

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
 Data File : BG064922.D
 Acq On : 10 Dec 2025 15:49
 Operator : RC/JU
 Sample : Q3814-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/11/2025

Supervised By :Sohil Jodhani 12/12/2025

Quant Time: Dec 10 16:26:24 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 17:10:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.156	152	20499	20.000	ng	#-0.01
21) Naphthalene-d8	10.970	136	74235	20.000	ng	#-0.02
39) Acenaphthene-d10	14.766	164	63263	20.000	ng	-0.01
64) Phenanthrene-d10	17.498	188	168054	20.000	ng	# 0.00
76) Chrysene-d12	21.752	240	228052	20.000	ng	# 0.00
86) Perylene-d12	25.001	264	251029	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.694	112	114086	97.185	ng	0.00
7) Phenol-d6	7.304	99	147754	94.632	ng	0.00
23) Nitrobenzene-d5	9.313	82	98667	65.715	ng	-0.02
42) 2,4,6-Tribromophenol	16.240	330	168209	136.331	ng	-0.01
45) 2-Fluorobiphenyl	13.397	172	287662	63.447	ng	-0.01
79) Terphenyl-d14	20.083	244	790091	68.150	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.508	88	14259	31.376	ng	96
3) Pyridine	3.925	79	42626	31.479	ng	96
4) n-Nitrosodimethylamine	3.831	42	30298	43.962	ng	87
6) Aniline	7.468	93	26343	12.658	ng	97
8) 2-Chlorophenol	7.715	128	60034	46.575	ng	99
9) Benzaldehyde	7.274	77	40288	39.418	ng	94
10) Phenol	7.327	94	72223	42.514	ng	94
11) bis(2-Chloroethyl)ether	7.556	93	45061	37.276	ng	89
12) 1,3-Dichlorobenzene	8.044	146	67375	45.425	ng	95
13) 1,4-Dichlorobenzene	8.185	146	67252	44.529	ng	98
14) 1,2-Dichlorobenzene	8.514	146	66107	45.142	ng	98
15) Benzyl Alcohol	8.385	79	56261	43.899	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.667	45	89260	31.195	ng	97
17) 2-Methylphenol	8.590	107	50089	41.671	ng	94
18) Hexachloroethane	9.249	117	23893	41.769	ng	# 79
19) n-Nitroso-di-n-propyla...	8.955	70	40255	38.131	ng	# 98
20) 3+4-Methylphenols	8.914	107	69820	42.400	ng	94
22) Acetophenone	8.972	105	89895	44.448	ng	# 99
24) Nitrobenzene	9.360	77	65719	43.320	ng	98
25) Isophorone	9.883	82	116266	40.664	ng	95
26) 2-Nitrophenol	10.077	139	34674	50.814	ng	99
27) 2,4-Dimethylphenol	10.130	122	56897	46.934	ng	96
28) bis(2-Chloroethoxy)met...	10.359	93	62856	40.044	ng	96
29) 2,4-Dichlorophenol	10.612	162	70258	53.982	ng	96
30) 1,2,4-Trichlorobenzene	10.835	180	84496	53.764	ng	96
31) Naphthalene	11.023	128	188305	44.747	ng	98
32) Benzoic acid	10.265	122	42246m	49.208	ng	
33) 4-Chloroaniline	11.123	127	11571	6.874	ng	95
34) Hexachlorobutadiene	11.311	225	73888	54.794	ng	97
35) Caprolactam	11.875	113	19184m	49.281	ng	
36) 4-Chloro-3-methylphenol	12.227	107	69433	47.930	ng	91
37) 2-Methylnaphthalene	12.615	142	132494	42.073	ng	96
38) 1-Methylnaphthalene	12.833	142	138531	44.285	ng	99
40) 1,2,4,5-Tetrachloroben...	12.979	216	125475	50.964	ng	98
41) Hexachlorocyclopentadiene	12.962	237	178335	101.056	ng	98
43) 2,4,6-Trichlorophenol	13.209	196	76044	52.626	ng	96

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Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/11/2025
 Supervised By :Sohil Jodhani 12/12/2025

Quant Time: Dec 10 16:26:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

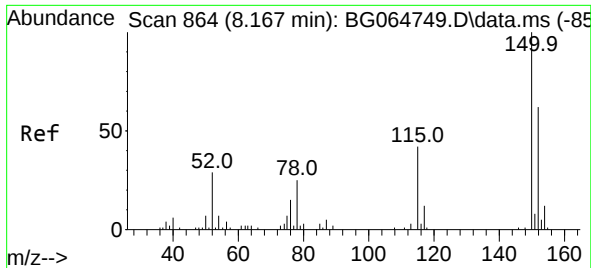
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.279	196	87531	54.010	ng	93
46) 1,1'-Biphenyl	13.608	154	206931	45.542	ng	98
47) 2-Chloronaphthalene	13.649	162	164707	46.011	ng	97
48) 2-Nitroaniline	13.843	65	52183	45.322	ng	94
49) Acenaphthylene	14.489	152	288793	47.222	ng	99
50) Dimethylphthalate	14.213	163	239750	47.975	ng	99
51) 2,6-Dinitrotoluene	14.331	165	50005	52.001	ng	95
52) Acenaphthene	14.830	154	211447	57.665	ng	98
53) 3-Nitroaniline	14.660	138	9615	10.131	ng	# 77
54) 2,4-Dinitrophenol	14.860	184	82100	119.848	ng	91
55) Dibenzofuran	15.159	168	287363	47.403	ng	98
56) 4-Nitrophenol	14.959	139	80566	106.991	ng	87
57) 2,4-Dinitrotoluene	15.112	165	77115	53.491	ng	97
58) Fluorene	15.806	166	229075	48.180	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.383	232	96459	60.324	ng	95
60) Diethylphthalate	15.565	149	237152	49.538	ng	97
61) 4-Chlorophenyl-phenyle...	15.794	204	147674	51.754	ng	96
62) 4-Nitroaniline	15.811	138	45375	46.149	ng	91
63) Azobenzene	16.082	77	188785	47.411	ng	89
65) 4,6-Dinitro-2-methylph...	15.870	198	60058	64.366	ng	93
66) n-Nitrosodiphenylamine	16.005	169	210641	47.852	ng	98
67) 4-Bromophenyl-phenylether	16.687	248	118511	53.700	ng	96
68) Hexachlorobenzene	16.810	284	144437	54.019	ng	92
69) Atrazine	16.939	200	110304	51.974	ng	98
70) Pentachlorophenol	17.145	266	185163	114.181	ng	97
71) Phenanthrene	17.539	178	450903	49.039	ng	99
72) Anthracene	17.627	178	445106	47.474	ng	99
73) Carbazole	17.891	167	378696	46.985	ng	99
74) Di-n-butylphthalate	18.438	149	421640	46.890	ng	99
75) Fluoranthene	19.536	202	636439	50.618	ng	98
77) Benzidine	19.701	184	252308	36.942	ng	99
78) Pyrene	19.895	202	656770	51.385	ng	98
80) Butylbenzylphthalate	20.759	149	194202	43.198	ng	95
81) Benzo(a)anthracene	21.728	228	745434	48.072	ng	99
82) 3,3'-Dichlorobenzidine	21.634	252	66881	11.718	ng	# 97
83) Chrysene	21.799	228	705138	48.233	ng	100
84) Bis(2-ethylhexyl)phtha...	21.622	149	277962	42.312	ng	98
85) Di-n-octyl phthalate	22.844	149	458606	40.386	ng	98
87) Indeno(1,2,3-cd)pyrene	28.732	276	924007	53.576	ng	99
88) Benzo(b)fluoranthene	23.972	252	766633	47.989	ng	# 99
89) Benzo(k)fluoranthene	24.037	252	772748	48.148	ng	# 99
90) Benzo(a)pyrene	24.854	252	736171	49.678	ng	# 98
91) Dibenzo(a,h)anthracene	28.790	278	765488	54.180	ng	# 97
92) Benzo(g,h,i)perylene	29.901	276	745073	54.795	ng	# 97

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

Manual Integrations APPROVED

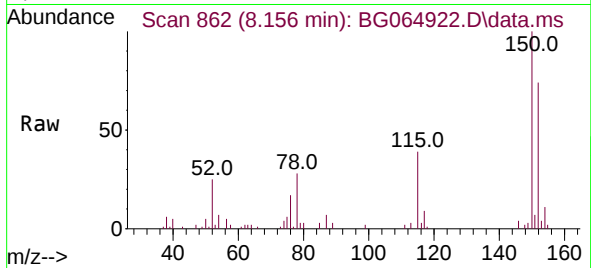
Quant Time: Dec 10 16:26:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.156 min Scan# 80
 Delta R.T. -0.011 min
 Lab File: BG064922.D
 Acq: 10 Dec 2025 15:49

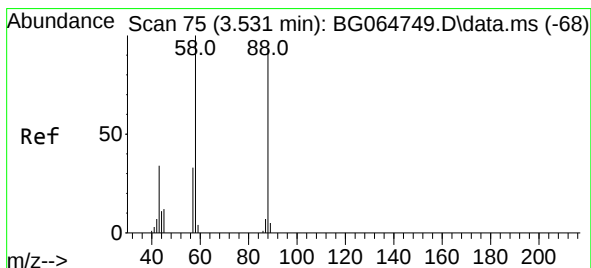
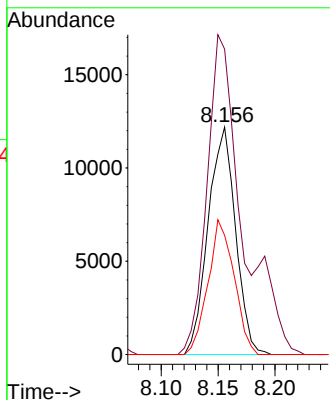
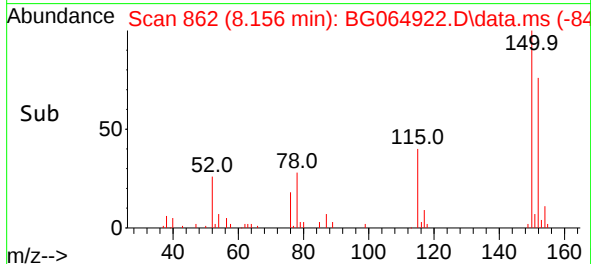
Instrument :
 BNA_G
 ClientSampleId :
 TP-5MSD



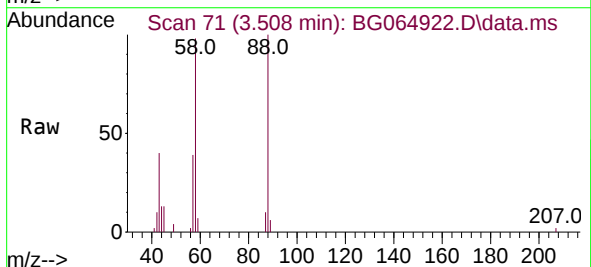
Tgt Ion:152 Resp: 20499
 Ion Ratio Lower Upper
 152 100
 150 134.3 129.2 193.8
 115 52.4 53.7 80.5

Manual Integrations
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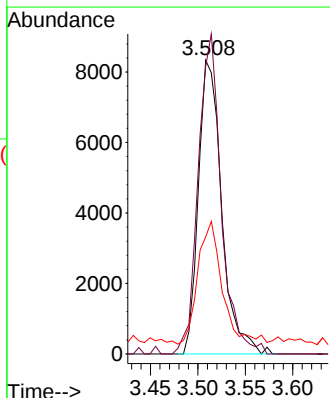
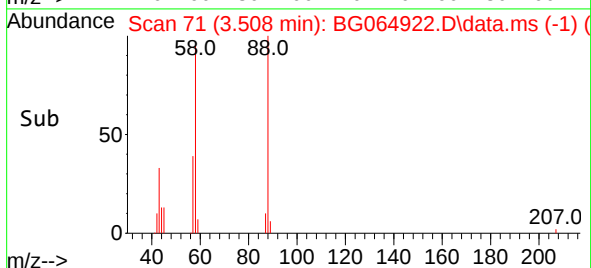
Reviewed By :Jagrut Upadhyay 12/11/2025
 Supervised By :Sohil Jodhani 12/12/2025

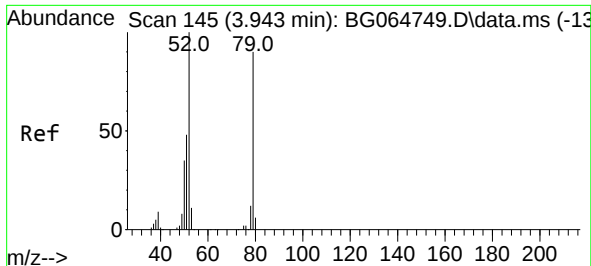


#2
 1,4-Dioxane
 Concen: 31.376 ng
 RT: 3.508 min Scan# 71
 Delta R.T. -0.023 min
 Lab File: BG064922.D
 Acq: 10 Dec 2025 15:49



Tgt Ion: 88 Resp: 14259
 Ion Ratio Lower Upper
 88 100
 58 107.8 84.6 126.8
 43 44.0 30.0 45.0





#3

Pyridine

Concen: 31.479 ng

RT: 3.925 min Scan# 14

Delta R.T. -0.017 min

Lab File: BG064922.D

Acq: 10 Dec 2025 15:49

Instrument :

BNA_G

ClientSampleId :

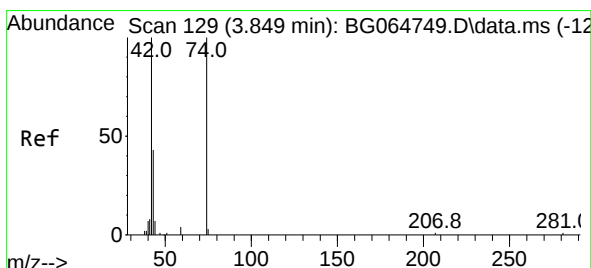
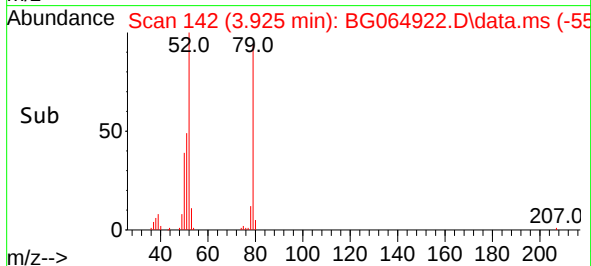
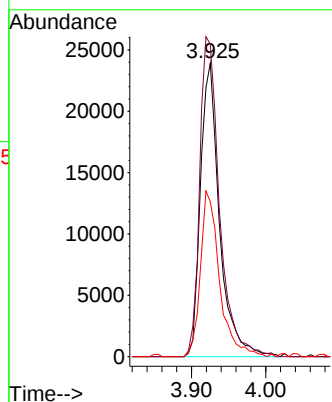
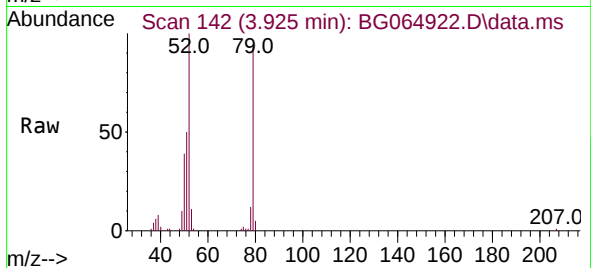
TP-5MSD

Tgt Ion:	79	Resp:	42626
Ion	Ratio	Lower	Upper
79	100		
52	106.4	89.0	133.4
51	52.8	43.4	65.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 43.962 ng

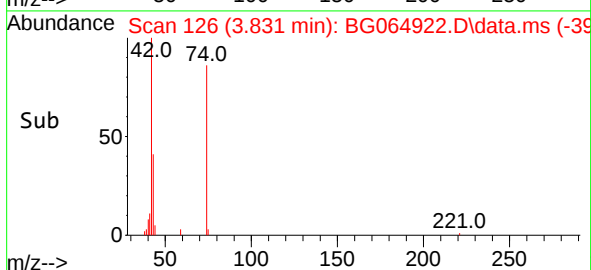
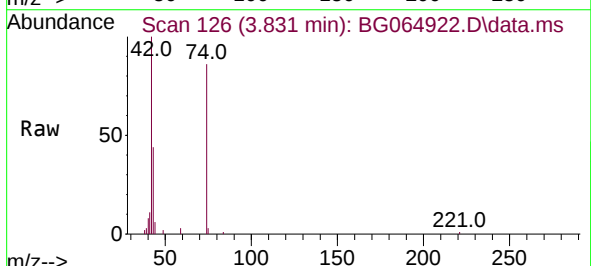
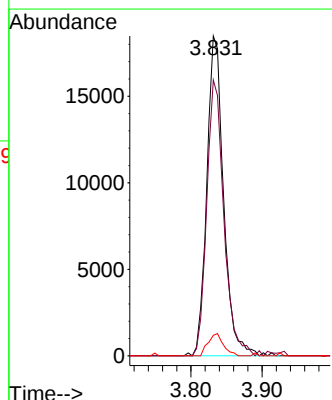
RT: 3.831 min Scan# 126

Delta R.T. -0.017 min

Lab File: BG064922.D

Acq: 10 Dec 2025 15:49

Tgt Ion:	42	Resp:	30298
Ion	Ratio	Lower	Upper
42	100		
74	86.2	79.8	119.6
44	6.4	5.9	8.9





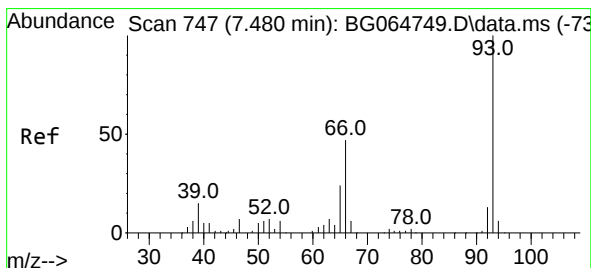
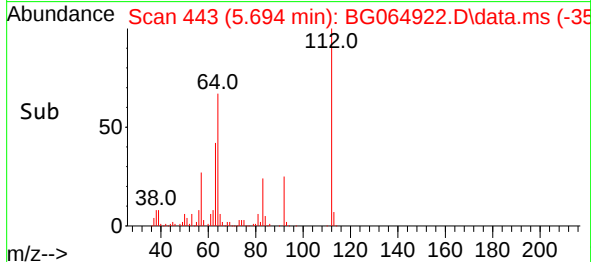
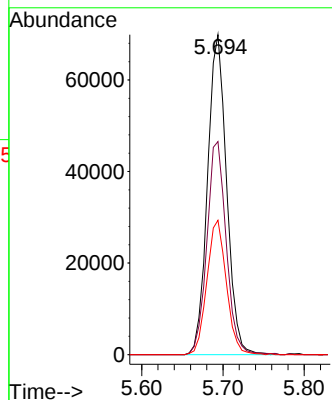
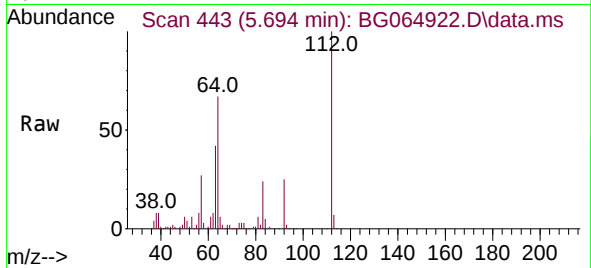
#5
2-Fluorophenol
Concen: 97.185 ng
RT: 5.694 min Scan# 444
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:112 Resp: 114086
Ion Ratio Lower Upper
112 100
64 66.6 61.0 91.4
63 42.0 33.3 49.9

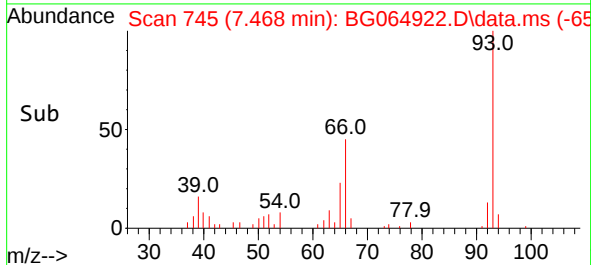
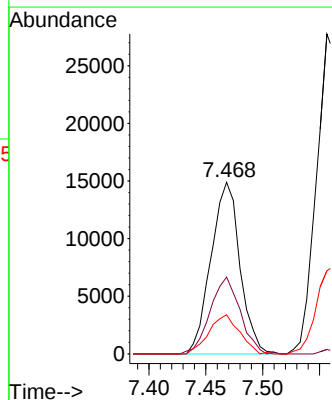
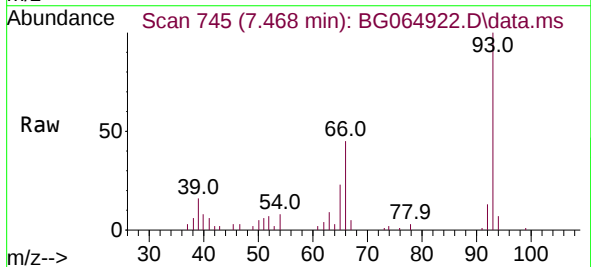
Manual Integrations
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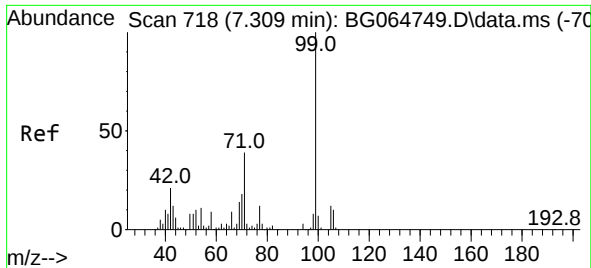
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#6
Aniline
Concen: 12.658 ng
RT: 7.468 min Scan# 745
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

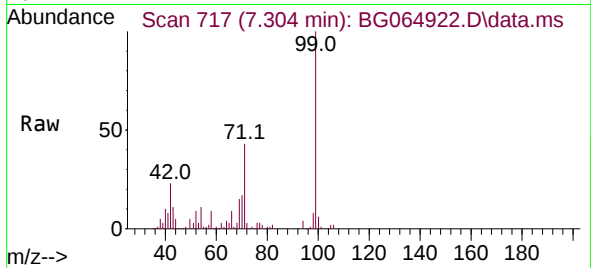
Tgt Ion: 93 Resp: 26343
Ion Ratio Lower Upper
93 100
66 44.8 37.7 56.5
65 22.8 19.1 28.7





#7
Phenol-d6
Concen: 94.632 ng
RT: 7.304 min Scan# 718
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

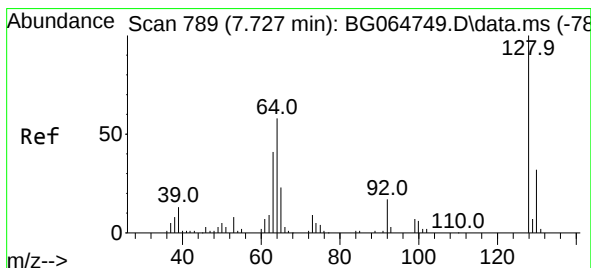
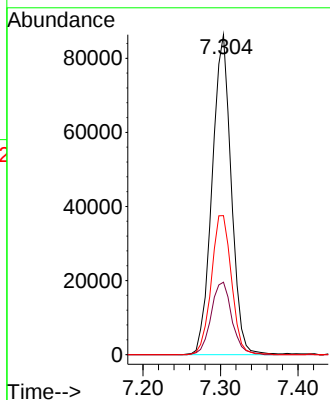
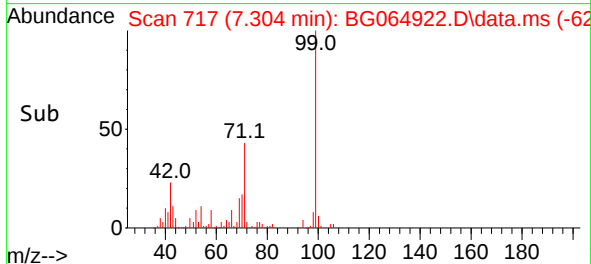
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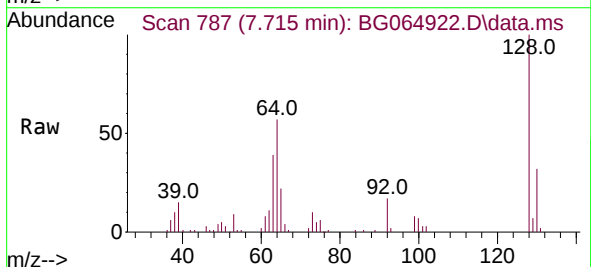
Tgt Ion: 99 Resp: 147754
Ion Ratio Lower Upper
99 100
42 22.6 16.8 25.2
71 43.4 31.1 46.7

Manual Integrations
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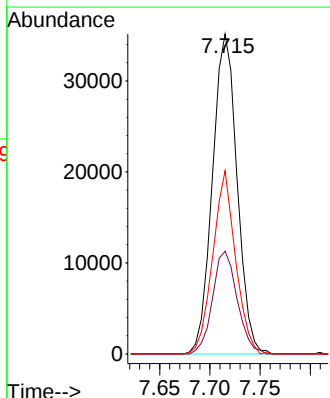
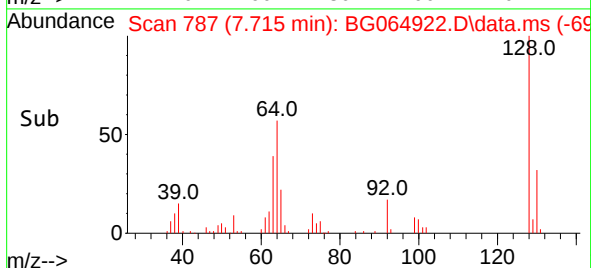
Reviewed By :Jagrut Upadhyay 12/11/2025
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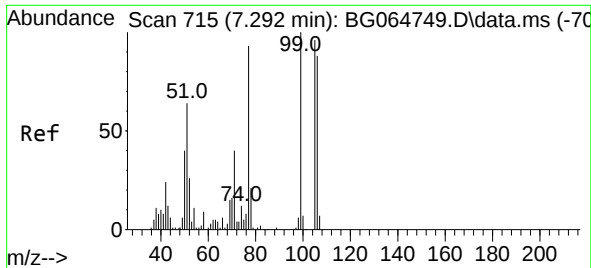


#8
2-Chlorophenol
Concen: 46.575 ng
RT: 7.715 min Scan# 787
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49



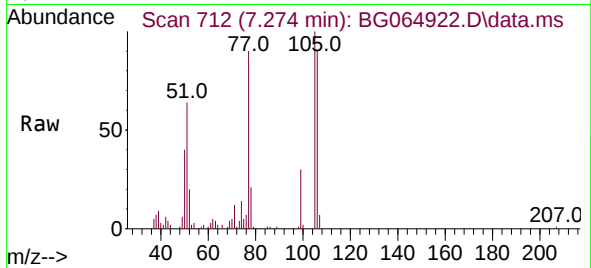
Tgt Ion:128 Resp: 60034
Ion Ratio Lower Upper
128 100
130 32.1 11.9 51.9
64 57.2 38.4 78.4





#9
Benzaldehyde
Concen: 39.418 ng
RT: 7.274 min Scan# 715
Delta R.T. -0.017 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

