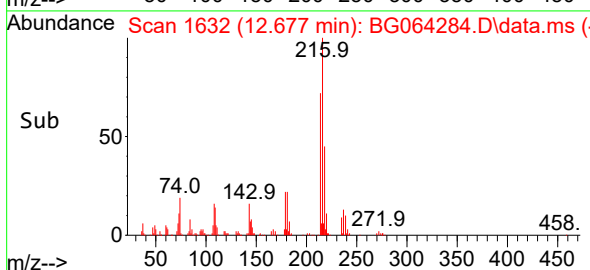
Supervised By :Jagrut Upadhyay 09/05/2025

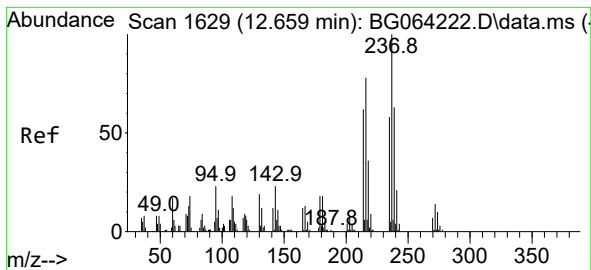


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.420 ng
RT: 12.677 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42



Tgt Ion:216 Resp: 137136
Ion Ratio Lower Upper
216 100
214 76.7 61.9 92.9
179 21.6 17.9 26.9
108 21.3 15.0 22.4





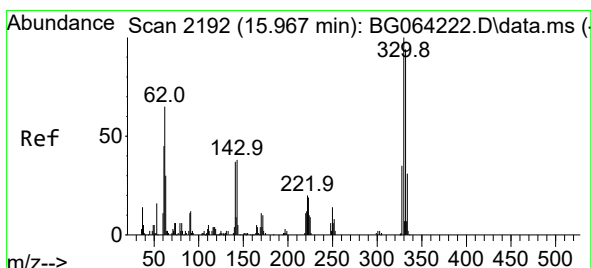
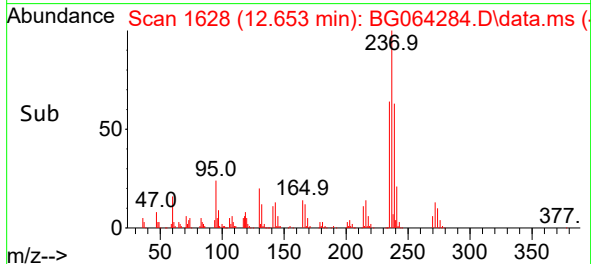
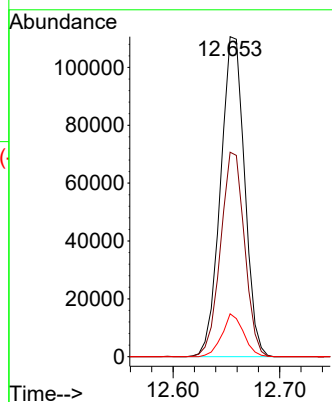
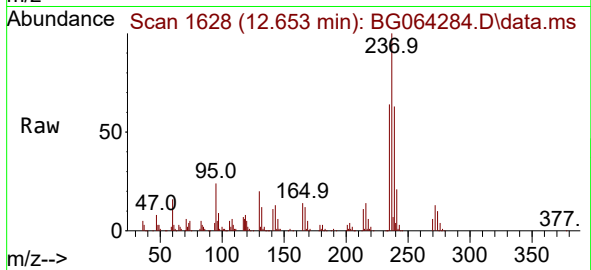
#41
Hexachlorocyclopentadiene
Concen: 133.824 ng
RT: 12.653 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD

Tgt Ion:237 Resp: 17299
Ion Ratio Lower Upper
237 100
235 63.9 37.9 77.9
272 13.4 0.0 33.8

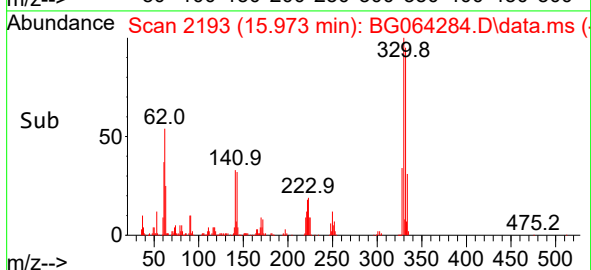
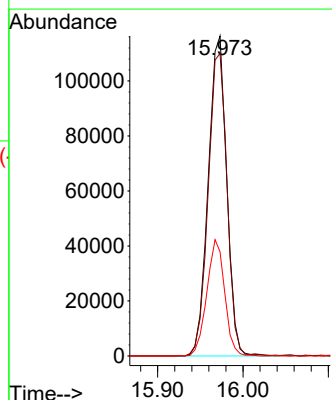
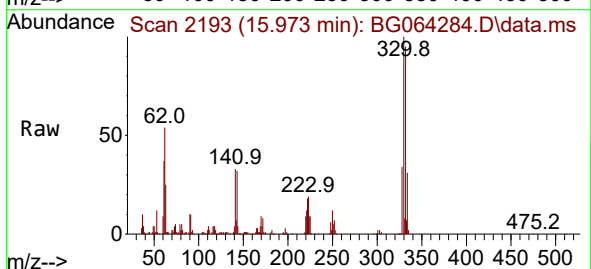
Manual Integrations
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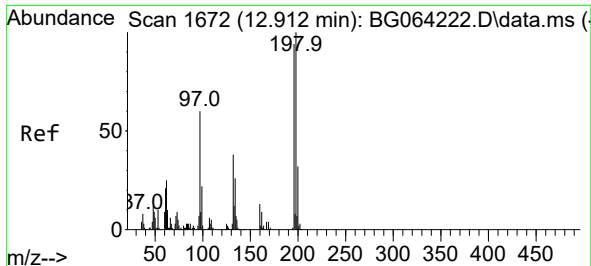
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#42
2,4,6-Tribromophenol
Concen: 140.246 ng
RT: 15.973 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Tgt Ion:330 Resp: 175112
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 35.1 29.8 44.6





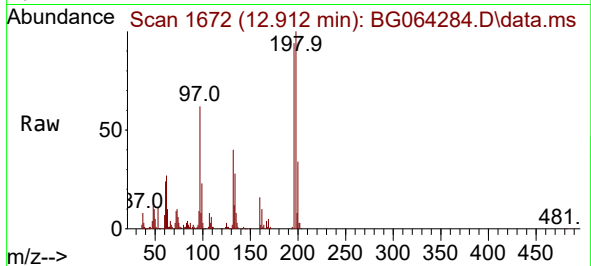
#43
2,4,6-Trichlorophenol
Concen: 48.761 ng
RT: 12.912 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD



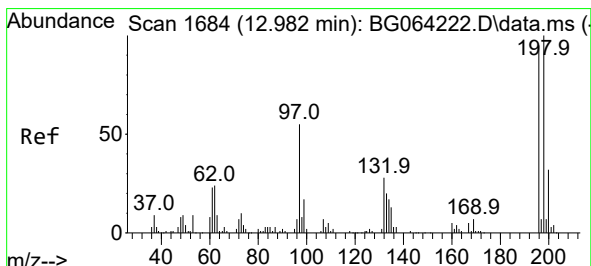
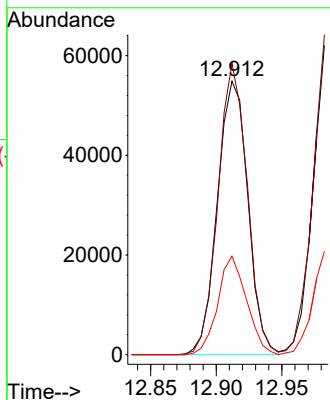
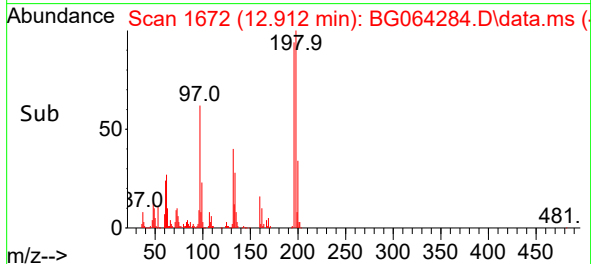
Tgt Ion:196 Resp: 88644
Ion Ratio Lower Upper
196 100
198 106.6 85.4 128.2
200 36.0 27.3 40.9

Manual Integrations

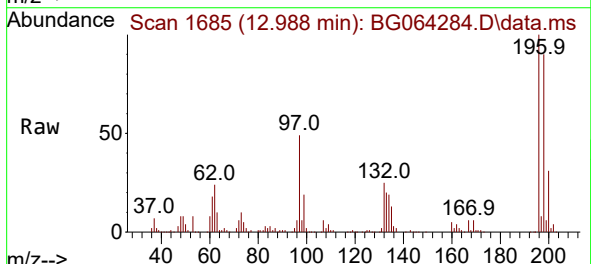
APPROVED

Reviewed By :Rahul Chavli 09/05/2025

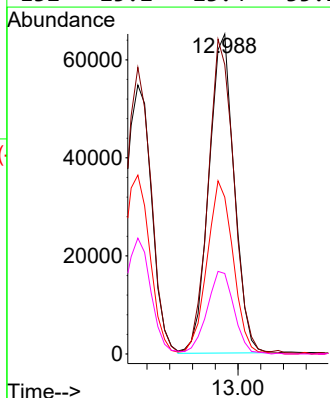
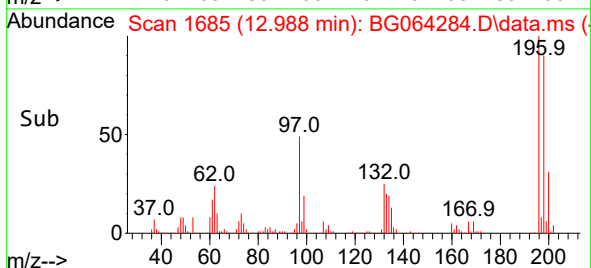
Supervised By :Jagrut Upadhyay 09/05/2025

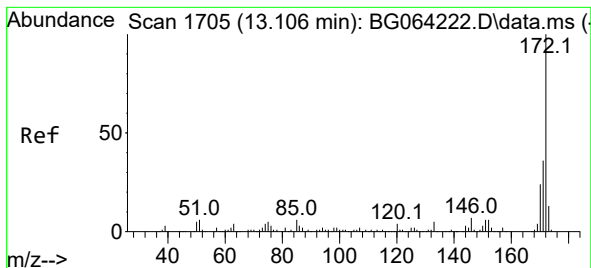


#44
2,4,5-Trichlorophenol
Concen: 51.005 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42



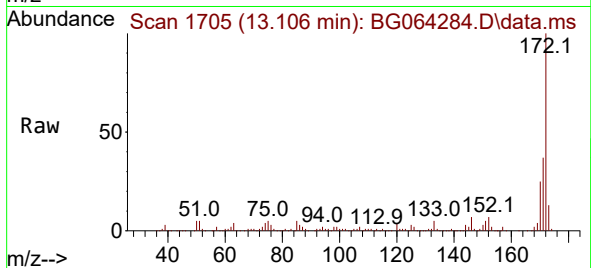
Tgt Ion:196 Resp: 100584
Ion Ratio Lower Upper
196 100
198 90.4 84.5 126.7
97 49.0 46.8 70.2
132 25.2 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 85.738 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

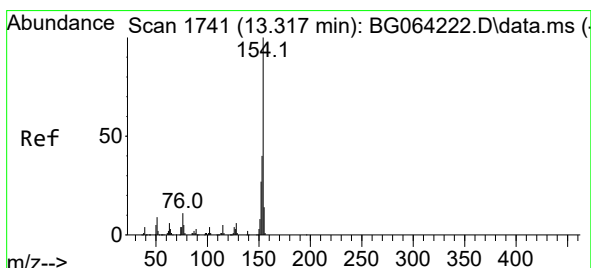
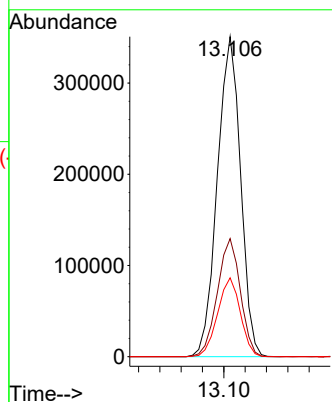
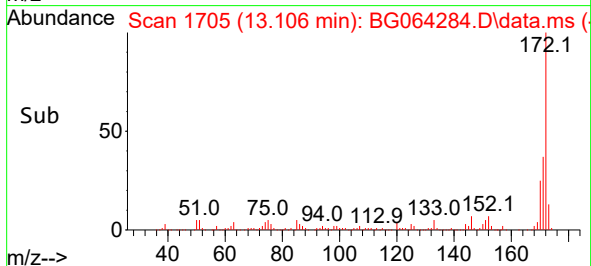
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



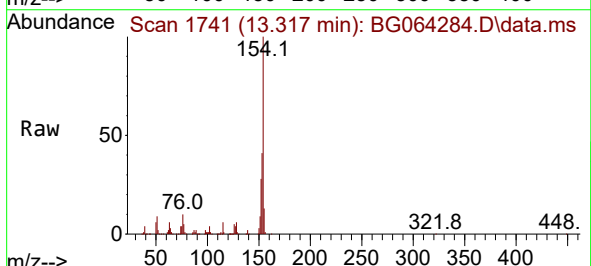
Tgt Ion:172 Resp: 529517
Ion Ratio Lower Upper
172 100
171 36.9 28.7 43.1
170 24.6 19.0 28.6

Manual Integrations
APPROVED

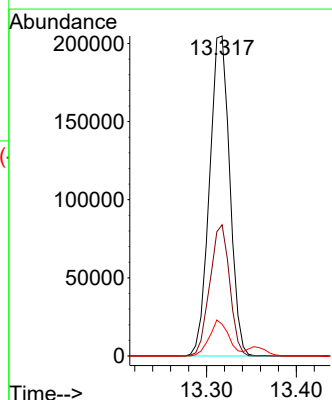
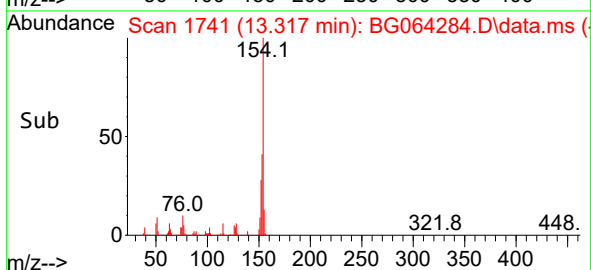
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

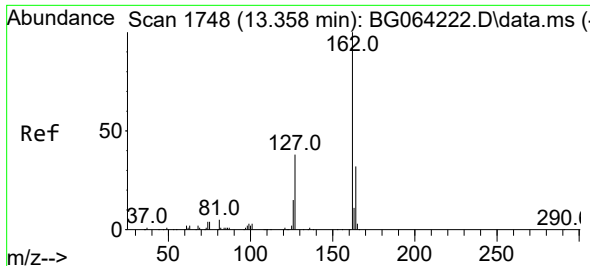


#46
1,1'-Biphenyl
Concen: 46.663 ng
RT: 13.317 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42



