

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
 Data File : BG064921.D
 Acq On : 10 Dec 2025 15:08
 Operator : RC/JU
 Sample : Q3814-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 15:50:25 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	8.149	152	20516	20.000	ng	-0.02
21) Naphthalene-d8	10.969	136	76116	20.000	ng	#-0.02
39) Acenaphthene-d10	14.765	164	64087	20.000	ng	-0.01
64) Phenanthrene-d10	17.497	188	173032	20.000	ng	# 0.00
76) Chrysene-d12	21.751	240	233027	20.000	ng	# 0.00
86) Perylene-d12	25.000	264	252658	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	117902	100.352	ng	0.00
7) Phenol-d6	7.303	99	151579	97.002	ng	0.00
23) Nitrobenzene-d5	9.312	82	101083	65.661	ng	-0.02
42) 2,4,6-Tribromophenol	16.245	330	176586	141.281	ng	0.00
45) 2-Fluorobiphenyl	13.396	172	301047	65.546	ng	-0.01
79) Terphenyl-d14	20.082	244	812701	68.604	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.507	88	14428	31.721	ng	# 91
3) Pyridine	3.919	79	42261	31.184	ng	97
4) n-Nitrosodimethylamine	3.831	42	30660	44.450	ng	# 90
6) Aniline	7.468	93	26890	12.910	ng	97
8) 2-Chlorophenol	7.714	128	61298	47.516	ng	95
9) Benzaldehyde	7.274	77	40478	39.572	ng	97
10) Phenol	7.327	94	71696	42.169	ng	90
11) bis(2-Chloroethyl)ether	7.556	93	46311	38.278	ng	93
12) 1,3-Dichlorobenzene	8.043	146	68035	45.832	ng	96
13) 1,4-Dichlorobenzene	8.184	146	70517	46.652	ng	97
14) 1,2-Dichlorobenzene	8.513	146	67362	45.961	ng	95
15) Benzyl Alcohol	8.384	79	58343	45.486	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.666	45	92081	32.155	ng	97
17) 2-Methylphenol	8.590	107	52098	43.306	ng	96
18) Hexachloroethane	9.248	117	24453	42.712	ng	# 83
19) n-Nitroso-di-n-propyla...	8.954	70	41303	39.091	ng	94
20) 3+4-Methylphenols	8.919	107	70026	42.490	ng	93
22) Acetophenone	8.972	105	91333	44.043	ng	98
24) Nitrobenzene	9.359	77	67969	43.696	ng	97
25) Isophorone	9.882	82	120441	41.083	ng	96
26) 2-Nitrophenol	10.076	139	36186	51.720	ng	96
27) 2,4-Dimethylphenol	10.123	122	59633	47.976	ng	96
28) bis(2-Chloroethoxy)met...	10.364	93	64360	39.989	ng	94
29) 2,4-Dichlorophenol	10.611	162	73659	55.196	ng	97
30) 1,2,4-Trichlorobenzene	10.828	180	86630	53.760	ng	96
31) Naphthalene	11.022	128	194995	45.192	ng	99
32) Benzoic acid	10.264	122	46103m	51.995	ng	
33) 4-Chloroaniline	11.122	127	9308	5.393	ng	# 89
34) Hexachlorobutadiene	11.310	225	78137	56.514	ng	94
35) Caprolactam	11.874	113	19446m	48.719	ng	
36) 4-Chloro-3-methylphenol	12.227	107	74592	50.219	ng	97
37) 2-Methylnaphthalene	12.614	142	135117	41.846	ng	98
38) 1-Methylnaphthalene	12.832	142	142065	44.292	ng	96
40) 1,2,4,5-Tetrachloroben...	12.979	216	130758	52.427	ng	100
41) Hexachlorocyclopentadiene	12.961	237	190037	106.303	ng	98
43) 2,4,6-Trichlorophenol	13.208	196	81334	55.563	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.278	196	90689	55.239	ng	98
46) 1,1'-Biphenyl	13.607	154	214319	46.561	ng	97
47) 2-Chloronaphthalene	13.649	162	171231	47.219	ng	99
48) 2-Nitroaniline	13.842	65	53925	46.233	ng	96
49) Acenaphthylene	14.495	152	294983	47.614	ng	98
50) Dimethylphthalate	14.213	163	253589	50.092	ng	99
51) 2,6-Dinitrotoluene	14.330	165	53395	54.813	ng	92
52) Acenaphthene	14.829	154	222424m	59.879	ng	
53) 3-Nitroaniline	14.653	138	10045	10.448	ng	# 77
54) 2,4-Dinitrophenol	14.865	184	84987	122.280	ng	96
55) Dibenzofuran	15.159	168	297196	48.395	ng	99
56) 4-Nitrophenol	14.959	139	85081	111.535	ng	88
57) 2,4-Dinitrotoluene	15.111	165	79653	54.541	ng	# 97
58) Fluorene	15.805	166	237478	49.305	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.382	232	104409	64.456	ng	93
60) Diethylphthalate	15.564	149	249511	51.450	ng	98
61) 4-Chlorophenyl-phenyle...	15.793	204	156622	54.184	ng	94
62) 4-Nitroaniline	15.811	138	47796	47.986	ng	93
63) Azobenzene	16.087	77	199772	49.526	ng	89
65) 4,6-Dinitro-2-methylph...	15.875	198	62712	65.277	ng	88
66) n-Nitrosodiphenylamine	16.005	169	224783	49.596	ng	99
67) 4-Bromophenyl-phenylether	16.686	248	123827	54.494	ng	96
68) Hexachlorobenzene	16.810	284	151938	55.190	ng	# 92
69) Atrazine	16.939	200	116096	53.129	ng	98
70) Pentachlorophenol	17.144	266	198216	118.469	ng	97
71) Phenanthrene	17.538	178	465228	49.141	ng	100
72) Anthracene	17.632	178	459207	47.569	ng	99
73) Carbazole	17.891	167	398437	48.012	ng	99
74) Di-n-butylphthalate	18.443	149	444411	48.001	ng	99
75) Fluoranthene	19.536	202	654401	50.549	ng	98
77) Benzidine	19.700	184	257882	36.952	ng	97
78) Pyrene	19.894	202	680219	52.083	ng	99
80) Butylbenzylphthalate	20.764	149	199954	43.527	ng	90
81) Benzo(a)anthracene	21.727	228	768824	48.522	ng	99
82) 3,3'-Dichlorobenzidine	21.633	252	69395	11.899	ng	# 98
83) Chrysene	21.798	228	719542	48.168	ng	100
84) Bis(2-ethylhexyl)phtha...	21.622	149	282962	42.153	ng	99
85) Di-n-octyl phthalate	22.844	149	467300	40.273	ng	98
87) Indeno(1,2,3-cd)pyrene	28.725	276	945204	54.452	ng	99
88) Benzo(b)fluoranthene	23.972	252	797633	49.608	ng	# 98
89) Benzo(k)fluoranthene	24.036	252	792366	49.052	ng	# 97
90) Benzo(a)pyrene	24.853	252	740340	49.637	ng	# 98
91) Dibenzo(a,h)anthracene	28.790	278	781548	54.960	ng	# 94
92) Benzo(g,h,i)perylene	29.894	276	770073	56.268	ng	# 97

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

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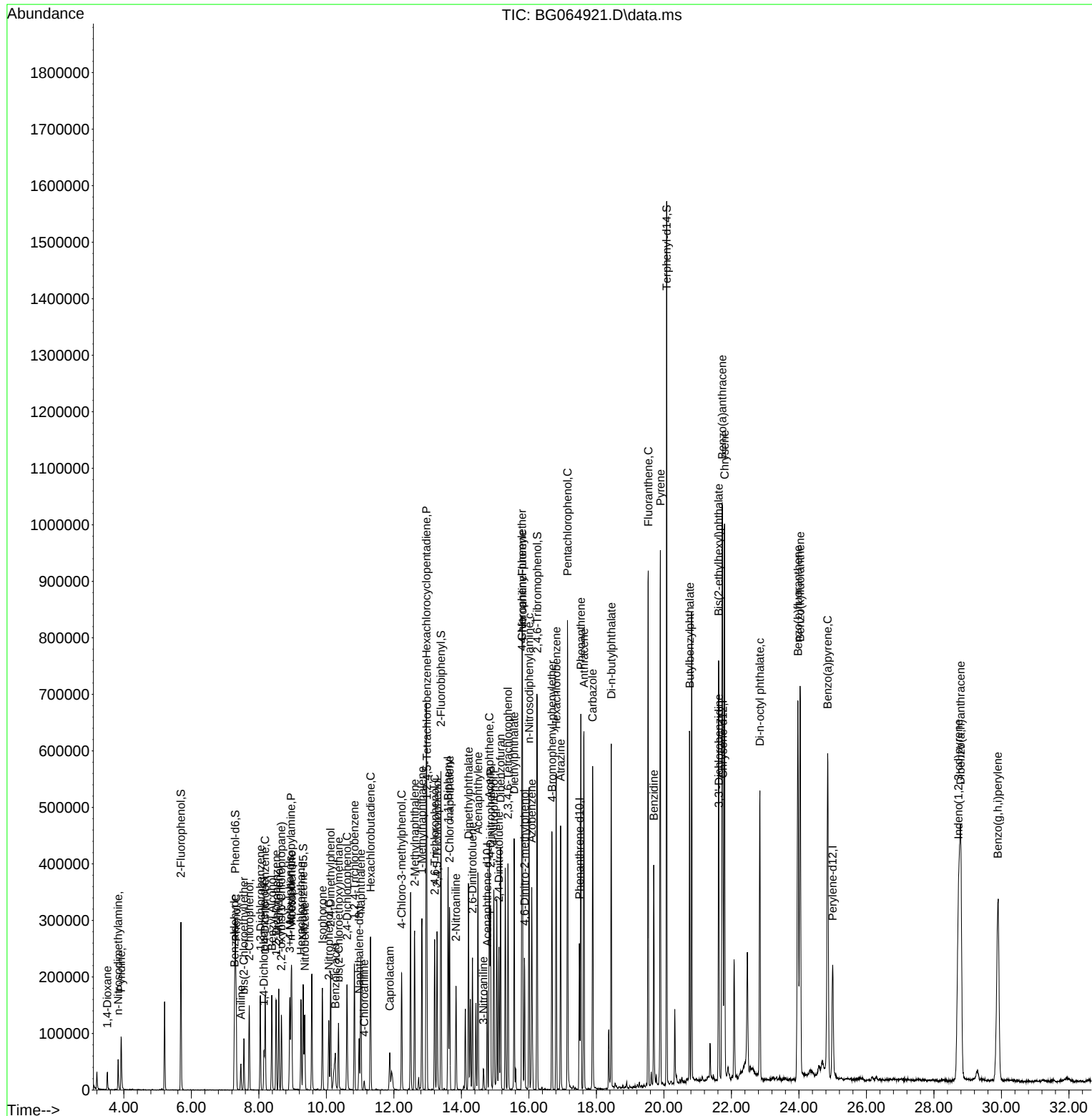
Quant Time: Dec 10 15:50:25 2025

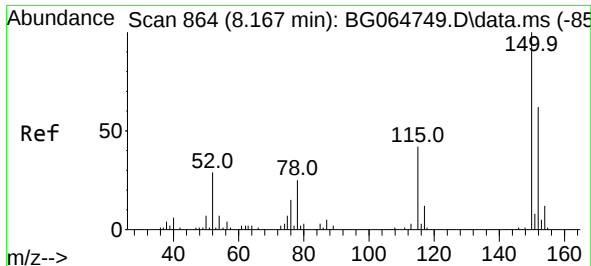
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

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

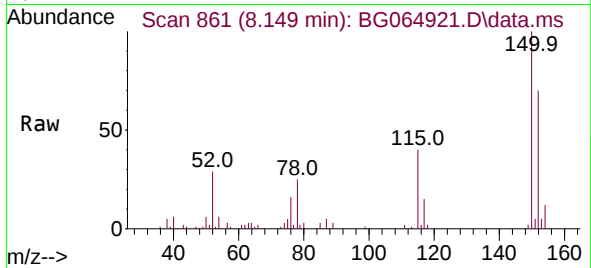
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 80
Delta R.T. -0.018 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

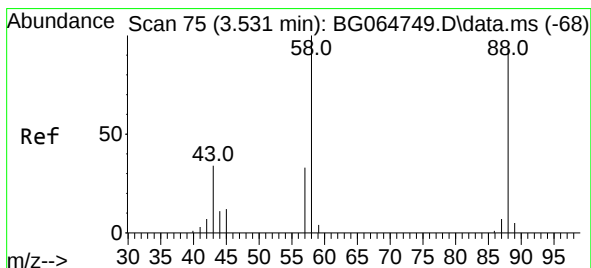
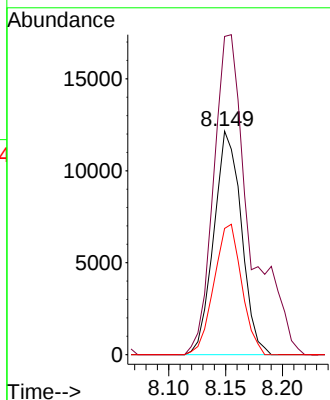
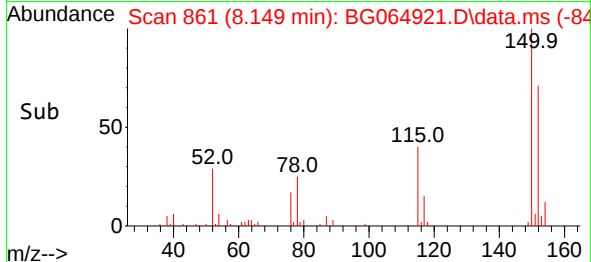
Instrument :
BNA_G
ClientSampleId :
TP-5MS



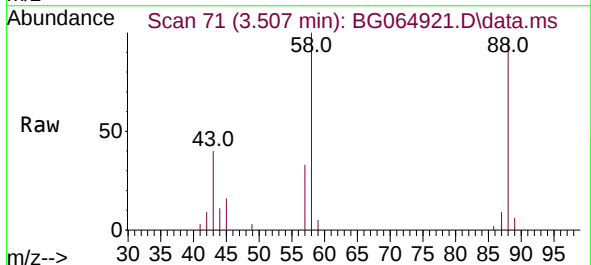
Tgt Ion:152 Resp: 20516
Ion Ratio Lower Upper
152 100
150 142.4 129.2 193.8
115 56.5 53.7 80.5

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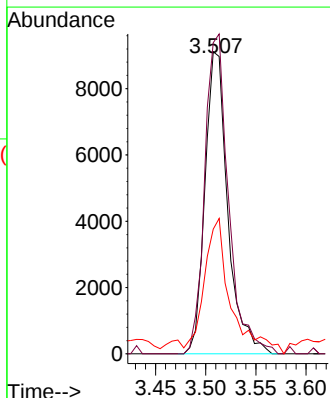
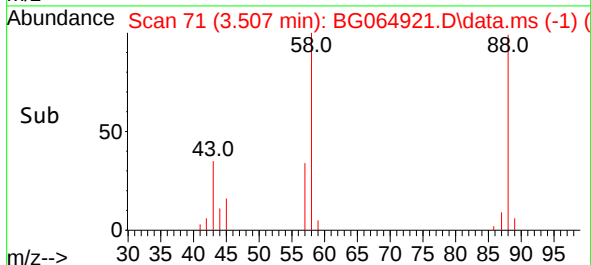
Reviewed By :Jagrut Upadhyay 12/11/2025
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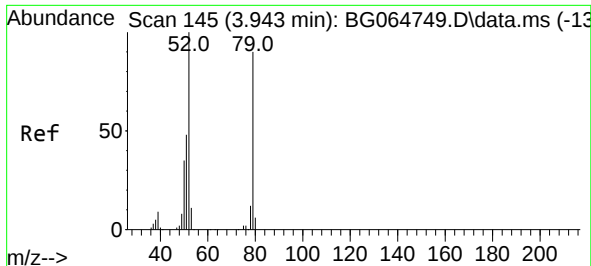


#2
1,4-Dioxane
Concen: 31.721 ng
RT: 3.507 min Scan# 71
Delta R.T. -0.024 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08



Tgt Ion: 88 Resp: 14428
Ion Ratio Lower Upper
88 100
58 110.2 84.6 126.8
43 51.9 30.0 45.0#





#3

Pyridine

Concen: 31.184 ng

RT: 3.919 min Scan# 14

Delta R.T. -0.024 min

Lab File: BG064921.D

Acq: 10 Dec 2025 15:08

Instrument :

BNA_G

ClientSampleId :

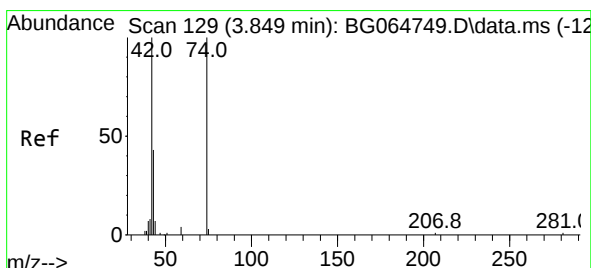
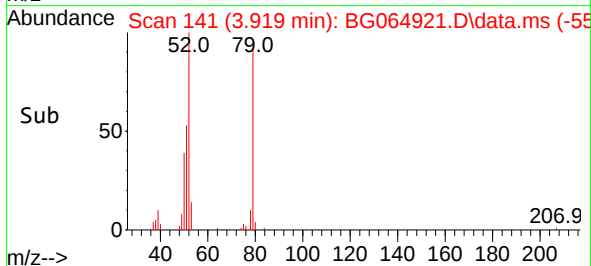
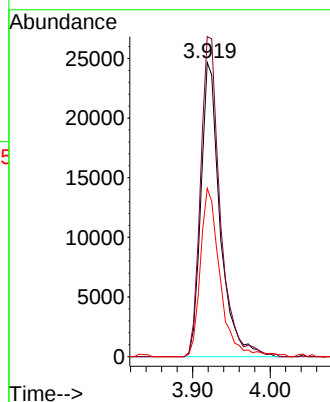
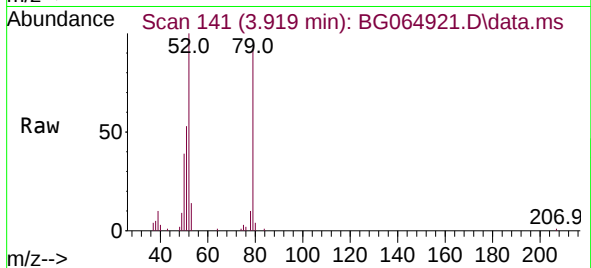
TP-5MS

Tgt Ion: 79	Resp: 4226
Ion Ratio	Lower Upper
79	100
52	108.8 89.0 133.4
51	57.2 43.4 65.0

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#4

n-Nitrosodimethylamine

Concen: 44.450 ng

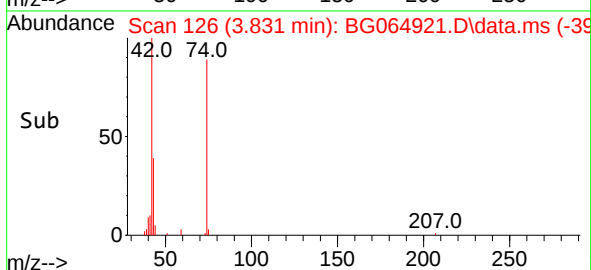
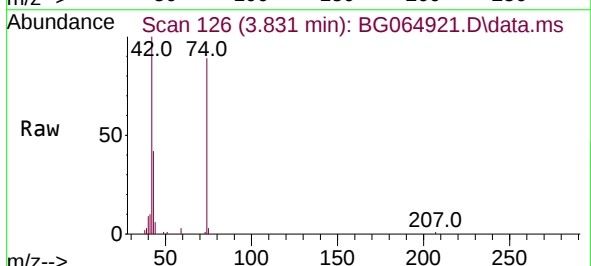
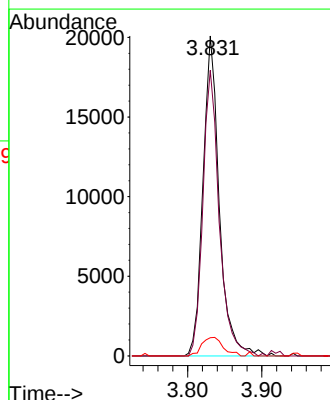
RT: 3.831 min Scan# 126

Delta R.T. -0.018 min

Lab File: BG064921.D

Acq: 10 Dec 2025 15:08

Tgt Ion: 42	Resp: 30660
Ion Ratio	Lower Upper
42	100
74	89.2 79.8 119.6
44	5.7 5.9 8.9





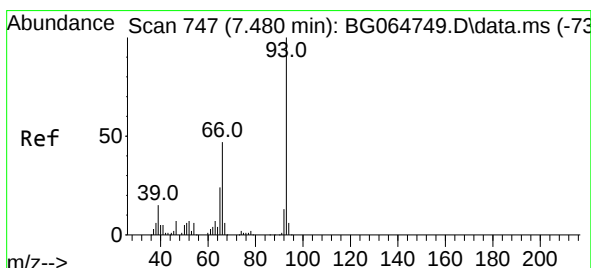
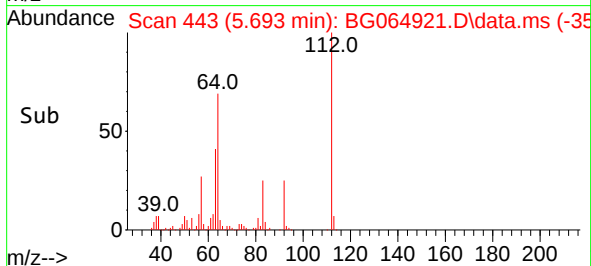
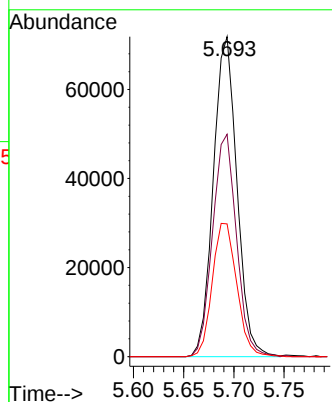
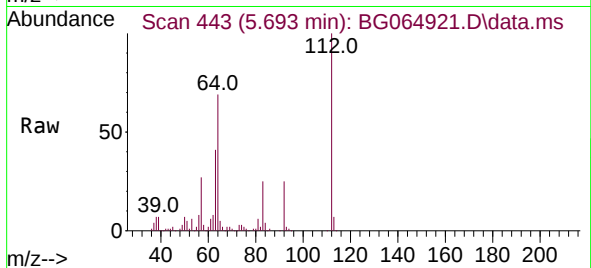
#5
2-Fluorophenol
Concen: 100.352 ng
RT: 5.693 min Scan# 444
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:112 Resp: 117902
Ion Ratio Lower Upper
112 100
64 69.5 61.0 91.4
63 41.5 33.3 49.9

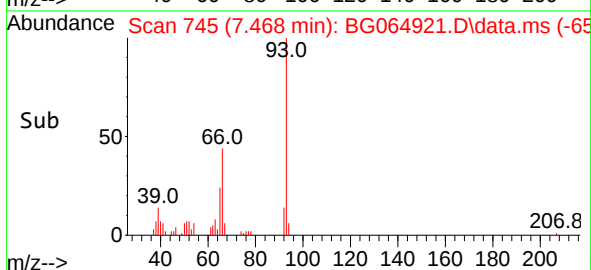
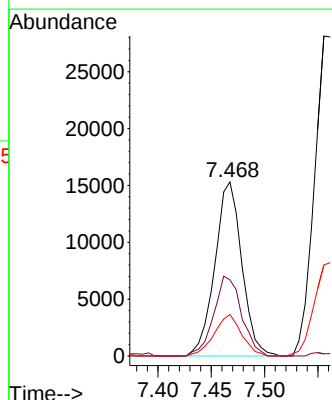
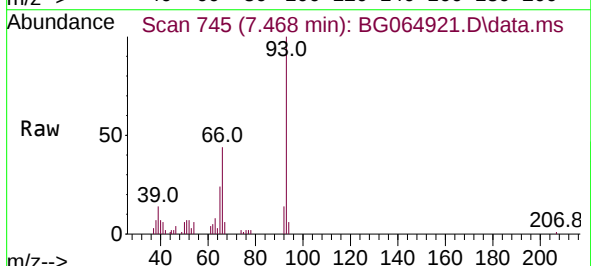
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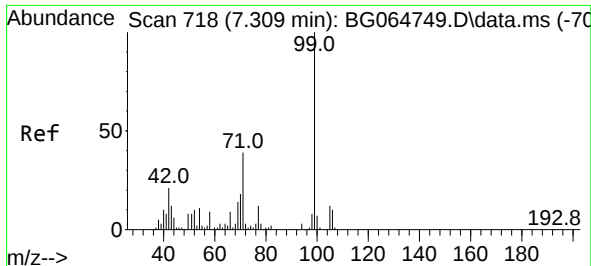
Reviewed By :Jagrut Upadhyay 12/11/2025
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#6
Aniline
Concen: 12.910 ng
RT: 7.468 min Scan# 745
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

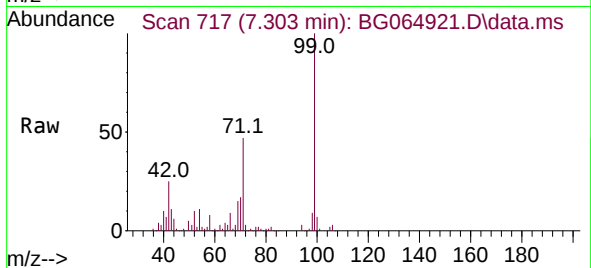
Tgt Ion: 93 Resp: 26890
Ion Ratio Lower Upper
93 100
66 43.7 37.7 56.5
65 23.8 19.1 28.7





#7
Phenol-d6
Concen: 97.002 ng
RT: 7.303 min Scan# 718
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

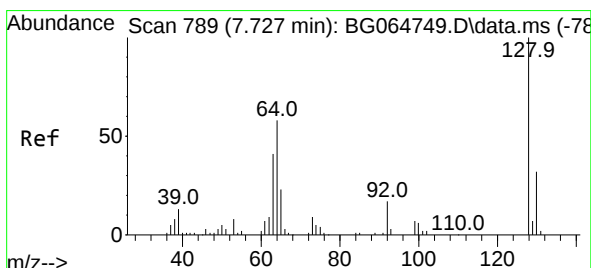
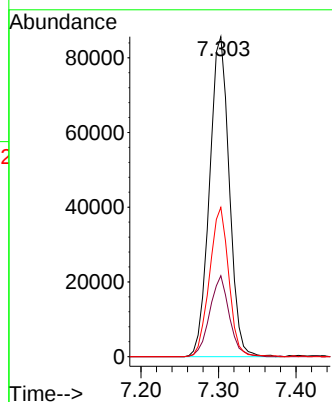
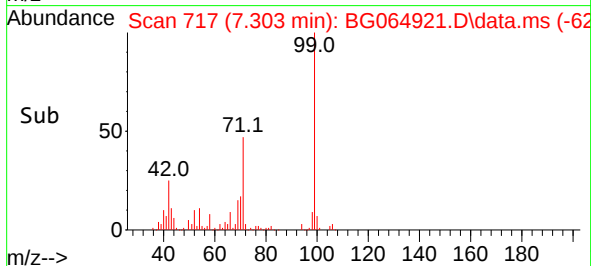
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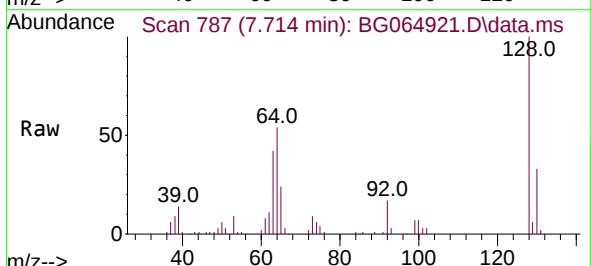
Tgt Ion: 99 Resp: 151579
Ion Ratio Lower Upper
99 100
42 25.3 16.8 25.2
71 46.6 31.1 46.7

