

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
 Data File : BG064684.D
 Acq On : 3 Nov 2025 22:46
 Operator : RC/JU
 Sample : Q3399-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-ROLLOFFMSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 04 00:48:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	29939	20.000	ng	-0.02
21) Naphthalene-d8	11.032	136	118752	20.000	ng	-0.02
39) Acenaphthene-d10	14.834	164	97631	20.000	ng	-0.01
64) Phenanthrene-d10	17.572	188	238127	20.000	ng	#-0.01
76) Chrysene-d12	21.843	240	275359	20.000	ng	#-0.02
86) Perylene-d12	25.180	264	303393	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	162495	91.101	ng	0.00
7) Phenol-d6	7.348	99	242031	98.886	ng	0.00
23) Nitrobenzene-d5	9.375	82	146476	74.085	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	171104	121.427	ng	0.00
45) 2-Fluorobiphenyl	13.459	172	386387	59.988	ng	-0.02
79) Terphenyl-d14	20.157	244	884487	60.618	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.576	88	26347	33.364	ng	98
3) Pyridine	3.987	79	74639	31.474	ng	95
4) n-Nitrosodimethylamine	3.893	42	51702	40.655	ng	97
6) Aniline	7.519	93	105815	31.771	ng	99
8) 2-Chlorophenol	7.765	128	100448	53.803	ng	94
9) Benzaldehyde	7.331	77	43143	32.287	ng	92
10) Phenol	7.378	94	135096	49.910	ng	97
11) bis(2-Chloroethyl)ether	7.613	93	85702	43.064	ng	98
12) 1,3-Dichlorobenzene	8.100	146	102870	47.873	ng	95
13) 1,4-Dichlorobenzene	8.241	146	108729	49.763	ng	96
14) 1,2-Dichlorobenzene	8.564	146	105114	49.878	ng	98
15) Benzyl Alcohol	8.441	79	99746	49.420	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.735	45	220307	42.202	ng	98
17) 2-Methylphenol	8.641	107	90396	50.299	ng	94
18) Hexachloroethane	9.305	117	38564	50.296	ng	92
19) n-Nitroso-di-n-propyla...	9.011	70	76973	45.505	ng	99
20) 3+4-Methylphenols	8.970	107	125725	49.745	ng	98
22) Acetophenone	9.034	105	172932	53.272	ng	# 96
24) Nitrobenzene	9.416	77	115831	53.864	ng	95
25) Isophorone	9.945	82	218689	46.096	ng	99
26) 2-Nitrophenol	10.133	139	54190	64.182	ng	# 90
27) 2,4-Dimethylphenol	10.186	122	95345	54.028	ng	97
28) bis(2-Chloroethoxy)met...	10.421	93	126872	46.969	ng	100
29) 2,4-Dichlorophenol	10.674	162	105460	55.529	ng	95
30) 1,2,4-Trichlorobenzene	10.897	180	120331	55.764	ng	95
31) Naphthalene	11.085	128	322463	48.977	ng	99
32) Benzoic acid	10.309	122	74800m	54.449	ng	
33) 4-Chloroaniline	11.179	127	64055	25.031	ng	95
34) Hexachlorobutadiene	11.373	225	92994	55.106	ng	99
35) Caprolactam	11.955	113	33266m	45.669	ng	
36) 4-Chloro-3-methylphenol	12.289	107	124062	54.345	ng	96
37) 2-Methylnaphthalene	12.677	142	220918	45.702	ng	99
38) 1-Methylnaphthalene	12.895	142	232934	48.676	ng	93
40) 1,2,4,5-Tetrachloroben...	13.042	216	184783	56.395	ng	99
41) Hexachlorocyclopentadiene	13.024	237	222759	151.043	ng	97
43) 2,4,6-Trichlorophenol	13.271	196	107743	57.487	ng	95

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	118709	54.886	ng	96
46) 1,1'-Biphenyl	13.670	154	372154	53.618	ng	96
47) 2-Chloronaphthalene	13.717	162	259250	49.483	ng	98
48) 2-Nitroaniline	13.905	65	93538	52.834	ng	96
49) Acenaphthylene	14.557	152	454638	55.015	ng	98
50) Dimethylphthalate	14.281	163	369114	49.408	ng	99
51) 2,6-Dinitrotoluene	14.393	165	74798	59.836	ng	93
52) Acenaphthene	14.898	154	305203	54.056	ng	99
53) 3-Nitroaniline	14.722	138	55166	42.968	ng	97
54) 2,4-Dinitrophenol	14.928	184	84070	108.975	ng	# 33
55) Dibenzofuran	15.227	168	444612	48.709	ng	96
56) 4-Nitrophenol	15.022	139	112764	94.733	ng	95
57) 2,4-Dinitrotoluene	15.174	165	108809	56.513	ng	# 99
58) Fluorene	15.874	166	351759	49.345	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.445	232	123058	59.500	ng	96
60) Diethylphthalate	15.633	149	360779	47.297	ng	100
61) 4-Chlorophenyl-phenyle...	15.862	204	205542	51.379	ng	98
62) 4-Nitroaniline	15.879	138	78871	55.219	ng	92
63) Azobenzene	16.156	77	346815	49.553	ng	97
65) 4,6-Dinitro-2-methylph...	15.938	198	70044	64.716	ng	97
66) n-Nitrosodiphenylamine	16.073	169	322527	50.141	ng	99
67) 4-Bromophenyl-phenylether	16.755	248	153261	54.311	ng	97
68) Hexachlorobenzene	16.878	284	178294	55.383	ng	96
69) Atrazine	17.013	200	147201	53.177	ng	96
70) Pentachlorophenol	17.219	266	142833	71.149	ng	96
71) Phenanthrene	17.613	178	639960	49.144	ng	99
72) Anthracene	17.701	178	649301	49.016	ng	100
73) Carbazole	17.965	167	574716	49.201	ng	99
74) Di-n-butylphthalate	18.517	149	641418	47.485	ng	99
75) Fluoranthene	19.604	202	803723	49.267	ng	98
77) Benzidine	19.775	184	244042	39.558	ng	98
78) Pyrene	19.969	202	839699	46.674	ng	100
80) Butylbenzylphthalate	20.838	149	290726	53.468	ng	96
81) Benzo(a)anthracene	21.825	228	903611	49.492	ng	99
82) 3,3'-Dichlorobenzidine	21.731	252	224568	36.833	ng	96
83) Chrysene	21.890	228	854597	49.192	ng	98
84) Bis(2-ethylhexyl)phtha...	21.725	149	412267	50.742	ng	99
85) Di-n-octyl phthalate	22.983	149	706328	51.563	ng	97
87) Indeno(1,2,3-cd)pyrene	29.011	276	1121993	50.272	ng	# 96
88) Benzo(b)fluoranthene	24.117	252	936337	50.330	ng	98
89) Benzo(k)fluoranthene	24.193	252	944899	50.755	ng	99
90) Benzo(a)pyrene	25.022	252	883881	51.686	ng	97
91) Dibenzo(a,h)anthracene	29.076	278	922930	50.900	ng	97
92) Benzo(g,h,i)perylene	30.198	276	895587	51.705	ng	98

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

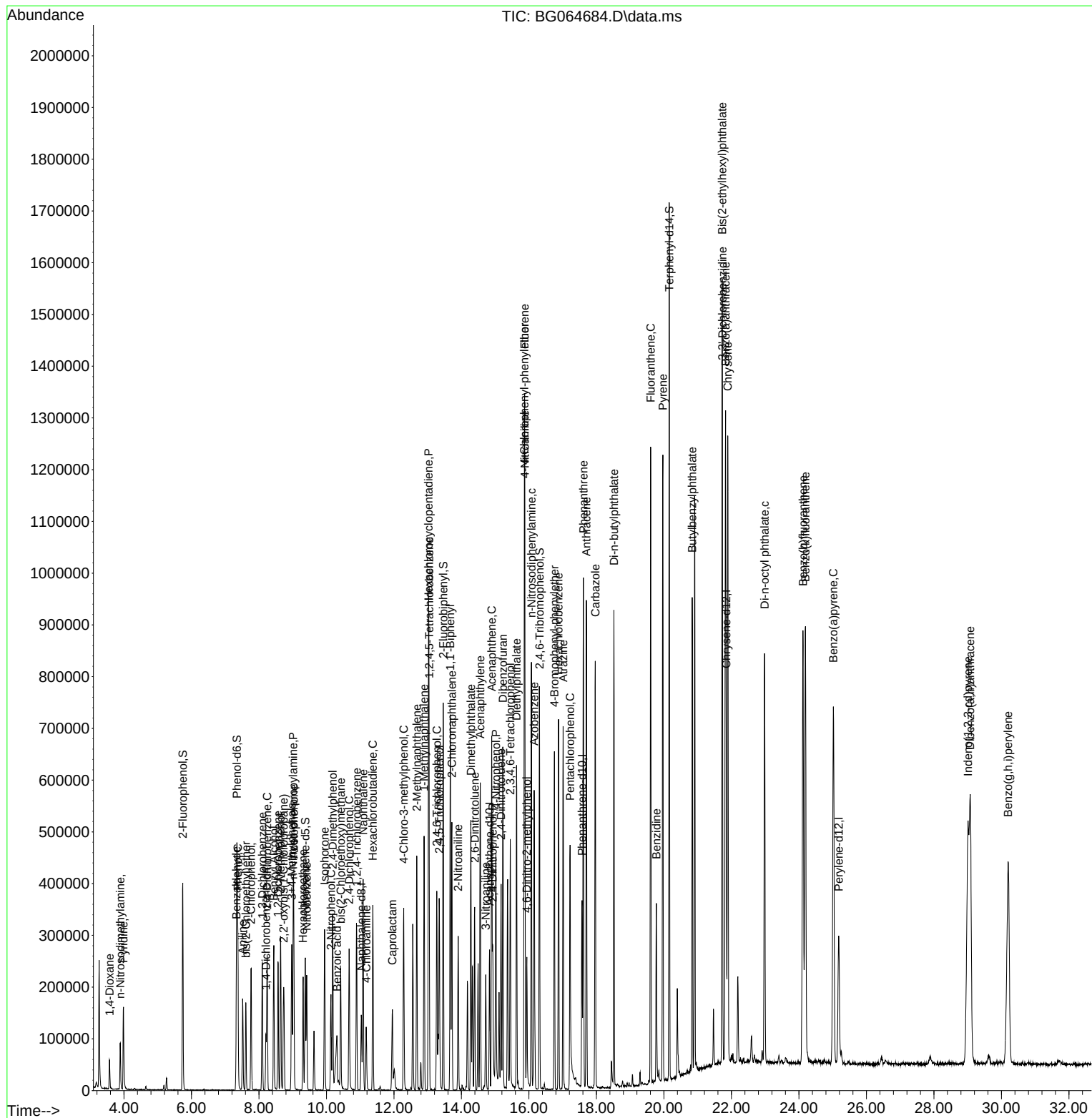
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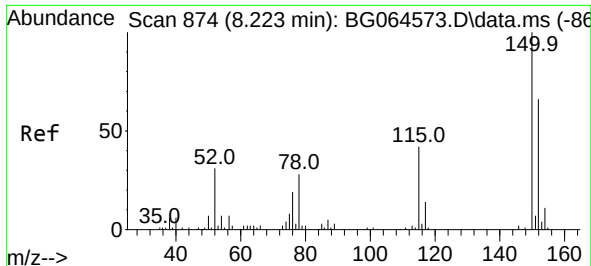
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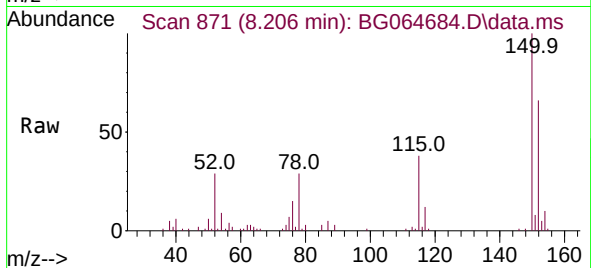
Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 81
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

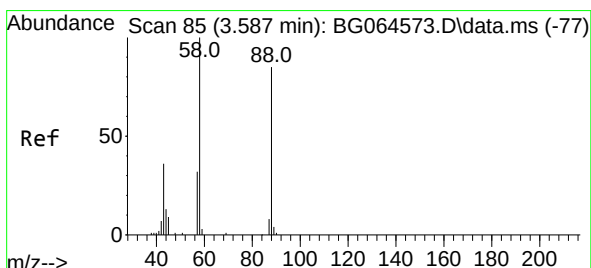
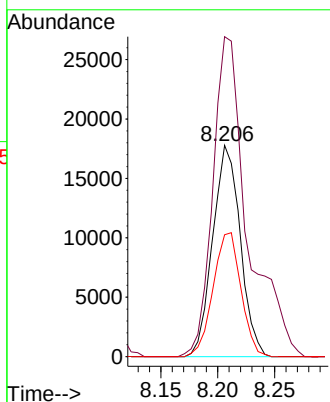
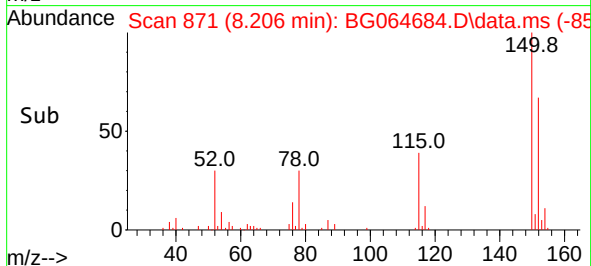
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:152 Resp: 29939
Ion Ratio Lower Upper
152 100
150 151.5 122.2 183.4
115 57.7 50.8 76.2