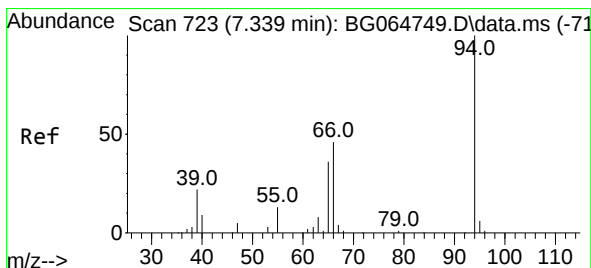
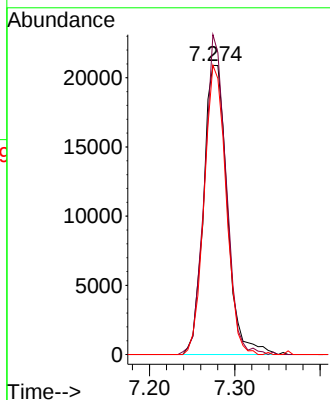
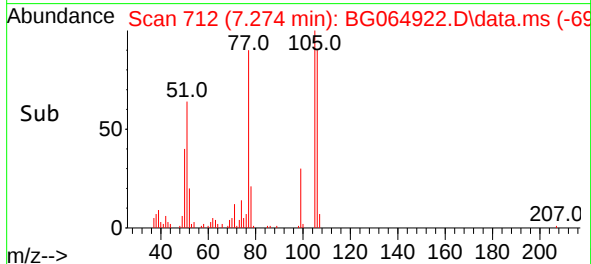
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion: 77 Resp: 40288
Ion Ratio Lower Upper
77 100
105 110.6 83.8 123.8
106 100.1 74.3 114.3

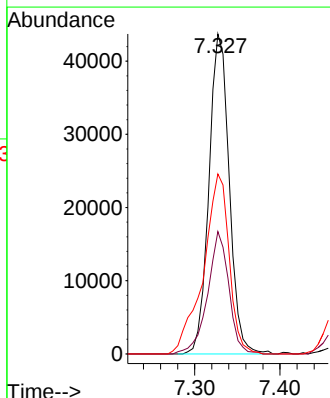
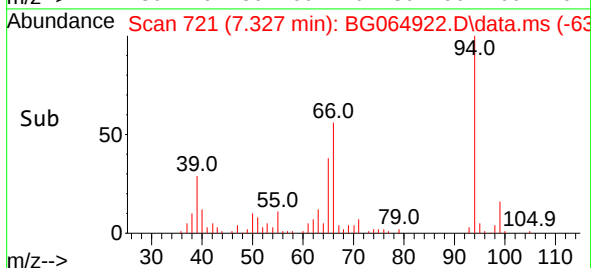
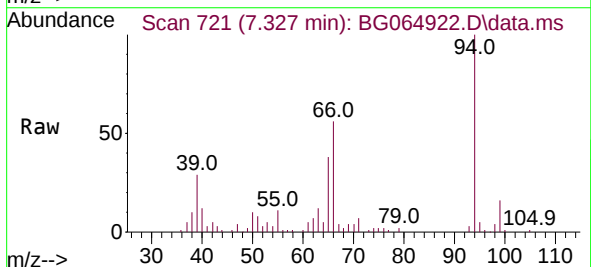
Manual Integrations
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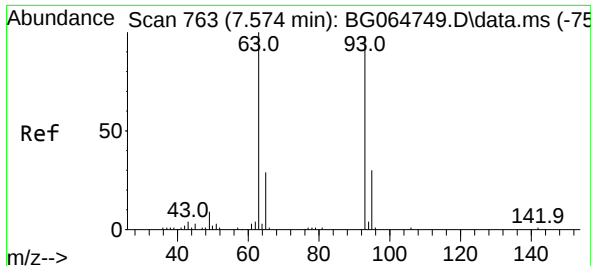
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#10
Phenol
Concen: 42.514 ng
RT: 7.327 min Scan# 721
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Tgt Ion: 94 Resp: 72223
Ion Ratio Lower Upper
94 100
65 38.2 17.0 57.0
66 56.2 29.8 69.8





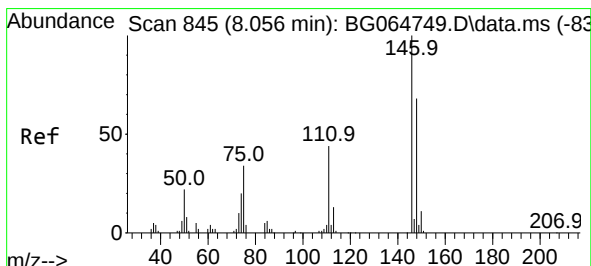
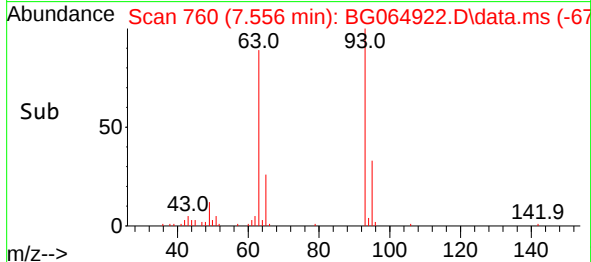
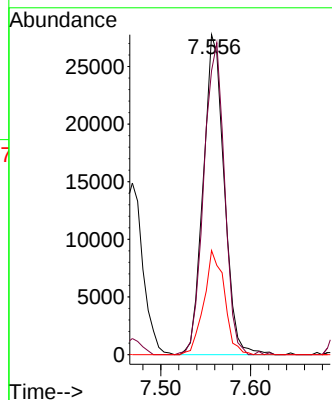
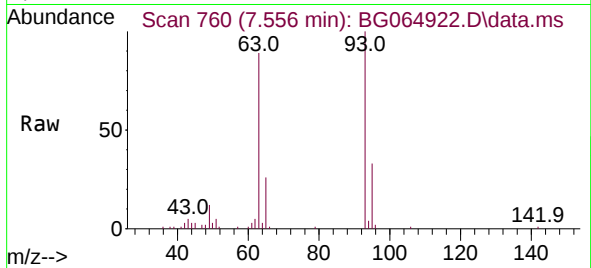
#11
bis(2-Chloroethyl)ether
Concen: 37.276 ng
RT: 7.556 min Scan# 763
Delta R.T. -0.017 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion: 93 Resp: 45063
Ion Ratio Lower Upper
93 100
63 88.7 81.8 121.8
95 32.5 10.3 50.3

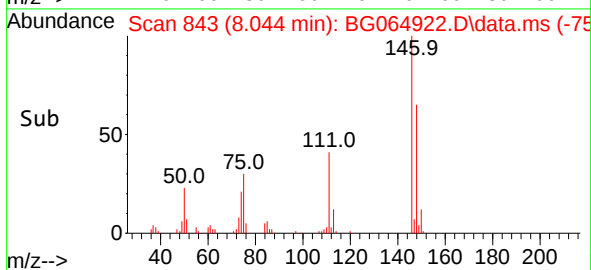
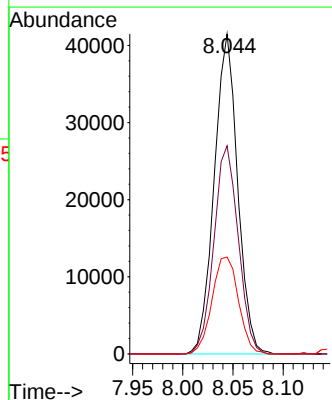
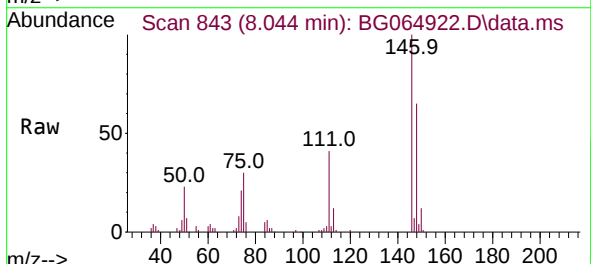
Manual Integrations
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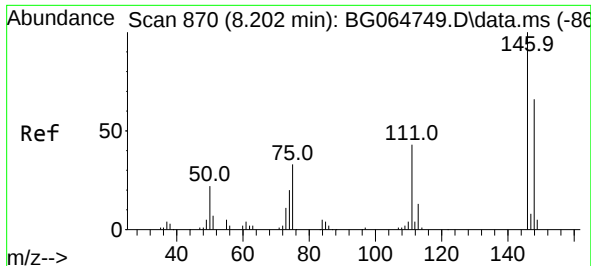
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#12
1,3-Dichlorobenzene
Concen: 45.425 ng
RT: 8.044 min Scan# 843
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Tgt Ion:146 Resp: 67375
Ion Ratio Lower Upper
146 100
148 65.0 54.6 82.0
75 30.3 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 44.529 ng

RT: 8.185 min Scan# 80

Delta R.T. -0.017 min

Lab File: BG064922.D

Acq: 10 Dec 2025 15:49

Instrument :

BNA_G

ClientSampleId :

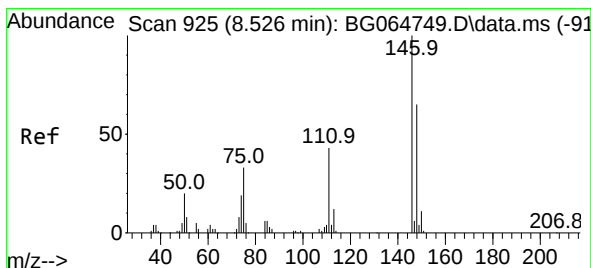
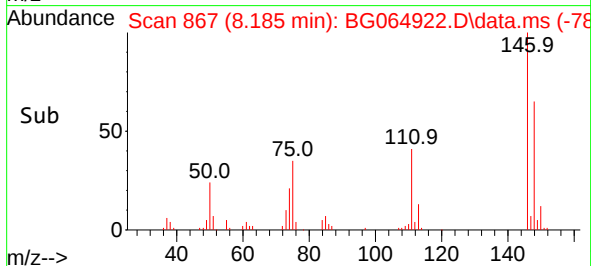
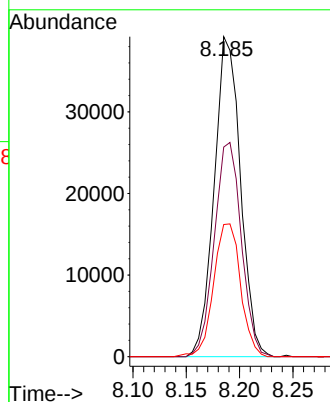
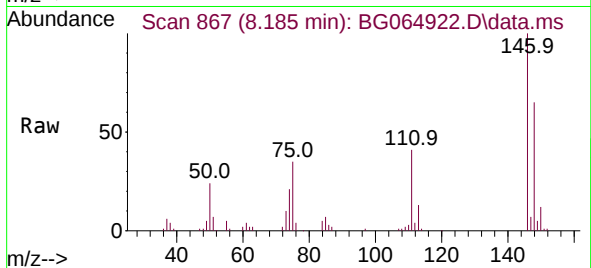
TP-5MSD

Tgt Ion:146 Resp: 67252
 Ion Ratio Lower Upper
 146 100
 148 65.5 53.1 79.7
 111 41.3 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/11/2025
 Supervised By :Sohil Jodhani 12/12/2025



#14

1,2-Dichlorobenzene

Concen: 45.142 ng

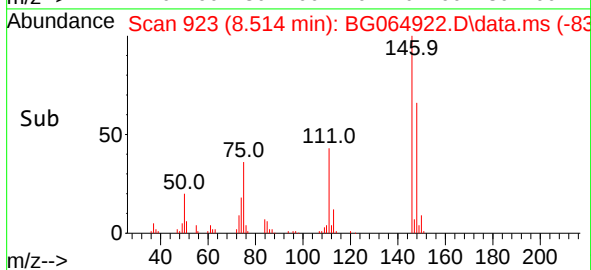
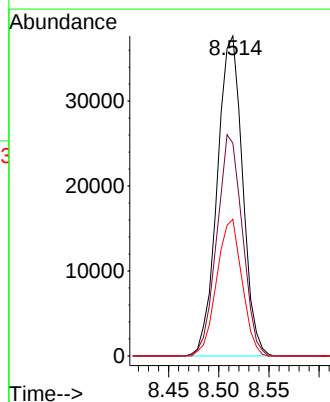
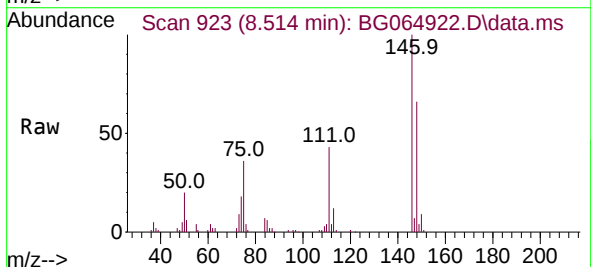
RT: 8.514 min Scan# 923

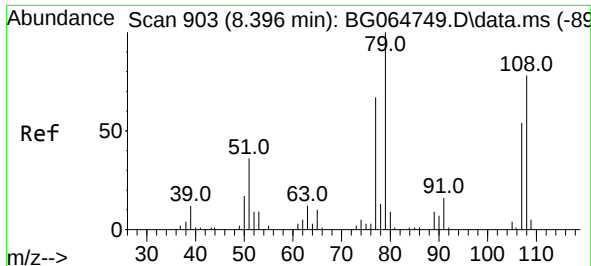
Delta R.T. -0.012 min

Lab File: BG064922.D

Acq: 10 Dec 2025 15:49

Tgt Ion:146 Resp: 66107
 Ion Ratio Lower Upper
 146 100
 148 66.5 52.0 78.0
 111 42.7 34.7 52.1





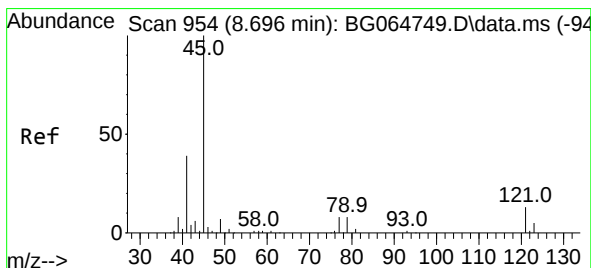
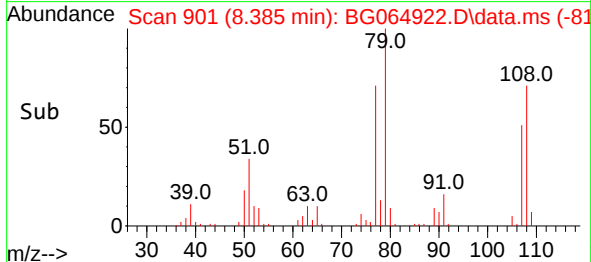
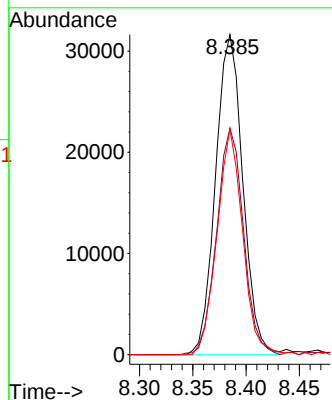
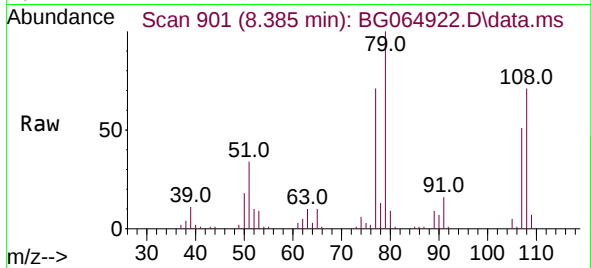
#15
Benzyl Alcohol
Concen: 43.899 ng
RT: 8.385 min Scan# 903
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion: 79 Resp: 5626
Ion Ratio Lower Upper
79 100
108 70.7 62.3 93.5
77 70.5 53.5 80.3

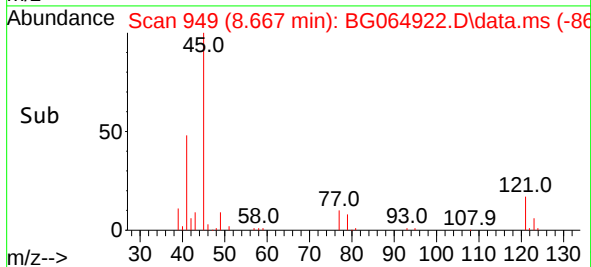
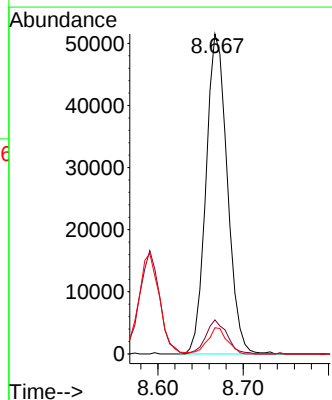
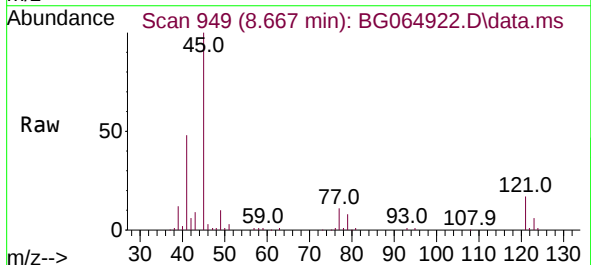
Manual Integrations
APPROVED

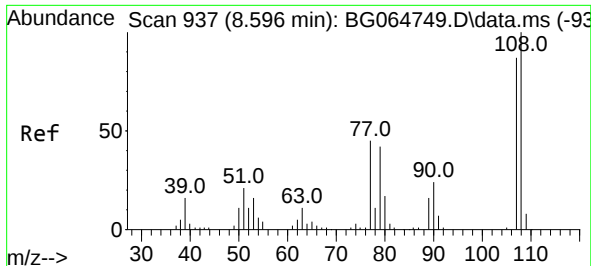
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.195 ng
RT: 8.667 min Scan# 949
Delta R.T. -0.029 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Tgt Ion: 45 Resp: 89260
Ion Ratio Lower Upper
45 100
77 10.6 0.0 28.8
79 8.2 0.0 28.1





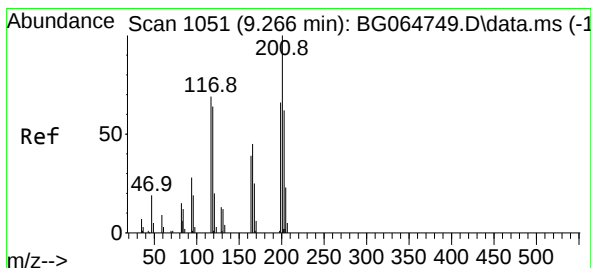
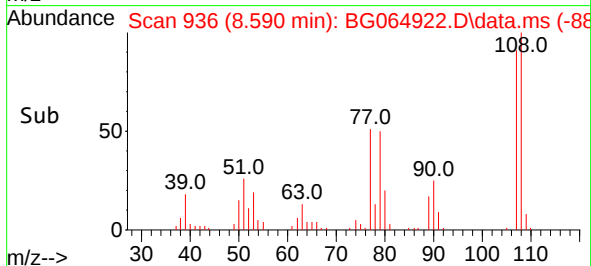
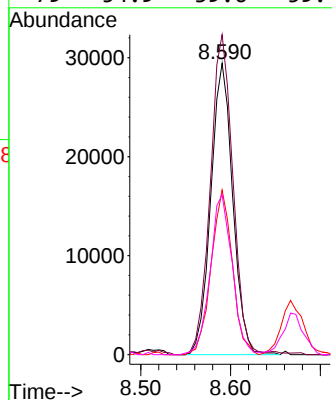
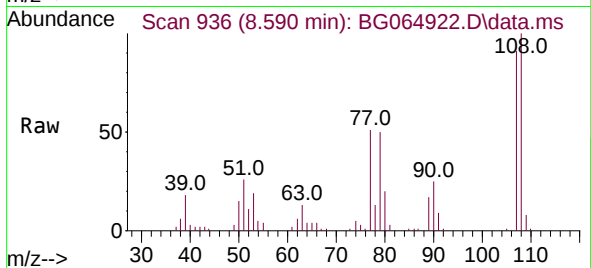
#17
2-Methylphenol
Concen: 41.671 ng
RT: 8.590 min Scan# 937
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:	107	Resp:	50089
Ion Ratio	Lower	Upper	
107	100		
108	109.9	92.6	138.8
77	56.5	41.2	61.8
79	54.9	39.6	59.4

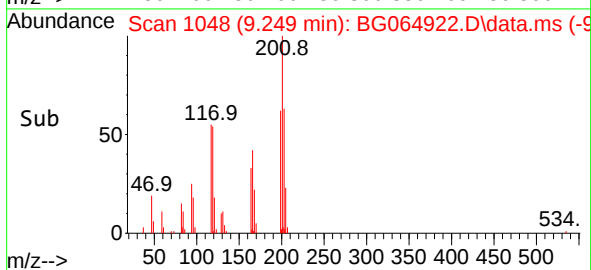
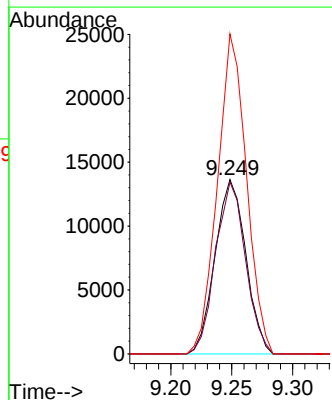
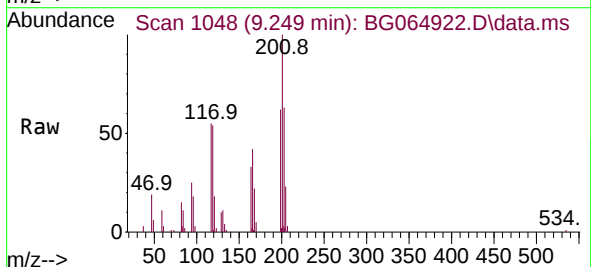
Manual Integrations
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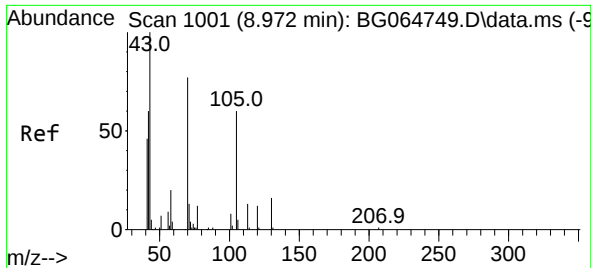
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#18
Hexachloroethane
Concen: 41.769 ng
RT: 9.249 min Scan# 1048
Delta R.T. -0.017 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Tgt Ion:	117	Resp:	23893
Ion Ratio	Lower	Upper	
117	100		
119	98.6	74.4	111.6
201	183.5	116.5	174.7#





#19

n-Nitroso-di-n-propylamine

Concen: 38.131 ng

RT: 8.955 min Scan# 998

Delta R.T. -0.017 min

Lab File: BG064922.D

Acq: 10 Dec 2025 15:49

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion: 70 Resp: 4025

Ion Ratio Lower Upper

70 100

42 78.1 62.6 93.8

101 9.8 8.0 12.0

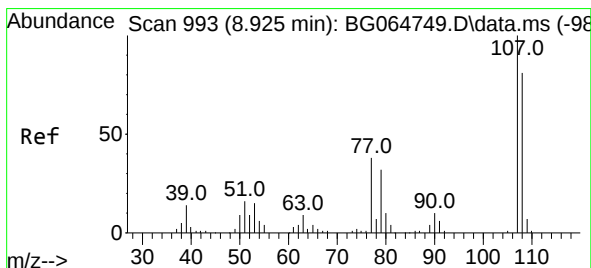
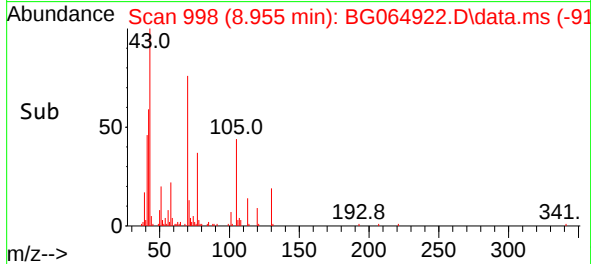
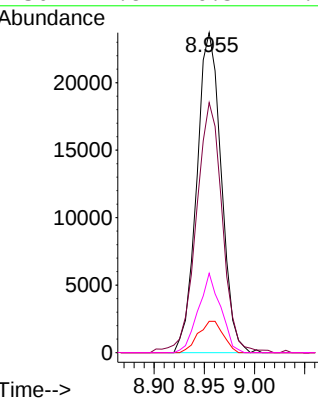
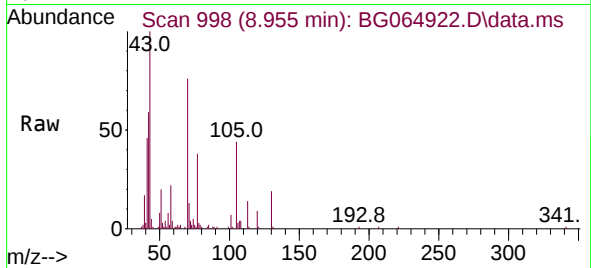
130 24.8 16.5 24.7#

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/11/2025

Supervised By :Sohil Jodhani 12/12/2025



#20

3+4-Methylphenols

Concen: 42.400 ng

RT: 8.914 min Scan# 991

Delta R.T. -0.012 min

Lab File: BG064922.D

Acq: 10 Dec 2025 15:49

Tgt Ion:107 Resp: 69820

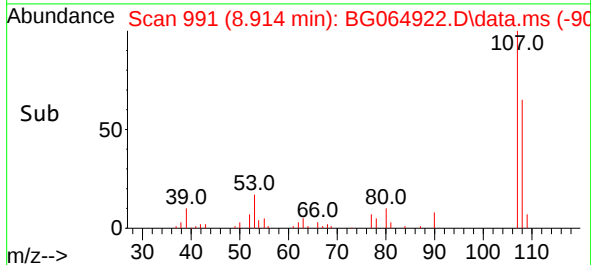
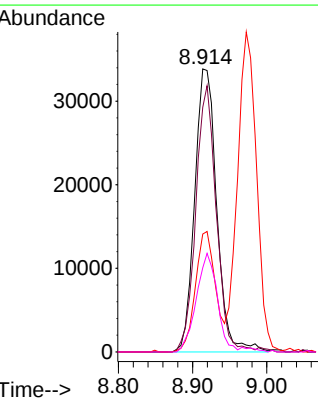
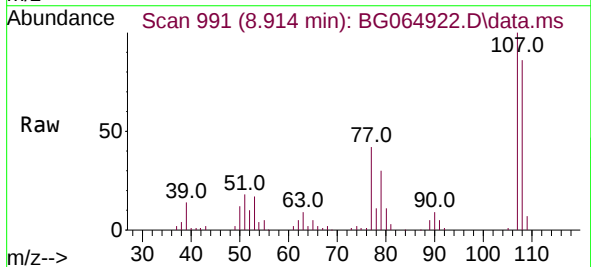
Ion Ratio Lower Upper