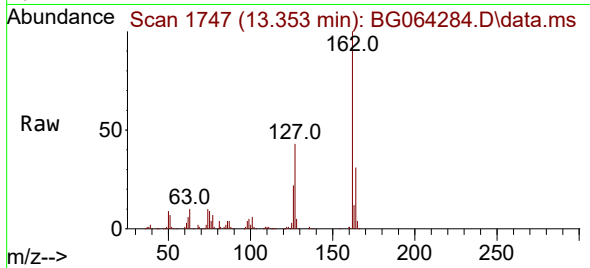
Tgt Ion:154 Resp: 320386
Ion Ratio Lower Upper
154 100
153 41.0 19.9 59.9
76 9.9 0.0 30.9





#47
2-Chloronaphthalene
Concen: 45.331 ng
RT: 13.353 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

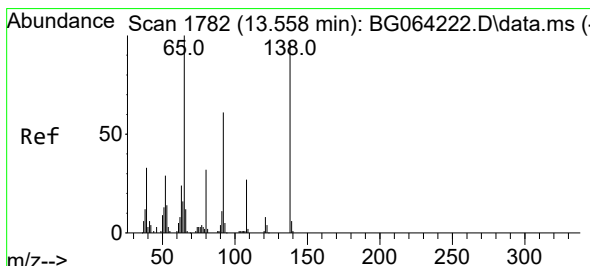
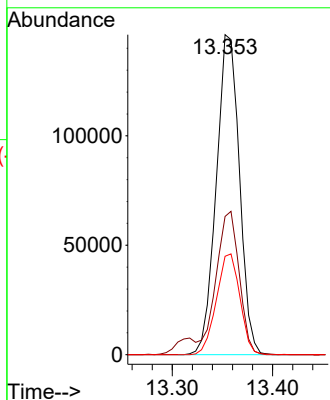
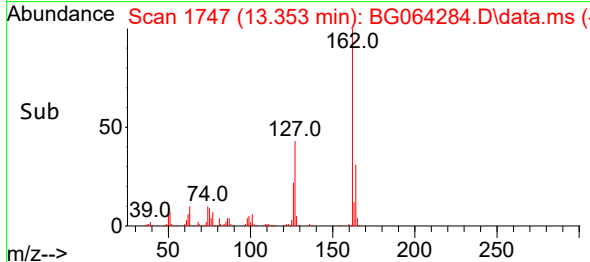
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



Tgt Ion:162 Resp: 23398
Ion Ratio Lower Upper
162 100
127 43.2 33.9 50.9
164 30.7 25.4 38.2

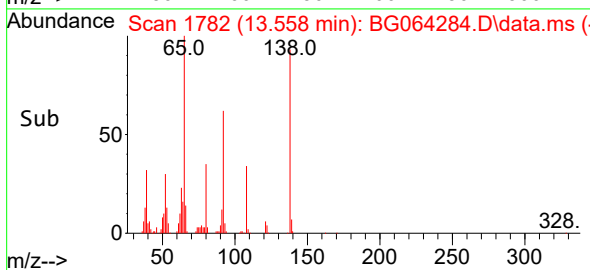
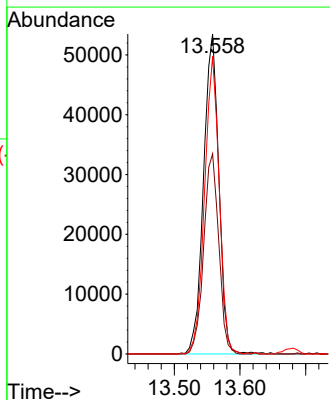
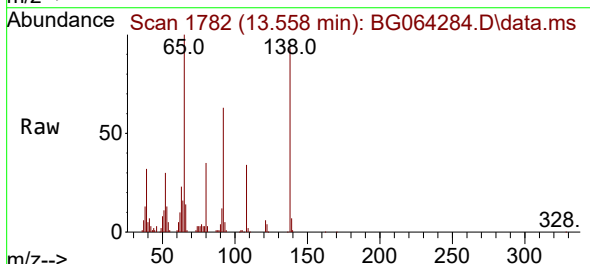
Manual Integrations
APPROVED

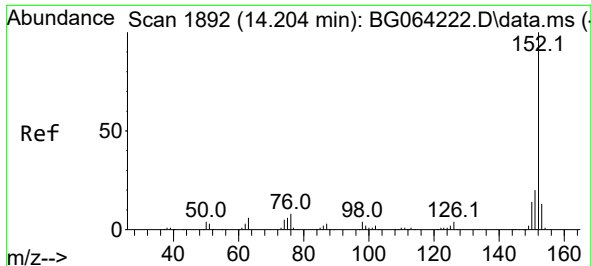
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#48
2-Nitroaniline
Concen: 49.421 ng
RT: 13.558 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Tgt Ion: 65 Resp: 86947
Ion Ratio Lower Upper
65 100
92 62.5 49.2 73.8
138 93.0 76.8 115.2





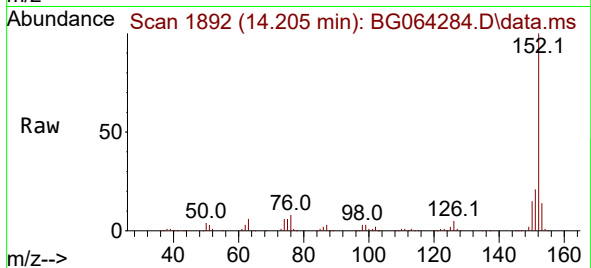
#49
Acenaphthylene
Concen: 51.603 ng
RT: 14.205 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD



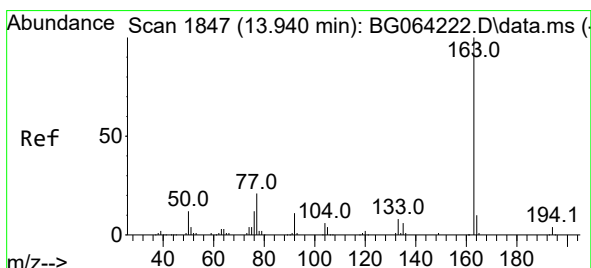
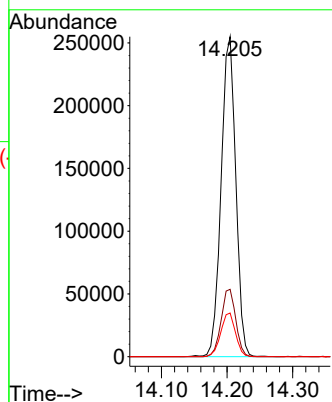
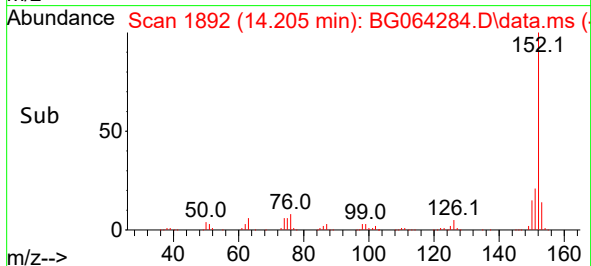
Tgt Ion:152 Resp: 393744
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2
153 13.6 10.1 15.1

Manual Integrations

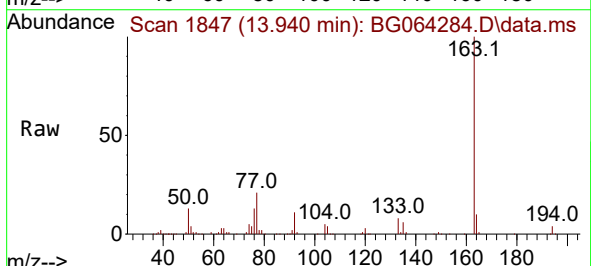
APPROVED

Reviewed By :Rahul Chavli 09/05/2025

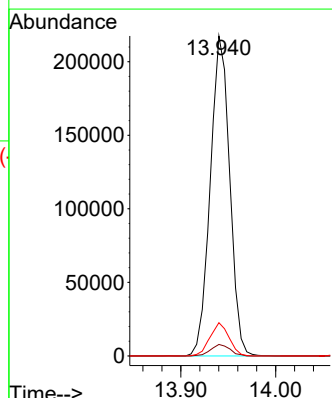
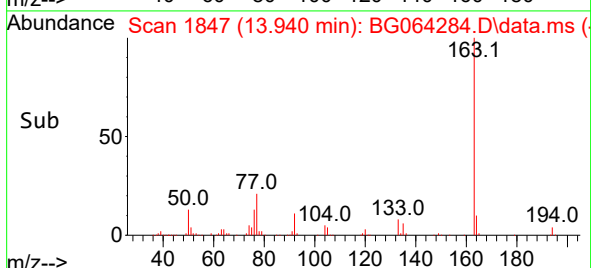
Supervised By :Jagrut Upadhyay 09/05/2025

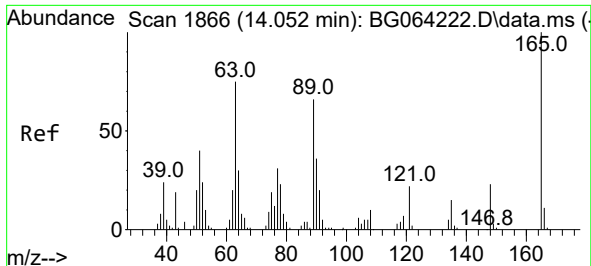


#50
Dimethylphthalate
Concen: 43.401 ng
RT: 13.940 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42



Tgt Ion:163 Resp: 309674
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.4 7.9 11.9





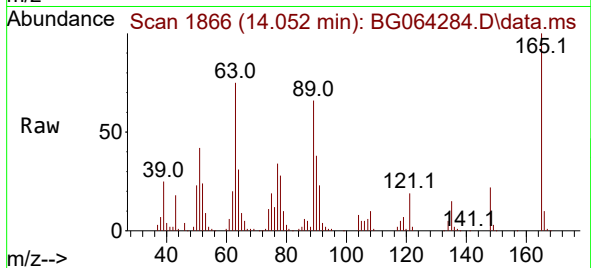
#51
2,6-Dinitrotoluene
Concen: 48.077 ng
RT: 14.052 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD

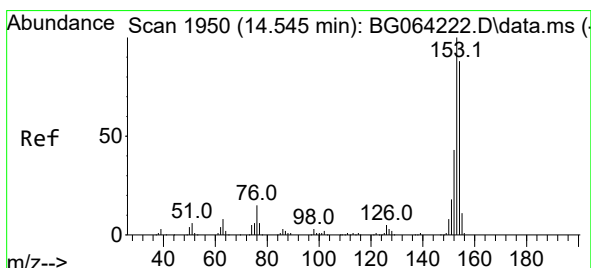
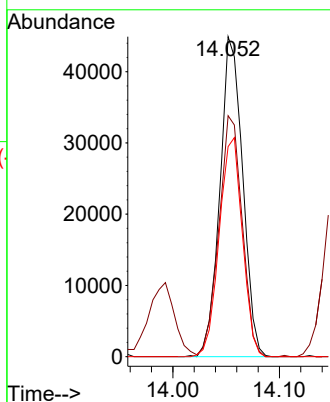
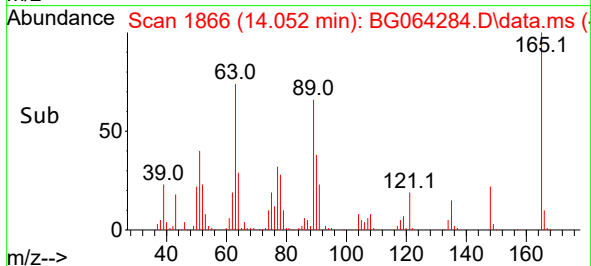


Tgt Ion:165 Resp: 66410
Ion Ratio Lower Upper
165 100
63 75.3 60.3 90.5
89 65.6 52.9 79.3

Manual Integrations

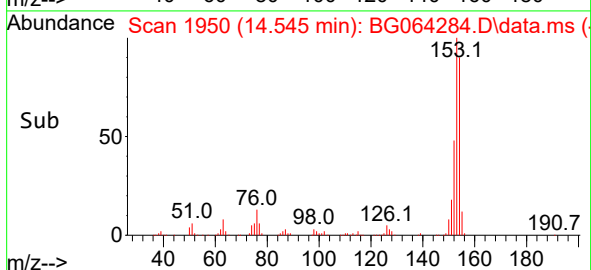
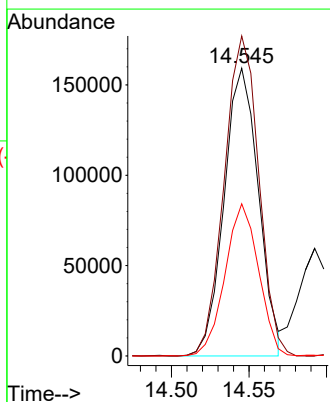
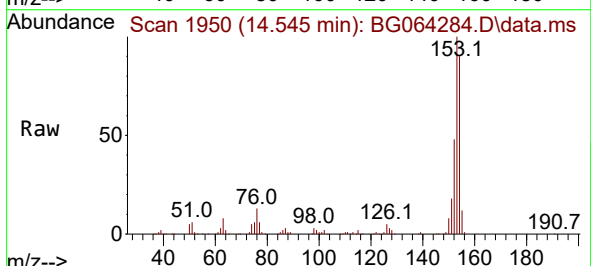
APPROVED

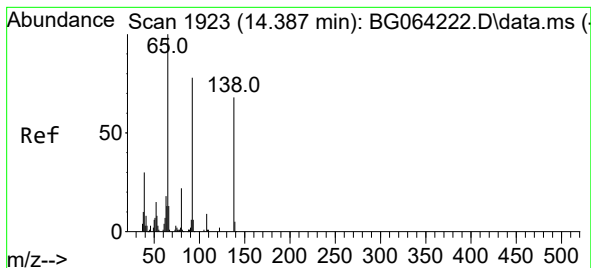
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#52
Acenaphthene
Concen: 45.616 ng
RT: 14.545 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

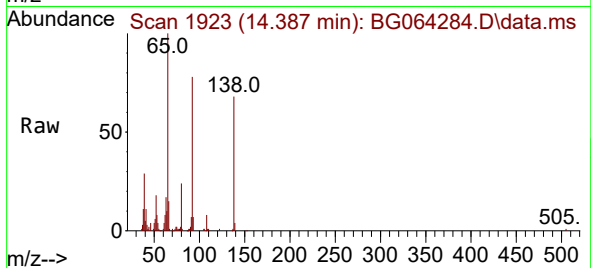
Tgt Ion:154 Resp: 245628
Ion Ratio Lower Upper
154 100
153 111.3 91.1 136.7
152 52.9 39.6 59.4





#53
3-Nitroaniline
Concen: 29.714 ng
RT: 14.387 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