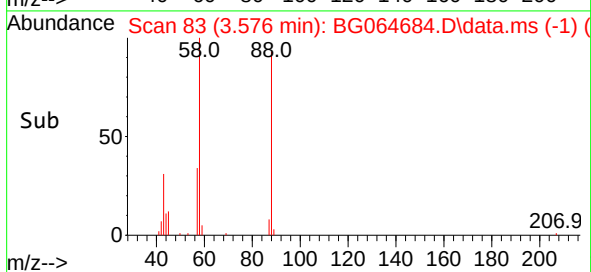
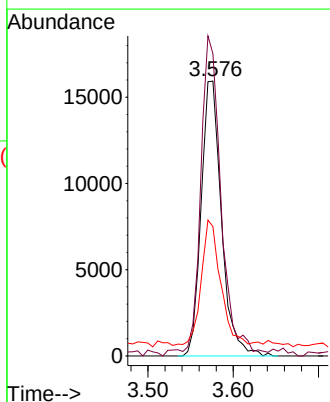
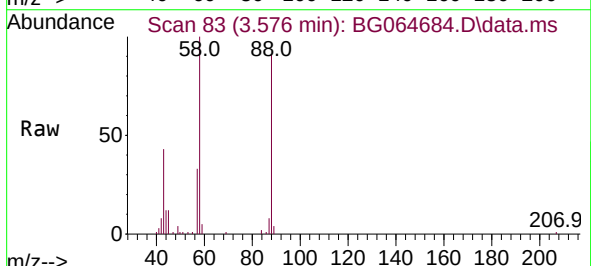
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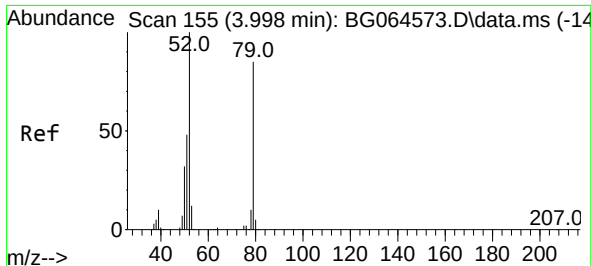
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 33.364 ng
RT: 3.576 min Scan# 83
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

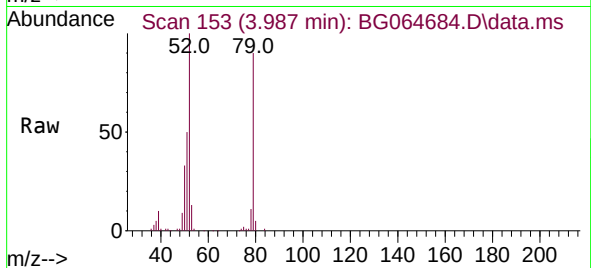
Tgt Ion: 88 Resp: 26347
Ion Ratio Lower Upper
88 100
58 118.3 92.4 138.6
43 42.4 33.0 49.6





#3
Pyridine
Concen: 31.474 ng
RT: 3.987 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

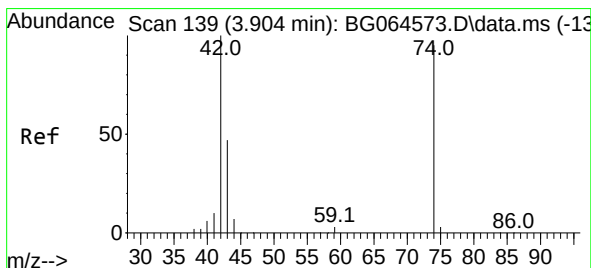
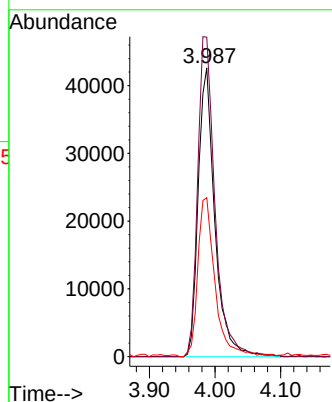
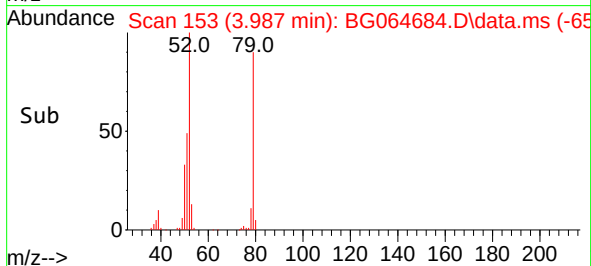
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



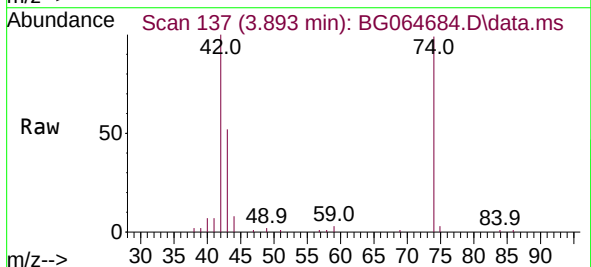
Tgt Ion: 79 Resp: 74639
Ion Ratio Lower Upper
79 100
52 110.6 94.2 141.2
51 55.0 46.1 69.1

Manual Integrations
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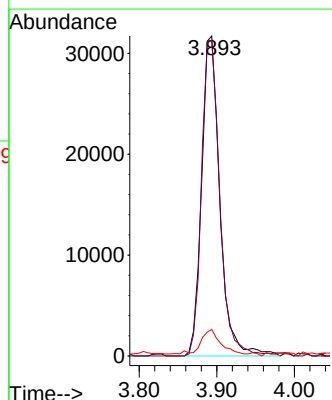
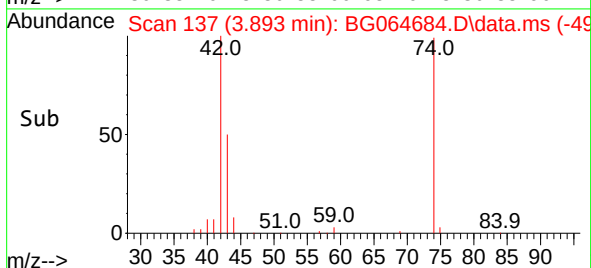
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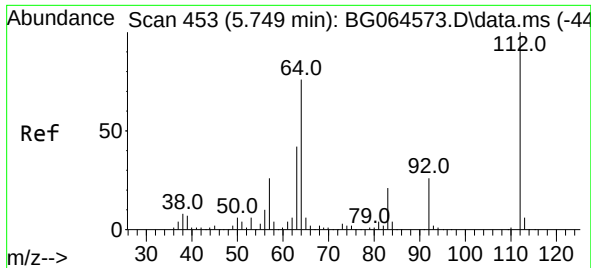


#4
n-Nitrosodimethylamine
Concen: 40.655 ng
RT: 3.893 min Scan# 137
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46



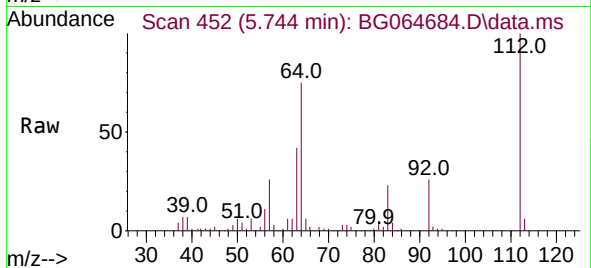
Tgt Ion: 42 Resp: 51702
Ion Ratio Lower Upper
42 100
74 98.6 76.1 114.1
44 8.3 6.3 9.5





#5
2-Fluorophenol
Concen: 91.101 ng
RT: 5.744 min Scan# 452
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

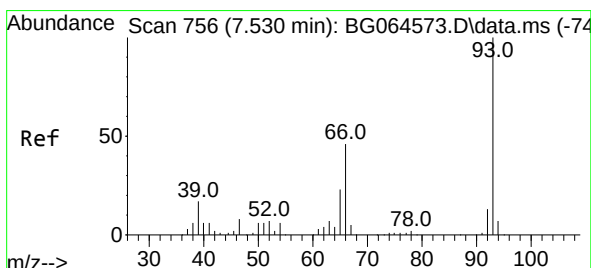
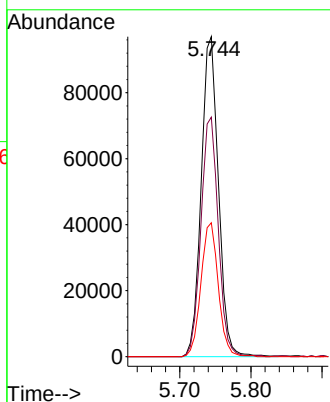
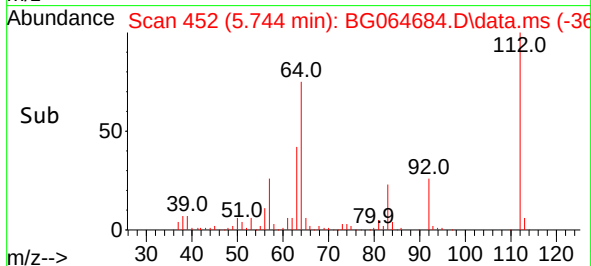
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion: 112 Resp: 162495
Ion Ratio Lower Upper
112 100
64 74.8 60.7 91.1
63 41.8 33.4 50.0

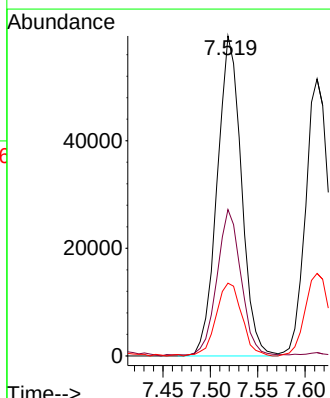
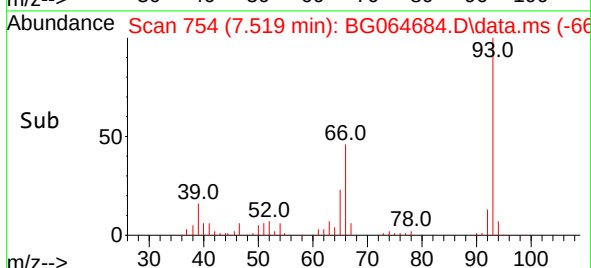
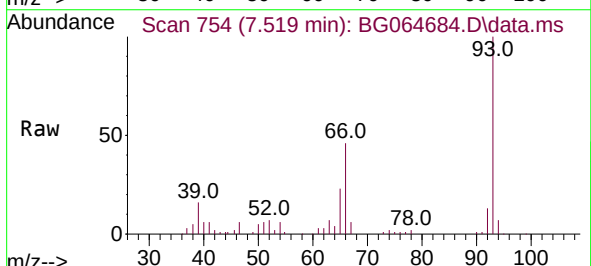
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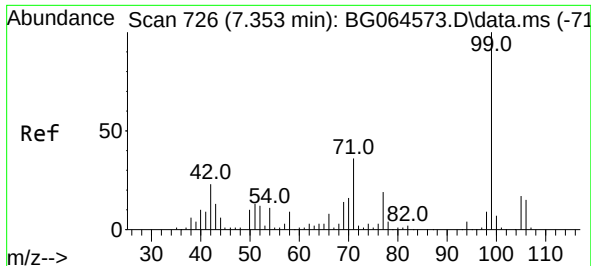
Reviewed By :Jagrut Upadhyay 11/04/2025
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#6
Aniline
Concen: 31.771 ng
RT: 7.519 min Scan# 754
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

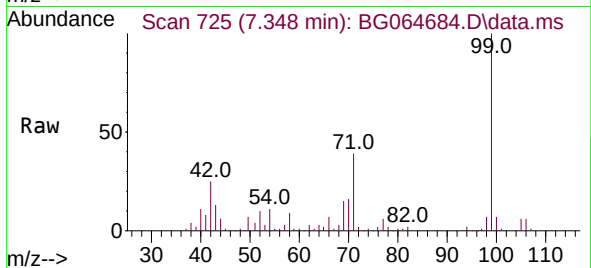
Tgt Ion: 93 Resp: 105815
Ion Ratio Lower Upper
93 100
66 45.7 37.0 55.6
65 22.7 18.3 27.5





#7
Phenol-d6
Concen: 98.886 ng
RT: 7.348 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

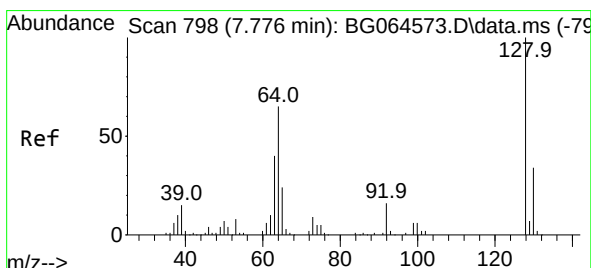
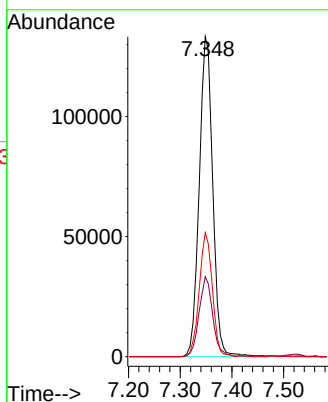
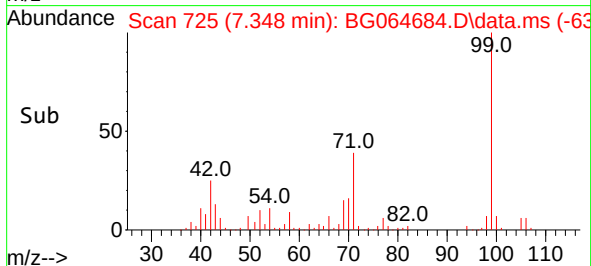
Instrument :
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Tgt Ion: 99 Resp: 242031
Ion Ratio Lower Upper
99 100
42 25.0 18.3 27.5
71 38.7 28.6 43.0