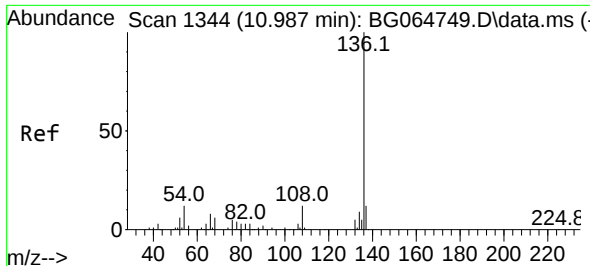
107 100

108 86.4 61.0 101.0

77 41.6 17.6 57.6

79 29.7 12.3 52.3





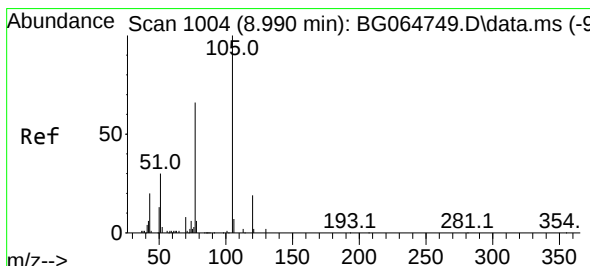
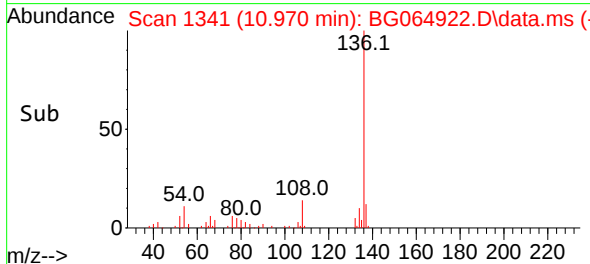
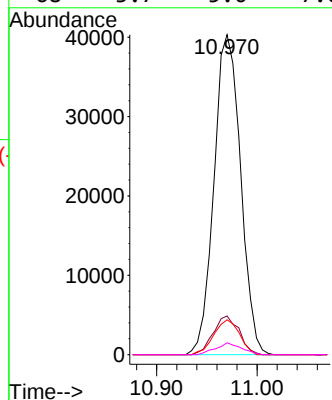
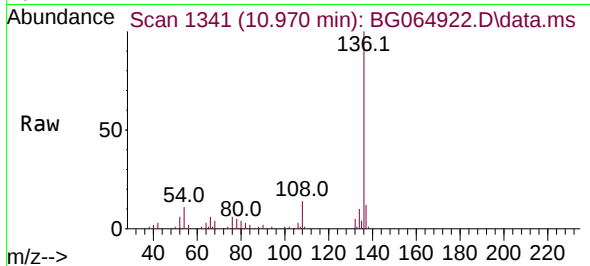
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.970 min Scan# 1344
Delta R.T. -0.017 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:136 Resp: 74235
Ion Ratio Lower Upper
136 100
137 12.1 9.3 13.9
54 10.9 9.3 13.9
68 3.7 5.0 7.6#

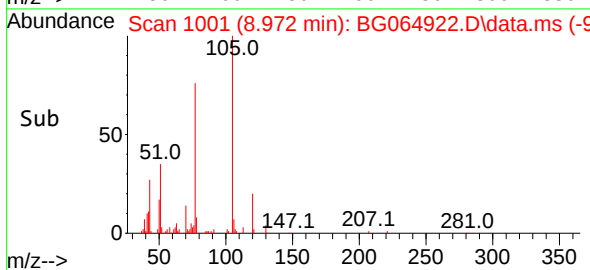
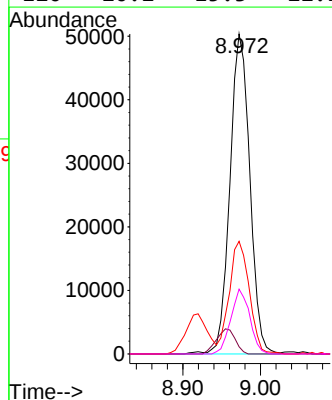
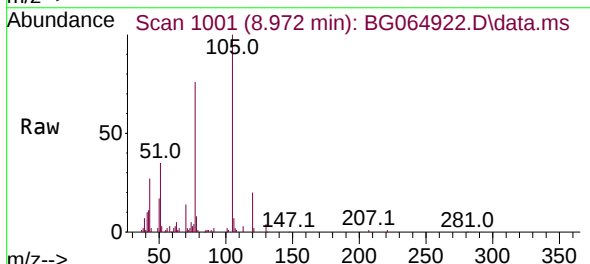
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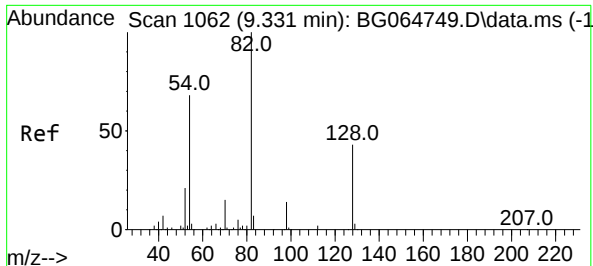
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#22
Acetophenone
Concen: 44.448 ng
RT: 8.972 min Scan# 1001
Delta R.T. -0.017 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Tgt Ion:105 Resp: 89895
Ion Ratio Lower Upper
105 100
71 2.2 1.3 1.9#
51 35.2 27.9 41.9
120 20.2 15.3 22.9





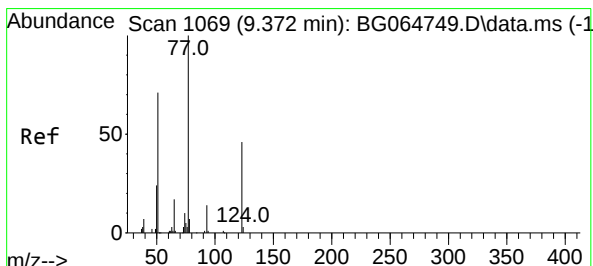
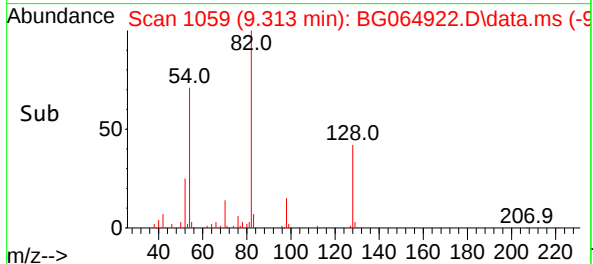
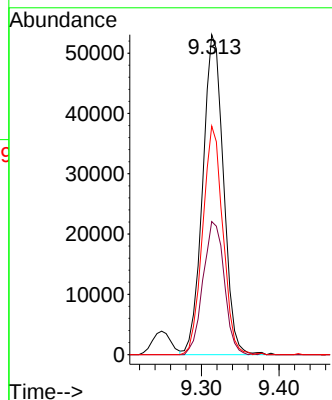
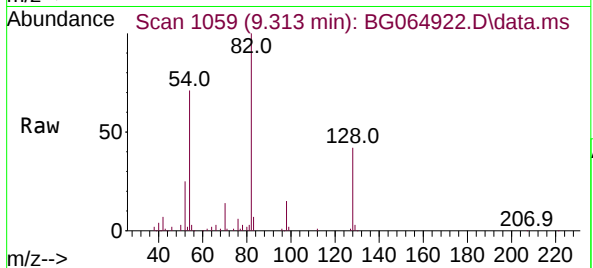
#23
Nitrobenzene-d5
Concen: 65.715 ng
RT: 9.313 min Scan# 1059
Delta R.T. -0.017 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion: 82 Resp: 98662
Ion Ratio Lower Upper
82 100
128 41.6 34.1 51.1
54 71.4 54.3 81.5

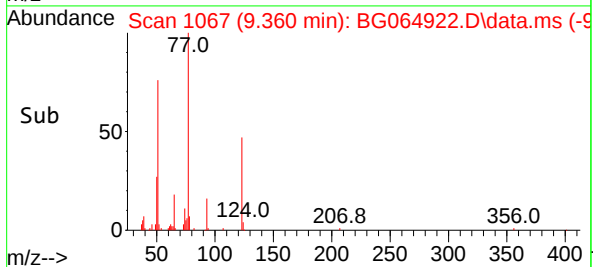
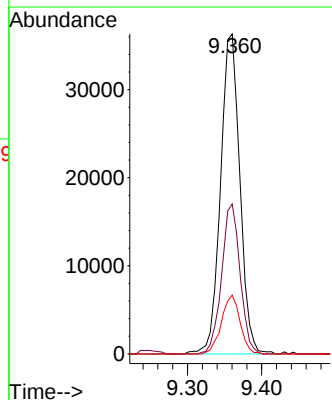
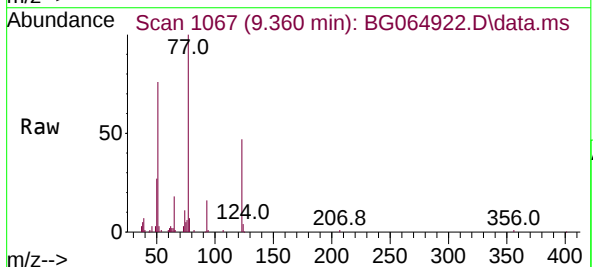
Manual Integrations
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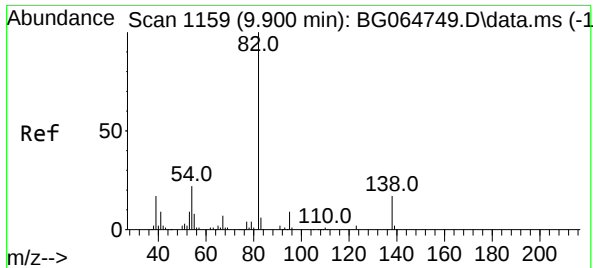
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#24
Nitrobenzene
Concen: 43.320 ng
RT: 9.360 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Tgt Ion: 77 Resp: 65719
Ion Ratio Lower Upper
77 100
123 46.8 36.5 54.7
65 18.4 13.5 20.3





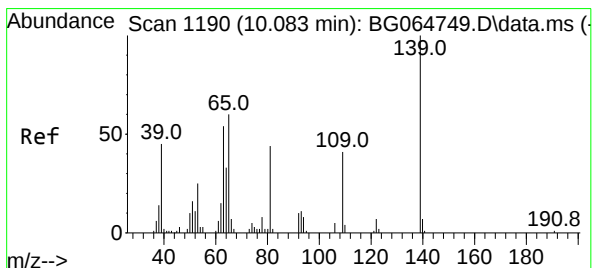
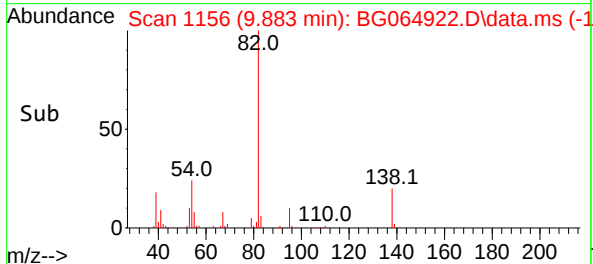
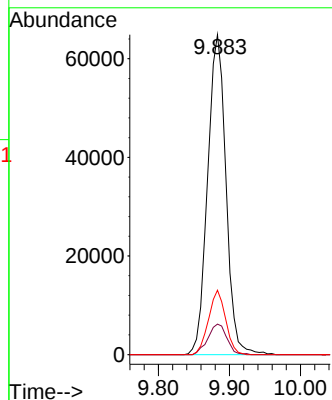
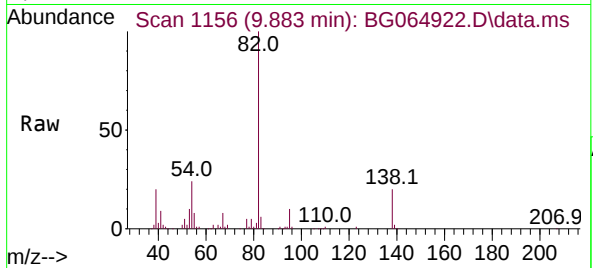
#25
Isophorone
Concen: 40.664 ng
RT: 9.883 min Scan# 1156
Delta R.T. -0.017 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion: 82 Resp: 116266
Ion Ratio Lower Upper
82 100
95 9.5 6.9 10.3
138 20.1 13.9 20.9

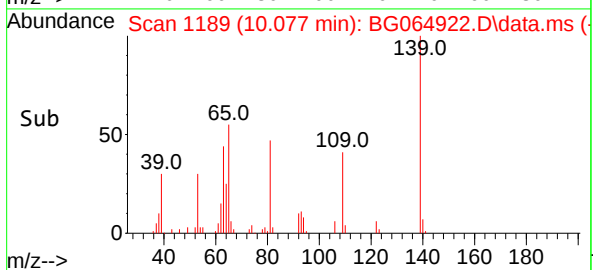
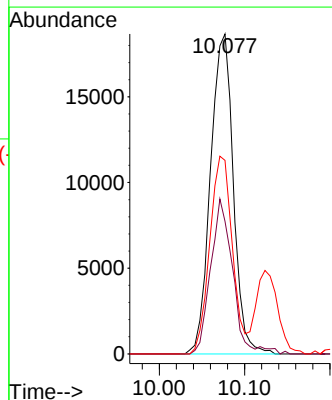
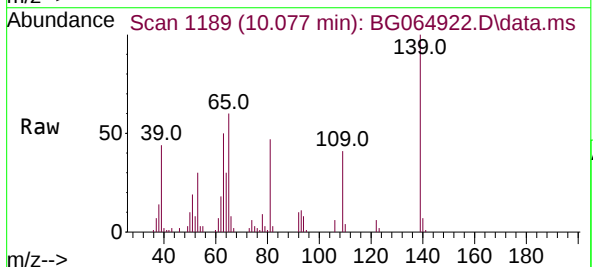
Manual Integrations
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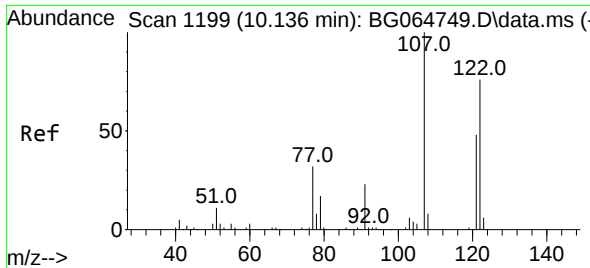
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#26
2-Nitrophenol
Concen: 50.814 ng
RT: 10.077 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Tgt Ion:139 Resp: 34674
Ion Ratio Lower Upper
139 100
109 41.4 32.5 48.7
65 60.5 47.6 71.4





#27
2,4-Dimethylphenol
Concen: 46.934 ng
RT: 10.130 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Instrument :

BNA_G

ClientSampleId :

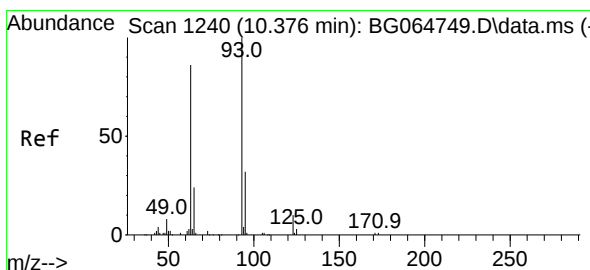
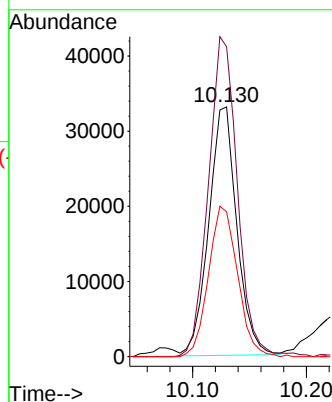
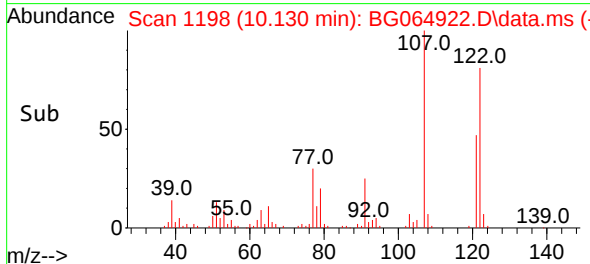
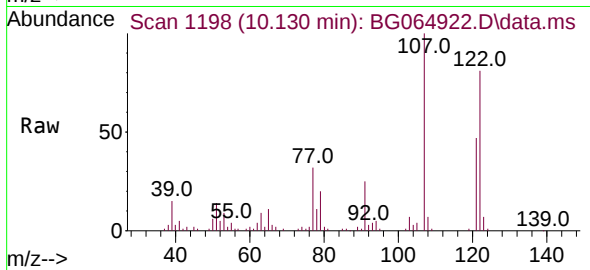
TP-5MSD

Tgt Ion:122 Resp: 5689
Ion Ratio Lower Upper
122 100
107 124.1 102.5 153.7
121 58.0 49.0 73.6

Manual Integrations

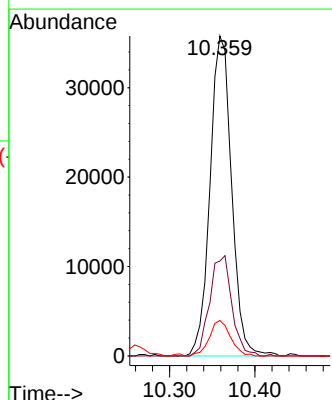
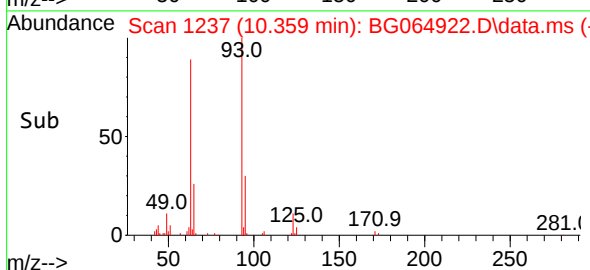
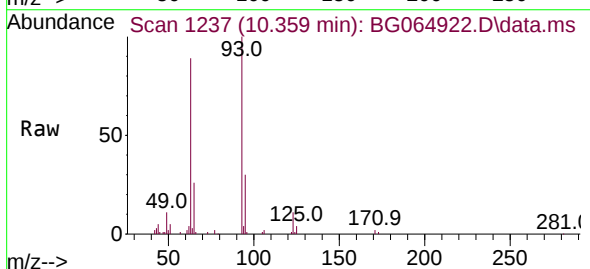
APPROVED

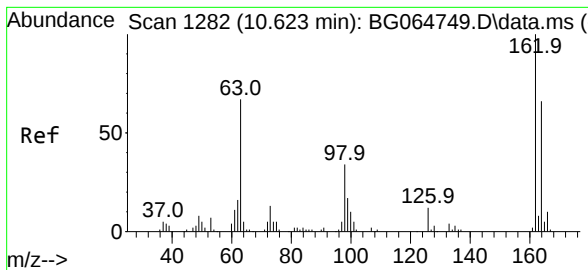
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 40.044 ng
RT: 10.359 min Scan# 1237
Delta R.T. -0.017 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Tgt Ion: 93 Resp: 62856
Ion Ratio Lower Upper
93 100
95 29.6 25.4 38.2
123 11.1 8.1 12.1





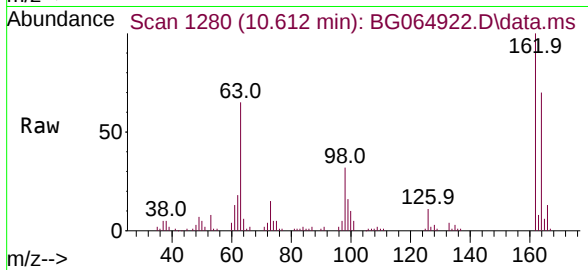
#29
2,4-Dichlorophenol
Concen: 53.982 ng
RT: 10.612 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

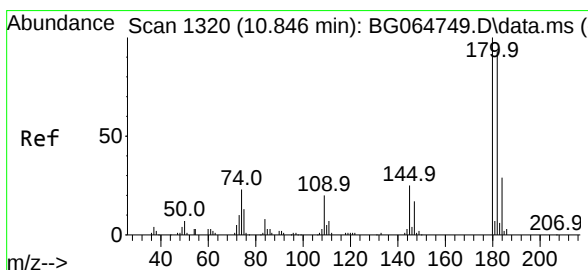
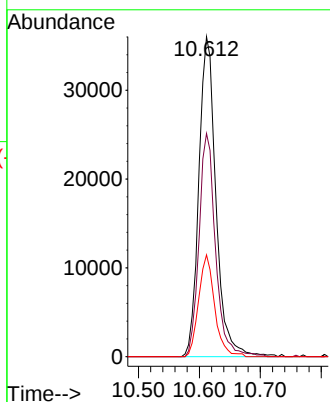
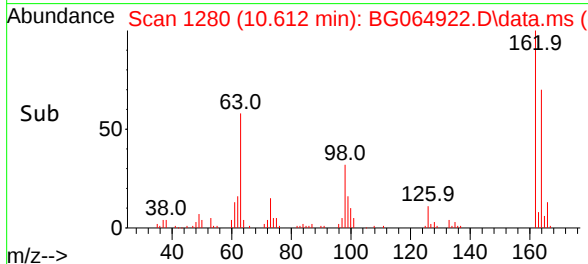


Tgt Ion:162 Resp: 70258
Ion Ratio Lower Upper
162 100
164 69.7 46.0 86.0
98 31.8 14.2 54.2

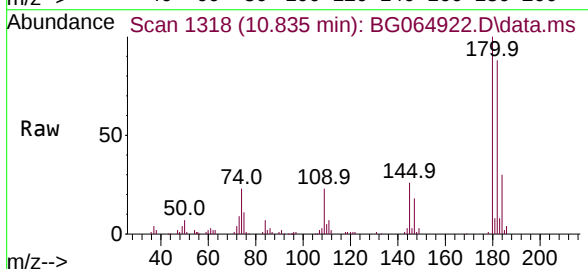
Manual Integrations

APPROVED

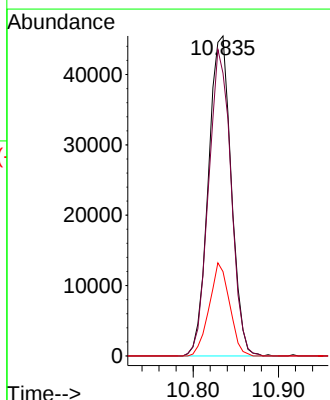
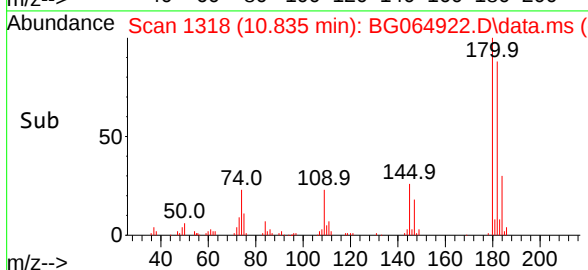
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

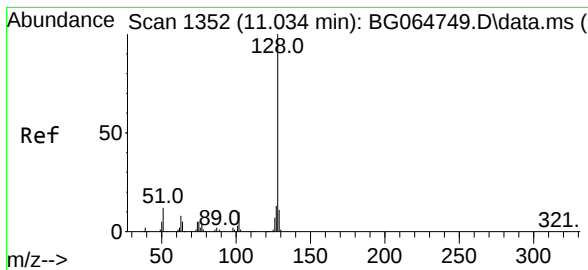


#30
1,2,4-Trichlorobenzene
Concen: 53.764 ng
RT: 10.835 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49



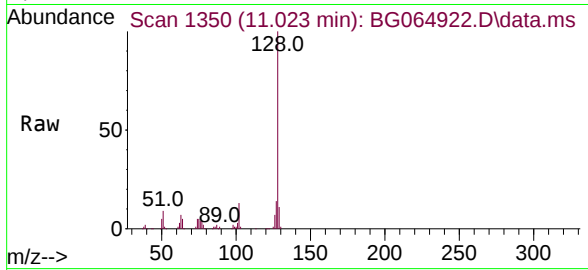
Tgt Ion:180 Resp: 84496
Ion Ratio Lower Upper
180 100
182 88.3 74.2 111.4
145 26.3 20.0 30.0





#31
Naphthalene
Concen: 44.747 ng
RT: 11.023 min Scan# 1352
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

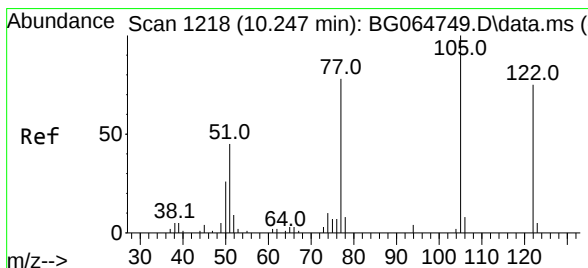
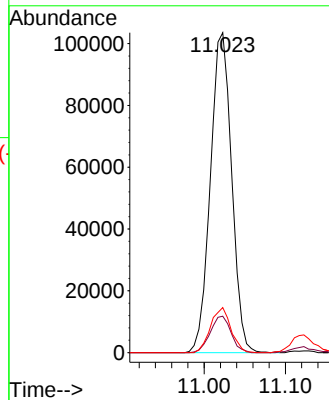
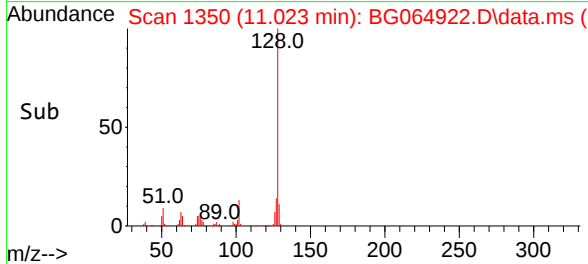
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



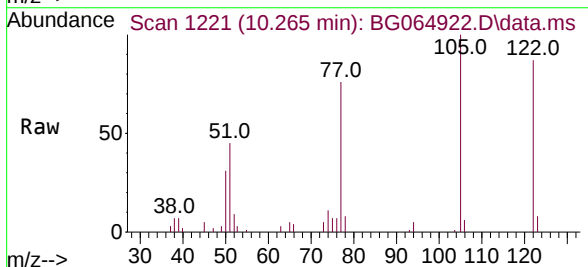
Tgt Ion:128 Resp: 188305
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 14.1 10.6 16.0

Manual Integrations
APPROVED

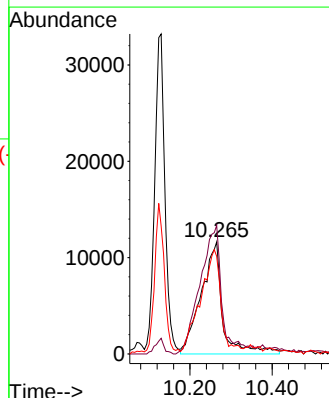
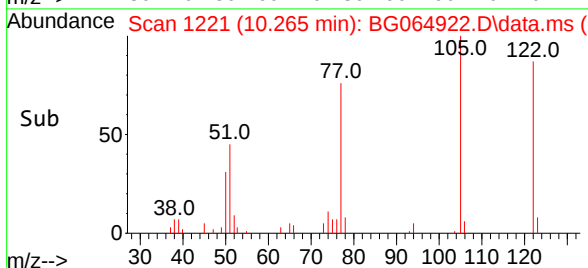
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

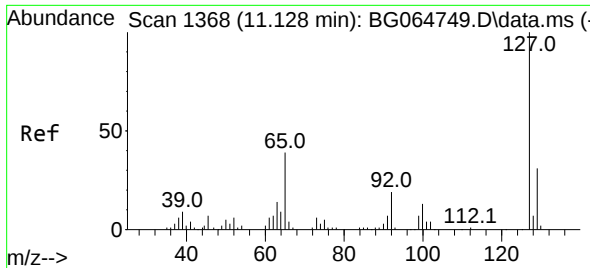


#32
Benzoic acid
Concen: 49.208 ng m
RT: 10.265 min Scan# 1221
Delta R.T. 0.018 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49