Manual Integrations
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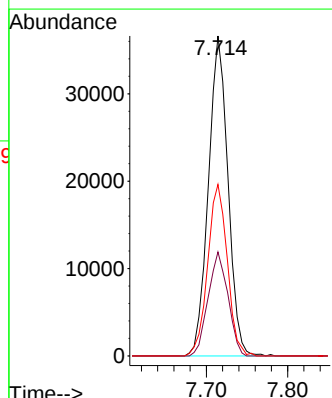
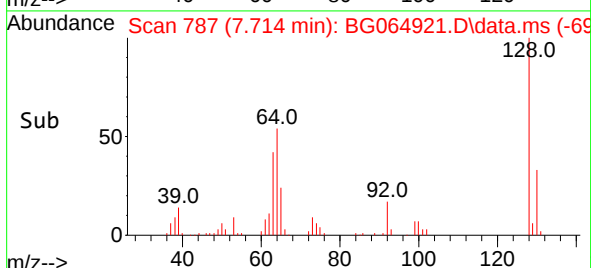
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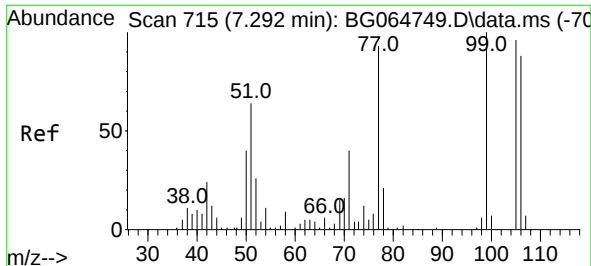


#8
2-Chlorophenol
Concen: 47.516 ng
RT: 7.714 min Scan# 787
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08



Tgt Ion:128 Resp: 61298
Ion Ratio Lower Upper
128 100
130 32.5 11.9 51.9
64 53.6 38.4 78.4





#9

Benzaldehyde

Concen: 39.572 ng

RT: 7.274 min Scan# 715

Delta R.T. -0.018 min

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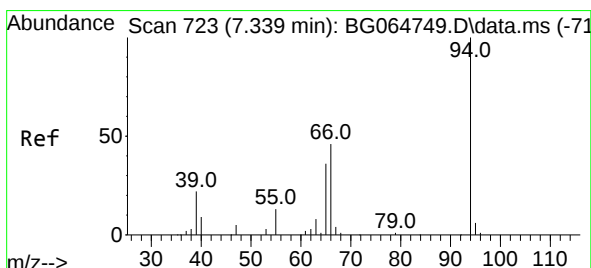
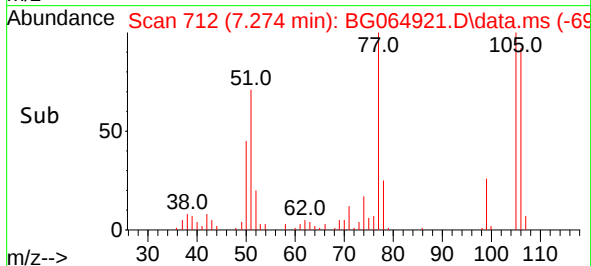
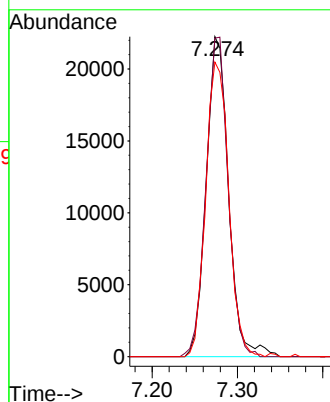
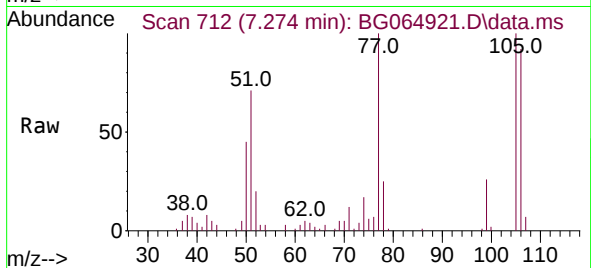
TP-5MS

Tgt Ion: 77	Resp: 40478
Ion Ratio	Lower Upper
77 100	
105 99.5	83.8 123.8
106 92.0	74.3 114.3

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#10

Phenol

Concen: 42.169 ng

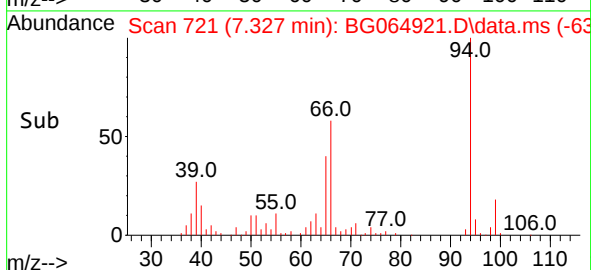
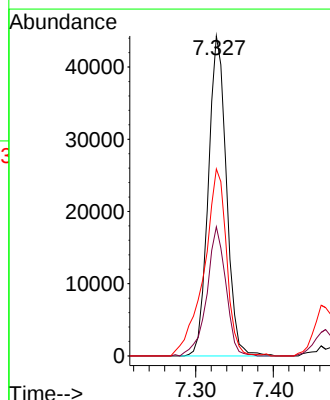
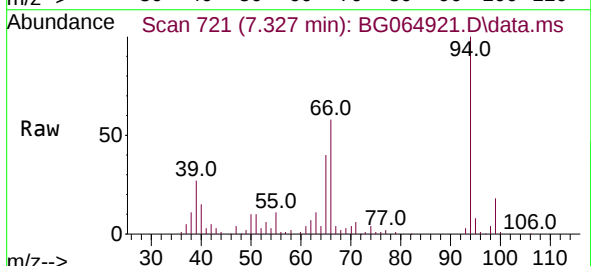
RT: 7.327 min Scan# 721

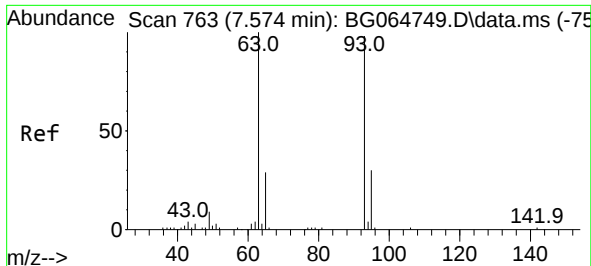
Delta R.T. -0.012 min

Lab File: BG064921.D

Acq: 10 Dec 2025 15:08

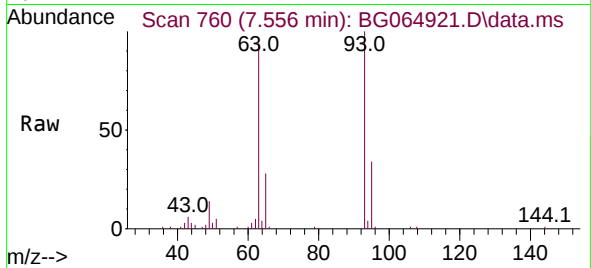
Tgt Ion: 94	Resp: 71696
Ion Ratio	Lower Upper
94 100	
65 40.3	17.0 57.0
66 58.4	29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 38.278 ng
RT: 7.556 min Scan# 70
Delta R.T. -0.018 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

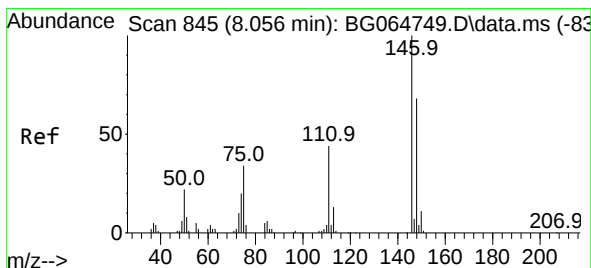
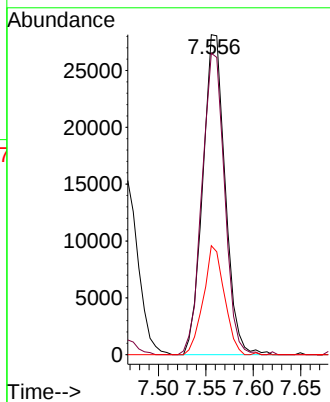
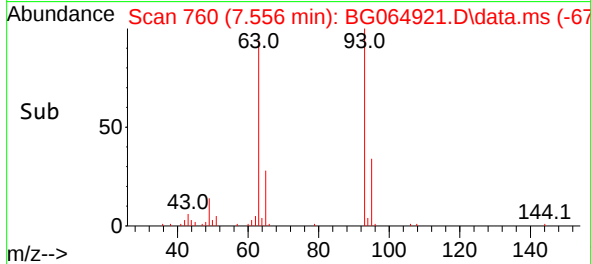
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion: 93 Resp: 4631
Ion Ratio Lower Upper
93 100
63 94.2 81.8 121.8
95 34.0 10.3 50.3

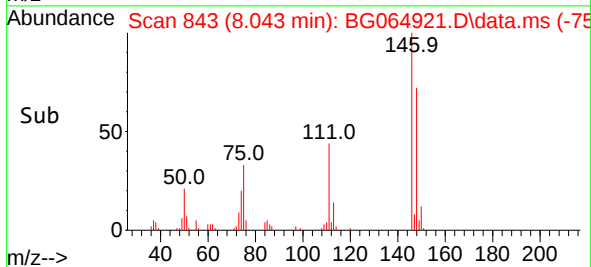
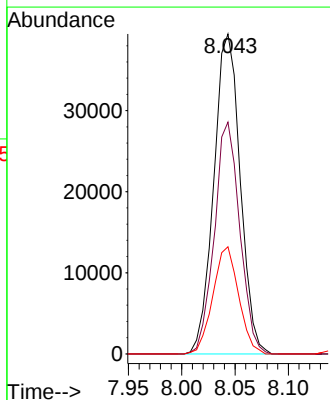
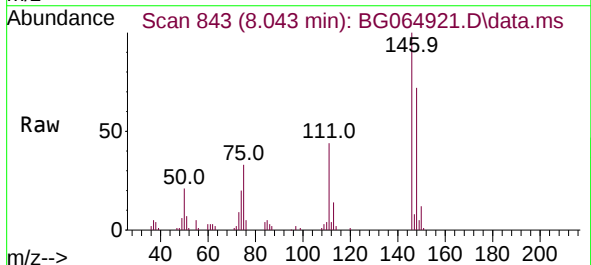
Manual Integrations
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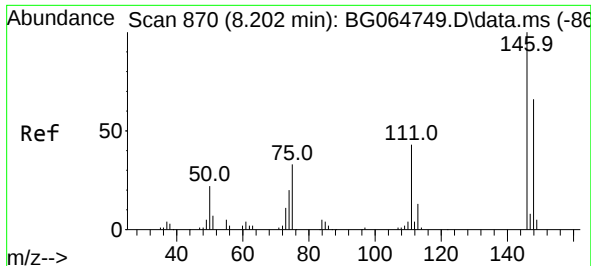
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#12
1,3-Dichlorobenzene
Concen: 45.832 ng
RT: 8.043 min Scan# 843
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Tgt Ion:146 Resp: 68035
Ion Ratio Lower Upper
146 100
148 72.5 54.6 82.0
75 33.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 46.652 ng

RT: 8.184 min Scan# 867

Delta R.T. -0.018 min

Lab File: BG064921.D

Acq: 10 Dec 2025 15:08

Instrument :

BNA_G

ClientSampleId :

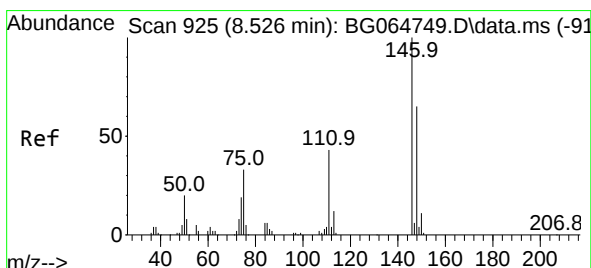
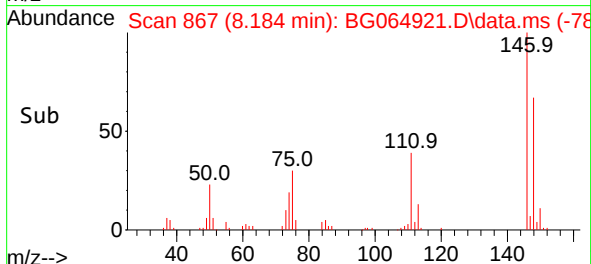
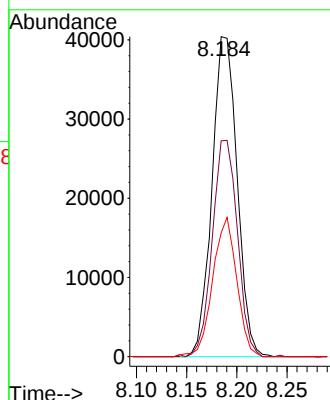
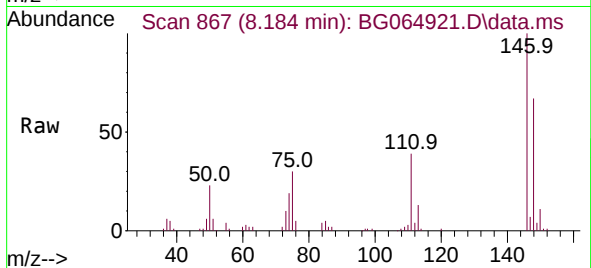
TP-5MS

Tgt Ion:	146	Resp:	7051
Ion Ratio	Lower	Upper	
146	100		
148	67.4	53.1	79.7
111	38.6	34.1	51.1

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APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 45.961 ng

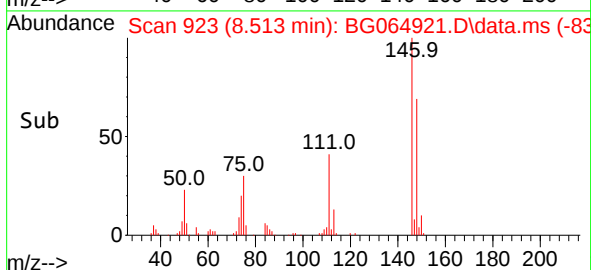
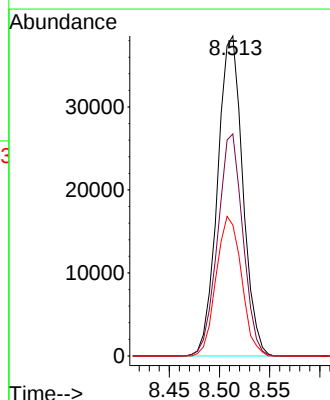
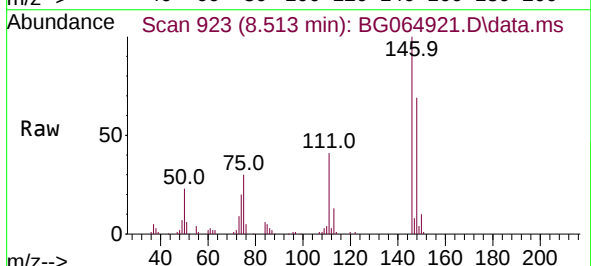
RT: 8.513 min Scan# 923

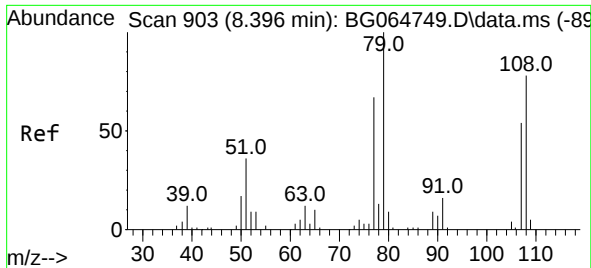
Delta R.T. -0.012 min

Lab File: BG064921.D

Acq: 10 Dec 2025 15:08

Tgt Ion:	146	Resp:	67362
Ion Ratio	Lower	Upper	
146	100		
148	69.4	52.0	78.0
111	40.9	34.7	52.1





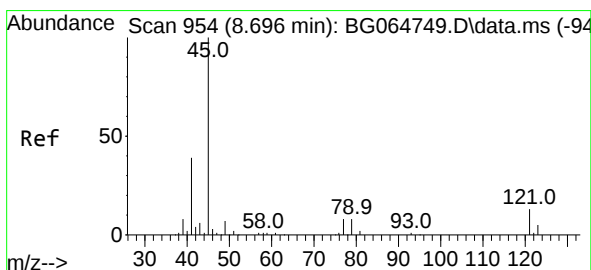
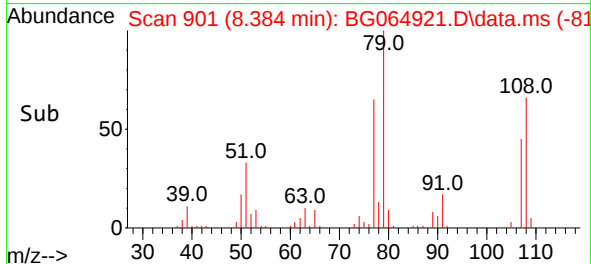
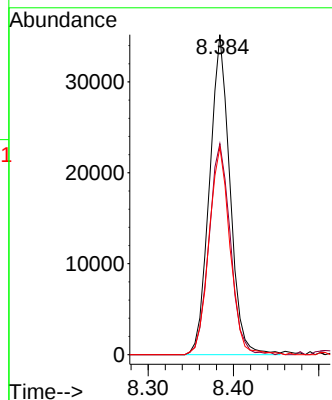
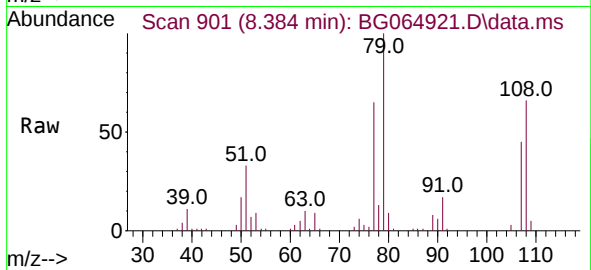
#15
Benzyl Alcohol
Concen: 45.486 ng
RT: 8.384 min Scan# 901
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion: 79 Resp: 5834
Ion Ratio Lower Upper
79 100
108 65.9 62.3 93.5
77 64.8 53.5 80.3

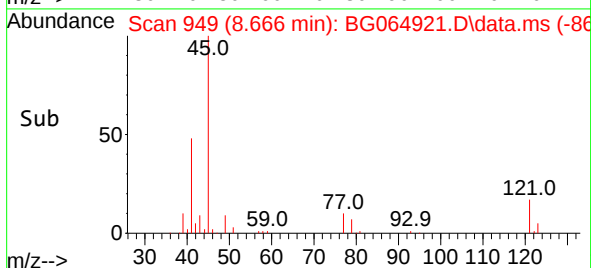
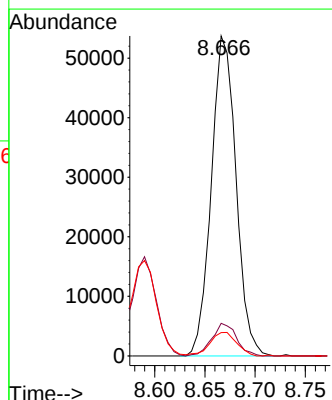
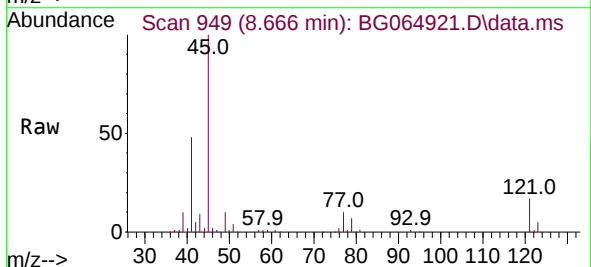
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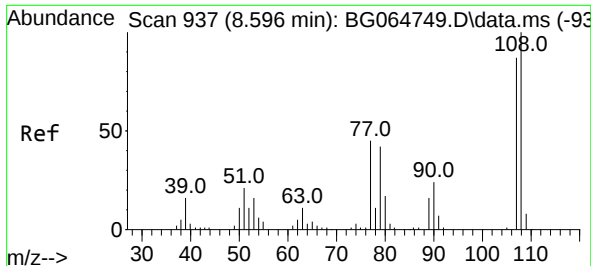
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#16
2,2'-oxybis(1-chloropropane)
Concen: 32.155 ng
RT: 8.666 min Scan# 949
Delta R.T. -0.030 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

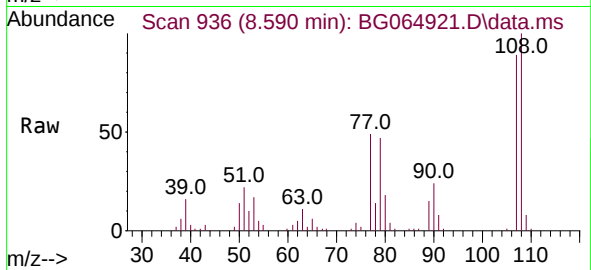
Tgt Ion: 45 Resp: 92081
Ion Ratio Lower Upper
45 100
77 10.2 0.0 28.8
79 7.3 0.0 28.1





#17
2-Methylphenol
Concen: 43.306 ng
RT: 8.590 min Scan# 937
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

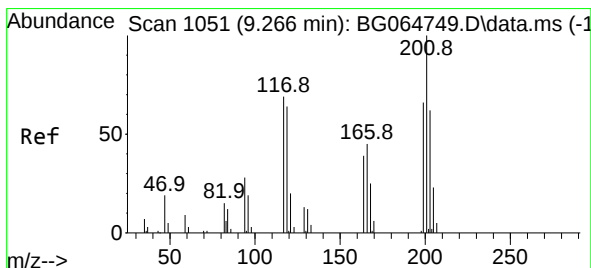
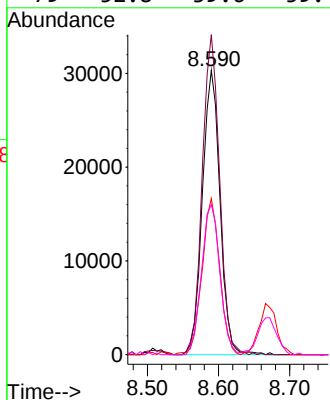
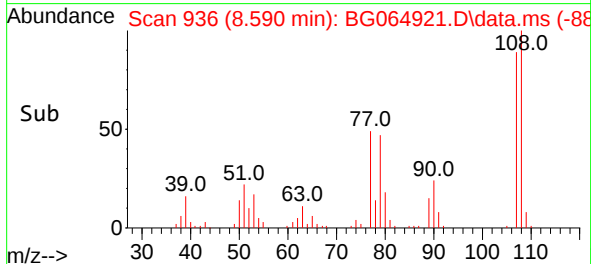
Instrument :
BNA_G
Client SampleId :
TP-5MS



Tgt Ion:107 Resp: 52098
Ion Ratio Lower Upper
107 100
108 112.6 92.6 138.8
77 54.9 41.2 61.8
79 52.8 39.6 59.4

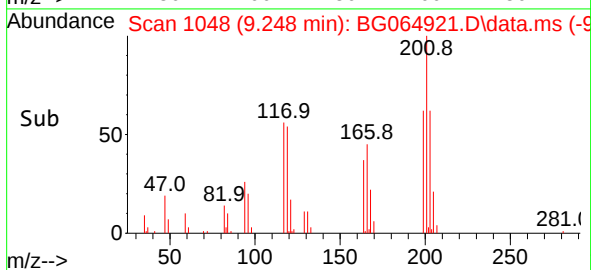
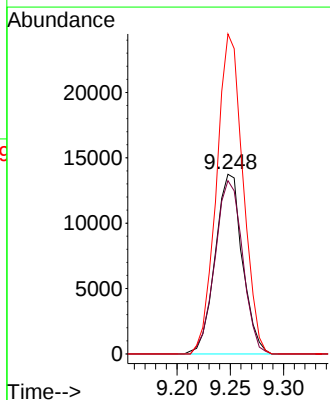
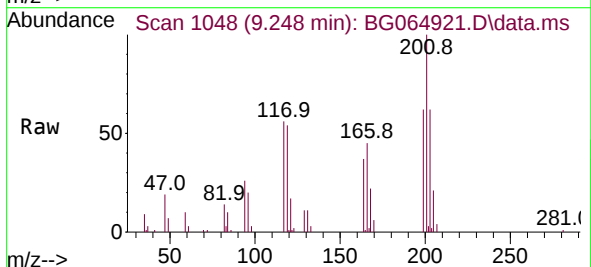
Manual Integrations
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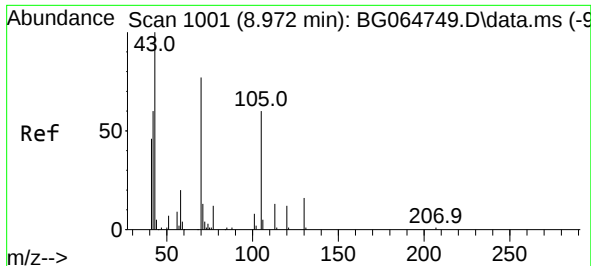
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#18
Hexachloroethane
Concen: 42.712 ng
RT: 9.248 min Scan# 1048
Delta R.T. -0.018 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

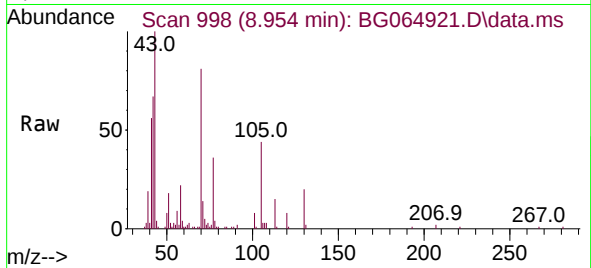
Tgt Ion:117 Resp: 24453
Ion Ratio Lower Upper
117 100
119 96.4 74.4 111.6
201 178.1 116.5 174.7#





#19
n-Nitroso-di-n-propylamine
Concen: 39.091 ng
RT: 8.954 min Scan# 998
Delta R.T. -0.018 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

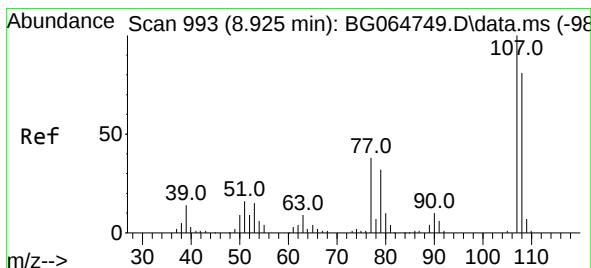
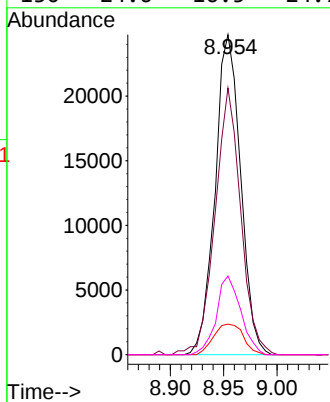
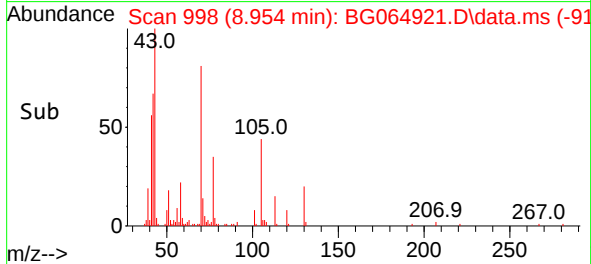
Instrument :
BNA_G
ClientSampleId :
TP-5MS