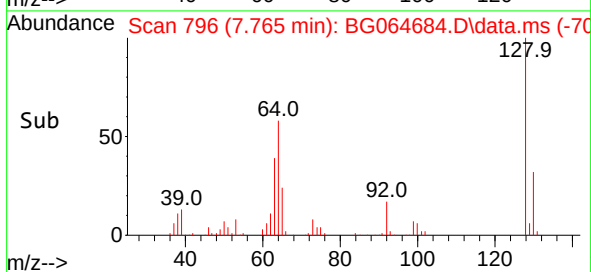
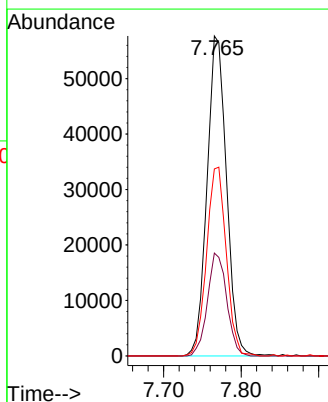
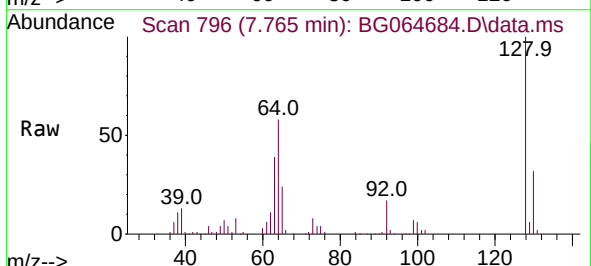
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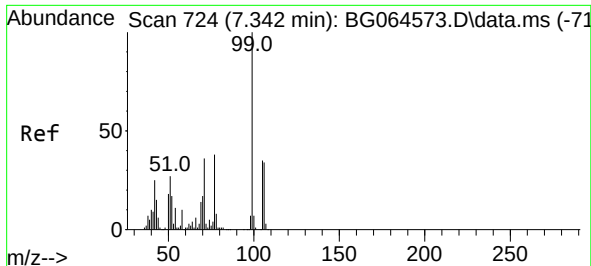
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#8
2-Chlorophenol
Concen: 53.803 ng
RT: 7.765 min Scan# 796
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

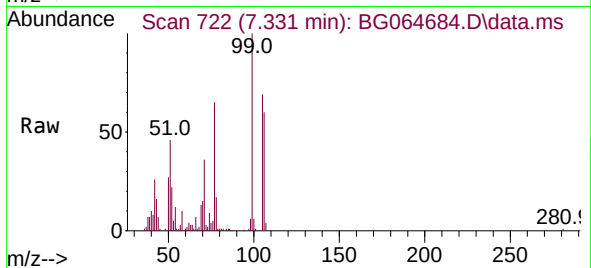
Tgt Ion:128 Resp: 100448
Ion Ratio Lower Upper
128 100
130 32.1 13.5 53.5
64 58.4 45.2 85.2





#9
Benzaldehyde
Concen: 32.287 ng
RT: 7.331 min Scan# 71
Delta R.T. -0.011 min
Lab File: BG064684.D
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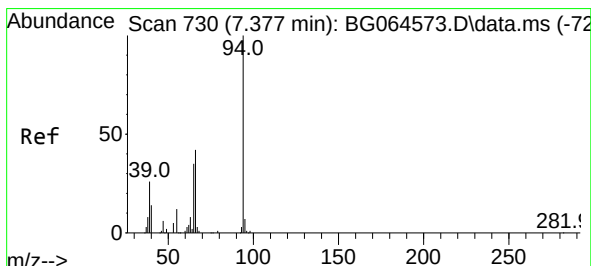
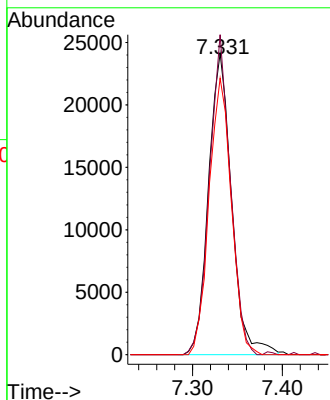
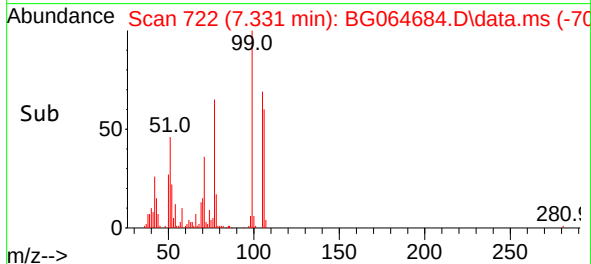
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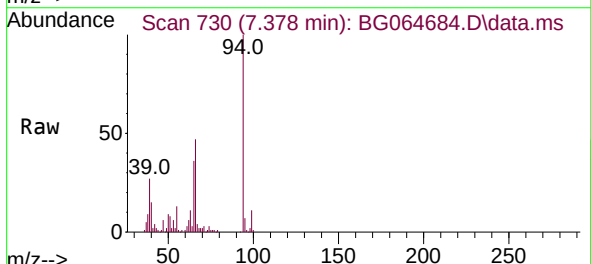
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Ion Ratio Lower Upper
77 100
105 106.3 72.9 112.9
106 91.8 70.8 110.8

Manual Integrations
APPROVED

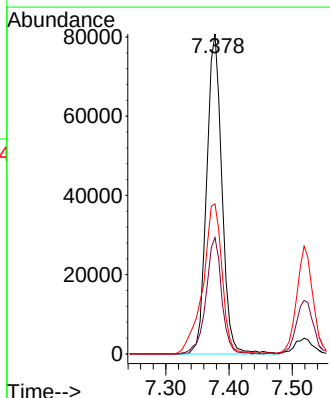
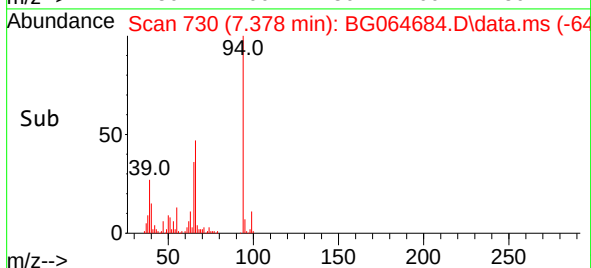
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

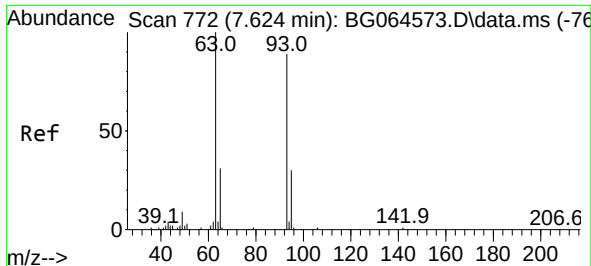


#10
Phenol
Concen: 49.910 ng
RT: 7.378 min Scan# 730
Delta R.T. 0.001 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46



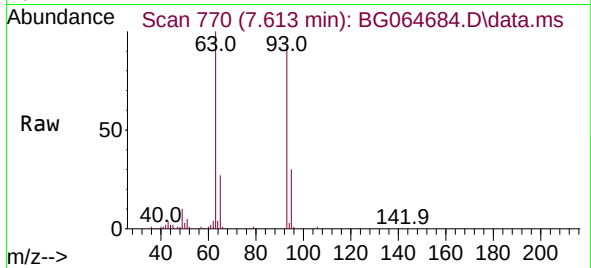
Tgt Ion: 94 Resp: 135096
Ion Ratio Lower Upper
94 100
65 36.3 15.8 55.8
66 46.9 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 43.064 ng
RT: 7.613 min Scan# 71
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

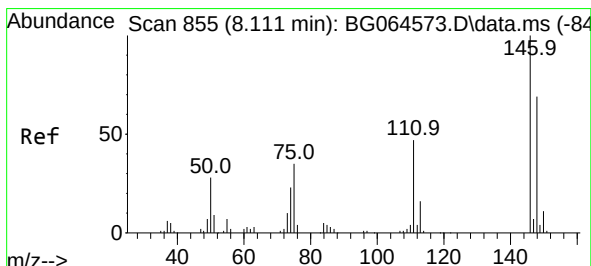
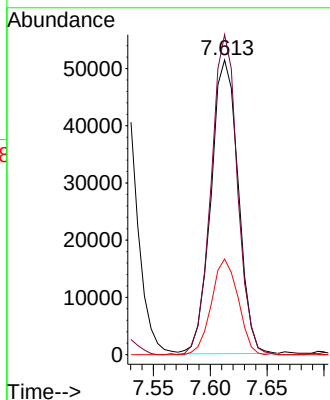
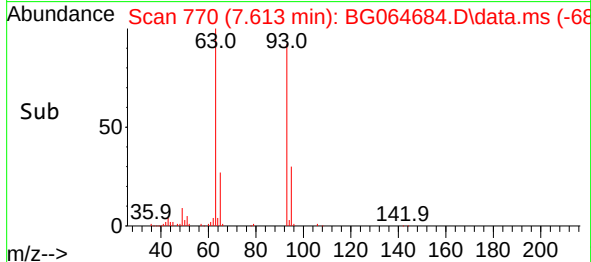
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion: 93 Resp: 85702
Ion Ratio Lower Upper
93 100
63 108.6 91.3 131.3
95 32.5 13.3 53.3

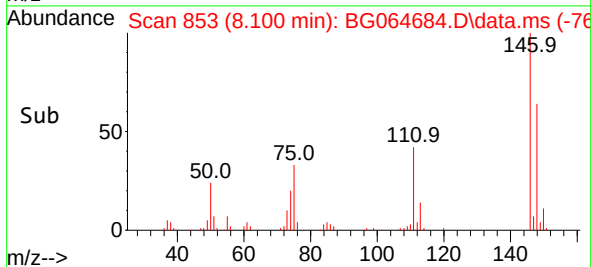
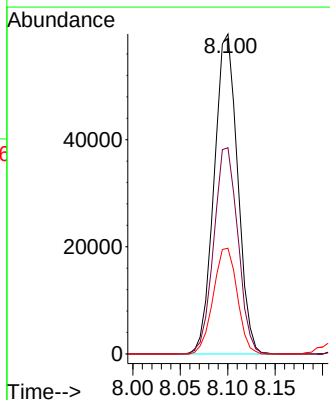
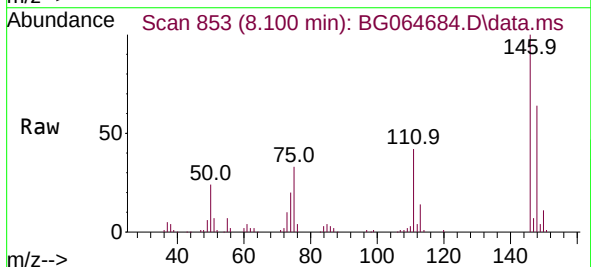
Manual Integrations
APPROVED

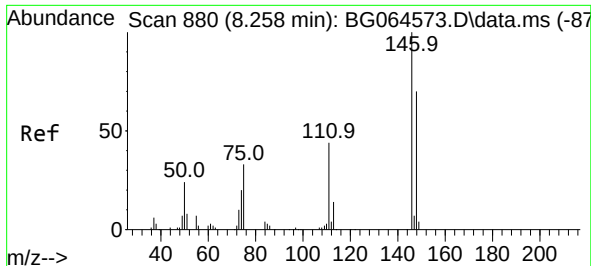
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#12
1,3-Dichlorobenzene
Concen: 47.873 ng
RT: 8.100 min Scan# 853
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:146 Resp: 102870
Ion Ratio Lower Upper
146 100
148 64.4 55.3 82.9
75 33.0 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 49.763 ng

RT: 8.241 min Scan# 81

Delta R.T. -0.017 min

Lab File: BG064684.D

Acq: 3 Nov 2025 22:46

Instrument :

BNA_G

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion:146 Resp: 108729

Ion Ratio Lower Upper

146 100

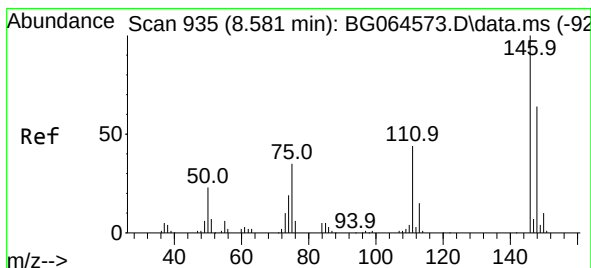
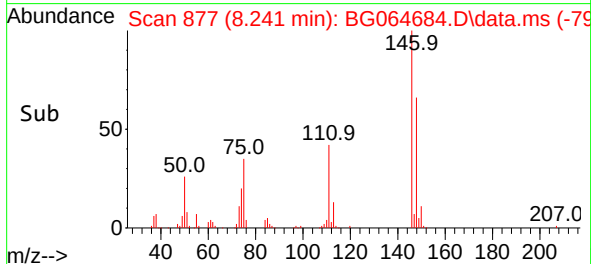
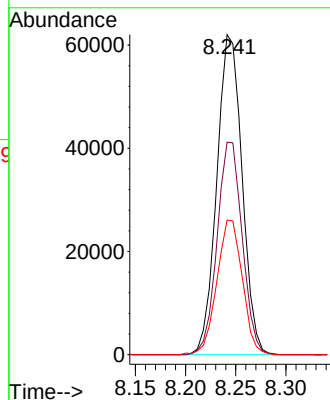
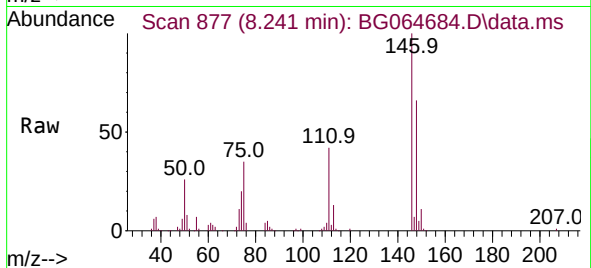
148 66.4 56.2 84.4