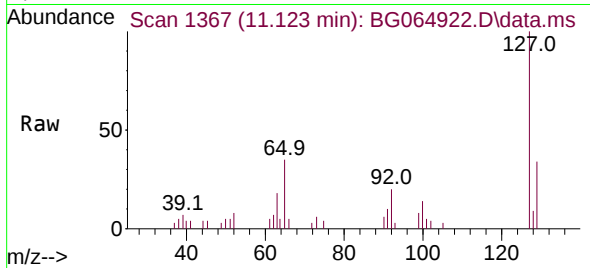
Tgt Ion:122 Resp: 42246
Ion Ratio Lower Upper
122 100
105 114.9 107.6 147.6
77 87.2 82.5 122.5





#33
4-Chloroaniline
Concen: 6.874 ng
RT: 11.123 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

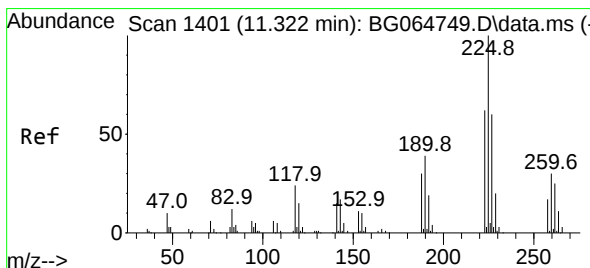
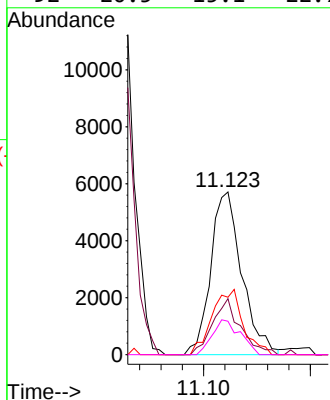
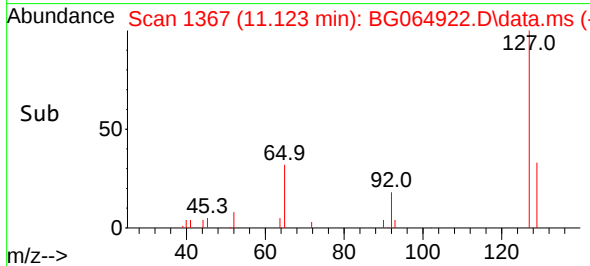
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



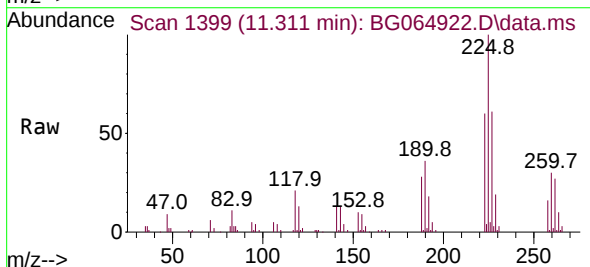
Tgt Ion:127 Resp: 11573
Ion Ratio Lower Upper
127 100
129 34.4 24.9 37.3
65 35.2 30.9 46.3
92 20.5 15.1 22.7

Manual Integrations
APPROVED

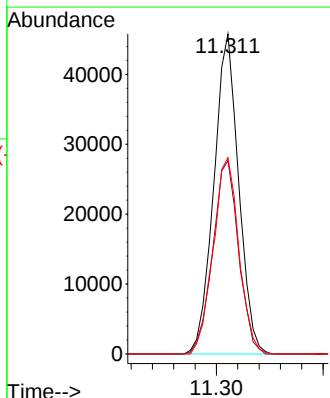
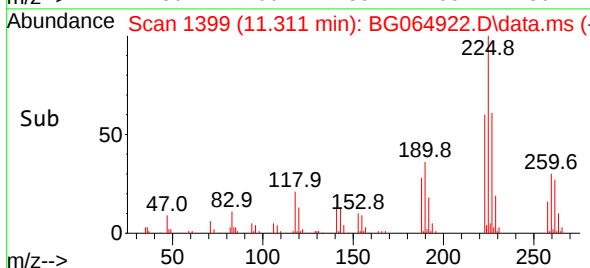
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

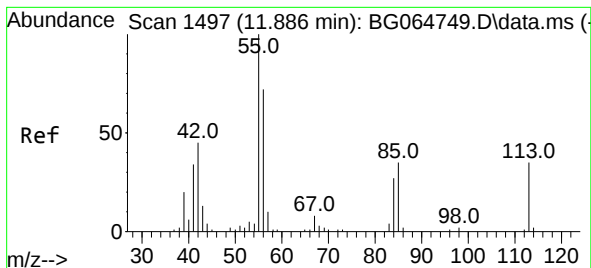


#34
Hexachlorobutadiene
Concen: 54.794 ng
RT: 11.311 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49



Tgt Ion:225 Resp: 73888
Ion Ratio Lower Upper
225 100
223 60.4 49.9 74.9
227 61.3 50.6 75.8





#35

Caprolactam

Concen: 49.281 ng m

RT: 11.875 min Scan# 1497

Delta R.T. -0.012 min

Lab File: BG064922.D

Acq: 10 Dec 2025 15:49

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion:113 Resp: 19184

Ion Ratio Lower Upper

113 100

55 245.9 263.7 303.7

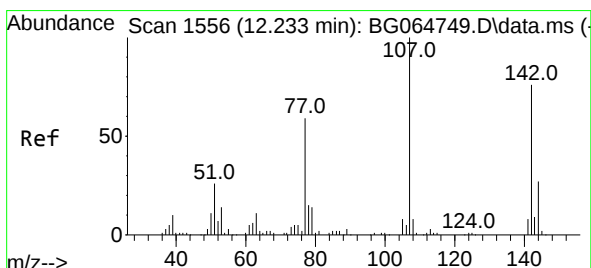
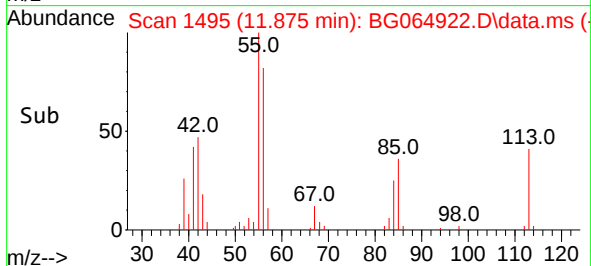
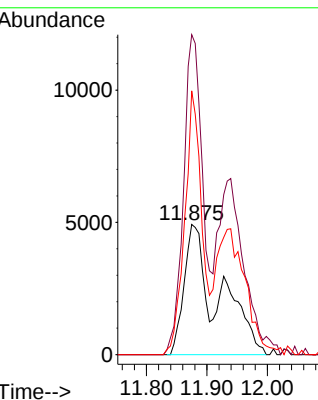
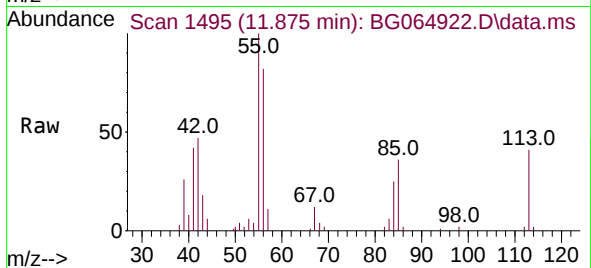
56 202.6 184.0 224.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/11/2025

Supervised By :Sohil Jodhani 12/12/2025



#36

4-Chloro-3-methylphenol

Concen: 47.930 ng

RT: 12.227 min Scan# 1555

Delta R.T. -0.006 min

Lab File: BG064922.D

Acq: 10 Dec 2025 15:49

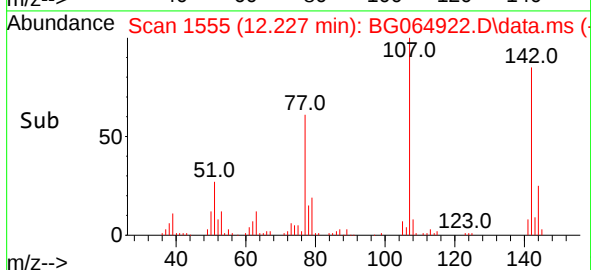
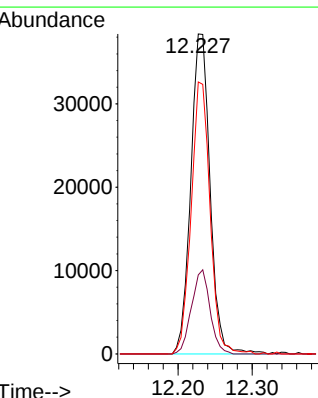
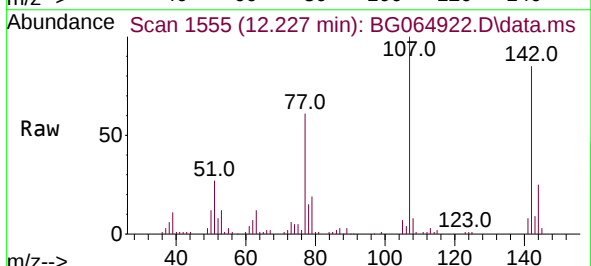
Tgt Ion:107 Resp: 69433

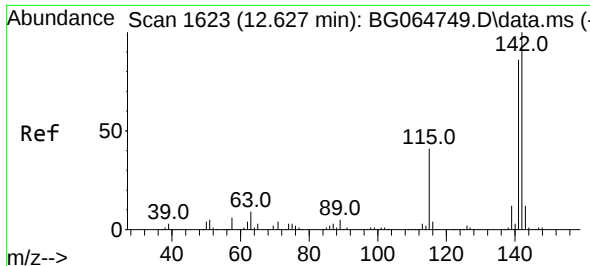
Ion Ratio Lower Upper

107 100

144 24.7 21.7 32.5

142 85.0 60.8 91.2





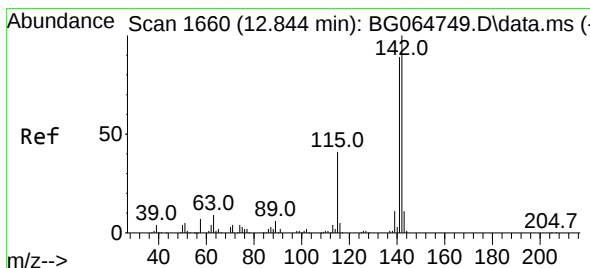
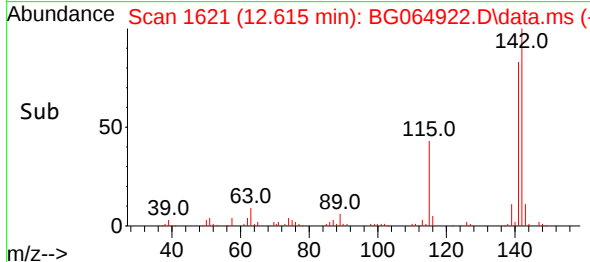
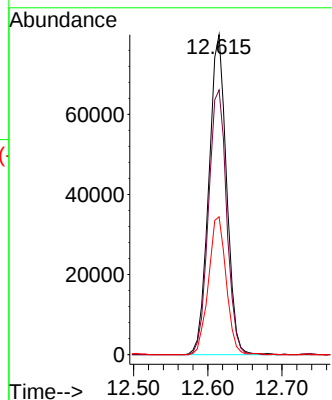
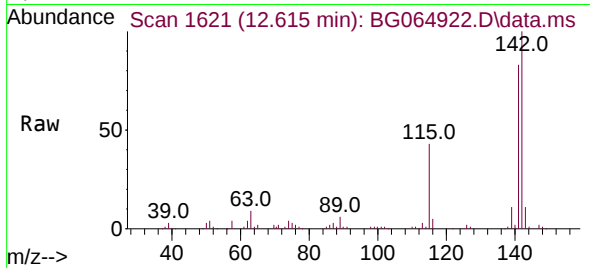
#37
2-Methylnaphthalene
Concen: 42.073 ng
RT: 12.615 min Scan# 1621
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:142 Resp: 132494
Ion Ratio Lower Upper
142 100
141 82.7 69.1 103.7
115 43.1 32.9 49.3

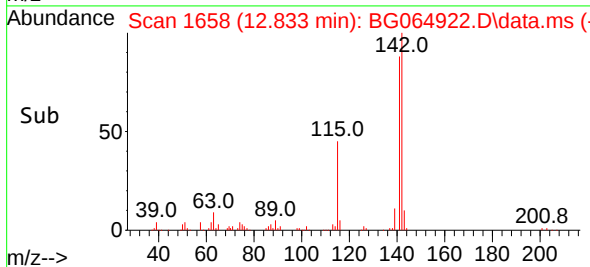
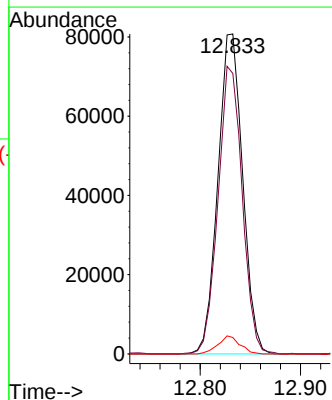
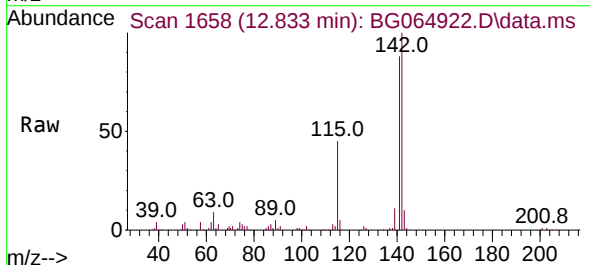
Manual Integrations
APPROVED

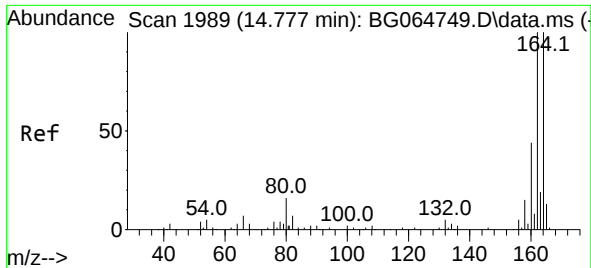
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#38
1-Methylnaphthalene
Concen: 44.285 ng
RT: 12.833 min Scan# 1658
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

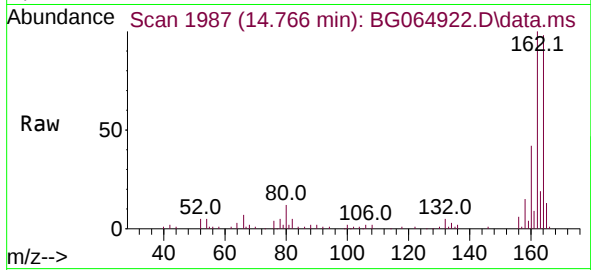
Tgt Ion:142 Resp: 138531
Ion Ratio Lower Upper
142 100
141 87.6 70.8 106.2
116 5.1 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.766 min Scan# 1989
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

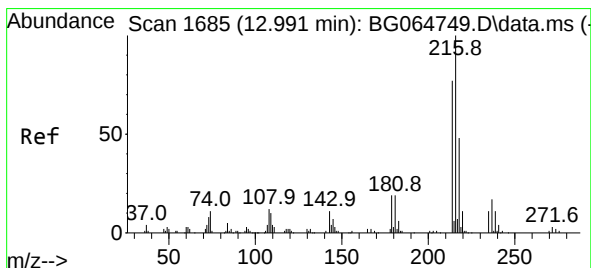
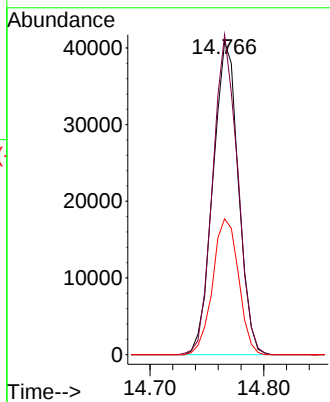
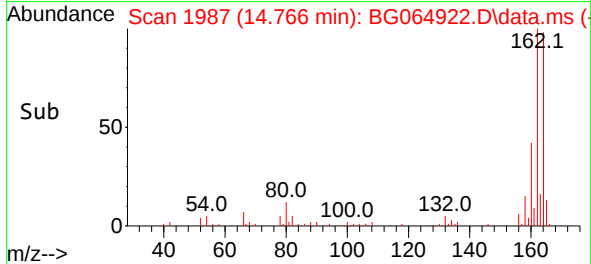
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



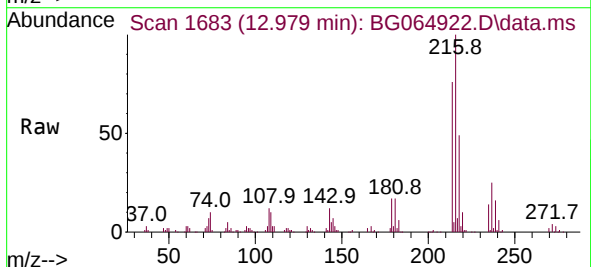
Tgt Ion:164 Resp: 63263
Ion Ratio Lower Upper
164 100
162 102.3 79.8 119.6
160 43.4 34.9 52.3

Manual Integrations
APPROVED

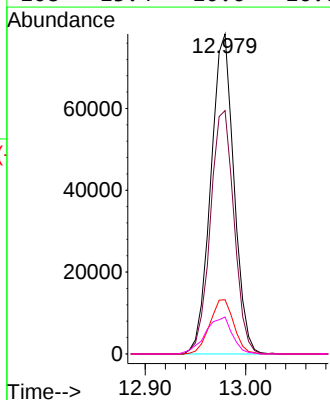
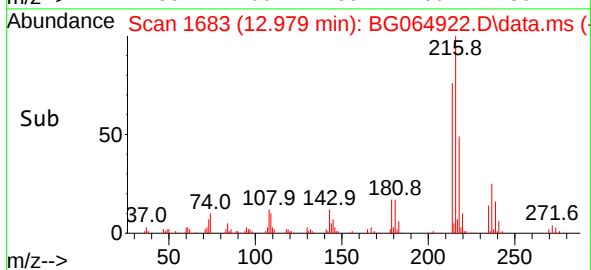
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

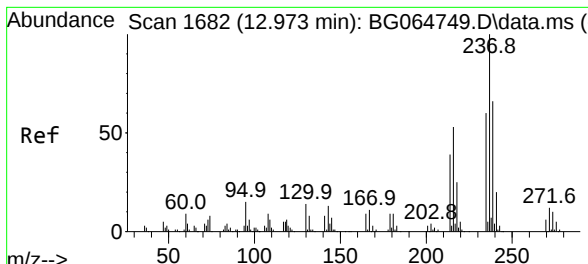


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.964 ng
RT: 12.979 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49



Tgt Ion:216 Resp: 125475
Ion Ratio Lower Upper
216 100
214 77.7 60.5 90.7
179 17.5 14.7 22.1
108 13.4 10.6 16.0





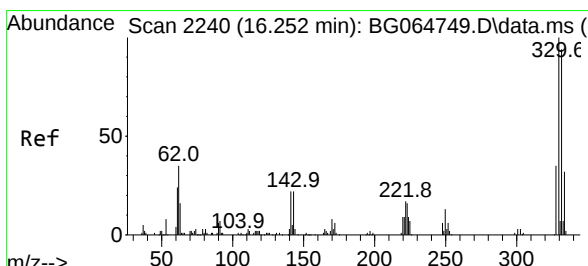
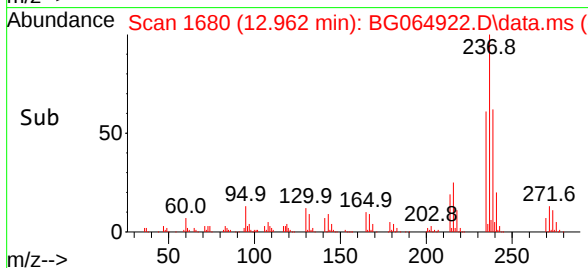
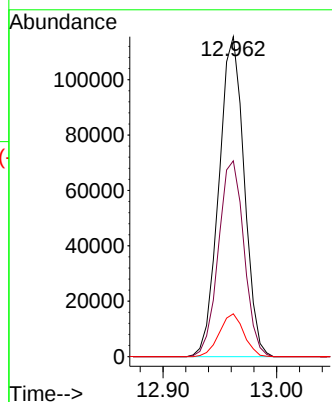
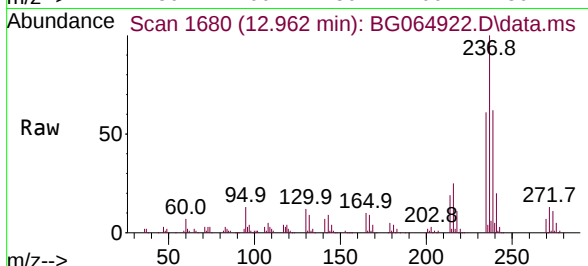
#41
 Hexachlorocyclopentadiene
 Concen: 101.056 ng
 RT: 12.962 min Scan# 1680
 Delta R.T. -0.012 min
 Lab File: BG064922.D
 Acq: 10 Dec 2025 15:49

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MSD

Tgt Ion:	237	Resp:	178335
Ion Ratio	Lower	Upper	
237	100		
235	61.2	40.2	80.2
272	13.4	0.0	31.9

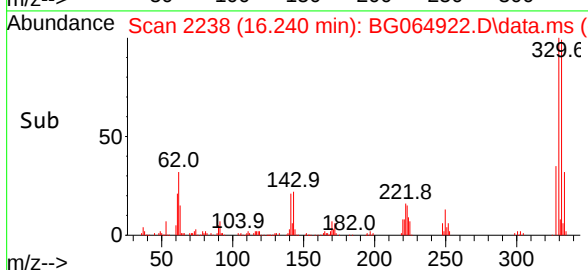
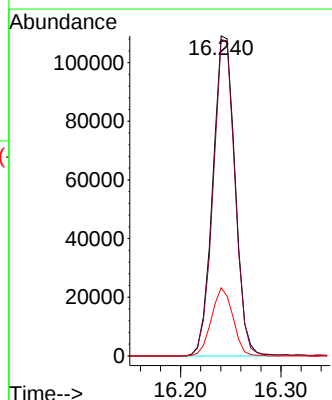
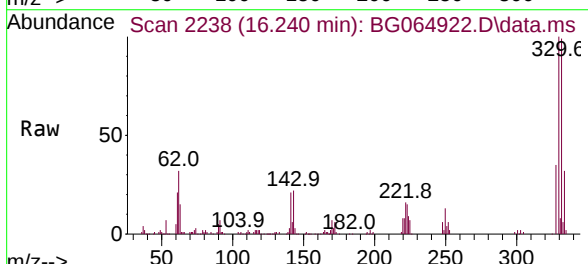
Manual Integrations
 APPROVED

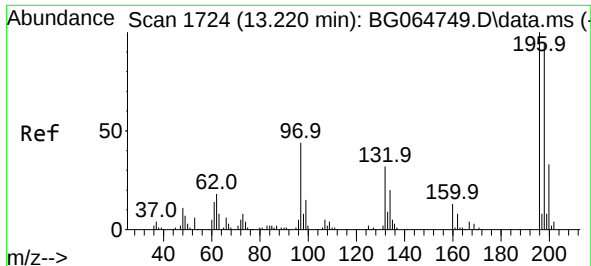
Reviewed By :Jagrut Upadhyay 12/11/2025
 Supervised By :Sohil Jodhani 12/12/2025



#42
 2,4,6-Tribromophenol
 Concen: 136.331 ng
 RT: 16.240 min Scan# 2238
 Delta R.T. -0.012 min
 Lab File: BG064922.D
 Acq: 10 Dec 2025 15:49

Tgt Ion:	330	Resp:	168209
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.0	115.6
141	20.5	18.2	27.2





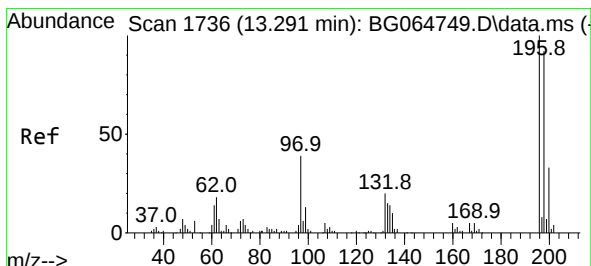
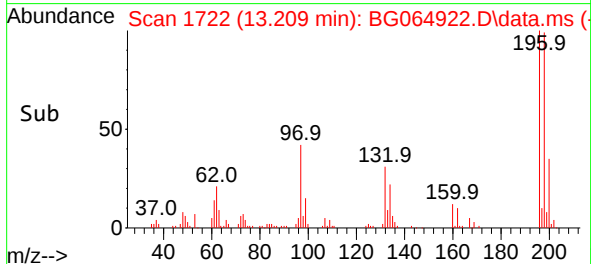
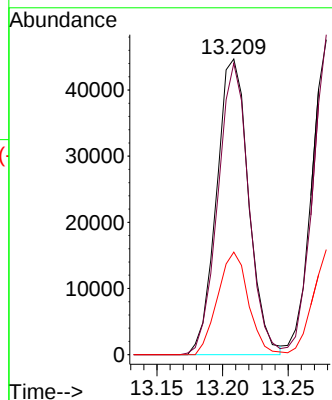
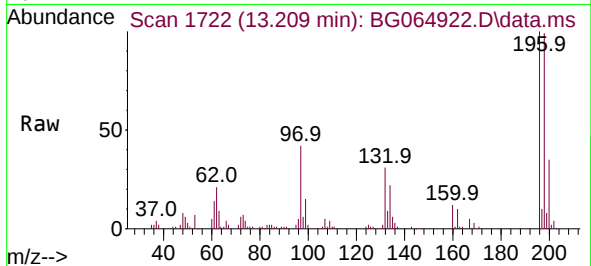
#43
2,4,6-Trichlorophenol
Concen: 52.626 ng
RT: 13.209 min Scan# 1722
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:196 Resp: 76044
Ion Ratio Lower Upper
196 100
198 98.5 75.3 112.9
200 34.7 26.2 39.2

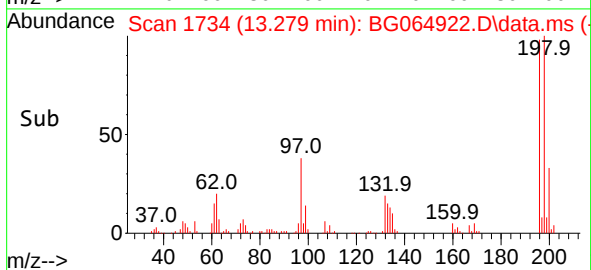
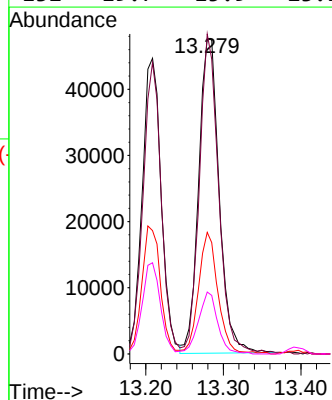
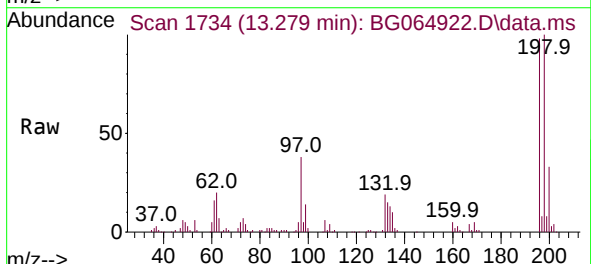
Manual Integrations
APPROVED