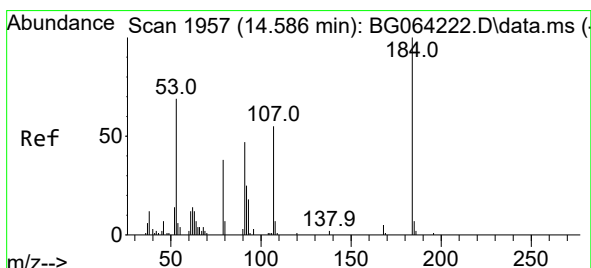
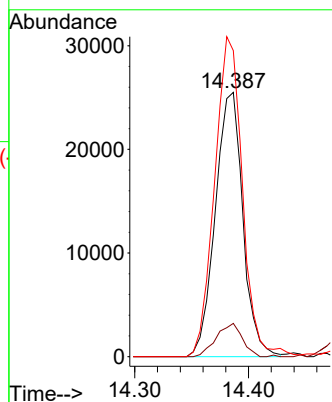
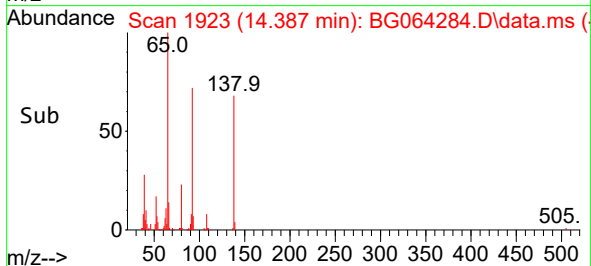
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



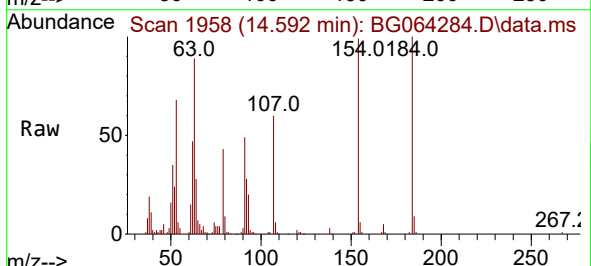
Tgt Ion:138 Resp: 42994
Ion Ratio Lower Upper
138 100
108 12.6 11.0 16.6
92 115.8 91.4 137.0

Manual Integrations
APPROVED

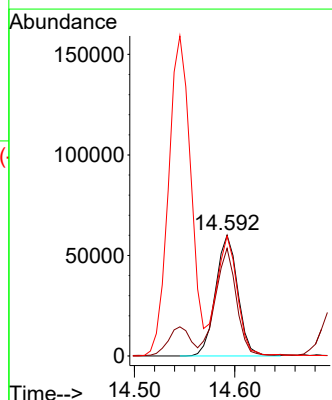
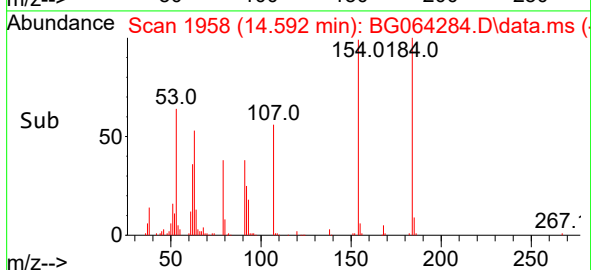
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

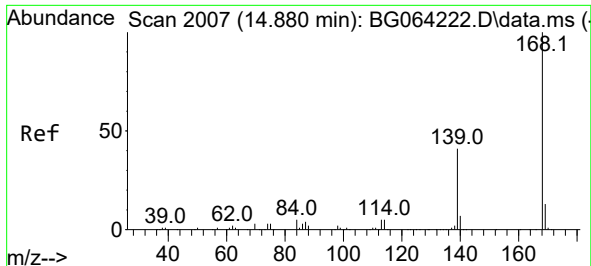


#54
2,4-Dinitrophenol
Concen: 100.401 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42



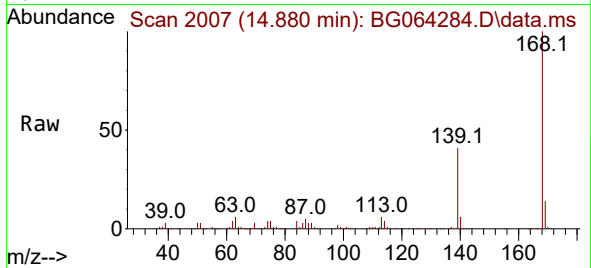
Tgt Ion:184 Resp: 92011
Ion Ratio Lower Upper
184 100
63 89.1 60.1 90.1
154 99.2 59.8 89.8#





#55
Dibenzenofuran
Concen: 46.272 ng
RT: 14.880 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

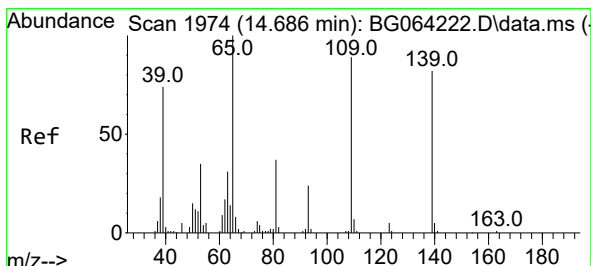
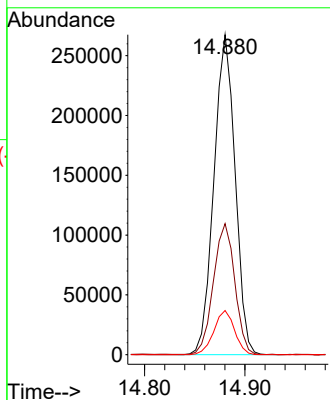
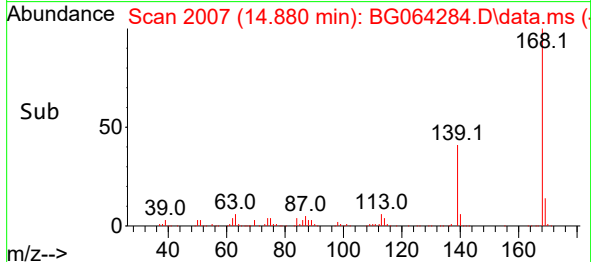
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



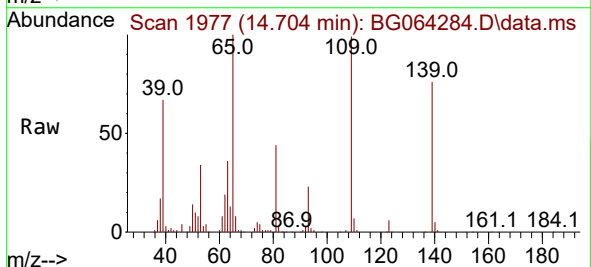
Tgt Ion:168 Resp: 391909
Ion Ratio Lower Upper
168 100
139 41.0 33.2 49.8
169 13.8 10.4 15.6

Manual Integrations
APPROVED

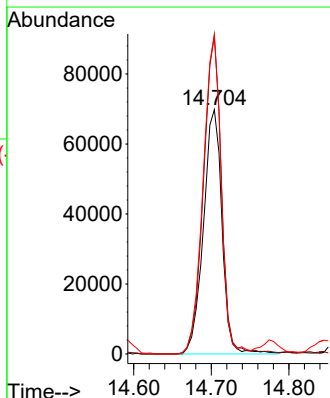
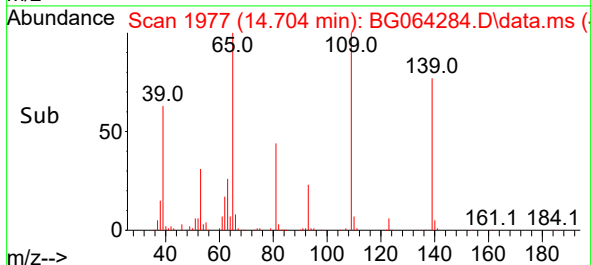
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

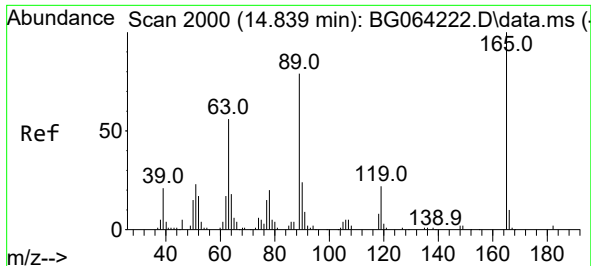


#56
4-Nitrophenol
Concen: 97.571 ng
RT: 14.704 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42



Tgt Ion:139 Resp: 115809
Ion Ratio Lower Upper
139 100
109 129.9 89.1 129.1#
65 130.9 102.9 142.9





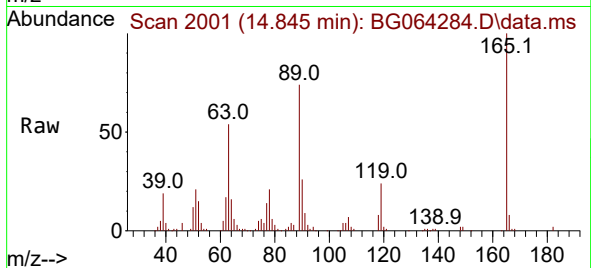
#57
2,4-Dinitrotoluene
Concen: 49.473 ng
RT: 14.845 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD

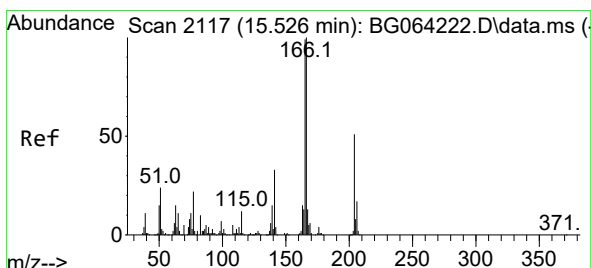
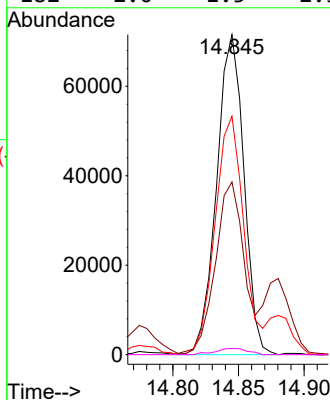
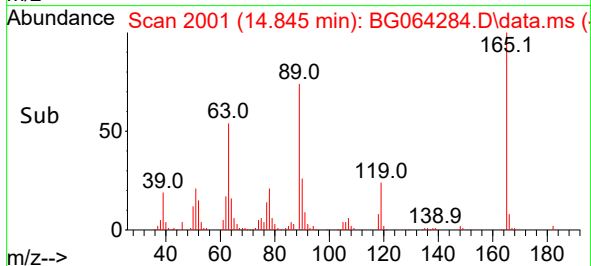


Tgt Ion:165 Resp: 103329
Ion Ratio Lower Upper
165 100
63 54.0 44.6 67.0
89 74.5 63.0 94.4
182 2.0 1.5 2.3

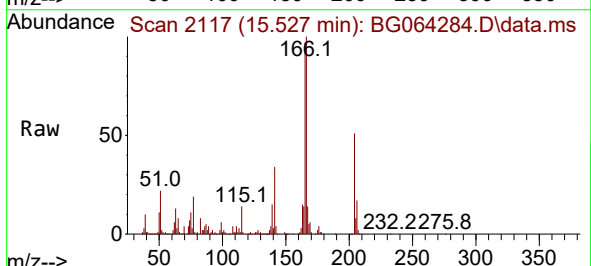
Manual Integrations

APPROVED

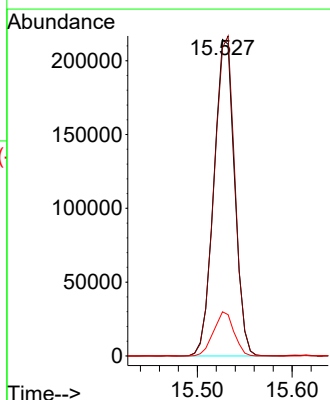
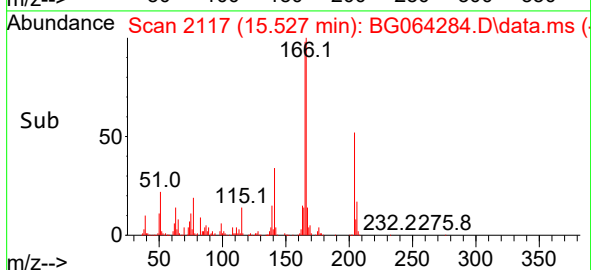
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

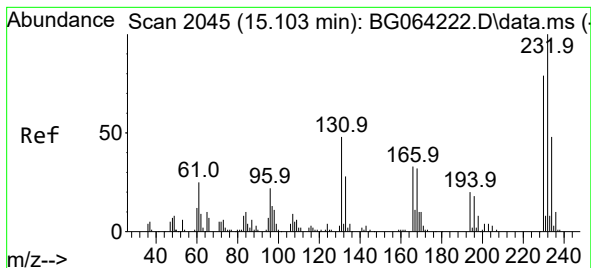


#58
Fluorene
Concen: 46.918 ng
RT: 15.527 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42



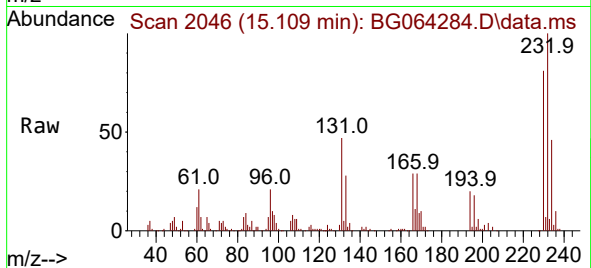
Tgt Ion:166 Resp: 325709
Ion Ratio Lower Upper
166 100
165 97.4 79.1 118.7
167 13.9 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.912 ng
RT: 15.109 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

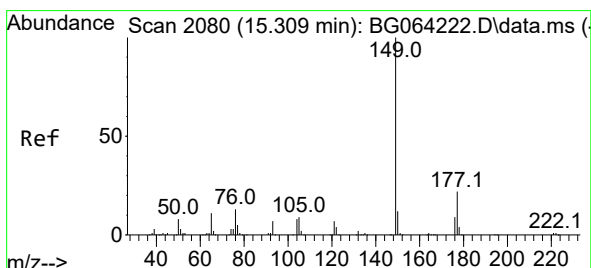
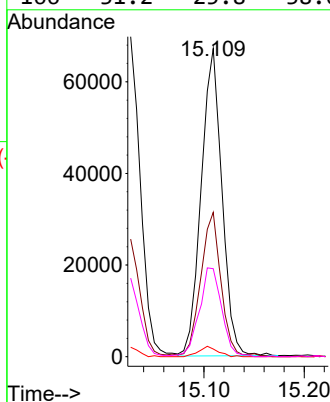
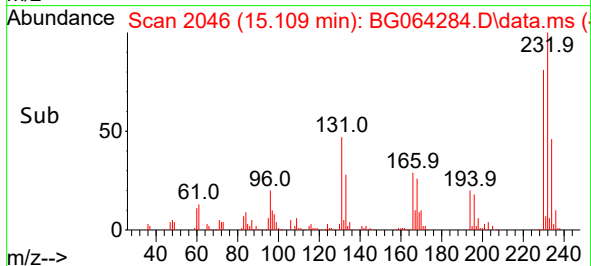
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