111 42.0 35.4 53.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#14

1,2-Dichlorobenzene

Concen: 49.878 ng

RT: 8.564 min Scan# 932

Delta R.T. -0.017 min

Lab File: BG064684.D

Acq: 3 Nov 2025 22:46

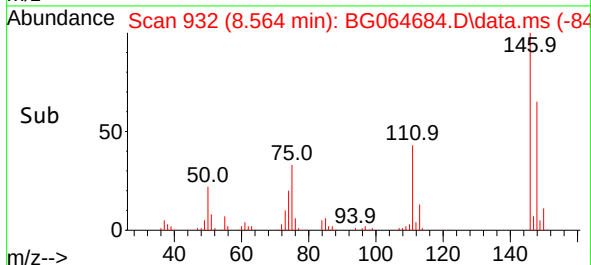
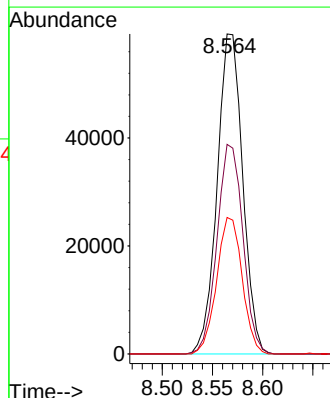
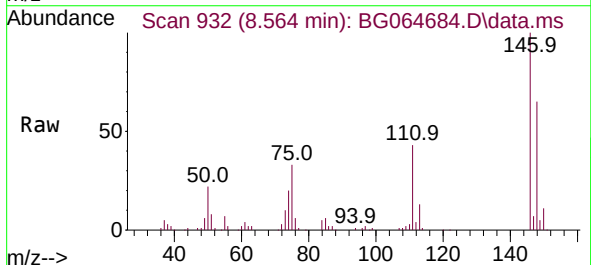
Tgt Ion:146 Resp: 105114

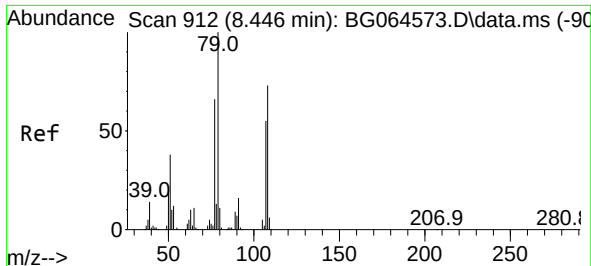
Ion Ratio Lower Upper

146 100

148 65.5 51.5 77.3

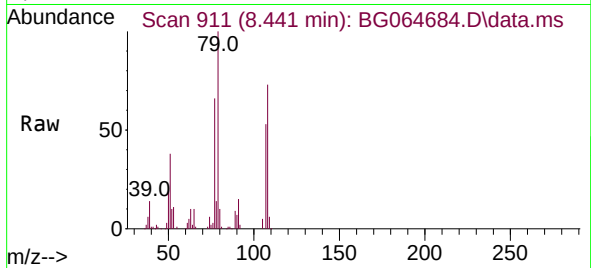
111 42.6 35.0 52.6





#15
Benzyl Alcohol
Concen: 49.420 ng
RT: 8.441 min Scan# 911
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

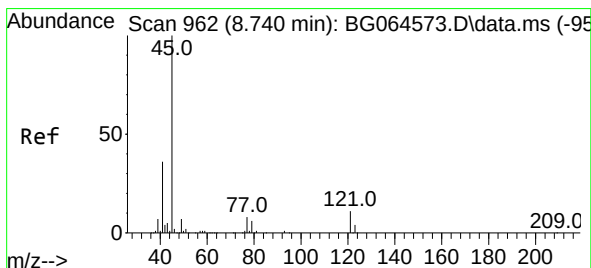
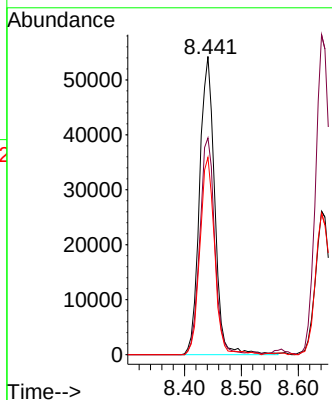
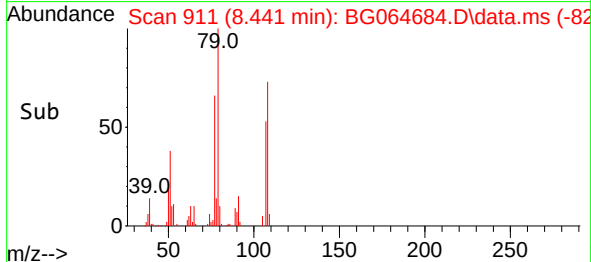
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion: 79 Resp: 99746
Ion Ratio Lower Upper
79 100
108 72.7 58.1 87.1
77 66.2 52.8 79.2

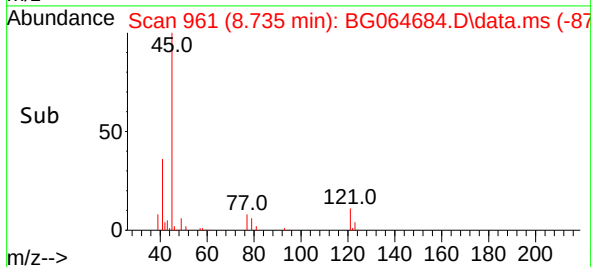
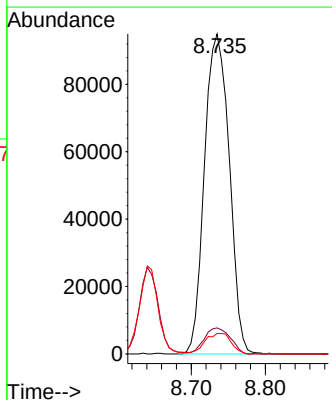
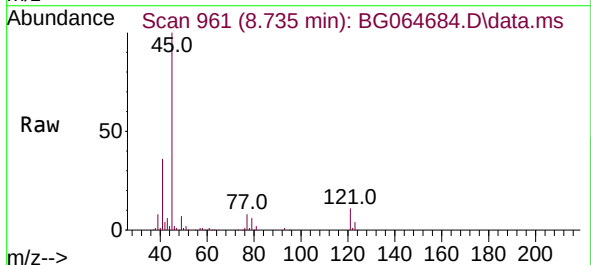
Manual Integrations
APPROVED

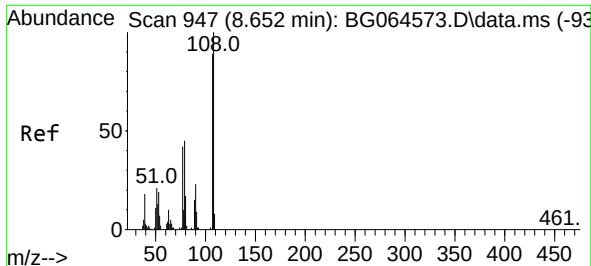
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.202 ng
RT: 8.735 min Scan# 961
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 45 Resp: 220307
Ion Ratio Lower Upper
45 100
77 8.1 0.0 28.5
79 6.4 0.0 25.6





#17

2-Methylphenol

Concen: 50.299 ng

RT: 8.641 min Scan# 947

Delta R.T. -0.011 min

Lab File: BG064684.D

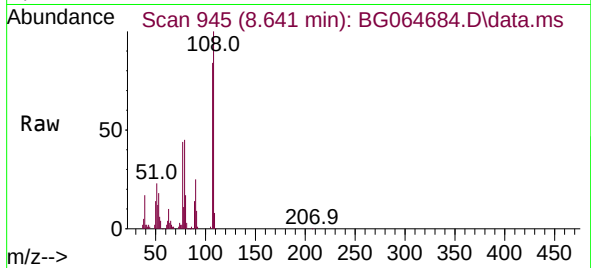
Acq: 3 Nov 2025 22:46

Instrument :

BNA_G

ClientSampleId :

COMP-ROLLOFFMSD



Tgt Ion:107 Resp: 90396

Ion Ratio Lower Upper

107 100

108 118.8 90.0 135.0

77 52.5 37.8 56.8

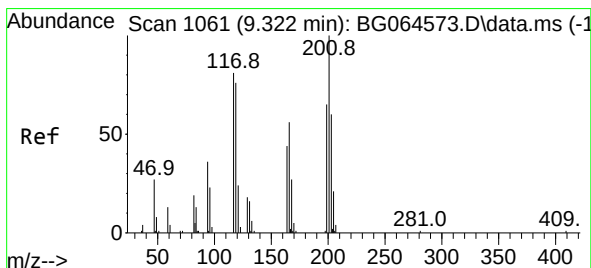
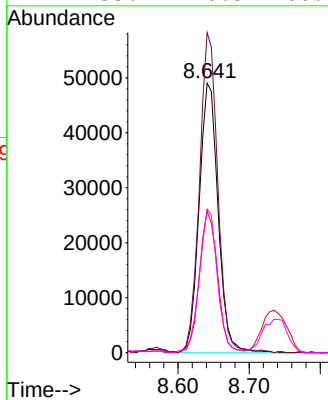
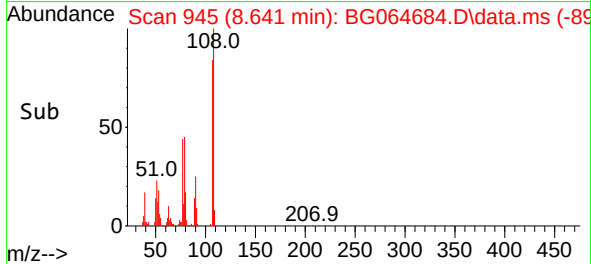
79 53.2 40.5 60.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025

Supervised By :mohammad ahmed 11/05/2025



#18

Hexachloroethane

Concen: 50.296 ng

RT: 9.305 min Scan# 1058

Delta R.T. -0.017 min

Lab File: BG064684.D

Acq: 3 Nov 2025 22:46

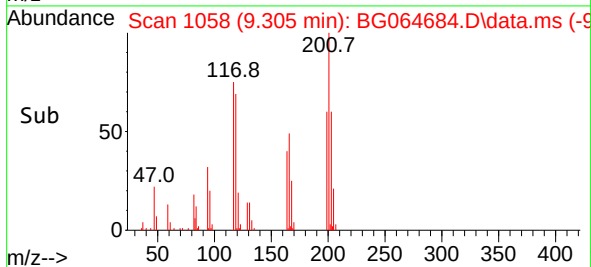
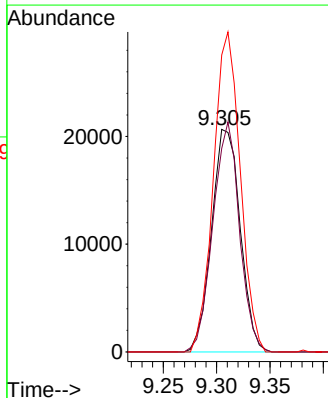
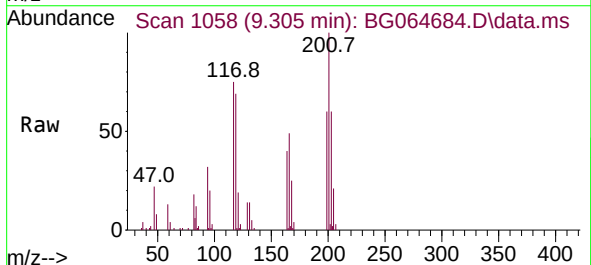
Tgt Ion:117 Resp: 38564

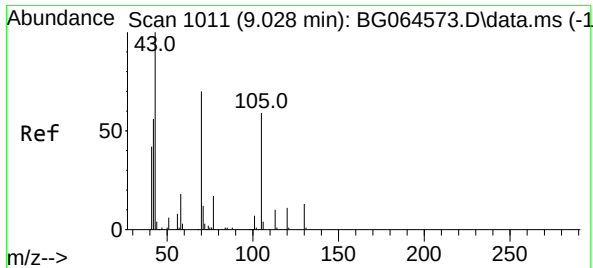
Ion Ratio Lower Upper

117 100

119 92.7 75.4 113.2

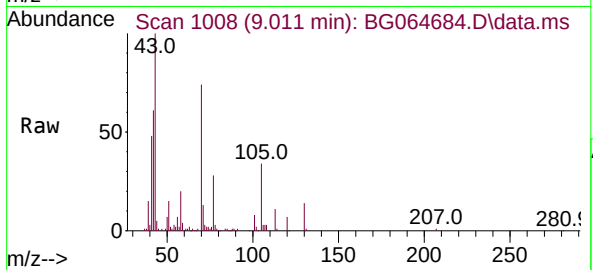
201 137.8 99.2 148.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.505 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