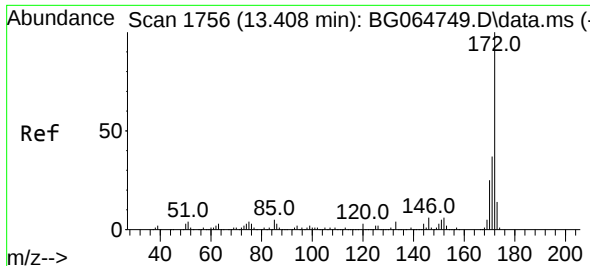
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#44
2,4,5-Trichlorophenol
Concen: 54.010 ng
RT: 13.279 min Scan# 1734
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Tgt Ion:196 Resp: 87531
Ion Ratio Lower Upper
196 100
198 101.6 73.2 109.8
97 38.6 31.4 47.0
132 19.7 15.9 23.9





#45

2-Fluorobiphenyl

Concen: 63.447 ng

RT: 13.397 min Scan# 1754

Delta R.T. -0.012 min

Lab File: BG064922.D

Acq: 10 Dec 2025 15:49

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion:172 Resp: 287662

Ion Ratio Lower Upper

172 100

171 37.6 29.9 44.9

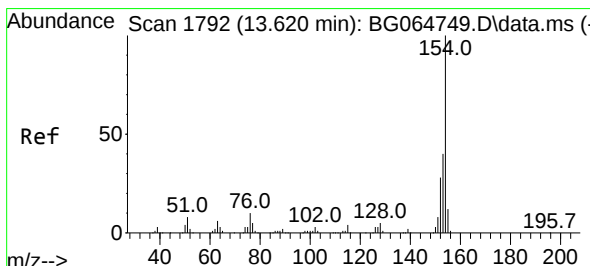
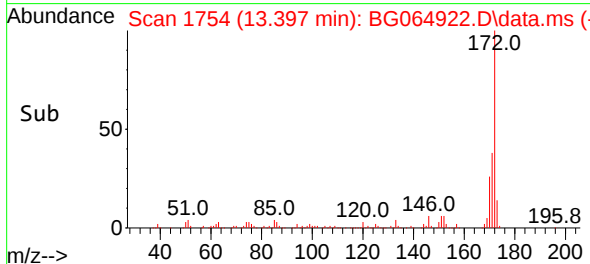
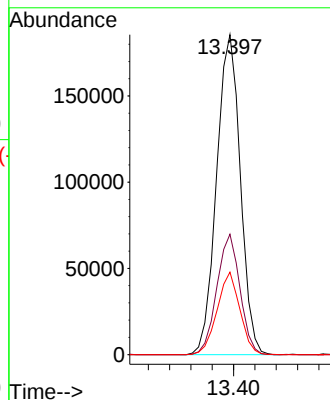
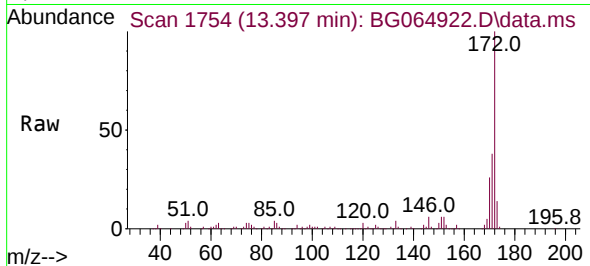
170 25.8 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/11/2025

Supervised By :Sohil Jodhani 12/12/2025



#46

1,1'-Biphenyl

Concen: 45.542 ng

RT: 13.608 min Scan# 1790

Delta R.T. -0.012 min

Lab File: BG064922.D

Acq: 10 Dec 2025 15:49

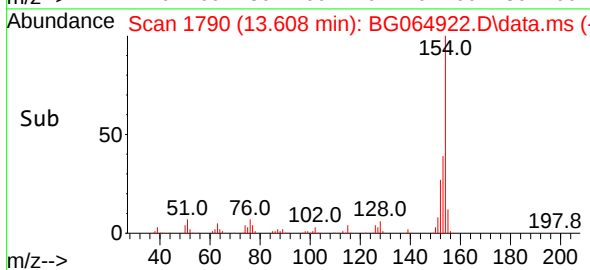
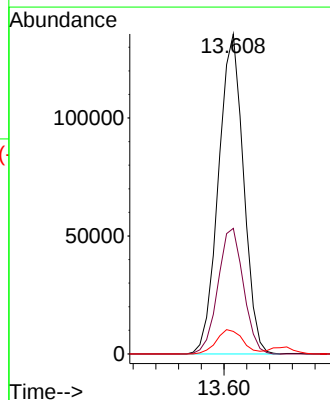
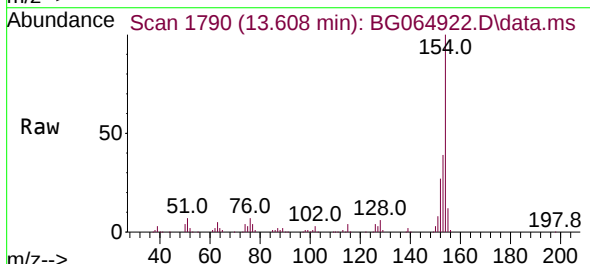
Tgt Ion:154 Resp: 206931

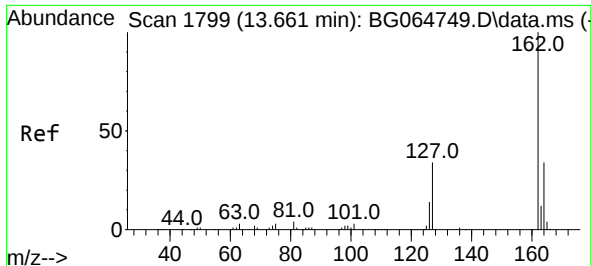
Ion Ratio Lower Upper

154 100

153 39.2 19.8 59.8

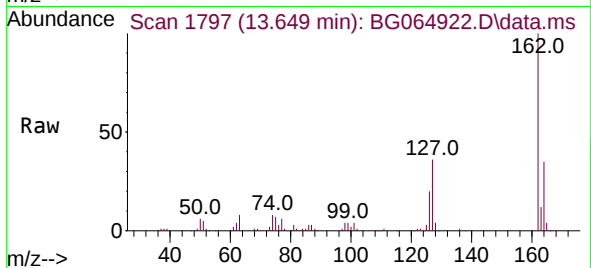
76 7.0 0.0 30.0





#47
2-Chloronaphthalene
Concen: 46.011 ng
RT: 13.649 min Scan# 1797
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

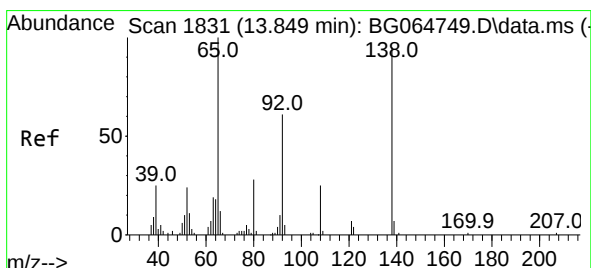
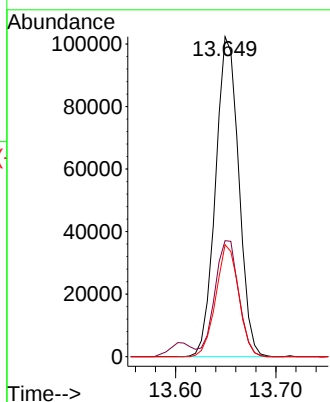
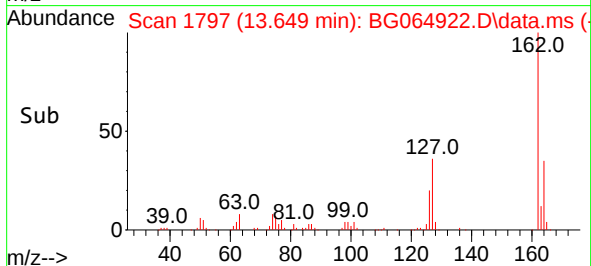
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:162 Resp: 16470
Ion Ratio Lower Upper
162 100
127 36.2 30.3 45.5
164 35.0 26.8 40.2

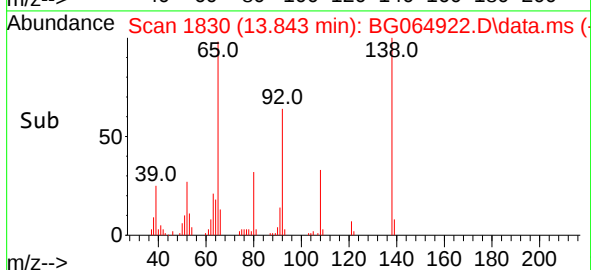
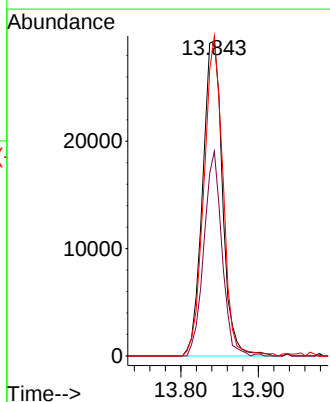
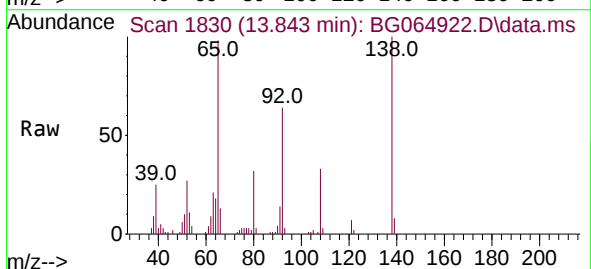
Manual Integrations
APPROVED

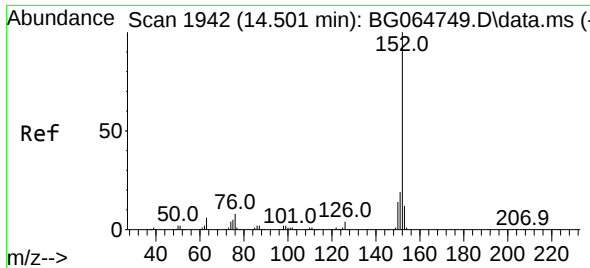
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#48
2-Nitroaniline
Concen: 45.322 ng
RT: 13.843 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

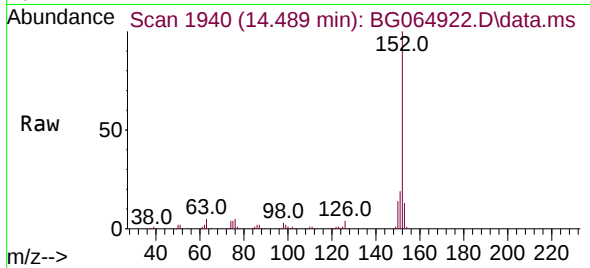
Tgt Ion: 65 Resp: 52183
Ion Ratio Lower Upper
65 100
92 65.0 48.6 73.0
138 101.6 76.4 114.6





#49
Acenaphthylene
Concen: 47.222 ng
RT: 14.489 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

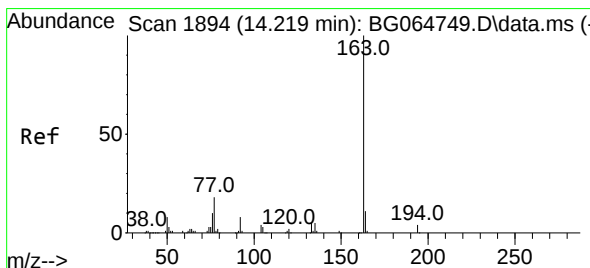
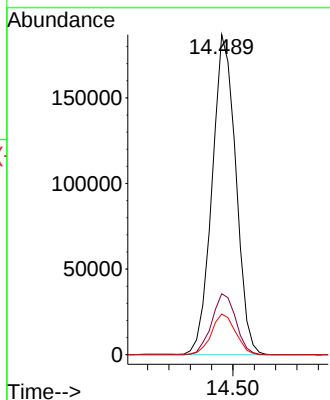
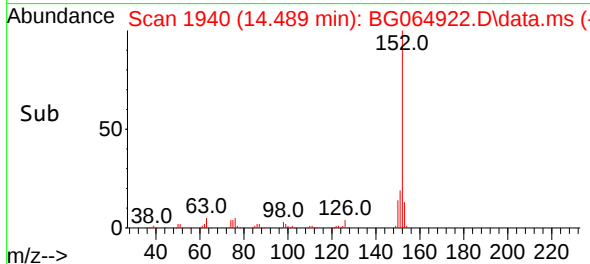
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



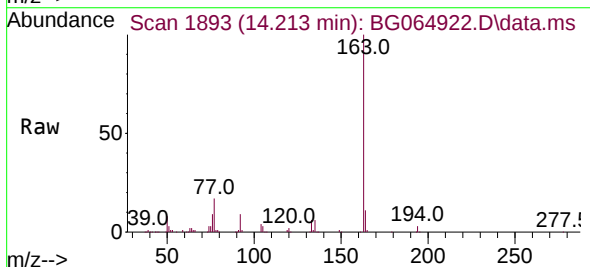
Tgt Ion:152 Resp: 288793
Ion Ratio Lower Upper
152 100
151 19.0 15.0 22.4
153 12.7 9.9 14.9

Manual Integrations
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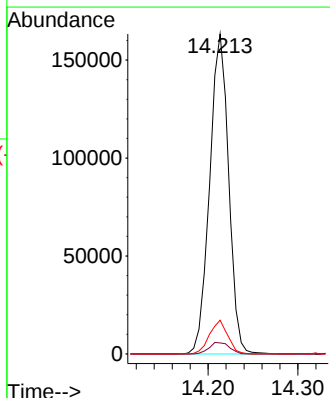
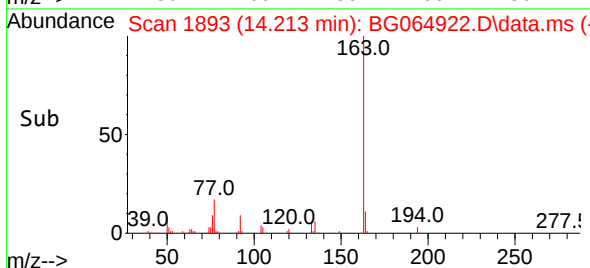
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

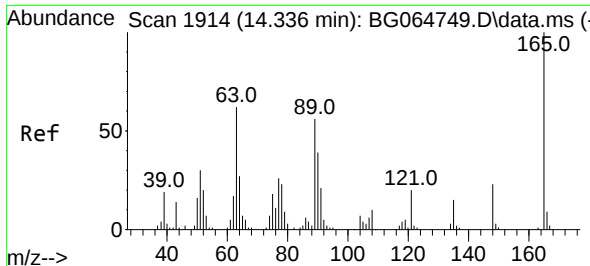


#50
Dimethylphthalate
Concen: 47.975 ng
RT: 14.213 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49



Tgt Ion:163 Resp: 239750
Ion Ratio Lower Upper
163 100
194 3.4 3.1 4.7
164 10.5 8.6 12.8





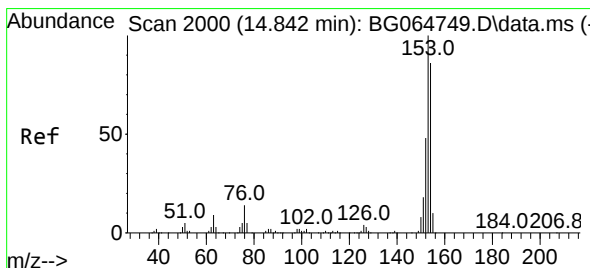
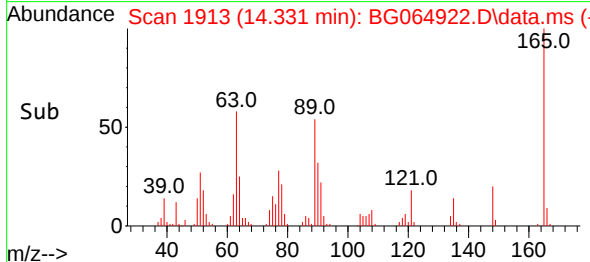
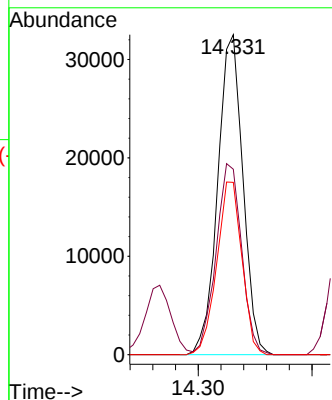
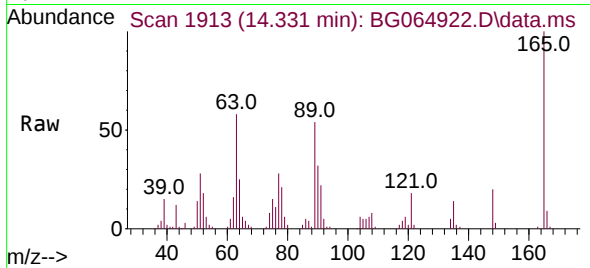
#51
2,6-Dinitrotoluene
Concen: 52.001 ng
RT: 14.331 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:165 Resp: 50005
Ion Ratio Lower Upper
165 100
63 57.9 49.8 74.8
89 53.8 45.0 67.4

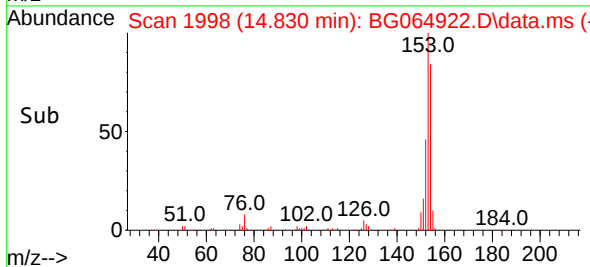
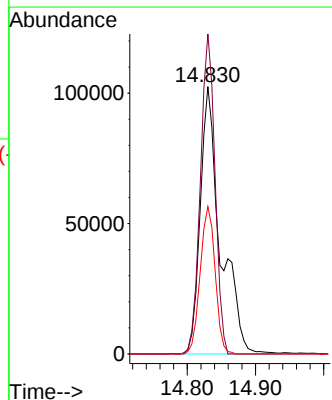
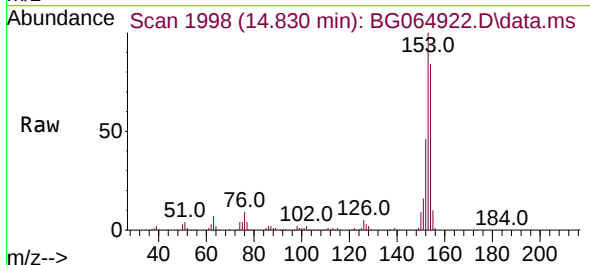
Manual Integrations
APPROVED

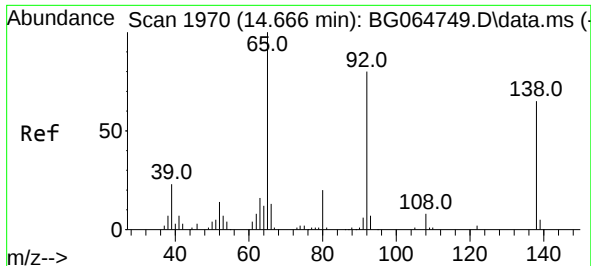
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#52
Acenaphthene
Concen: 57.665 ng
RT: 14.830 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

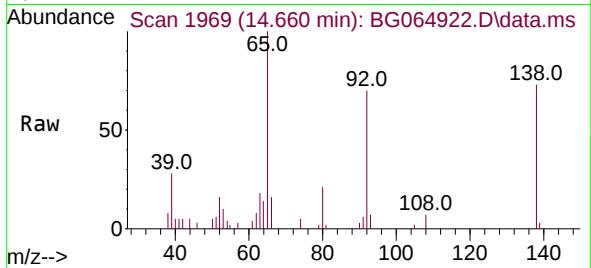
Tgt Ion:154 Resp: 211447
Ion Ratio Lower Upper
154 100
153 119.7 93.0 139.4
152 55.1 44.4 66.6





#53
3-Nitroaniline
Concen: 10.131 ng
RT: 14.660 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

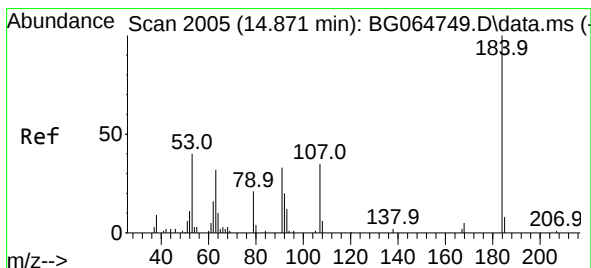
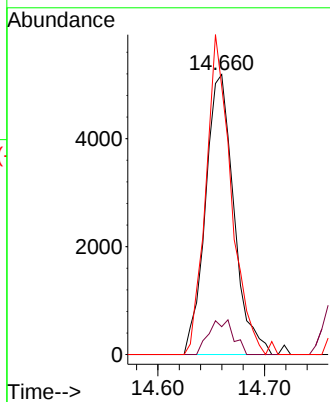
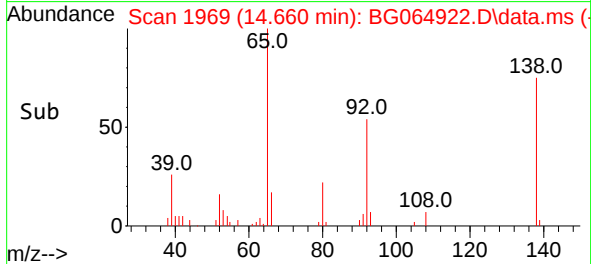
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



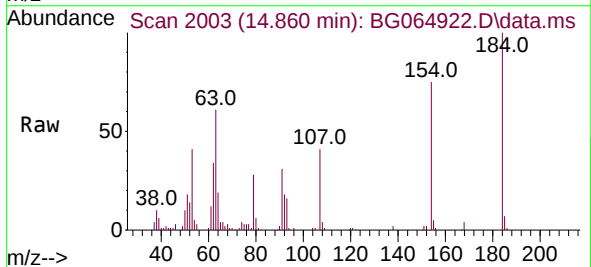
Tgt Ion:138 Resp: 9615
Ion Ratio Lower Upper
138 100
108 10.0 9.5 14.3
92 95.7 99.0 148.4

Manual Integrations
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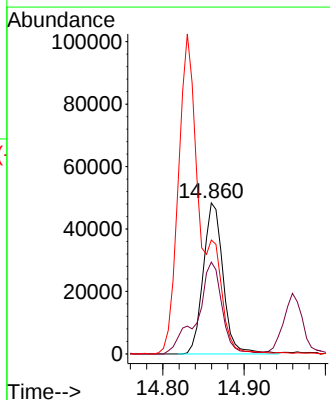
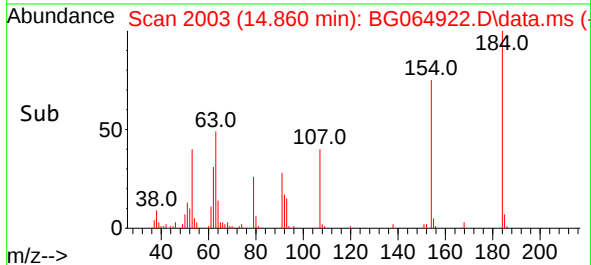
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

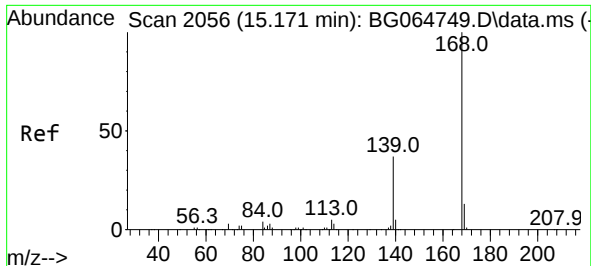


#54
2,4-Dinitrophenol
Concen: 119.848 ng
RT: 14.860 min Scan# 2003
Delta R.T. -0.011 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49



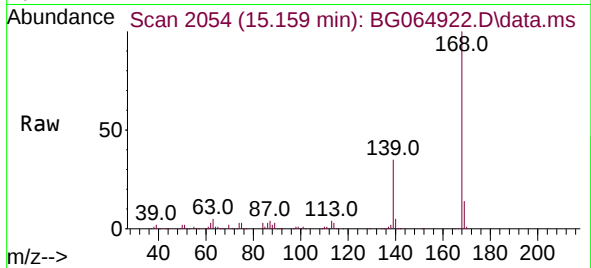
Tgt Ion:184 Resp: 82100
Ion Ratio Lower Upper
184 100
63 60.8 45.8 68.6
154 75.4 52.6 78.8





#55
Dibenzofuran
Concen: 47.403 ng
RT: 15.159 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

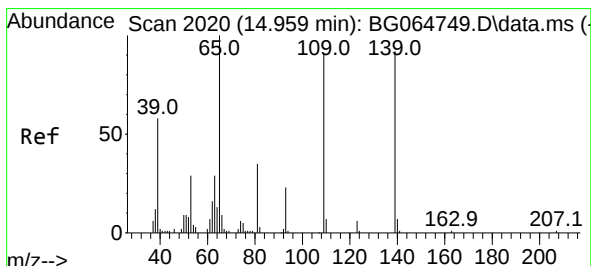
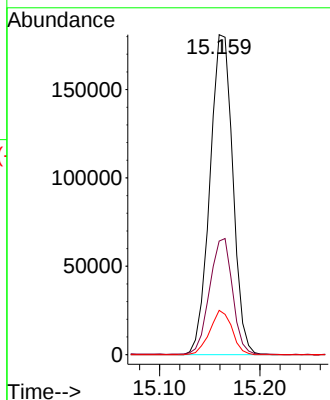
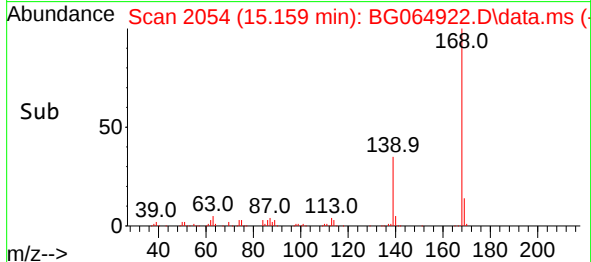
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:168 Resp: 287363
Ion Ratio Lower Upper
168 100
139 35.5 29.5 44.3
169 13.8 10.4 15.6

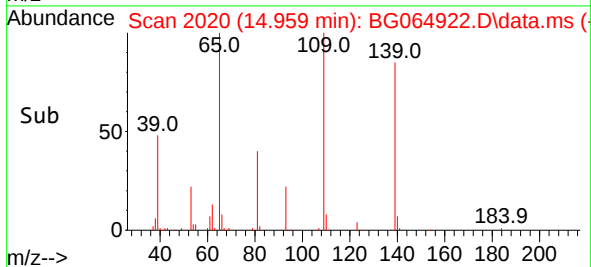
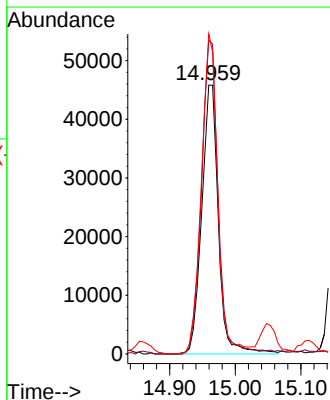
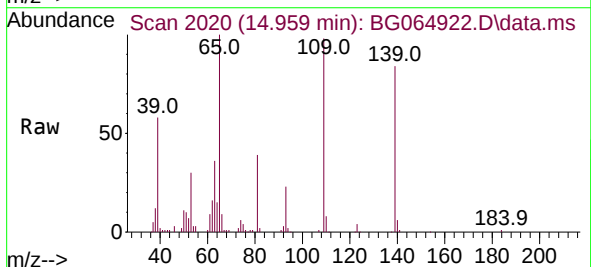
Manual Integrations
APPROVED