Tgt Ion:232 Resp: 96560
Ion Ratio Lower Upper
232 100
131 46.0 37.1 55.7
130 3.1 2.6 3.8
166 31.2 25.8 38.6

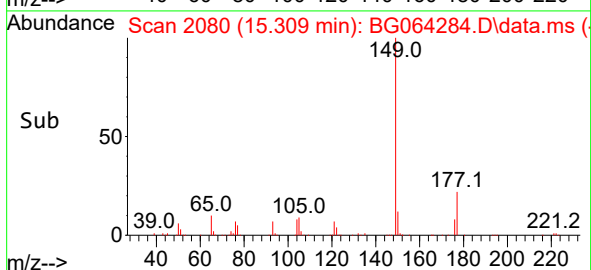
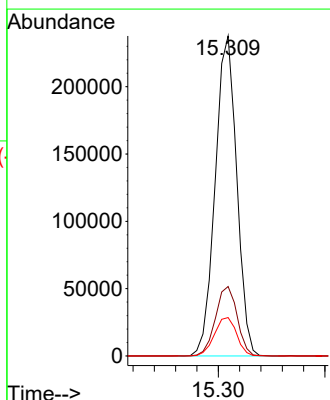
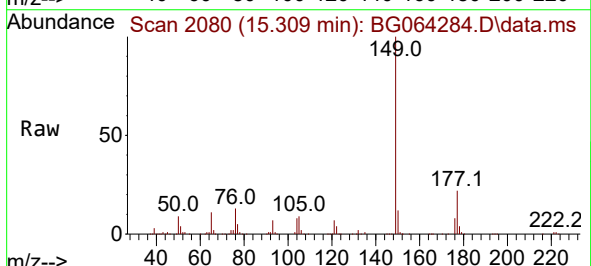
Manual Integrations
APPROVED

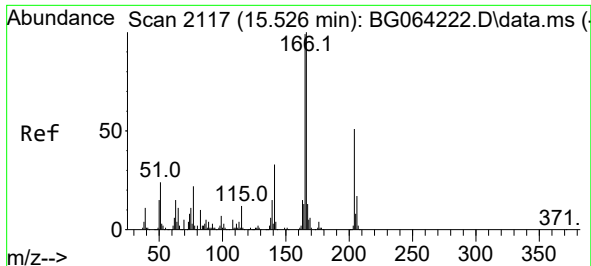
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#60
Diethylphthalate
Concen: 43.562 ng
RT: 15.309 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

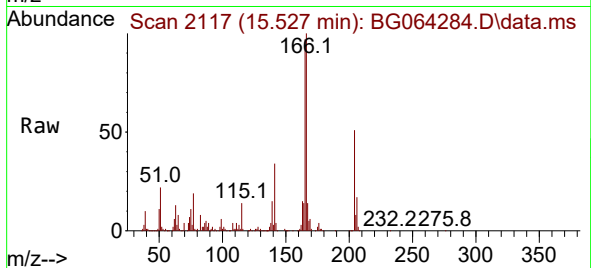
Tgt Ion:149 Resp: 332648
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.265 ng
RT: 15.527 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

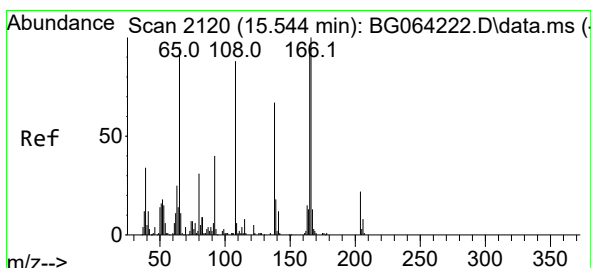
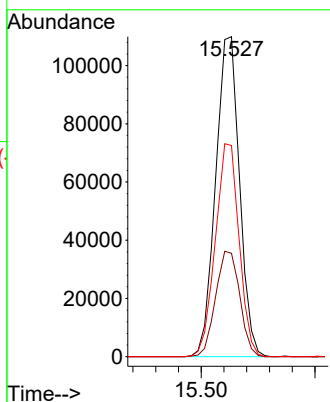
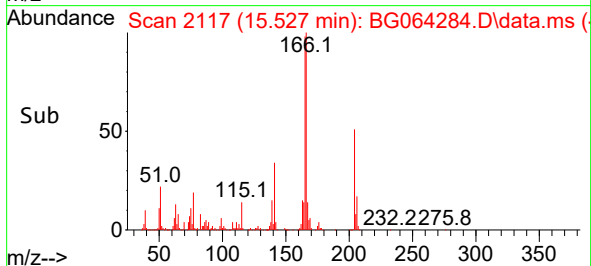
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



Tgt Ion:204 Resp: 16013
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.4
141 66.0 51.9 77.9

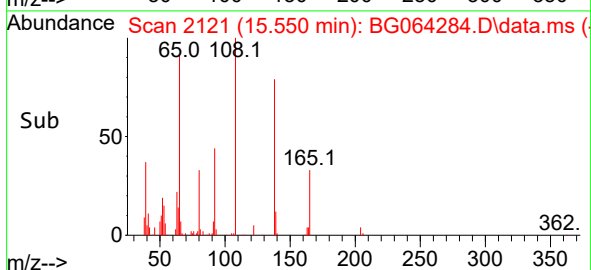
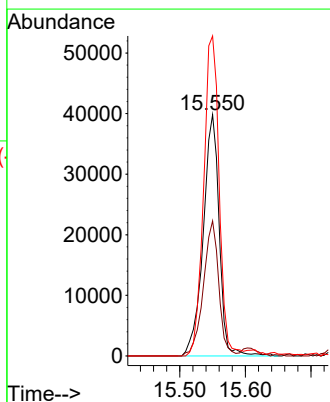
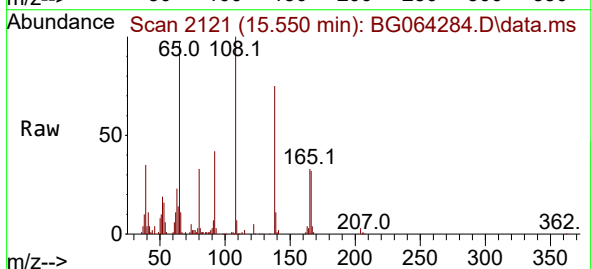
Manual Integrations
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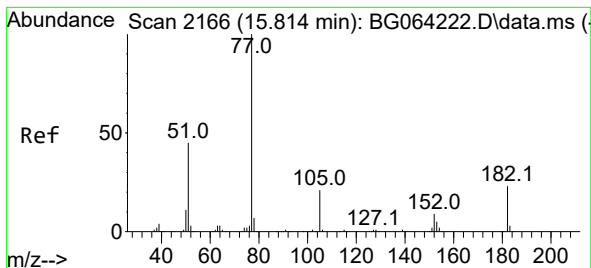
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#62
4-Nitroaniline
Concen: 45.918 ng
RT: 15.550 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Tgt Ion:138 Resp: 67797
Ion Ratio Lower Upper
138 100
92 56.0 39.1 79.1
108 132.6 111.3 151.3





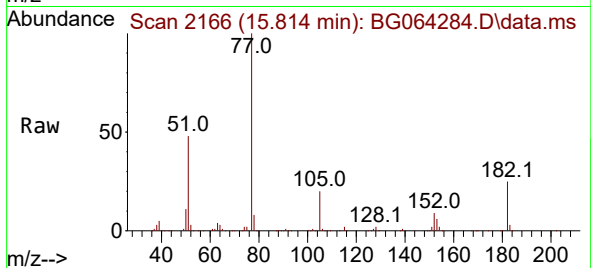
#63
Azobenzene
Concen: 49.293 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD

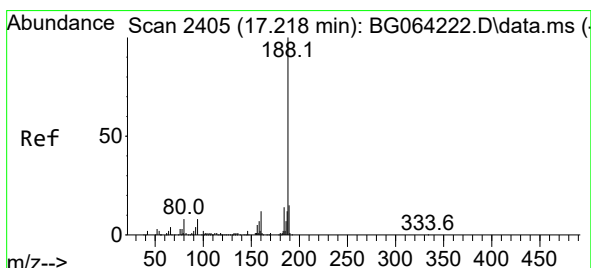
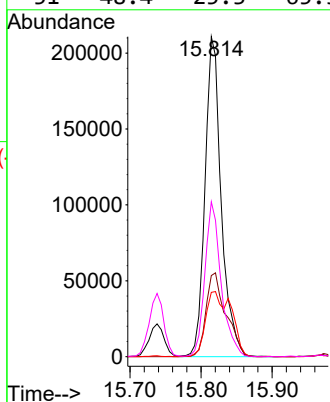
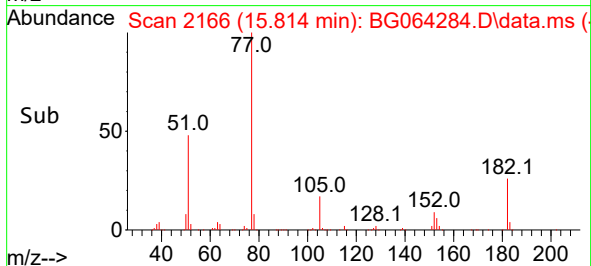


Tgt Ion: 77 Resp: 33549
Ion Ratio Lower Upper
77 100
182 25.3 3.3 43.3
105 20.1 0.6 40.6
51 48.4 25.3 65.3

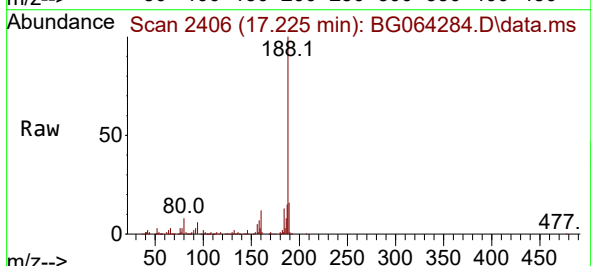
Manual Integrations

APPROVED

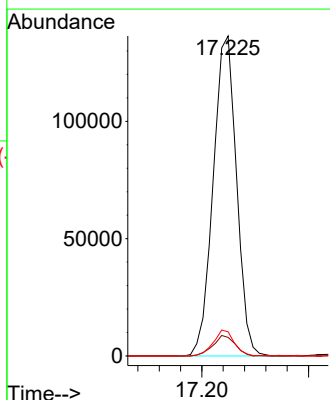
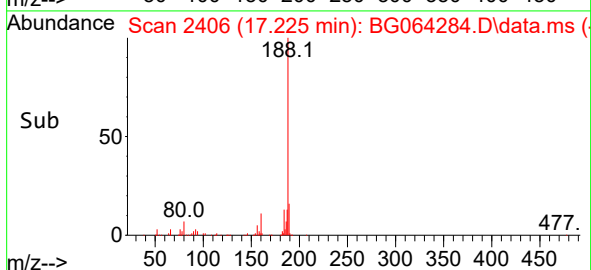
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

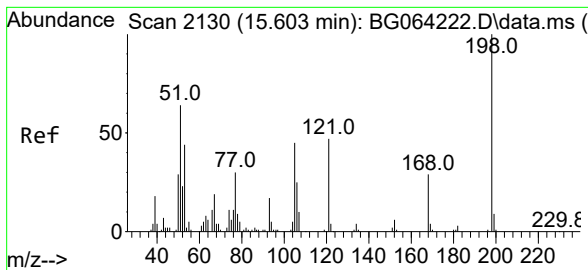


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42



Tgt Ion:188 Resp: 207051
Ion Ratio Lower Upper
188 100
94 5.8 6.2 9.4#
80 7.6 6.8 10.2





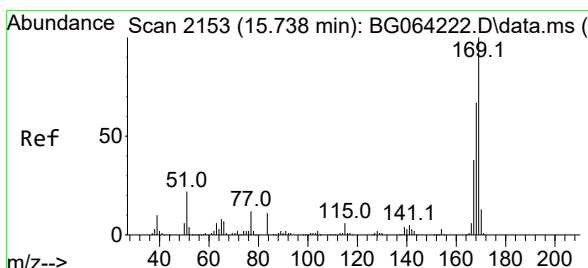
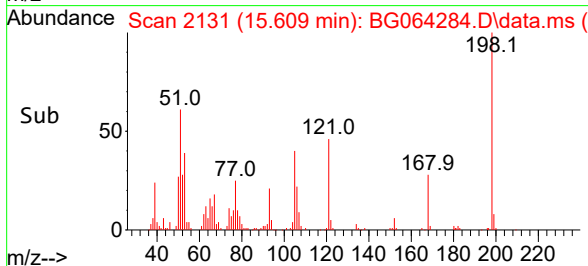
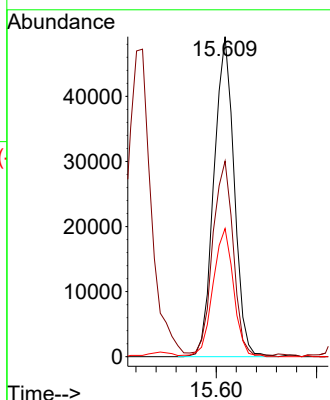
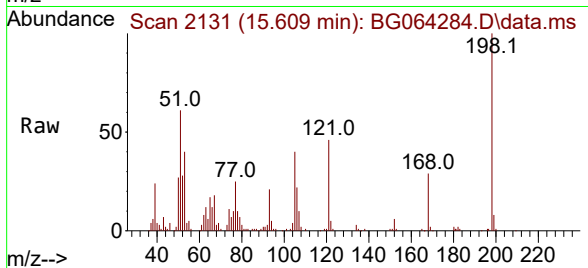
#65
4,6-Dinitro-2-methylphenol
Concen: 57.770 ng
RT: 15.609 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD

Tgt Ion:198 Resp: 68674
Ion Ratio Lower Upper
198 100
51 61.1 46.2 86.2
105 40.1 25.0 65.0