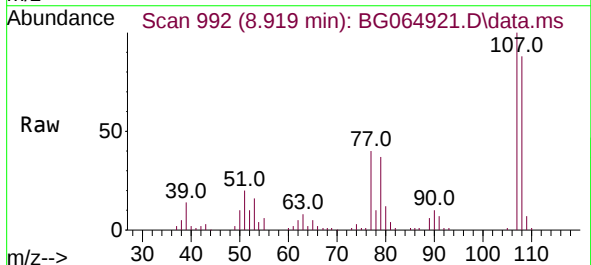
Tgt Ion: 70 Resp: 41303
Ion Ratio Lower Upper
70 100
42 83.3 62.6 93.8
101 9.5 8.0 12.0
130 24.6 16.5 24.7

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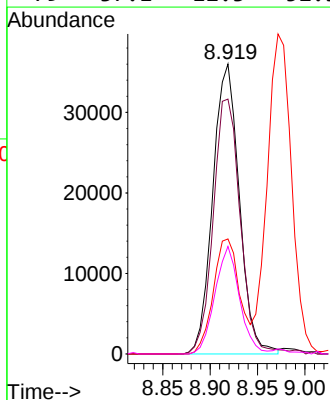
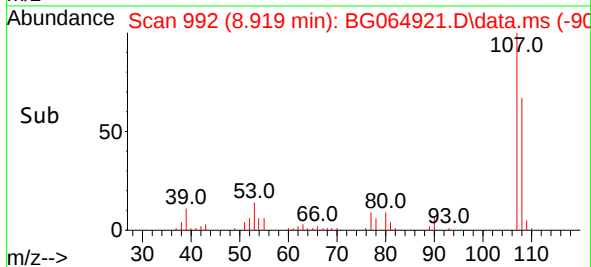
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

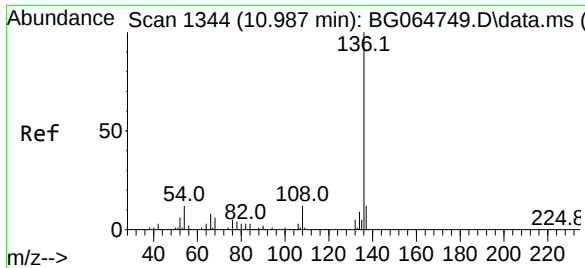


#20
3+4-Methylphenols
Concen: 42.490 ng
RT: 8.919 min Scan# 992
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08



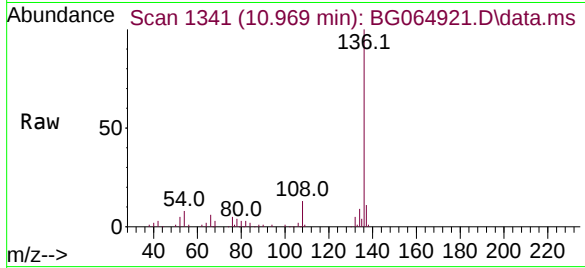
Tgt Ion:107 Resp: 70026
Ion Ratio Lower Upper
107 100
108 87.9 61.0 101.0
77 39.7 17.6 57.6
79 37.1 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1344
Delta R.T. -0.018 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

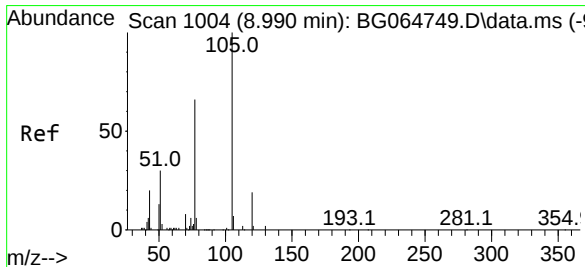
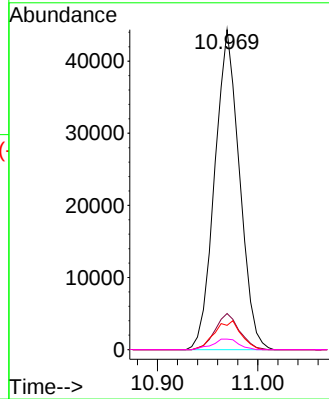
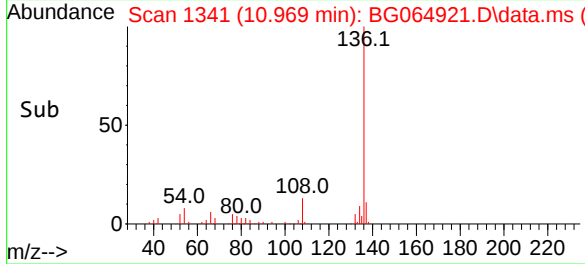
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:136 Resp: 76116
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 7.6 9.3 13.9
68 3.3 5.0 7.6#

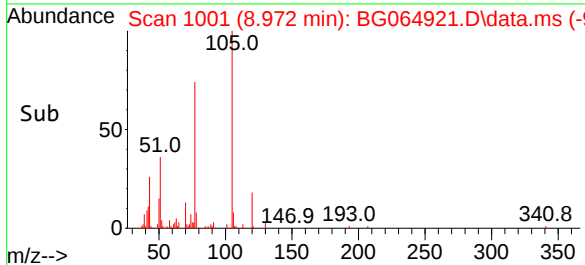
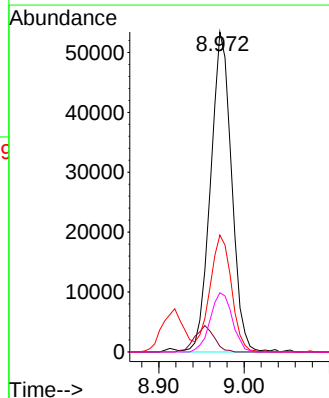
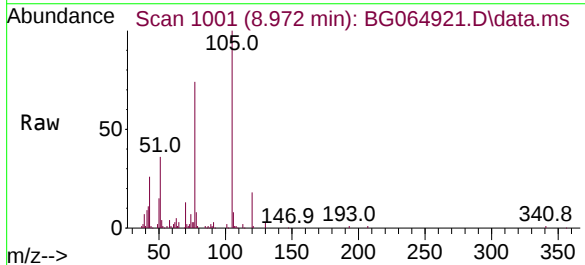
Manual Integrations
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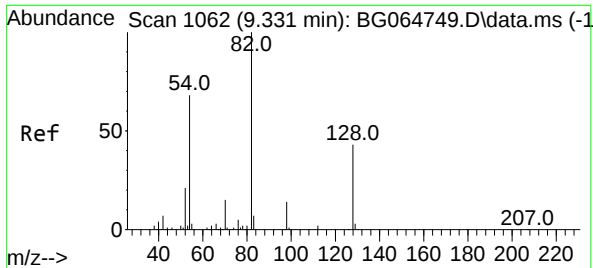
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#22
Acetophenone
Concen: 44.043 ng
RT: 8.972 min Scan# 1001
Delta R.T. -0.018 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Tgt Ion:105 Resp: 91333
Ion Ratio Lower Upper
105 100
71 1.7 1.3 1.9
51 36.5 27.9 41.9
120 18.5 15.3 22.9





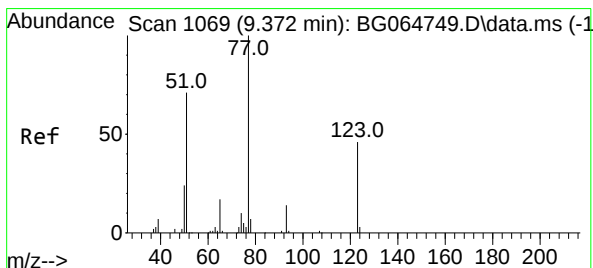
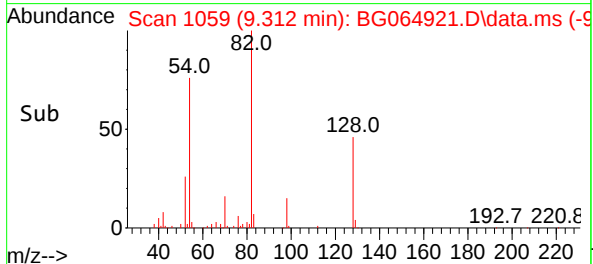
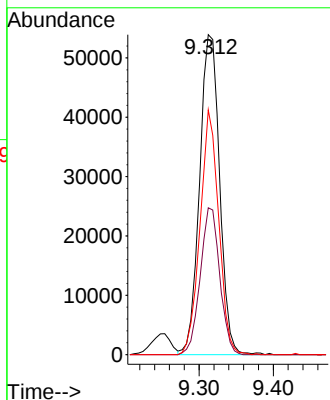
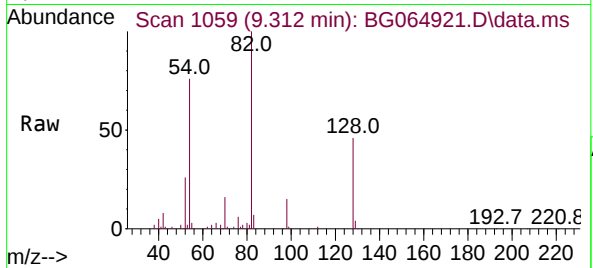
#23
Nitrobenzene-d5
Concen: 65.661 ng
RT: 9.312 min Scan# 1059
Delta R.T. -0.018 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion: 82 Resp: 101083
Ion Ratio Lower Upper
82 100
128 45.9 34.1 51.1
54 76.5 54.3 81.5

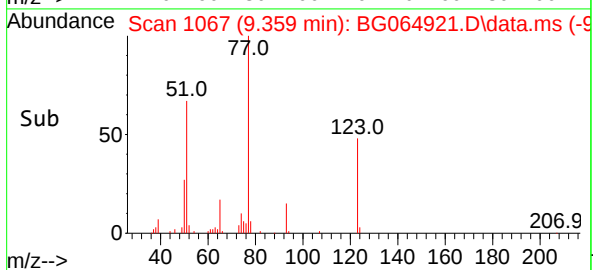
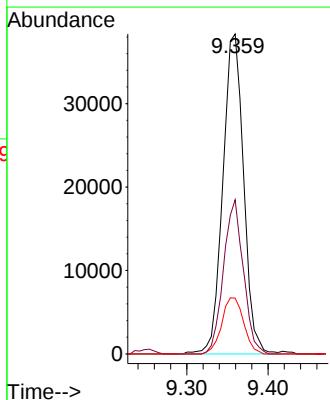
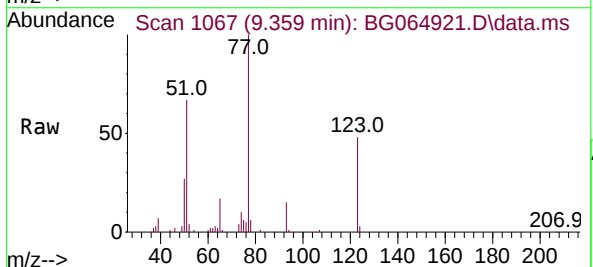
Manual Integrations
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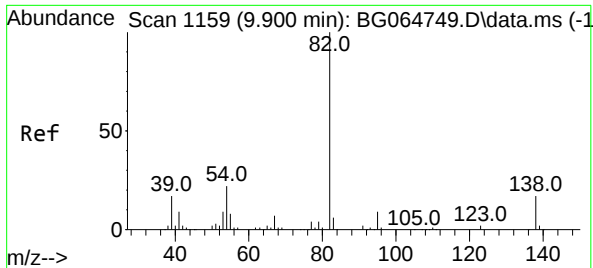
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#24
Nitrobenzene
Concen: 43.696 ng
RT: 9.359 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Tgt Ion: 77 Resp: 67969
Ion Ratio Lower Upper
77 100
123 48.2 36.5 54.7
65 17.4 13.5 20.3





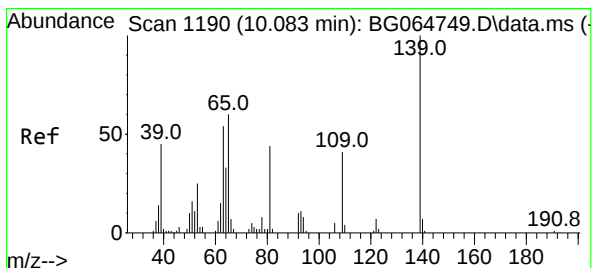
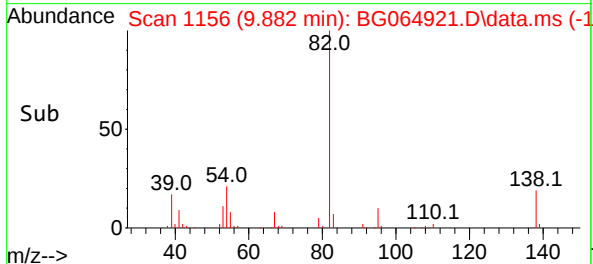
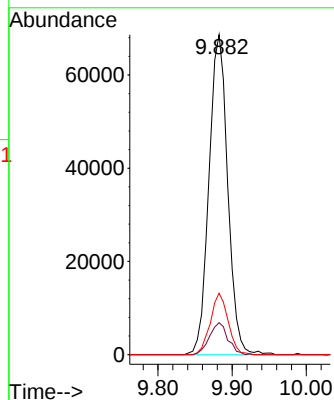
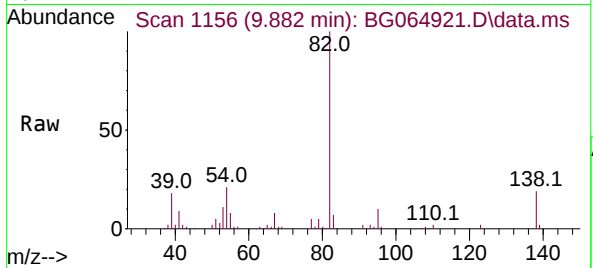
#25
Isophorone
Concen: 41.083 ng
RT: 9.882 min Scan# 1156
Delta R.T. -0.018 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion: 82 Resp: 12044
Ion Ratio Lower Upper
82 100
95 10.0 6.9 10.3
138 19.2 13.9 20.9

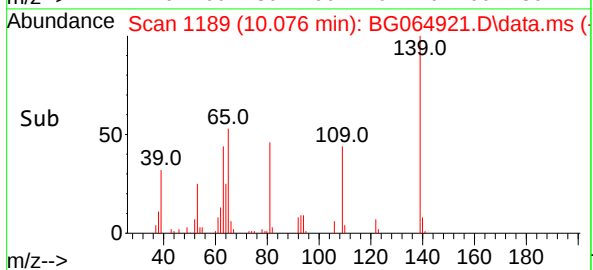
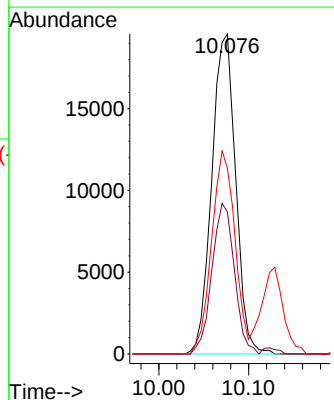
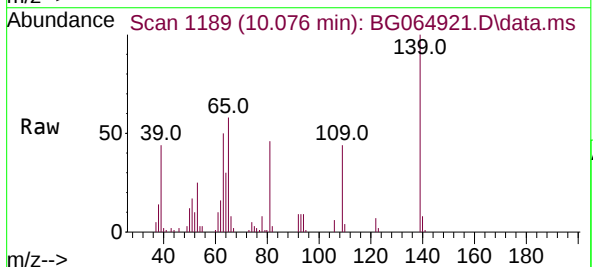
Manual Integrations
APPROVED

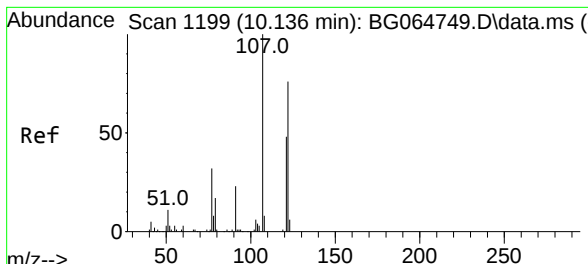
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#26
2-Nitrophenol
Concen: 51.720 ng
RT: 10.076 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

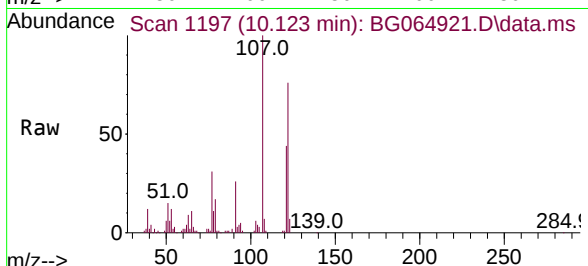
Tgt Ion:139 Resp: 36186
Ion Ratio Lower Upper
139 100
109 44.3 32.5 48.7
65 58.0 47.6 71.4





#27
2,4-Dimethylphenol
Concen: 47.976 ng
RT: 10.123 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

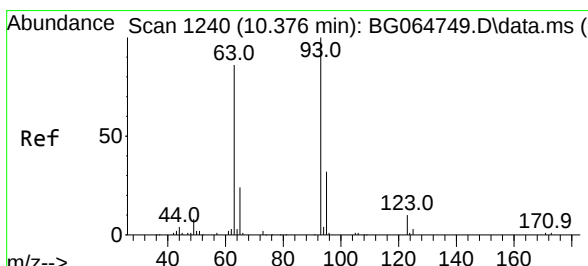
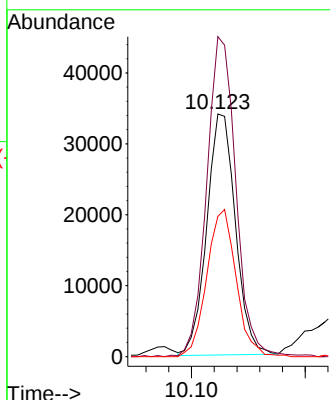
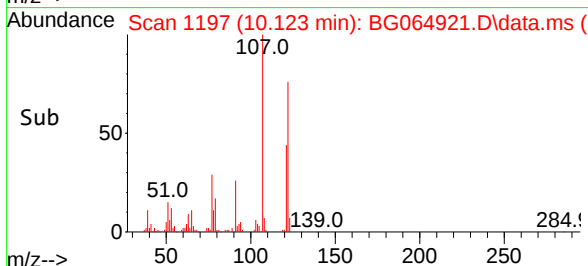
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:122 Resp: 59633
Ion Ratio Lower Upper
122 100
107 131.9 102.5 153.7
121 57.8 49.0 73.6

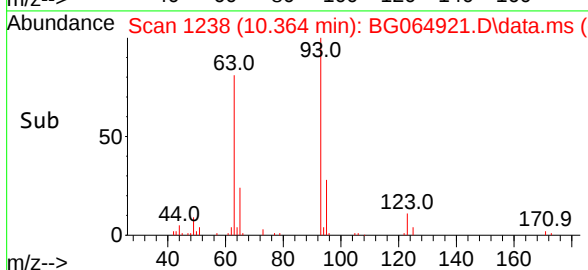
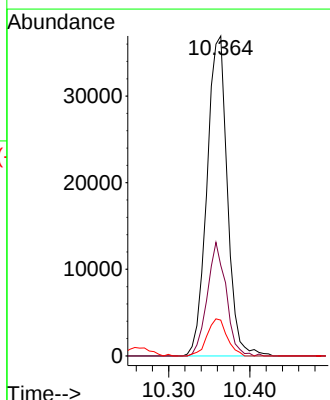
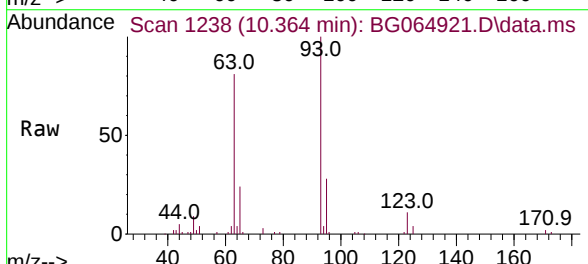
Manual Integrations
APPROVED

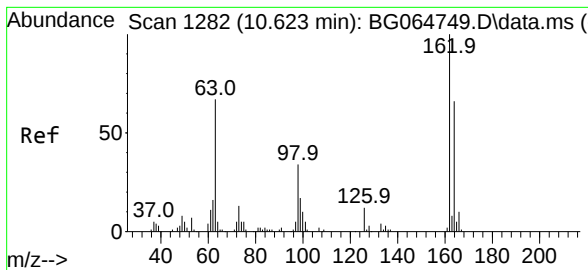
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 39.989 ng
RT: 10.364 min Scan# 1238
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Tgt Ion: 93 Resp: 64360
Ion Ratio Lower Upper
93 100
95 28.3 25.4 38.2
123 11.2 8.1 12.1





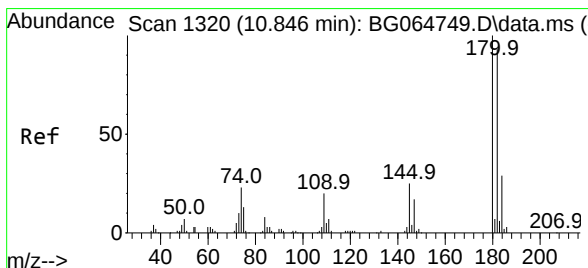
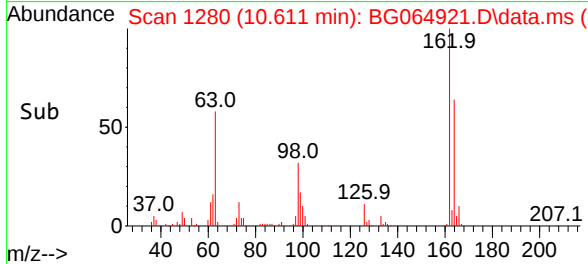
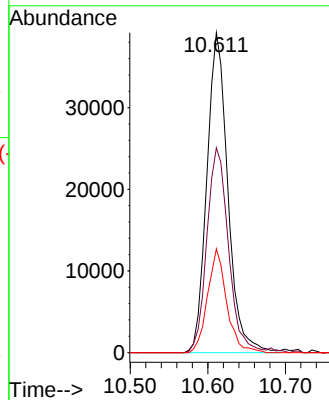
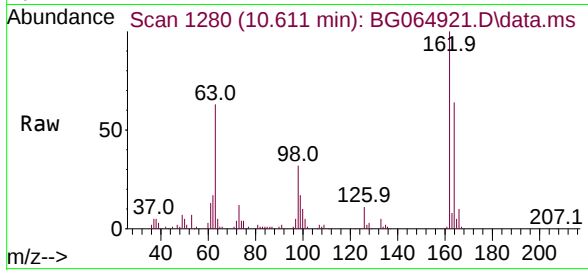
#29
2,4-Dichlorophenol
Concen: 55.196 ng
RT: 10.611 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:162 Resp: 73659
Ion Ratio Lower Upper
162 100
164 64.0 46.0 86.0
98 32.4 14.2 54.2

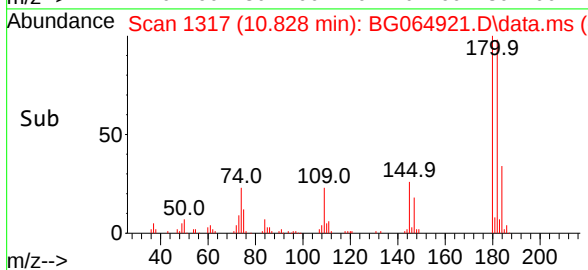
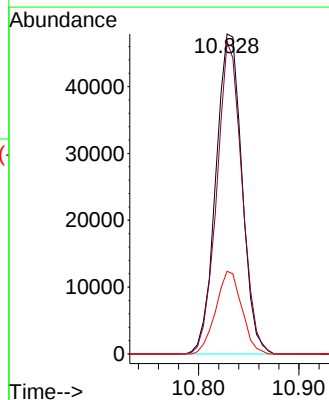
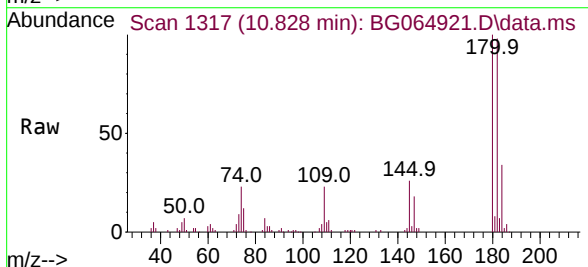
Manual Integrations
APPROVED

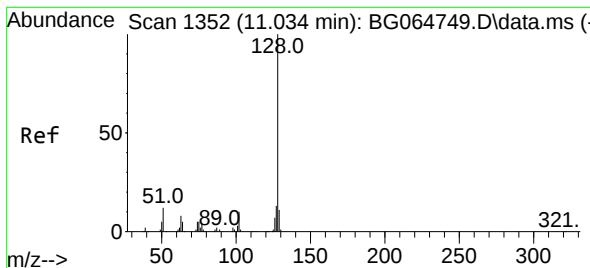
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#30
1,2,4-Trichlorobenzene
Concen: 53.760 ng
RT: 10.828 min Scan# 1317
Delta R.T. -0.018 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

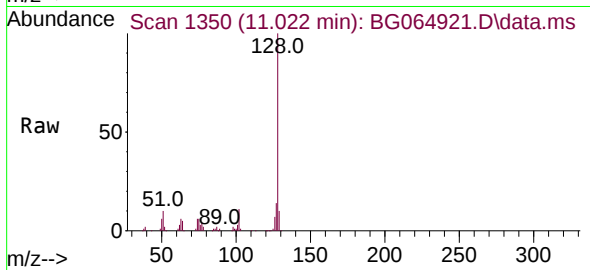
Tgt Ion:180 Resp: 86630
Ion Ratio Lower Upper
180 100
182 97.6 74.2 111.4
145 25.8 20.0 30.0





#31
Naphthalene
Concen: 45.192 ng
RT: 11.022 min Scan# 1352
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

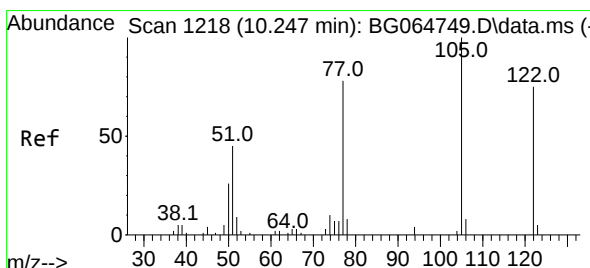
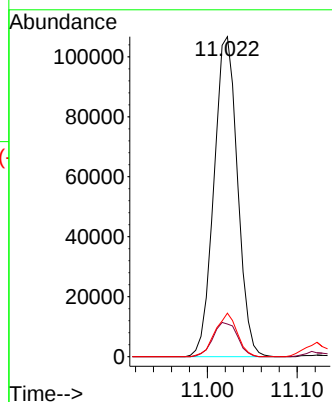
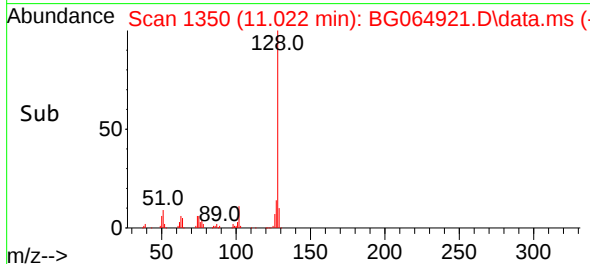
Instrument :
BNA_G
ClientSampleId :
TP-5MS



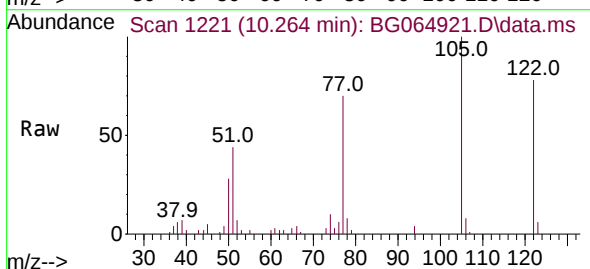
Tgt Ion:128 Resp: 194995
Ion Ratio Lower Upper
128 100
129 10.2 8.6 12.8
127 13.6 10.6 16.0