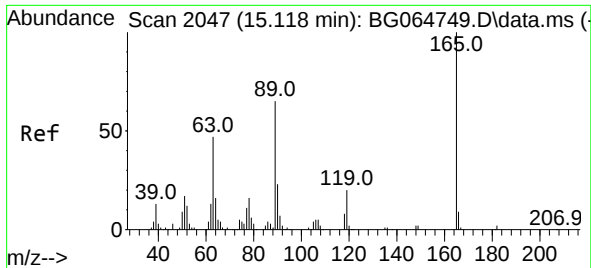
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#56
4-Nitrophenol
Concen: 106.991 ng
RT: 14.959 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

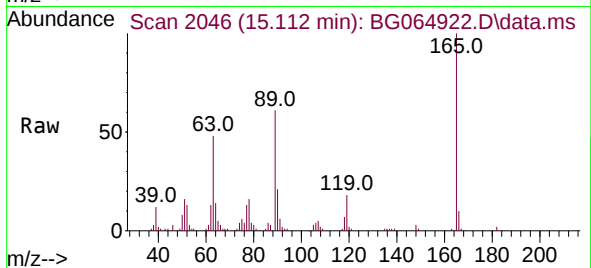
Tgt Ion:139 Resp: 80566
Ion Ratio Lower Upper
139 100
109 116.7 79.7 119.7
65 119.1 89.9 129.9





#57
2,4-Dinitrotoluene
Concen: 53.491 ng
RT: 15.112 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

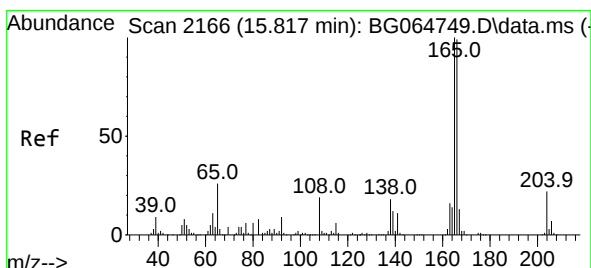
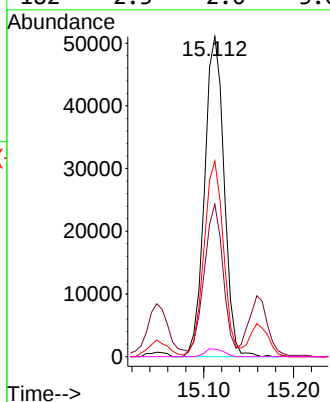
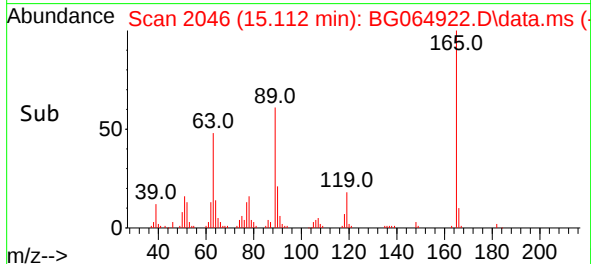
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



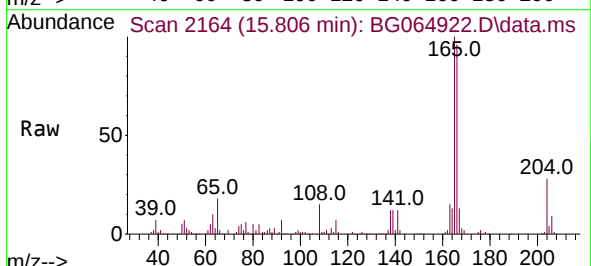
Tgt Ion:165 Resp: 77115
Ion Ratio Lower Upper
165 100
63 47.6 37.8 56.6
89 61.1 51.6 77.4
182 2.3 2.0 3.0

Manual Integrations
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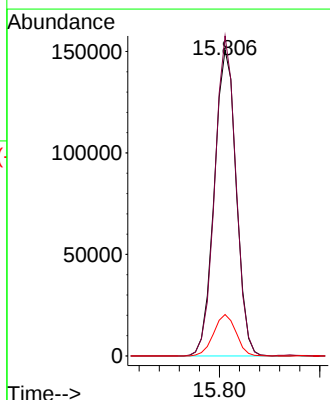
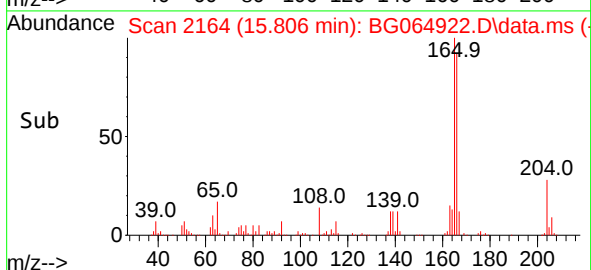
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

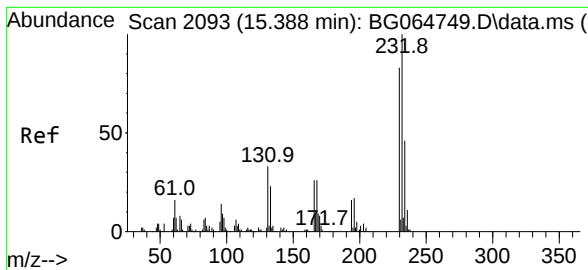


#58
Fluorene
Concen: 48.180 ng
RT: 15.806 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49



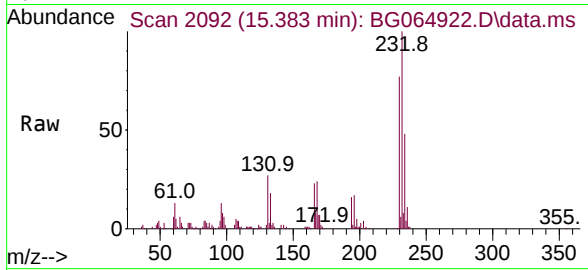
Tgt Ion:166 Resp: 229075
Ion Ratio Lower Upper
166 100
165 104.6 80.5 120.7
167 13.5 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.324 ng
RT: 15.383 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

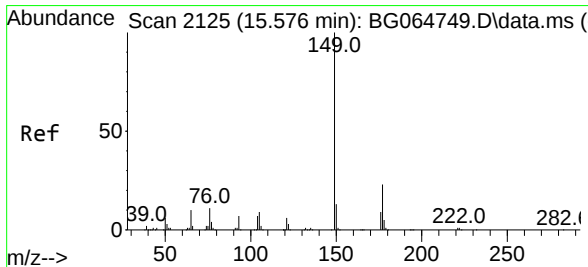
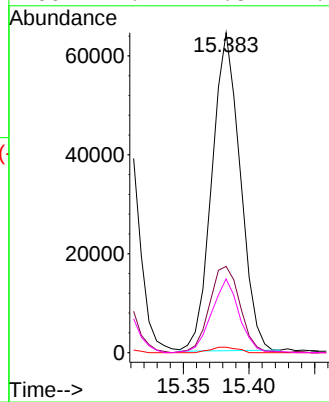
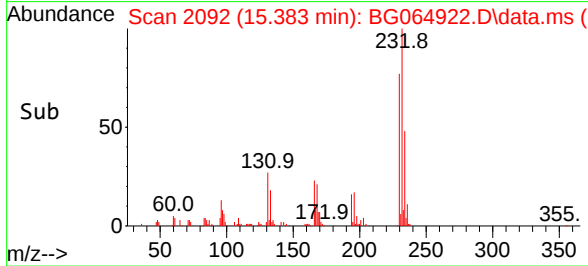
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



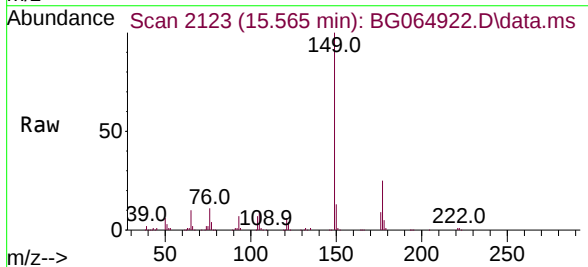
Tgt Ion:232 Resp: 96459
Ion Ratio Lower Upper
232 100
131 29.3 26.0 39.0
130 1.7 1.6 2.4
166 22.7 19.8 29.6

Manual Integrations
APPROVED

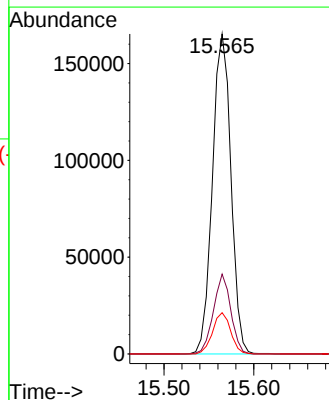
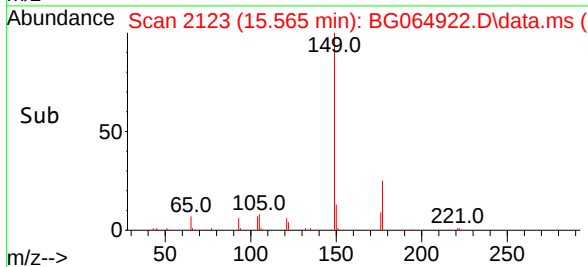
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

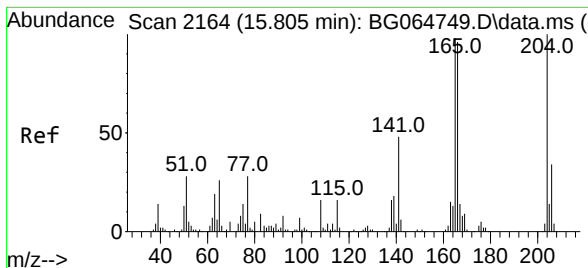


#60
Diethylphthalate
Concen: 49.538 ng
RT: 15.565 min Scan# 2123
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49



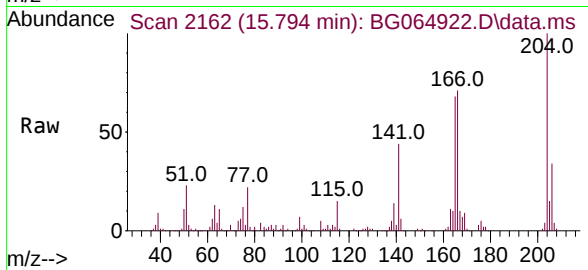
Tgt Ion:149 Resp: 237152
Ion Ratio Lower Upper
149 100
177 24.9 18.4 27.6
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 51.754 ng
RT: 15.794 min Scan# 2162
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

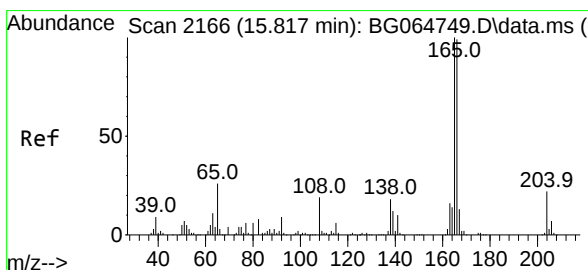
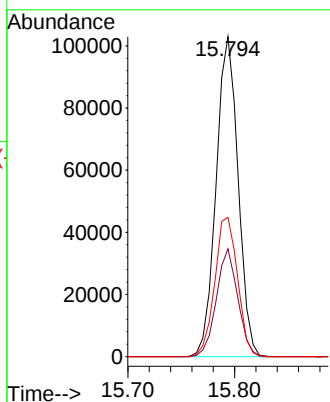
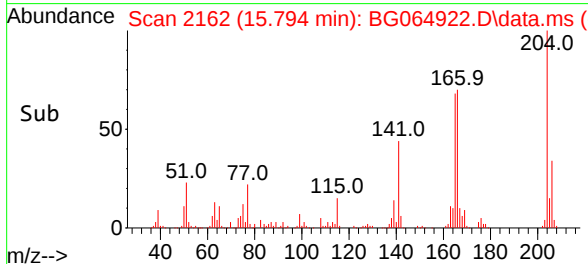
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



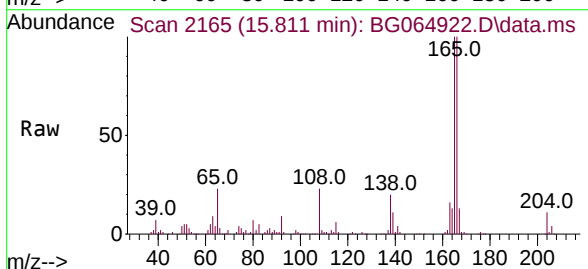
Tgt Ion:204 Resp: 147674
Ion Ratio Lower Upper
204 100
206 33.7 26.9 40.3
141 43.5 38.1 57.1

Manual Integrations
APPROVED

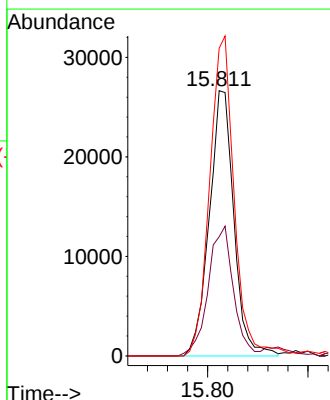
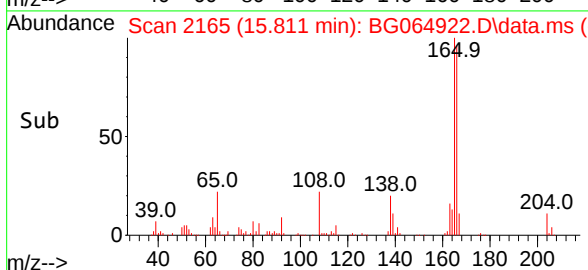
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

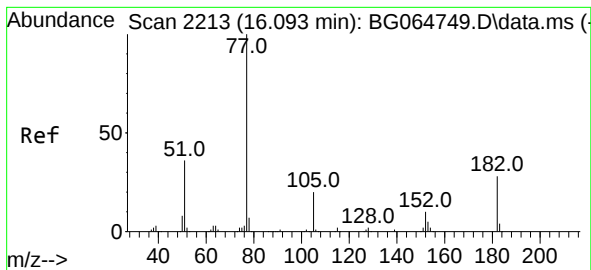


#62
4-Nitroaniline
Concen: 46.149 ng
RT: 15.811 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49



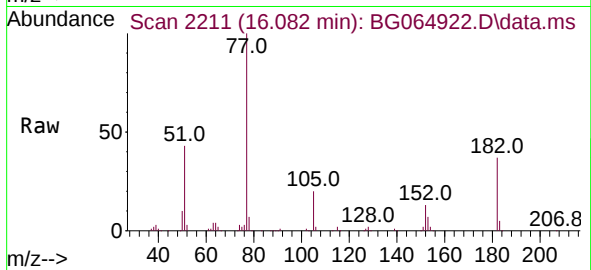
Tgt Ion:138 Resp: 45375
Ion Ratio Lower Upper
138 100
92 44.9 30.7 70.7
108 116.0 85.7 125.7





#63
Azobenzene
Concen: 47.411 ng
RT: 16.082 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

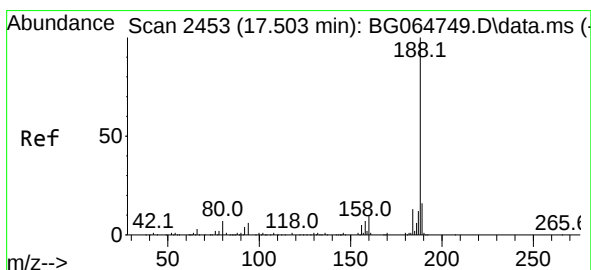
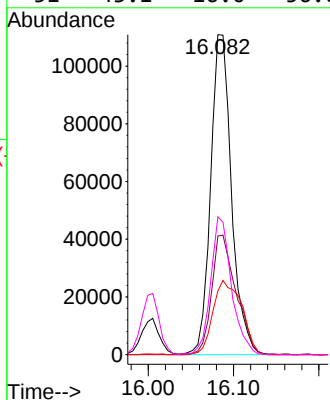
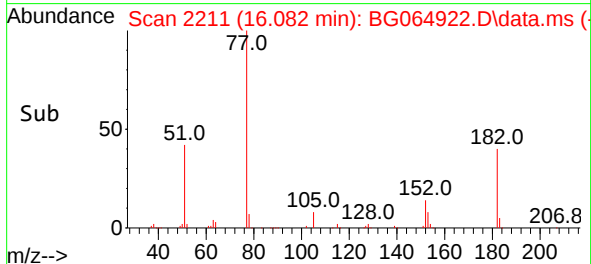
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



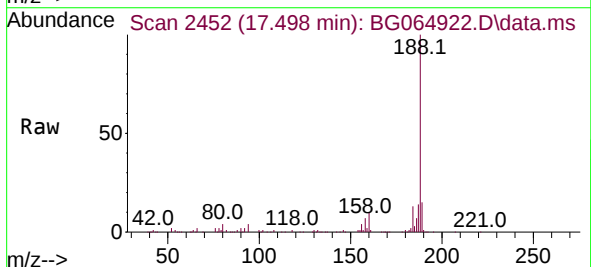
Tgt Ion: 77 Resp: 188785
Ion Ratio Lower Upper
77 100
182 37.1 8.1 48.1
105 19.9 0.1 40.1
51 43.1 16.0 56.0

Manual Integrations
APPROVED

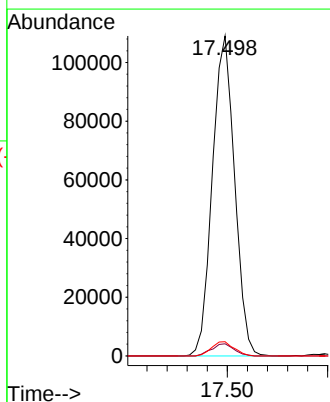
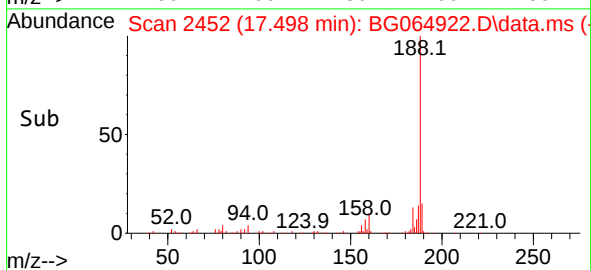
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

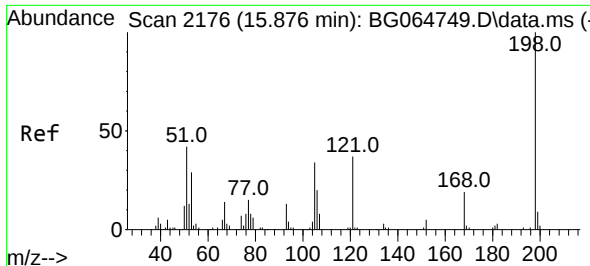


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49



Tgt Ion:188 Resp: 168054
Ion Ratio Lower Upper
188 100
94 3.8 4.7 7.1#
80 4.4 5.4 8.2#





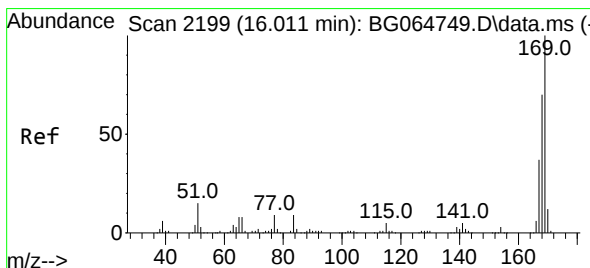
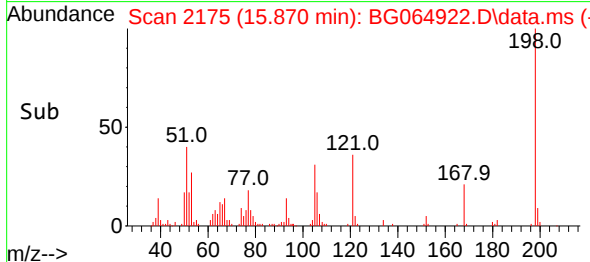
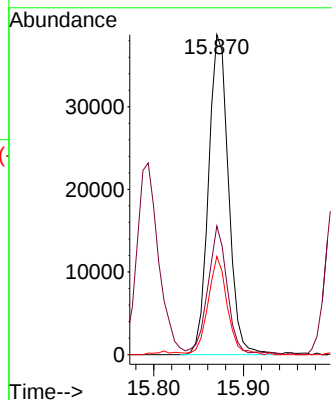
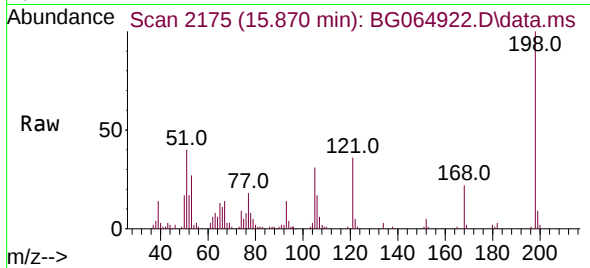
#65
4,6-Dinitro-2-methylphenol
Concen: 64.366 ng
RT: 15.870 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:198 Resp: 60058
Ion Ratio Lower Upper
198 100
51 40.2 25.2 65.2
105 30.7 14.2 54.2

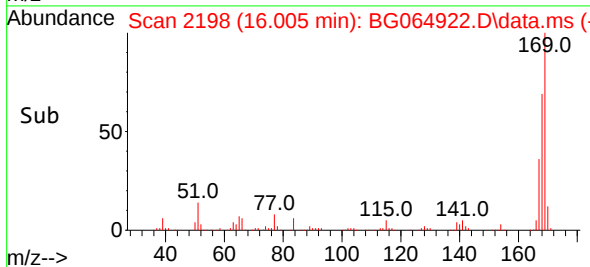
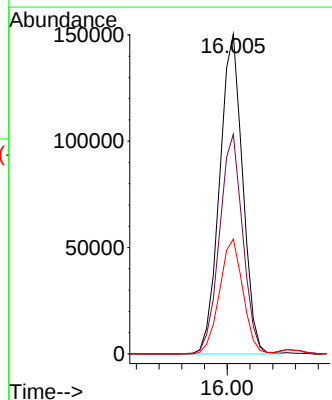
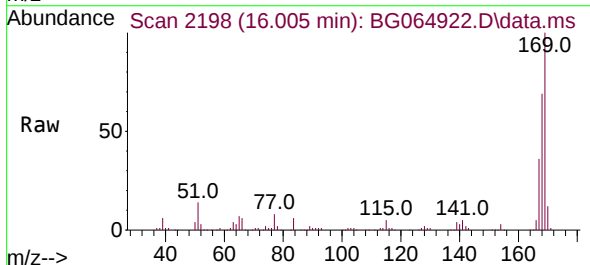
Manual Integrations
APPROVED

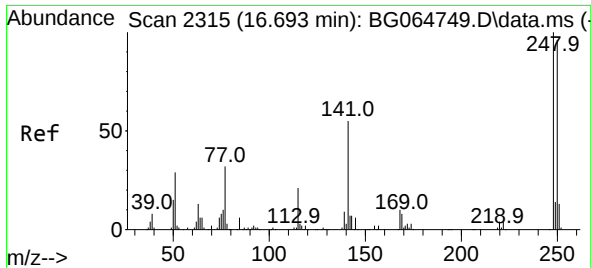
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#66
n-Nitrosodiphenylamine
Concen: 47.852 ng
RT: 16.005 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

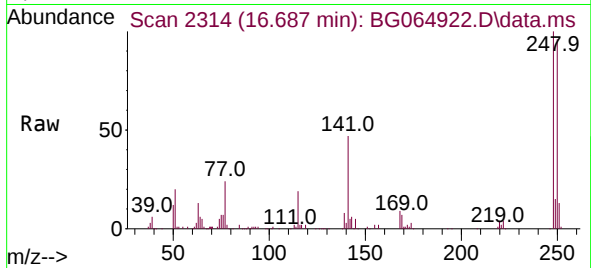
Tgt Ion:169 Resp: 210641
Ion Ratio Lower Upper
169 100
168 68.6 55.9 83.9
167 35.9 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 53.700 ng
RT: 16.687 min Scan# 2314
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

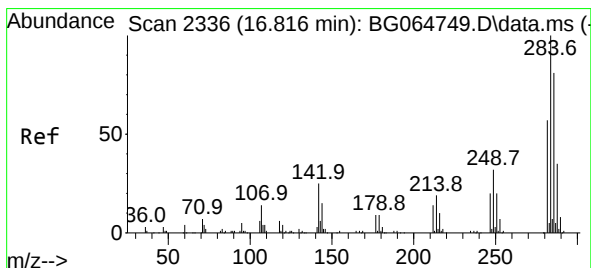
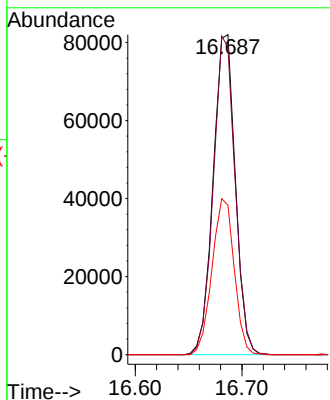
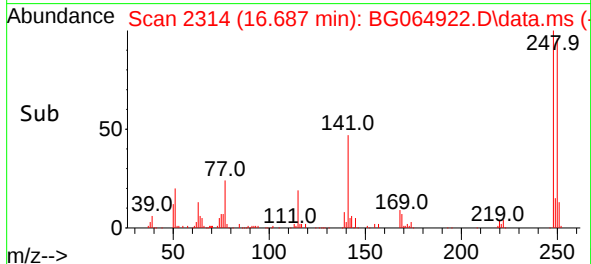
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



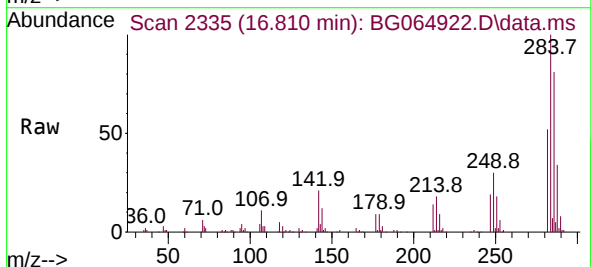
Tgt Ion:248 Resp: 118511
Ion Ratio Lower Upper
248 100
250 96.0 77.0 115.6
141 46.7 43.7 65.5

Manual Integrations
APPROVED

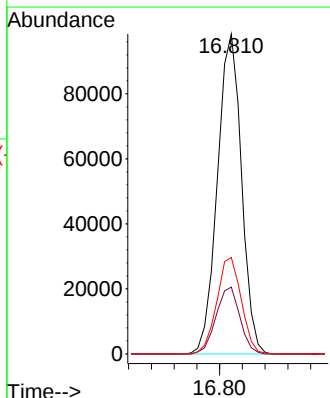
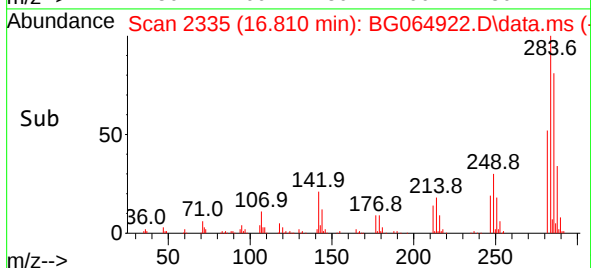
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