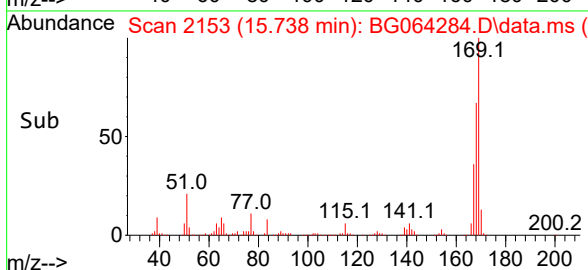
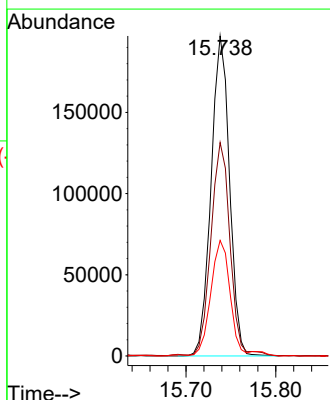
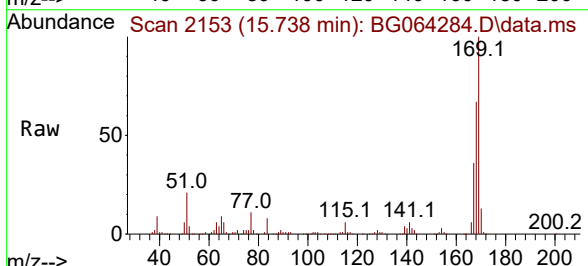
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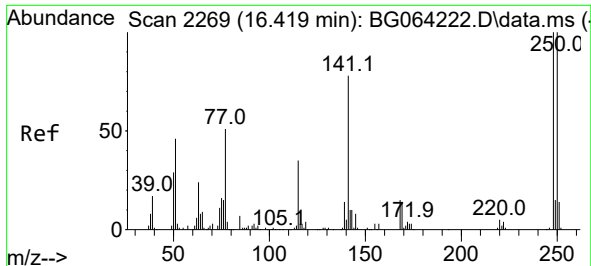
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#66
n-Nitrosodiphenylamine
Concen: 49.357 ng
RT: 15.738 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

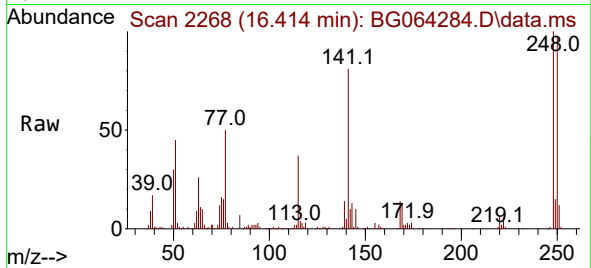
Tgt Ion:169 Resp: 281125
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.8
167 36.1 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 50.488 ng
RT: 16.414 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

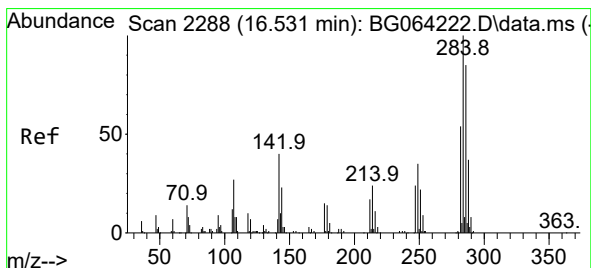
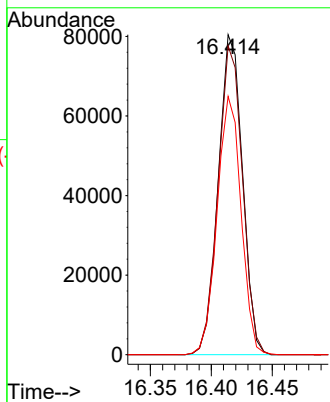
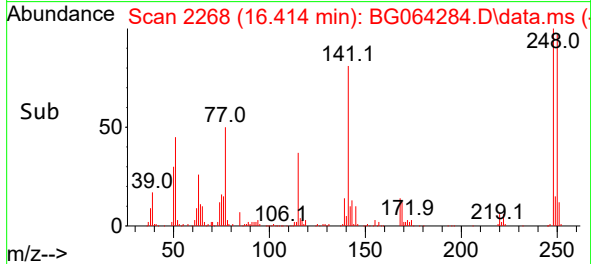
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



Tgt Ion:248 Resp: 111029
Ion Ratio Lower Upper
248 100
250 96.5 80.2 120.4
141 80.7 62.4 93.6

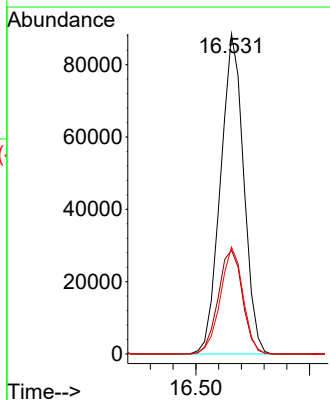
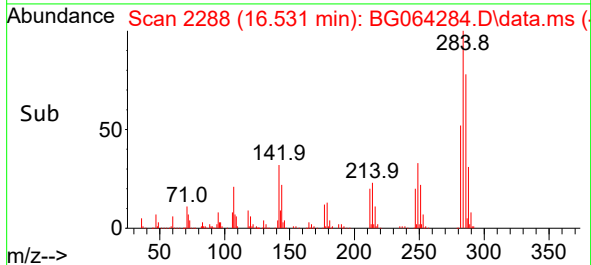
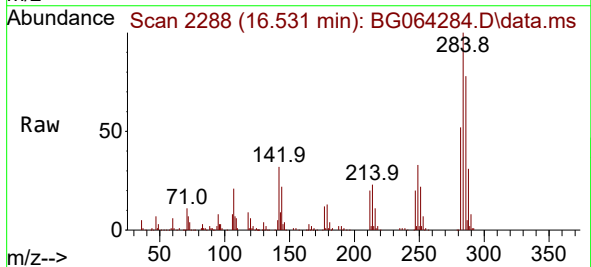
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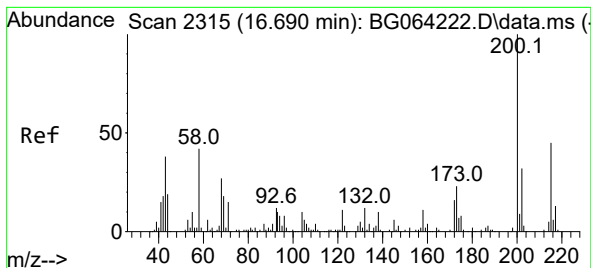
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#68
Hexachlorobenzene
Concen: 51.275 ng
RT: 16.531 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Tgt Ion:284 Resp: 125218
Ion Ratio Lower Upper
284 100
142 32.4 32.1 48.1
249 33.4 28.3 42.5





#69

Atrazine

Concen: 48.289 ng

RT: 16.690 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064284.D

Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD

Tgt Ion:200 Resp: 11484

Ion Ratio Lower Upper

200 100

173 25.1 3.5 43.5

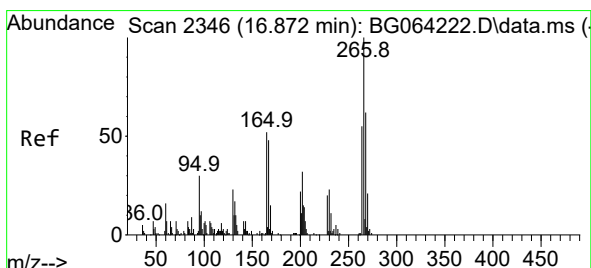
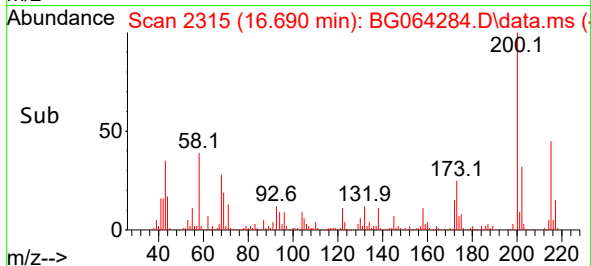
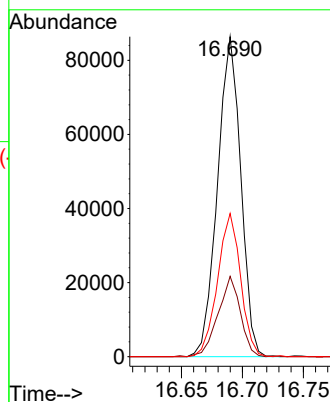
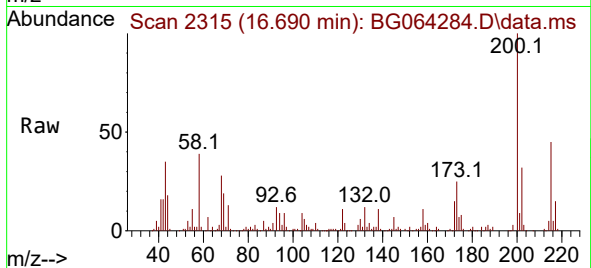
215 44.7 24.8 64.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#70

Pentachlorophenol

Concen: 113.674 ng

RT: 16.878 min Scan# 2347

Delta R.T. -0.000 min

Lab File: BG064284.D

Acq: 4 Sep 2025 15:42

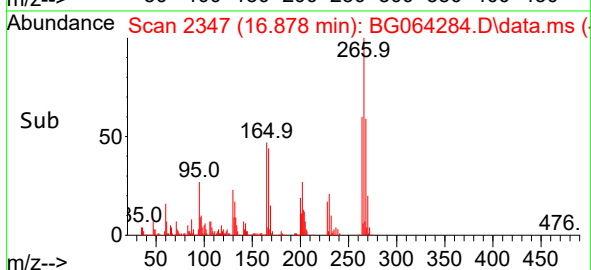
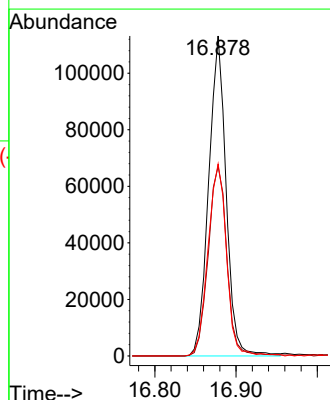
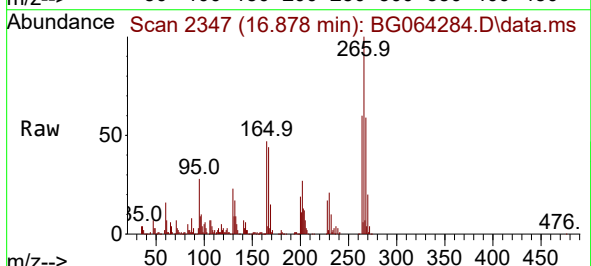
Tgt Ion:266 Resp: 168323

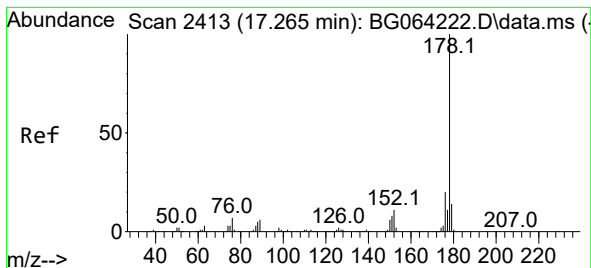
Ion Ratio Lower Upper

266 100

268 59.2 49.4 74.0

264 60.0 44.3 66.5





#71

Phenanthrene

Concen: 57.520 ng

RT: 17.266 min Scan# 2413

Delta R.T. -0.000 min

Lab File: BG064284.D

Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD

Tgt Ion:178 Resp: 62814

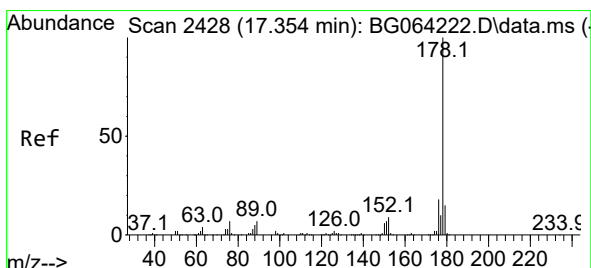
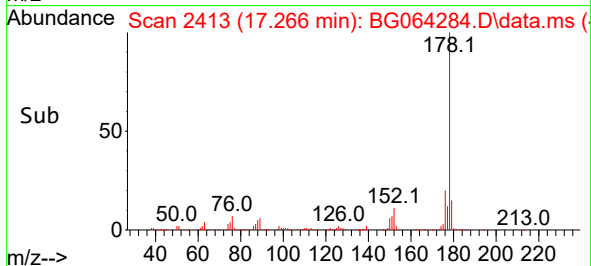
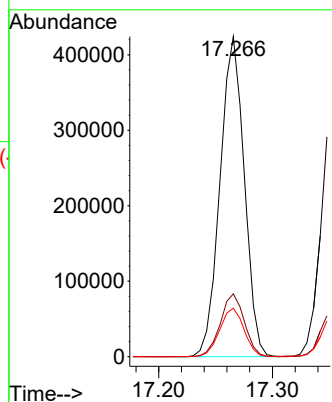
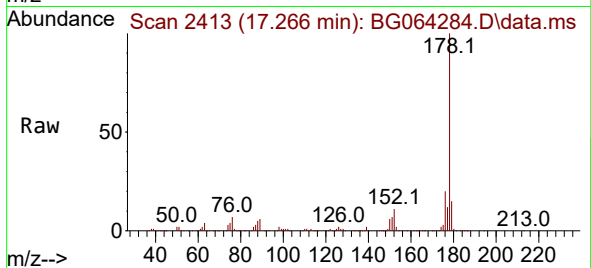
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.1	11.4	17.2

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#72

Anthracene

Concen: 49.172 ng

RT: 17.354 min Scan# 2428

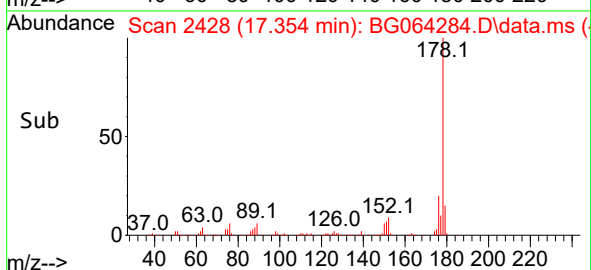
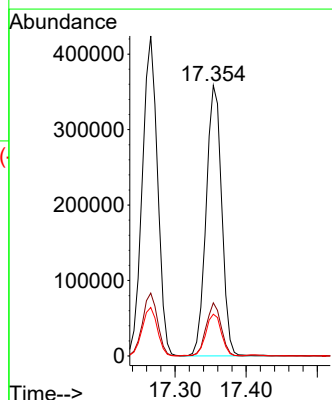
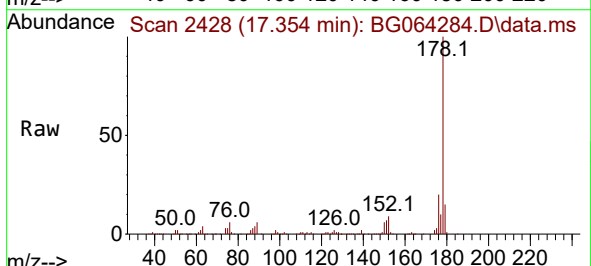
Delta R.T. -0.006 min