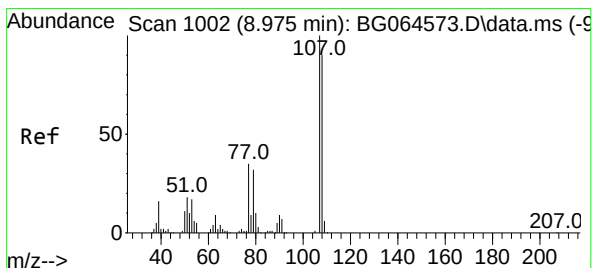
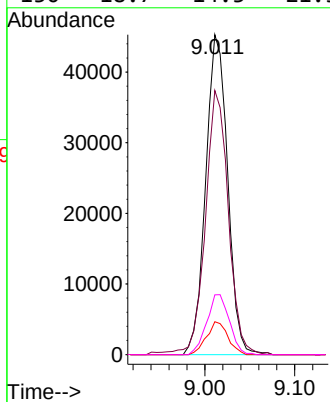
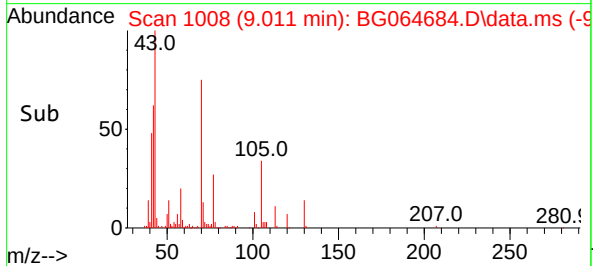
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion: 70 Resp: 76973
Ion Ratio Lower Upper
70 100
42 82.5 65.2 97.8
101 10.3 7.9 11.9
130 18.7 14.3 21.5

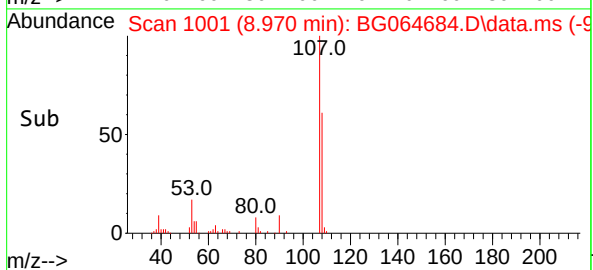
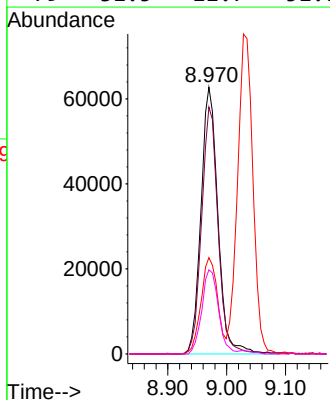
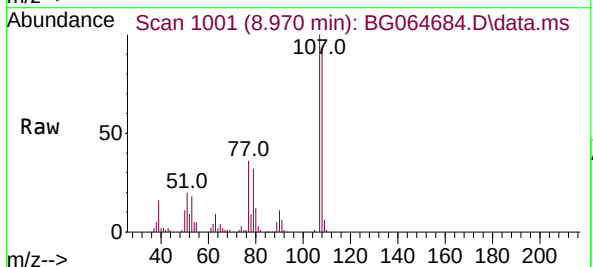
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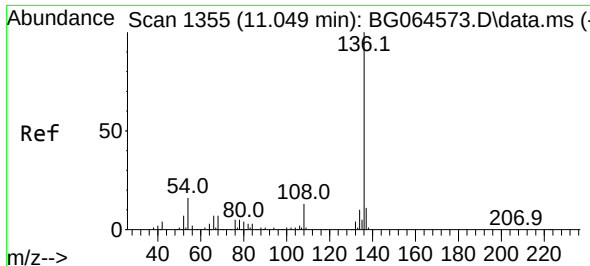
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#20
3+4-Methylphenols
Concen: 49.745 ng
RT: 8.970 min Scan# 1001
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

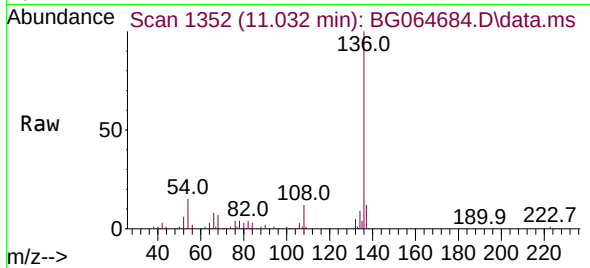
Tgt Ion:107 Resp: 125725
Ion Ratio Lower Upper
107 100
108 92.6 70.3 110.3
77 36.1 14.6 54.6
79 31.5 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 1352
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

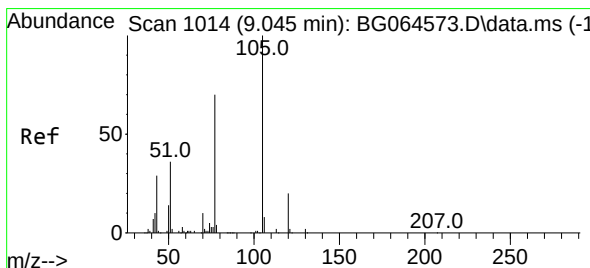
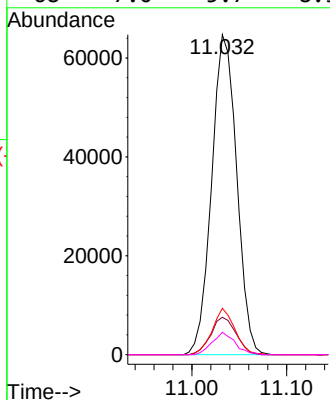
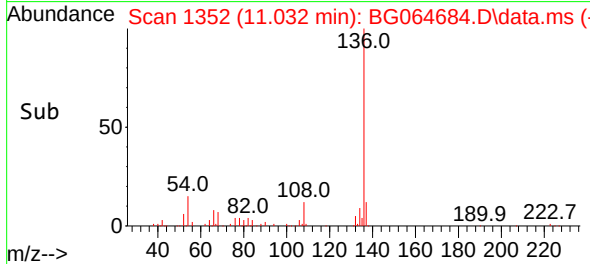
Instrument : BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:136 Resp: 118752
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 14.5 12.6 19.0
68 7.0 5.7 8.5

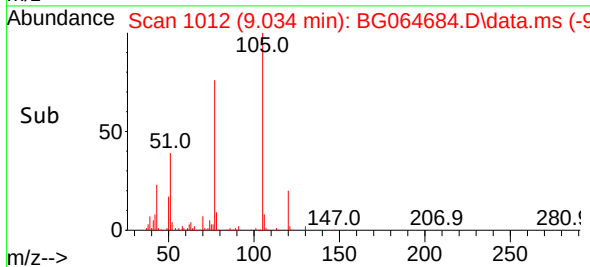
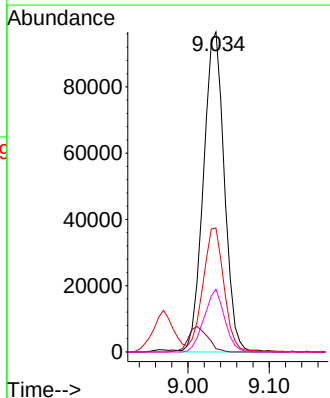
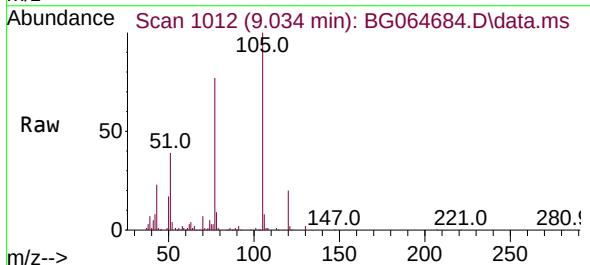
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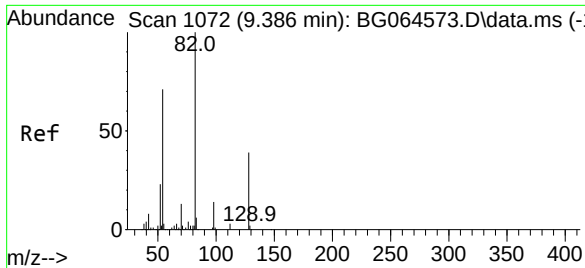
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 53.272 ng
RT: 9.034 min Scan# 1012
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

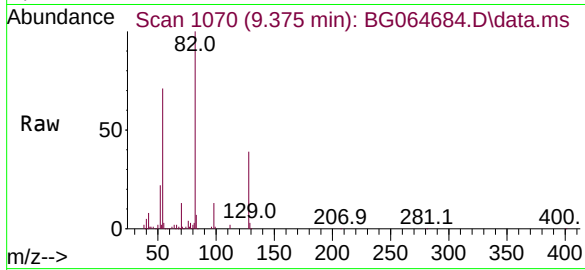
Tgt Ion:105 Resp: 172932
Ion Ratio Lower Upper
105 100
71 1.0 1.5 2.3#
51 38.7 33.7 50.5
120 19.6 16.1 24.1





#23
Nitrobenzene-d5
Concen: 74.085 ng
RT: 9.375 min Scan# 1070
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

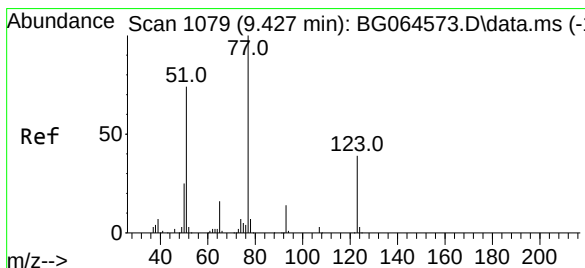
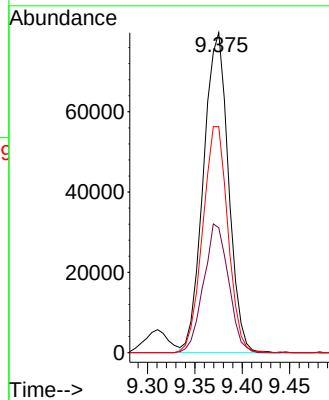
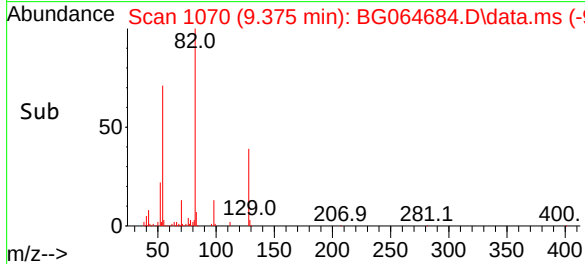
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion: 82 Resp: 146476
Ion Ratio Lower Upper
82 100
128 39.0 31.3 46.9
54 70.7 56.6 84.8

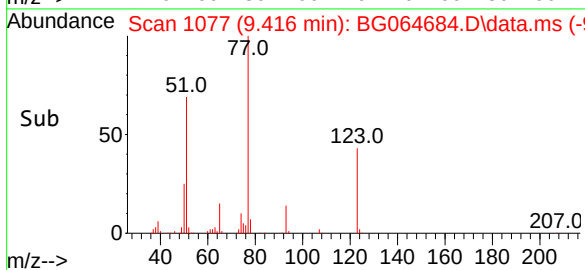
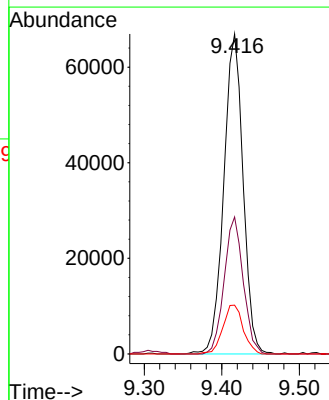
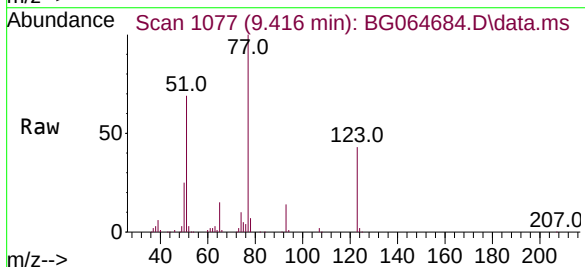
Manual Integrations
APPROVED

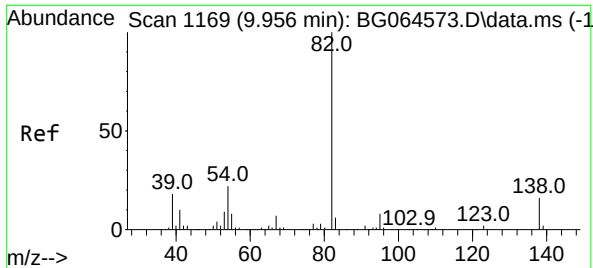
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#24
Nitrobenzene
Concen: 53.864 ng
RT: 9.416 min Scan# 1077
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

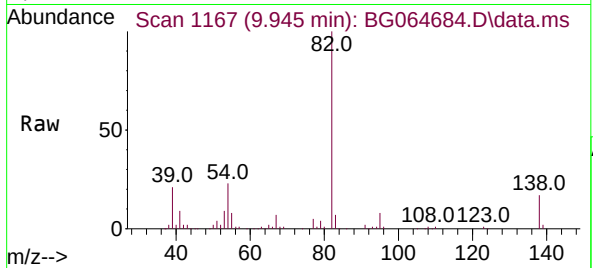
Tgt Ion: 77 Resp: 115831
Ion Ratio Lower Upper
77 100
123 42.8 31.0 46.6
65 15.2 12.7 19.1