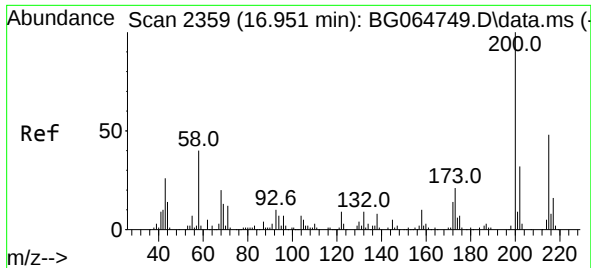


#68
Hexachlorobenzene
Concen: 54.019 ng
RT: 16.810 min Scan# 2335
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49



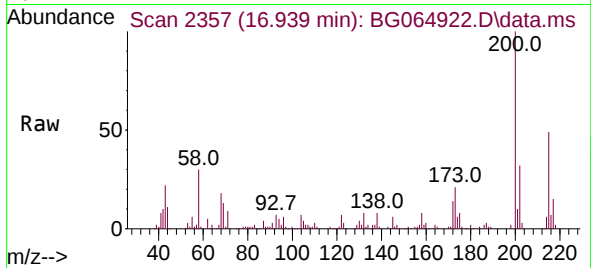
Tgt Ion:284 Resp: 144437
Ion Ratio Lower Upper
284 100
142 20.9 19.7 29.5
249 30.1 28.1 42.1





#69
 Atrazine
 Concen: 51.974 ng
 RT: 16.939 min Scan# 2357
 Delta R.T. -0.012 min
 Lab File: BG064922.D
 Acq: 10 Dec 2025 15:49

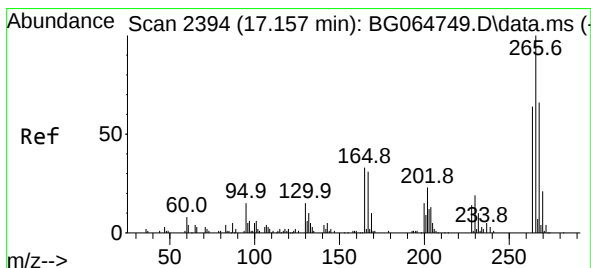
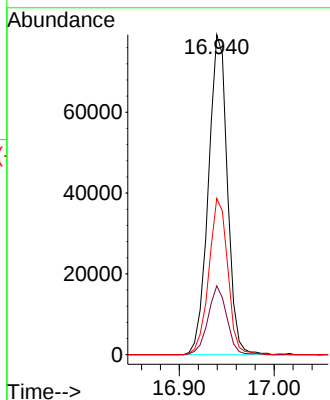
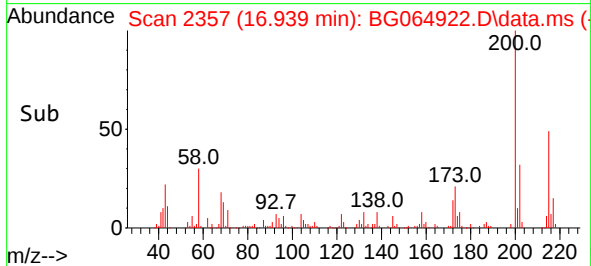
Instrument :
 BNA_G
 ClientSampleId :
 TP-5MSD



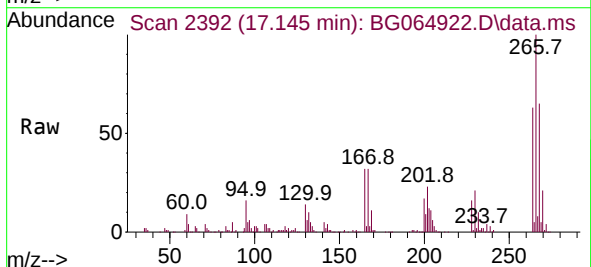
Tgt Ion:200 Resp: 110304
 Ion Ratio Lower Upper
 200 100
 173 21.5 0.9 40.9
 215 48.8 27.5 67.5

Manual Integrations
 APPROVED

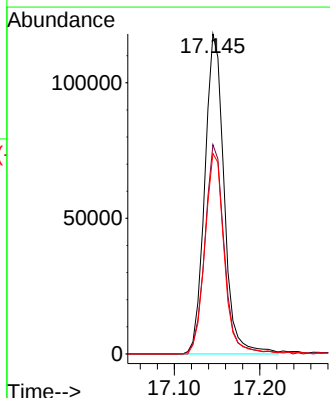
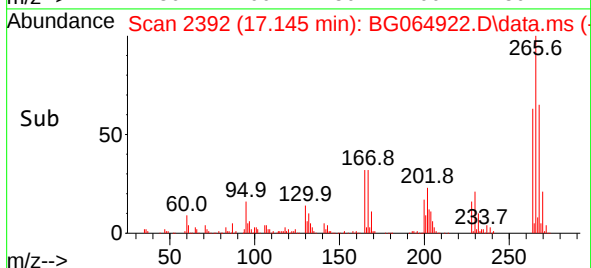
Reviewed By :Jagrut Upadhyay 12/11/2025
 Supervised By :Sohil Jodhani 12/12/2025

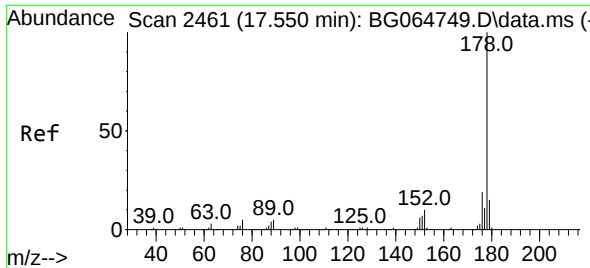


#70
 Pentachlorophenol
 Concen: 114.181 ng
 RT: 17.145 min Scan# 2392
 Delta R.T. -0.012 min
 Lab File: BG064922.D
 Acq: 10 Dec 2025 15:49



Tgt Ion:266 Resp: 185163
 Ion Ratio Lower Upper
 266 100
 268 70.5 56.1 84.1
 264 67.8 51.2 76.8





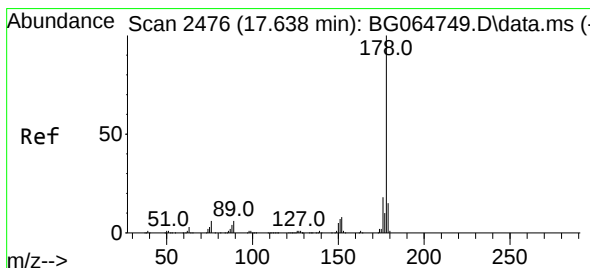
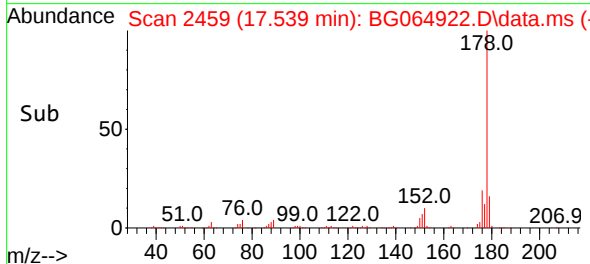
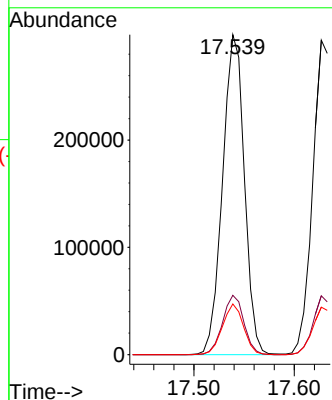
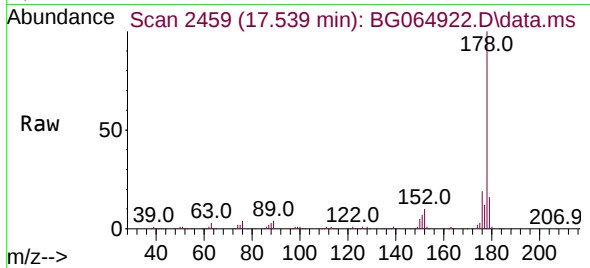
#71
Phenanthrene
Concen: 49.039 ng
RT: 17.539 min Scan# 2461
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:178 Resp: 450903
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.8 12.2 18.4

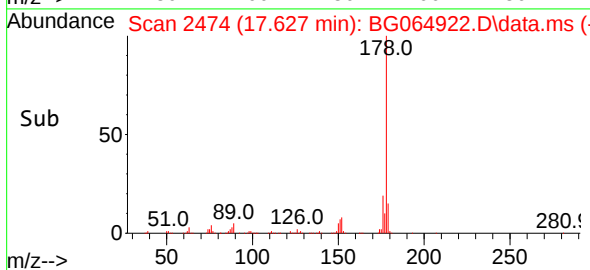
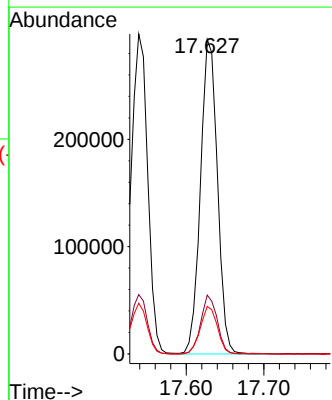
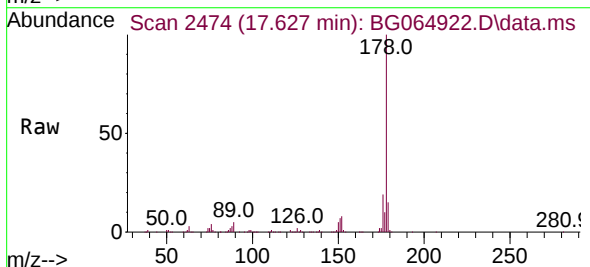
Manual Integrations
APPROVED

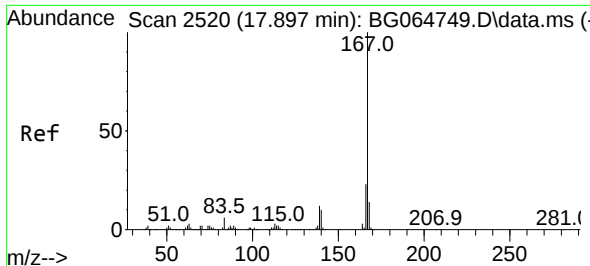
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#72
Anthracene
Concen: 47.474 ng
RT: 17.627 min Scan# 2474
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

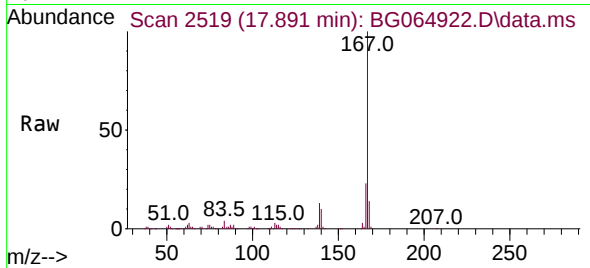
Tgt Ion:178 Resp: 445106
Ion Ratio Lower Upper
178 100
176 18.7 14.5 21.7
179 15.1 12.2 18.4





#73
Carbazole
Concen: 46.985 ng
RT: 17.891 min Scan# 2519
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

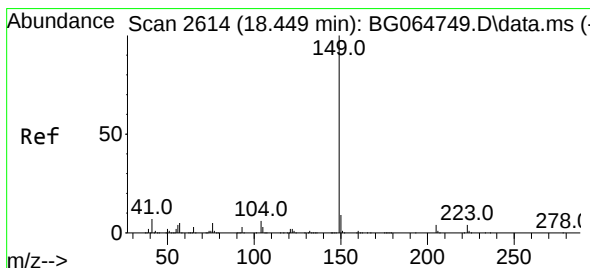
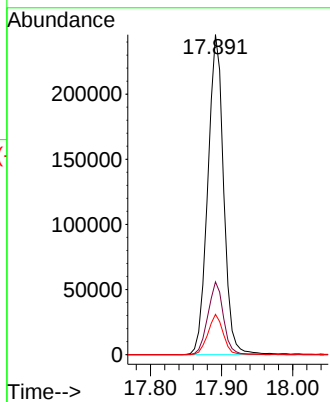
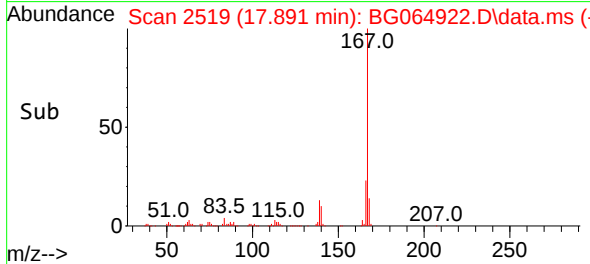
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



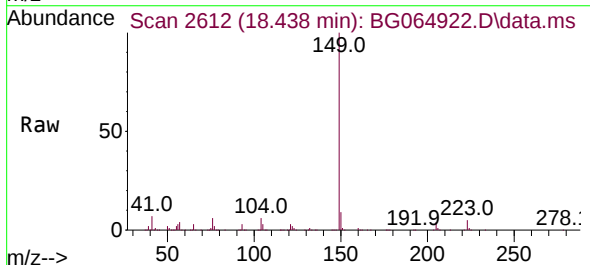
Tgt Ion:167 Resp: 378696
Ion Ratio Lower Upper
167 100
166 22.7 18.0 27.0
139 12.6 9.7 14.5

Manual Integrations
APPROVED

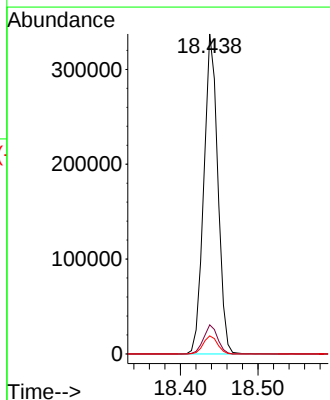
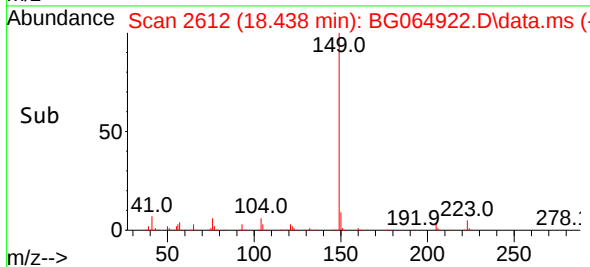
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

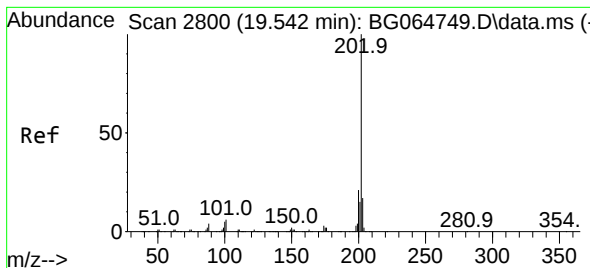


#74
Di-n-butylphthalate
Concen: 46.890 ng
RT: 18.438 min Scan# 2612
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49



Tgt Ion:149 Resp: 421640
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 5.6 4.4 6.6





#75

Fluoranthene

Concen: 50.618 ng

RT: 19.536 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064922.D

Acq: 10 Dec 2025 15:49

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion:202 Resp: 636439

Ion Ratio Lower Upper

202 100

101 4.0 0.0 26.4

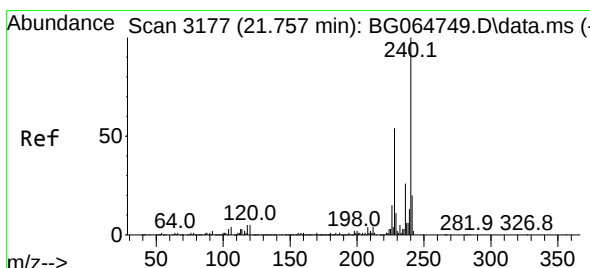
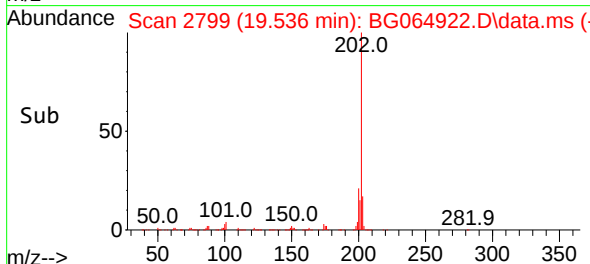
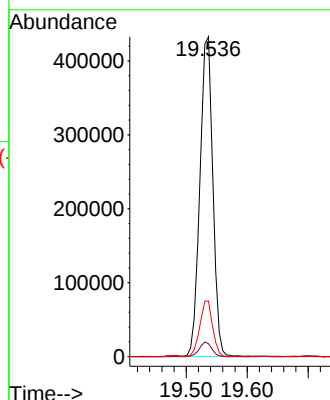
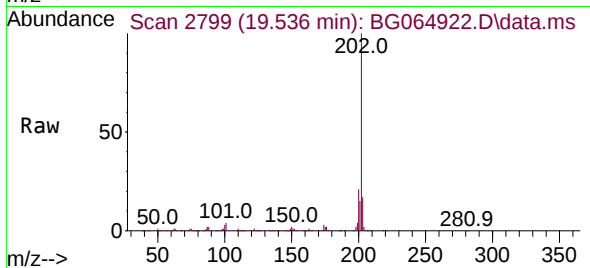
203 17.4 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/11/2025

Supervised By :Sohil Jodhani 12/12/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.752 min Scan# 3176

Delta R.T. -0.006 min

Lab File: BG064922.D

Acq: 10 Dec 2025 15:49

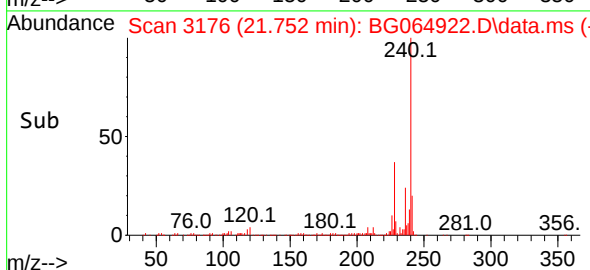
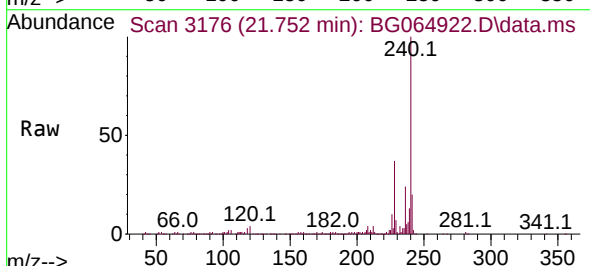
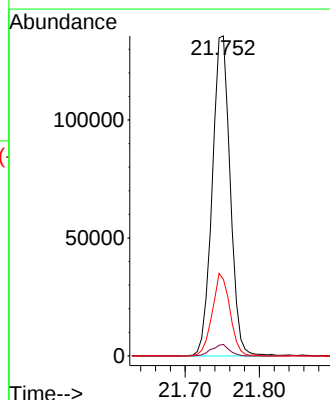
Tgt Ion:240 Resp: 228052

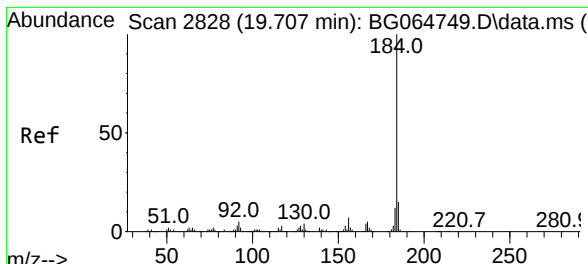
Ion Ratio Lower Upper

240 100

120 3.6 4.2 6.4#

236 23.9 20.8 31.2





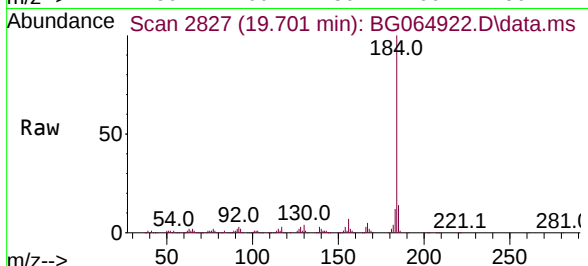
#77
Benzidine
Concen: 36.942 ng
RT: 19.701 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

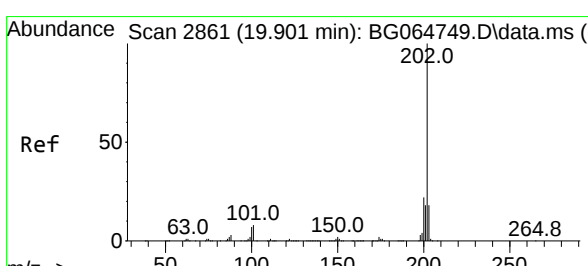
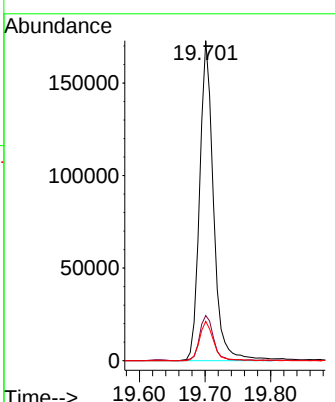
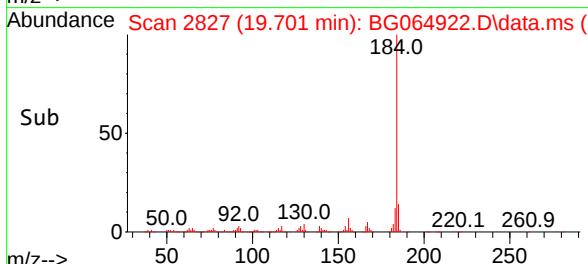


Tgt Ion:184 Resp: 252308

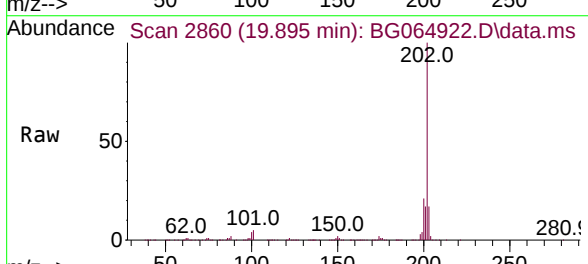
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.8	17.6
183	12.3	9.8	14.6

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

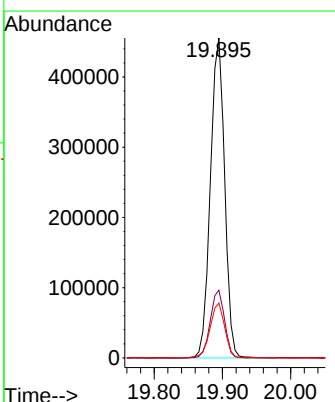
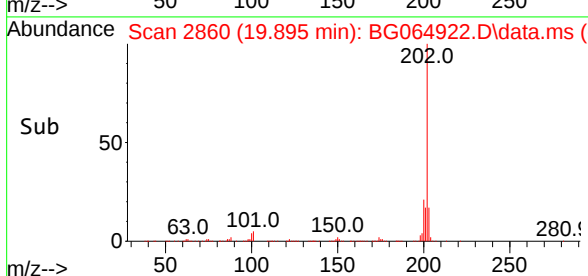


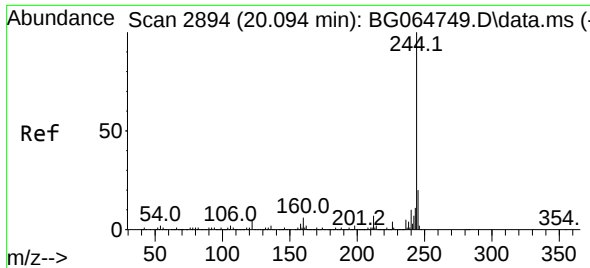
#78
Pyrene
Concen: 51.385 ng
RT: 19.895 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49



Tgt Ion:202 Resp: 656770

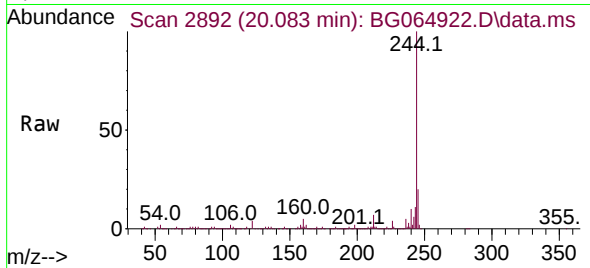
Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.9	26.9
203	17.1	14.0	21.0





#79
 Terphenyl-d14
 Concen: 68.150 ng
 RT: 20.083 min Scan# 2894
 Delta R.T. -0.012 min
 Lab File: BG064922.D
 Acq: 10 Dec 2025 15:49

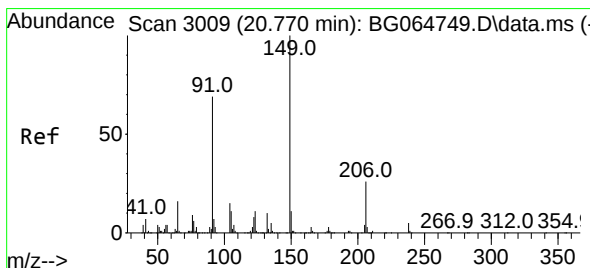
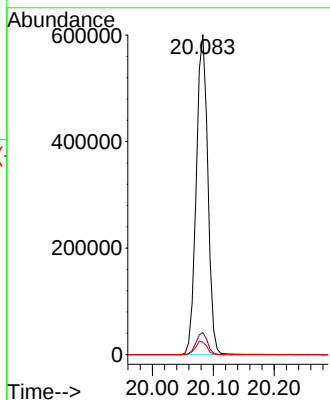
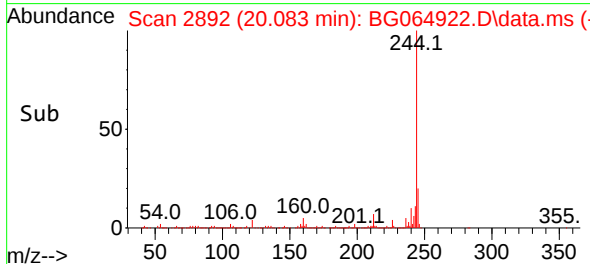
Instrument :
 BNA_G
 ClientSampleId :
 TP-5MSD



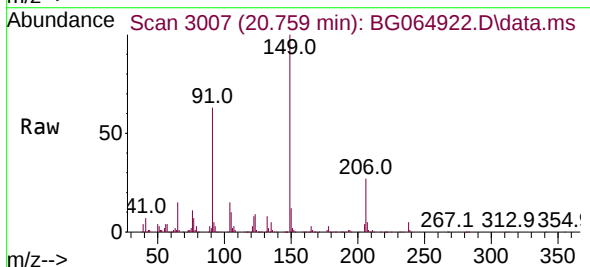
Tgt Ion:244 Resp: 790091
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 3.9 4.3 6.5

