

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064338.D
 Acq On : 10 Sep 2025 18:48
 Operator : RC/JU
 Sample : Q3048-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-258MS

Quant Time: Sep 11 01:17:29 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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	23583	20.000	ng	-0.02
21) Naphthalene-d8	10.632	136	98916	20.000	ng	#-0.02
39) Acenaphthene-d10	14.468	164	67359	20.000	ng	-0.01
64) Phenanthrene-d10	17.212	188	162022	20.000	ng	#-0.01
76) Chrysene-d12	21.443	240	190145	20.000	ng	-0.01
86) Perylene-d12	24.445	264	214005	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.438	112	130911	99.592	ng	0.00
7) Phenol-d6	7.018	99	174394	96.571	ng	-0.01
23) Nitrobenzene-d5	8.998	82	125659	70.848	ng	-0.02
42) 2,4,6-Tribromophenol	15.961	330	114146	127.938	ng	-0.01
45) 2-Fluorobiphenyl	13.094	172	304224	68.937	ng	-0.02
79) Terphenyl-d14	19.833	244	615367	67.521	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	18976	34.635	ng	92
3) Pyridine	3.734	79	50225	31.142	ng	# 60
4) n-Nitrosodimethylamine	3.652	42	45829	42.961	ng	# 96
6) Aniline	7.171	93	50734	20.316	ng	98
8) 2-Chlorophenol	7.412	128	71337	44.412	ng	96
9) Benzaldehyde	6.983	77	45848	30.850	ng	99
10) Phenol	7.048	94	85401	42.894	ng	91
11) bis(2-Chloroethyl)ether	7.265	93	53522	35.774	ng	98
12) 1,3-Dichlorobenzene	7.735	146	75462	44.160	ng	93
13) 1,4-Dichlorobenzene	7.882	146	79540	46.121	ng	97
14) 1,2-Dichlorobenzene	8.193	146	76504	45.963	ng	94
15) Benzyl Alcohol	8.082	79	70711	42.431	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.370	45	102321	29.955	ng	96
17) 2-Methylphenol	8.287	107	60323	40.653	ng	96
18) Hexachloroethane	8.922	117	30266	44.958	ng	91
19) n-Nitroso-di-n-propyla...	8.646	70	49772	36.012	ng	96
20) 3+4-Methylphenols	8.616	107	82909	40.211	ng	92
22) Acetophenone	8.663	105	121565	48.578	ng	# 95
24) Nitrobenzene	9.039	77	84359	45.523	ng	96
25) Isophorone	9.562	82	145027	39.344	ng	97
26) 2-Nitrophenol	9.745	139	39602	49.458	ng	# 82
27) 2,4-Dimethylphenol	9.815	122	70065	49.840	ng	94
28) bis(2-Chloroethoxy)met...	10.044	93	73514	36.986	ng	95
29) 2,4-Dichlorophenol	10.279	162	74662	50.335	ng	98
30) 1,2,4-Trichlorobenzene	10.497	180	79585	50.886	ng	96
31) Naphthalene	10.685	128	228290	44.507	ng	99
32) Benzoic acid	9.980	122	62629	56.123	ng	96
33) 4-Chloroaniline	10.784	127	28191	14.180	ng	92
34) Hexachlorobutadiene	10.973	225	61740	53.404	ng	91
35) Caprolactam	11.566	113	24397m	42.478	ng	
36) 4-Chloro-3-methylphenol	11.918	107	89522	46.516	ng	86
37) 2-Methylnaphthalene	12.289	142	154282	40.466	ng	93
38) 1-Methylnaphthalene	12.512	142	161392m	42.857	ng	
40) 1,2,4,5-Tetrachloroben...	12.665	216	112750	58.013	ng	98
41) Hexachlorocyclopentadiene	12.647	237	112350	121.632	ng	93
43) 2,4,6-Trichlorophenol	12.900	196	67707	52.122	ng	91

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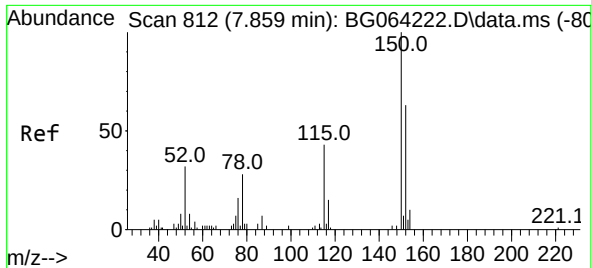
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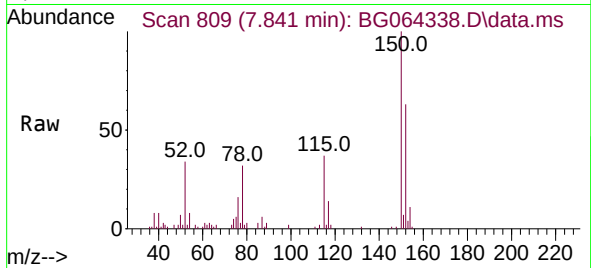
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	76664	54.405	ng	93
46) 1,1'-Biphenyl	13.305	154	258085	52.605	ng	99
47) 2-Chloronaphthalene	13.346	162	172341	46.726	ng	96
48) 2-Nitroaniline	13.546	65	63077	50.176	ng	92
49) Acenaphthylene	14.192	152	309865	56.833	ng	97
50) Dimethylphthalate	13.928	163	226630	44.450	ng	99
51) 2,6-Dinitrotoluene	14.045	165	50267	50.927	ng	93
52) Acenaphthene	14.533	154	172479	44.827	ng	96
53) 3-Nitroaniline	14.374	138	30773	29.764	ng	97
54) 2,4-Dinitrophenol	14.580	184	72515	110.155	ng	# 78
55) Dibenzofuran	14.868	168	292784	48.377	ng	95
56) 4-Nitrophenol	14.692	139	86343	101.805	ng	# 78
57) 2,4-Dinitrotoluene	14.833	165	79586	53.327	ng	# 96
58) Fluorene	15.520	166	244927	49.376	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.097	232	77060	56.857	ng	98
60) Diethylphthalate	15.297	149	242776	44.493	ng	98
61) 4-Chlorophenyl-phenyle...	15.514	204	121066	48.951	ng	99
62) 4-Nitroaniline	15.538	138	51643	48.950	ng	90
63) Azobenzene	15.802	77	232819	47.873	ng	94
65) 4,6-Dinitro-2-methylph...	15.597	198	52826	56.789	ng	93
66) n-Nitrosodiphenylamine	15.726	169	208929	46.876	ng	98
67) 4-Bromophenyl-phenylether	16.407	248	85148	49.479	ng	98
68) Hexachlorobenzene	16.525	284	95933	50.200	ng	92
69) Atrazine	16.678	200	93430	50.203	ng	97
70) Pentachlorophenol	16.866	266	163192	140.838	ng	92
71) Phenanthrene	17.253	178	432014	50.554	ng	99
72) Anthracene	17.342	178	445045	51.197	ng	100
73) Carbazole	17.612	167	374935	48.962	ng	99
74) Di-n-butylphthalate	18.182	149	427819	46.501	ng	# 98
75) Fluoranthene	19.269	202	759574	75.595	ng	96
77) Benzidine	19.445	184	130039	32.510	ng	98
78) Pyrene	19.627	202	832075	69.459	ng	99
80) Butylbenzylphthalate	20.520	149	208963	46.248	ng	95
81) Benzo(a)anthracene	21.425	228	815498	67.038	ng	99
82) 3,3'-Dichlorobenzidine	21.343	252	70491	17.793	ng	95
83) Chrysene	21.490	228	775722	66.423	ng	99
84) Bis(2-ethylhexyl)phtha...	21.349	149	325329	47.958	ng	98
85) Di-n-octyl phthalate	22.483	149	528525	44.715	ng	# 98
87) Indeno(1,2,3-cd)pyrene	27.841	276	857698	58.687	ng	# 93
88) Benzo(b)fluoranthene	23.511	252	932572m	77.211	ng	
89) Benzo(k)fluoranthene	23.570	252	704036	57.216	ng	# 97
90) Benzo(a)pyrene	24.316	252	804780m	71.629	ng	
91) Dibenzo(a,h)anthracene	27.900	278	606381	51.676	ng	97
92) Benzo(g,h,i)perylene	28.904	276	708375	62.040	ng	# 96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.841 min Scan# 80
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

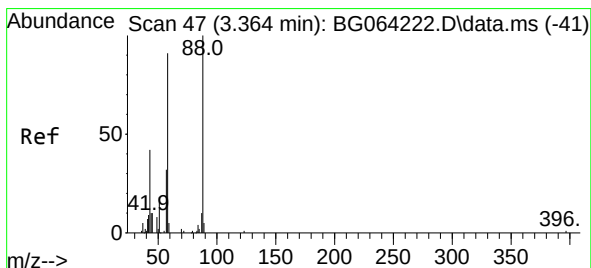
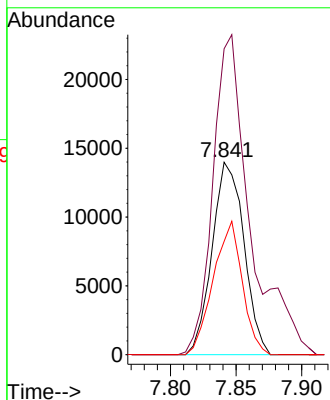
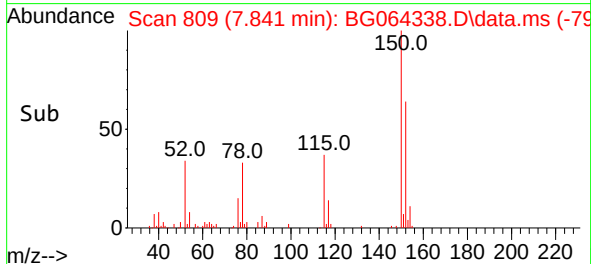
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



Tgt Ion:152 Resp: 2358
Ion Ratio Lower Upper
152 100
150 159.0 128.0 192.0
115 58.8 55.7 83.5

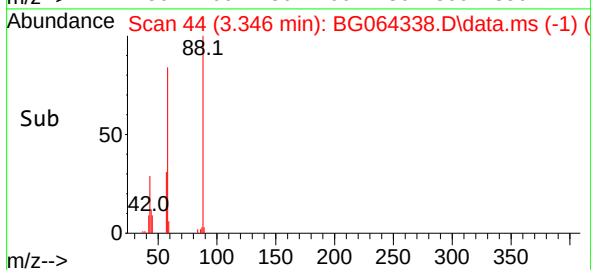
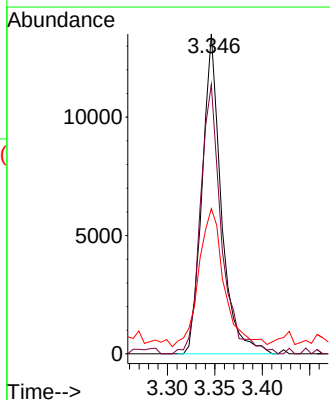
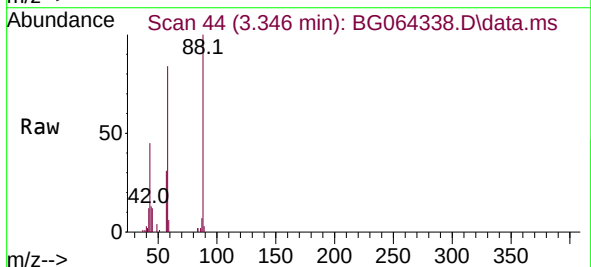
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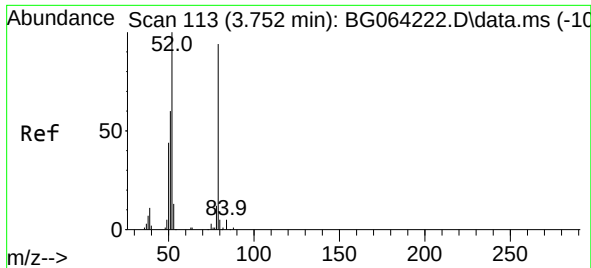
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#2
1,4-Dioxane
Concen: 34.635 ng
RT: 3.346 min Scan# 44
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

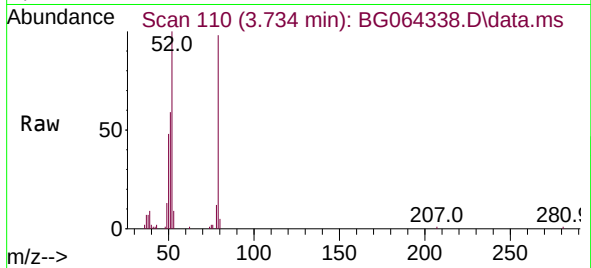
Tgt Ion: 88 Resp: 18976
Ion Ratio Lower Upper
88 100
58 93.0 80.8 121.2
43 56.9 40.3 60.5





#3
Pyridine
Concen: 31.142 ng
RT: 3.734 min Scan# 113
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

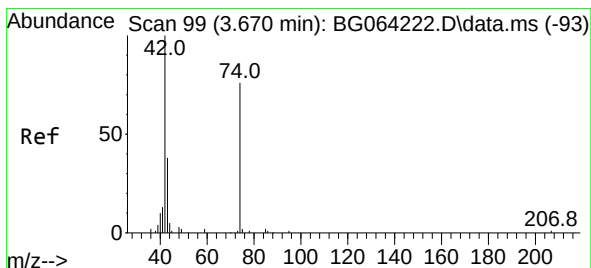
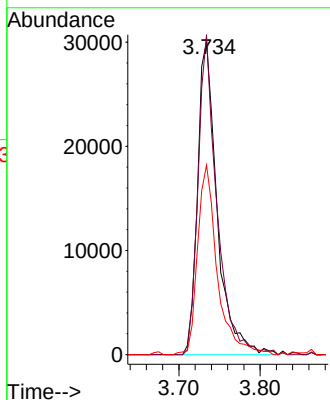
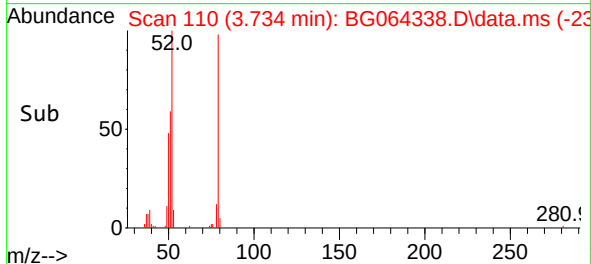
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



Tgt Ion: 79 Resp: 50225
Ion Ratio Lower Upper
79 100
52 102.2 86.6 129.8
51 60.5 114.1 171.1

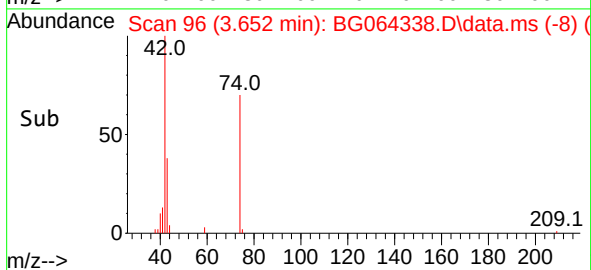
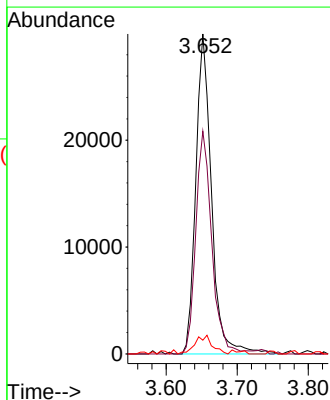
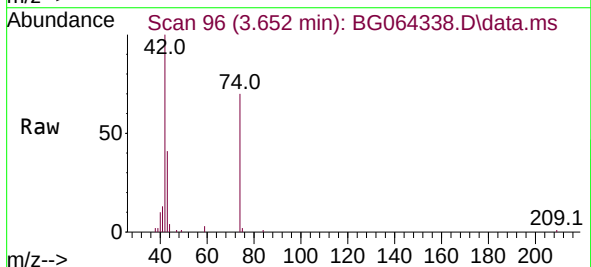
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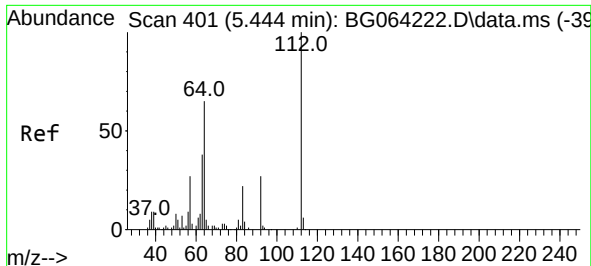
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#4
n-Nitrosodimethylamine
Concen: 42.961 ng
RT: 3.652 min Scan# 96
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

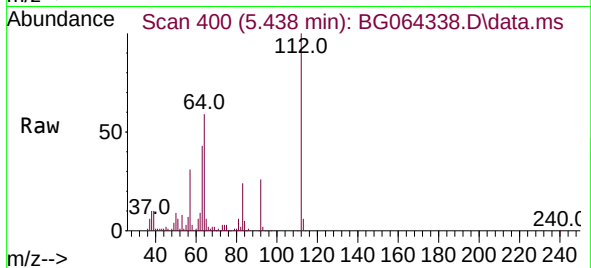
Tgt Ion: 42 Resp: 45829
Ion Ratio Lower Upper
42 100
74 69.6 58.0 87.0
44 4.3 5.5 8.3





#5
2-Fluorophenol
Concen: 99.592 ng
RT: 5.438 min Scan# 401
Delta R.T. -0.007 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

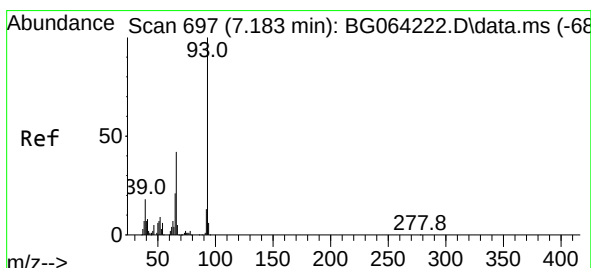
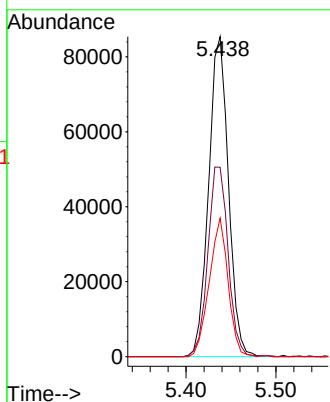
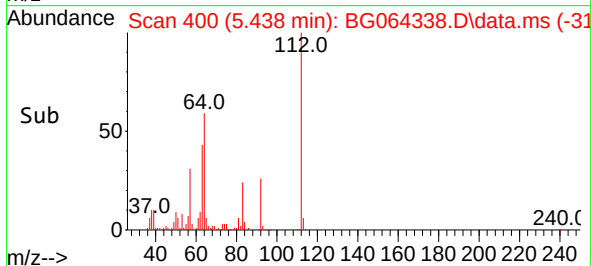
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



Tgt Ion: 112 Resp: 130911
Ion Ratio Lower Upper
112 100
64 59.2 51.8 77.6
63 43.3 30.6 45.8

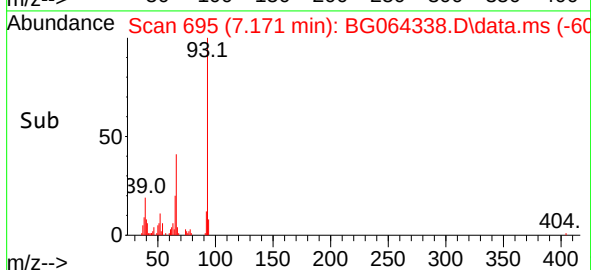
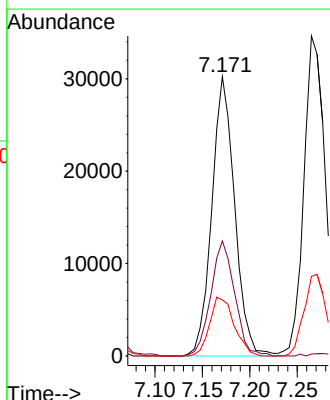
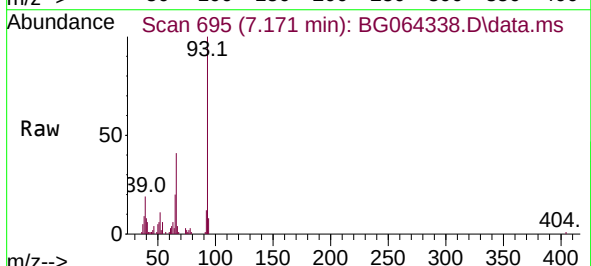
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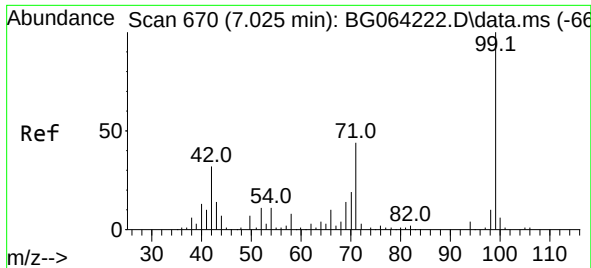
Reviewed By :Rahul Chavli 09/11/2025
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#6
Aniline
Concen: 20.316 ng
RT: 7.171 min Scan# 695
Delta R.T. -0.018 min
Lab File: BG064338.D
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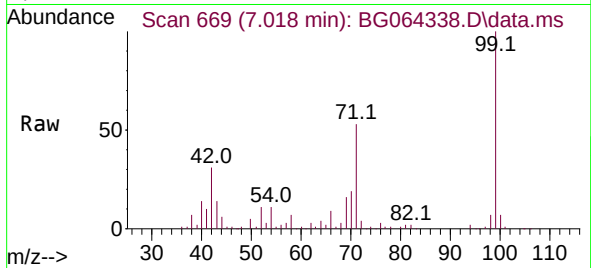
Tgt Ion: 93 Resp: 50734
Ion Ratio Lower Upper
93 100
66 41.1 33.8 50.8
65 20.0 16.9 25.3





#7
Phenol-d6
Concen: 96.571 ng
RT: 7.018 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

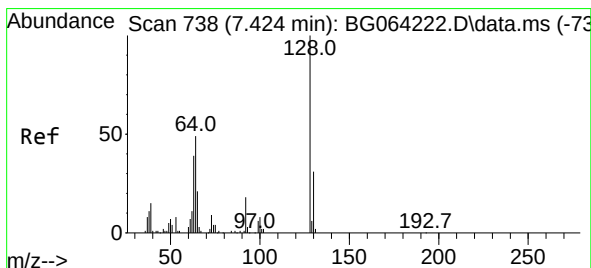
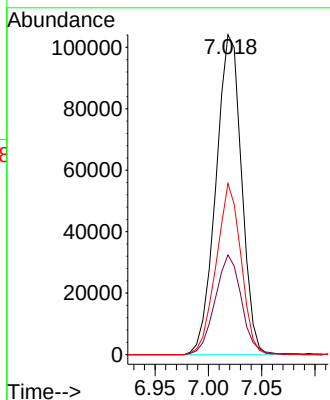
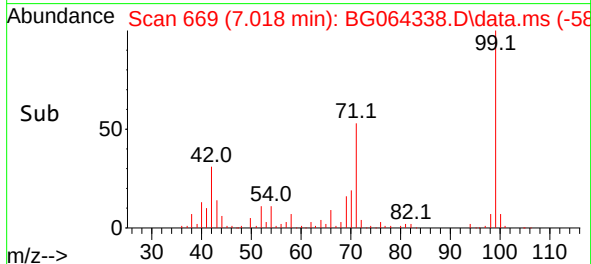
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VNJ-258MS



Tgt Ion: 99 Resp: 174394
Ion Ratio Lower Upper
99 100
42 31.2 25.8 38.8
71 53.5 35.2 52.8

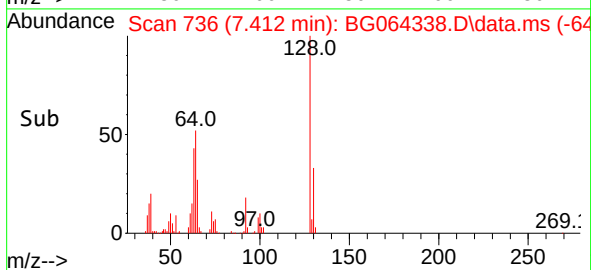
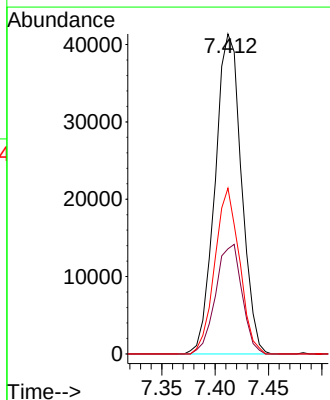
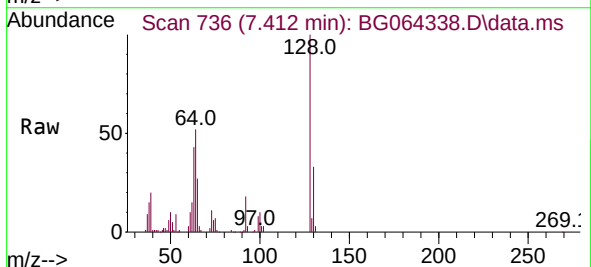
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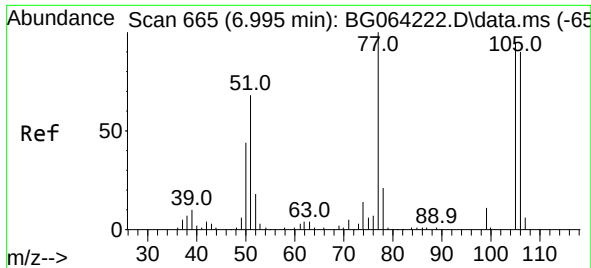
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#8
2-Chlorophenol
Concen: 44.412 ng
RT: 7.412 min Scan# 736
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Tgt Ion:128 Resp: 71337
Ion Ratio Lower Upper
128 100
130 32.8 10.9 50.9
64 51.8 28.7 68.7





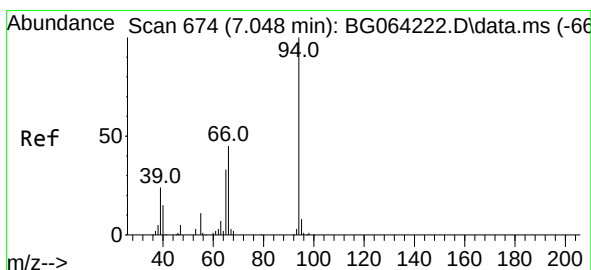
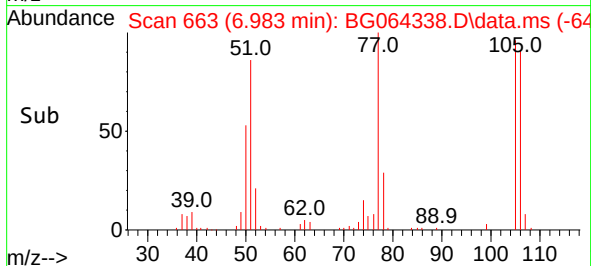
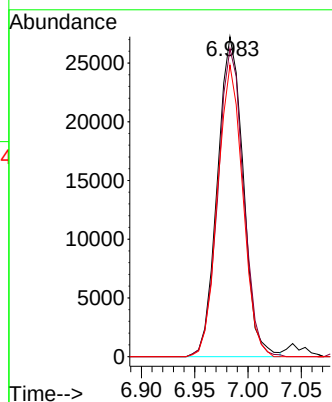
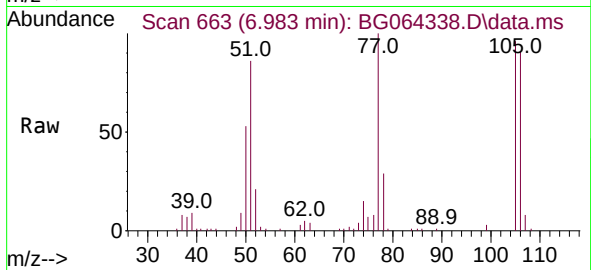
#9
Benzaldehyde
Concen: 30.850 ng
RT: 6.983 min Scan# 663
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Instrument :
BNA_G
ClientSampleId :
VNJ-258MS