#25
Isophorone
Concen: 46.096 ng
RT: 9.945 min Scan# 1167
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

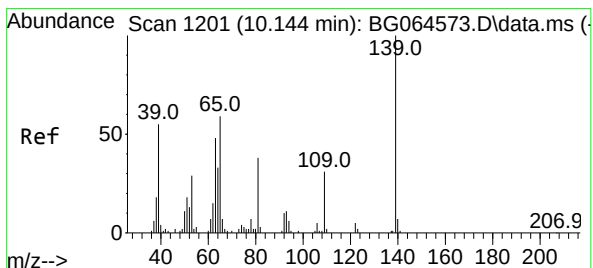
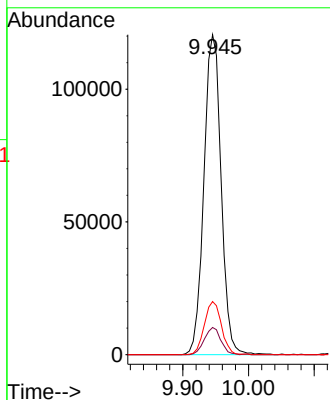
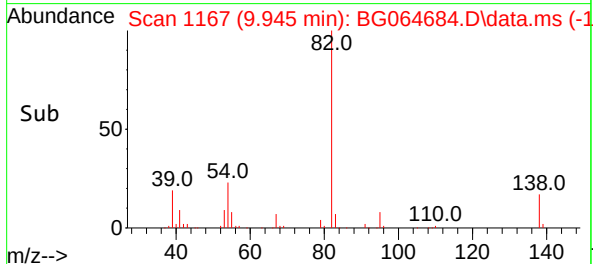
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



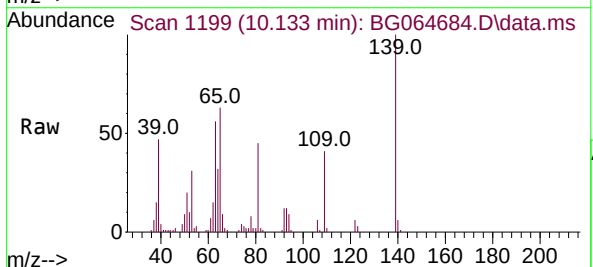
Tgt Ion: 82 Resp: 218689
Ion Ratio Lower Upper
82 100
95 8.5 6.1 9.1
138 16.6 13.0 19.4

Manual Integrations
APPROVED

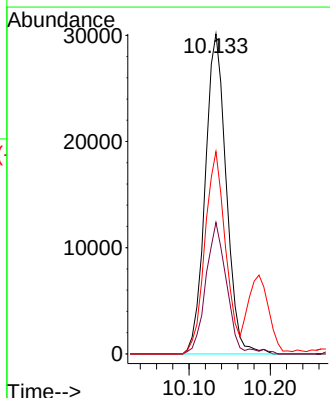
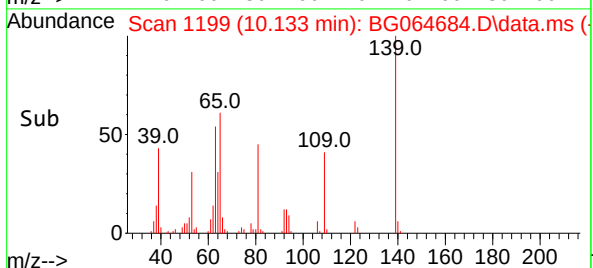
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

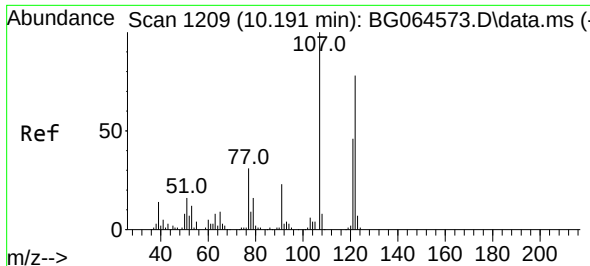


#26
2-Nitrophenol
Concen: 64.182 ng
RT: 10.133 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46



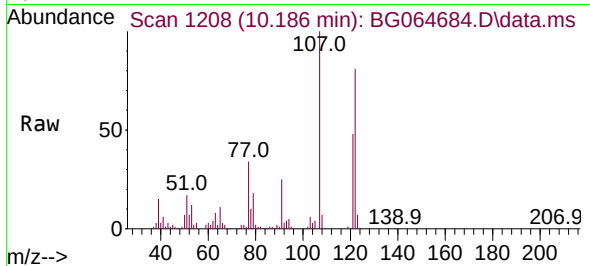
Tgt Ion:139 Resp: 54190
Ion Ratio Lower Upper
139 100
109 41.1 24.6 37.0#
65 63.2 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 54.028 ng
RT: 10.186 min Scan# 1208
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

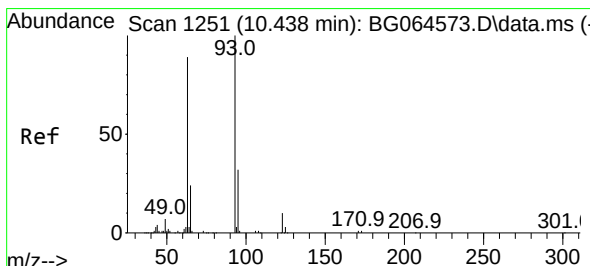
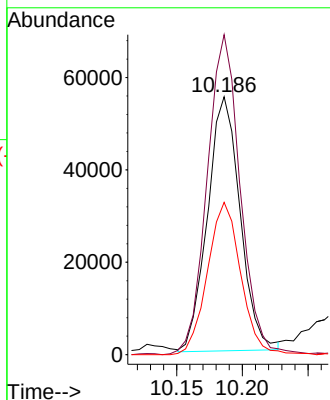
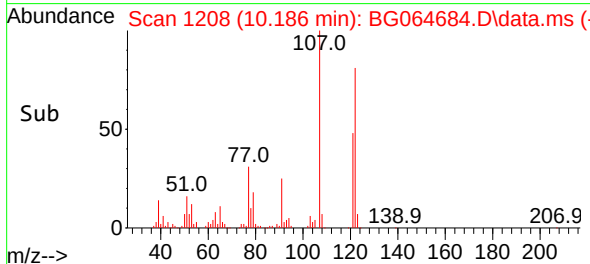
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:122 Resp: 95345
Ion Ratio Lower Upper
122 100
107 124.1 103.0 154.4
121 59.0 47.8 71.8

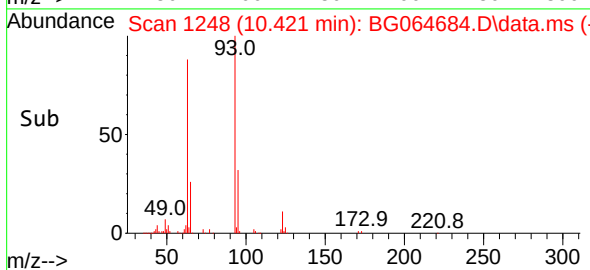
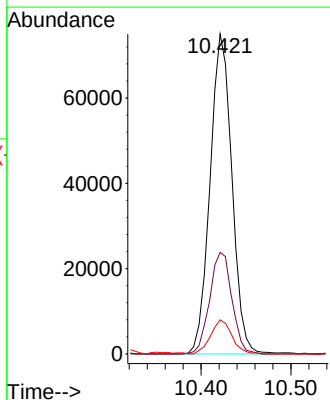
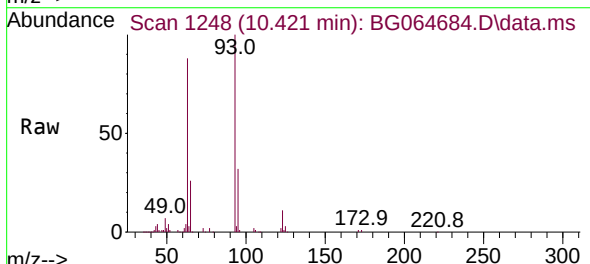
Manual Integrations
APPROVED

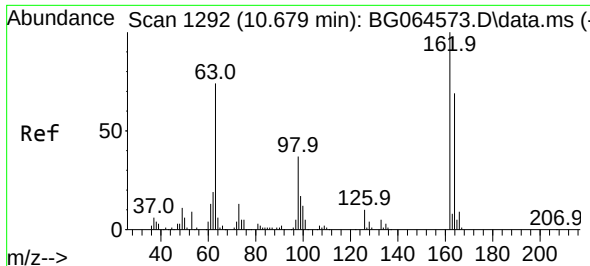
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 46.969 ng
RT: 10.421 min Scan# 1248
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion: 93 Resp: 126872
Ion Ratio Lower Upper
93 100
95 31.7 25.4 38.2
123 10.6 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 55.529 ng

RT: 10.674 min Scan# 1291

Delta R.T. -0.005 min

Lab File: BG064684.D

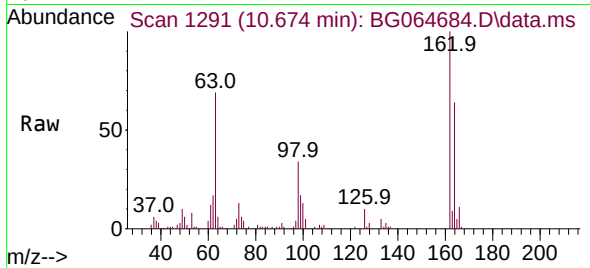
Acq: 3 Nov 2025 22:46

Instrument :

BNA_G

ClientSampleId :

COMP-ROLLOFFMSD



Tgt Ion:162 Resp: 105460

Ion Ratio Lower Upper

162 100

164 64.1 48.7 88.7

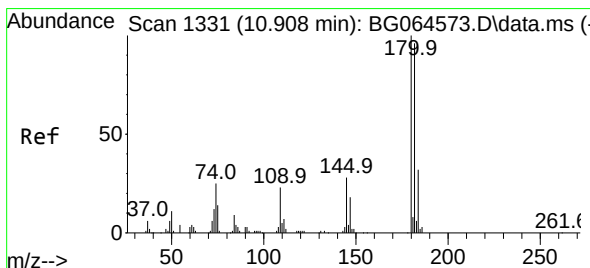
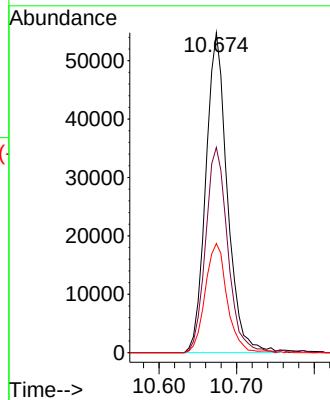
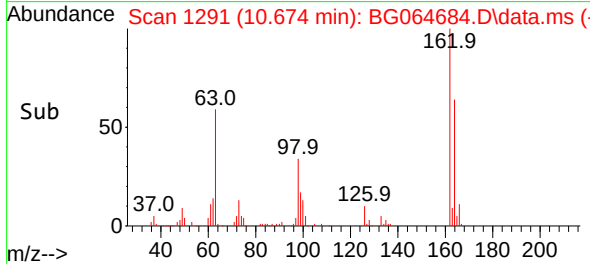
98 34.1 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025

Supervised By :mohammad ahmed 11/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 55.764 ng

RT: 10.897 min Scan# 1329

Delta R.T. -0.011 min

Lab File: BG064684.D

Acq: 3 Nov 2025 22:46

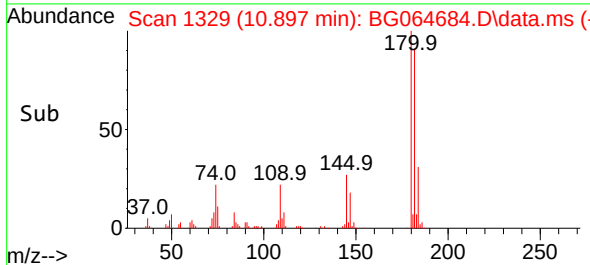
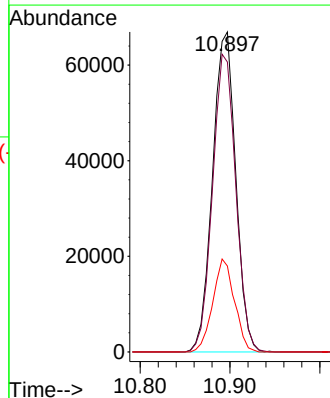
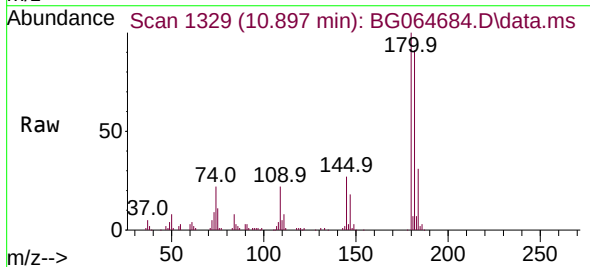
Tgt Ion:180 Resp: 120331