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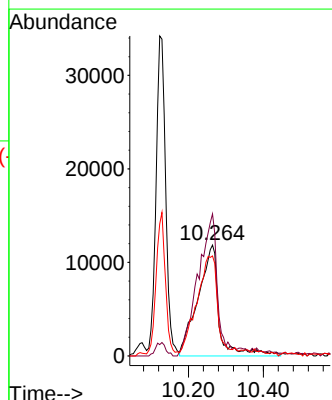
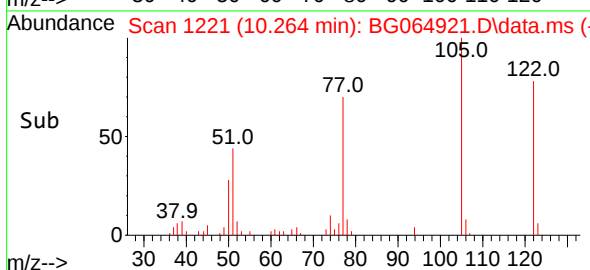
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

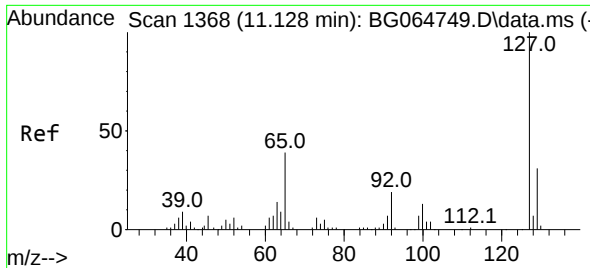


#32
Benzoic acid
Concen: 51.995 ng m
RT: 10.264 min Scan# 1221
Delta R.T. 0.017 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08



Tgt Ion:122 Resp: 46103
Ion Ratio Lower Upper
122 100
105 128.1 107.6 147.6
77 90.1 82.5 122.5





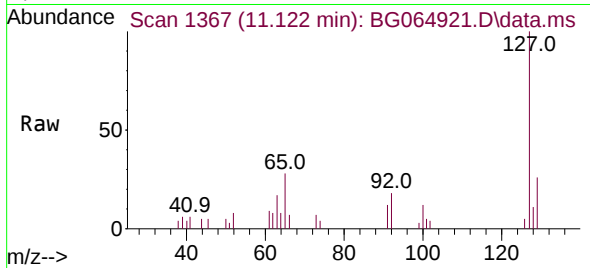
#33
4-Chloroaniline
Concen: 5.393 ng
RT: 11.122 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Instrument :

BNA_G

ClientSampleId :

TP-5MS

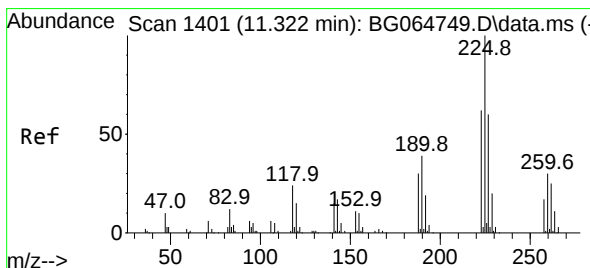
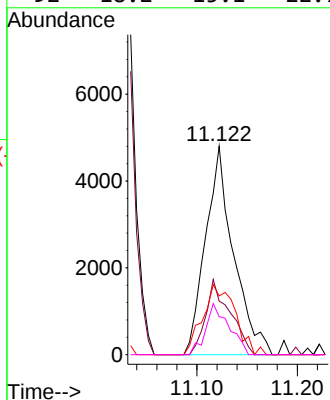
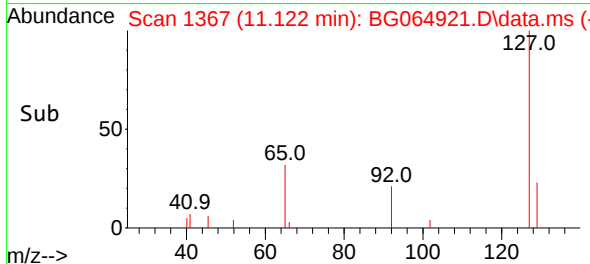


Tgt Ion:127 Resp: 9308
Ion Ratio Lower Upper
127 100
129 25.7 24.9 37.3
65 28.1 30.9 46.3
92 18.2 15.1 22.7

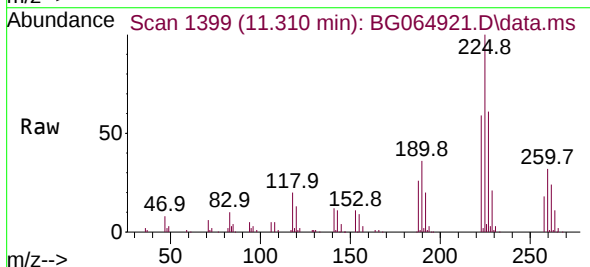
Manual Integrations

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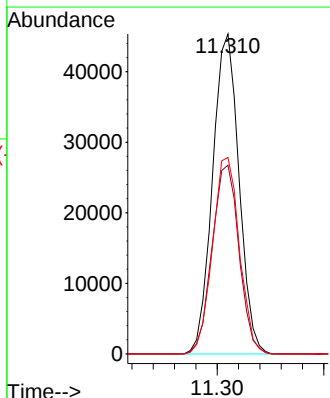
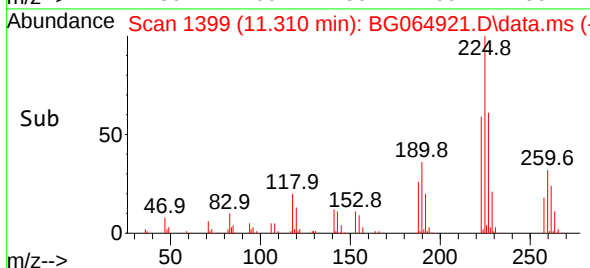
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

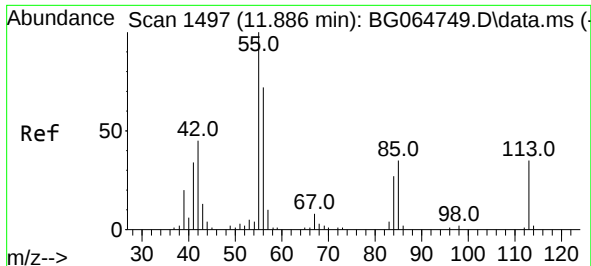


#34
Hexachlorobutadiene
Concen: 56.514 ng
RT: 11.310 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08



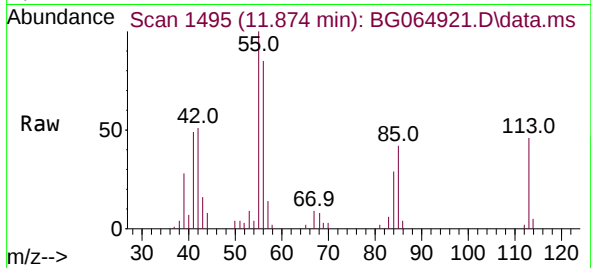
Tgt Ion:225 Resp: 78137
Ion Ratio Lower Upper
225 100
223 56.7 49.9 74.9
227 59.0 50.6 75.8





#35
Caprolactam
Concen: 48.719 ng m
RT: 11.874 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

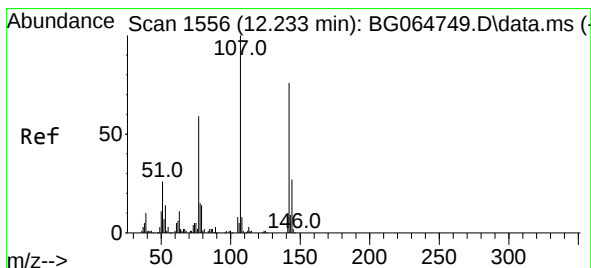
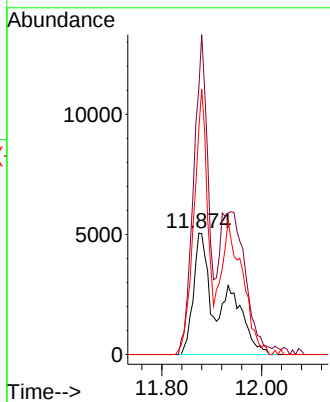
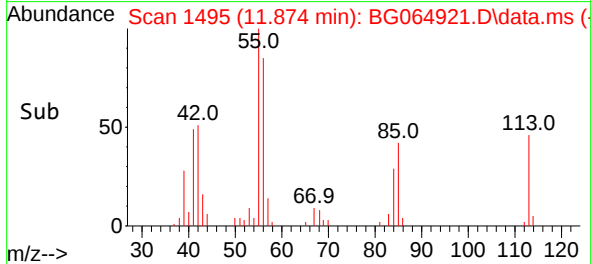
Instrument :
BNA_G
ClientSampleId :
TP-5MS



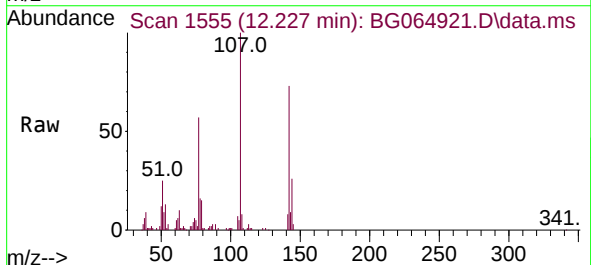
Tgt Ion:113 Resp: 19446
Ion Ratio Lower Upper
113 100
55 219.2 263.7 303.7
56 185.9 184.0 224.0

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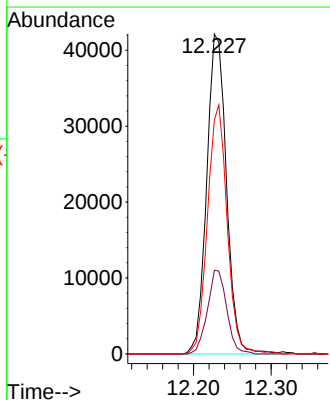
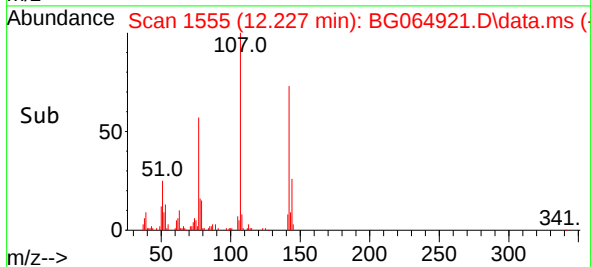
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

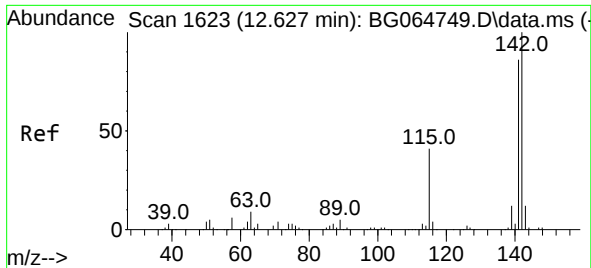


#36
4-Chloro-3-methylphenol
Concen: 50.219 ng
RT: 12.227 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08



Tgt Ion:107 Resp: 74592
Ion Ratio Lower Upper
107 100
144 26.1 21.7 32.5
142 73.1 60.8 91.2





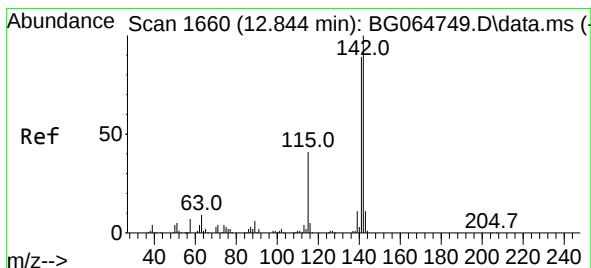
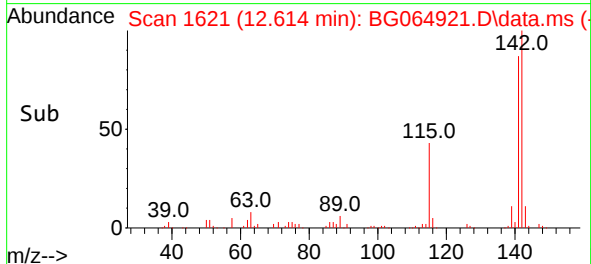
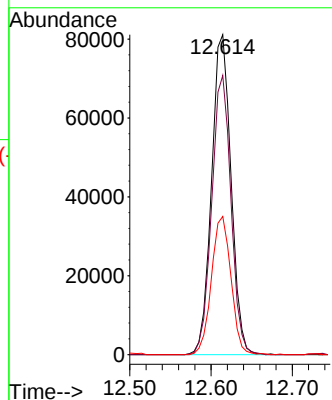
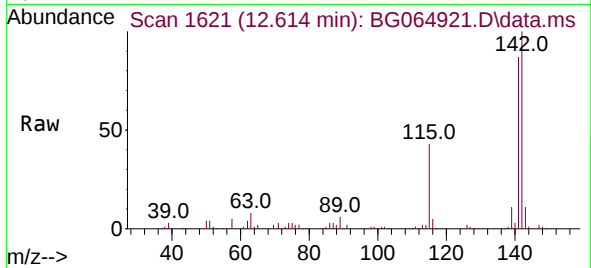
#37
2-Methylnaphthalene
Concen: 41.846 ng
RT: 12.614 min Scan# 1621
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:142 Resp: 135117
Ion Ratio Lower Upper
142 100
141 87.2 69.1 103.7
115 43.2 32.9 49.3

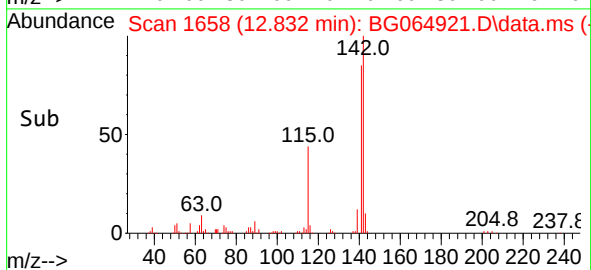
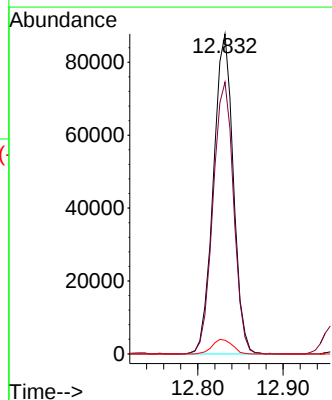
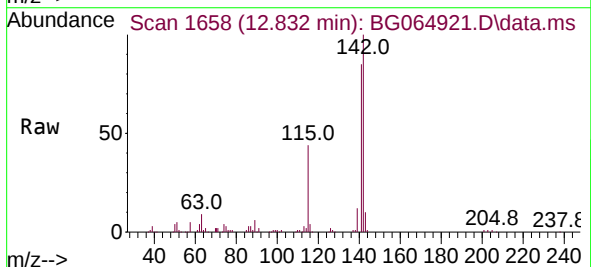
Manual Integrations
APPROVED

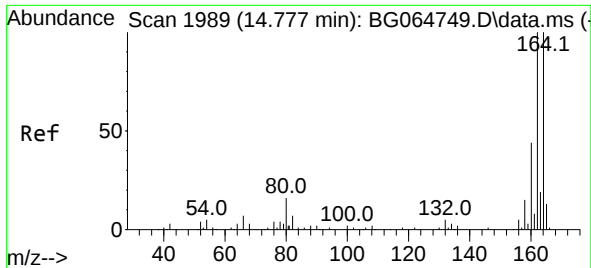
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#38
1-Methylnaphthalene
Concen: 44.292 ng
RT: 12.832 min Scan# 1658
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Tgt Ion:142 Resp: 142065
Ion Ratio Lower Upper
142 100
141 84.9 70.8 106.2
116 4.3 3.7 5.5





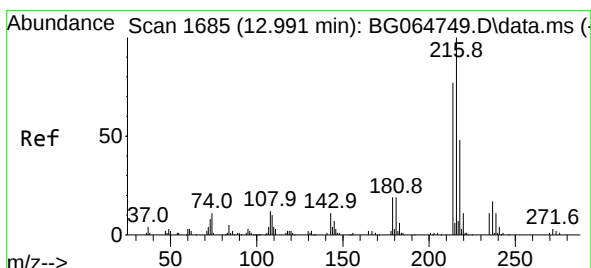
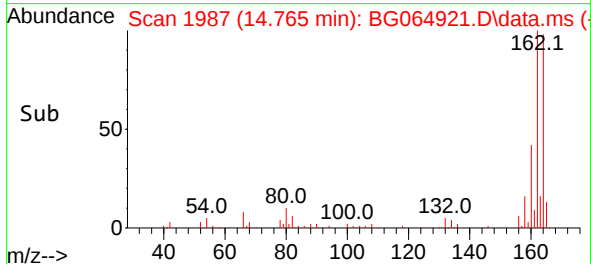
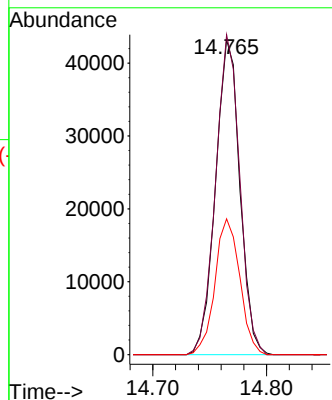
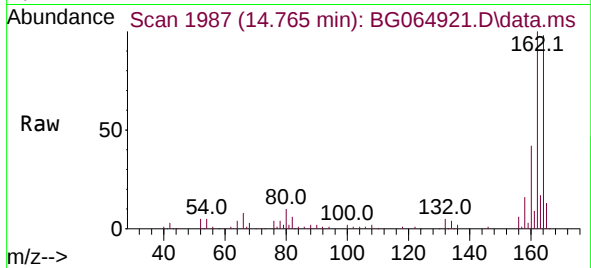
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.765 min Scan# 1989
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:164 Resp: 6408
Ion Ratio Lower Upper
164 100
162 101.7 79.8 119.6
160 43.2 34.9 52.3

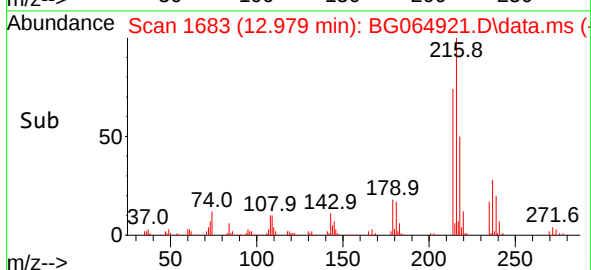
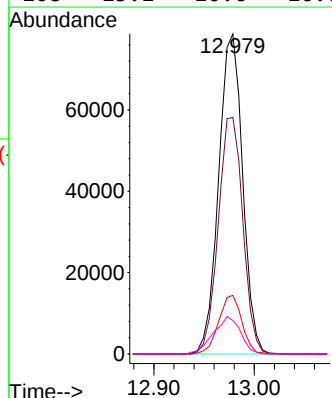
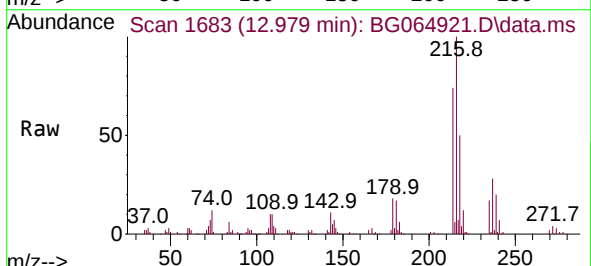
Manual Integrations
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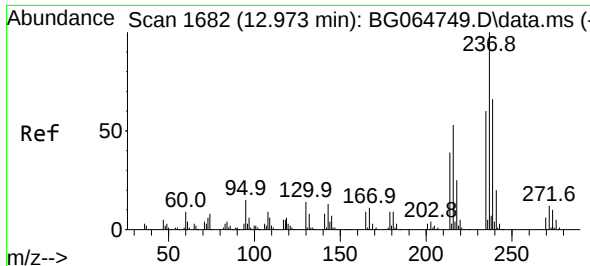
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.427 ng
RT: 12.979 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

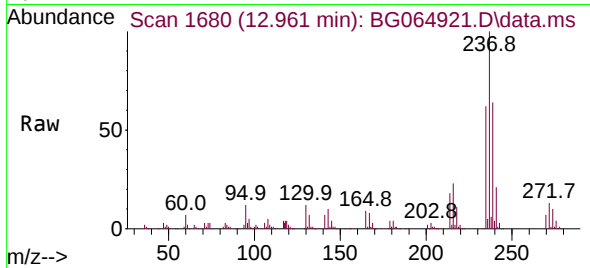
Tgt Ion:216 Resp: 130758
Ion Ratio Lower Upper
216 100
214 75.7 60.5 90.7
179 17.7 14.7 22.1
108 13.1 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 106.303 ng
RT: 12.961 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

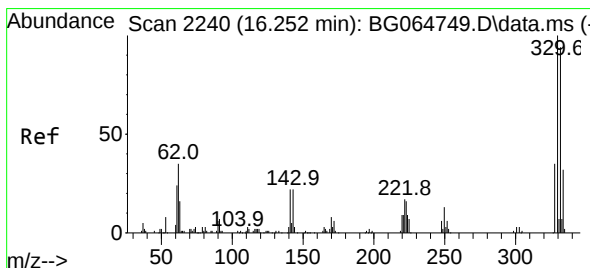
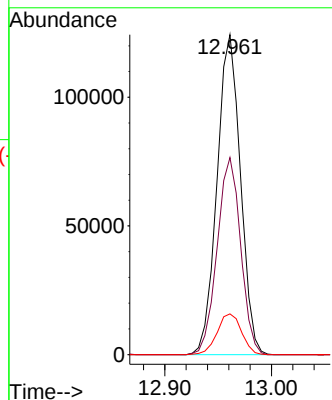
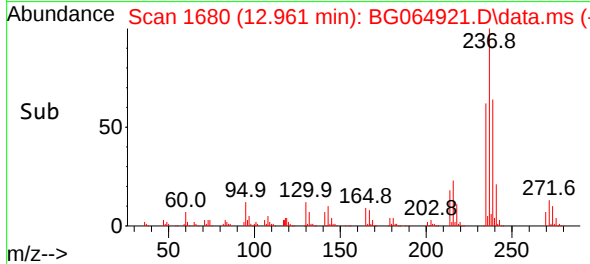
Instrument :
BNA_G
ClientSampleId :
TP-5MS



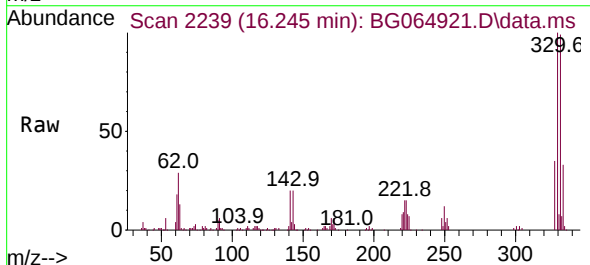
Tgt Ion:237 Resp: 190037
Ion Ratio Lower Upper
237 100
235 61.6 40.2 80.2
272 12.7 0.0 31.9

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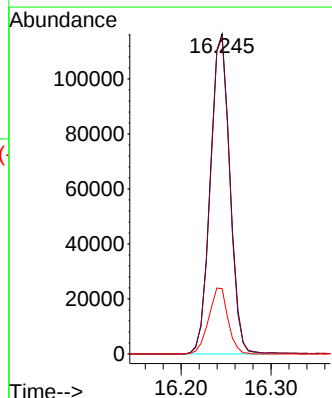
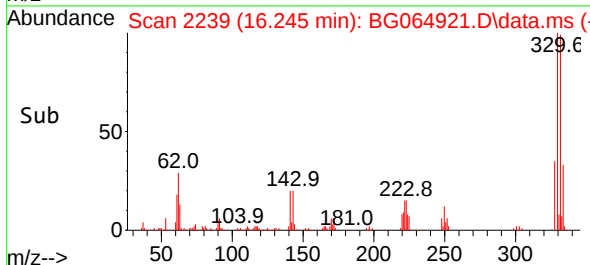
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

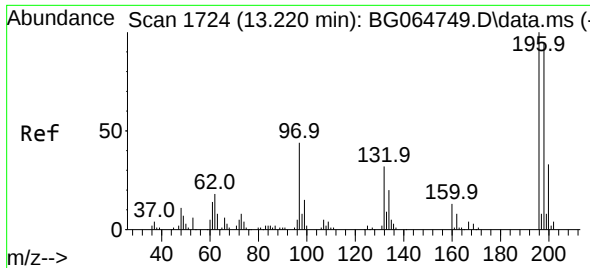


#42
2,4,6-Tribromophenol
Concen: 141.281 ng
RT: 16.245 min Scan# 2239
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08



Tgt Ion:330 Resp: 176586
Ion Ratio Lower Upper
330 100
332 98.7 77.0 115.6
141 20.2 18.2 27.2





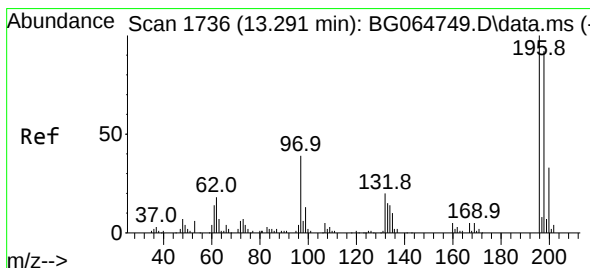
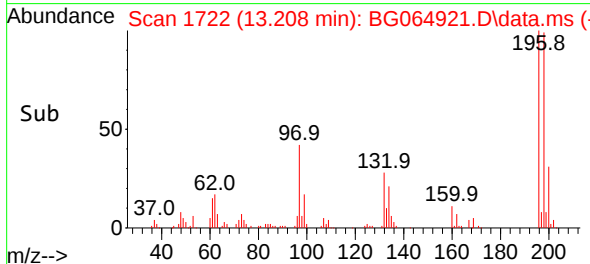
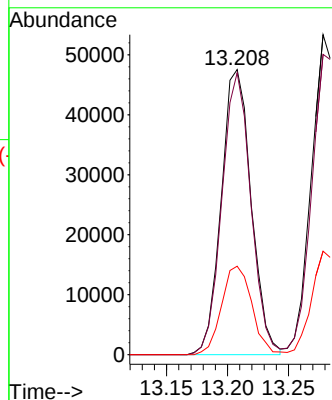
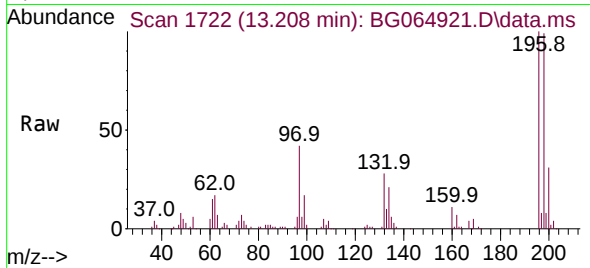
#43
2,4,6-Trichlorophenol
Concen: 55.563 ng
RT: 13.208 min Scan# 1722
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:196 Resp: 81334
Ion Ratio Lower Upper
196 100
198 98.9 75.3 112.9
200 31.0 26.2 39.2