Tgt Ion: 77 Resp: 45848
Ion Ratio Lower Upper
77 100
105 96.2 75.2 115.2
106 91.1 69.6 109.6

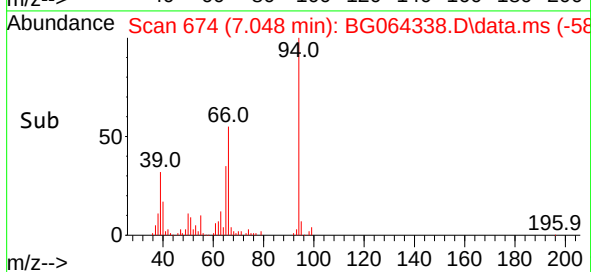
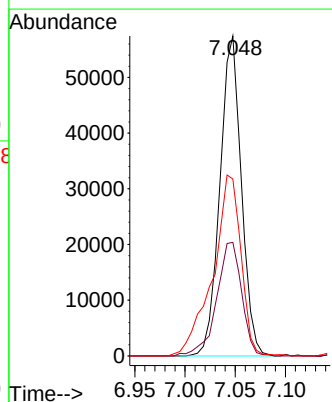
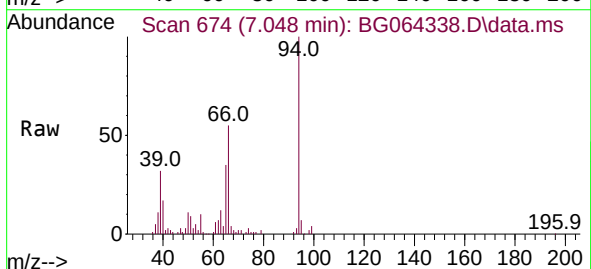
Manual Integrations
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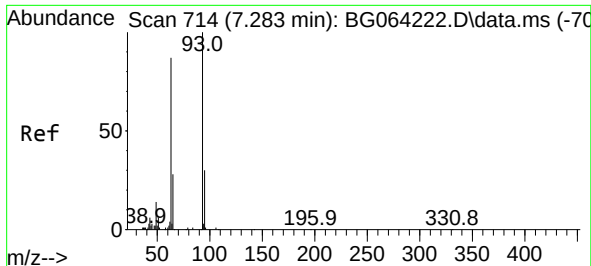
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#10
Phenol
Concen: 42.894 ng
RT: 7.048 min Scan# 674
Delta R.T. -0.006 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

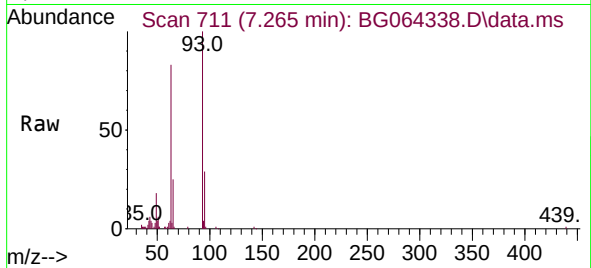
Tgt Ion: 94 Resp: 85401
Ion Ratio Lower Upper
94 100
65 35.5 13.5 53.5
66 55.3 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 35.774 ng
RT: 7.265 min Scan# 714
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

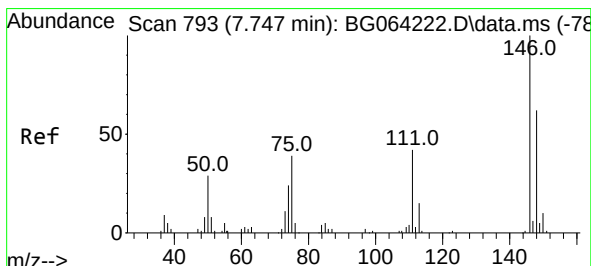
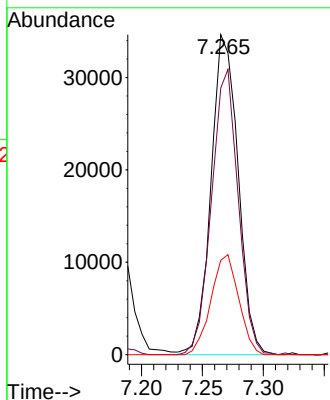
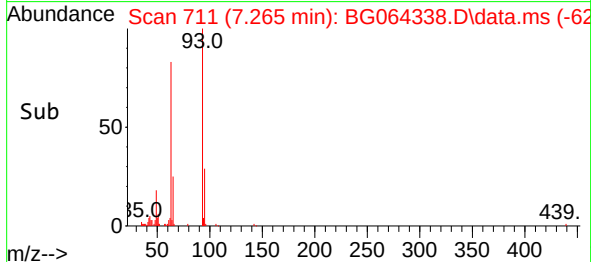
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



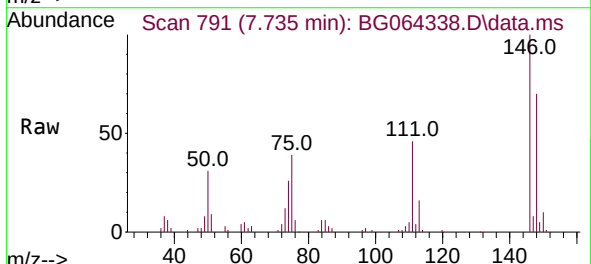
Tgt Ion: 93 Resp: 53522
Ion Ratio Lower Upper
93 100
63 83.3 66.2 106.2
95 29.5 9.8 49.8

Manual Integrations
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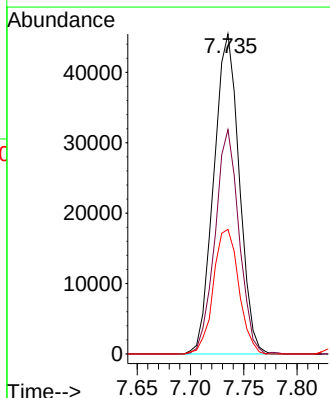
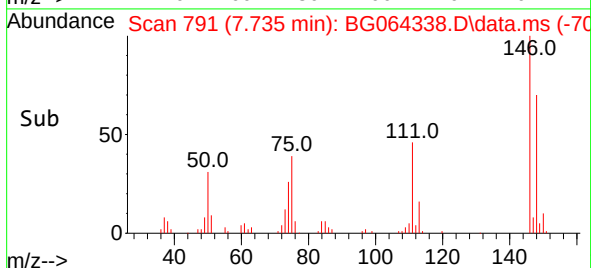
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

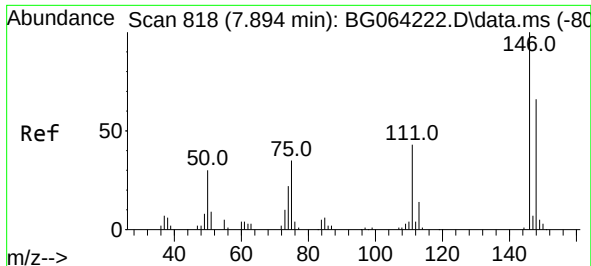


#12
1,3-Dichlorobenzene
Concen: 44.160 ng
RT: 7.735 min Scan# 791
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48



Tgt Ion:146 Resp: 75462
Ion Ratio Lower Upper
146 100
148 70.1 49.6 74.4
75 38.9 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 46.121 ng

RT: 7.882 min Scan# 81

Delta R.T. -0.012 min

Lab File: BG064338.D

Acq: 10 Sep 2025 18:48

Instrument :

BNA_G

ClientSampleId :

VNJ-258MS

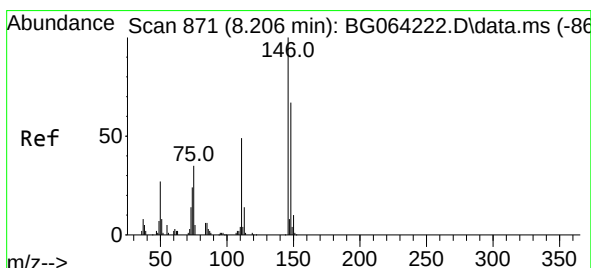
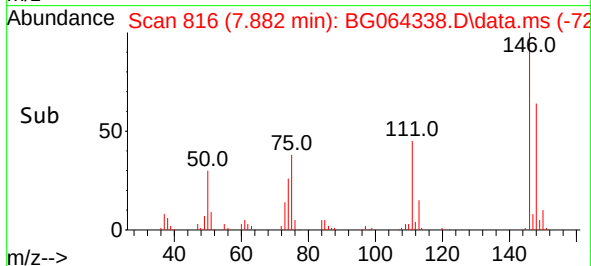
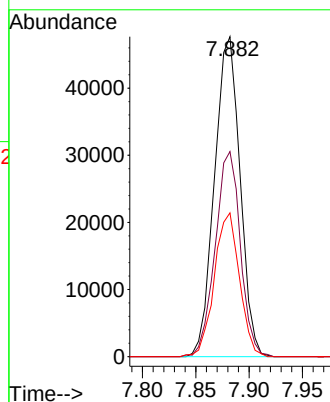
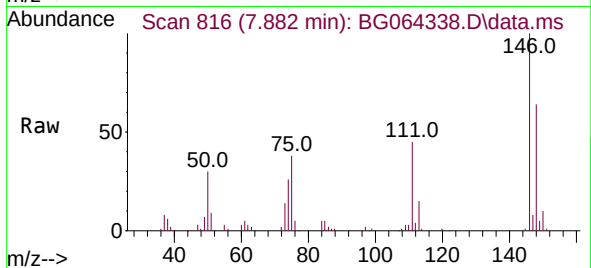
Tgt Ion:146 Resp: 79540
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.8 79.2
 111 44.9 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#14

1,2-Dichlorobenzene

Concen: 45.963 ng

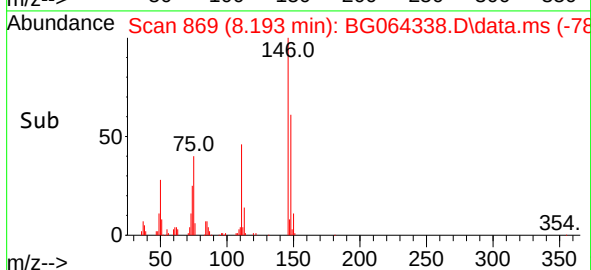
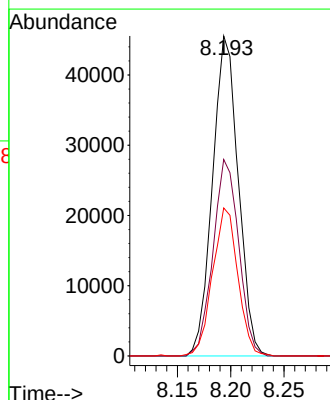
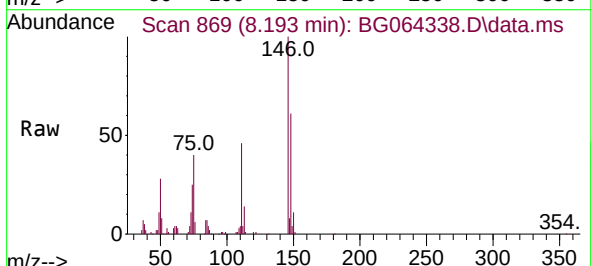
RT: 8.193 min Scan# 869

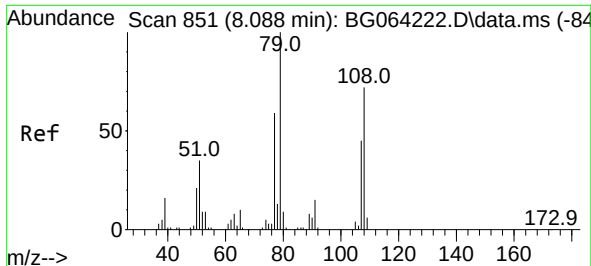
Delta R.T. -0.018 min

Lab File: BG064338.D

Acq: 10 Sep 2025 18:48

Tgt Ion:146 Resp: 76504
 Ion Ratio Lower Upper
 146 100
 148 61.4 53.4 80.0
 111 46.2 39.1 58.7





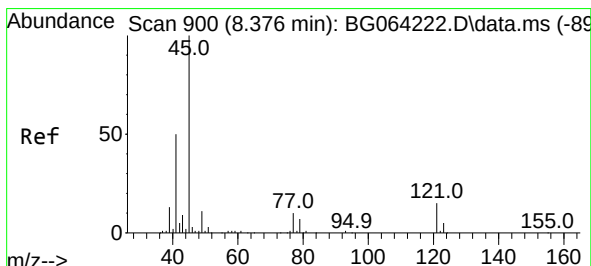
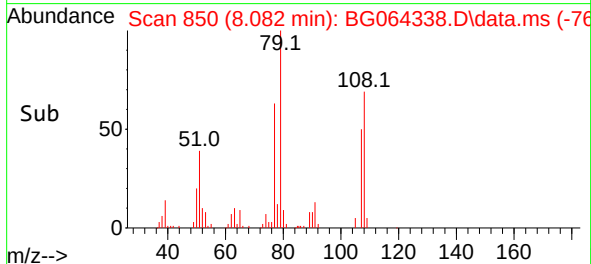
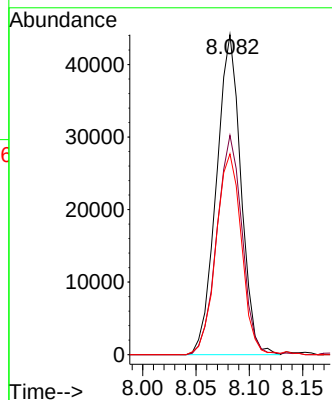
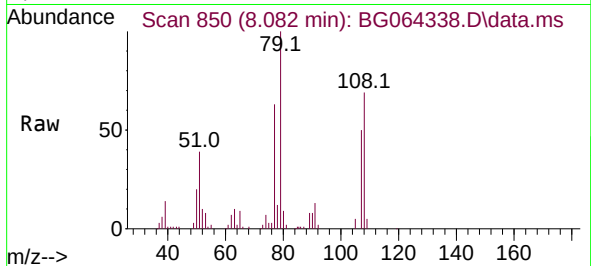
#15
Benzyl Alcohol
Concen: 42.431 ng
RT: 8.082 min Scan# 851
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Instrument :
BNA_G
ClientSampleId :
VNJ-258MS

Tgt Ion: 79 Resp: 70711
Ion Ratio Lower Upper
79 100
108 68.5 57.4 86.0
77 62.7 47.2 70.8

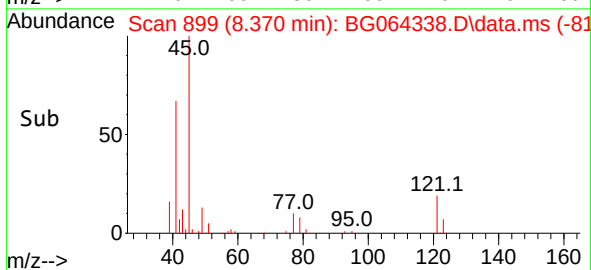
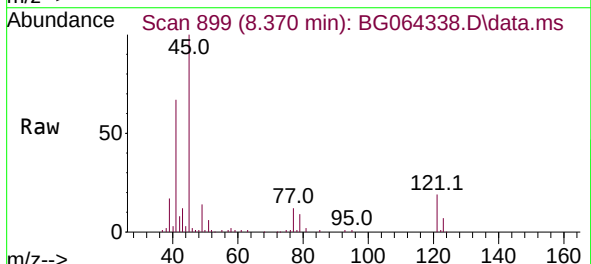
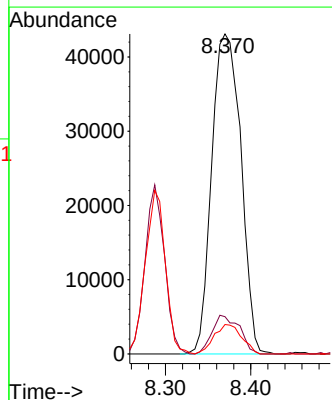
Manual Integrations
APPROVED

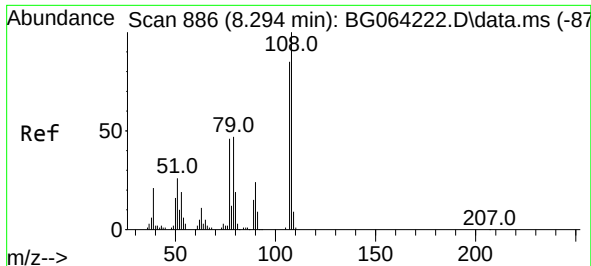
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.955 ng
RT: 8.370 min Scan# 899
Delta R.T. -0.007 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Tgt Ion: 45 Resp: 102321
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.0
79 9.2 0.0 27.9





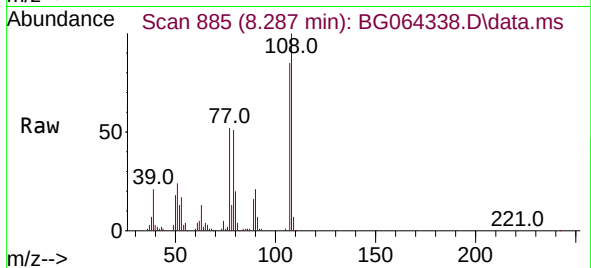
#17
2-Methylphenol
Concen: 40.653 ng
RT: 8.287 min Scan# 886
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Instrument :

BNA_G

ClientSampleId :

VNJ-258MS



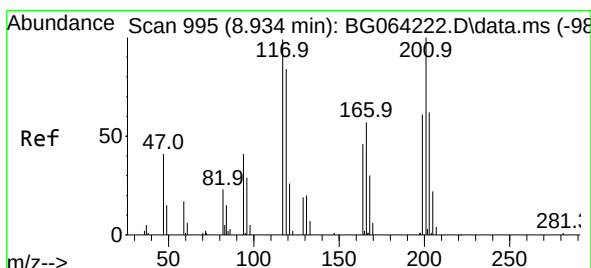
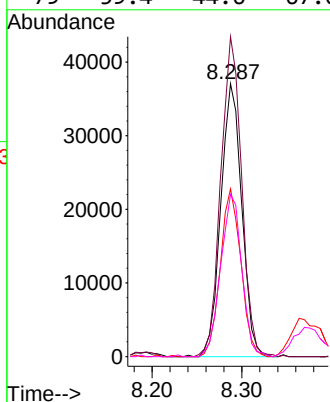
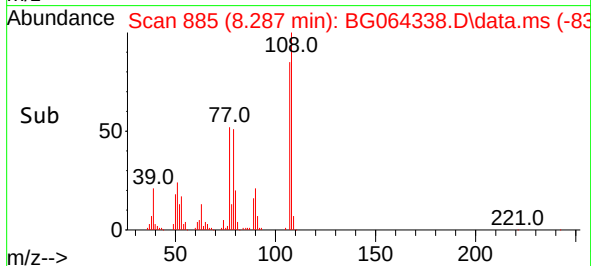
Tgt Ion:	107	Resp:	60323
Ion	Ratio	Lower	Upper
107	100		
108	117.2	94.6	141.8
77	61.5	43.7	65.5
79	59.4	44.6	67.0

Manual Integrations

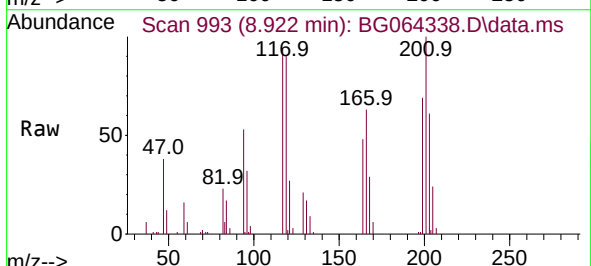
APPROVED

Reviewed By :Rahul Chavli 09/11/2025

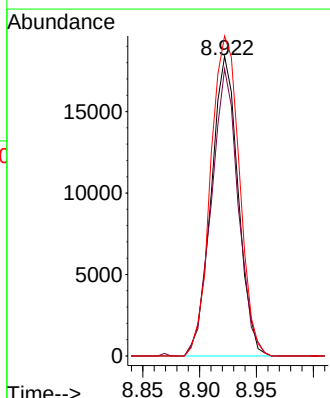
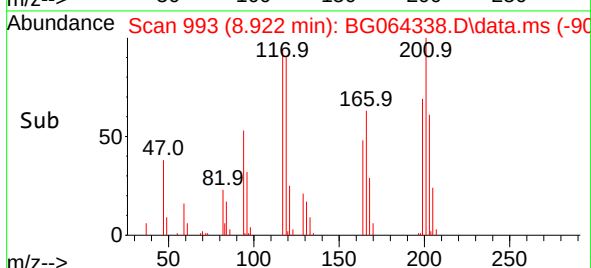
Supervised By :Jagrut Upadhyay 09/11/2025

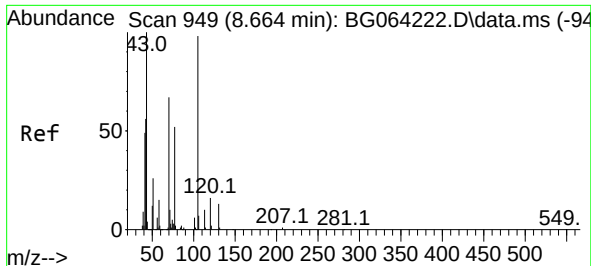


#18
Hexachloroethane
Concen: 44.958 ng
RT: 8.922 min Scan# 993
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48



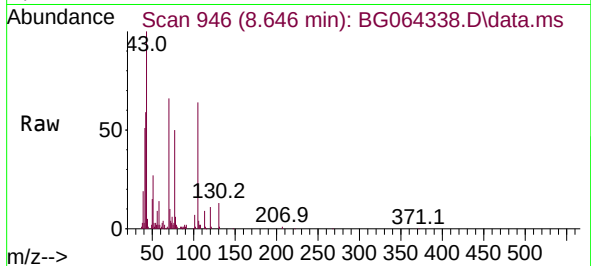
Tgt Ion:	117	Resp:	30266
Ion	Ratio	Lower	Upper
117	100		
119	95.8	67.9	101.9
201	106.8	80.5	120.7





#19
n-Nitroso-di-n-propylamine
Concen: 36.012 ng
RT: 8.646 min Scan# 94
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

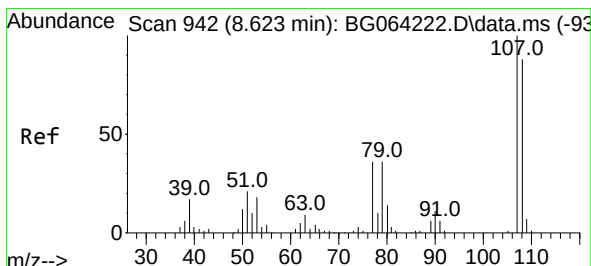
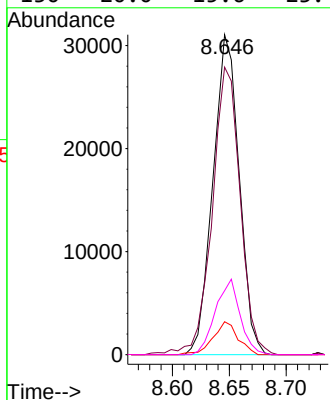
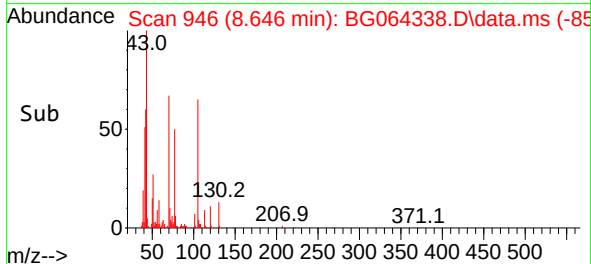
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



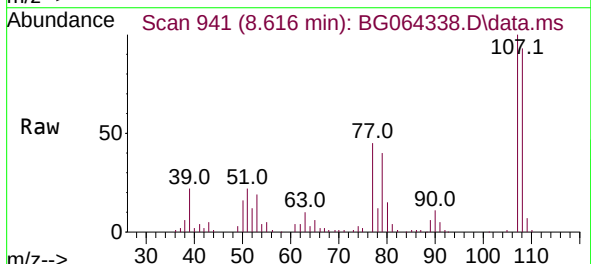
Tgt Ion: 70 Resp: 49772
Ion Ratio Lower Upper
70 100
42 89.8 67.9 101.9
101 10.3 7.3 10.9
130 20.0 15.6 23.4

Manual Integrations
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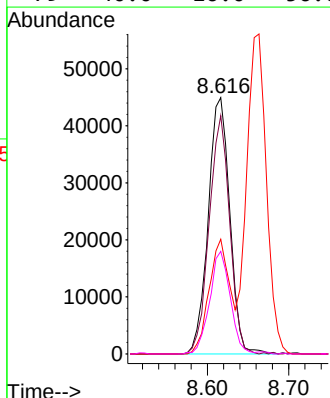
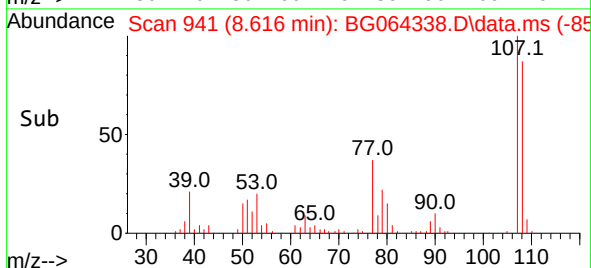
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

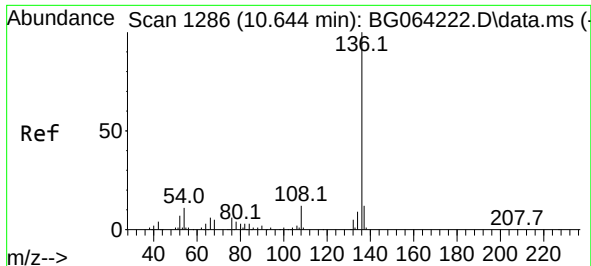


#20
3+4-Methylphenols
Concen: 40.211 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48



Tgt Ion:107 Resp: 82909
Ion Ratio Lower Upper
107 100
108 92.9 68.1 108.1
77 44.8 15.9 55.9
79 40.0 16.0 56.0