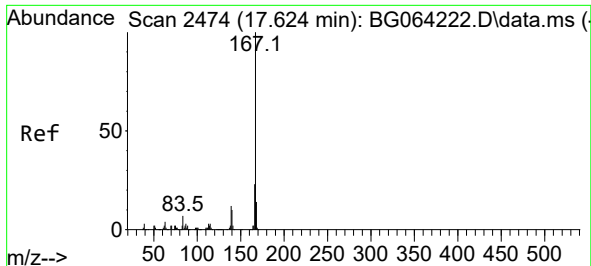
Lab File: BG064284.D

Acq: 4 Sep 2025 15:42

Tgt Ion:178 Resp: 546235

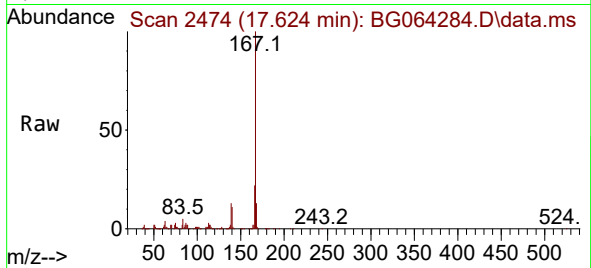
Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.7	22.1
179	15.4	12.1	18.1





#73
 Carbazole
 Concen: 49.034 ng
 RT: 17.624 min Scan# 2474
 Delta R.T. -0.000 min
 Lab File: BG064284.D
 Acq: 4 Sep 2025 15:42

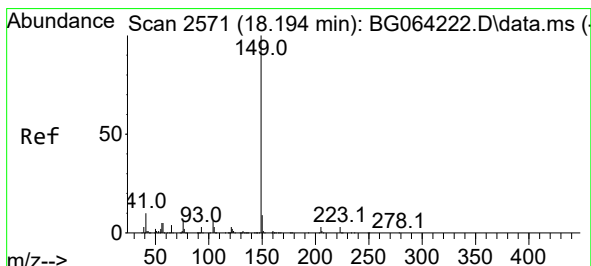
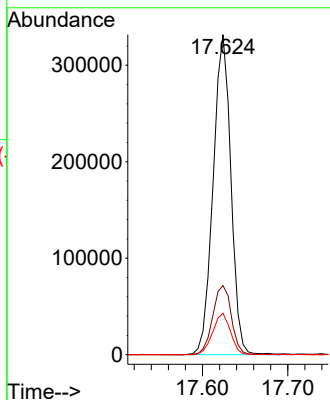
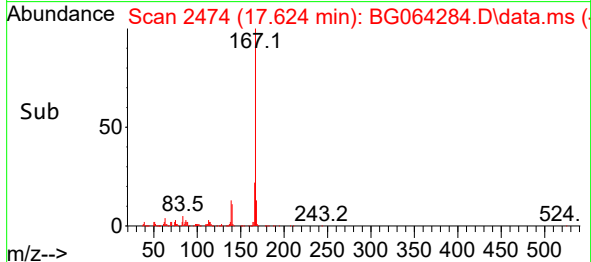
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-231MSD



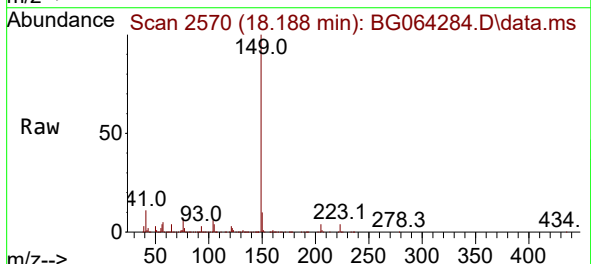
Tgt Ion:167 Resp: 479840
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.2
 139 13.0 9.8 14.6

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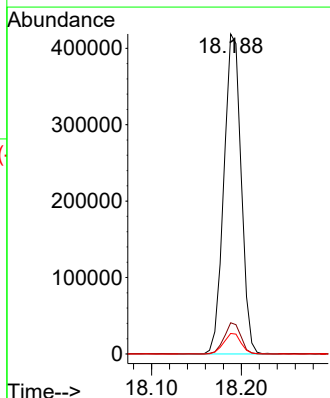
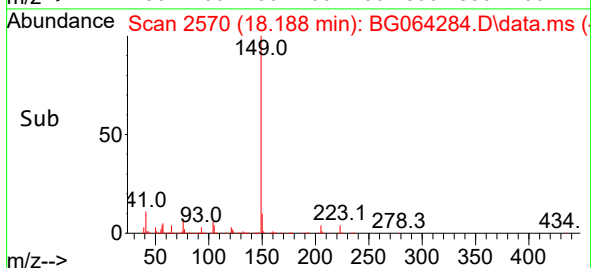
Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

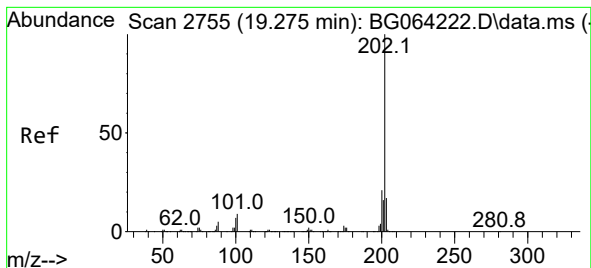


#74
 Di-n-butylphthalate
 Concen: 47.432 ng
 RT: 18.188 min Scan# 2570
 Delta R.T. -0.006 min
 Lab File: BG064284.D
 Acq: 4 Sep 2025 15:42



Tgt Ion:149 Resp: 557657
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.5 11.3
 104 6.4 4.6 7.0





#75

Fluoranthene

Concen: 62.414 ng

RT: 19.275 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG064284.D

Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD

Tgt Ion:202 Resp: 80143

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.7

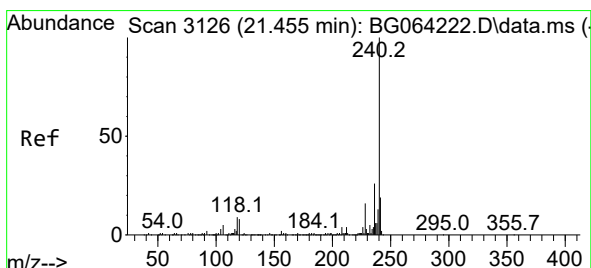
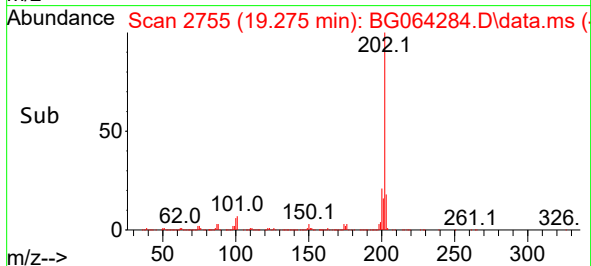
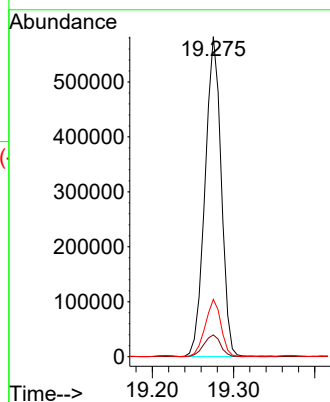
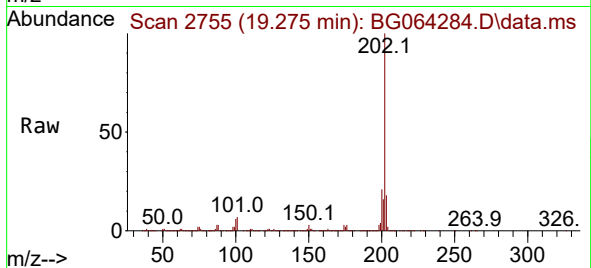
203 17.9 0.0 36.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.455 min Scan# 3126

Delta R.T. -0.000 min

Lab File: BG064284.D

Acq: 4 Sep 2025 15:42

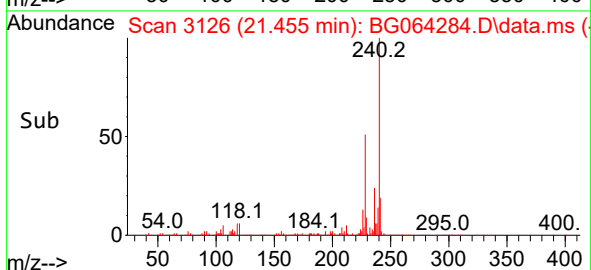
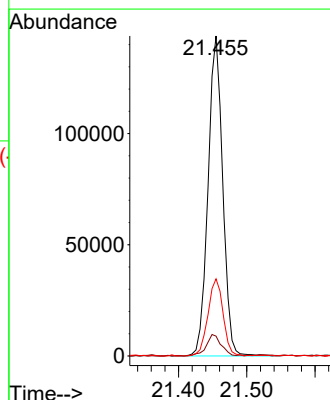
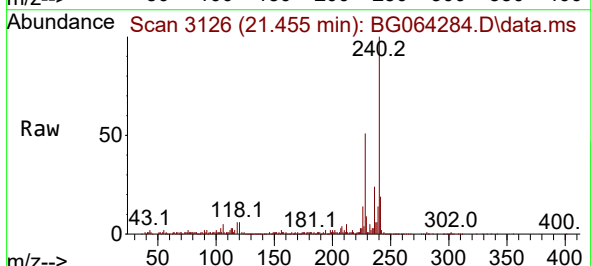
Tgt Ion:240 Resp: 215558

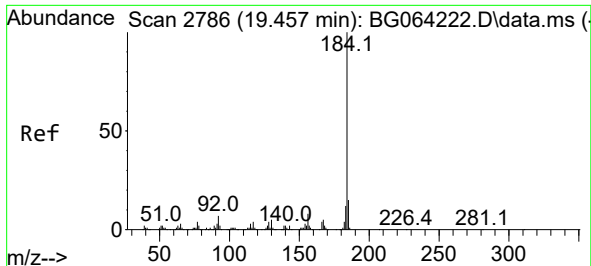
Ion Ratio Lower Upper

240 100

120 6.2 6.2 9.4#

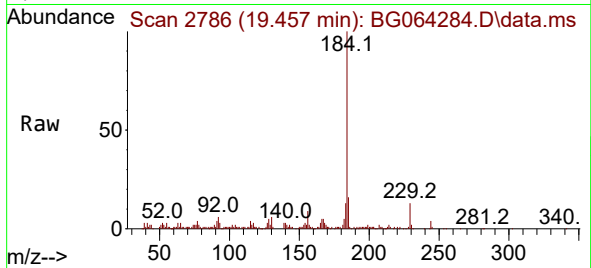
236 24.1 20.5 30.7





#77
Benzidine
Concen: 17.817 ng
RT: 19.457 min Scan# 2786
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

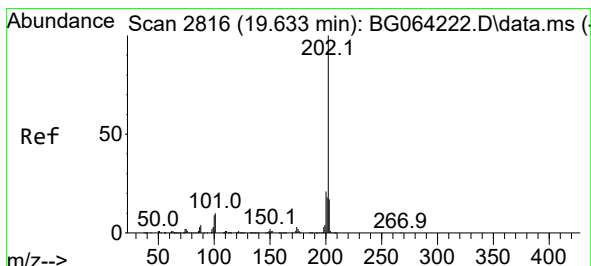
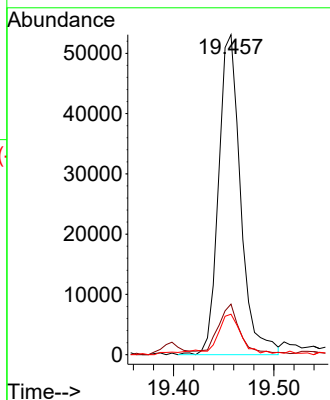
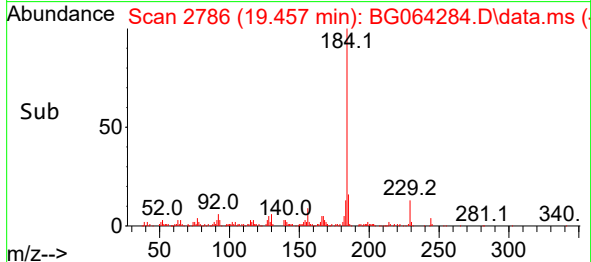
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



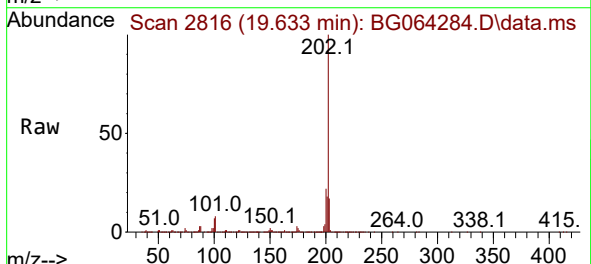
Tgt Ion:184 Resp: 8079
Ion Ratio Lower Upper
184 100
185 15.8 11.7 17.5
183 12.7 9.7 14.5

Manual Integrations
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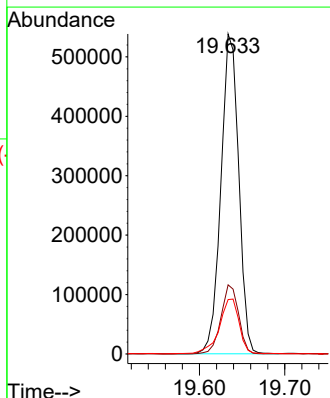
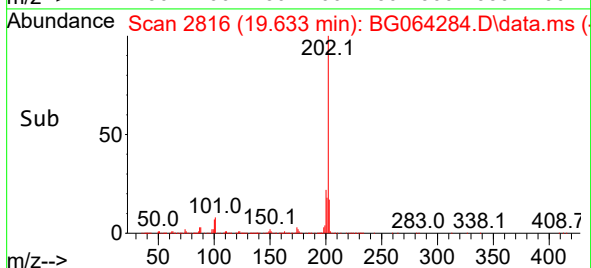
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

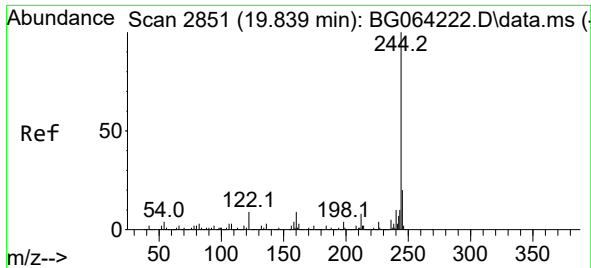


#78
Pyrene
Concen: 57.588 ng
RT: 19.633 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42



Tgt Ion:202 Resp: 782072
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 17.0 13.8 20.8





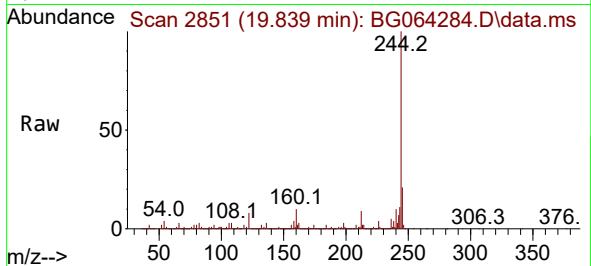
#79
 Terphenyl-d14
 Concen: 89.185 ng
 RT: 19.839 min Scan# 2851
 Delta R.T. -0.006 min
 Lab File: BG064284.D
 Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD