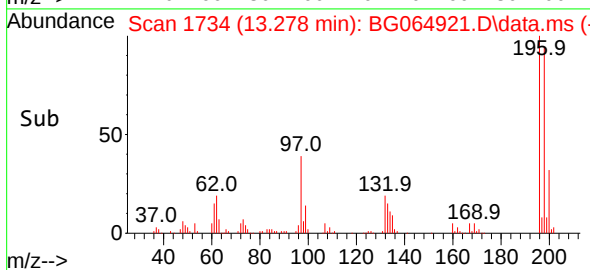
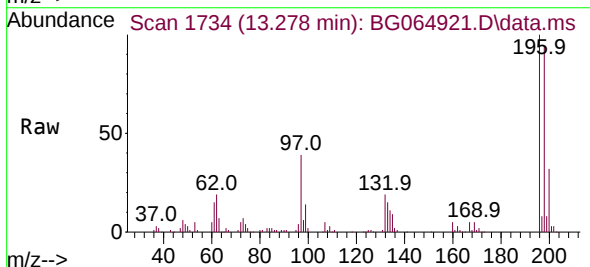
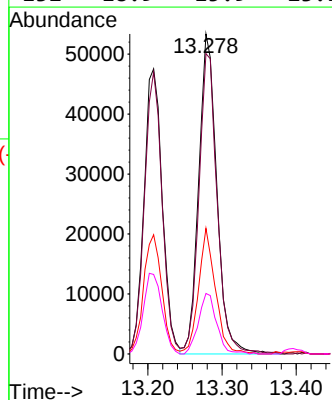
Manual Integrations
APPROVED

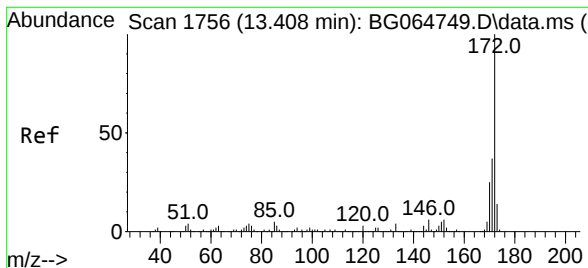
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#44
2,4,5-Trichlorophenol
Concen: 55.239 ng
RT: 13.278 min Scan# 1734
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

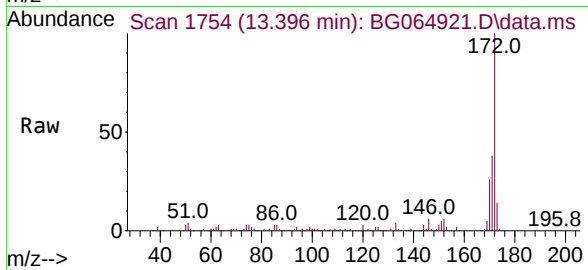
Tgt Ion:196 Resp: 90689
Ion Ratio Lower Upper
196 100
198 93.8 73.2 109.8
97 39.2 31.4 47.0
132 18.9 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 65.546 ng
RT: 13.396 min Scan# 1754
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

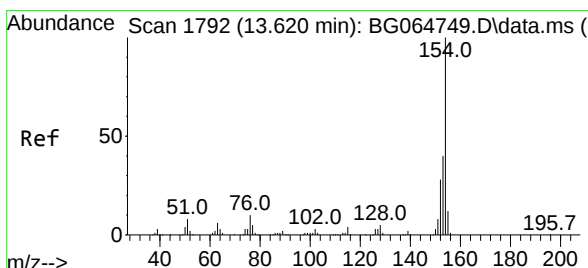
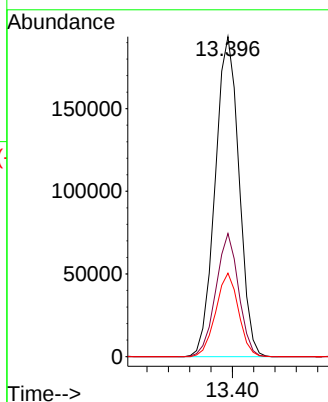
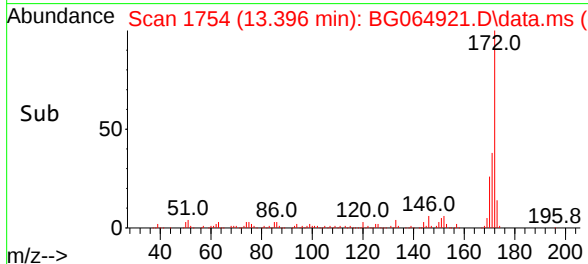
Instrument :
BNA_G
ClientSampleId :
TP-5MS



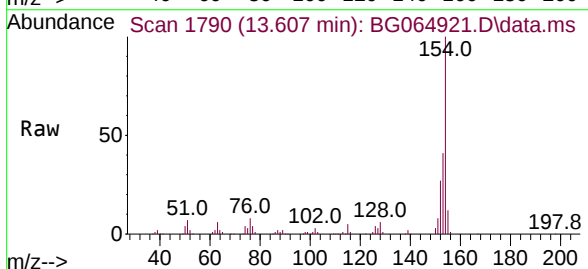
Tgt Ion:172 Resp: 301047
Ion Ratio Lower Upper
172 100
171 38.5 29.9 44.9
170 26.1 19.8 29.6

Manual Integrations
APPROVED

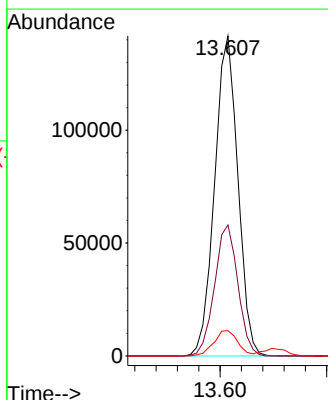
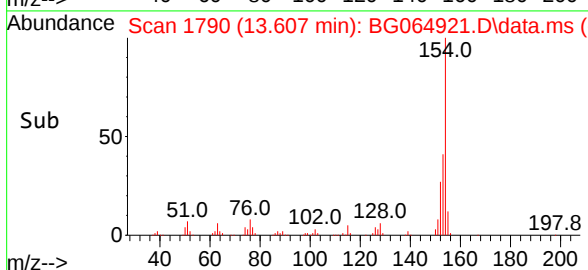
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

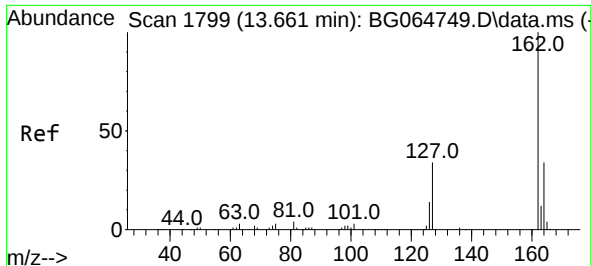


#46
1,1'-Biphenyl
Concen: 46.561 ng
RT: 13.607 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08



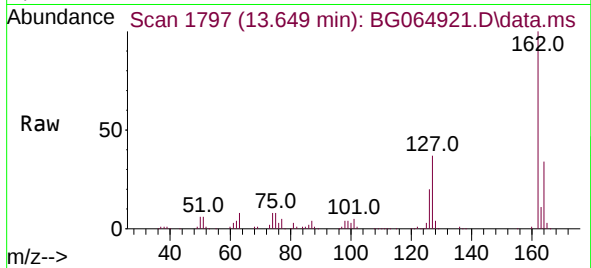
Tgt Ion:154 Resp: 214319
Ion Ratio Lower Upper
154 100
153 40.9 19.8 59.8
76 7.9 0.0 30.0





#47
2-Chloronaphthalene
Concen: 47.219 ng
RT: 13.649 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

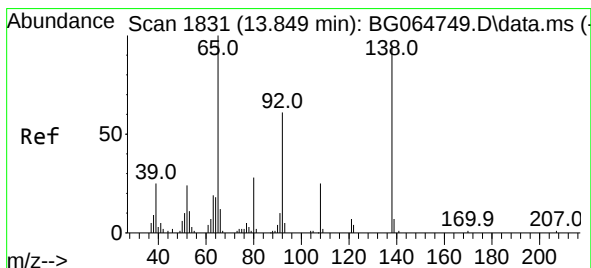
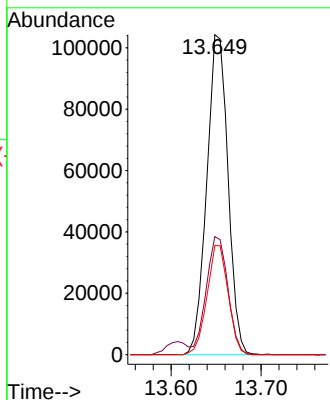
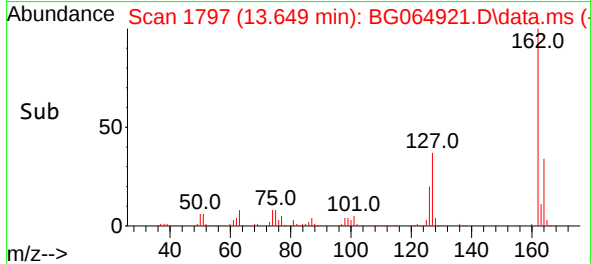
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:162 Resp: 171231
Ion Ratio Lower Upper
162 100
127 36.9 30.3 45.5
164 34.1 26.8 40.2

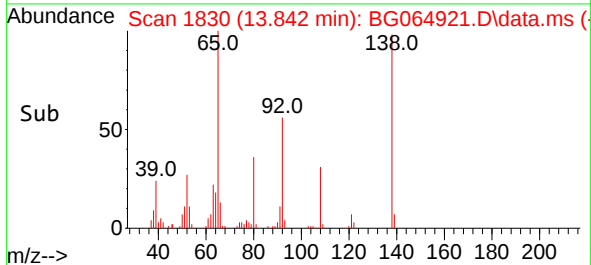
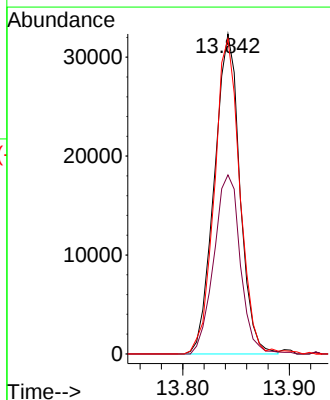
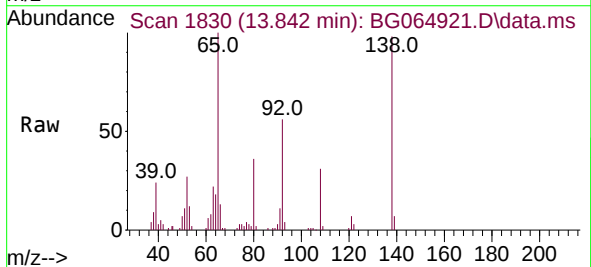
Manual Integrations
APPROVED

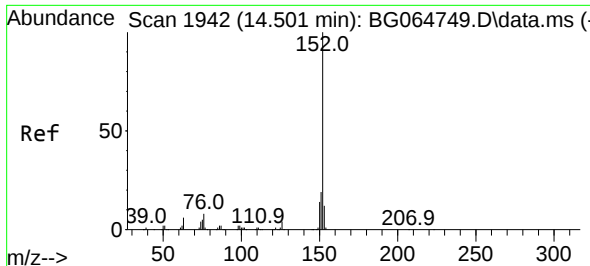
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#48
2-Nitroaniline
Concen: 46.233 ng
RT: 13.842 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

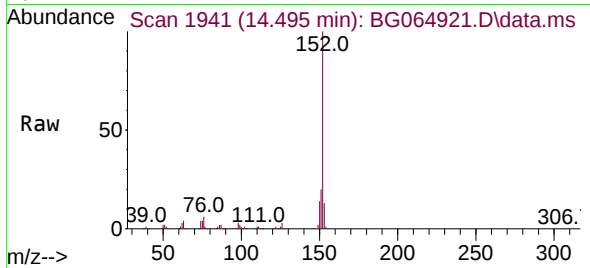
Tgt Ion: 65 Resp: 53925
Ion Ratio Lower Upper
65 100
92 55.9 48.6 73.0
138 98.5 76.4 114.6





#49
Acenaphthylene
Concen: 47.614 ng
RT: 14.495 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

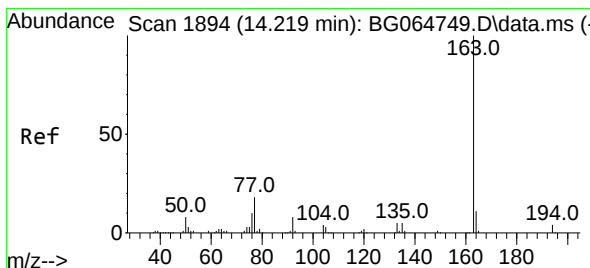
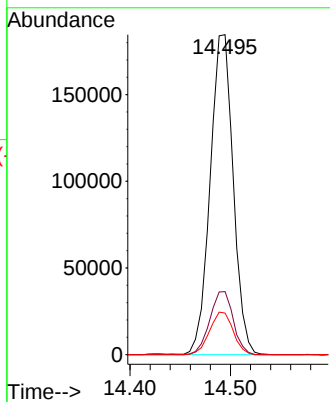
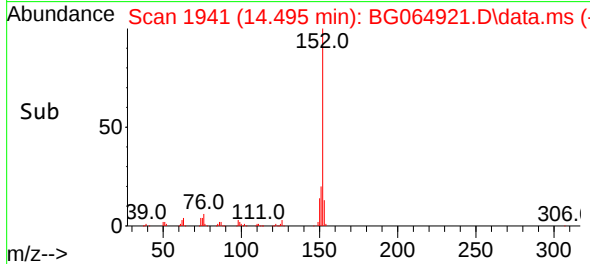
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:152 Resp: 294983
Ion Ratio Lower Upper
152 100
151 19.7 15.0 22.4
153 13.0 9.9 14.9

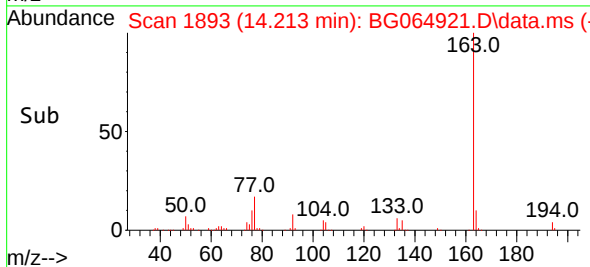
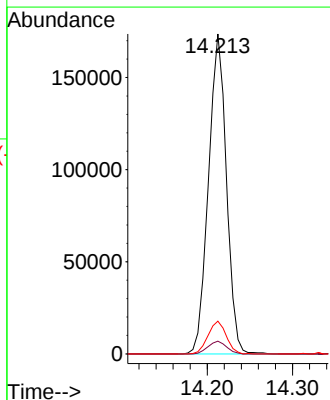
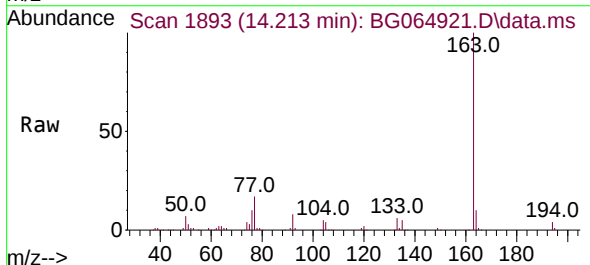
Manual Integrations
APPROVED

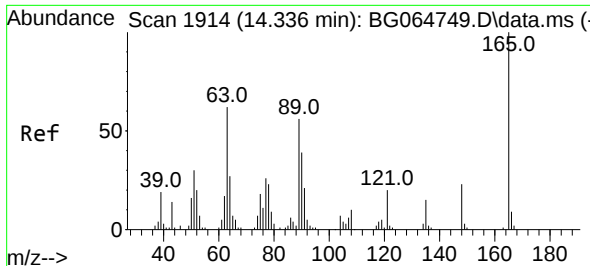
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#50
Dimethylphthalate
Concen: 50.092 ng
RT: 14.213 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Tgt Ion:163 Resp: 253589
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.6 12.8





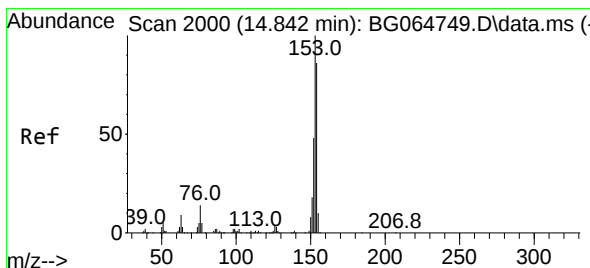
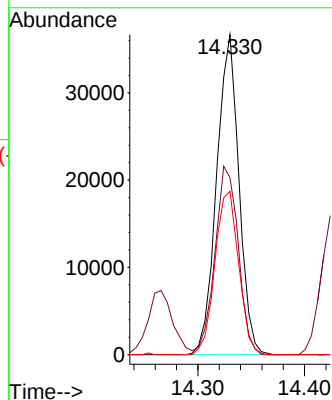
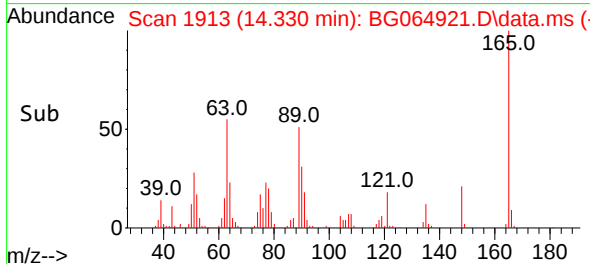
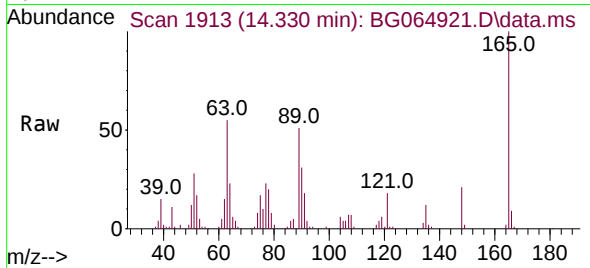
#51
2,6-Dinitrotoluene
Concen: 54.813 ng
RT: 14.330 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:165 Resp: 53395
Ion Ratio Lower Upper
165 100
63 55.3 49.8 74.8
89 51.0 45.0 67.4

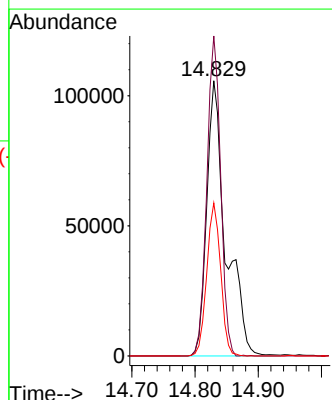
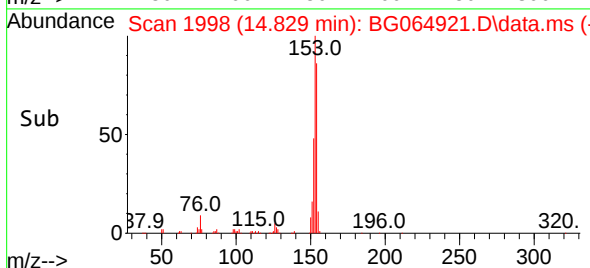
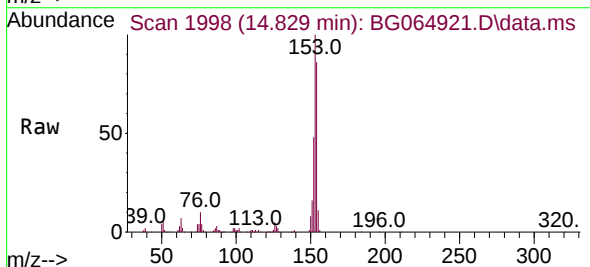
Manual Integrations
APPROVED

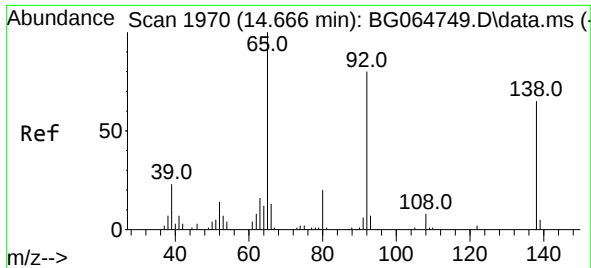
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#52
Acenaphthene
Concen: 59.879 ng m
RT: 14.829 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

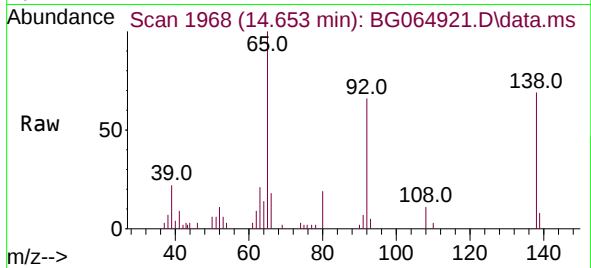
Tgt Ion:154 Resp: 222424
Ion Ratio Lower Upper
154 100
153 116.3 93.0 139.4
152 55.5 44.4 66.6





#53
3-Nitroaniline
Concen: 10.448 ng
RT: 14.653 min Scan# 1970
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

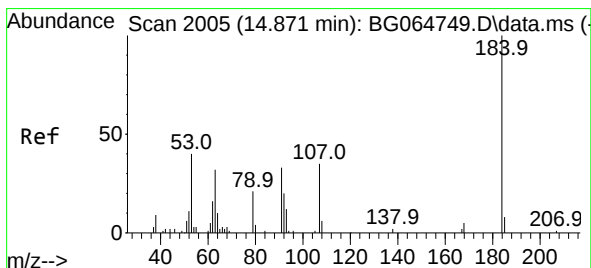
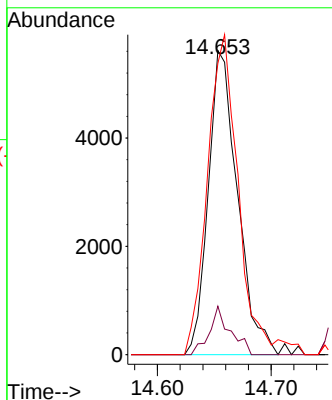
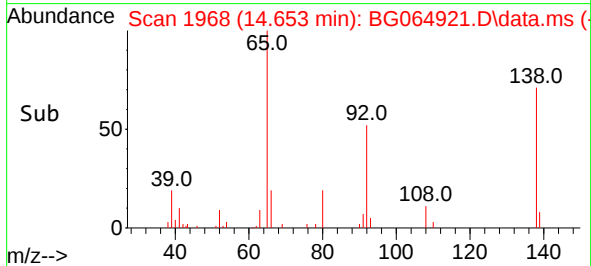
Instrument :
BNA_G
ClientSampleId :
TP-5MS



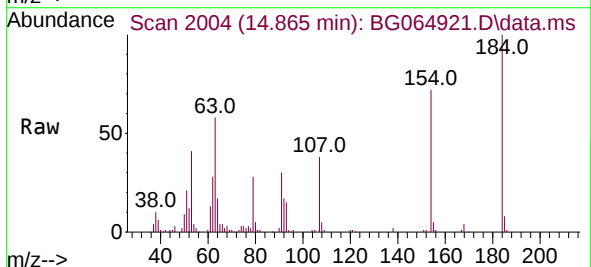
Tgt Ion:138 Resp: 10045
Ion Ratio Lower Upper
138 100
108 15.9 9.5 14.3
92 95.8 99.0 148.4

Manual Integrations
APPROVED

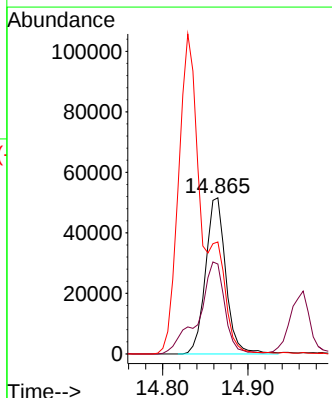
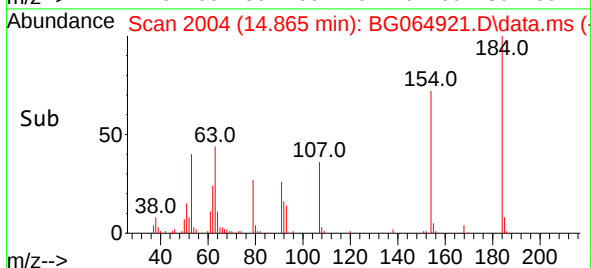
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

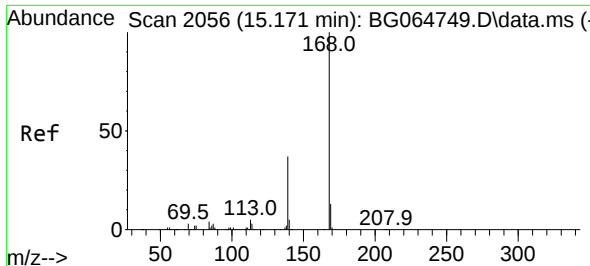


#54
2,4-Dinitrophenol
Concen: 122.280 ng
RT: 14.865 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08



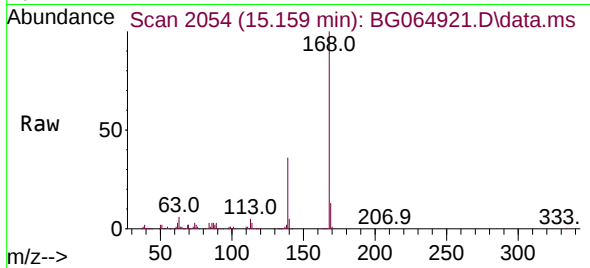
Tgt Ion:184 Resp: 84987
Ion Ratio Lower Upper
184 100
63 57.5 45.8 68.6
154 71.7 52.6 78.8





#55
Dibenzofuran
Concen: 48.395 ng
RT: 15.159 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

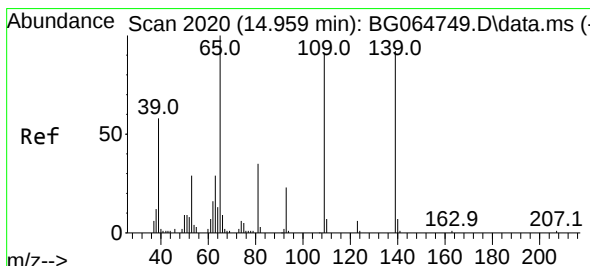
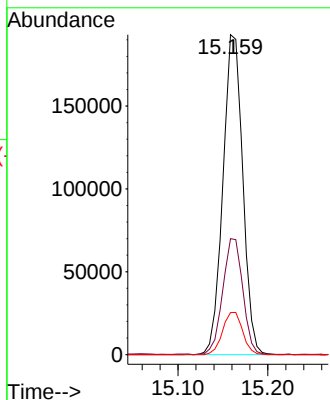
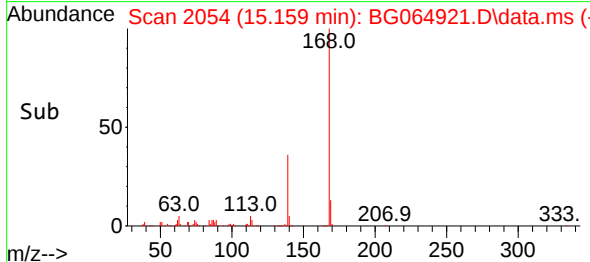
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:168 Resp: 297196
Ion Ratio Lower Upper
168 100
139 36.2 29.5 44.3
169 13.2 10.4 15.6

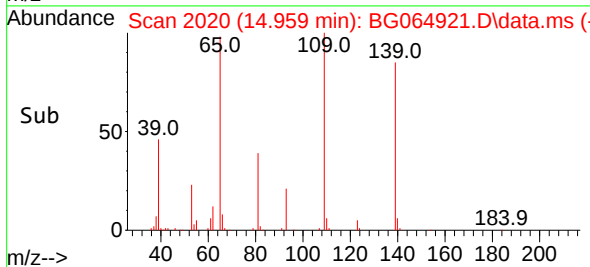
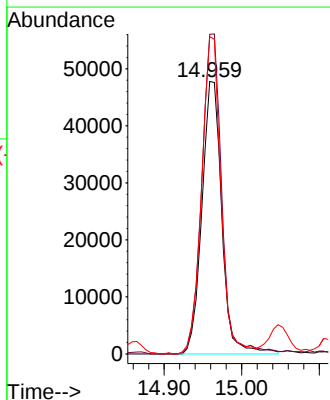
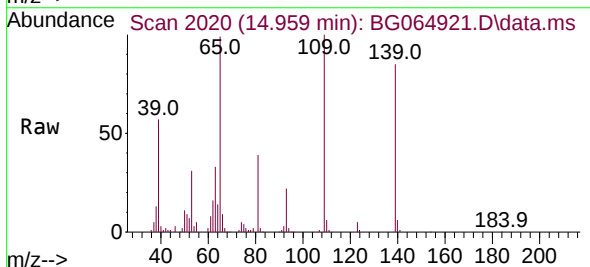
Manual Integrations
APPROVED