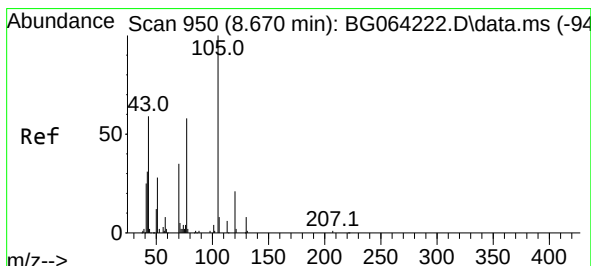
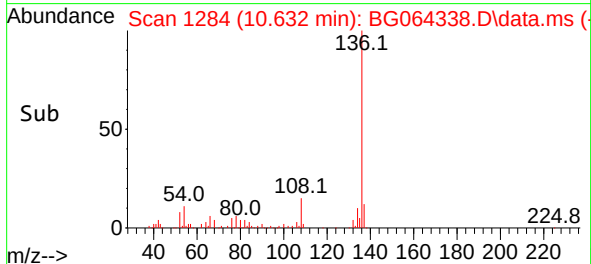
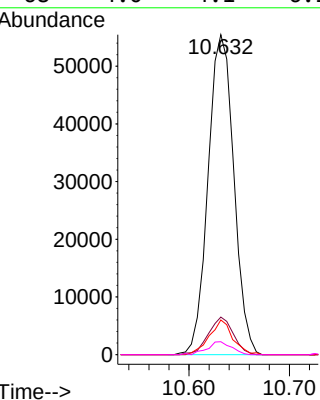
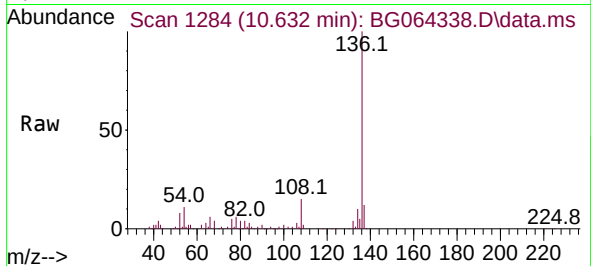
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.632 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Instrument :
BNA_G
ClientSampleId :
VNJ-258MS

Tgt Ion:	136	Resp:	98916
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.6	14.4
54	10.8	8.8	13.2
68	4.0	4.1	6.1

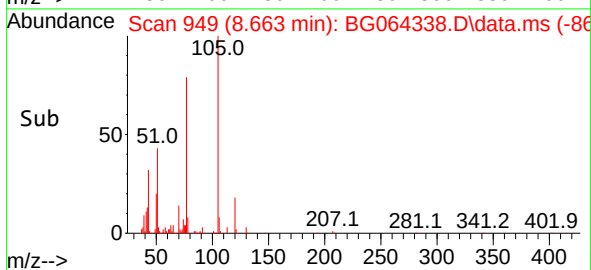
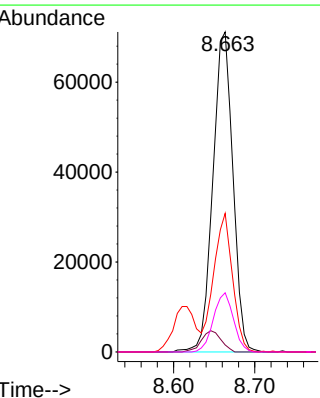
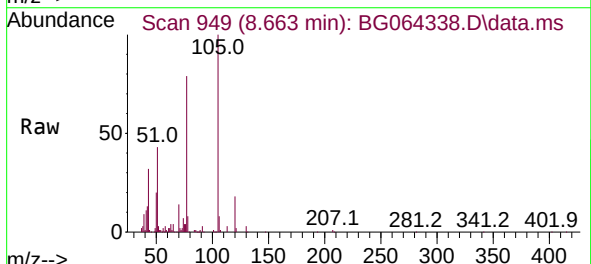
Manual Integrations
APPROVED

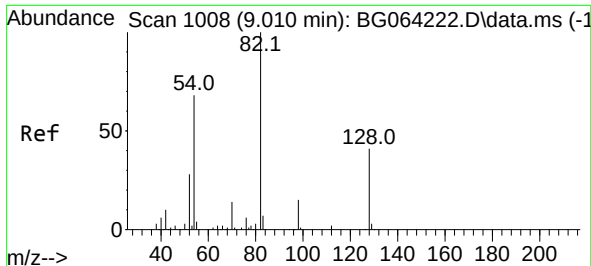
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#22
Acetophenone
Concen: 48.578 ng
RT: 8.663 min Scan# 949
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Tgt Ion:	105	Resp:	121565
Ion Ratio	Lower	Upper	
105	100		
71	2.2	4.3	6.5
51	43.3	32.4	48.6
120	18.5	16.8	25.2





#23

Nitrobenzene-d5

Concen: 70.848 ng

RT: 8.998 min Scan# 1006

Delta R.T. -0.018 min

Lab File: BG064338.D

Acq: 10 Sep 2025 18:48

Instrument :

BNA_G

ClientSampleId :

VNJ-258MS

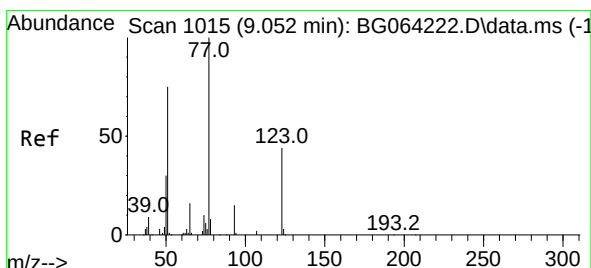
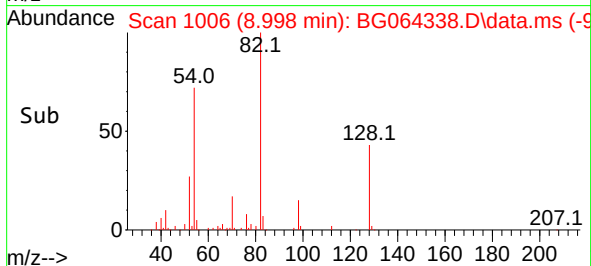
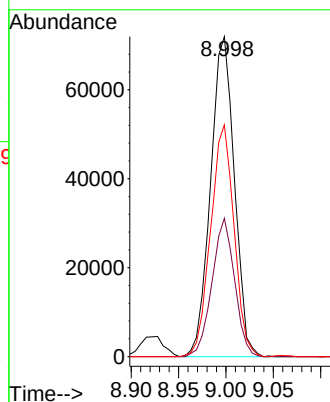
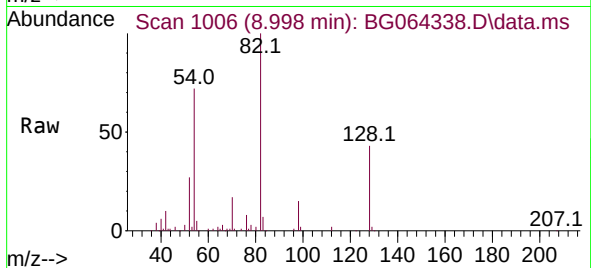
Tgt Ion: 82 Resp: 125659
 Ion Ratio Lower Upper
 82 100
 128 43.2 32.6 48.8
 54 72.4 54.7 82.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#24

Nitrobenzene

Concen: 45.523 ng

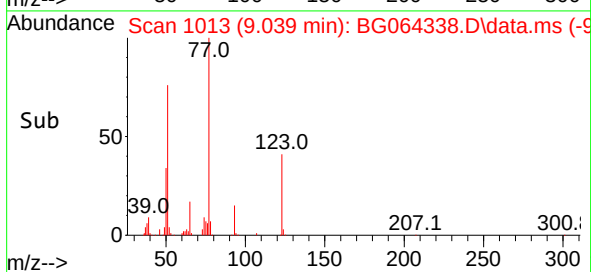
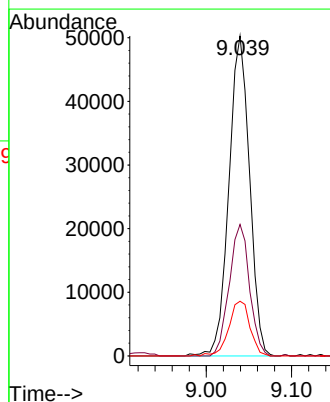
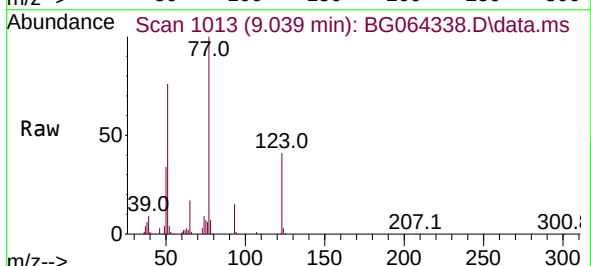
RT: 9.039 min Scan# 1013

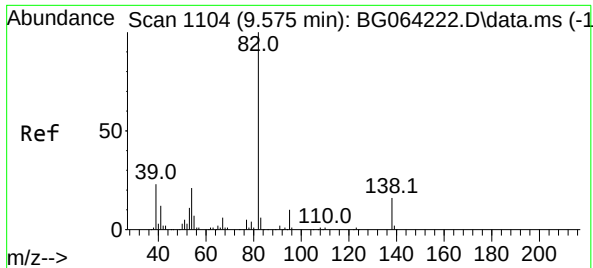
Delta R.T. -0.018 min

Lab File: BG064338.D

Acq: 10 Sep 2025 18:48

Tgt Ion: 77 Resp: 84359
 Ion Ratio Lower Upper
 77 100
 123 41.1 35.2 52.8
 65 17.1 12.6 19.0





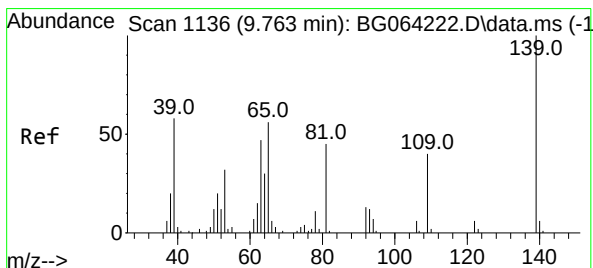
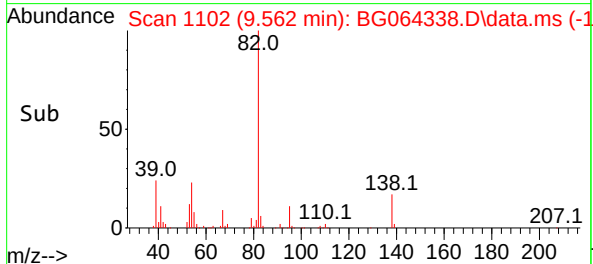
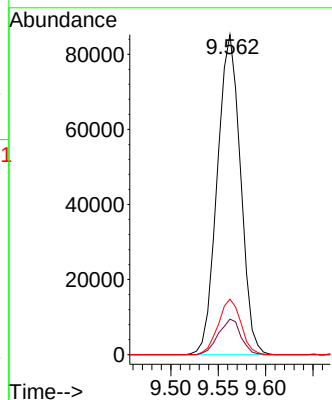
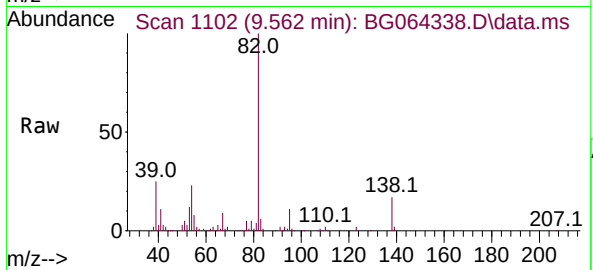
#25
Isophorone
Concen: 39.344 ng
RT: 9.562 min Scan# 1102
Delta R.T. -0.024 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Instrument :
BNA_G
ClientSampleId :
VNJ-258MS

Tgt Ion: 82 Resp: 14502
Ion Ratio Lower Upper
82 100
95 11.1 7.9 11.9
138 17.3 13.0 19.4

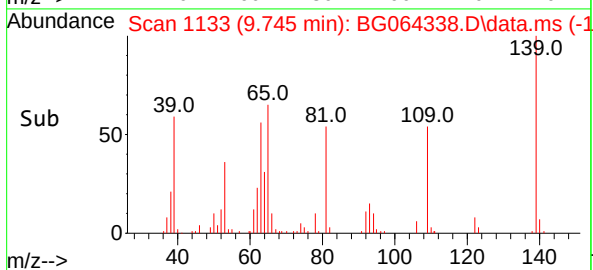
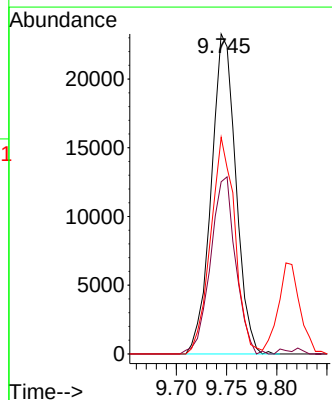
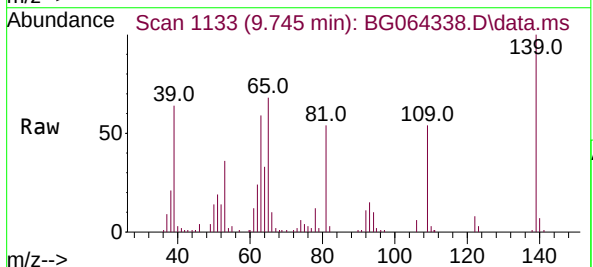
Manual Integrations
APPROVED

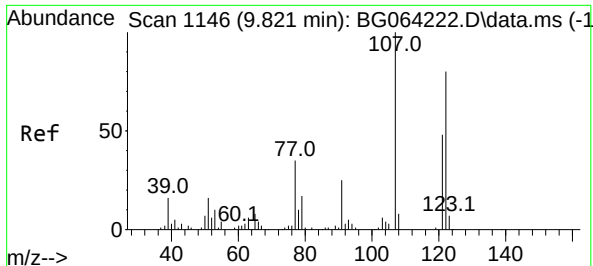
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#26
2-Nitrophenol
Concen: 49.458 ng
RT: 9.745 min Scan# 1133
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Tgt Ion:139 Resp: 39602
Ion Ratio Lower Upper
139 100
109 53.8 32.4 48.6#
65 67.7 44.6 67.0#





#27
2,4-Dimethylphenol
Concen: 49.840 ng
RT: 9.815 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Instrument :

BNA_G

ClientSampleId :

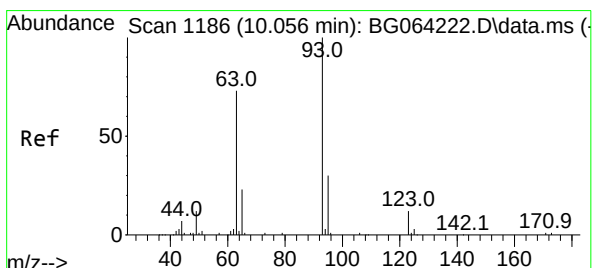
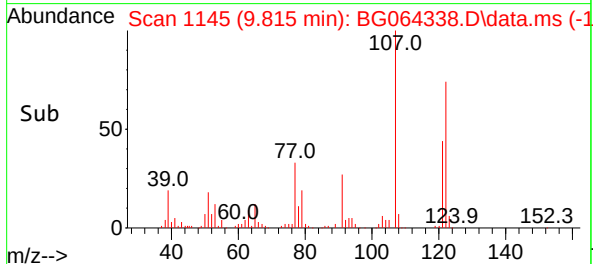
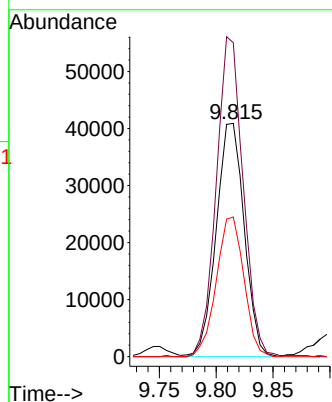
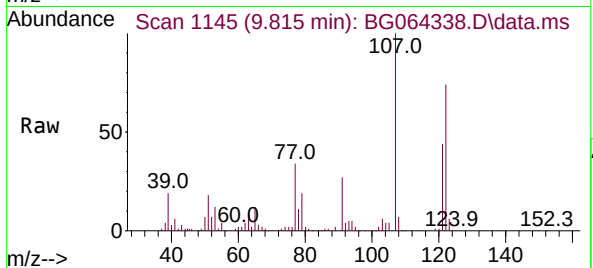
VNJ-258MS

Tgt Ion:122 Resp: 70065
Ion Ratio Lower Upper
122 100
107 134.6 99.9 149.9
121 59.9 48.6 72.8

Manual Integrations

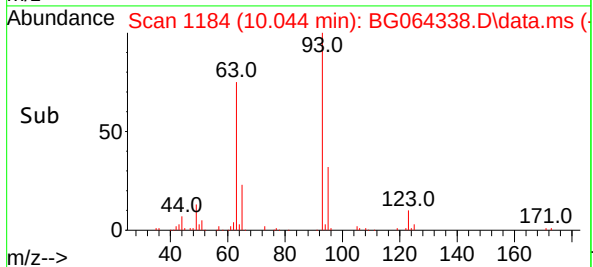
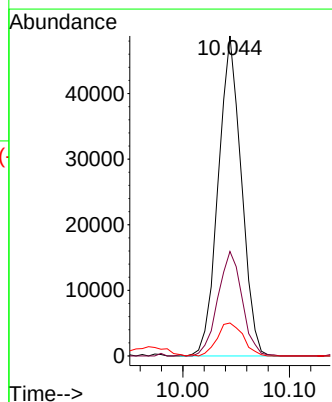
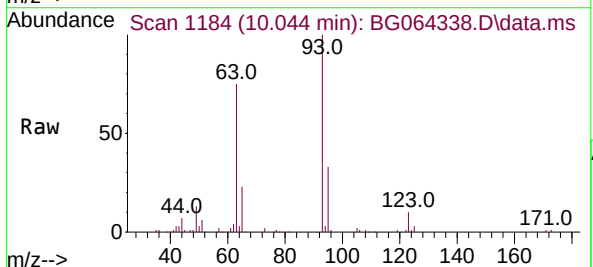
APPROVED

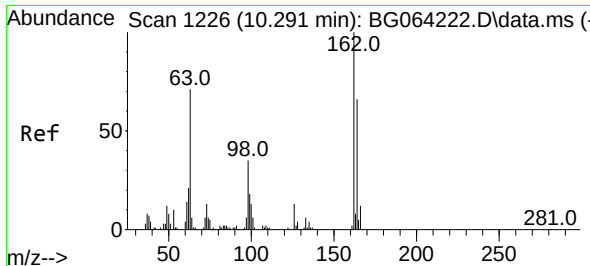
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#28
bis(2-Chloroethoxy)methane
Concen: 36.986 ng
RT: 10.044 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Tgt Ion: 93 Resp: 73514
Ion Ratio Lower Upper
93 100
95 32.6 23.9 35.9
123 10.3 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 50.335 ng

RT: 10.279 min Scan# 1224

Delta R.T. -0.018 min

Lab File: BG064338.D

Acq: 10 Sep 2025 18:48

Instrument :

BNA_G

ClientSampleId :

VNJ-258MS

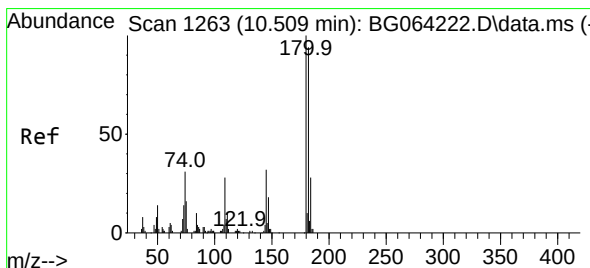
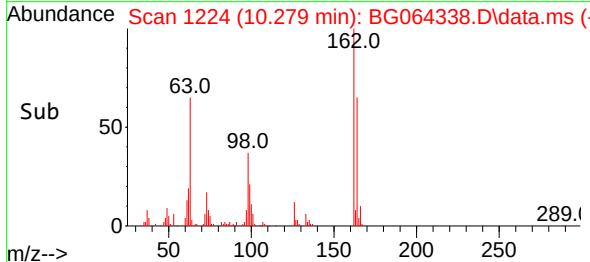
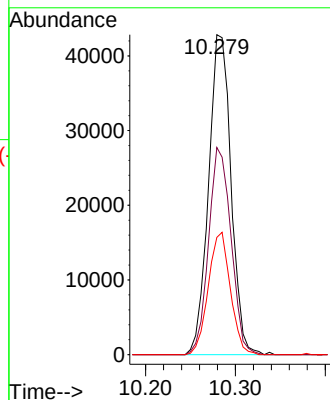
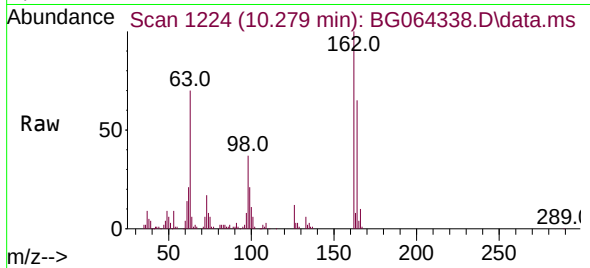
Tgt Ion:162	Resp:	74662
Ion Ratio	Lower	Upper
162	100	
164	64.7	45.8 85.8
98	36.6	15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#30

1,2,4-Trichlorobenzene

Concen: 50.886 ng

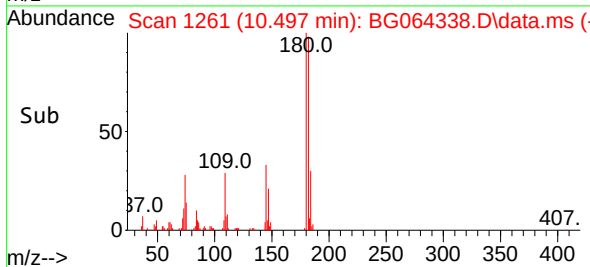
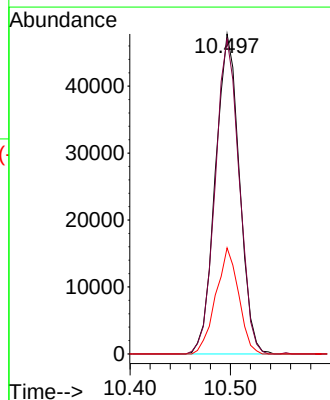
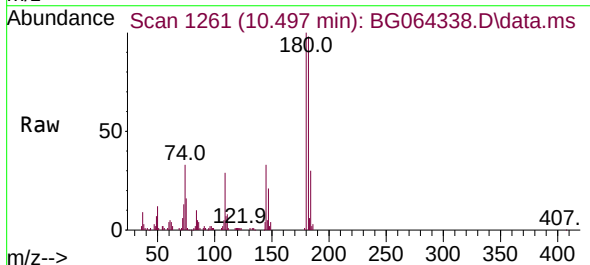
RT: 10.497 min Scan# 1261

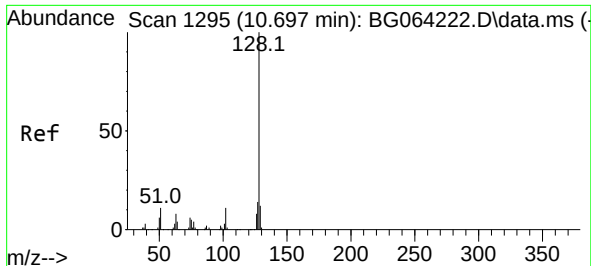
Delta R.T. -0.012 min

Lab File: BG064338.D

Acq: 10 Sep 2025 18:48

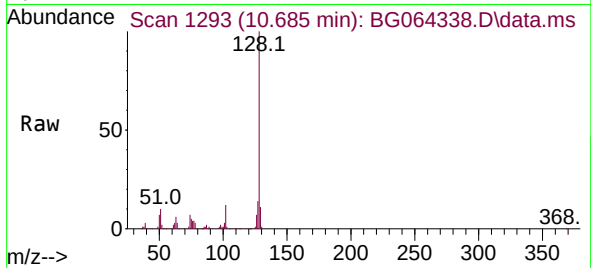
Tgt Ion:180	Resp:	79585
Ion Ratio	Lower	Upper
180	100	
182	98.3	75.0 112.6
145	33.1	25.4 38.0





#31
Naphthalene
Concen: 44.507 ng
RT: 10.685 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

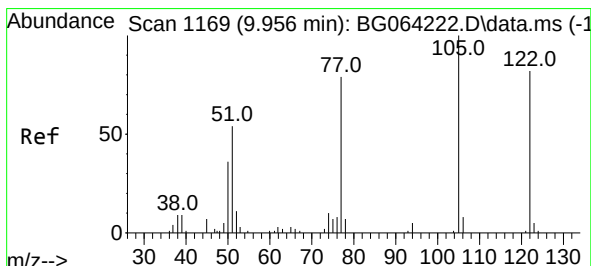
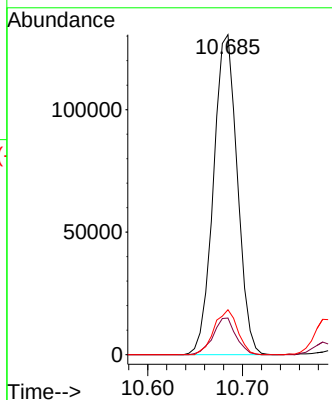
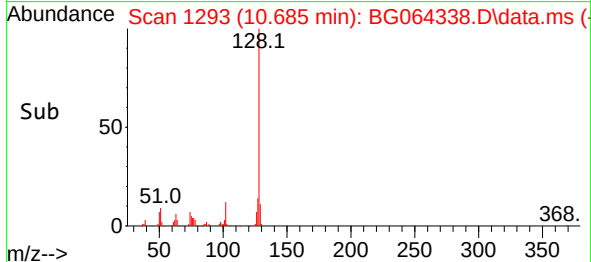
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



Tgt Ion:128 Resp: 228290
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 14.1 10.9 16.3

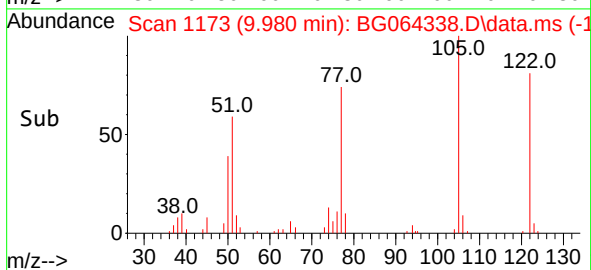
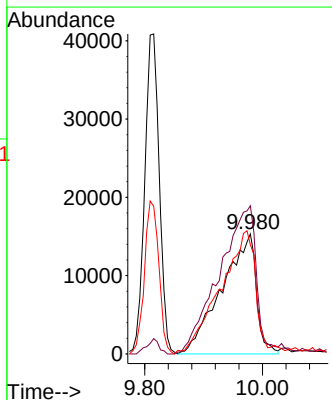
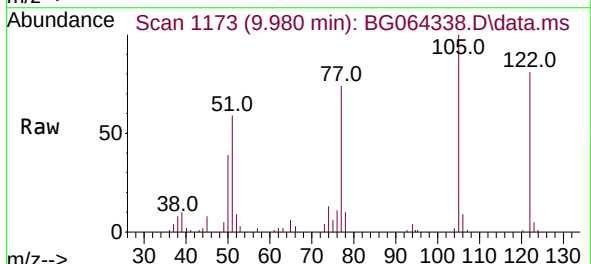
Manual Integrations
APPROVED

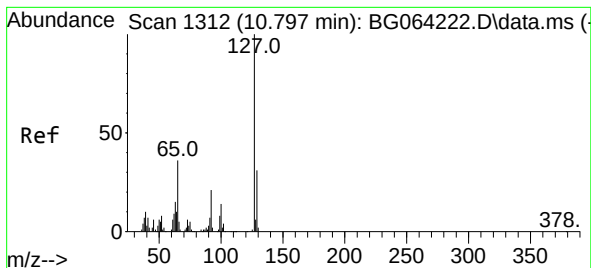
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#32
Benzoic acid
Concen: 56.123 ng
RT: 9.980 min Scan# 1173
Delta R.T. -0.036 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Tgt Ion:122 Resp: 62629
Ion Ratio Lower Upper
122 100
105 123.5 98.5 138.5
77 91.0 74.6 114.6