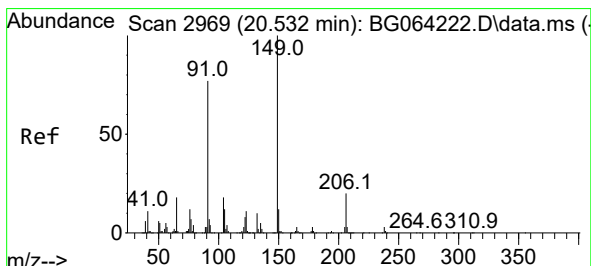
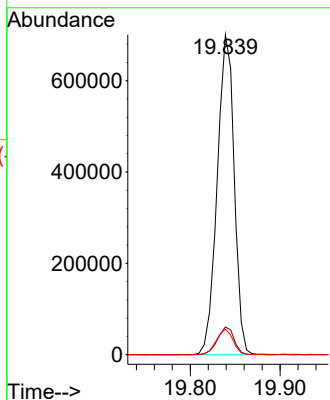
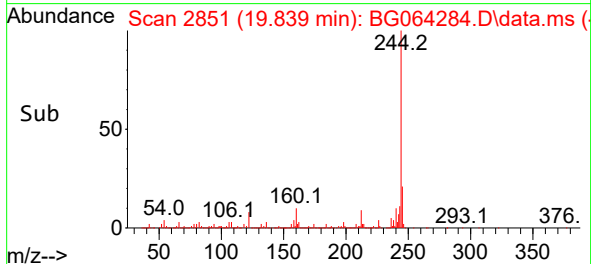


Tgt Ion:244 Resp: 921440
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.6 10.0
 122 8.0 7.0 10.6

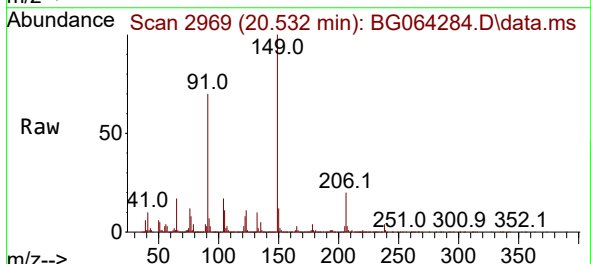
Manual Integrations

APPROVED

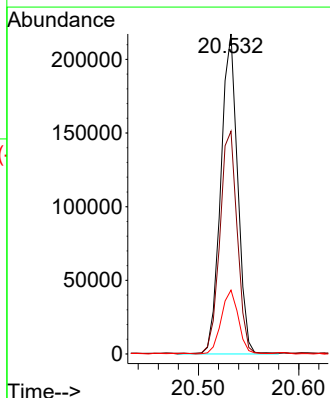
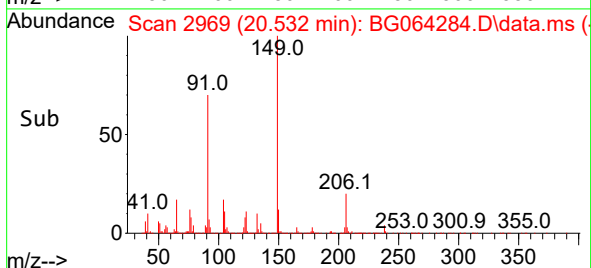
Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

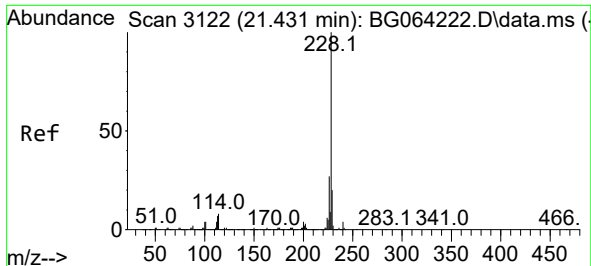


#80
 Butylbenzylphthalate
 Concen: 49.487 ng
 RT: 20.532 min Scan# 2969
 Delta R.T. -0.000 min
 Lab File: BG064284.D
 Acq: 4 Sep 2025 15:42



Tgt Ion:149 Resp: 253482
 Ion Ratio Lower Upper
 149 100
 91 69.6 61.4 92.0
 206 20.0 15.8 23.6





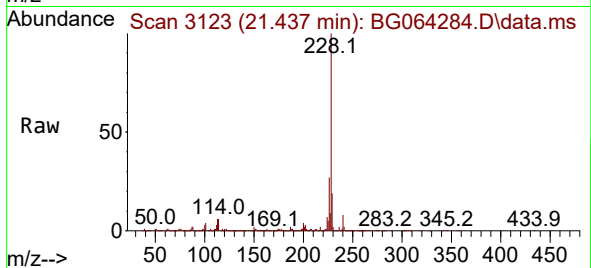
#81
Benzo(a)anthracene
Concen: 53.478 ng
RT: 21.437 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD

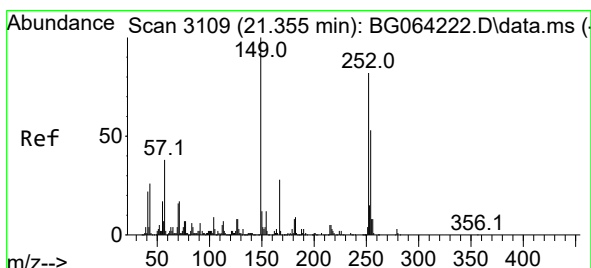
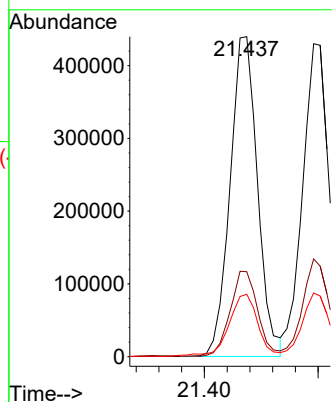
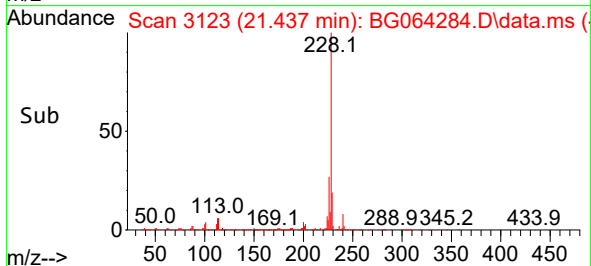


Tgt Ion:228 Resp: 73748
Ion Ratio Lower Upper
228 100
226 26.6 21.7 32.5
229 19.5 15.9 23.9

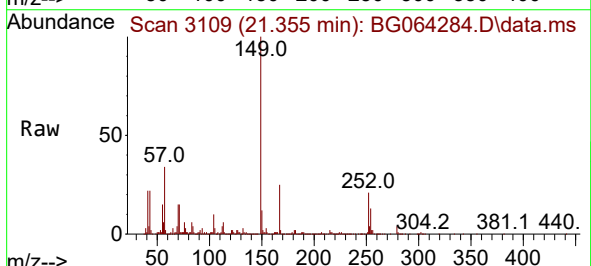
Manual Integrations

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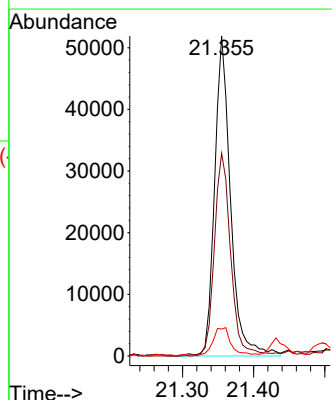
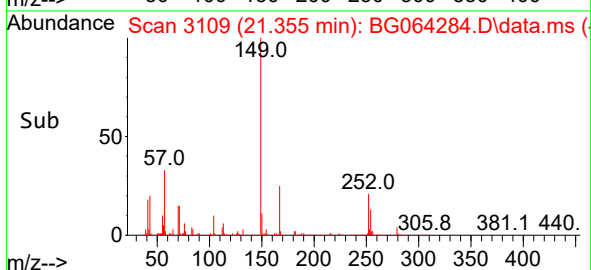
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

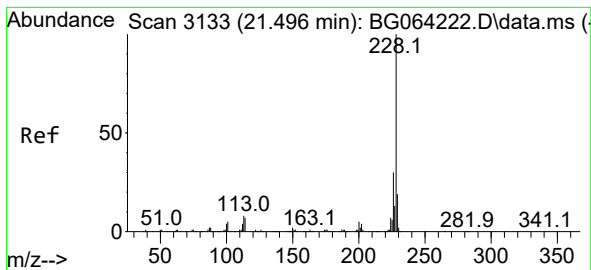


#82
3,3'-Dichlorobenzidine
Concen: 18.006 ng
RT: 21.355 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42



Tgt Ion:252 Resp: 80868
Ion Ratio Lower Upper
252 100
254 63.4 51.9 77.9
126 8.4 7.6 11.4





#83

Chrysene

Concen: 52.328 ng

RT: 21.496 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BG064284.D

Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD

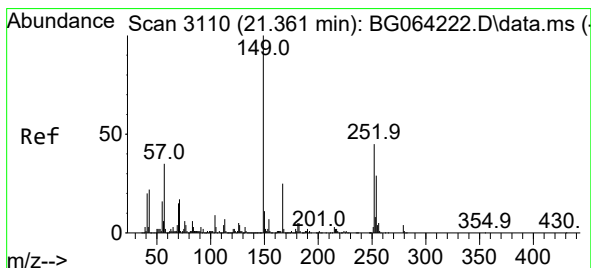
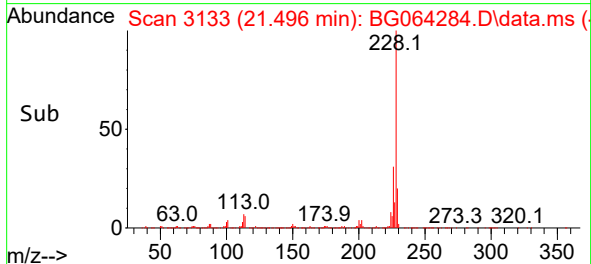
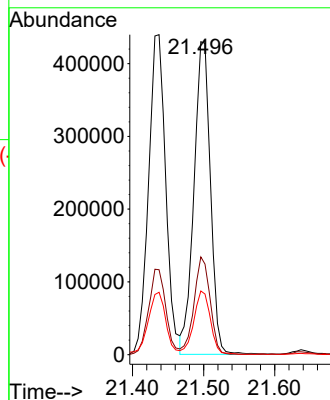
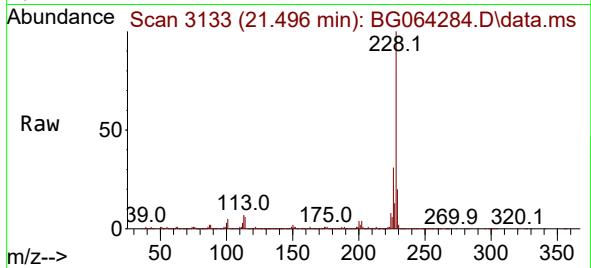
Tgt Ion:228 Resp: 692780
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.2 36.2
 229 20.3 15.4 23.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.869 ng

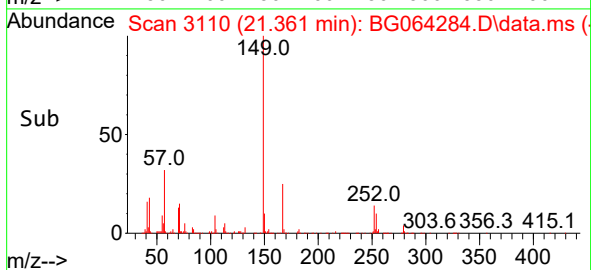
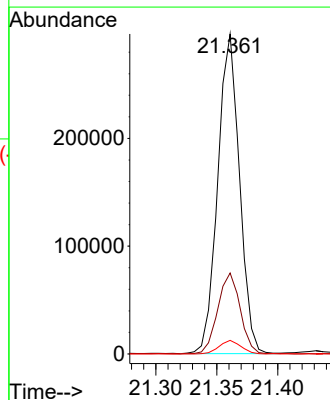
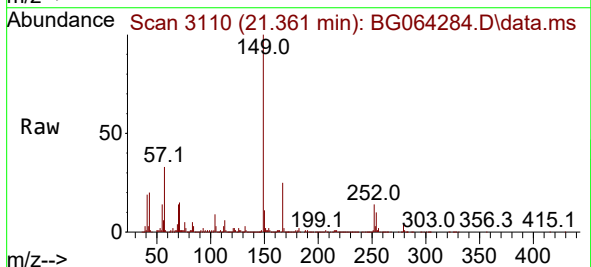
RT: 21.361 min Scan# 3110

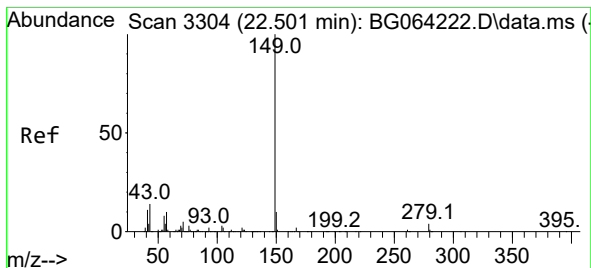
Delta R.T. -0.006 min

Lab File: BG064284.D

Acq: 4 Sep 2025 15:42

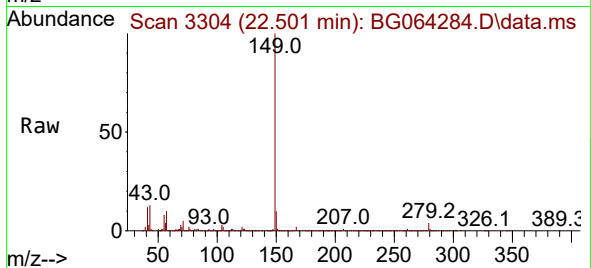
Tgt Ion:149 Resp: 368119
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.0 30.0
 279 4.3 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 46.933 ng
RT: 22.501 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

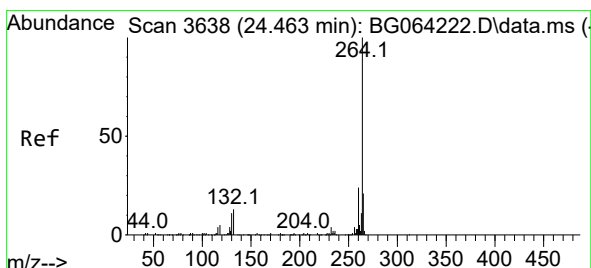
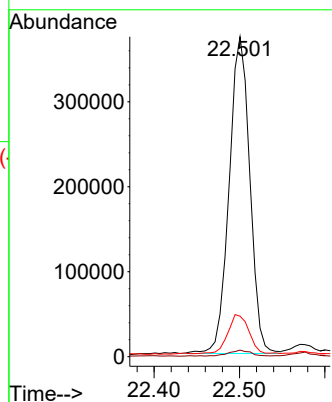
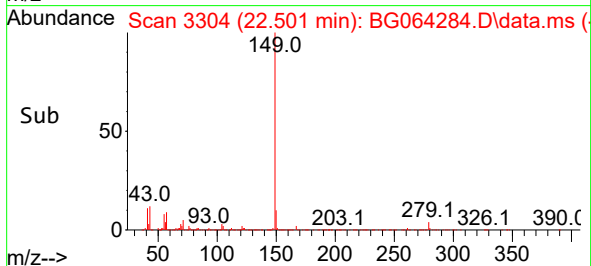
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