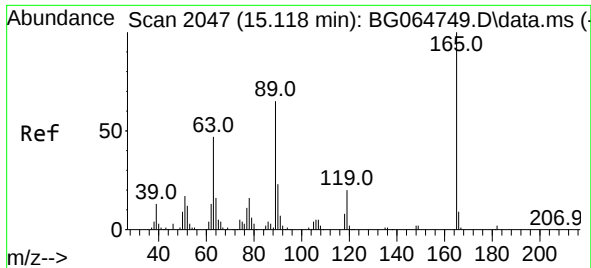
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#56
4-Nitrophenol
Concen: 111.535 ng
RT: 14.959 min Scan# 2020
Delta R.T. -0.001 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

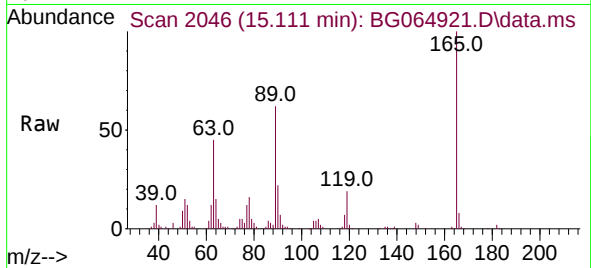
Tgt Ion:139 Resp: 85081
Ion Ratio Lower Upper
139 100
109 117.3 79.7 119.7
65 116.4 89.9 129.9





#57
2,4-Dinitrotoluene
Concen: 54.541 ng
RT: 15.111 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

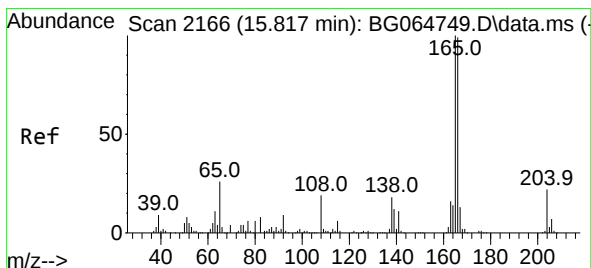
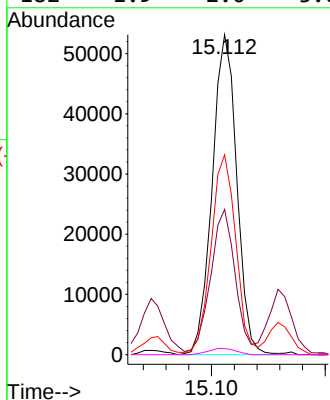
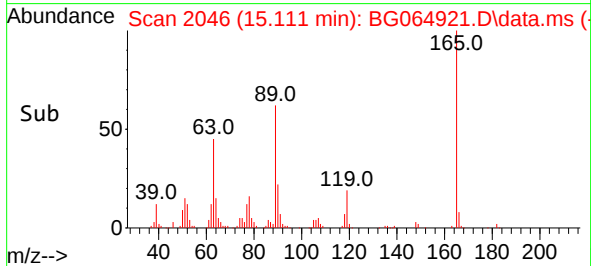
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:165 Resp: 79653
Ion Ratio Lower Upper
165 100
63 45.4 37.8 56.6
89 62.4 51.6 77.4
182 1.9 2.0 3.0#

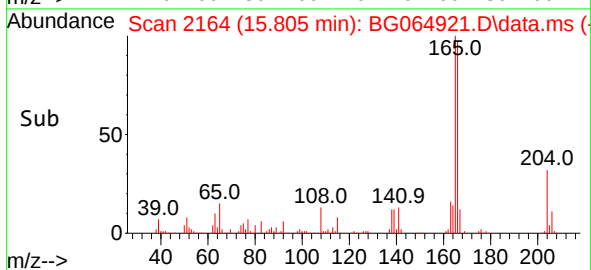
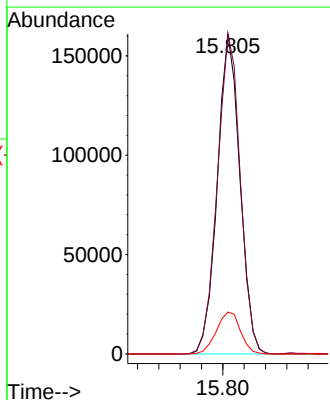
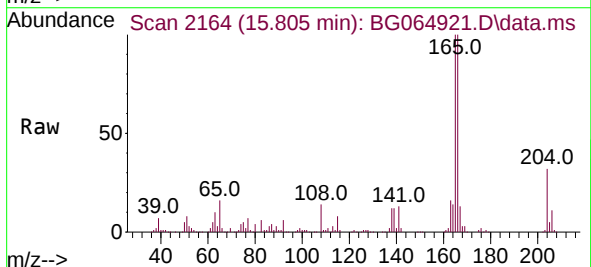
Manual Integrations
APPROVED

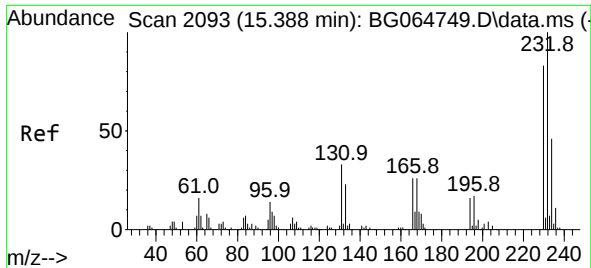
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#58
Fluorene
Concen: 49.305 ng
RT: 15.805 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

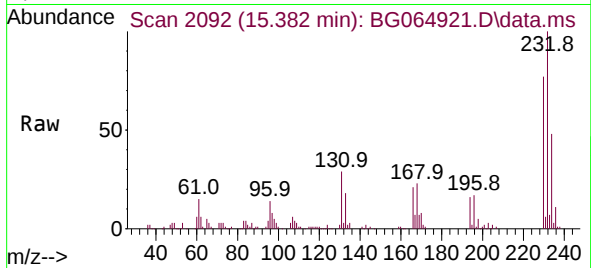
Tgt Ion:166 Resp: 237478
Ion Ratio Lower Upper
166 100
165 100.2 80.5 120.7
167 13.1 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 64.456 ng
RT: 15.382 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

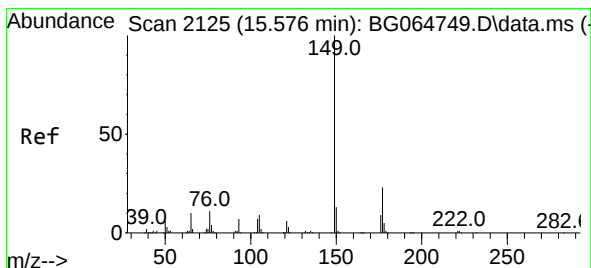
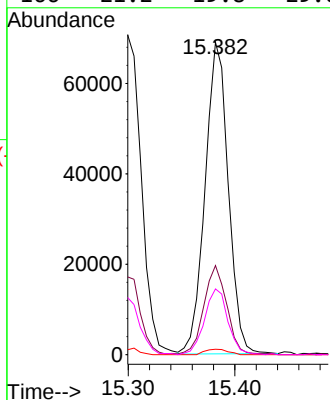
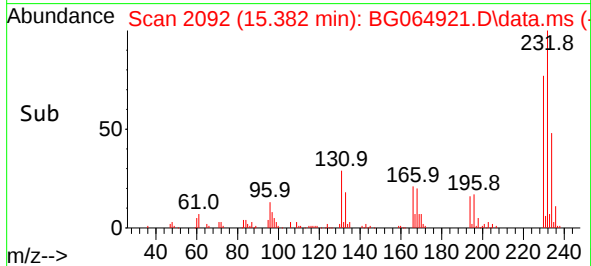
Instrument :
BNA_G
ClientSampleId :
TP-5MS



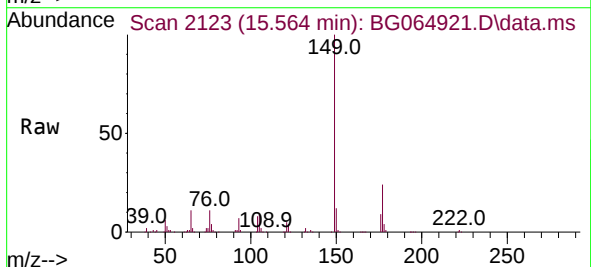
Tgt Ion:232 Resp: 104409
Ion Ratio Lower Upper
232 100
131 28.2 26.0 39.0
130 1.7 1.6 2.4
166 21.2 19.8 29.6

Manual Integrations
APPROVED

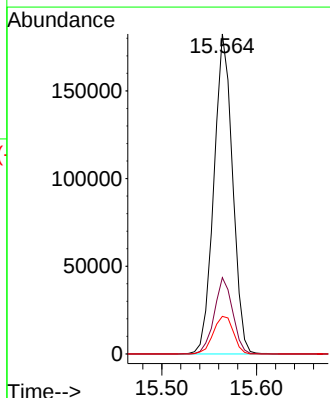
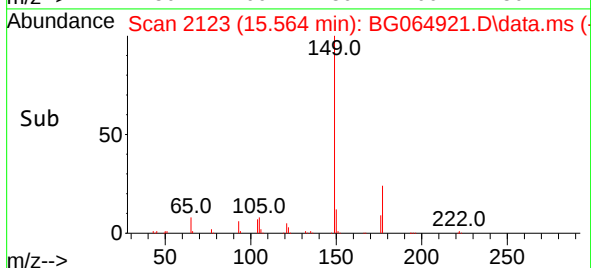
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

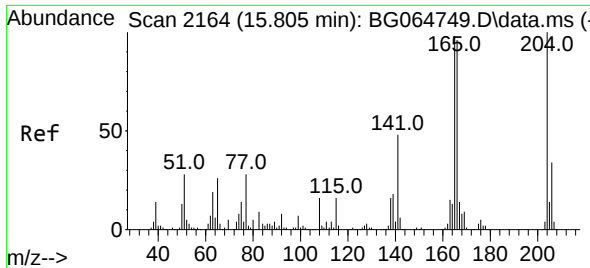


#60
Diethylphthalate
Concen: 51.450 ng
RT: 15.564 min Scan# 2123
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08



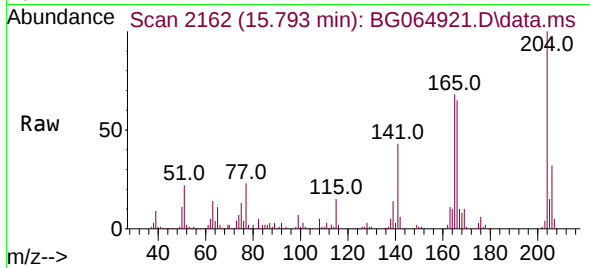
Tgt Ion:149 Resp: 249511
Ion Ratio Lower Upper
149 100
177 23.8 18.4 27.6
150 11.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 54.184 ng
RT: 15.793 min Scan# 2162
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

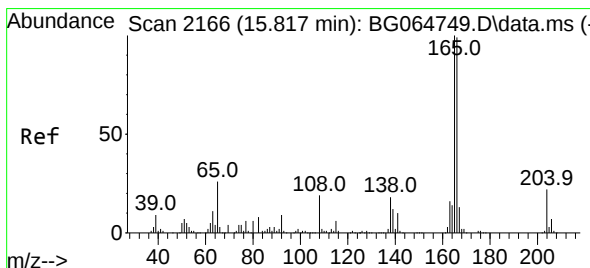
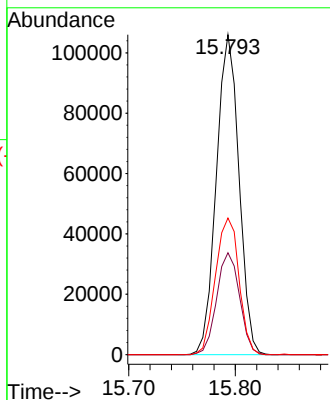
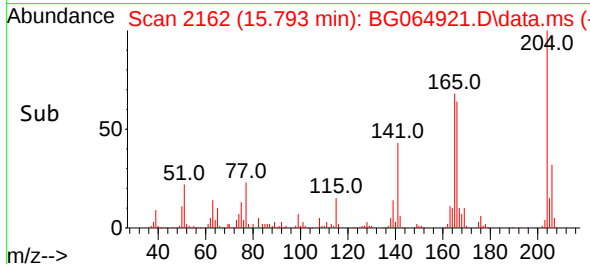
Instrument :
BNA_G
ClientSampleId :
TP-5MS



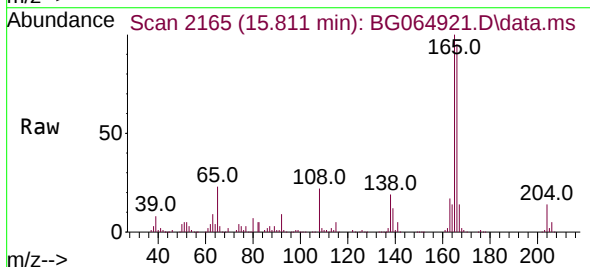
Tgt Ion:204 Resp: 15662
Ion Ratio Lower Upper
204 100
206 31.8 26.9 40.3
141 42.7 38.1 57.1

Manual Integrations
APPROVED

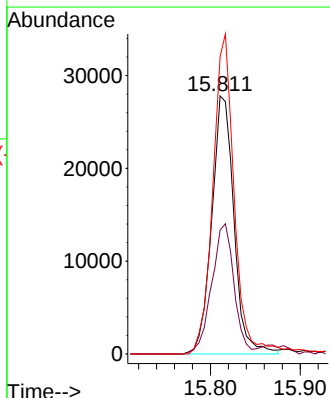
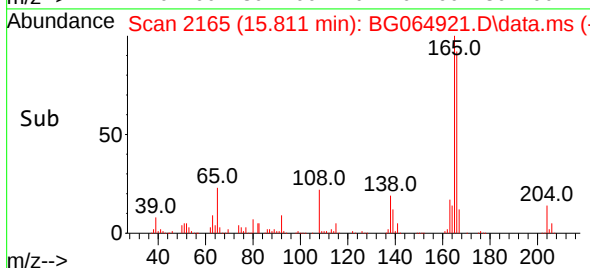
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

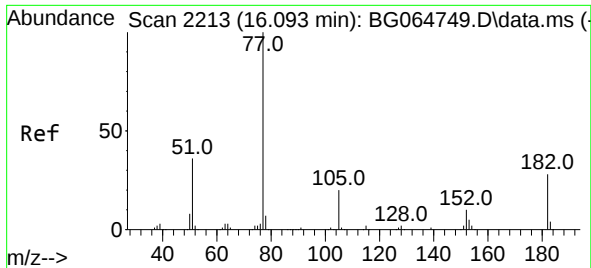


#62
4-Nitroaniline
Concen: 47.986 ng
RT: 15.811 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08



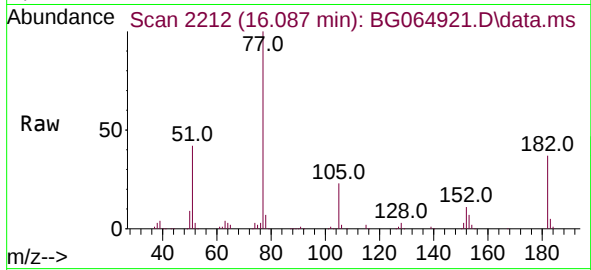
Tgt Ion:138 Resp: 47796
Ion Ratio Lower Upper
138 100
92 48.0 30.7 70.7
108 115.2 85.7 125.7





#63
Azobenzene
Concen: 49.526 ng
RT: 16.087 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

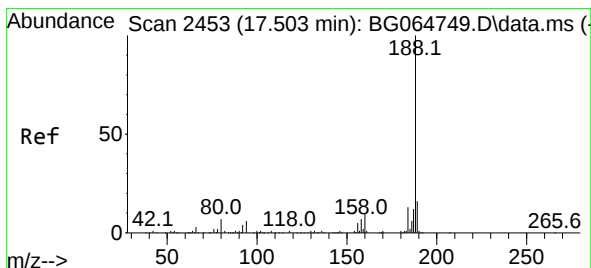
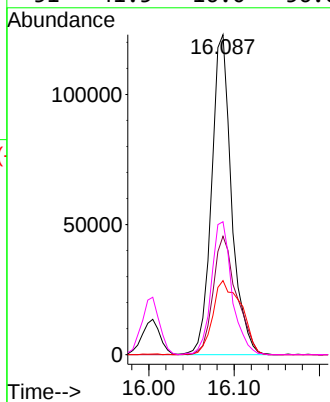
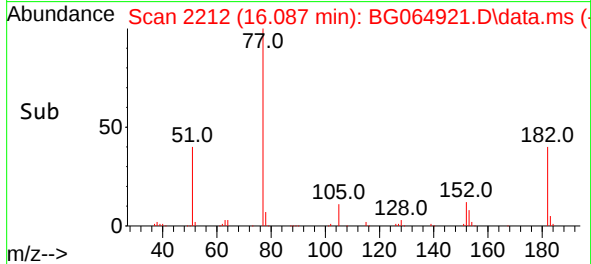
Instrument :
BNA_G
ClientSampleId :
TP-5MS



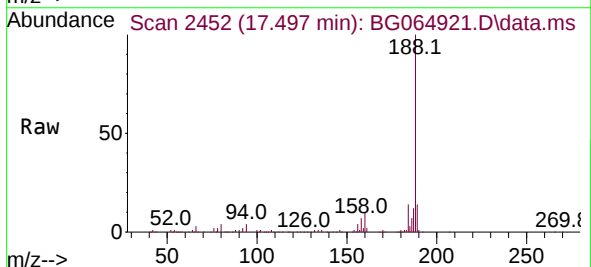
Tgt Ion: 77 Resp: 199772
Ion Ratio Lower Upper
77 100
182 37.0 8.1 48.1
105 23.1 0.1 40.1
51 41.5 16.0 56.0

Manual Integrations
APPROVED

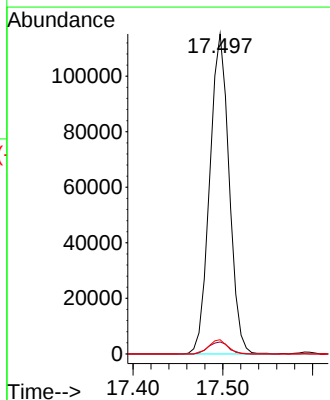
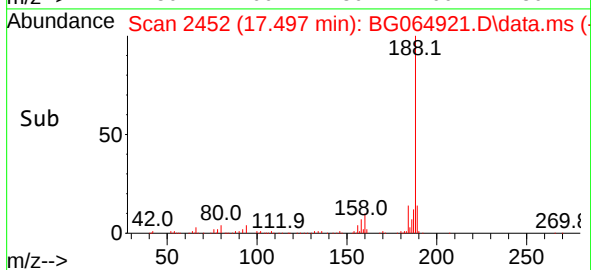
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

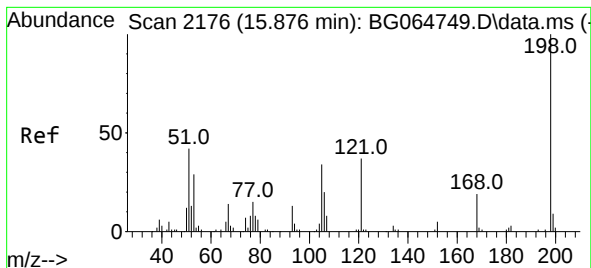


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.497 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08



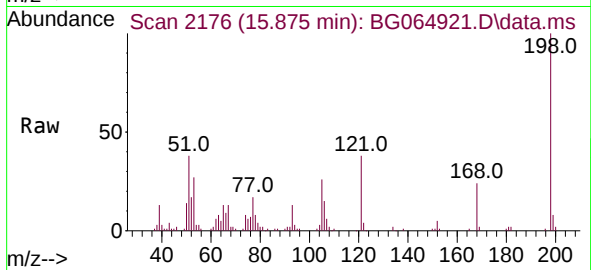
Tgt Ion:188 Resp: 173032
Ion Ratio Lower Upper
188 100
94 3.7 4.7 7.1#
80 4.5 5.4 8.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 65.277 ng
RT: 15.875 min Scan# 2176
Delta R.T. -0.001 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

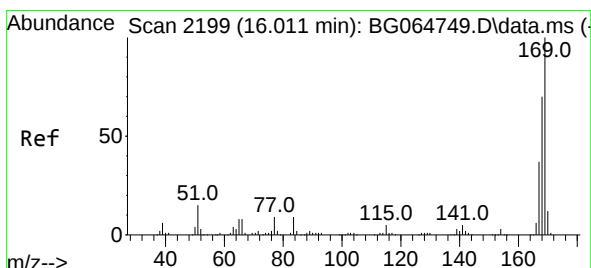
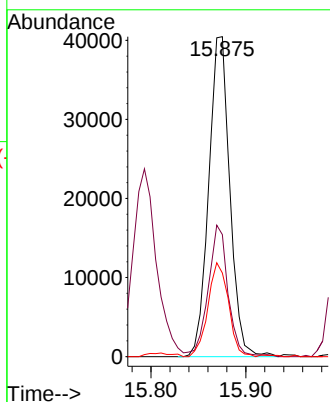
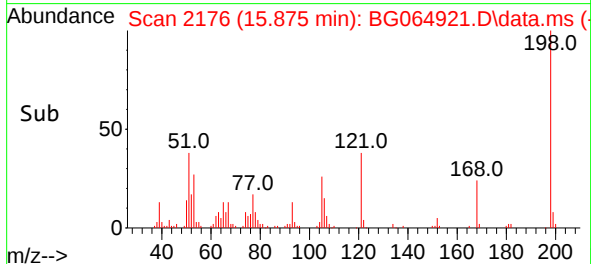
Instrument :
BNA_G
ClientSampleId :
TP-5MS



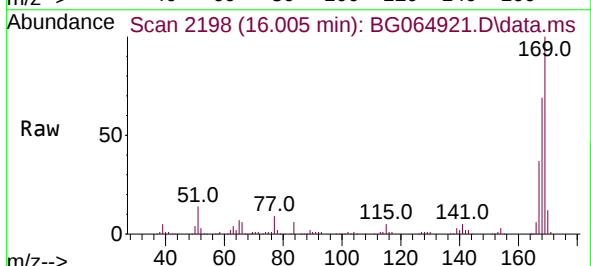
Tgt Ion:198 Resp: 62712
Ion Ratio Lower Upper
198 100
51 38.1 25.2 65.2
105 26.1 14.2 54.2

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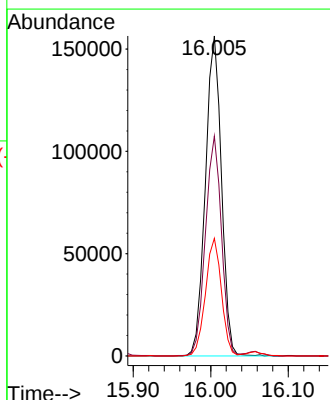
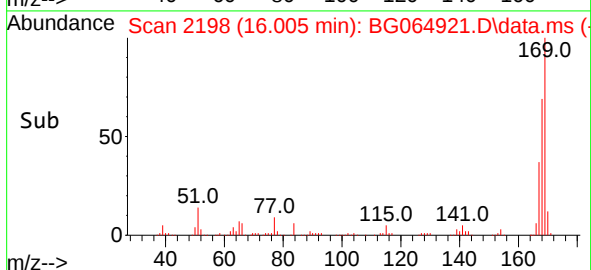
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

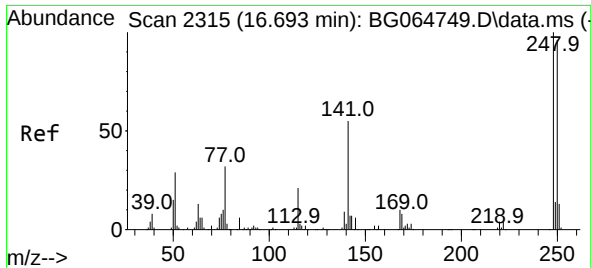


#66
n-Nitrosodiphenylamine
Concen: 49.596 ng
RT: 16.005 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08



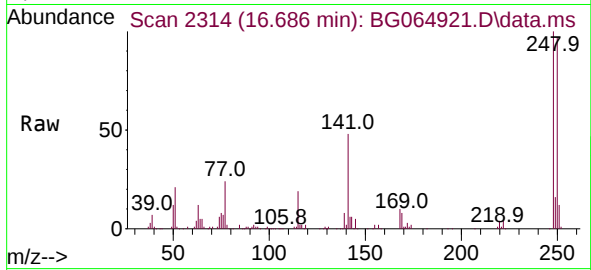
Tgt Ion:169 Resp: 224783
Ion Ratio Lower Upper
169 100
168 68.7 55.9 83.9
167 36.7 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 54.494 ng
RT: 16.686 min Scan# 2314
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

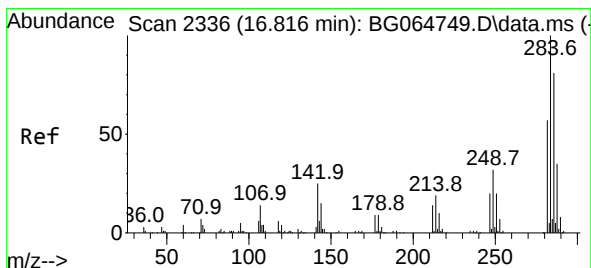
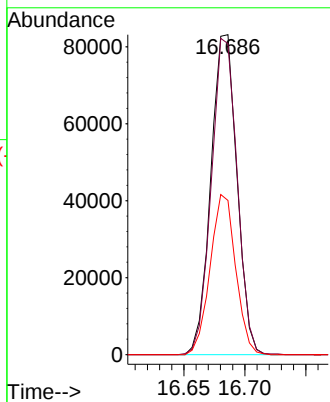
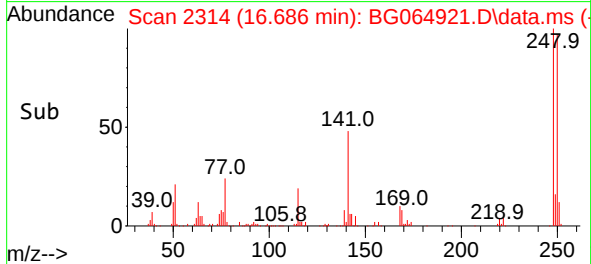
Instrument :
BNA_G
ClientSampleId :
TP-5MS



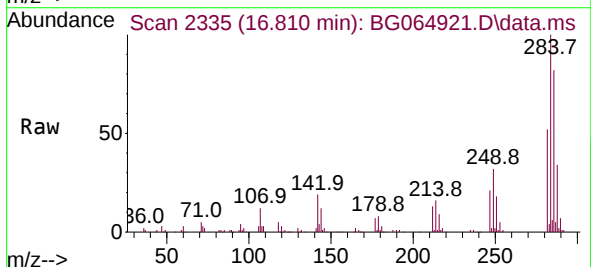
Tgt Ion:248 Resp: 123827
Ion Ratio Lower Upper
248 100
250 97.2 77.0 115.6
141 48.2 43.7 65.5