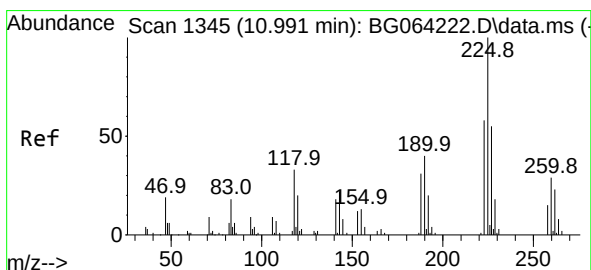
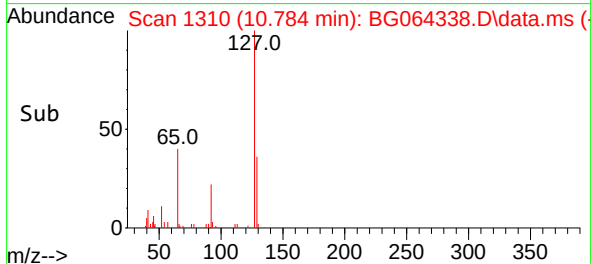
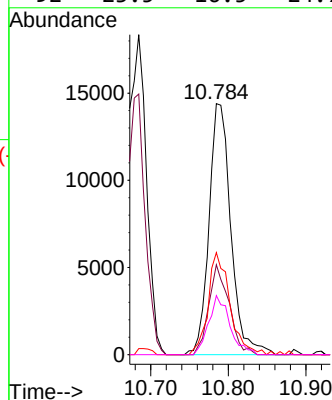
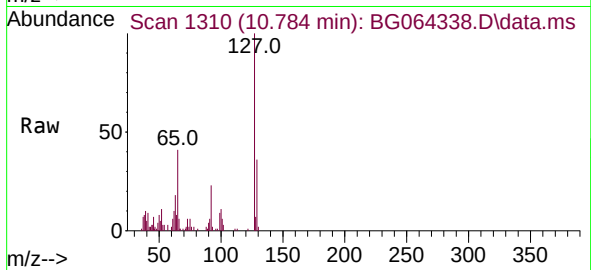
#33
4-Chloroaniline
Concen: 14.180 ng
RT: 10.784 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Instrument :
BNA_G
ClientSampleId :
VNJ-258MS

Tgt Ion:127	Resp:	2819
Ion Ratio	Lower	Upper
127	100	
129	35.8	25.0 37.4
65	40.7	28.7 43.1
92	23.5	16.5 24.7

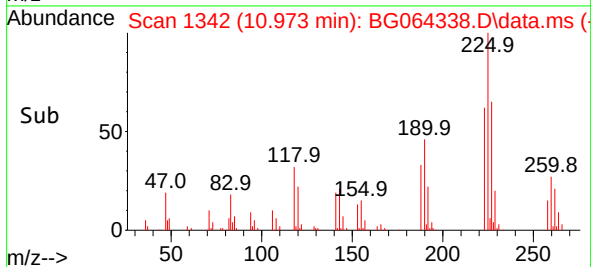
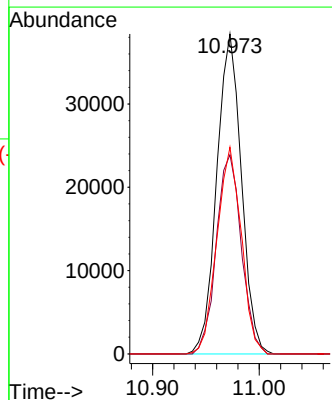
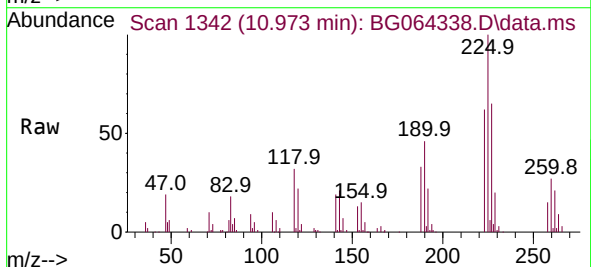
Manual Integrations
APPROVED

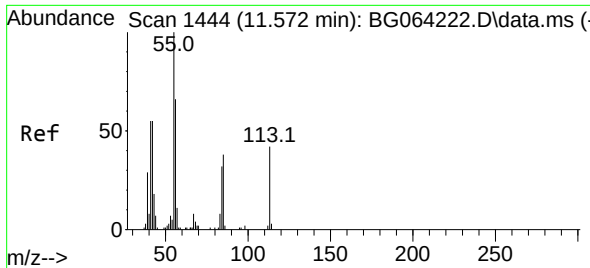
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#34
Hexachlorobutadiene
Concen: 53.404 ng
RT: 10.973 min Scan# 1342
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

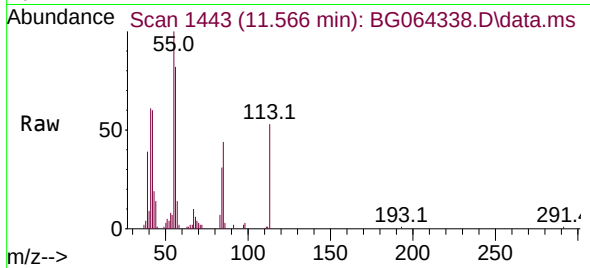
Tgt Ion:225	Resp:	61740
Ion Ratio	Lower	Upper
225	100	
223	62.2	46.5 69.7
227	64.6	44.1 66.1





#35
Caprolactam
Concen: 42.478 ng m
RT: 11.566 min Scan# 14
Delta R.T. -0.036 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

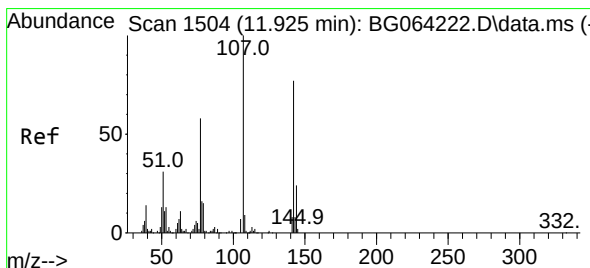
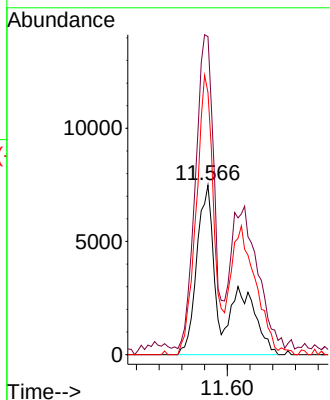
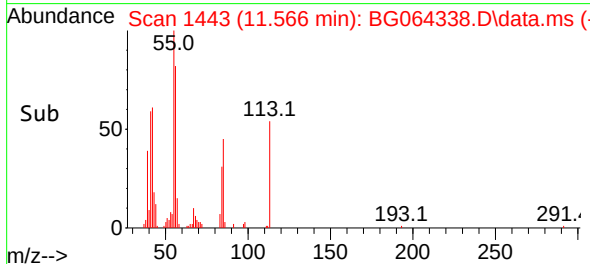
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



Tgt Ion:113 Resp: 2439
Ion Ratio Lower Upper
113 100
55 187.7 218.5 258.5
56 154.8 138.5 178.5

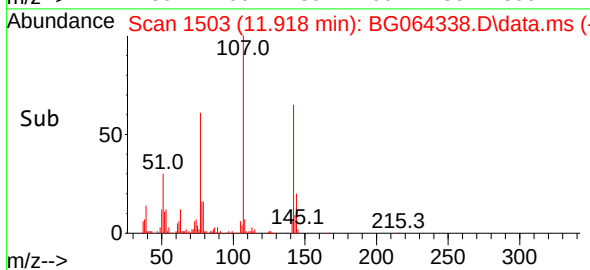
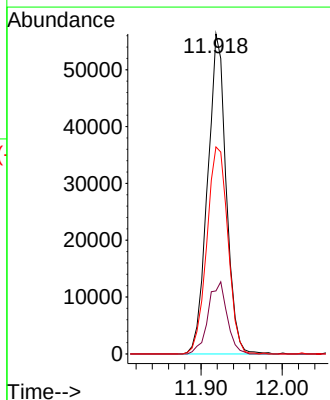
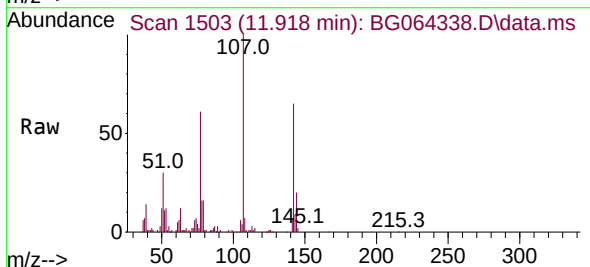
Manual Integrations
APPROVED

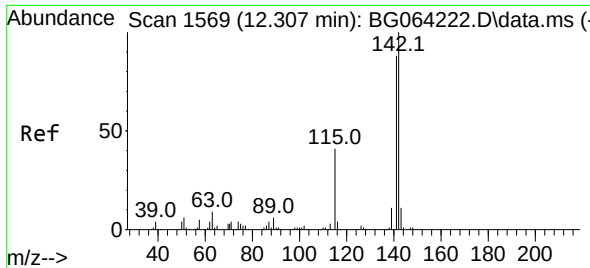
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#36
4-Chloro-3-methylphenol
Concen: 46.516 ng
RT: 11.918 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Tgt Ion:107 Resp: 89522
Ion Ratio Lower Upper
107 100
144 19.7 19.5 29.3
142 64.7 62.0 93.0





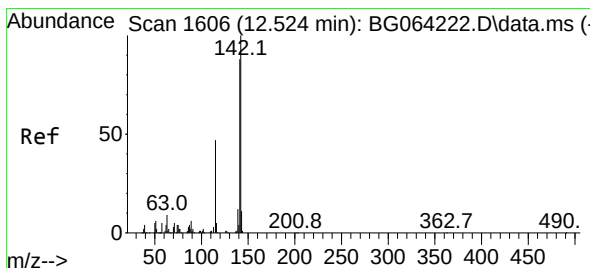
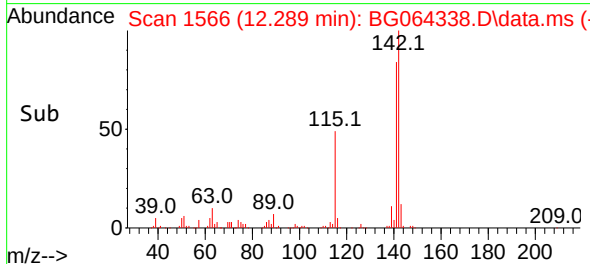
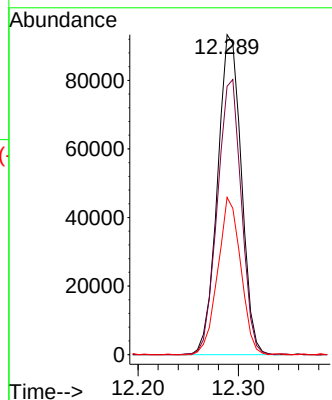
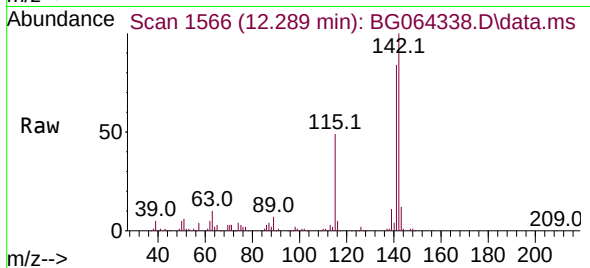
#37
2-Methylnaphthalene
Concen: 40.466 ng
RT: 12.289 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Instrument :
BNA_G
ClientSampleId :
VNJ-258MS

Tgt Ion:142 Resp: 154282
Ion Ratio Lower Upper
142 100
141 83.8 70.1 105.1
115 49.1 33.1 49.7

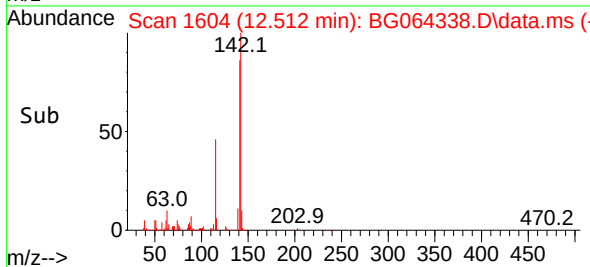
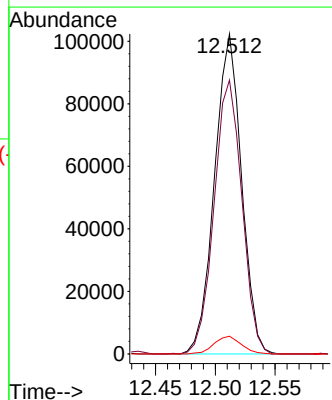
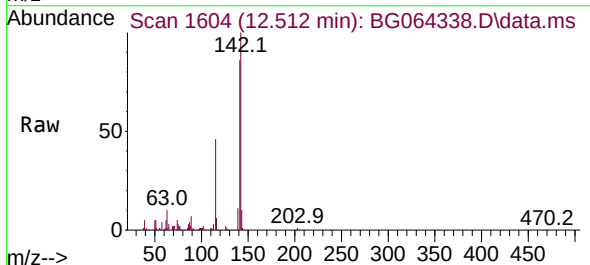
Manual Integrations
APPROVED

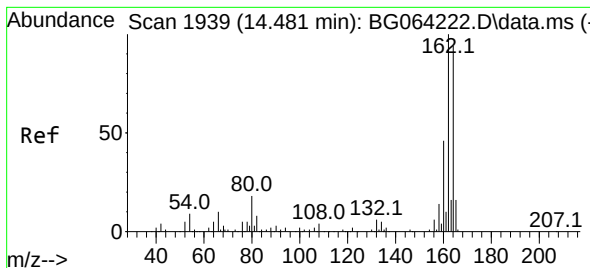
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#38
1-Methylnaphthalene
Concen: 42.857 ng m
RT: 12.512 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Tgt Ion:142 Resp: 161392
Ion Ratio Lower Upper
142 100
141 85.6 70.3 105.5
116 5.5 3.7 5.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.468 min Scan# 1937

Delta R.T. -0.013 min

Lab File: BG064338.D

Acq: 10 Sep 2025 18:48

Instrument :

BNA_G

ClientSampleId :

VNJ-258MS

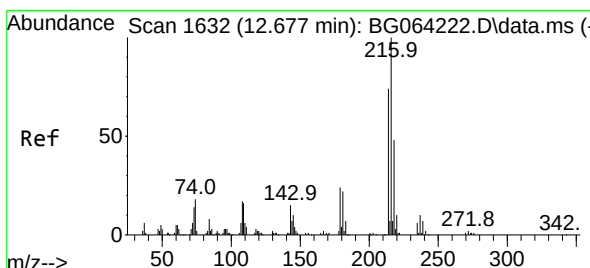
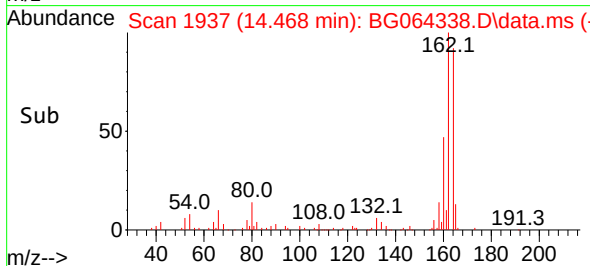
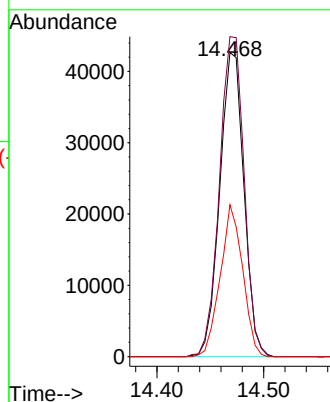
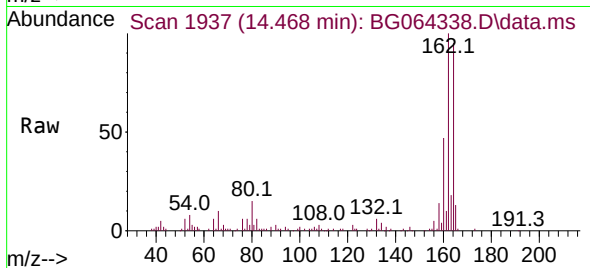
Tgt Ion:164 Resp: 67359
 Ion Ratio Lower Upper
 164 100
 162 105.2 85.4 128.0
 160 49.9 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.013 ng

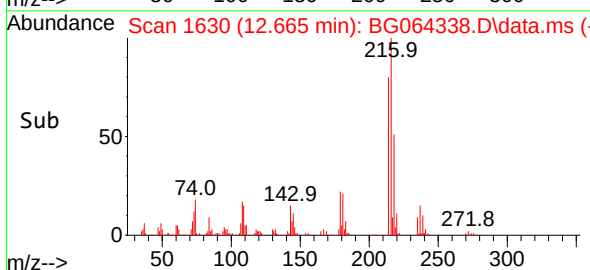
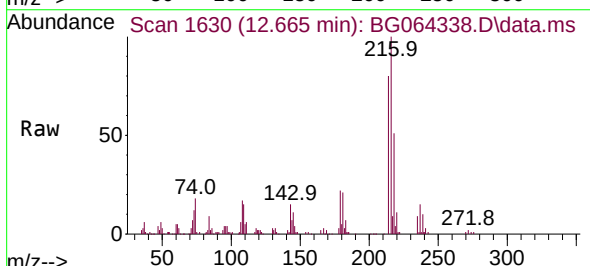
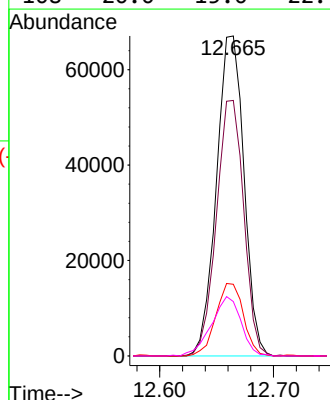
RT: 12.665 min Scan# 1630

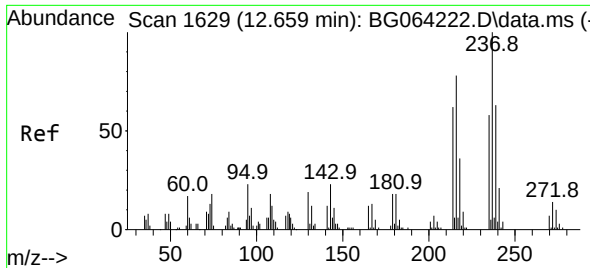
Delta R.T. -0.012 min

Lab File: BG064338.D

Acq: 10 Sep 2025 18:48

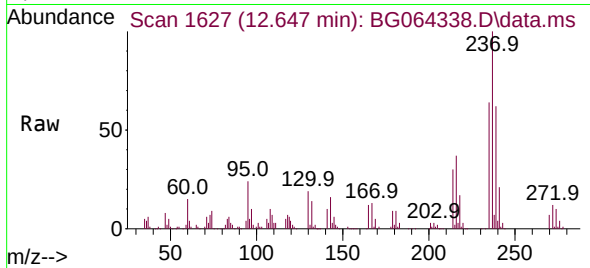
Tgt Ion:216 Resp: 112750
 Ion Ratio Lower Upper
 216 100
 214 79.3 61.9 92.9
 179 22.6 17.9 26.9
 108 20.0 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 121.632 ng
RT: 12.647 min Scan# 1627
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

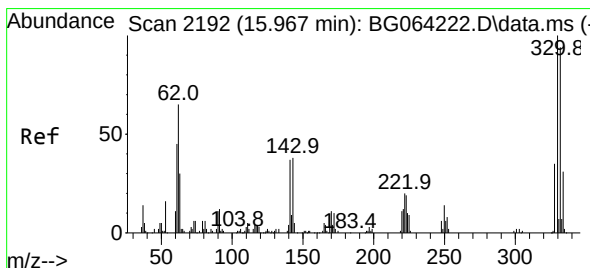
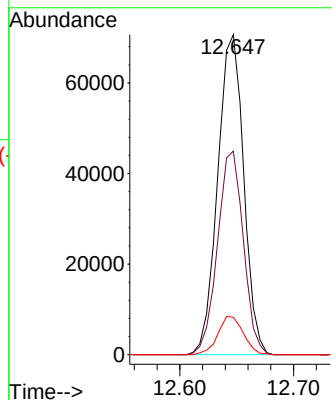
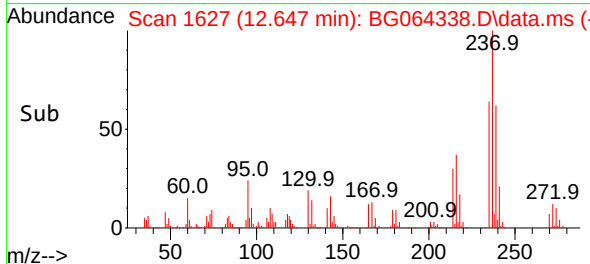
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



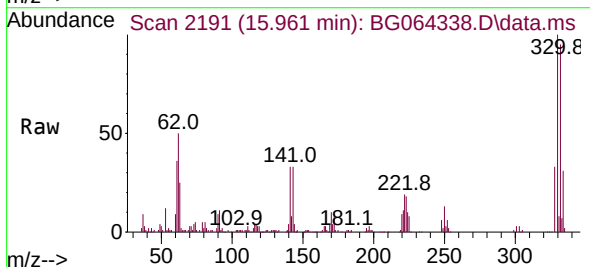
Tgt Ion: 237 Resp: 112350
Ion Ratio Lower Upper
237 100
235 63.6 37.9 77.9
272 11.7 0.0 33.8

Manual Integrations
APPROVED

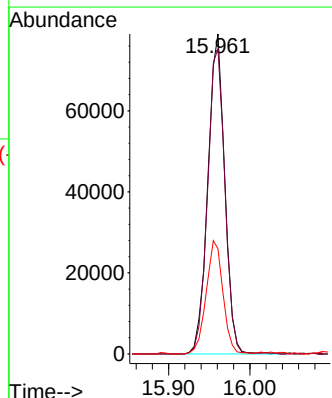
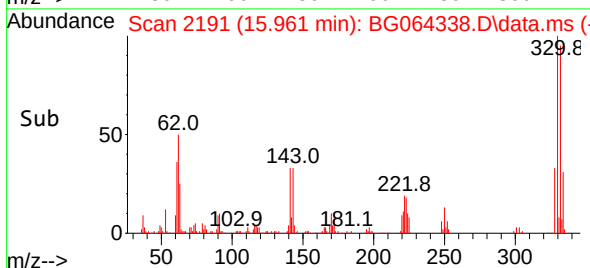
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

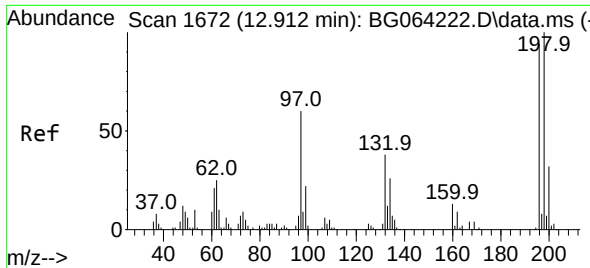


#42
2,4,6-Tribromophenol
Concen: 127.938 ng
RT: 15.961 min Scan# 2191
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48



Tgt Ion: 330 Resp: 114146
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 35.3 29.8 44.6





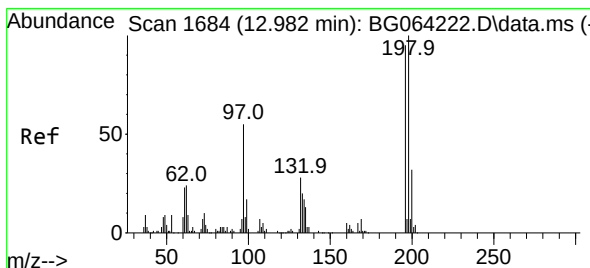
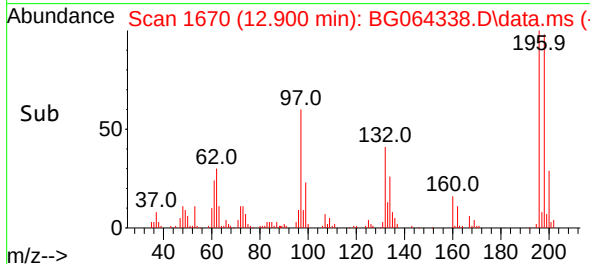
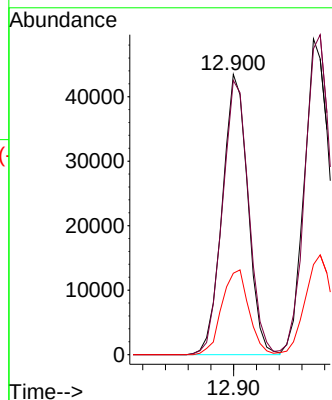
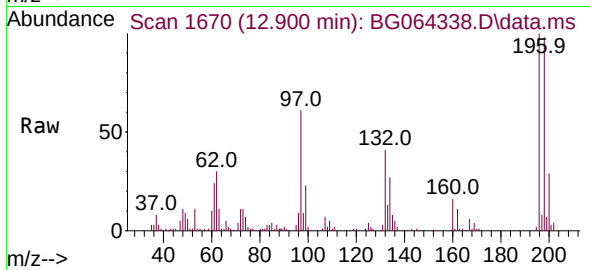
#43
2,4,6-Trichlorophenol
Concen: 52.122 ng
RT: 12.900 min Scan# 1670
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Instrument :
BNA_G
ClientSampleId :
VNJ-258MS

Tgt Ion:196 Resp: 6770
Ion Ratio Lower Upper
196 100
198 97.8 85.4 128.2
200 29.0 27.3 40.9

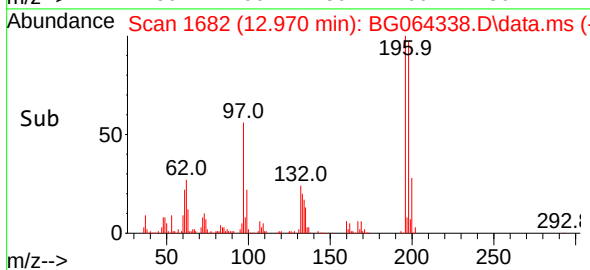
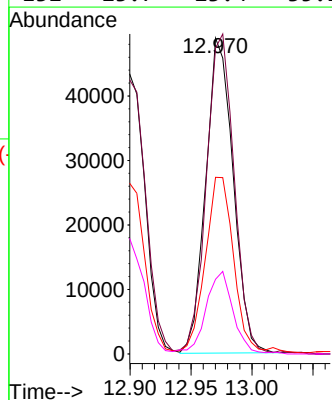
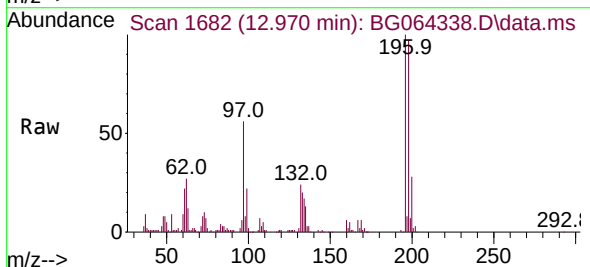
Manual Integrations
APPROVED