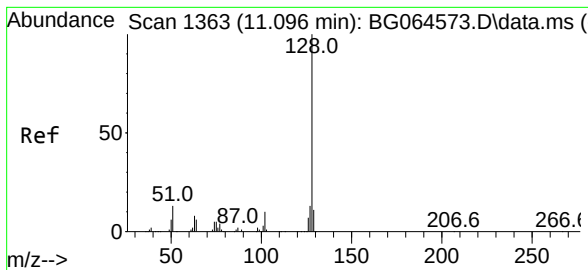
Ion Ratio Lower Upper

180 100

182 90.6 76.9 115.3

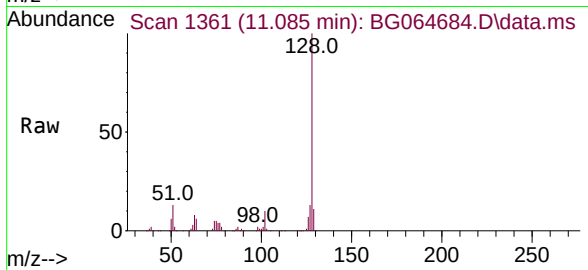
145 26.8 22.1 33.1





#31
Naphthalene
Concen: 48.977 ng
RT: 11.085 min Scan# 1363
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

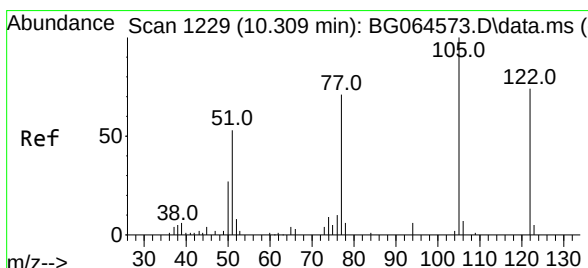
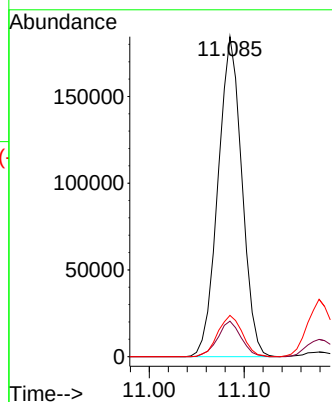
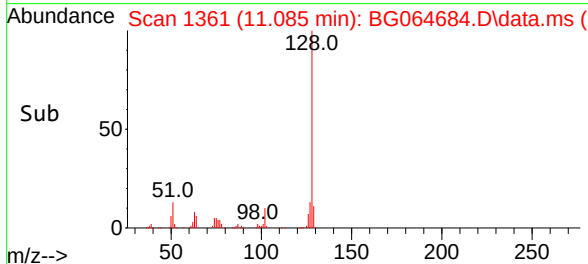
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:128 Resp: 322463
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.6 15.8

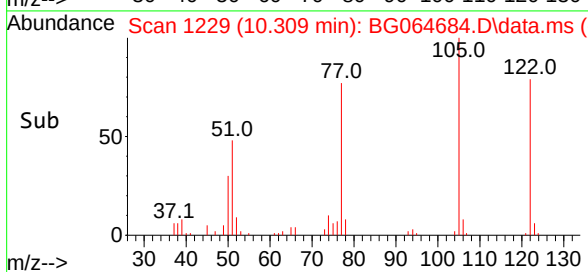
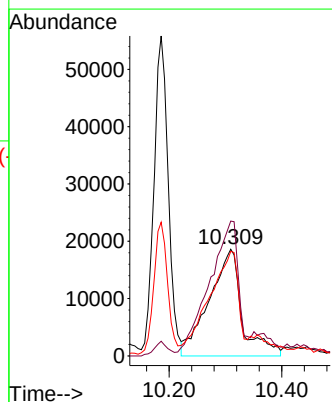
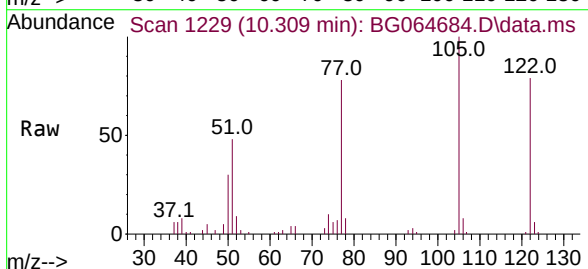
Manual Integrations
APPROVED

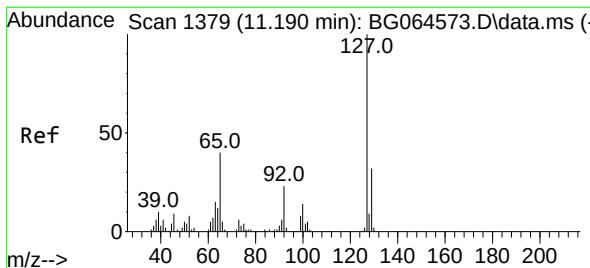
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 54.449 ng m
RT: 10.309 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

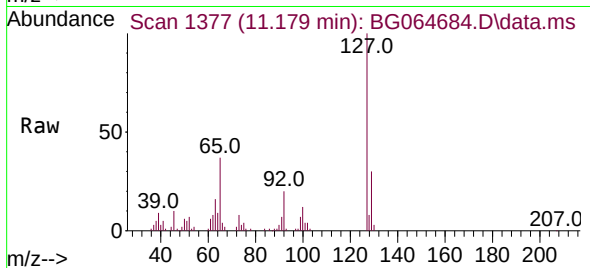
Tgt Ion:122 Resp: 74800
Ion Ratio Lower Upper
122 100
105 126.4 104.2 144.2
77 98.1 70.2 110.2





#33
4-Chloroaniline
Concen: 25.031 ng
RT: 11.179 min Scan# 1379
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

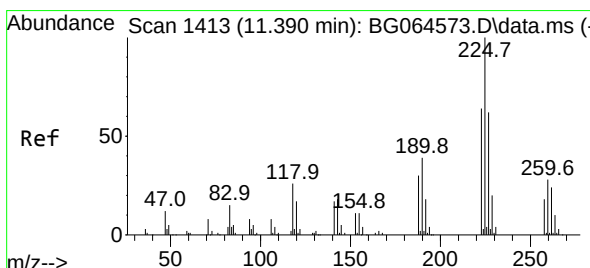
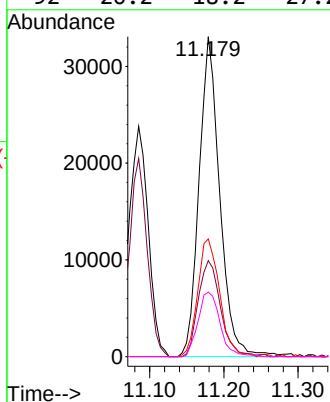
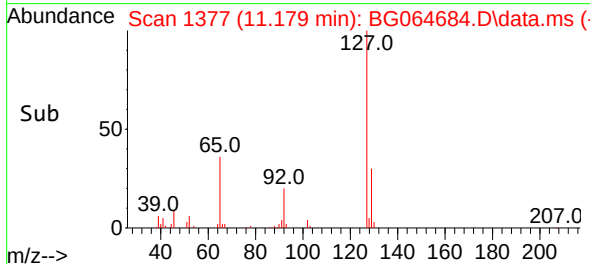
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:127 Resp: 64055
Ion Ratio Lower Upper
127 100
129 30.0 25.5 38.3
65 36.8 32.2 48.4
92 20.2 18.2 27.2

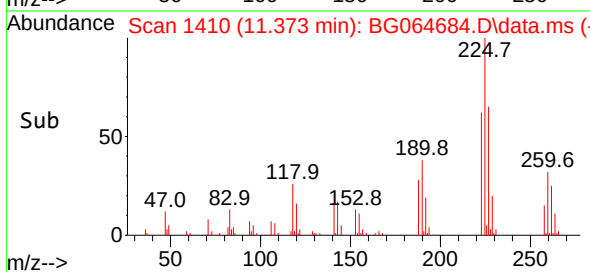
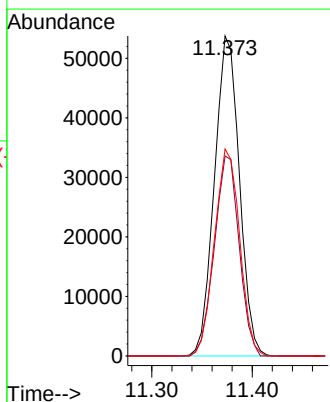
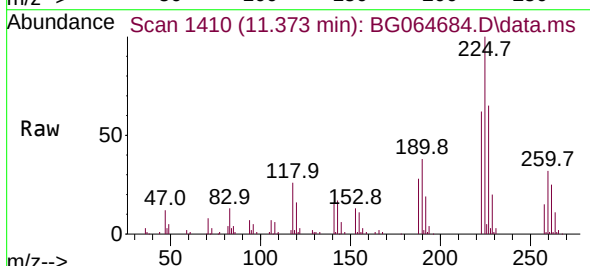
Manual Integrations
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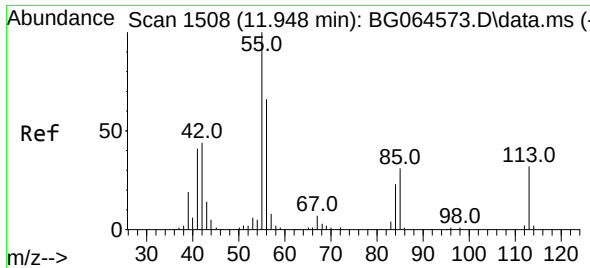
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#34
Hexachlorobutadiene
Concen: 55.106 ng
RT: 11.373 min Scan# 1410
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

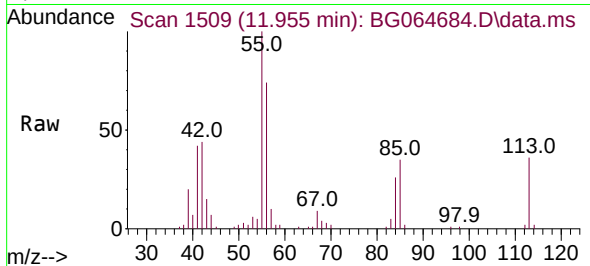
Tgt Ion:225 Resp: 92994
Ion Ratio Lower Upper
225 100
223 59.4 48.8 73.2
227 61.4 49.5 74.3





#35
Caprolactam
Concen: 45.669 ng m
RT: 11.955 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

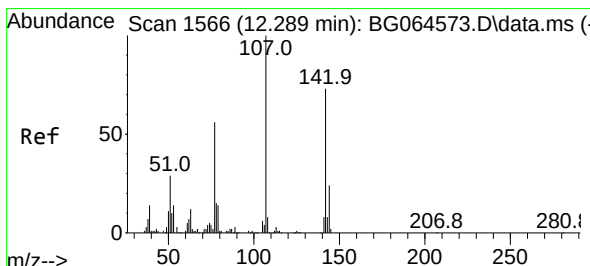
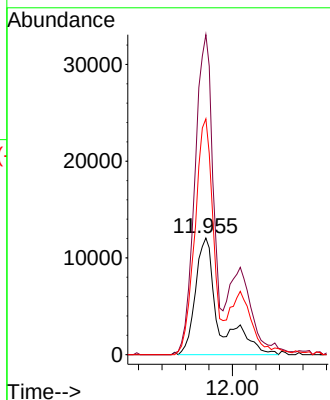
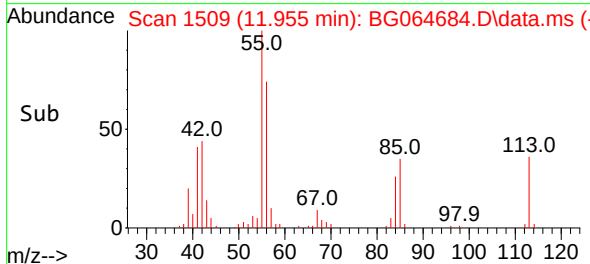
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:113 Resp: 33266
Ion Ratio Lower Upper
113 100
55 274.4 290.1 330.1
56 202.1 183.8 223.8

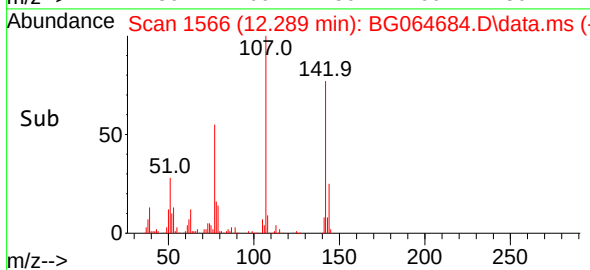
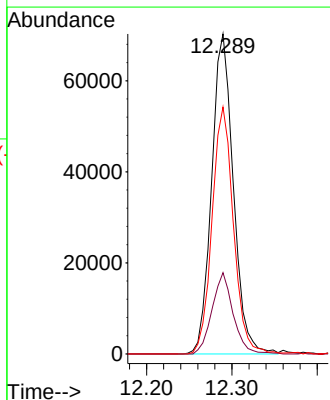
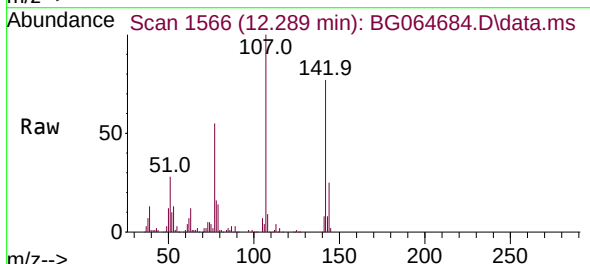
Manual Integrations
APPROVED

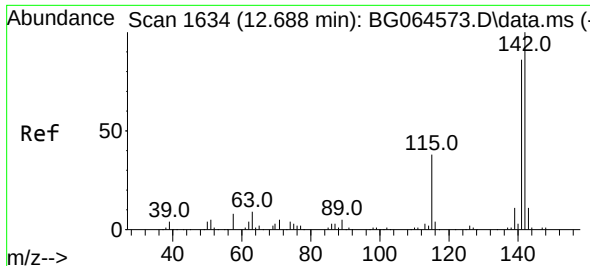
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#36
4-Chloro-3-methylphenol
Concen: 54.345 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.001 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