Manual Integrations
APPROVED

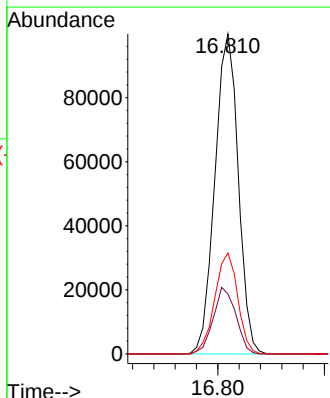
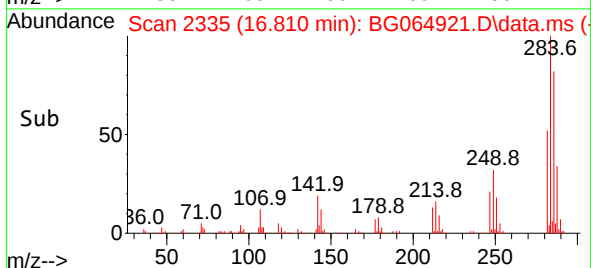
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

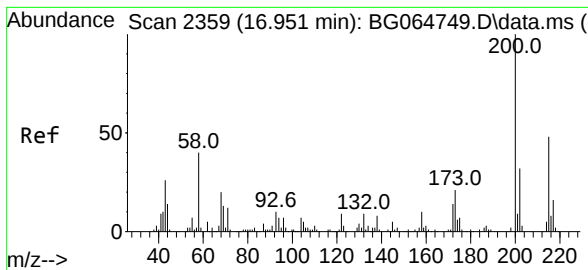


#68
Hexachlorobenzene
Concen: 55.190 ng
RT: 16.810 min Scan# 2335
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08



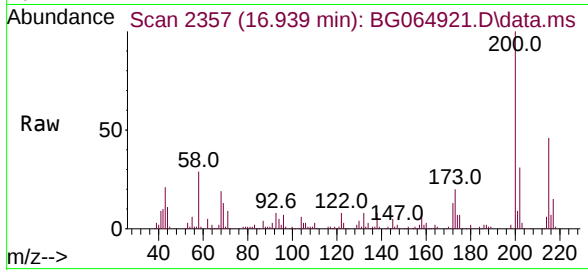
Tgt Ion:284 Resp: 151938
Ion Ratio Lower Upper
284 100
142 18.8 19.7 29.5#
249 31.5 28.1 42.1





#69
 Atrazine
 Concen: 53.129 ng
 RT: 16.939 min Scan# 2357
 Delta R.T. -0.012 min
 Lab File: BG064921.D
 Acq: 10 Dec 2025 15:08

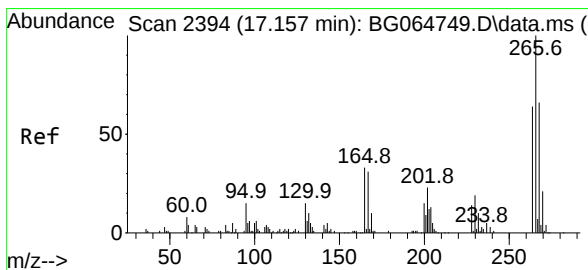
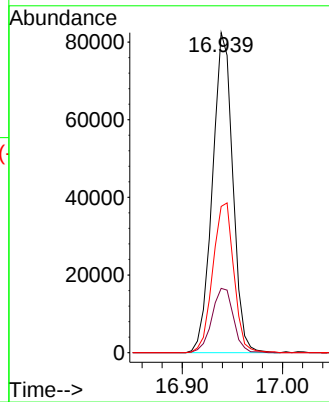
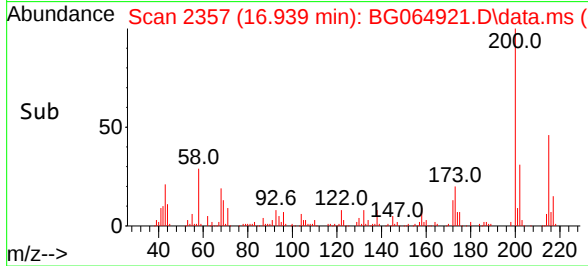
Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS



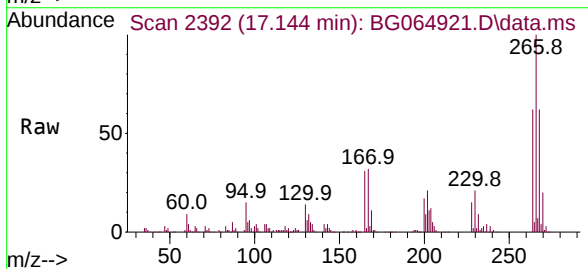
Tgt Ion:200 Resp: 116096
 Ion Ratio Lower Upper
 200 100
 173 20.1 0.9 40.9
 215 45.7 27.5 67.5

Manual Integrations
 APPROVED

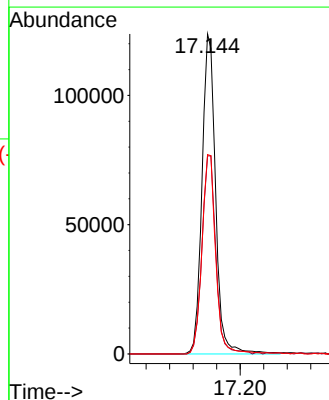
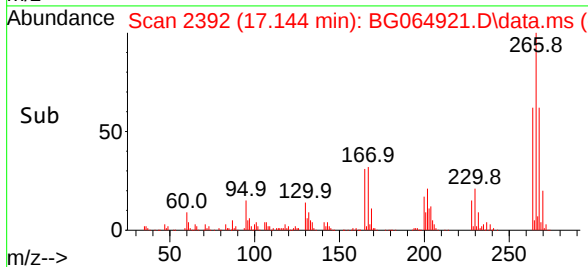
Reviewed By :Jagrut Upadhyay 12/11/2025
 Supervised By :Sohil Jodhani 12/12/2025

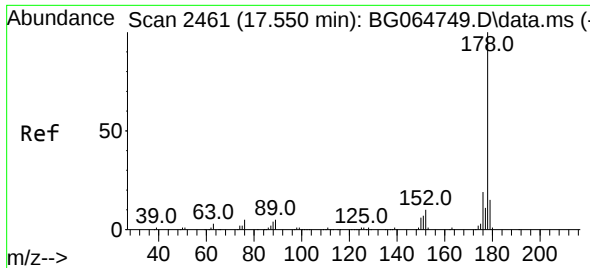


#70
 Pentachlorophenol
 Concen: 118.469 ng
 RT: 17.144 min Scan# 2392
 Delta R.T. -0.013 min
 Lab File: BG064921.D
 Acq: 10 Dec 2025 15:08



Tgt Ion:266 Resp: 198216
 Ion Ratio Lower Upper
 266 100
 268 66.3 56.1 84.1
 264 62.3 51.2 76.8





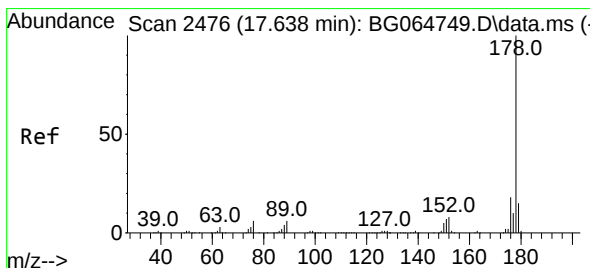
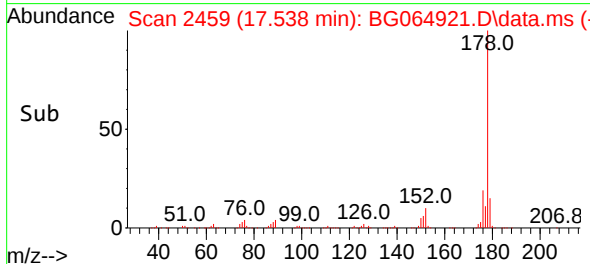
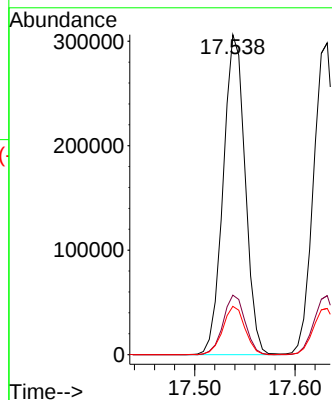
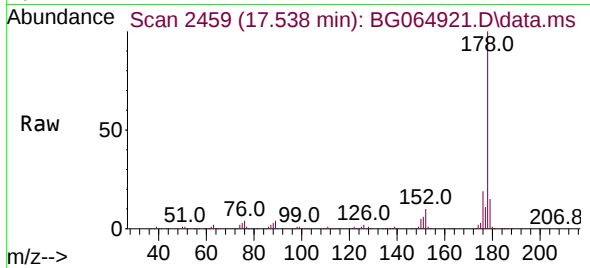
#71
Phenanthrene
Concen: 49.141 ng
RT: 17.538 min Scan# 2461
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:178 Resp: 465228
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.1 12.2 18.4

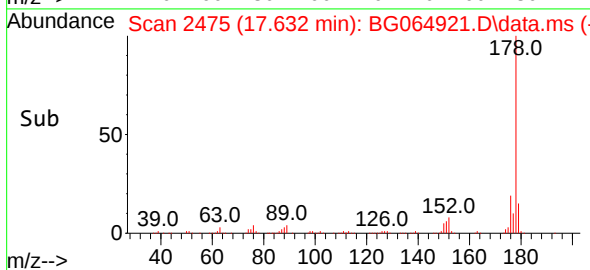
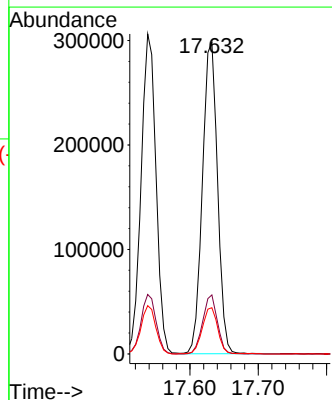
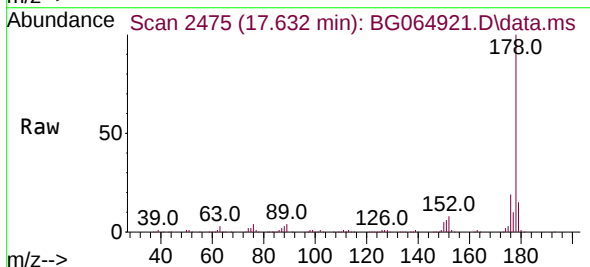
Manual Integrations
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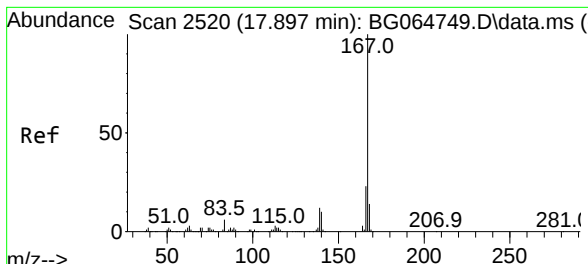
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#72
Anthracene
Concen: 47.569 ng
RT: 17.632 min Scan# 2475
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

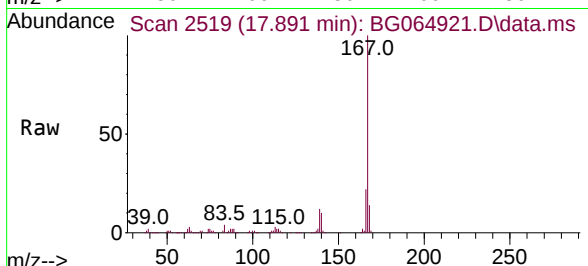
Tgt Ion:178 Resp: 459207
Ion Ratio Lower Upper
178 100
176 18.9 14.5 21.7
179 14.8 12.2 18.4





#73
 Carbazole
 Concen: 48.012 ng
 RT: 17.891 min Scan# 2519
 Delta R.T. -0.006 min
 Lab File: BG064921.D
 Acq: 10 Dec 2025 15:08

Instrument : BNA_G
 ClientSampleId : TP-5MS

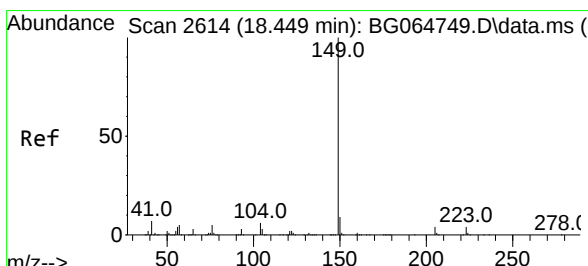
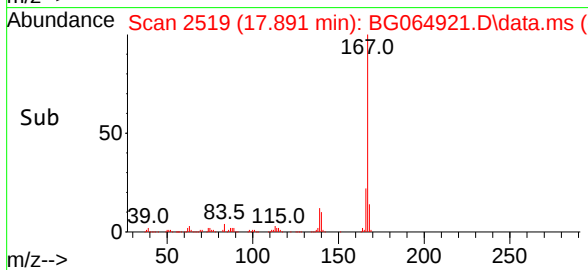
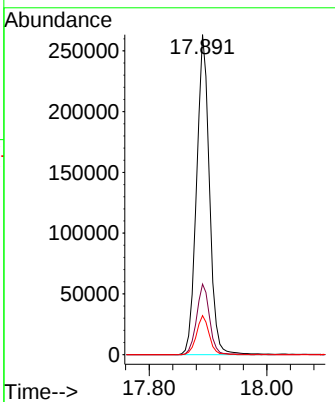


Tgt Ion:167 Resp: 398437

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.0	27.0
139	12.2	9.7	14.5

Manual Integrations
 APPROVED

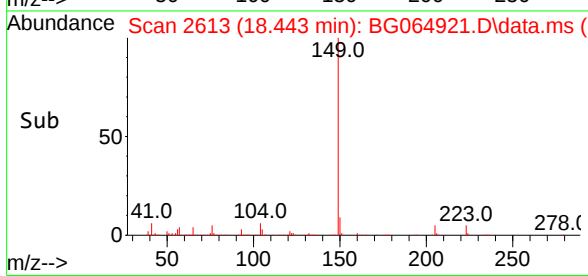
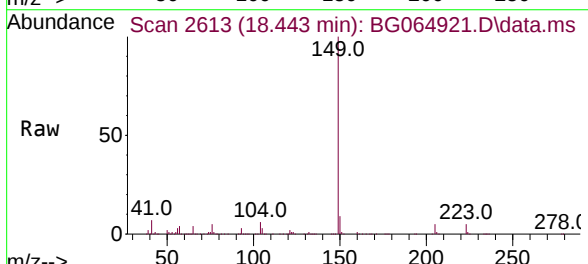
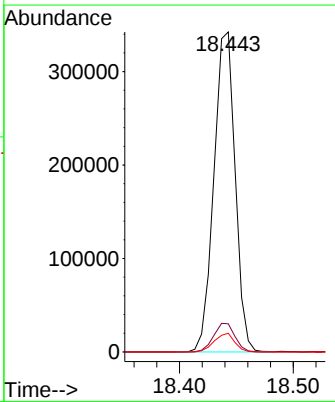
Reviewed By :Jagrut Upadhyay 12/11/2025
 Supervised By :Sohil Jodhani 12/12/2025

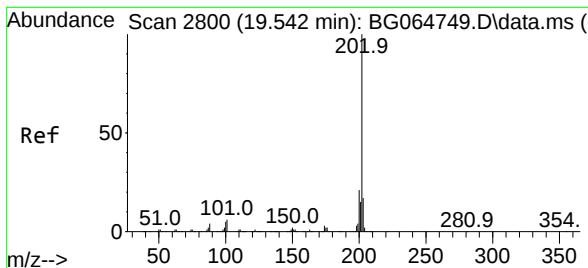


#74
 Di-n-butylphthalate
 Concen: 48.001 ng
 RT: 18.443 min Scan# 2613
 Delta R.T. -0.006 min
 Lab File: BG064921.D
 Acq: 10 Dec 2025 15:08

Tgt Ion:149 Resp: 444411

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	5.8	4.4	6.6





#75

Fluoranthene

Concen: 50.549 ng

RT: 19.536 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064921.D

Acq: 10 Dec 2025 15:08

Instrument :

BNA_G

ClientSampleId :

TP-5MS

Tgt Ion:202 Resp: 65440

Ion Ratio Lower Upper

202 100

101 3.9 0.0 26.4

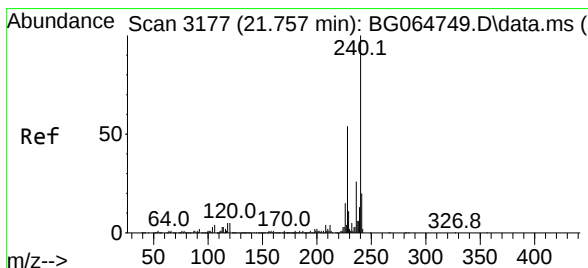
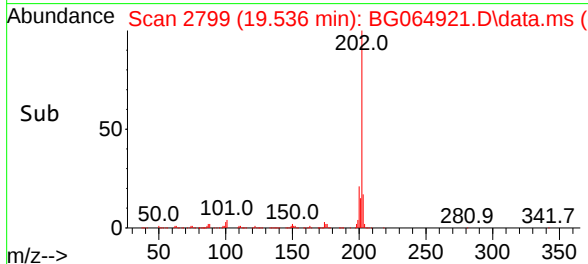
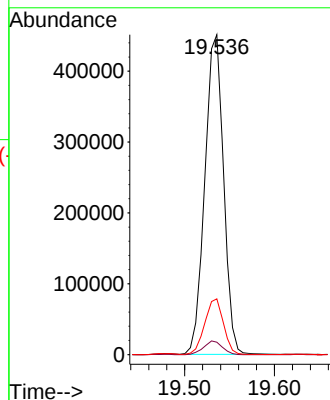
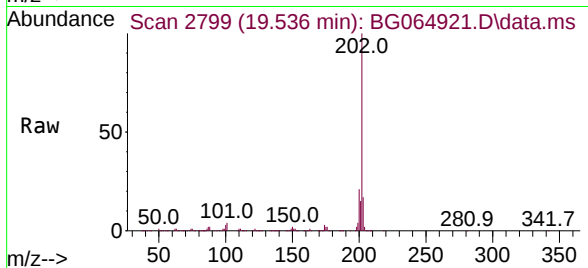
203 17.4 0.0 37.5

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: 21.751 min Scan# 3176

Delta R.T. -0.006 min

Lab File: BG064921.D

Acq: 10 Dec 2025 15:08

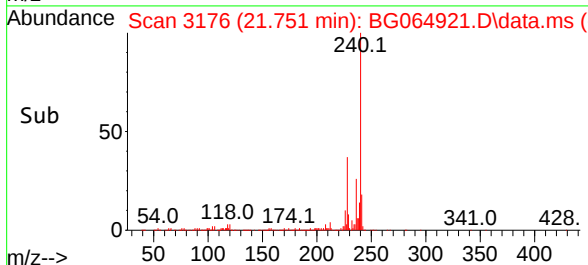
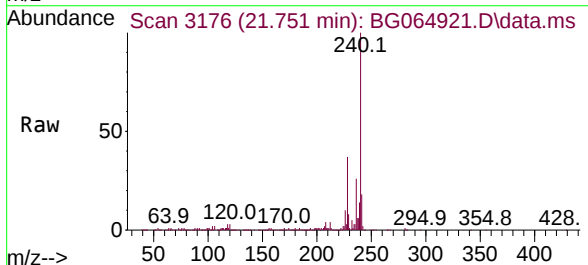
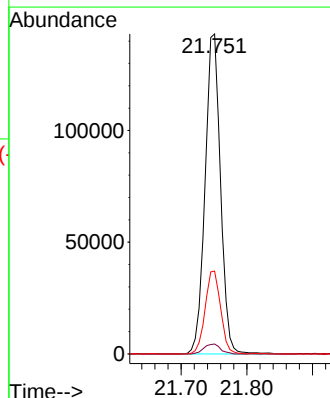
Tgt Ion:240 Resp: 233027

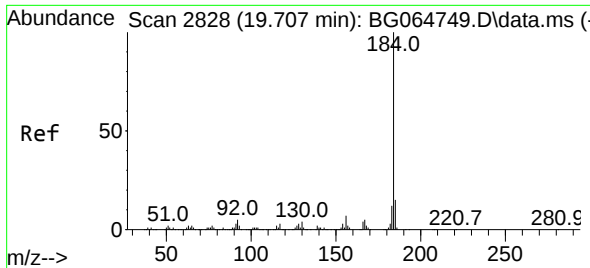
Ion Ratio Lower Upper

240 100

120 3.1 4.2 6.4#

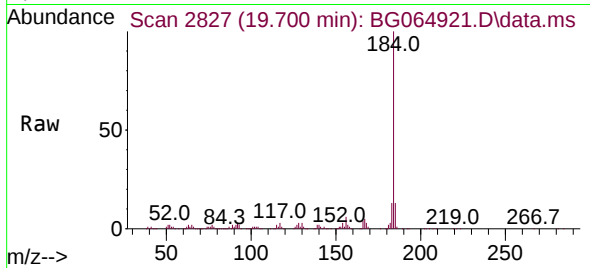
236 25.9 20.8 31.2





#77
Benzidine
Concen: 36.952 ng
RT: 19.700 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

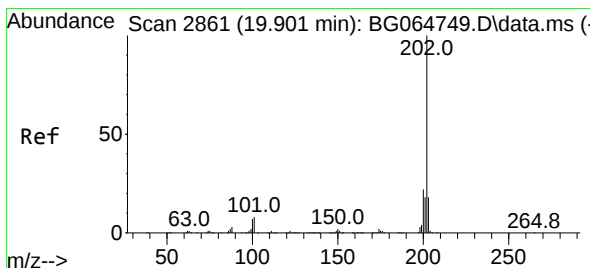
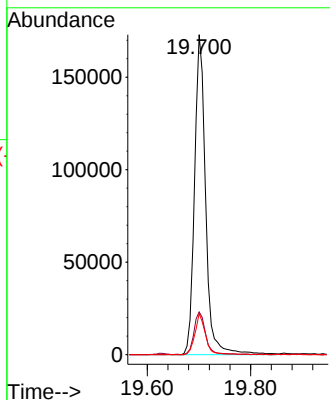
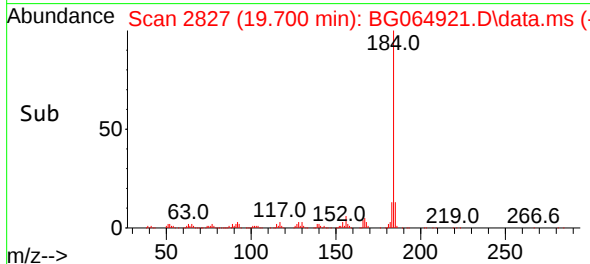
Instrument :
BNA_G
ClientSampleId :
TP-5MS



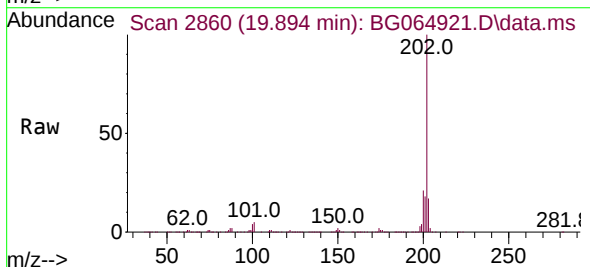
Tgt Ion:184 Resp: 257882
Ion Ratio Lower Upper
184 100
185 13.3 11.8 17.6
183 12.9 9.8 14.6

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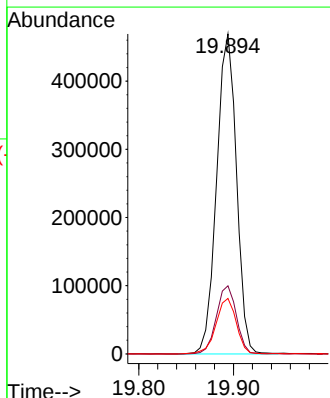
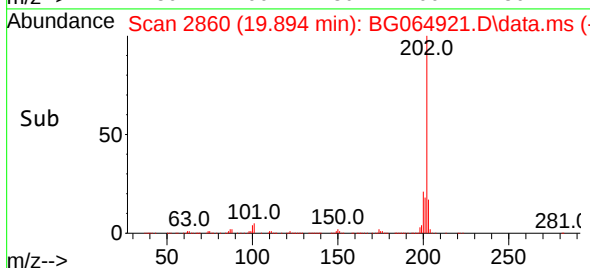
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

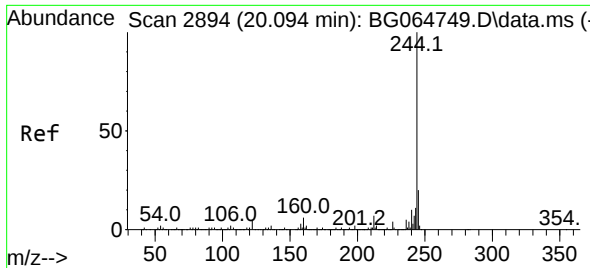


#78
Pyrene
Concen: 52.083 ng
RT: 19.894 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08



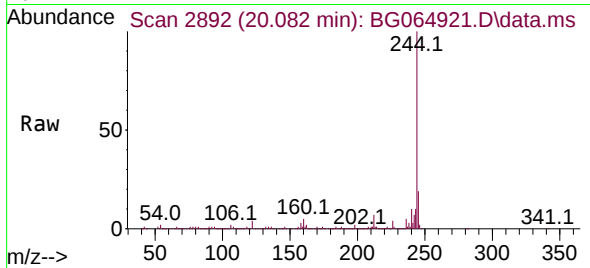
Tgt Ion:202 Resp: 680219
Ion Ratio Lower Upper
202 100
200 21.3 17.9 26.9
203 17.3 14.0 21.0





#79
Terphenyl-d14
Concen: 68.604 ng
RT: 20.082 min Scan# 2894
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

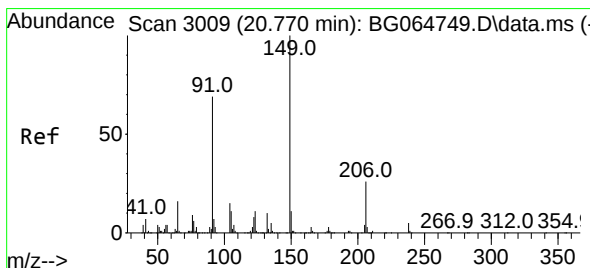
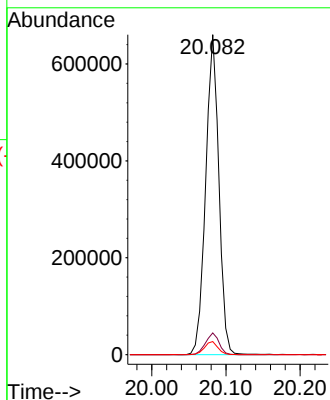
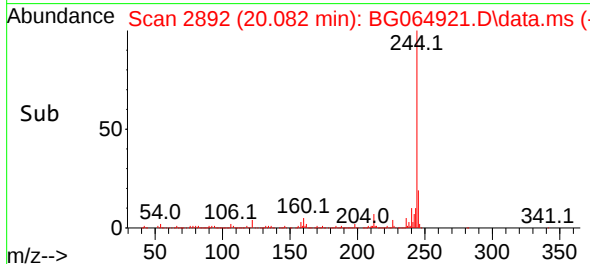
Instrument :
BNA_G
ClientSampleId :
TP-5MS



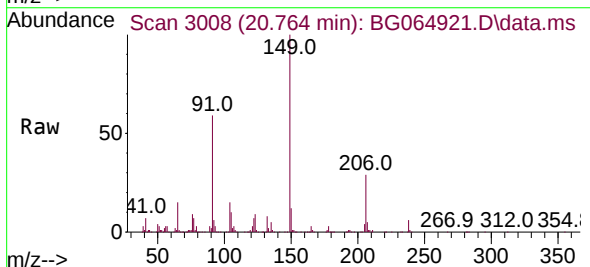
Tgt Ion:244 Resp: 812701
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 4.1 4.3 6.5