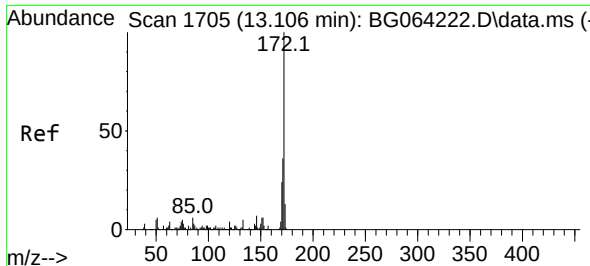
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#44
2,4,5-Trichlorophenol
Concen: 54.405 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

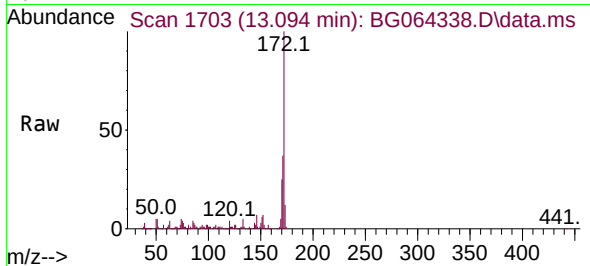
Tgt Ion:196 Resp: 76664
Ion Ratio Lower Upper
196 100
198 96.9 84.5 126.7
97 55.9 46.8 70.2
132 23.7 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 68.937 ng
RT: 13.094 min Scan# 1703
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

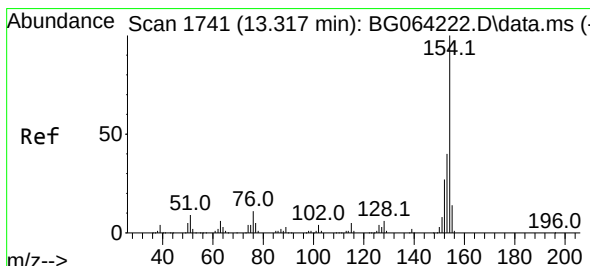
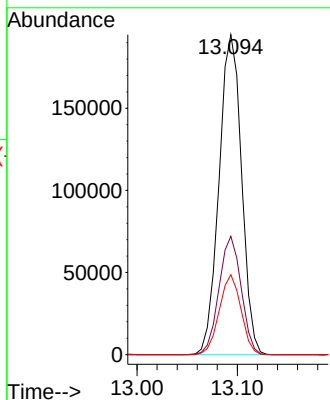
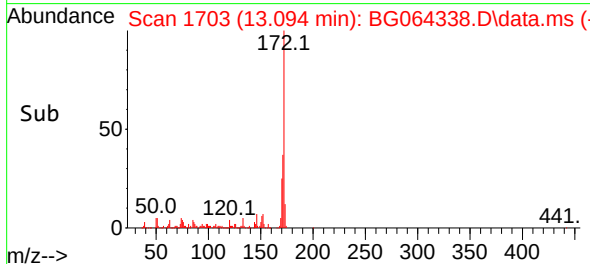
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



Tgt Ion:172 Resp: 304224
Ion Ratio Lower Upper
172 100
171 37.0 28.7 43.1
170 25.0 19.0 28.6

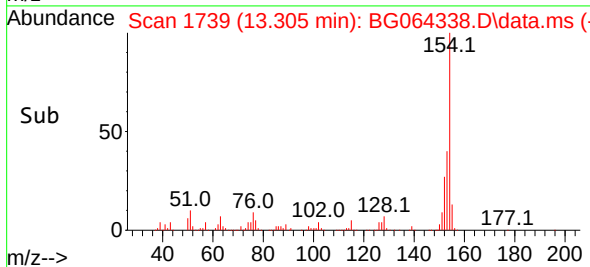
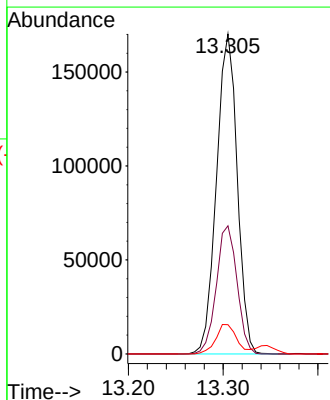
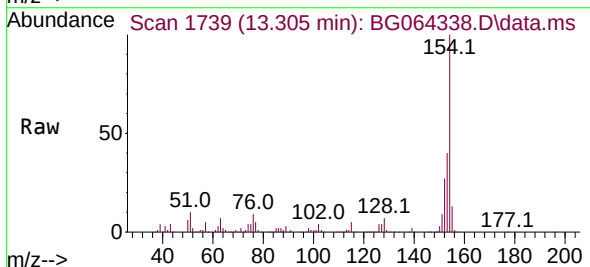
Manual Integrations
APPROVED

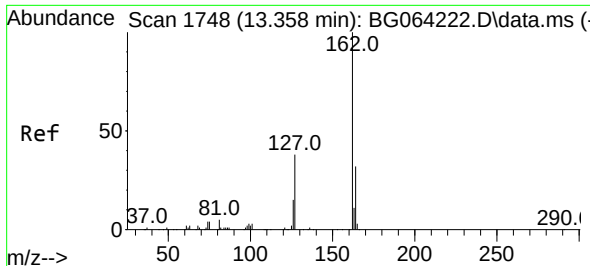
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#46
1,1'-Biphenyl
Concen: 52.605 ng
RT: 13.305 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

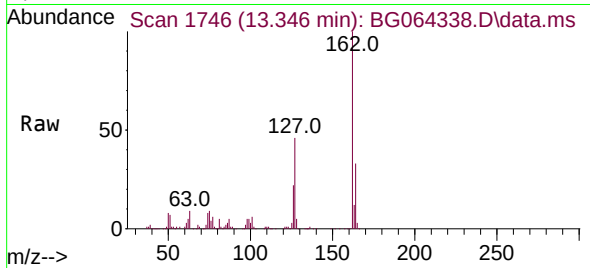
Tgt Ion:154 Resp: 258085
Ion Ratio Lower Upper
154 100
153 40.0 19.9 59.9
76 9.1 0.0 30.9





#47
2-Chloronaphthalene
Concen: 46.726 ng
RT: 13.346 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

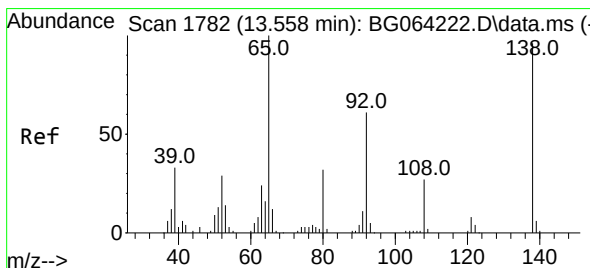
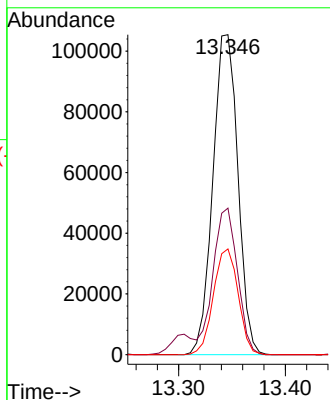
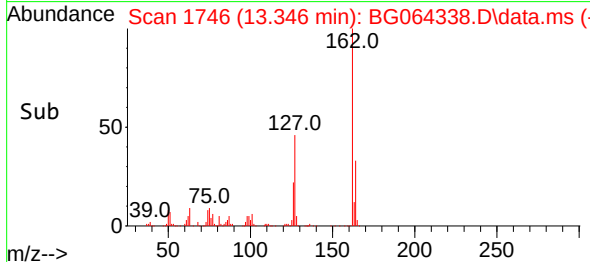
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



Tgt Ion:162 Resp: 17234
Ion Ratio Lower Upper
162 100
127 45.8 33.9 50.9
164 33.0 25.4 38.2

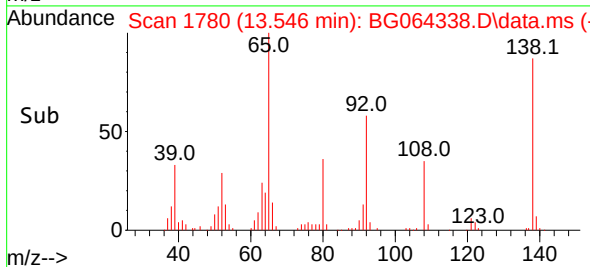
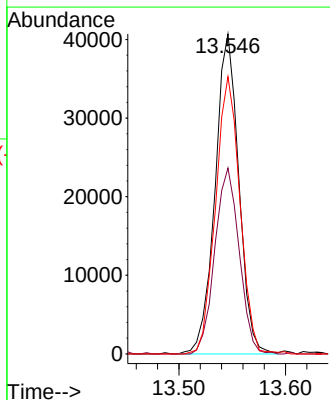
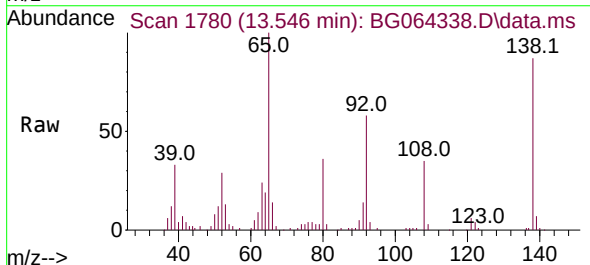
Manual Integrations
APPROVED

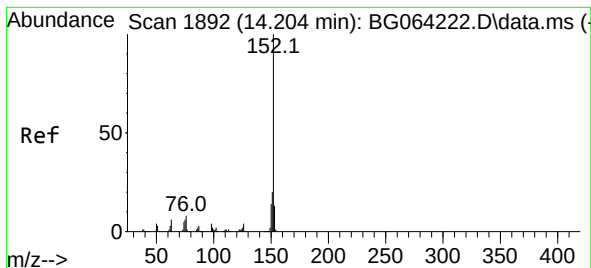
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#48
2-Nitroaniline
Concen: 50.176 ng
RT: 13.546 min Scan# 1780
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Tgt Ion: 65 Resp: 63077
Ion Ratio Lower Upper
65 100
92 58.1 49.2 73.8
138 86.6 76.8 115.2





#49

Acenaphthylene

Concen: 56.833 ng

RT: 14.192 min Scan# 1892

Delta R.T. -0.012 min

Lab File: BG064338.D

Acq: 10 Sep 2025 18:48

Instrument :

BNA_G

ClientSampleId :

VNJ-258MS

Tgt Ion:152 Resp: 309865

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.2

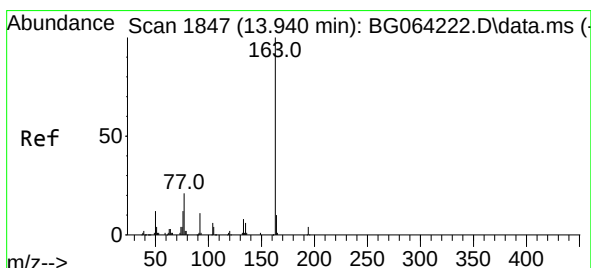
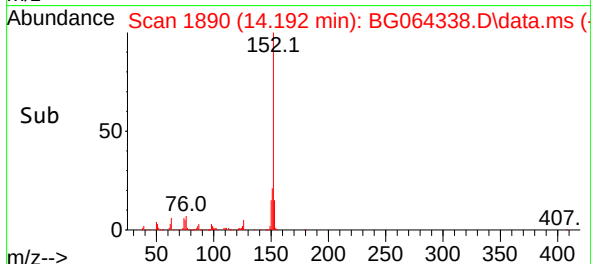
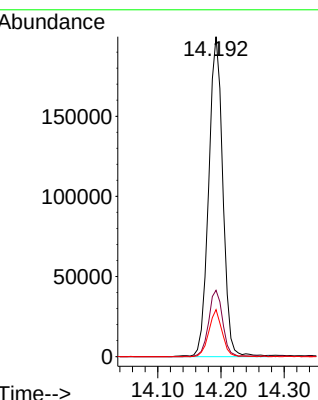
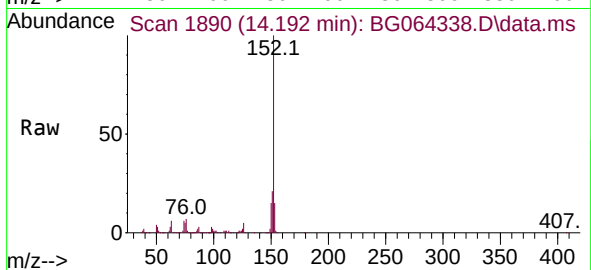
153 14.7 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#50

Dimethylphthalate

Concen: 44.450 ng

RT: 13.928 min Scan# 1845

Delta R.T. -0.018 min

Lab File: BG064338.D

Acq: 10 Sep 2025 18:48

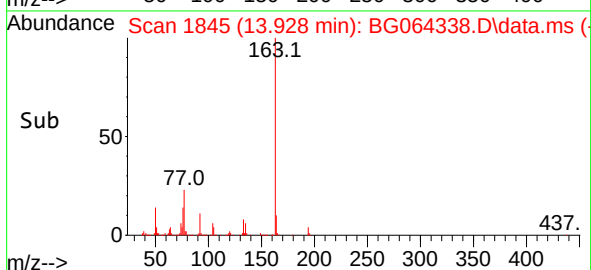
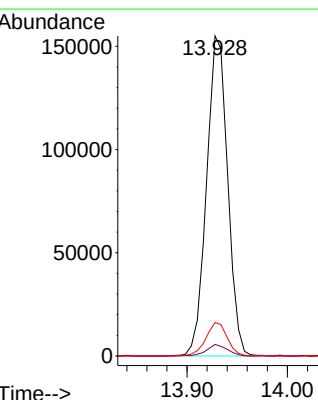
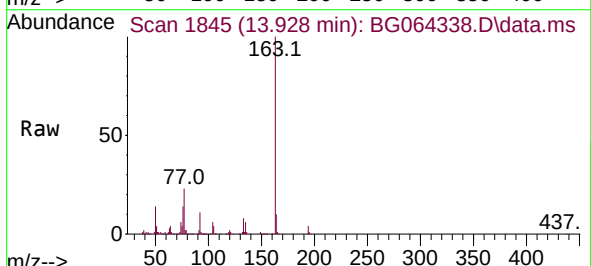
Tgt Ion:163 Resp: 226630

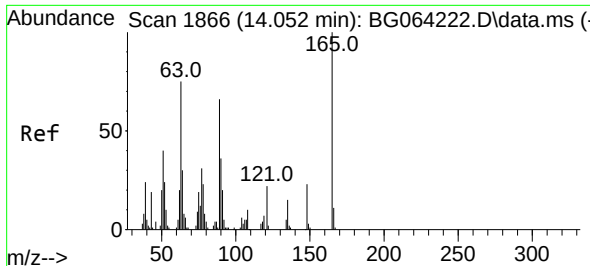
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

164 10.4 7.9 11.9





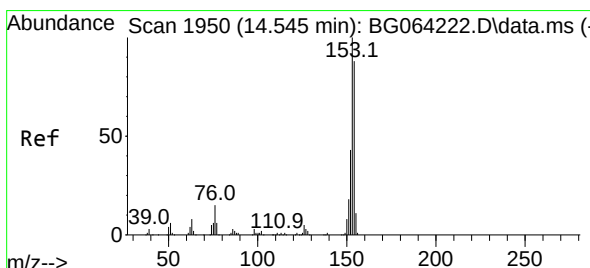
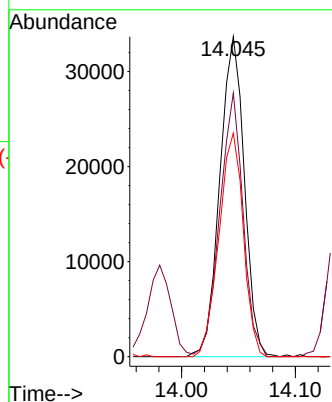
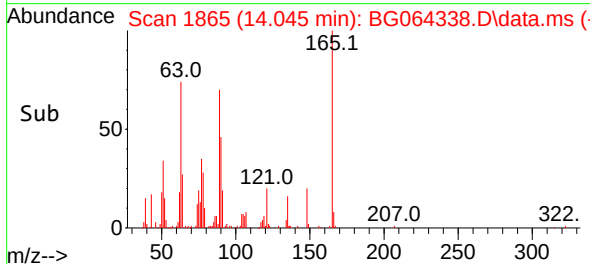
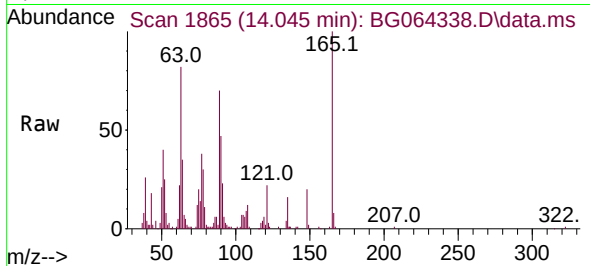
#51
2,6-Dinitrotoluene
Concen: 50.927 ng
RT: 14.045 min Scan# 1866
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Instrument :
BNA_G
ClientSampleId :
VNJ-258MS

Tgt Ion:165 Resp: 50262
Ion Ratio Lower Upper
165 100
63 82.4 60.3 90.5
89 69.9 52.9 79.3

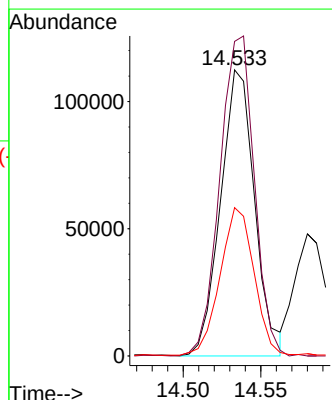
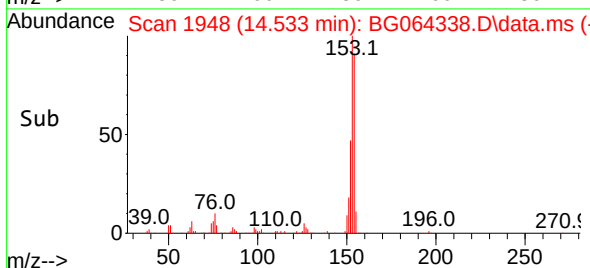
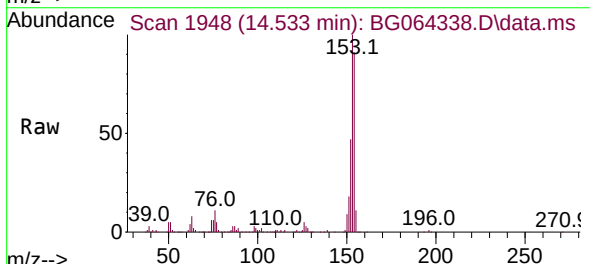
Manual Integrations
APPROVED

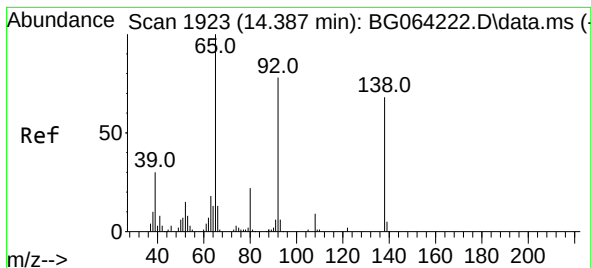
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#52
Acenaphthene
Concen: 44.827 ng
RT: 14.533 min Scan# 1948
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

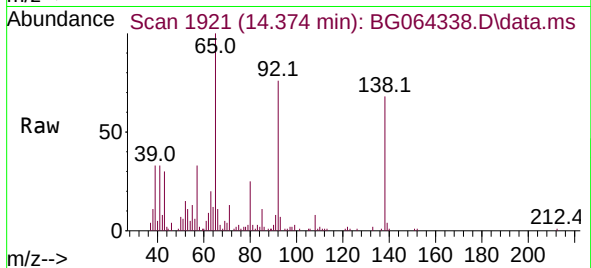
Tgt Ion:154 Resp: 172479
Ion Ratio Lower Upper
154 100
153 109.9 91.1 136.7
152 51.8 39.6 59.4





#53
3-Nitroaniline
Concen: 29.764 ng
RT: 14.374 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

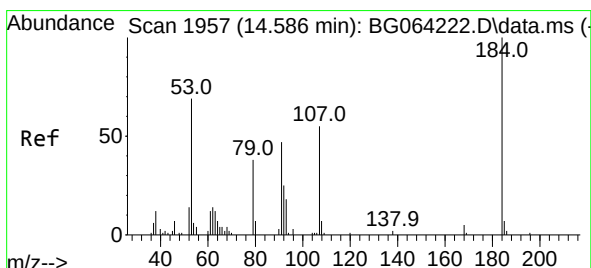
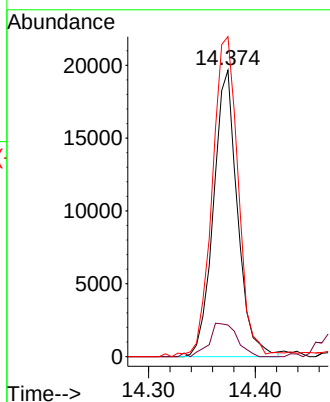
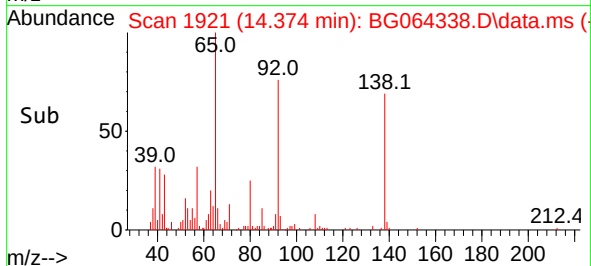
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



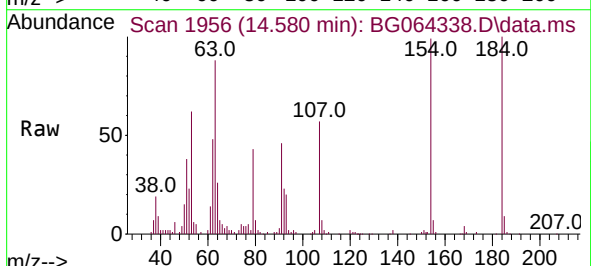
Tgt Ion:138 Resp: 30773
Ion Ratio Lower Upper
138 100
108 11.1 11.0 16.6
92 111.8 91.4 137.0

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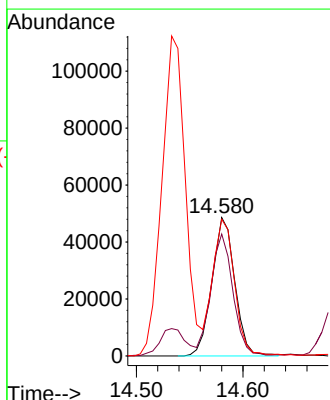
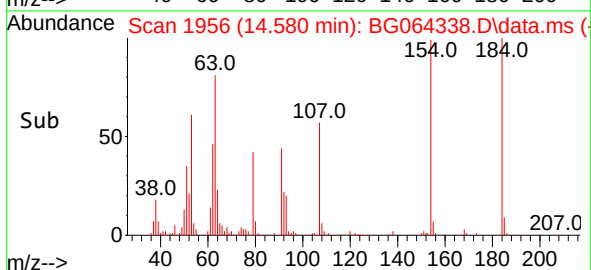
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

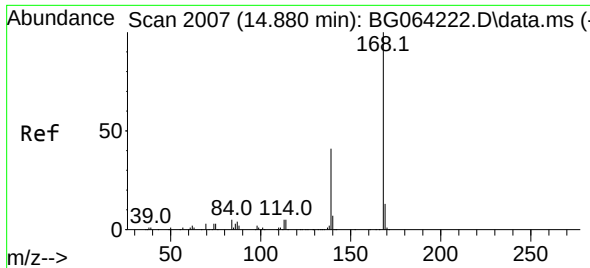


#54
2,4-Dinitrophenol
Concen: 110.155 ng
RT: 14.580 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48



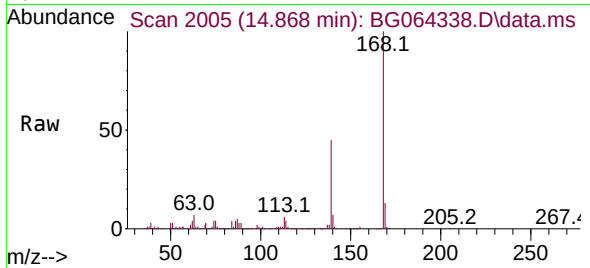
Tgt Ion:184 Resp: 72515
Ion Ratio Lower Upper
184 100
63 88.1 60.1 90.1
154 98.7 59.8 89.8#





#55
Dibenzofuran
Concen: 48.377 ng
RT: 14.868 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

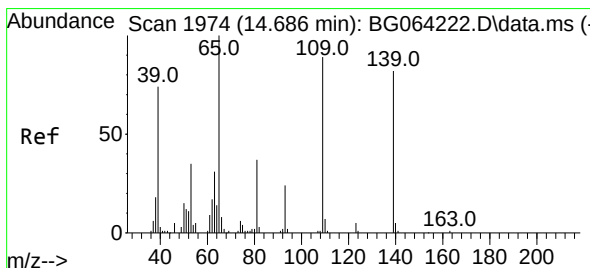
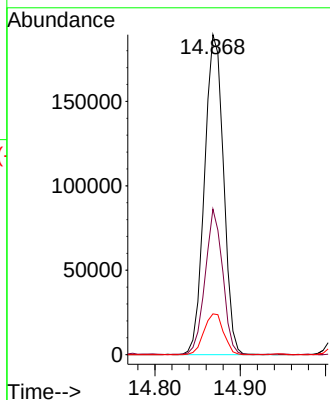
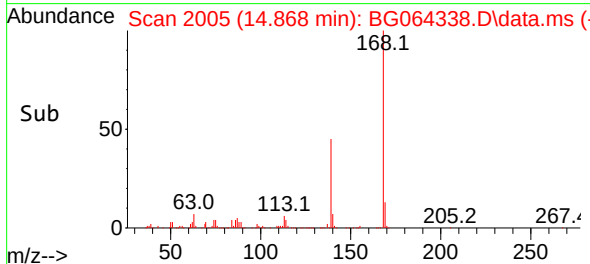
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



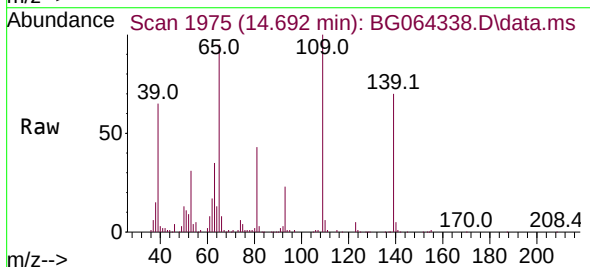
Tgt Ion:168 Resp: 292784
Ion Ratio Lower Upper
168 100
139 45.5 33.2 49.8
169 12.7 10.4 15.6

Manual Integrations
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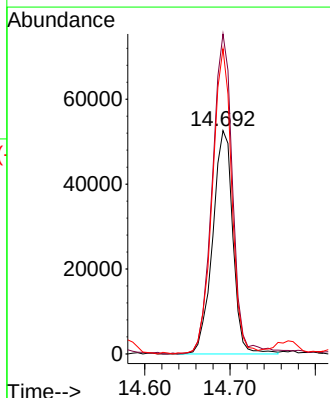
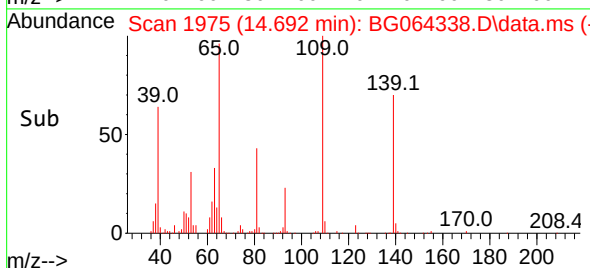
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