Manual Integrations
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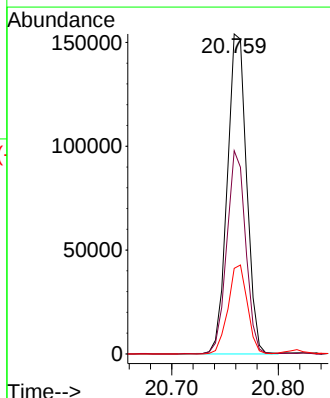
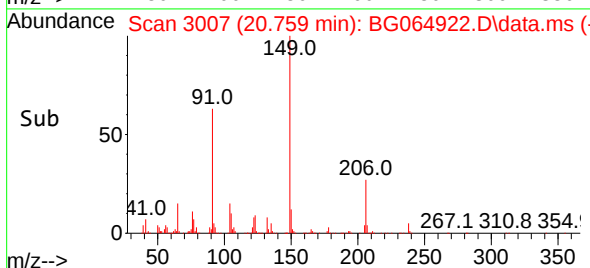
Reviewed By :Jagrut Upadhyay 12/11/2025
 Supervised By :Sohil Jodhani 12/12/2025

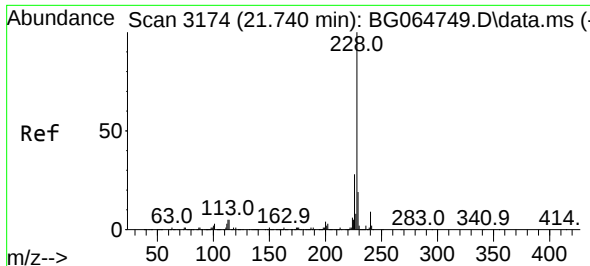


#80
 Butylbenzylphthalate
 Concen: 43.198 ng
 RT: 20.759 min Scan# 3007
 Delta R.T. -0.012 min
 Lab File: BG064922.D
 Acq: 10 Dec 2025 15:49



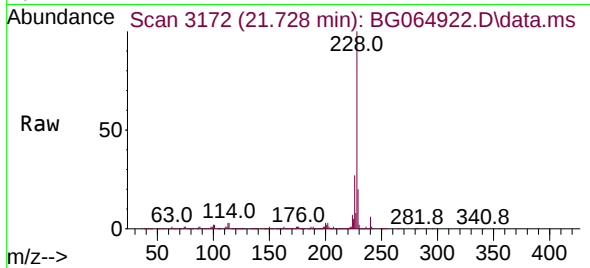
Tgt Ion:149 Resp: 194202
 Ion Ratio Lower Upper
 149 100
 91 63.5 54.9 82.3
 206 26.7 21.2 31.8





#81
Benzo(a)anthracene
Concen: 48.072 ng
RT: 21.728 min Scan# 3172
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

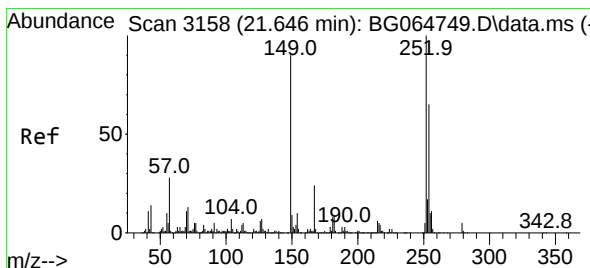
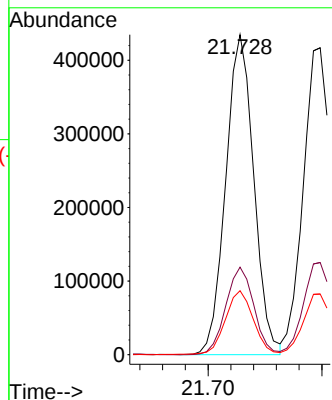
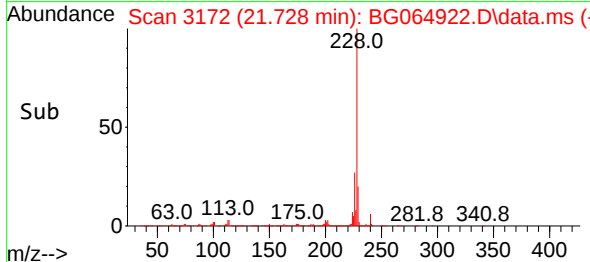
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:228 Resp: 745434
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 20.0 15.5 23.3

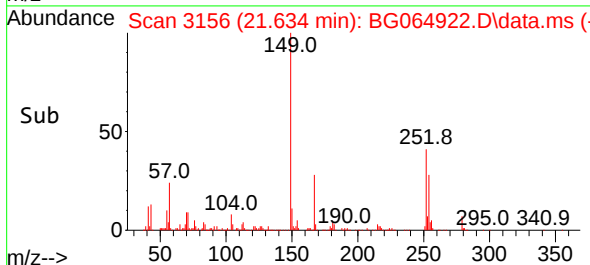
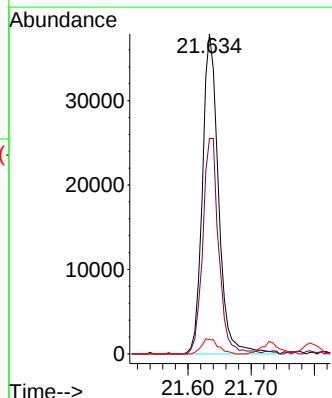
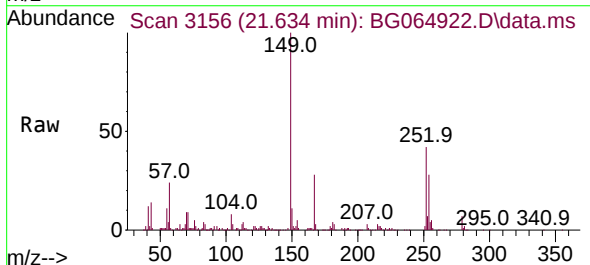
Manual Integrations
APPROVED

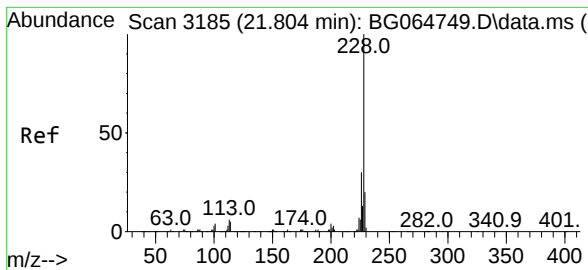
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 11.718 ng
RT: 21.634 min Scan# 3156
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Tgt Ion:252 Resp: 66881
Ion Ratio Lower Upper
252 100
254 67.3 51.8 77.8
126 4.4 4.7 7.1#





#83

Chrysene

Concen: 48.233 ng

RT: 21.799 min Scan# 3185

Delta R.T. -0.006 min

Lab File: BG064922.D

Acq: 10 Dec 2025 15:49

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

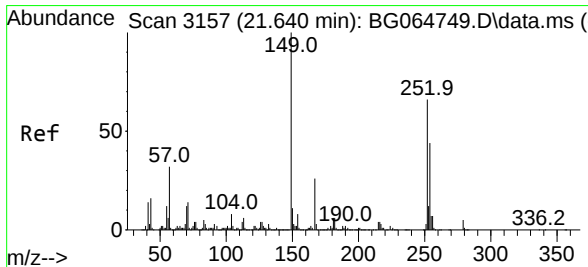
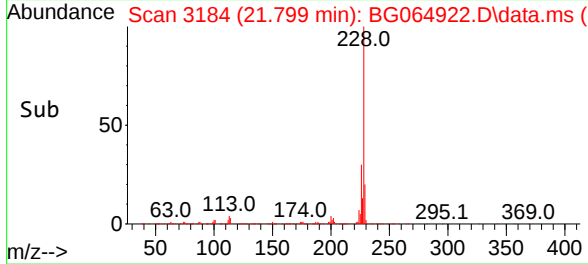
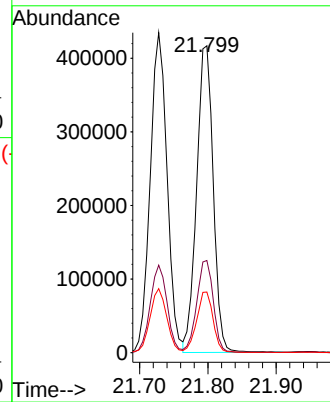
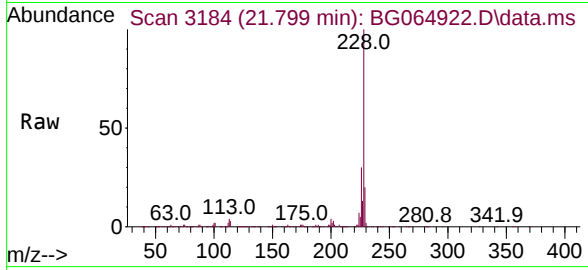
Tgt Ion:228 Resp: 705138

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.7	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.312 ng

RT: 21.622 min Scan# 3154

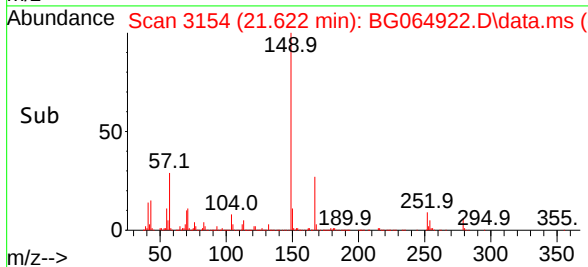
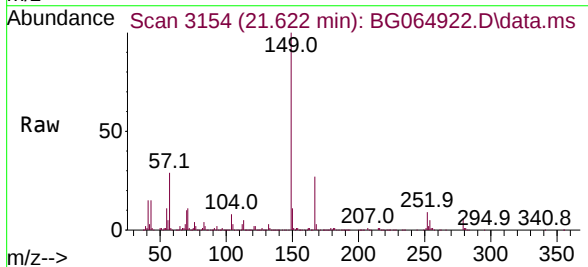
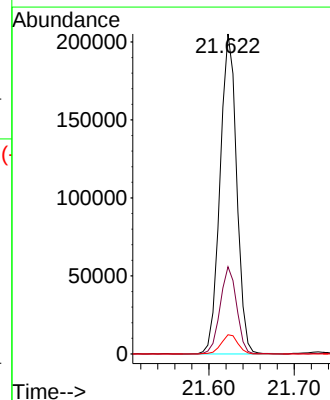
Delta R.T. -0.017 min

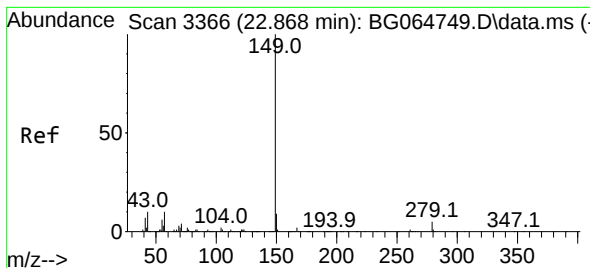
Lab File: BG064922.D

Acq: 10 Dec 2025 15:49

Tgt Ion:149 Resp: 277962

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.0	31.4
279	6.0	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 40.386 ng

RT: 22.844 min Scan# 3366

Delta R.T. -0.023 min

Lab File: BG064922.D

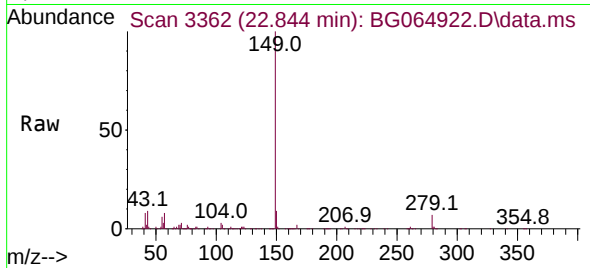
Acq: 10 Dec 2025 15:49

Instrument :

BNA_G

ClientSampleId :

TP-5MSD



Tgt Ion:149 Resp: 458606

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

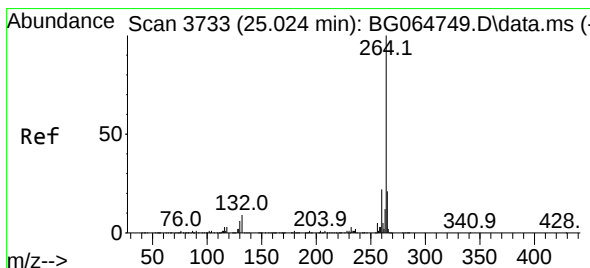
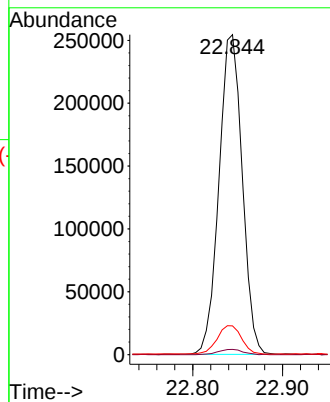
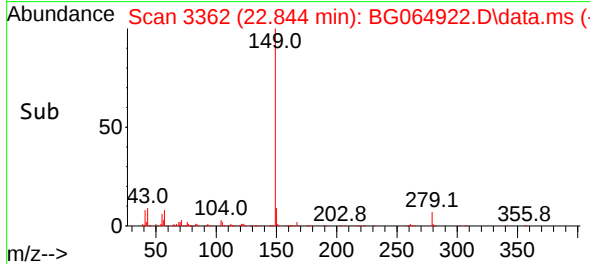
43 9.4 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/11/2025

Supervised By :Sohil Jodhani 12/12/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 3729

Delta R.T. -0.023 min

Lab File: BG064922.D

Acq: 10 Dec 2025 15:49

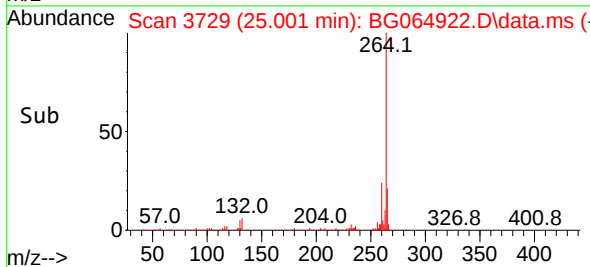
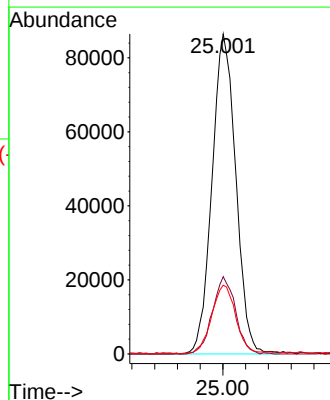
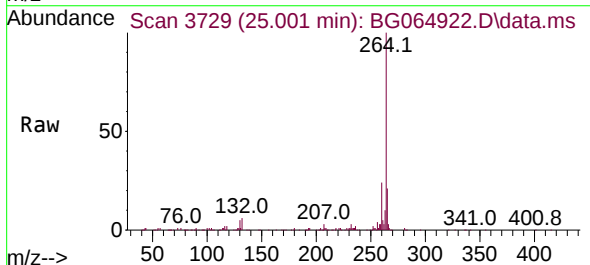
Tgt Ion:264 Resp: 251029

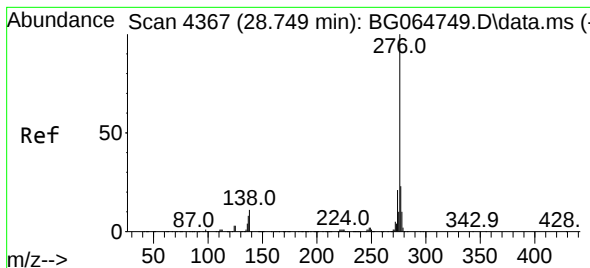
Ion Ratio Lower Upper

264 100

260 24.2 17.2 25.8

265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.576 ng

RT: 28.732 min Scan# 4367

Delta R.T. -0.017 min

Lab File: BG064922.D

Acq: 10 Dec 2025 15:49

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion:276 Resp: 92400

Ion Ratio Lower Upper

276 100

138 4.8 4.5 6.7

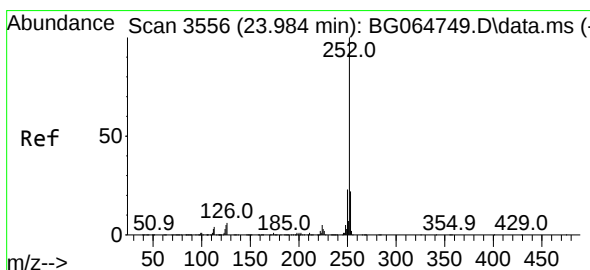
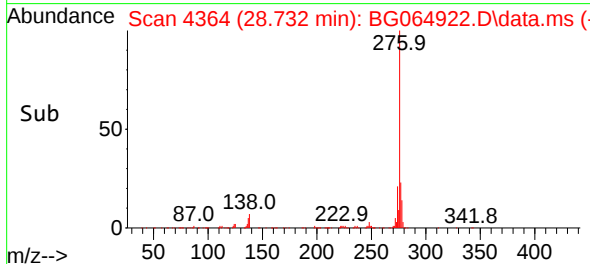
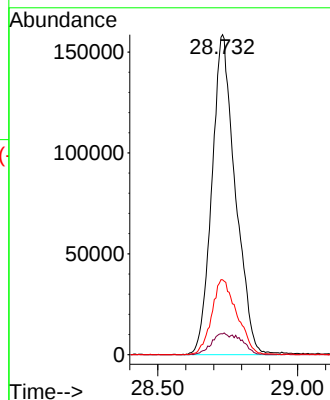
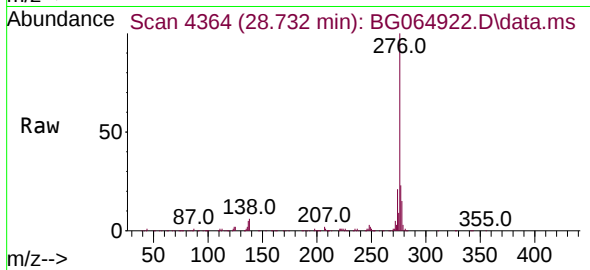
277 25.2 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/11/2025

Supervised By :Sohil Jodhani 12/12/2025



#88

Benzo(b)fluoranthene

Concen: 47.989 ng

RT: 23.972 min Scan# 3554

Delta R.T. -0.012 min

Lab File: BG064922.D

Acq: 10 Dec 2025 15:49

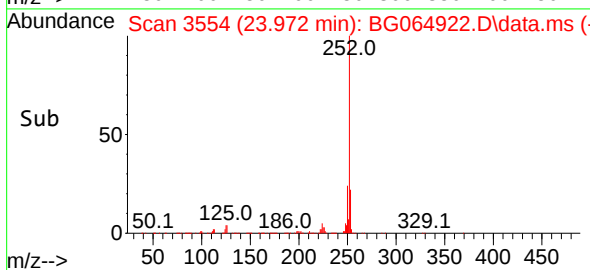
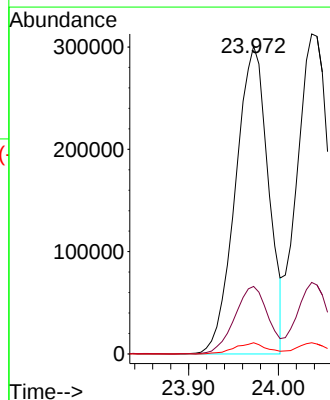
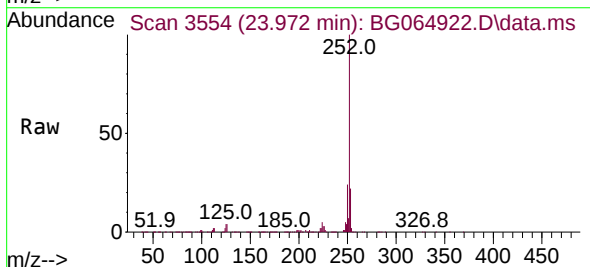
Tgt Ion:252 Resp: 766633

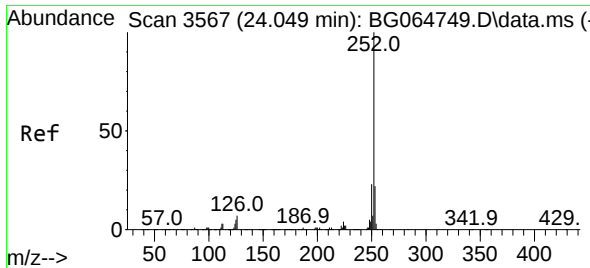
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 3.6 4.2 6.2#





#89
Benzo(k)fluoranthene
Concen: 48.148 ng
RT: 24.037 min Scan# 3567
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Instrument :

BNA_G

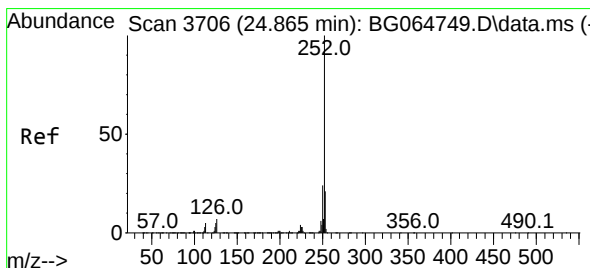
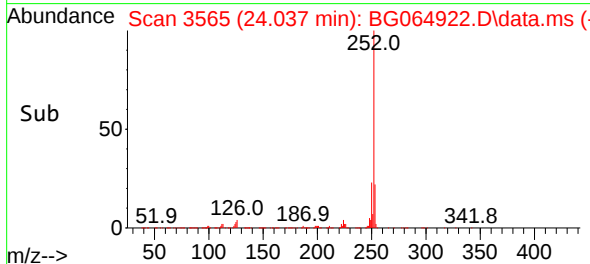
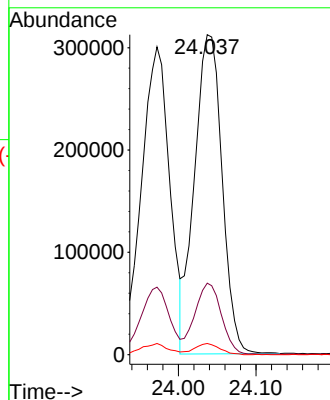
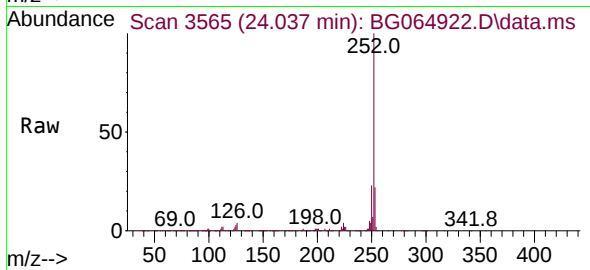
ClientSampleId :

TP-5MSD

Tgt Ion:252 Resp: 772748
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 3.5 4.1 6.1

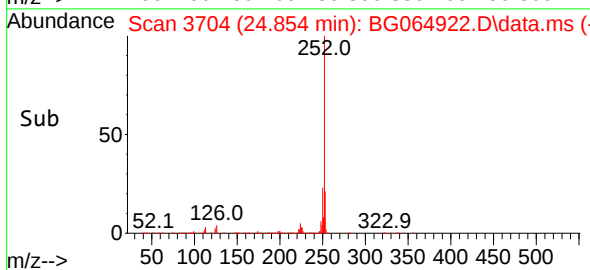
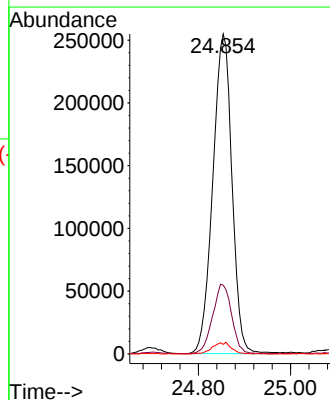
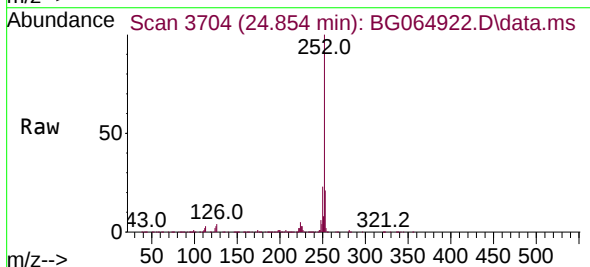
Manual Integrations
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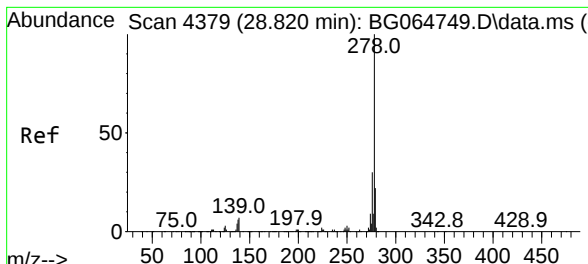
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#90
Benzo(a)pyrene
Concen: 49.678 ng
RT: 24.854 min Scan# 3704
Delta R.T. -0.012 min
Lab File: BG064922.D
Acq: 10 Dec 2025 15:49

Tgt Ion:252 Resp: 736171
Ion Ratio Lower Upper
252 100
253 21.5 16.9 25.3
125 3.0 4.2 6.4





#91
 Dibenzo(a,h)anthracene
 Concen: 54.180 ng
 RT: 28.790 min Scan# 4374
 Delta R.T. -0.029 min
 Lab File: BG064922.D
 Acq: 10 Dec 2025 15:49

Instrument :

BNA_G

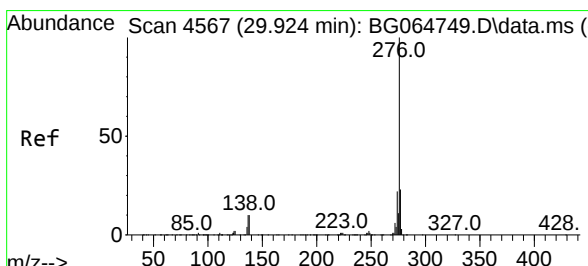
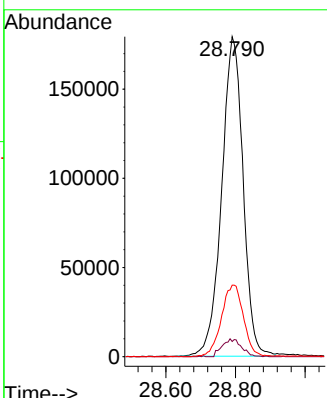
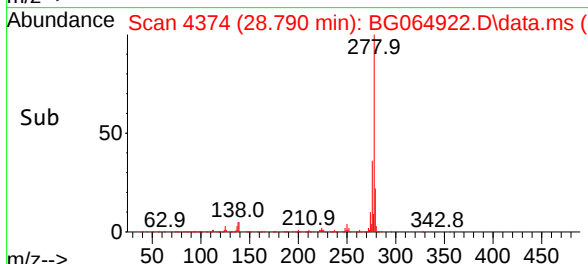
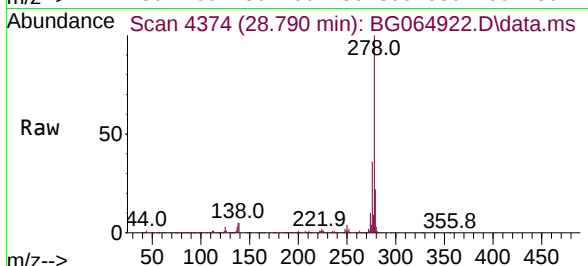
ClientSampleId :

TP-5MSD

Tgt Ion:278 Resp: 765488
 Ion Ratio Lower Upper
 278 100
 139 4.7 5.8 8.8#
 279 22.3 17.3 25.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/11/2025
 Supervised By :Sohil Jodhani 12/12/2025



#92
 Benzo(g,h,i)perylene
 Concen: 54.795 ng
 RT: 29.901 min Scan# 4563
 Delta R.T. -0.023 min
 Lab File: BG064922.D
 Acq: 10 Dec 2025 15:49

Tgt Ion:276 Resp: 745073
 Ion Ratio Lower Upper
 276 100
 277 22.5 18.0 27.0
 138 7.2 8.2 12.2#