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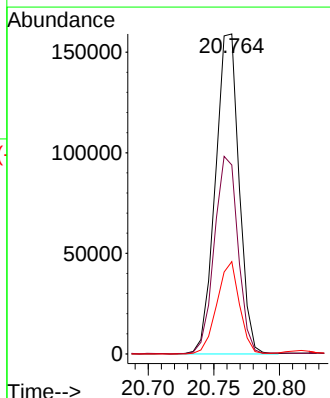
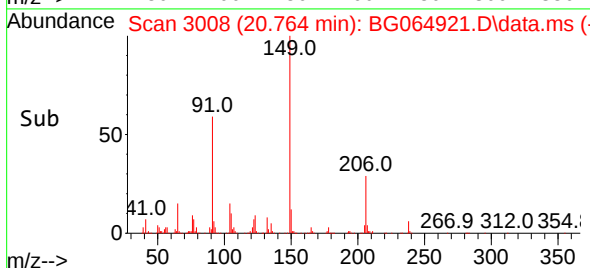
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

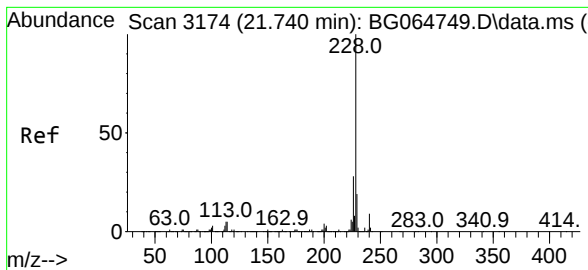


#80
Butylbenzylphthalate
Concen: 43.527 ng
RT: 20.764 min Scan# 3008
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08



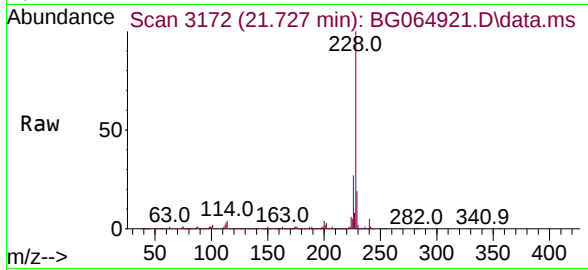
Tgt Ion:149 Resp: 199954
Ion Ratio Lower Upper
149 100
91 59.0 54.9 82.3
206 28.8 21.2 31.8





#81
Benzo(a)anthracene
Concen: 48.522 ng
RT: 21.727 min Scan# 3172
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

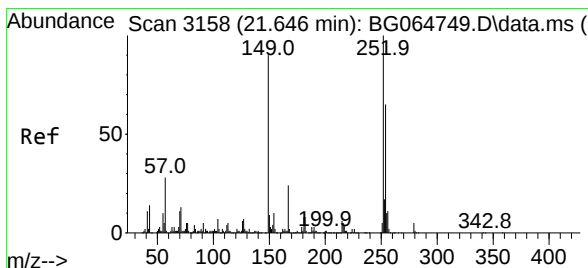
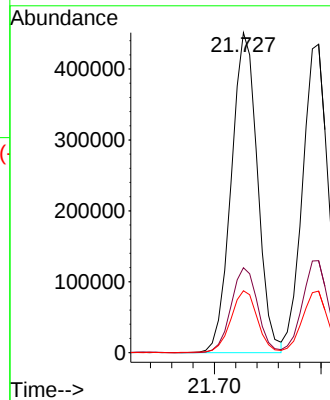
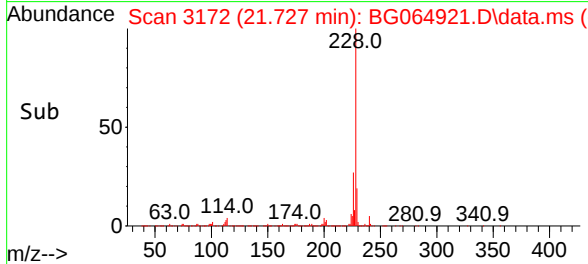
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:228 Resp: 768824
Ion Ratio Lower Upper
228 100
226 26.5 22.1 33.1
229 19.3 15.5 23.3

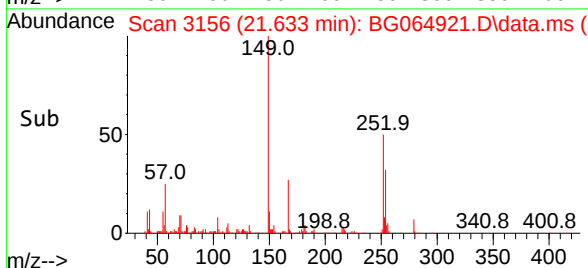
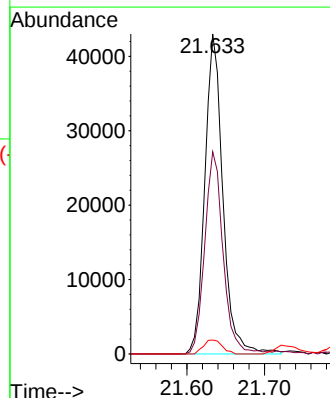
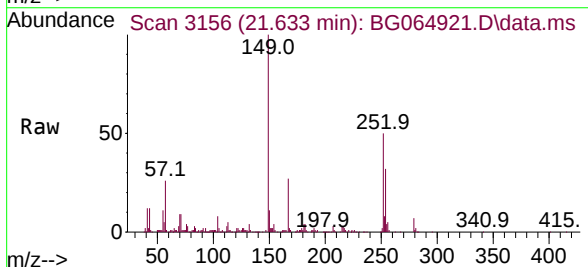
Manual Integrations
APPROVED

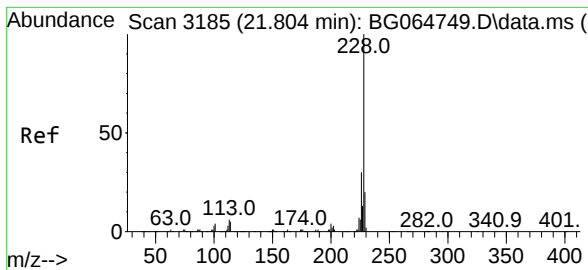
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 11.899 ng
RT: 21.633 min Scan# 3156
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

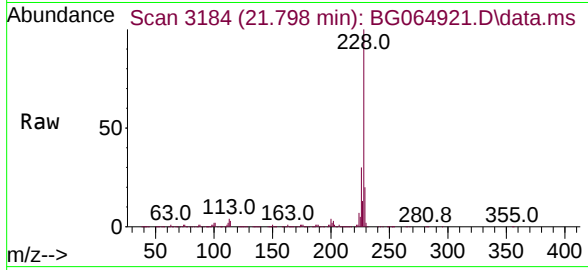
Tgt Ion:252 Resp: 69395
Ion Ratio Lower Upper
252 100
254 63.2 51.8 77.8
126 4.3 4.7 7.1#





#83
Chrysene
Concen: 48.168 ng
RT: 21.798 min Scan# 3185
Delta R.T. -0.006 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

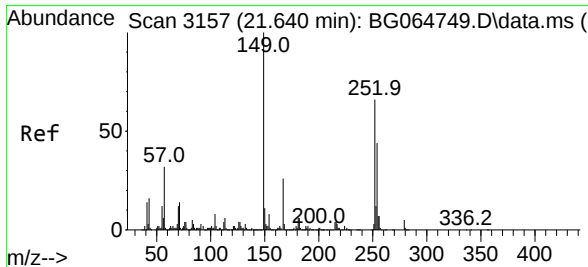
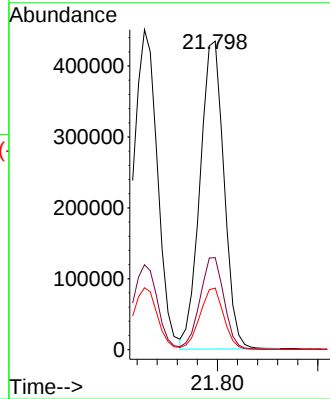
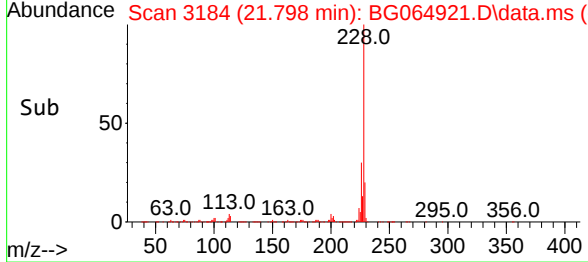
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:228 Resp: 719542
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 19.9 16.0 24.0

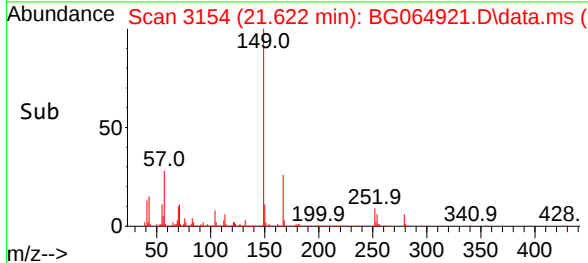
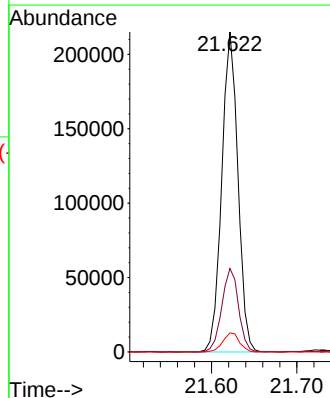
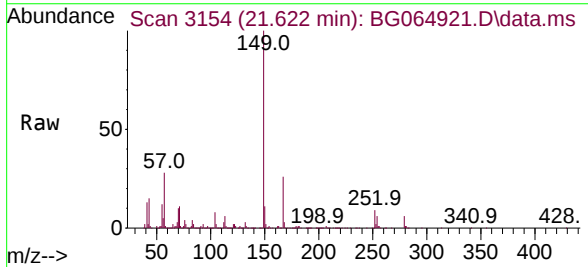
Manual Integrations
APPROVED

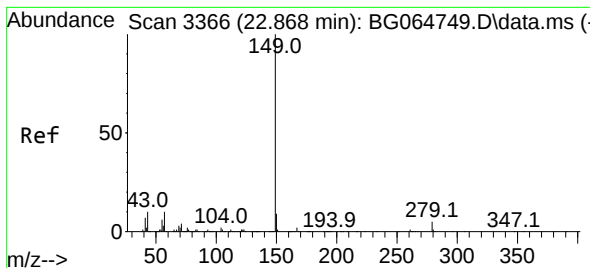
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.153 ng
RT: 21.622 min Scan# 3154
Delta R.T. -0.018 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

Tgt Ion:149 Resp: 282962
Ion Ratio Lower Upper
149 100
167 26.1 21.0 31.4
279 5.9 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 40.273 ng

RT: 22.844 min Scan# 3366

Delta R.T. -0.024 min

Lab File: BG064921.D

Acq: 10 Dec 2025 15:08

Instrument :

BNA_G

ClientSampleId :

TP-5MS

Tgt Ion:149 Resp: 467300

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

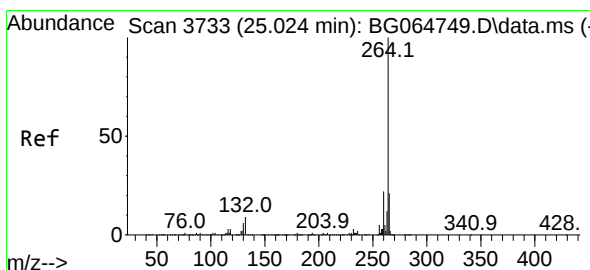
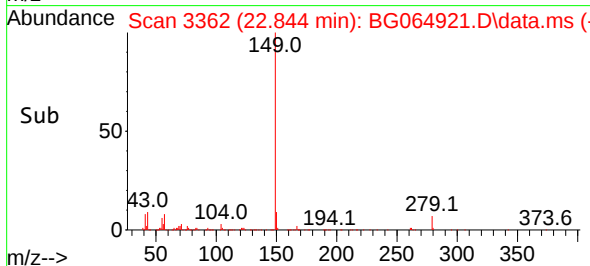
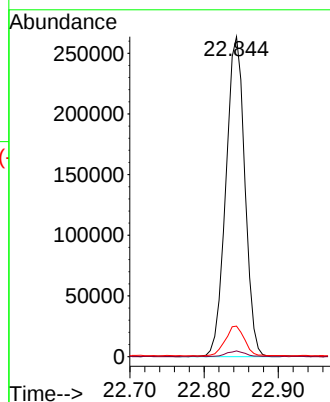
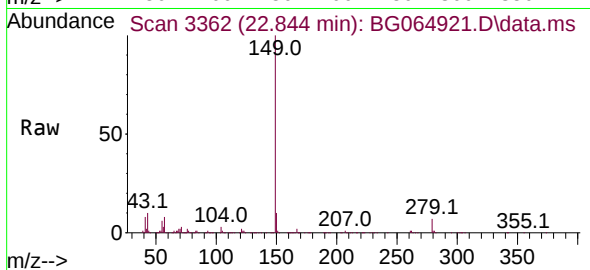
43 9.6 8.3 12.5

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: 25.000 min Scan# 3729

Delta R.T. -0.024 min

Lab File: BG064921.D

Acq: 10 Dec 2025 15:08

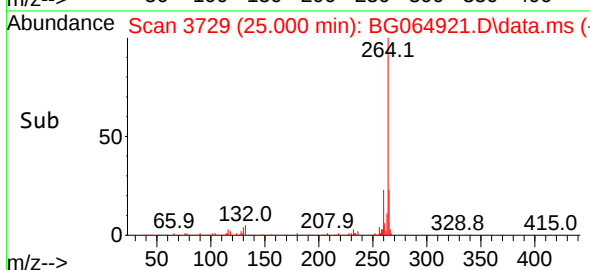
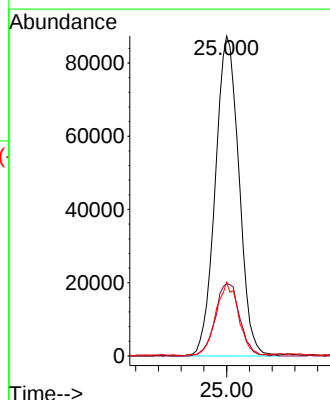
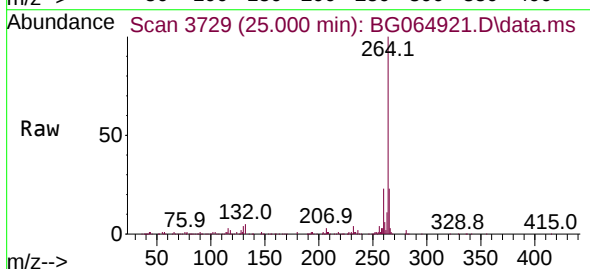
Tgt Ion:264 Resp: 252658

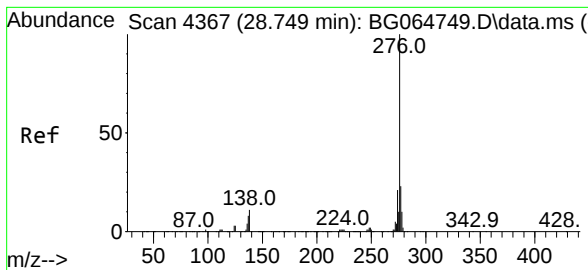
Ion Ratio Lower Upper

264 100

260 22.6 17.2 25.8

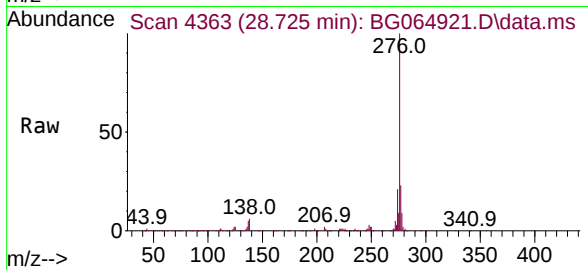
265 23.0 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.452 ng
 RT: 28.725 min Scan# 4367
 Delta R.T. -0.024 min
 Lab File: BG064921.D
 Acq: 10 Dec 2025 15:08

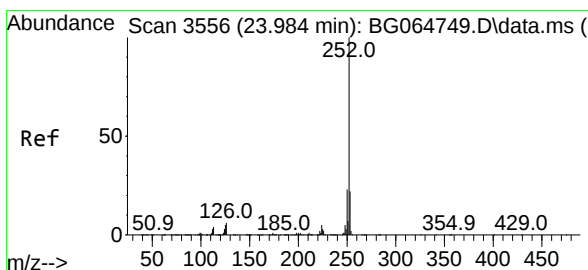
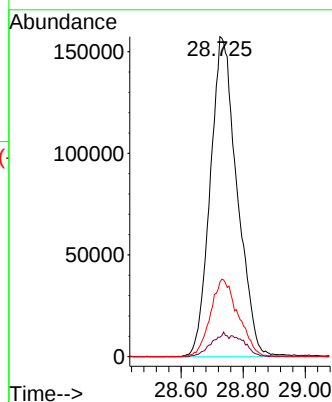
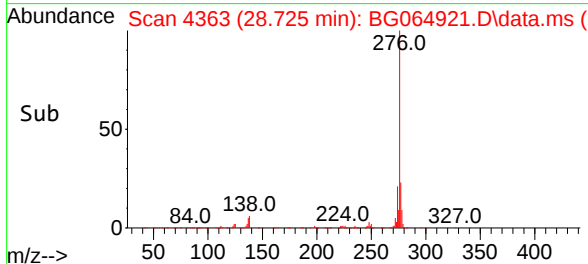
Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS



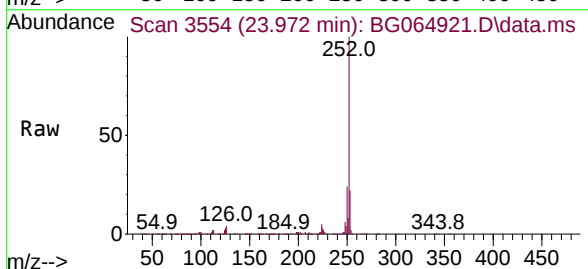
Tgt Ion:276 Resp: 945204
 Ion Ratio Lower Upper
 276 100
 138 4.7 4.5 6.7
 277 25.2 20.0 30.0

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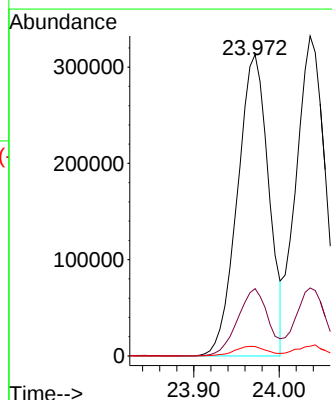
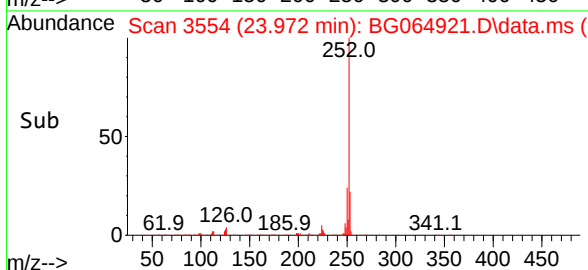
Reviewed By :Jagrut Upadhyay 12/11/2025
 Supervised By :Sohil Jodhani 12/12/2025

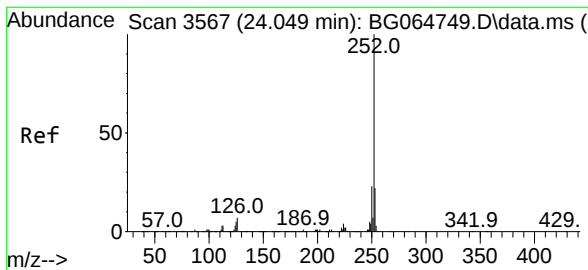


#88
 Benzo(b)fluoranthene
 Concen: 49.608 ng
 RT: 23.972 min Scan# 3554
 Delta R.T. -0.012 min
 Lab File: BG064921.D
 Acq: 10 Dec 2025 15:08



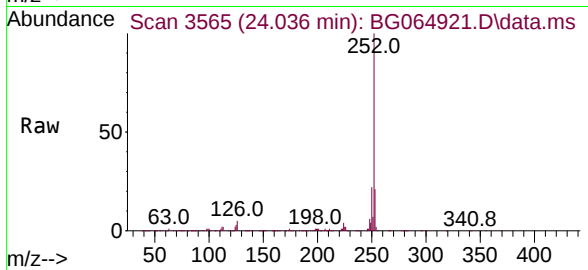
Tgt Ion:252 Resp: 797633
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.4 26.2
 125 3.1 4.2 6.2#





#89
Benzo(k)fluoranthene
Concen: 49.052 ng
RT: 24.036 min Scan# 3567
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

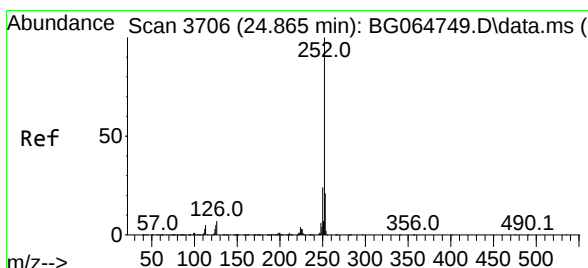
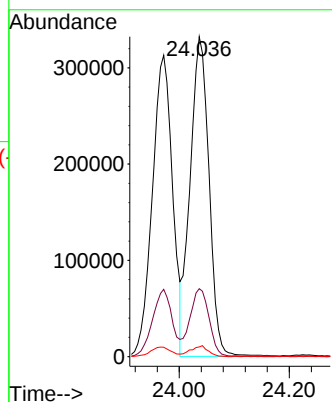
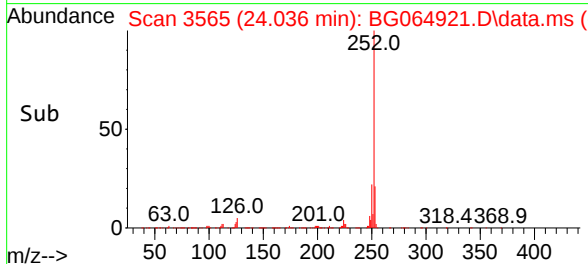
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:252 Resp: 792366
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 3.0 4.1 6.1

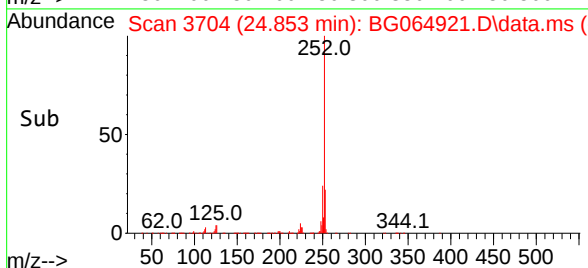
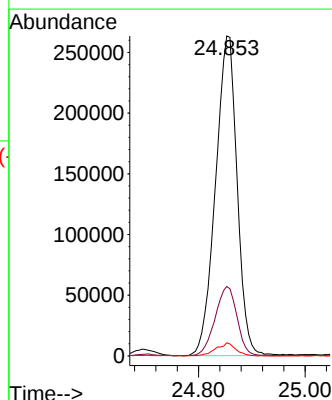
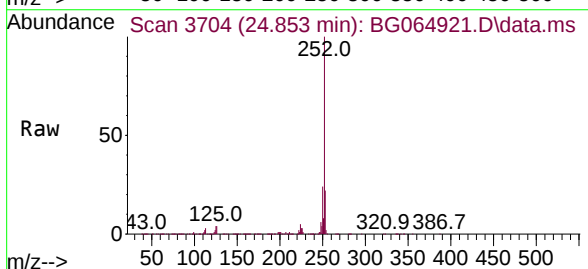
Manual Integrations
APPROVED

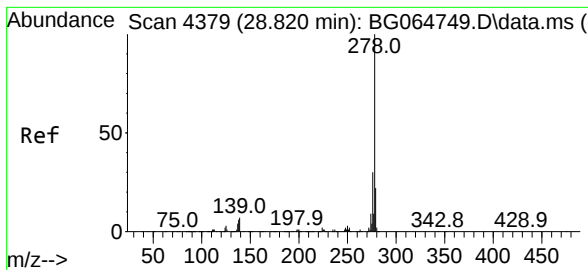
Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025



#90
Benzo(a)pyrene
Concen: 49.637 ng
RT: 24.853 min Scan# 3704
Delta R.T. -0.012 min
Lab File: BG064921.D
Acq: 10 Dec 2025 15:08

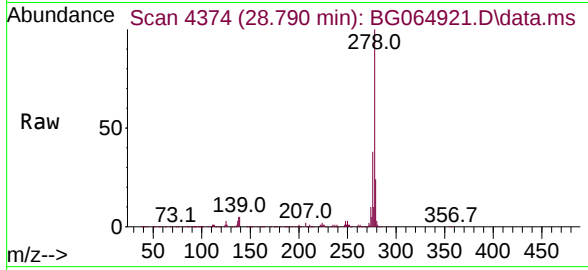
Tgt Ion:252 Resp: 740340
Ion Ratio Lower Upper
252 100
253 21.7 16.9 25.3
125 4.1 4.2 6.4





#91
 Dibenzo(a,h)anthracene
 Concen: 54.960 ng
 RT: 28.790 min Scan# 4379
 Delta R.T. -0.030 min
 Lab File: BG064921.D
 Acq: 10 Dec 2025 15:08

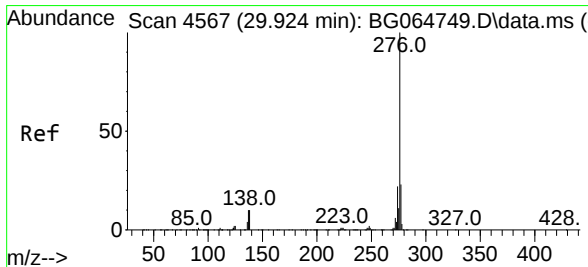
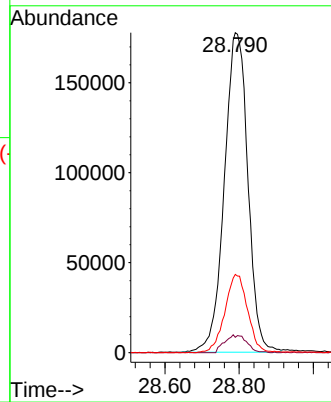
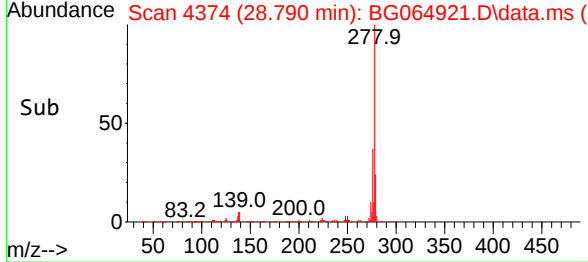
Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS



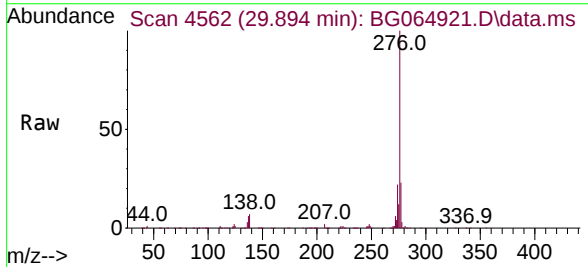
Tgt Ion:278 Resp: 781548
 Ion Ratio Lower Upper
 278 100
 139 4.8 5.8 8.8
 279 24.4 17.3 25.9

Manual Integrations
 APPROVED

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



#92
 Benzo(g,h,i)perylene
 Concen: 56.268 ng
 RT: 29.894 min Scan# 4562
 Delta R.T. -0.030 min
 Lab File: BG064921.D
 Acq: 10 Dec 2025 15:08



Tgt Ion:276 Resp: 770073
 Ion Ratio Lower Upper
 276 100
 277 22.6 18.0 27.0
 138 7.1 8.2 12.2