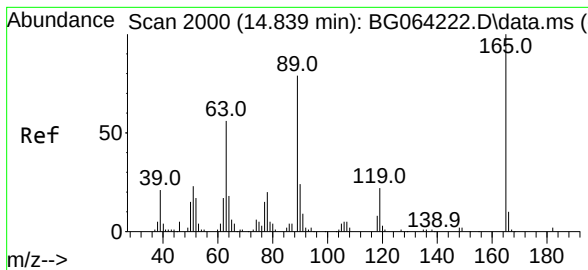


#56
4-Nitrophenol
Concen: 101.805 ng
RT: 14.692 min Scan# 1975
Delta R.T. -0.007 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48



Tgt Ion:139 Resp: 86343
Ion Ratio Lower Upper
139 100
109 143.4 89.1 129.1#
65 136.7 102.9 142.9





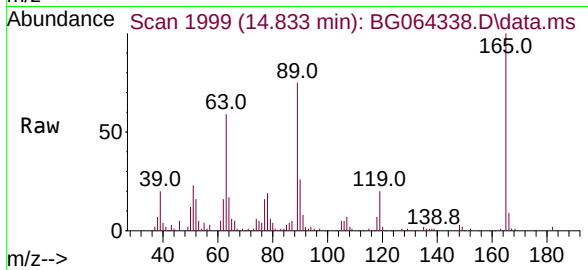
#57
2,4-Dinitrotoluene
Concen: 53.327 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Instrument :

BNA_G

ClientSampleId :

VNJ-258MS

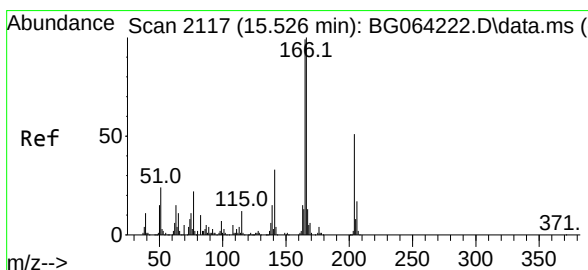
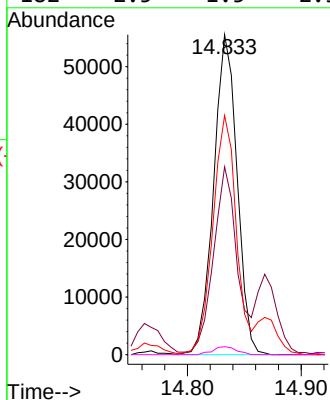
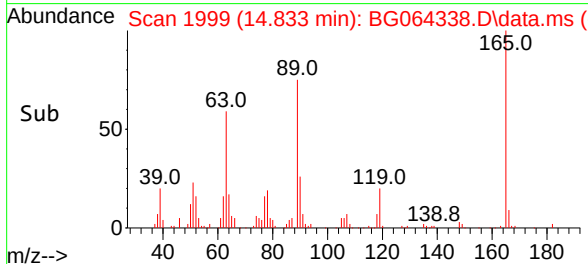


Tgt Ion:165 Resp: 79586
Ion Ratio Lower Upper
165 100
63 58.7 44.6 67.0
89 74.7 63.0 94.4
182 2.5 1.5 2.3#

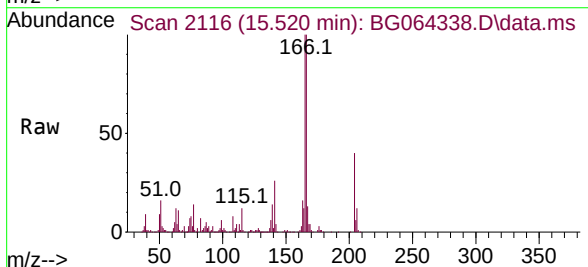
Manual Integrations

APPROVED

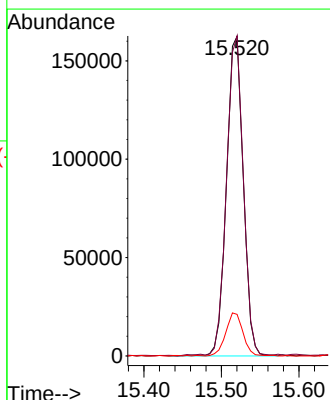
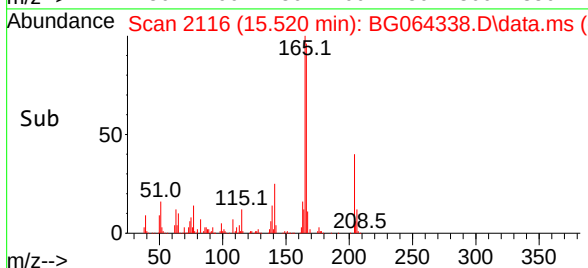
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

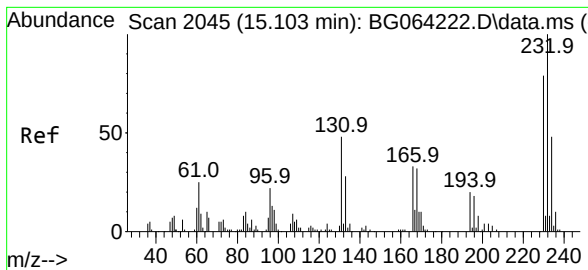


#58
Fluorene
Concen: 49.376 ng
RT: 15.520 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48



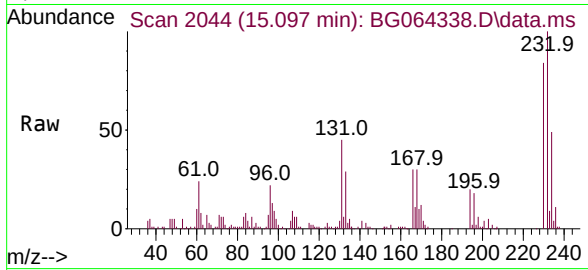
Tgt Ion:166 Resp: 244927
Ion Ratio Lower Upper
166 100
165 100.1 79.1 118.7
167 13.0 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.857 ng
RT: 15.097 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

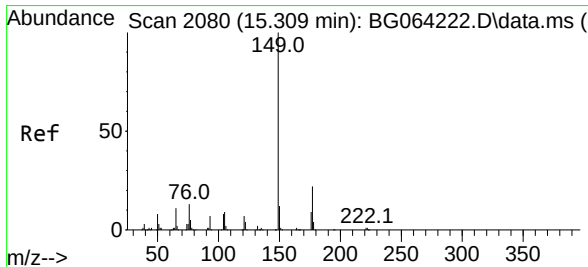
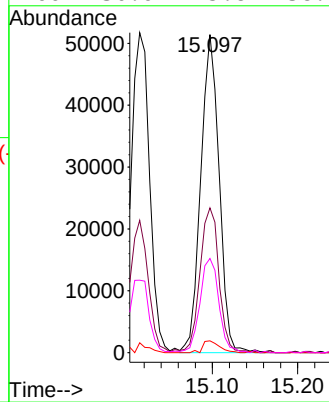
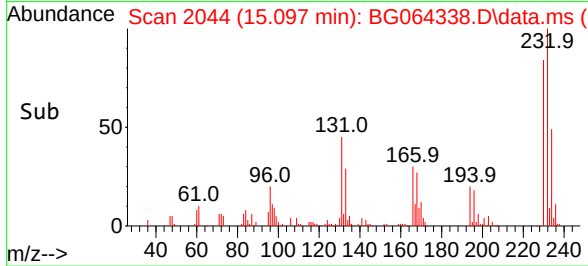
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



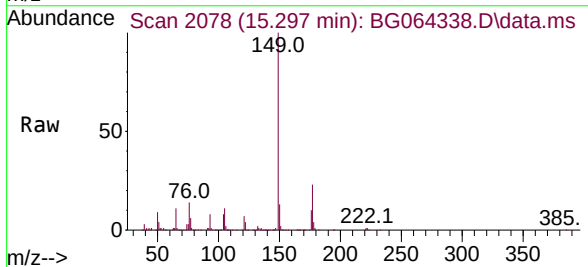
Tgt Ion:232 Resp: 77060
Ion Ratio Lower Upper
232 100
131 46.9 37.1 55.7
130 3.4 2.6 3.8
166 30.6 25.8 38.6

Manual Integrations
APPROVED

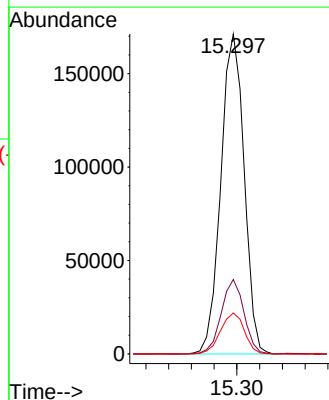
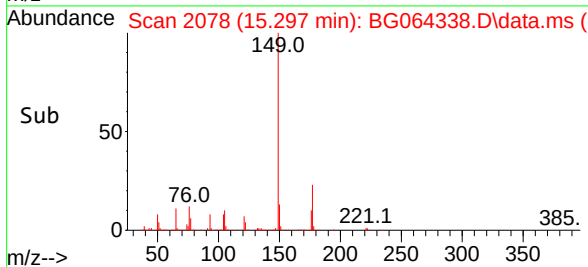
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

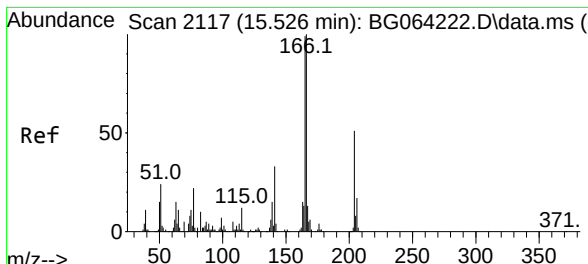


#60
Diethylphthalate
Concen: 44.493 ng
RT: 15.297 min Scan# 2078
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48



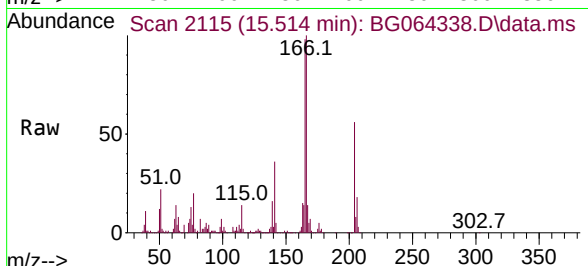
Tgt Ion:149 Resp: 242776
Ion Ratio Lower Upper
149 100
177 23.2 17.5 26.3
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 48.951 ng
RT: 15.514 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

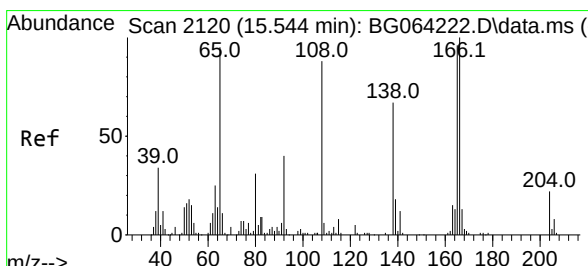
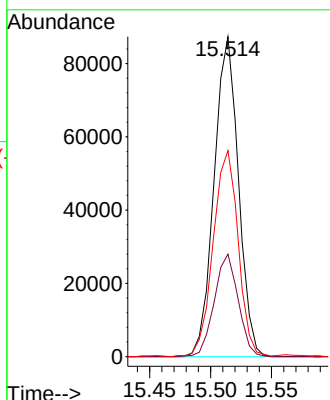
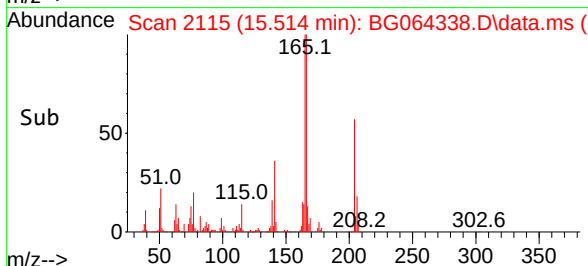
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



Tgt Ion:204 Resp: 121066
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.4
141 64.4 51.9 77.9

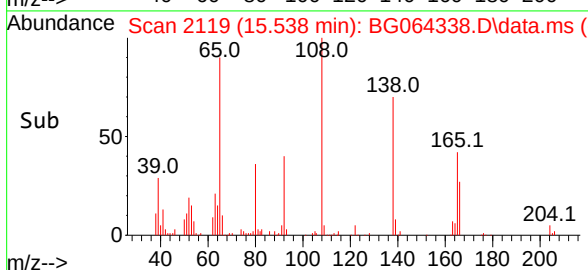
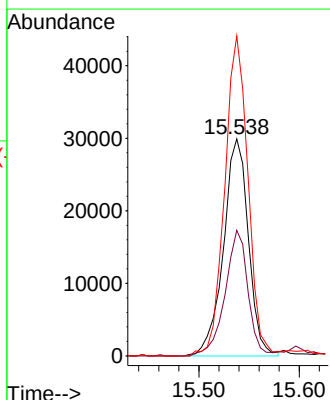
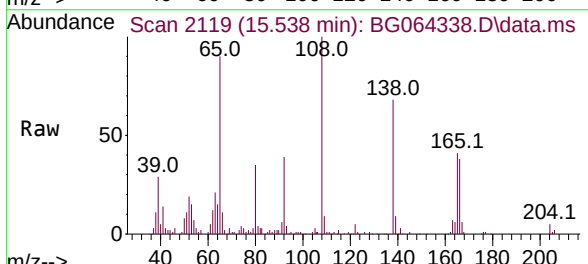
Manual Integrations
APPROVED

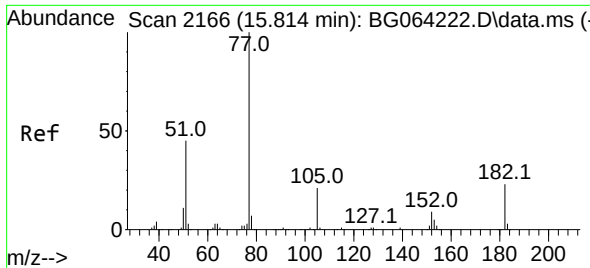
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#62
4-Nitroaniline
Concen: 48.950 ng
RT: 15.538 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Tgt Ion:138 Resp: 51643
Ion Ratio Lower Upper
138 100
92 57.8 39.1 79.1
108 147.4 111.3 151.3





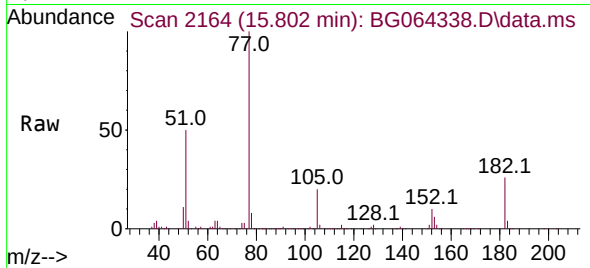
#63
Azobenzene
Concen: 47.873 ng
RT: 15.802 min Scan# 2166
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Instrument :

BNA_G

ClientSampleId :

VNJ-258MS



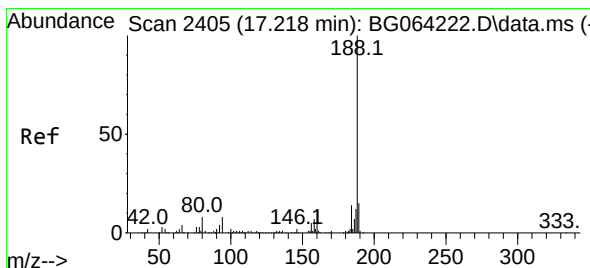
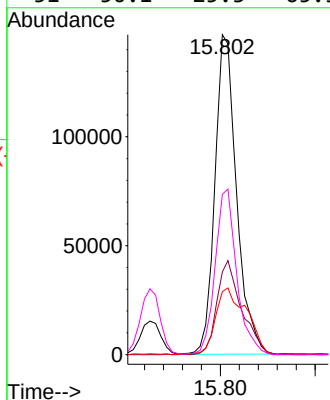
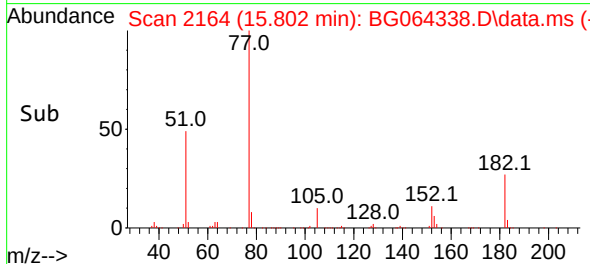
Tgt Ion: 77 Resp: 232819
Ion Ratio Lower Upper
77 100
182 25.8 3.3 43.3
105 19.7 0.6 40.6
51 50.1 25.3 65.3

Manual Integrations

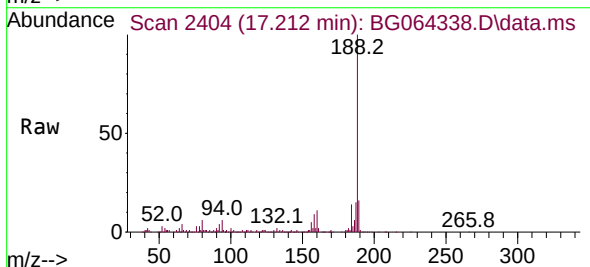
APPROVED

Reviewed By :Rahul Chavli 09/11/2025

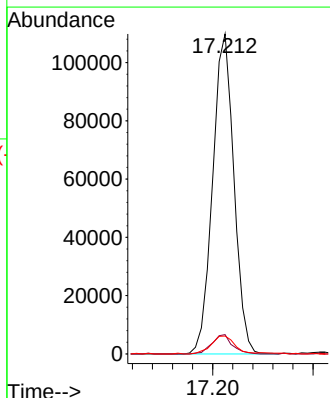
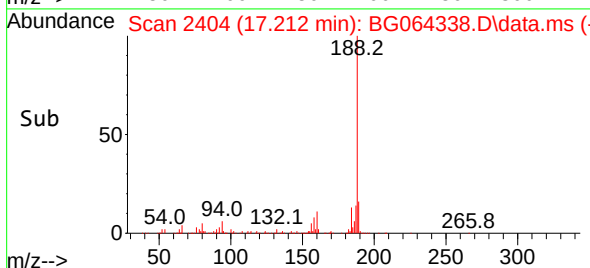
Supervised By :Jagrut Upadhyay 09/11/2025

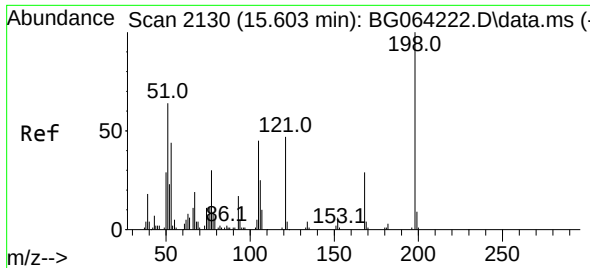


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.212 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48



Tgt Ion:188 Resp: 162022
Ion Ratio Lower Upper
188 100
94 6.0 6.2 9.4#
80 5.6 6.8 10.2#





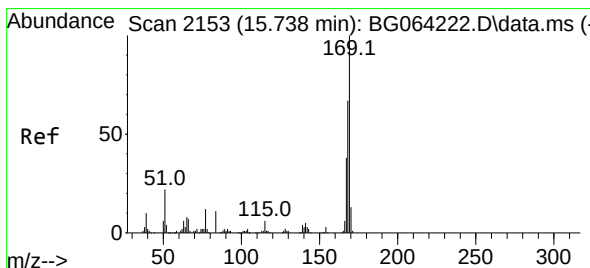
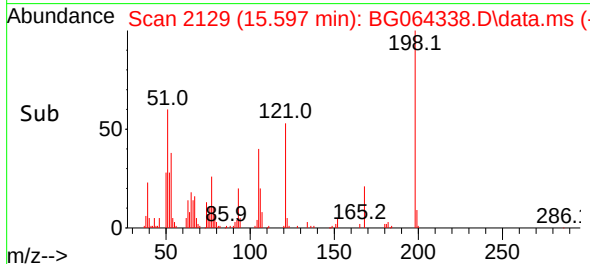
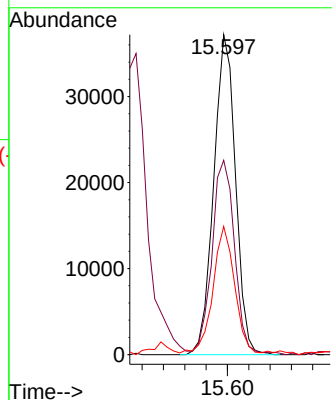
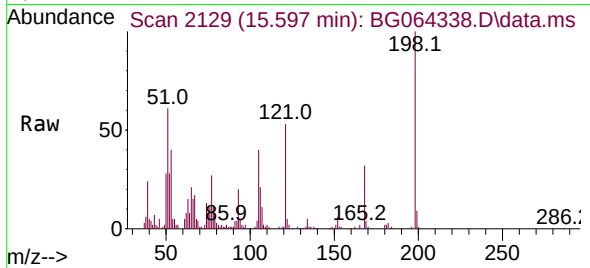
#65
4,6-Dinitro-2-methylphenol
Concen: 56.789 ng
RT: 15.597 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Instrument :
BNA_G
ClientSampleId :
VNJ-258MS

Tgt Ion:198 Resp: 52826
Ion Ratio Lower Upper
198 100
51 60.7 46.2 86.2
105 40.0 25.0 65.0

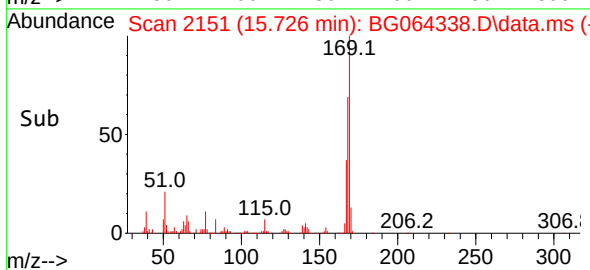
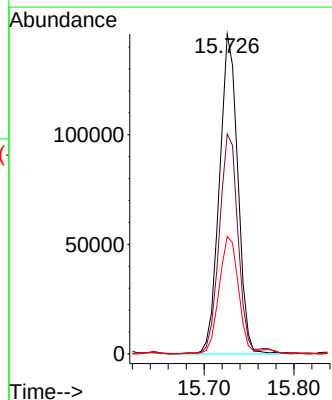
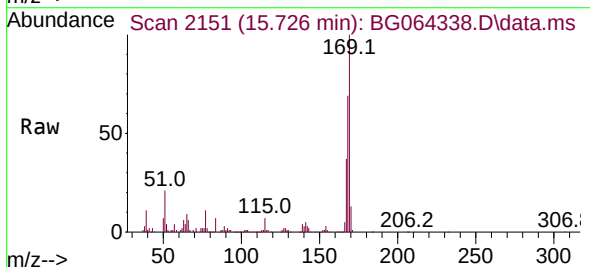
Manual Integrations
APPROVED

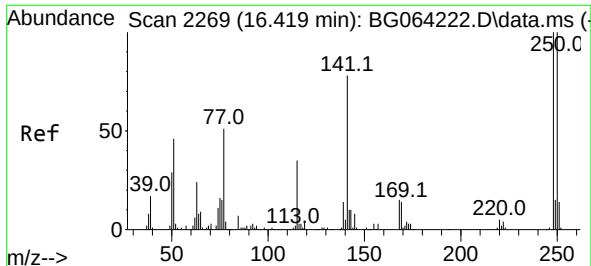
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#66
n-Nitrosodiphenylamine
Concen: 46.876 ng
RT: 15.726 min Scan# 2151
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

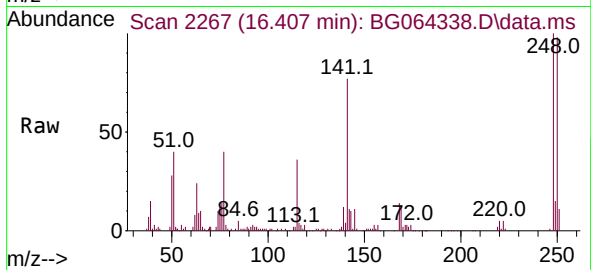
Tgt Ion:169 Resp: 208929
Ion Ratio Lower Upper
169 100
168 68.7 53.8 80.8
167 36.7 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 49.479 ng
RT: 16.407 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

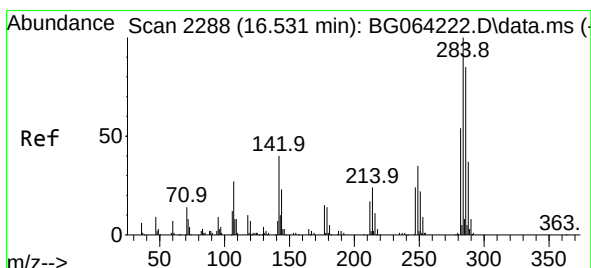
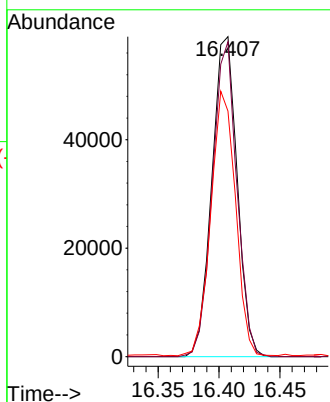
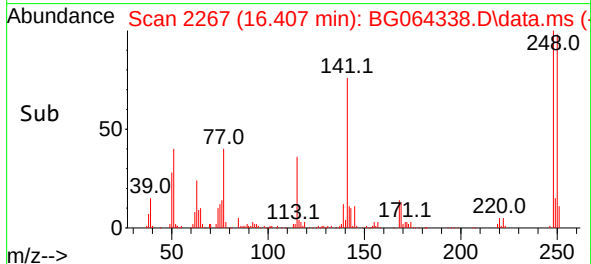
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



Tgt Ion:248 Resp: 85148
Ion Ratio Lower Upper
248 100
250 98.4 80.2 120.4
141 76.7 62.4 93.6

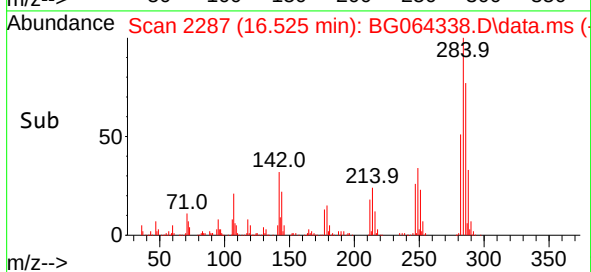
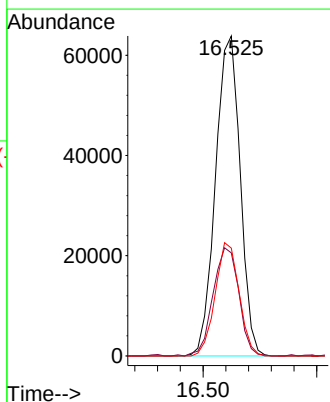
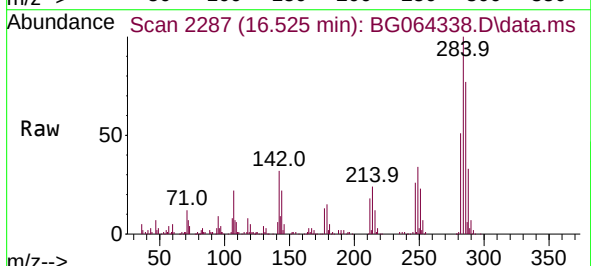
Manual Integrations
APPROVED