Tgt Ion:149 Resp: 628884
Ion Ratio Lower Upper
149 100
167 2.0 1.3 1.9
43 12.6 10.8 16.2

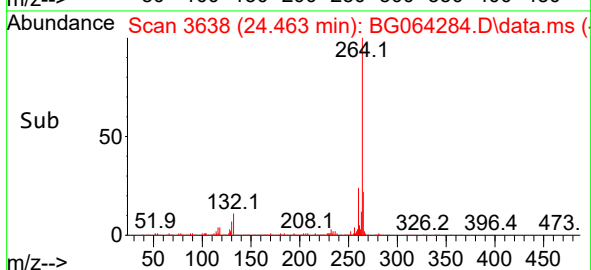
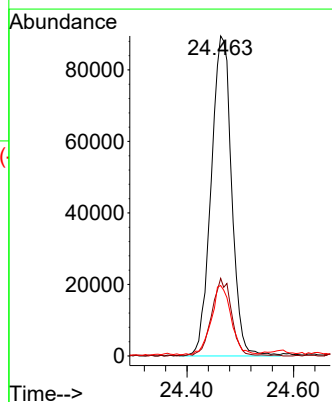
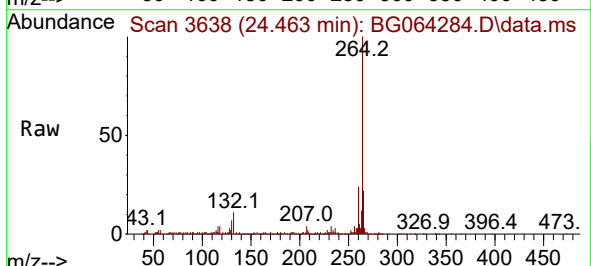
Manual Integrations
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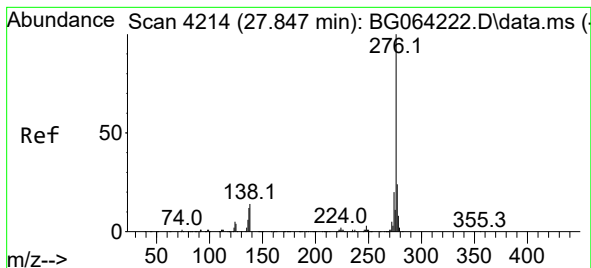
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.463 min Scan# 3638
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

Tgt Ion:264 Resp: 238580
Ion Ratio Lower Upper
264 100
260 24.2 18.9 28.3
265 22.0 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.726 ng

RT: 27.865 min Scan# 41

Delta R.T. -0.006 min

Lab File: BG064284.D

Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD

Tgt Ion:276 Resp: 842770

Ion Ratio Lower Upper

276 100

138 10.1 7.4 11.0

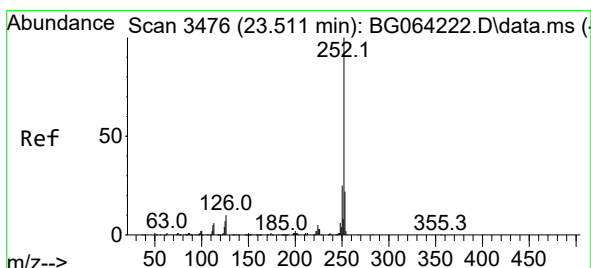
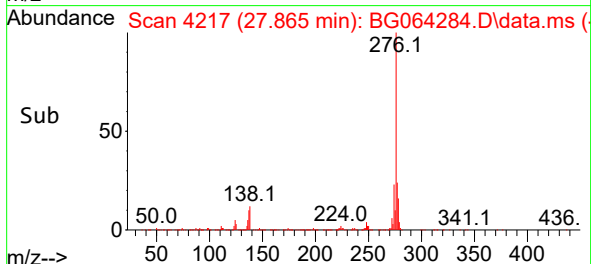
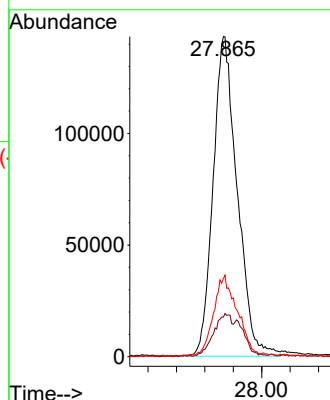
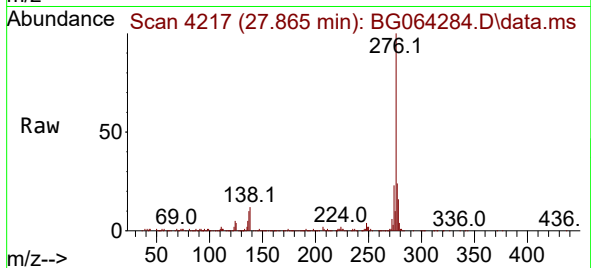
277 24.5 20.5 30.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#88

Benzo(b)fluoranthene

Concen: 58.887 ng

RT: 23.523 min Scan# 3478

Delta R.T. 0.006 min

Lab File: BG064284.D

Acq: 4 Sep 2025 15:42

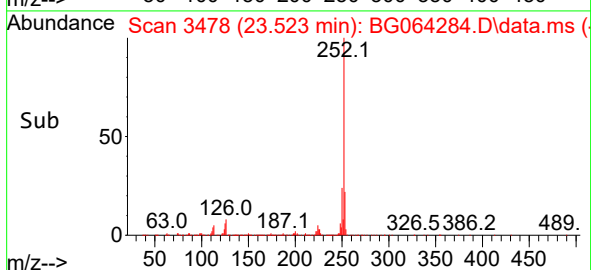
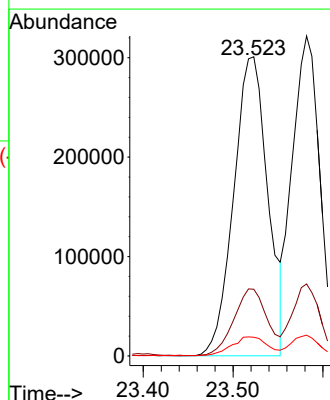
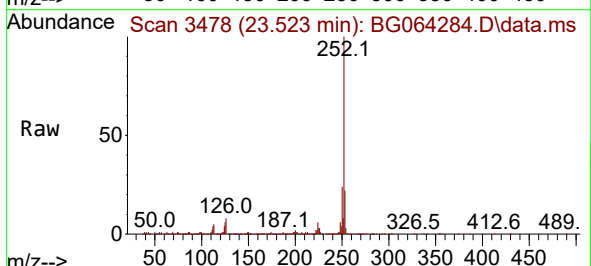
Tgt Ion:252 Resp: 792919

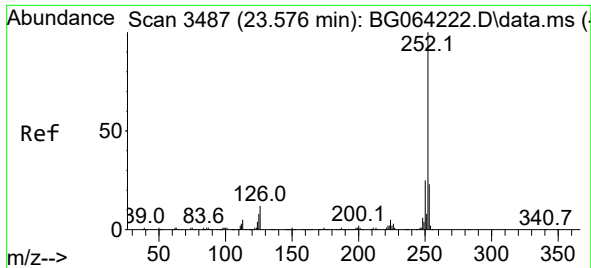
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

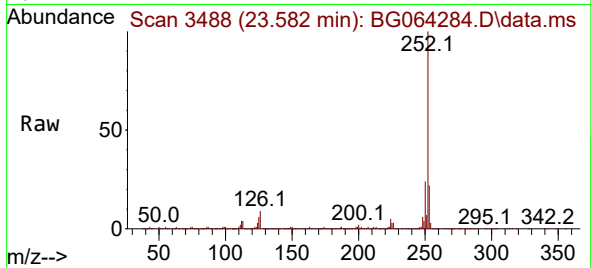
125 6.3 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 50.171 ng
RT: 23.582 min Scan# 3487
Delta R.T. -0.006 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42

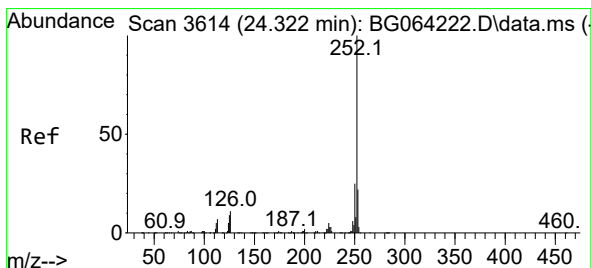
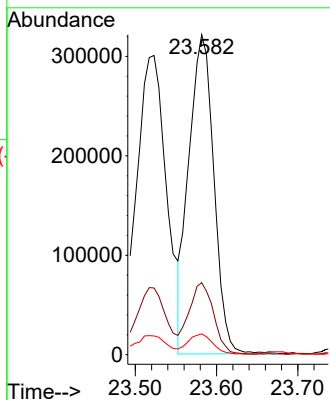
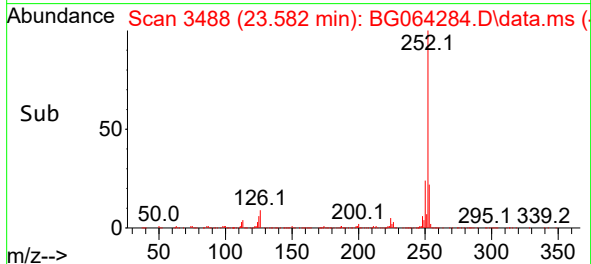
Instrument :
BNA_G
ClientSampleId :
VNJ-231MSD



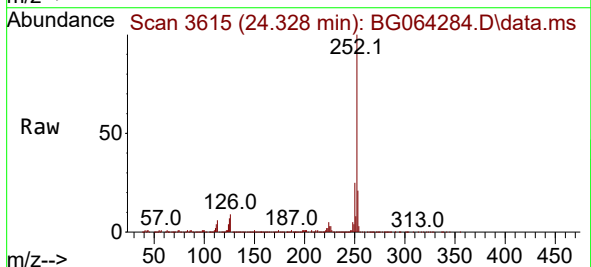
Tgt Ion:252 Resp: 688239
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 6.5 7.0 10.4

Manual Integrations
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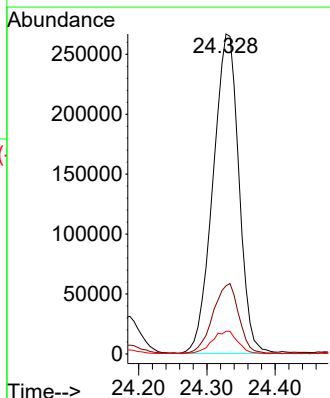
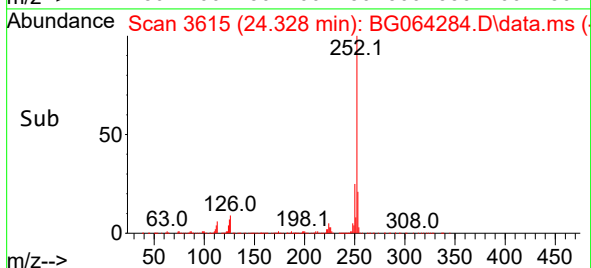
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

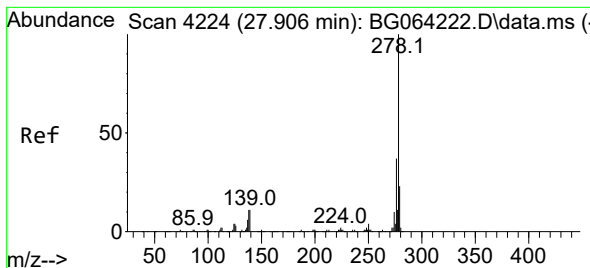


#90
Benzo(a)pyrene
Concen: 56.074 ng
RT: 24.328 min Scan# 3615
Delta R.T. -0.000 min
Lab File: BG064284.D
Acq: 4 Sep 2025 15:42



Tgt Ion:252 Resp: 702364
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 7.1 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 49.245 ng

RT: 27.924 min Scan# 41

Delta R.T. -0.000 min

Lab File: BG064284.D

Acq: 4 Sep 2025 15:42

Instrument :

BNA_G

ClientSampleId :

VNJ-231MSD

Tgt Ion:278 Resp: 644200

Ion Ratio Lower Upper

278 100

139 10.3 9.0 13.4

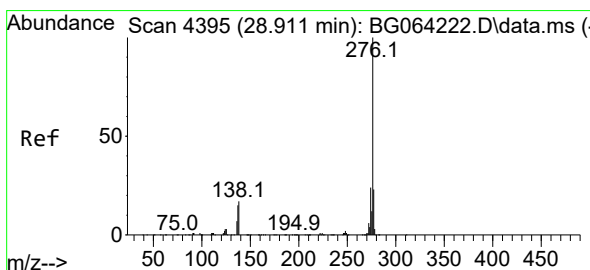
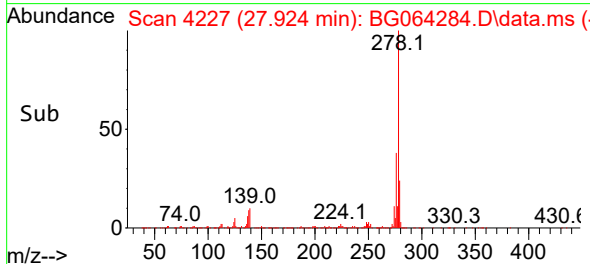
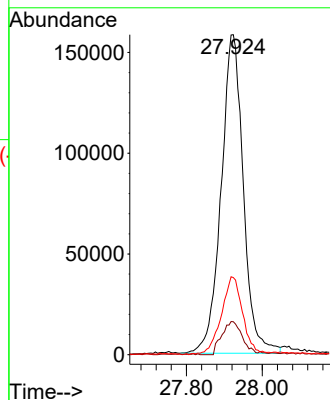
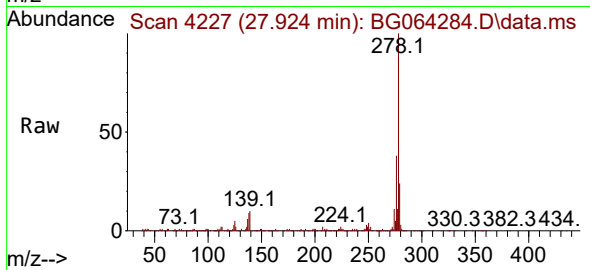
279 24.1 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#92

Benzo(g,h,i)perylene

Concen: 52.560 ng

RT: 28.928 min Scan# 4398

Delta R.T. -0.006 min

Lab File: BG064284.D

Acq: 4 Sep 2025 15:42

Tgt Ion:276 Resp: 669048

Ion Ratio Lower Upper

276 100

277 23.2 18.2 27.4

138 13.9 13.3 19.9