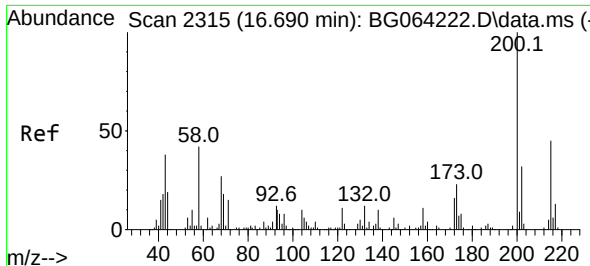
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#68
Hexachlorobenzene
Concen: 50.200 ng
RT: 16.525 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

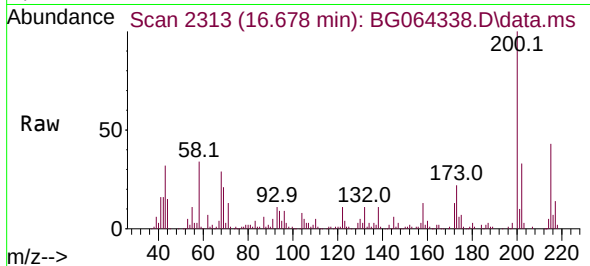
Tgt Ion:284 Resp: 95933
Ion Ratio Lower Upper
284 100
142 32.2 32.1 48.1
249 33.7 28.3 42.5





#69
 Atrazine
 Concen: 50.203 ng
 RT: 16.678 min Scan# 2313
 Delta R.T. -0.018 min
 Lab File: BG064338.D
 Acq: 10 Sep 2025 18:48

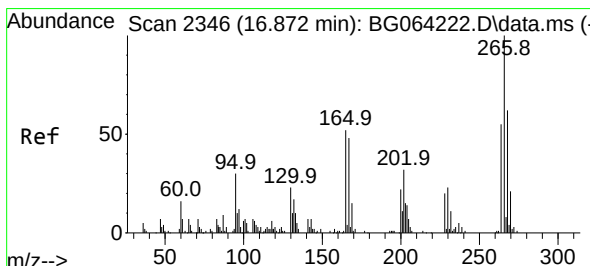
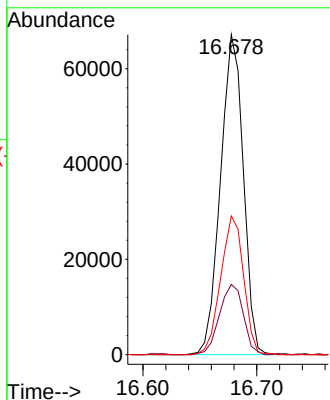
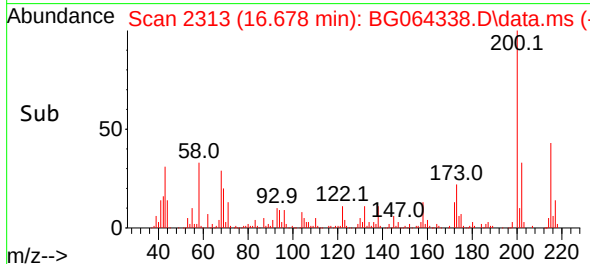
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-258MS



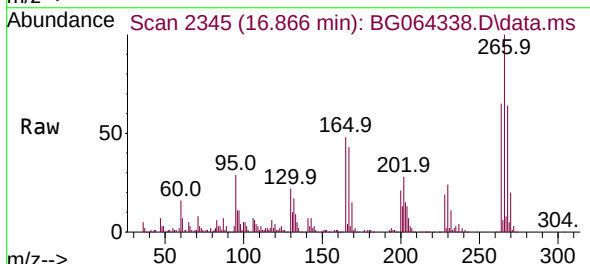
Tgt Ion:200 Resp: 93436
 Ion Ratio Lower Upper
 200 100
 173 21.9 3.5 43.5
 215 43.3 24.8 64.8

Manual Integrations
 APPROVED

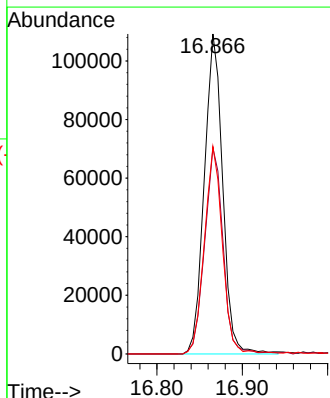
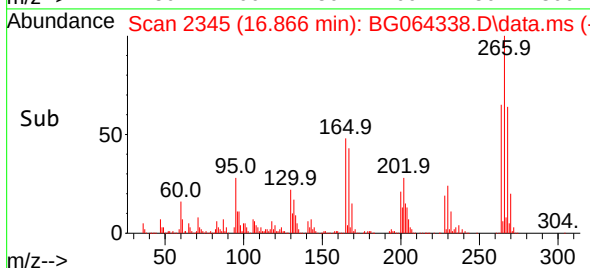
Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025

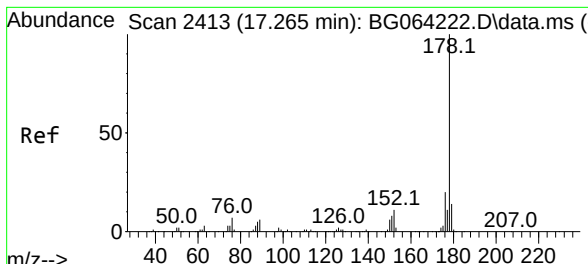


#70
 Pentachlorophenol
 Concen: 140.838 ng
 RT: 16.866 min Scan# 2345
 Delta R.T. -0.012 min
 Lab File: BG064338.D
 Acq: 10 Sep 2025 18:48



Tgt Ion:266 Resp: 163192
 Ion Ratio Lower Upper
 266 100
 268 64.4 49.4 74.0
 264 64.8 44.3 66.5





#71
 Phenanthrene
 Concen: 50.554 ng
 RT: 17.253 min Scan# 2411
 Delta R.T. -0.012 min
 Lab File: BG064338.D
 Acq: 10 Sep 2025 18:48

Instrument :

BNA_G

ClientSampleId :

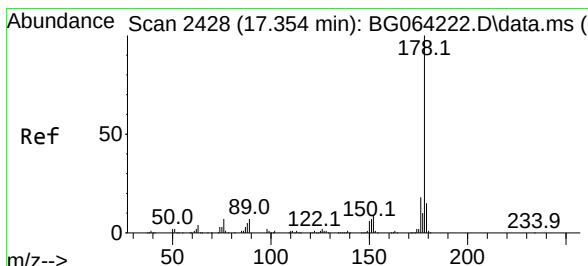
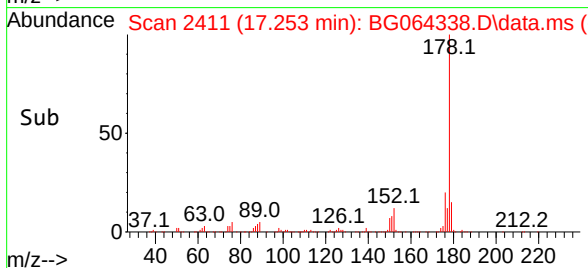
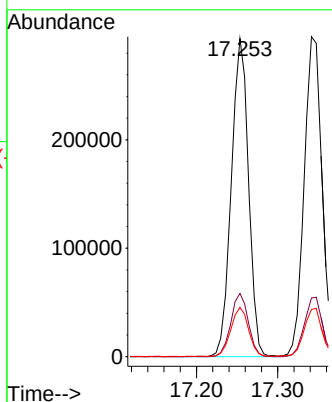
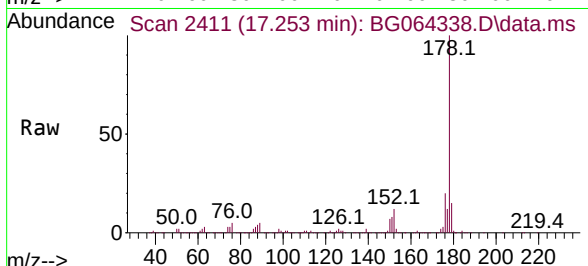
VNJ-258MS

Tgt Ion:178 Resp: 432014
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 15.5 11.4 17.2

Manual Integrations

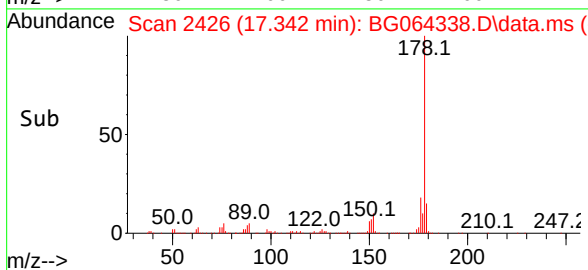
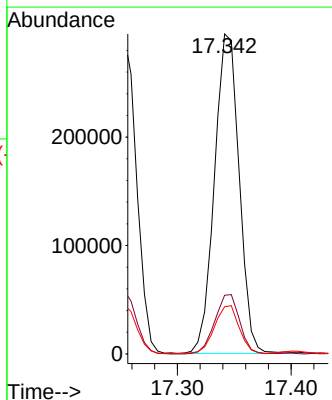
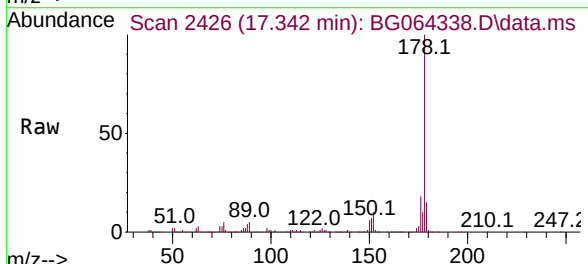
APPROVED

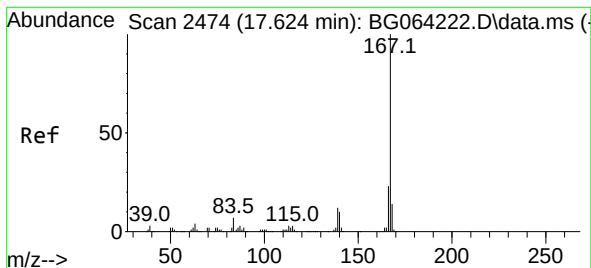
Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025



#72
 Anthracene
 Concen: 51.197 ng
 RT: 17.342 min Scan# 2426
 Delta R.T. -0.018 min
 Lab File: BG064338.D
 Acq: 10 Sep 2025 18:48

Tgt Ion:178 Resp: 445045
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.7 22.1
 179 14.7 12.1 18.1





#73

Carbazole

Concen: 48.962 ng

RT: 17.612 min Scan# 24

Delta R.T. -0.012 min

Lab File: BG064338.D

Acq: 10 Sep 2025 18:48

Instrument :

BNA_G

ClientSampleId :

VNJ-258MS

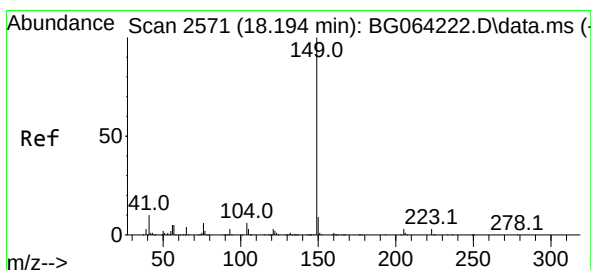
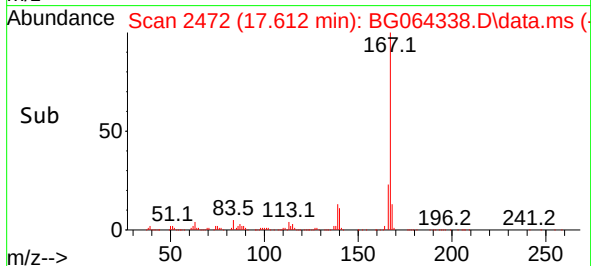
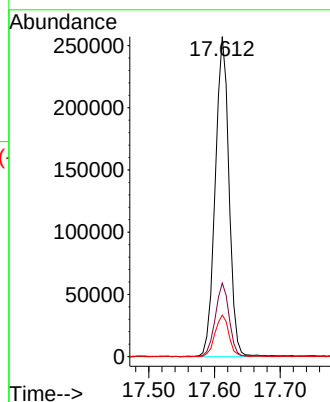
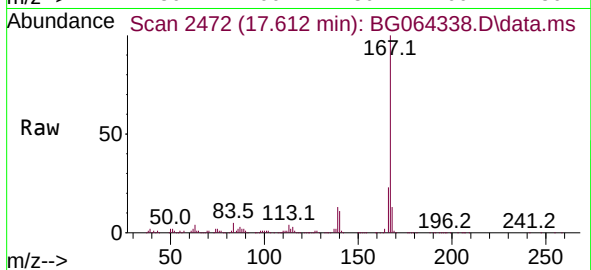
Tgt Ion:167	Resp: 374935
Ion Ratio	Lower Upper
167 100	
166 23.0	18.2 27.2
139 13.0	9.8 14.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#74

Di-n-butylphthalate

Concen: 46.501 ng

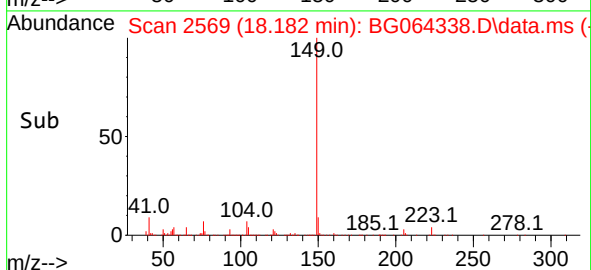
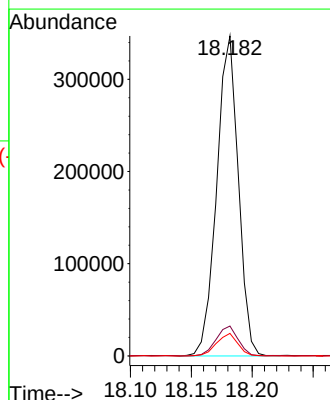
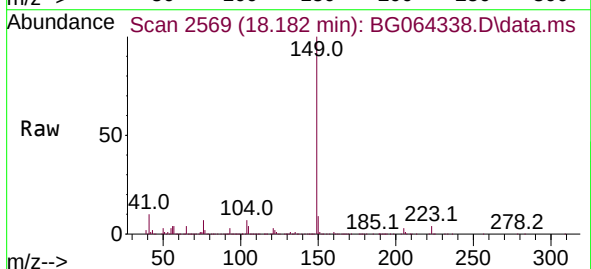
RT: 18.182 min Scan# 2569

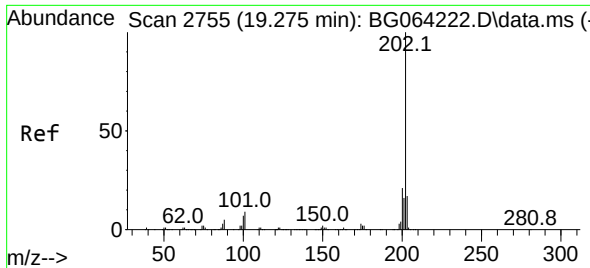
Delta R.T. -0.012 min

Lab File: BG064338.D

Acq: 10 Sep 2025 18:48

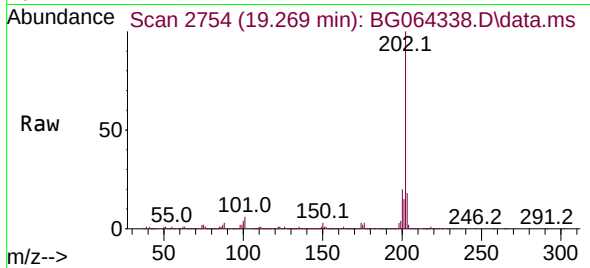
Tgt Ion:149	Resp: 427819
Ion Ratio	Lower Upper
149 100	
150 9.3	7.5 11.3
104 7.0	4.6 7.0#





#75
Fluoranthene
Concen: 75.595 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

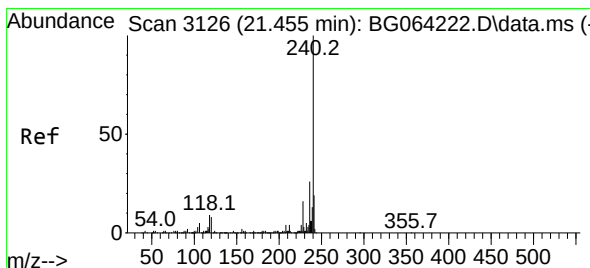
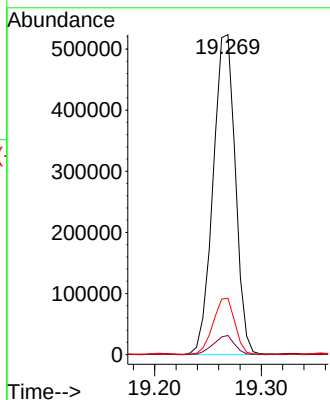
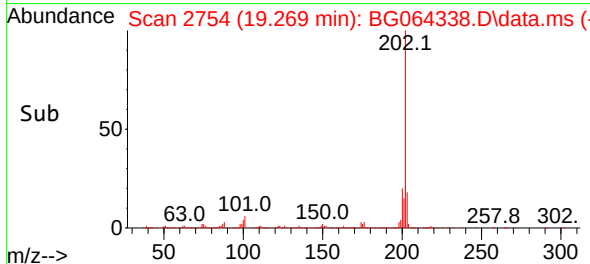
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



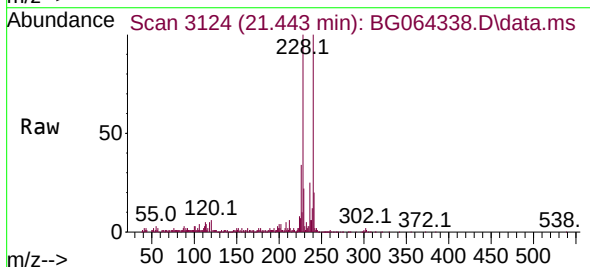
Tgt Ion:202 Resp: 759574
Ion Ratio Lower Upper
202 100
101 6.0 0.0 28.7
203 17.6 0.0 36.9

Manual Integrations
APPROVED

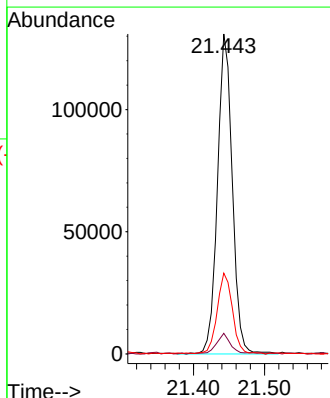
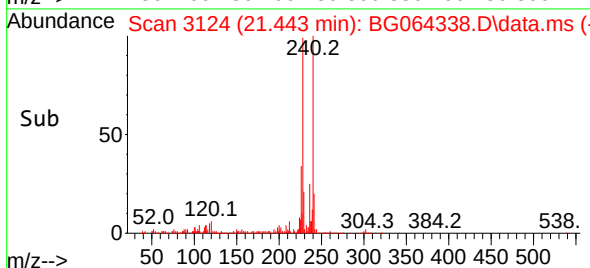
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

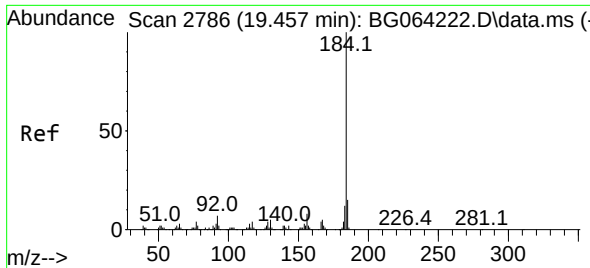


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48



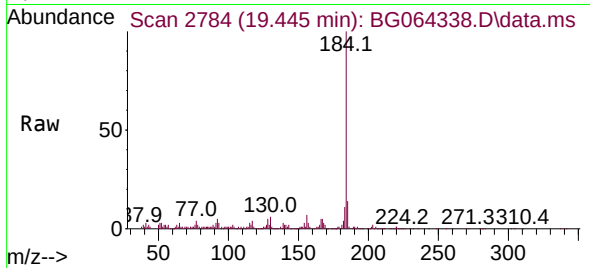
Tgt Ion:240 Resp: 190145
Ion Ratio Lower Upper
240 100
120 6.4 6.2 9.4
236 25.2 20.5 30.7





#77
Benzidine
Concen: 32.510 ng
RT: 19.445 min Scan# 2786
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

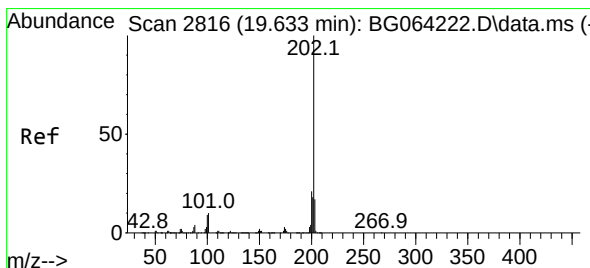
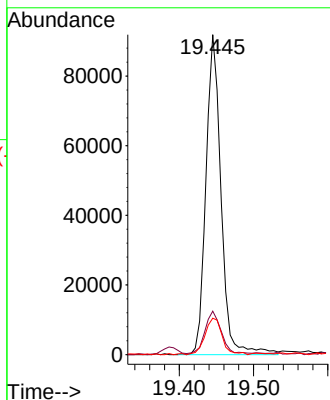
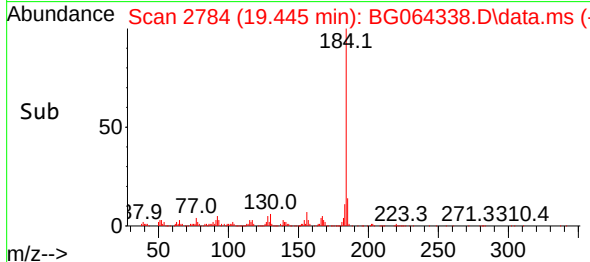
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



Tgt Ion:184 Resp: 130039
Ion Ratio Lower Upper
184 100
185 13.6 11.7 17.5
183 11.4 9.7 14.5

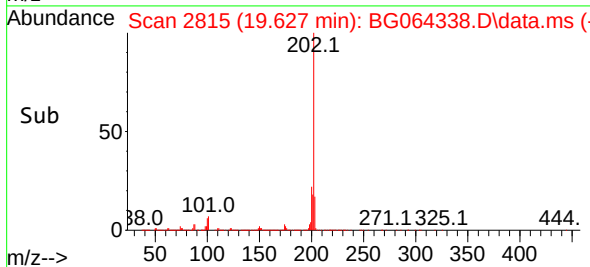
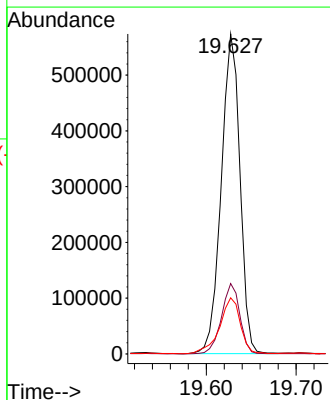
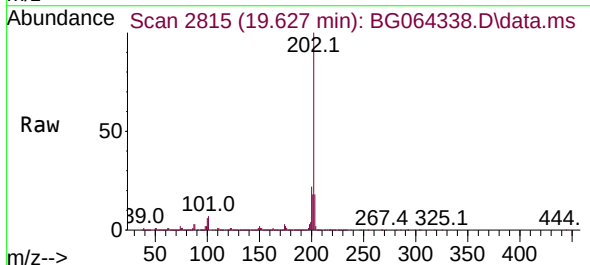
Manual Integrations
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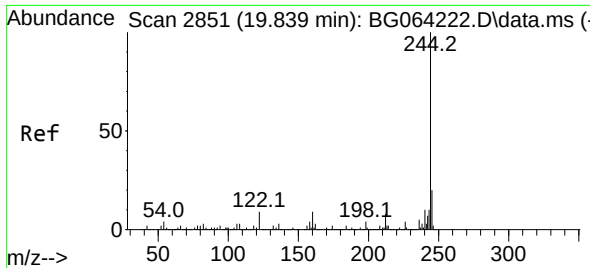
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#78
Pyrene
Concen: 69.459 ng
RT: 19.627 min Scan# 2815
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

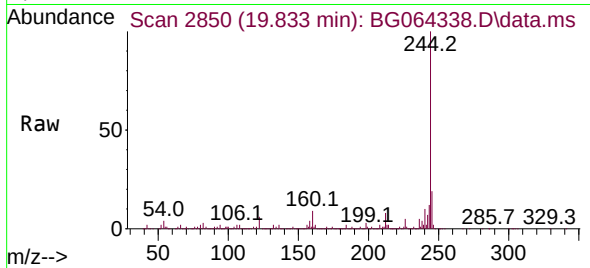
Tgt Ion:202 Resp: 832075
Ion Ratio Lower Upper
202 100
200 22.0 16.9 25.3
203 17.6 13.8 20.8





#79
 Terphenyl-d14
 Concen: 67.521 ng
 RT: 19.833 min Scan# 2851
 Delta R.T. -0.012 min
 Lab File: BG064338.D
 Acq: 10 Sep 2025 18:48

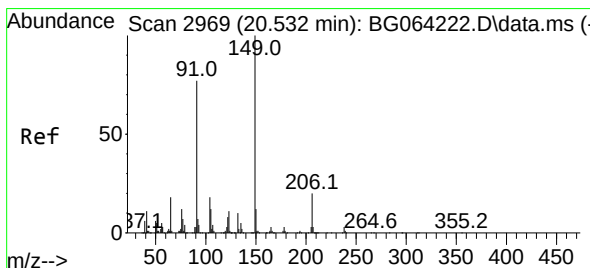
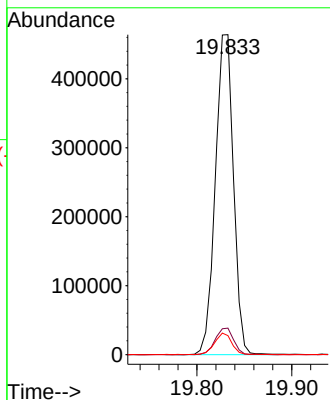
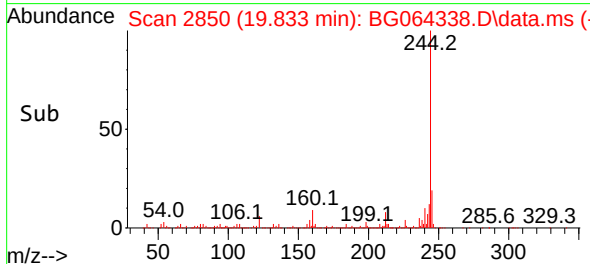
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-258MS



Tgt Ion:244 Resp: 61536
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 10.0
 122 5.9 7.0 10.6

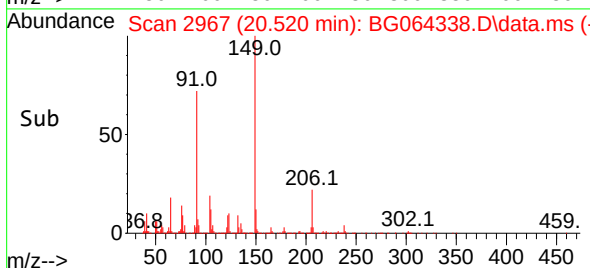
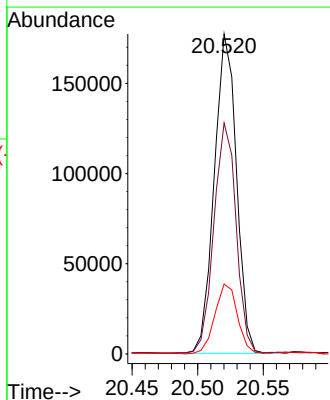
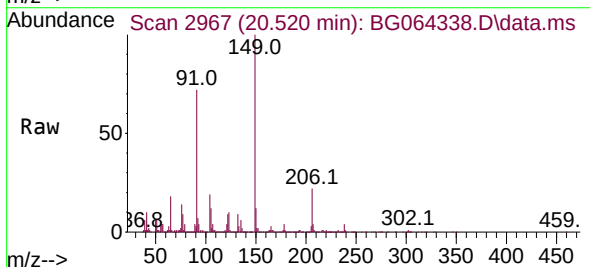
Manual Integrations
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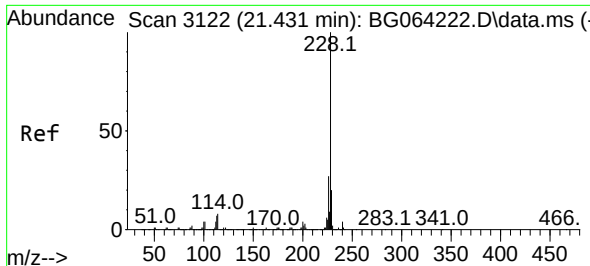
Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025



#80
 Butylbenzylphthalate
 Concen: 46.248 ng
 RT: 20.520 min Scan# 2967
 Delta R.T. -0.012 min
 Lab File: BG064338.D
 Acq: 10 Sep 2025 18:48

Tgt Ion:149 Resp: 208963
 Ion Ratio Lower Upper
 149 100
 91 72.2 61.4 92.0
 206 21.8 15.8 23.6





#81
Benzo(a)anthracene
Concen: 67.038 ng
RT: 21.425 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Instrument :

BNA_G

ClientSampleId :

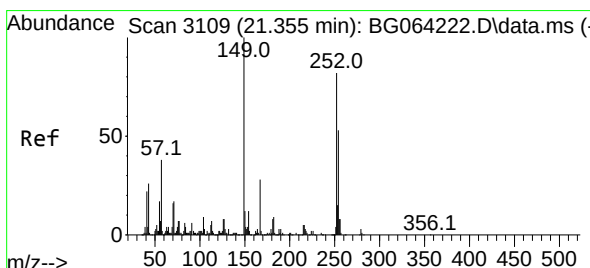
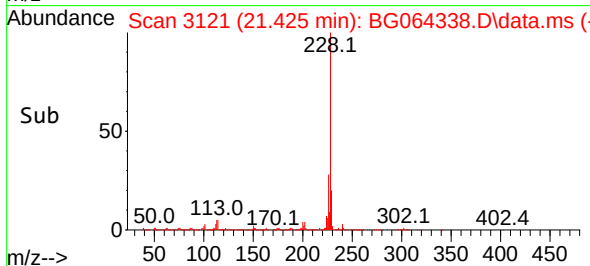
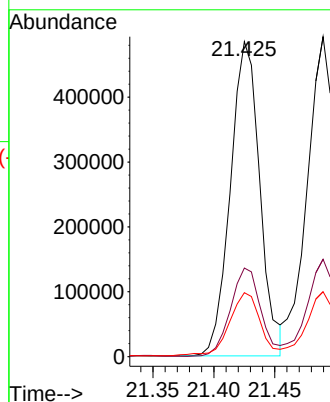
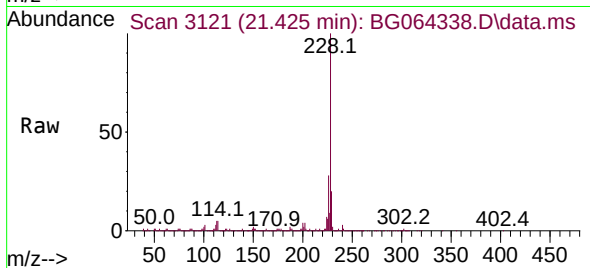
VNJ-258MS

Tgt Ion:228 Resp: 815498
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 20.3 15.9 23.9

Manual Integrations

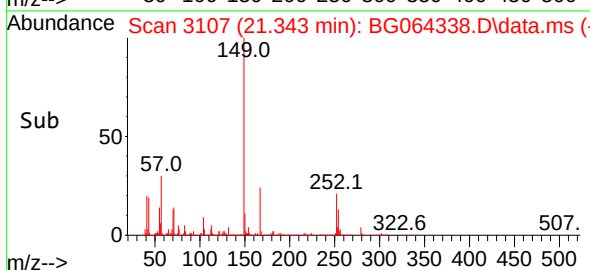
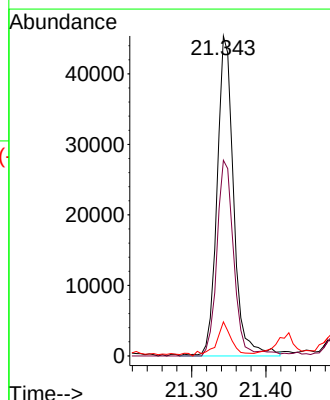
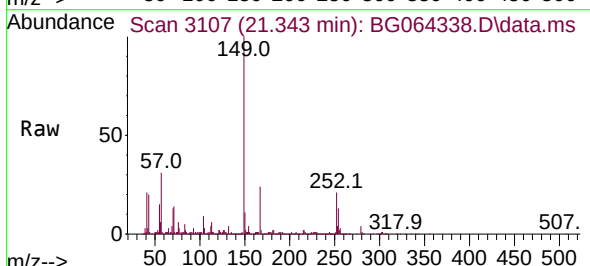
APPROVED

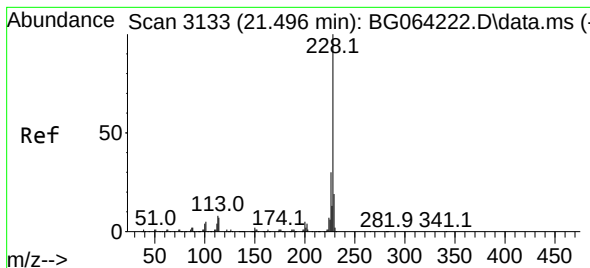
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#82
3,3'-Dichlorobenzidine
Concen: 17.793 ng
RT: 21.343 min Scan# 3107
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

Tgt Ion:252 Resp: 70491
Ion Ratio Lower Upper
252 100
254 61.1 51.9 77.9
126 10.6 7.6 11.4





#83

Chrysene

Concen: 66.423 ng

RT: 21.490 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG064338.D

Acq: 10 Sep 2025 18:48

Instrument :

BNA_G

ClientSampleId :

VNJ-258MS

Tgt Ion:228 Resp: 775722

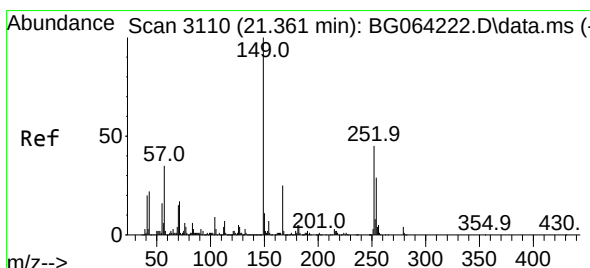
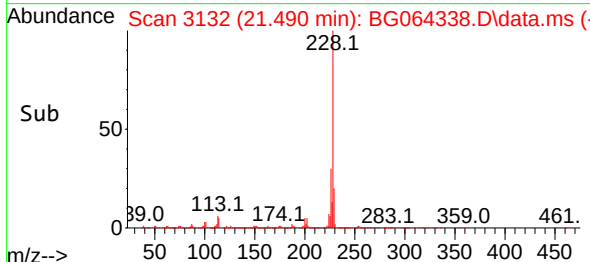
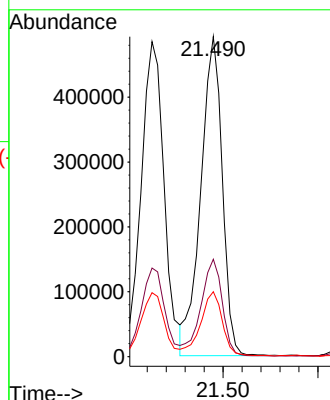
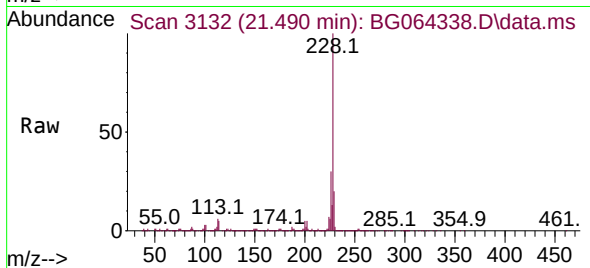
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	20.3	15.4	23.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/11/2025

Supervised By :Jagrut Upadhyay 09/11/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.958 ng

RT: 21.349 min Scan# 3108

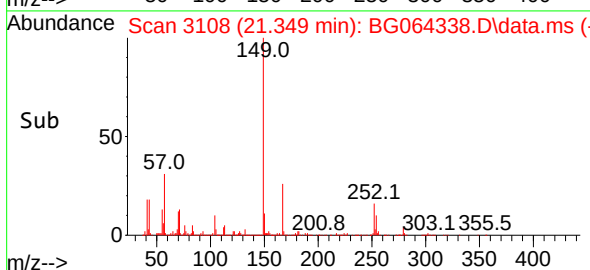
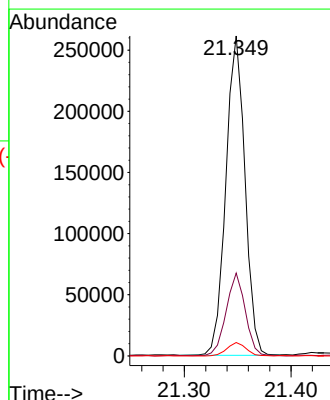
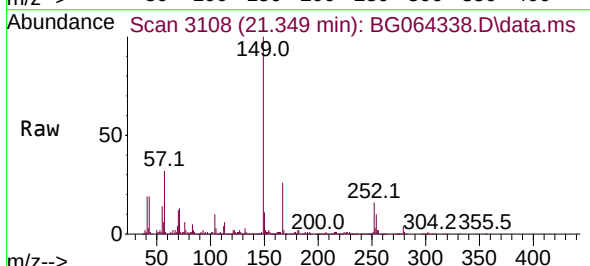
Delta R.T. -0.018 min

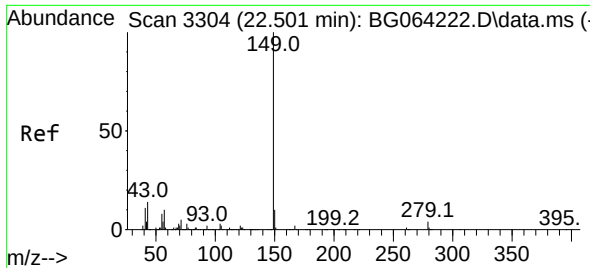
Lab File: BG064338.D

Acq: 10 Sep 2025 18:48

Tgt Ion:149 Resp: 325329

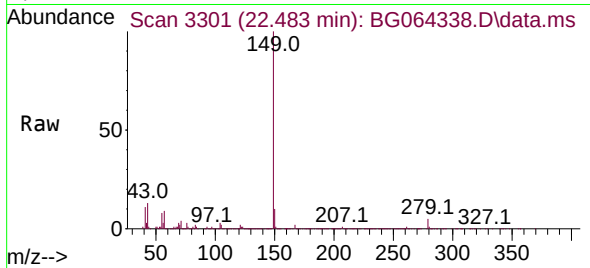
Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.0	30.0
279	4.2	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 44.715 ng
RT: 22.483 min Scan# 3304
Delta R.T. -0.024 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

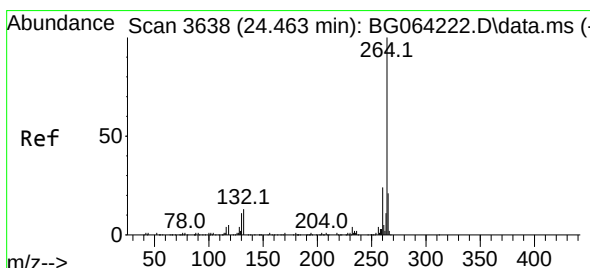
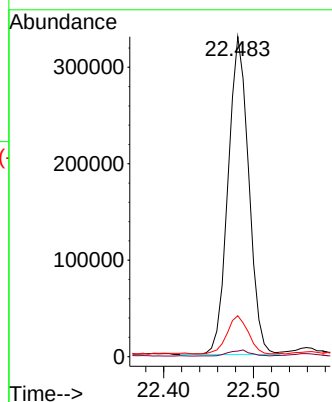
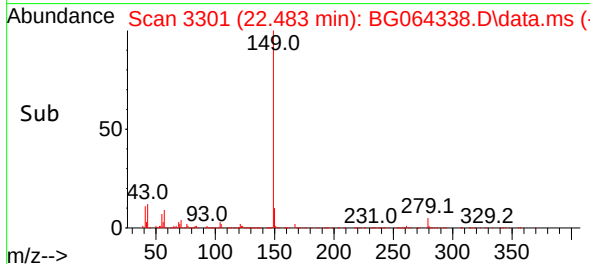
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



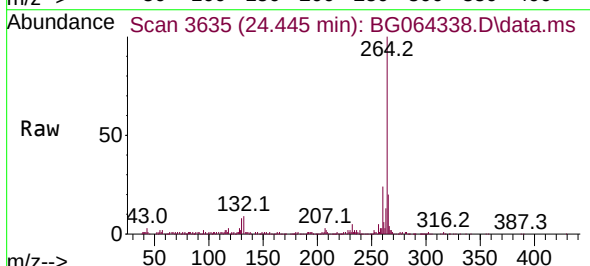
Tgt Ion:149 Resp: 528525
Ion Ratio Lower Upper
149 100
167 2.2 1.3 1.9
43 12.5 10.8 16.2

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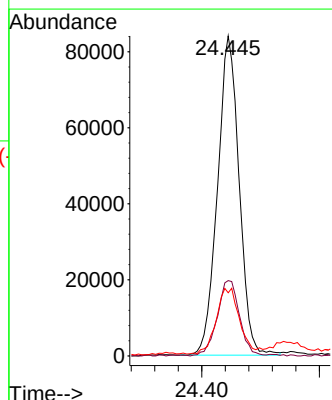
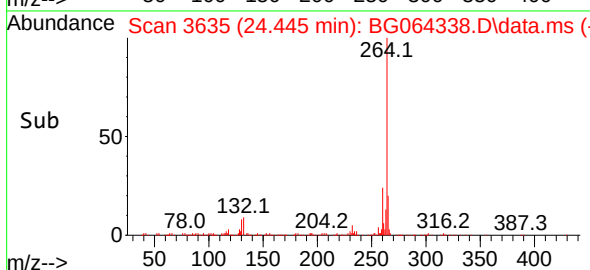
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

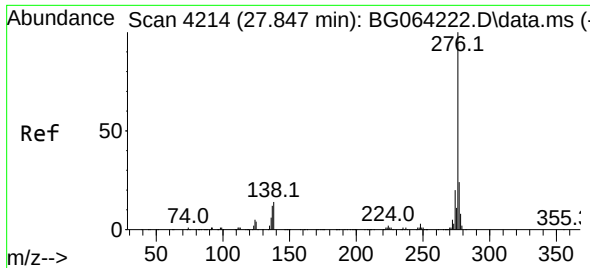


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.445 min Scan# 3635
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48



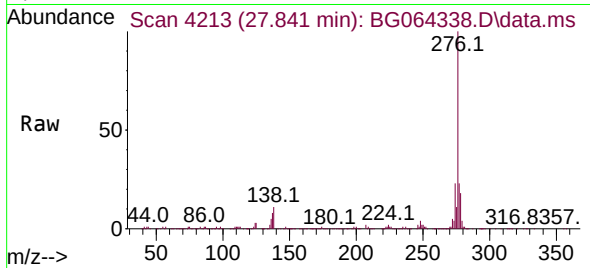
Tgt Ion:264 Resp: 214005
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 19.7 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 58.687 ng
RT: 27.841 min Scan# 4214
Delta R.T. -0.030 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

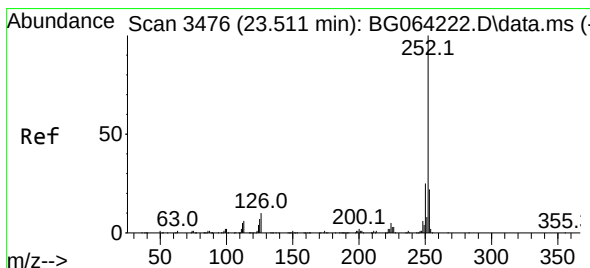
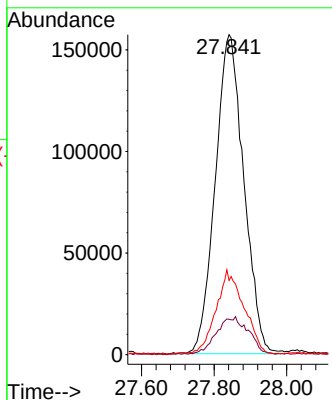
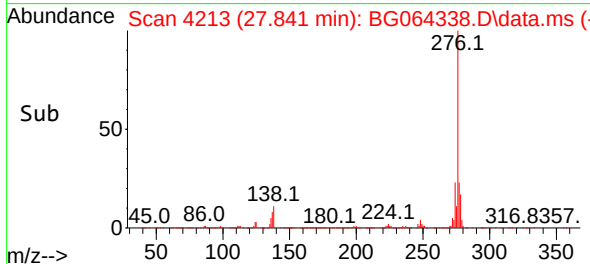
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



Tgt Ion:276 Resp: 857698
Ion Ratio Lower Upper
276 100
138 0.0 7.4 11.0
277 25.5 20.5 30.7

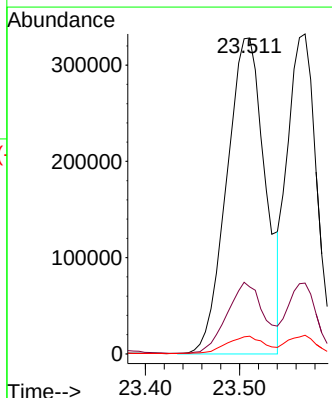
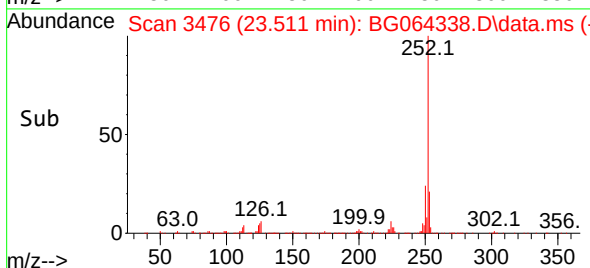
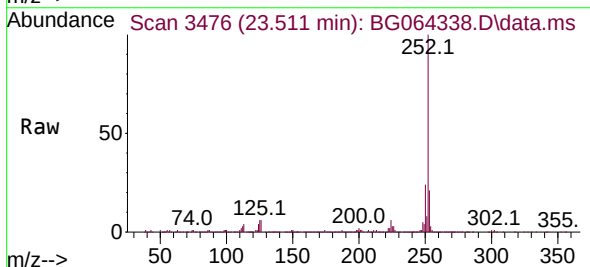
Manual Integrations
APPROVED

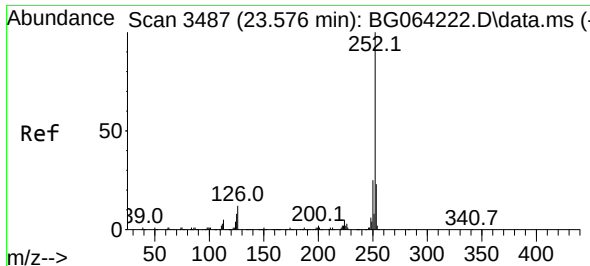
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#88
Benzo(b)fluoranthene
Concen: 77.211 ng m
RT: 23.511 min Scan# 3476
Delta R.T. -0.007 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

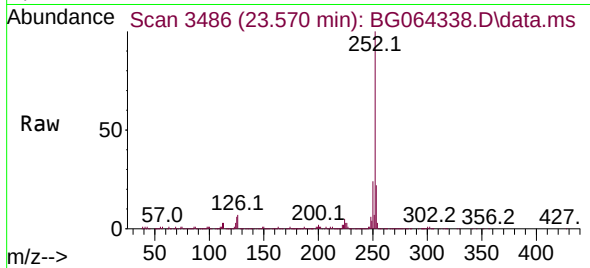
Tgt Ion:252 Resp: 932572
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 5.6 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 57.216 ng
RT: 23.570 min Scan# 3487
Delta R.T. -0.018 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

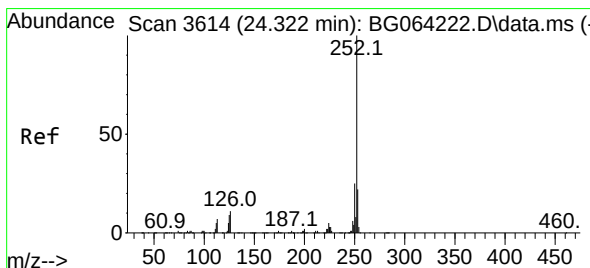
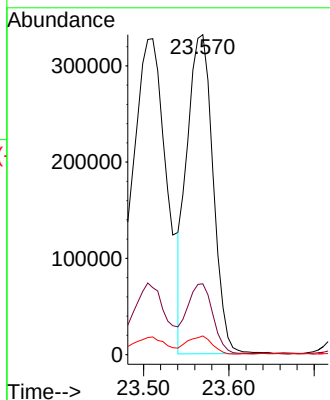
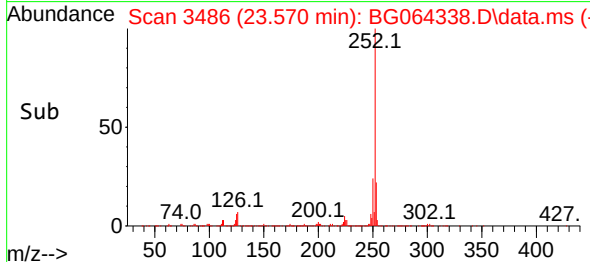
Instrument :
BNA_G
ClientSampleId :
VNJ-258MS



Tgt Ion:252 Resp: 704036
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 5.8 7.0 10.4

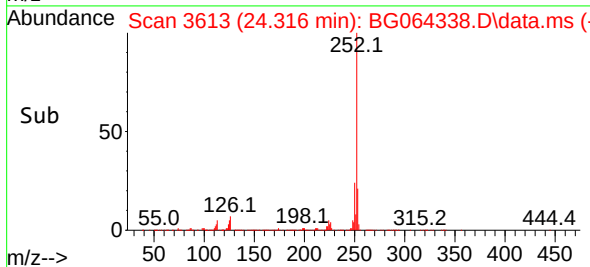
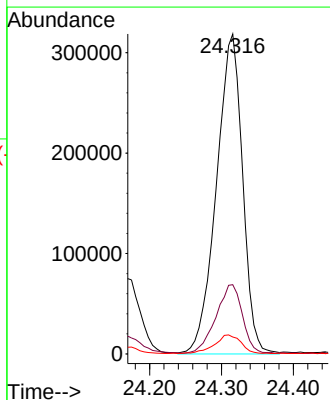
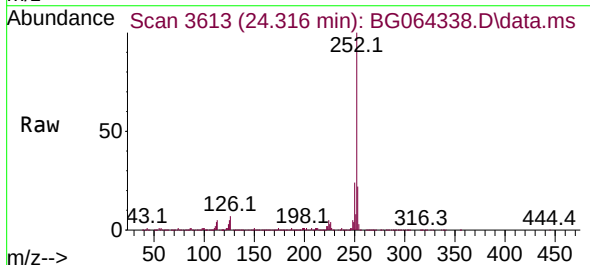
Manual Integrations
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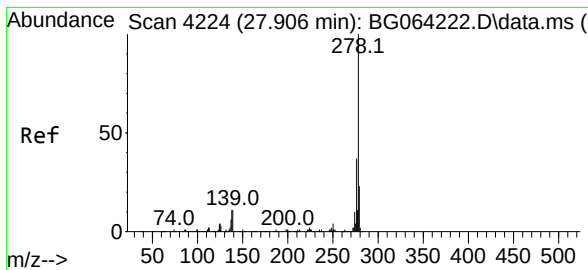
Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025



#90
Benzo(a)pyrene
Concen: 71.629 ng m
RT: 24.316 min Scan# 3613
Delta R.T. -0.012 min
Lab File: BG064338.D
Acq: 10 Sep 2025 18:48

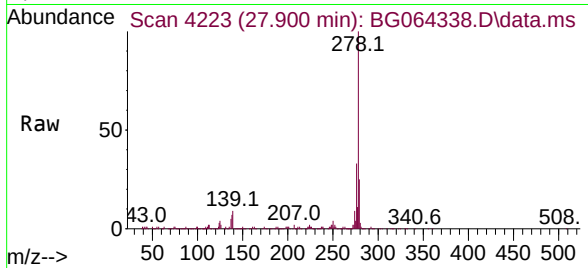
Tgt Ion:252 Resp: 804780
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 5.3 7.0 10.6





#91
 Dibenzo(a,h)anthracene
 Concen: 51.676 ng
 RT: 27.900 min Scan# 41
 Delta R.T. -0.024 min
 Lab File: BG064338.D
 Acq: 10 Sep 2025 18:48

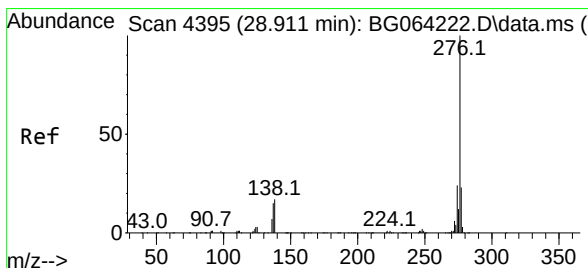
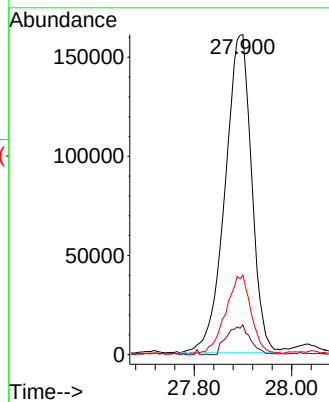
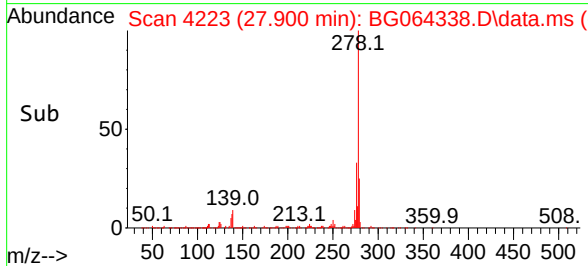
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-258MS



Tgt Ion:278 Resp: 60638
 Ion Ratio Lower Upper
 278 100
 139 9.3 9.0 13.4
 279 24.9 18.8 28.2

Manual Integrations
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Reviewed By :Rahul Chavli 09/11/2025
 Supervised By :Jagrut Upadhyay 09/11/2025



#92
 Benzo(g,h,i)perylene
 Concen: 62.040 ng
 RT: 28.904 min Scan# 4394
 Delta R.T. -0.030 min
 Lab File: BG064338.D
 Acq: 10 Sep 2025 18:48

Tgt Ion:276 Resp: 708375
 Ion Ratio Lower Upper
 276 100
 277 22.7 18.2 27.4
 138 12.2 13.3 19.9#