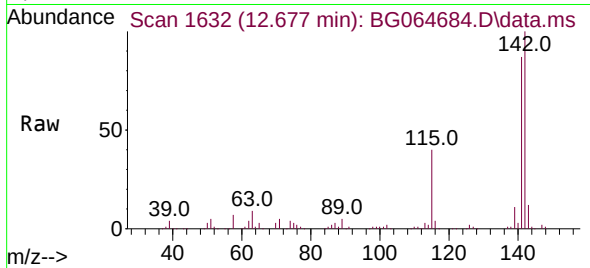
Tgt Ion:107 Resp: 124062
Ion Ratio Lower Upper
107 100
144 25.4 19.1 28.7
142 77.1 58.6 87.8





#37
2-Methylnaphthalene
Concen: 45.702 ng
RT: 12.677 min Scan# 1632
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

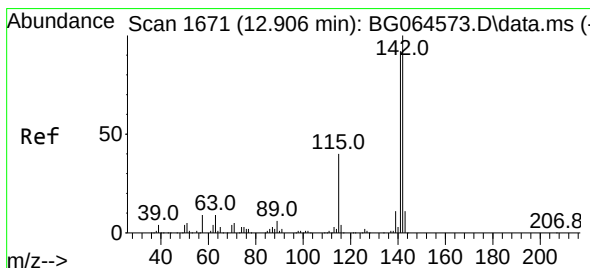
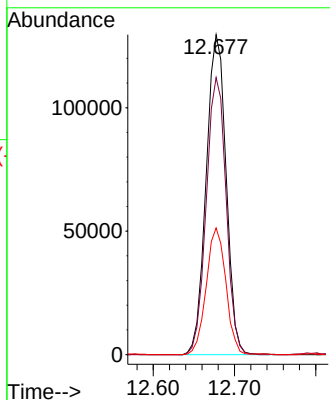
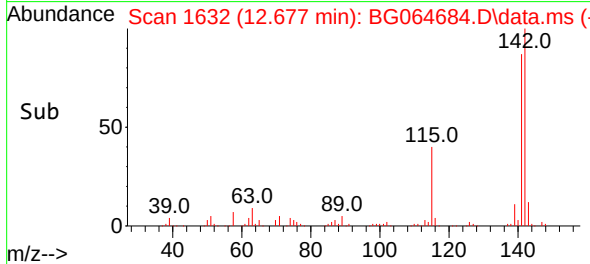
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:142 Resp: 220918
Ion Ratio Lower Upper
142 100
141 86.6 68.9 103.3
115 39.6 30.6 46.0

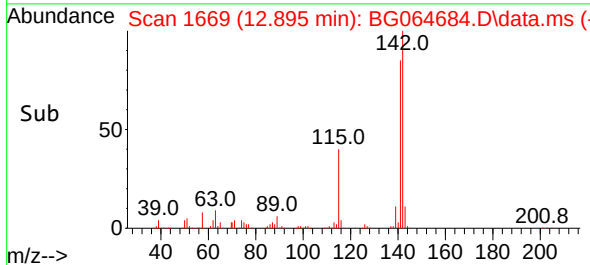
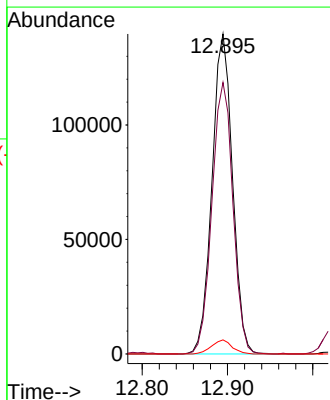
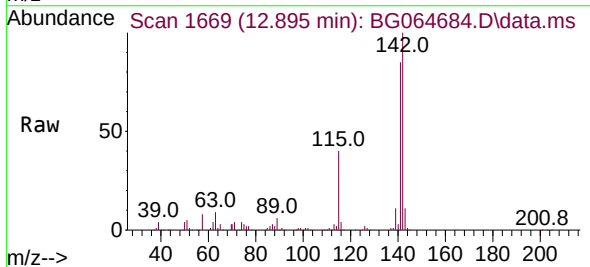
Manual Integrations
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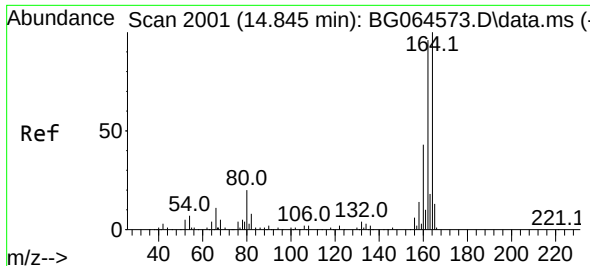
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#38
1-Methylnaphthalene
Concen: 48.676 ng
RT: 12.895 min Scan# 1669
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

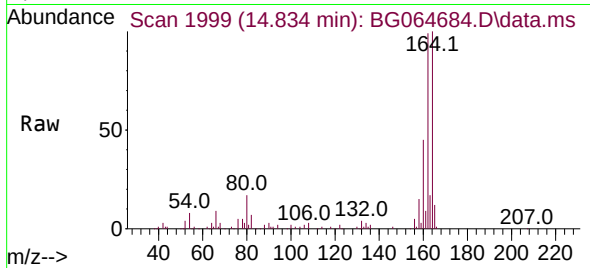
Tgt Ion:142 Resp: 232934
Ion Ratio Lower Upper
142 100
141 84.8 73.3 109.9
116 4.4 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.834 min Scan# 1999
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

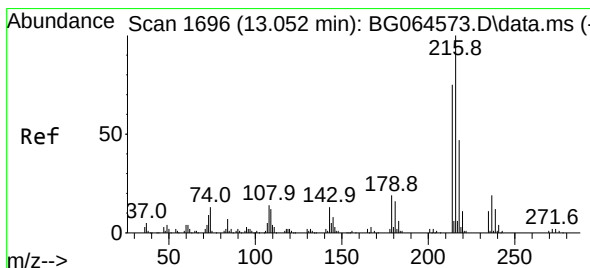
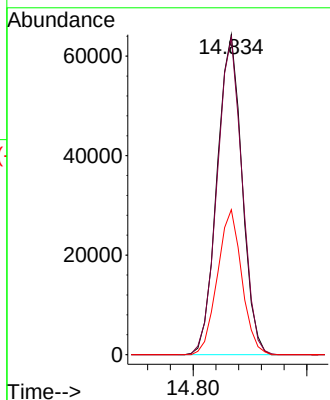
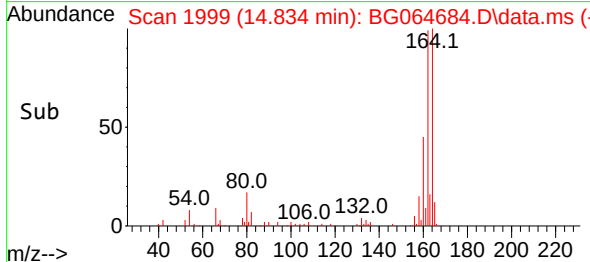
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:164 Resp: 97631
Ion Ratio Lower Upper
164 100
162 99.2 77.0 115.6
160 45.3 34.4 51.6

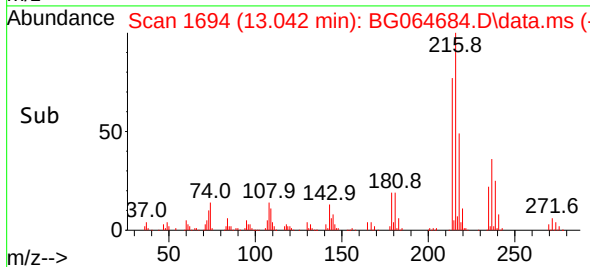
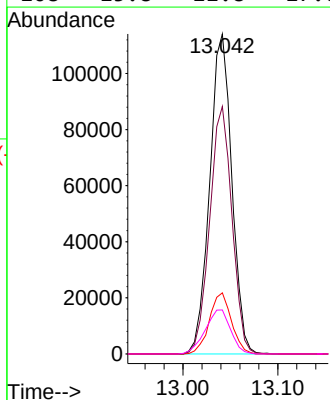
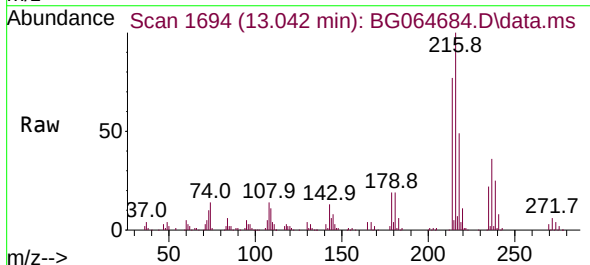
Manual Integrations
APPROVED

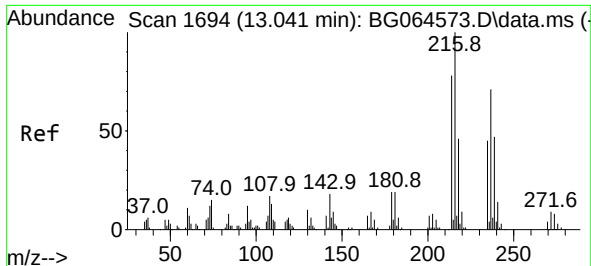
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.395 ng
RT: 13.042 min Scan# 1694
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

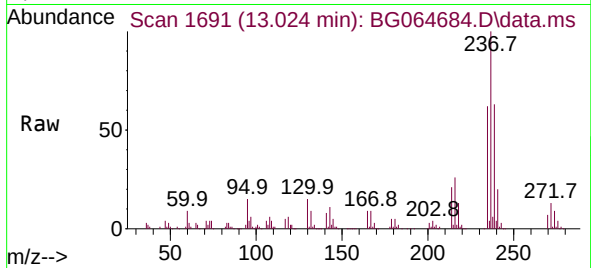
Tgt Ion:216 Resp: 184783
Ion Ratio Lower Upper
216 100
214 77.6 61.4 92.2
179 19.1 15.4 23.0
108 15.8 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 151.043 ng
RT: 13.024 min Scan# 1694
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

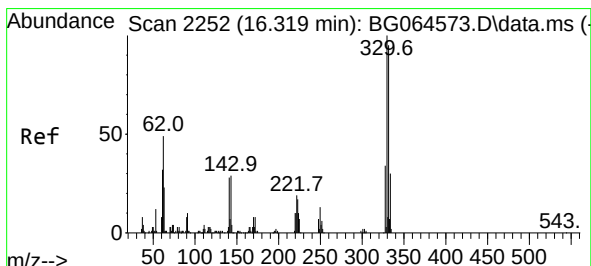
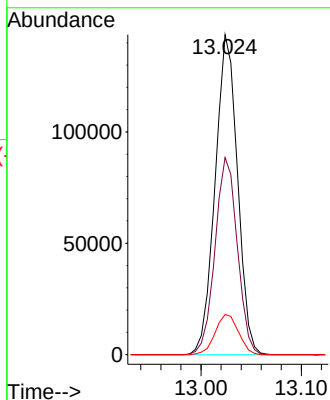
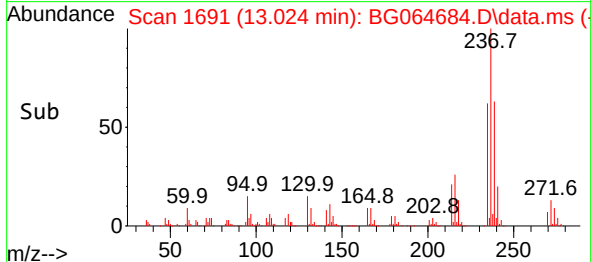
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:237 Resp: 222759
Ion Ratio Lower Upper
237 100
235 61.6 44.1 84.1
272 12.5 0.0 32.4

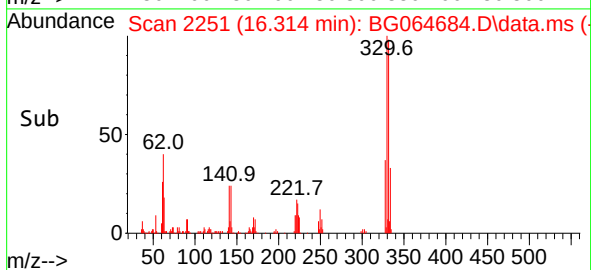
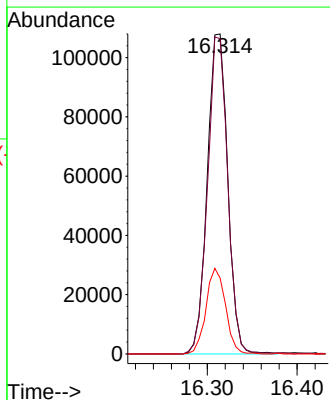
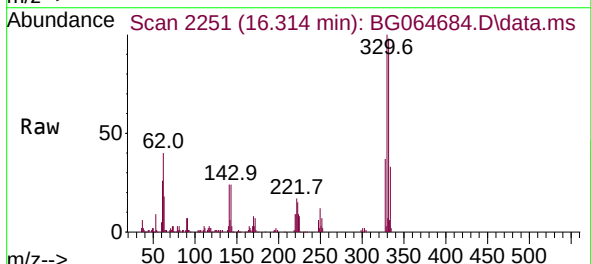
Manual Integrations
APPROVED

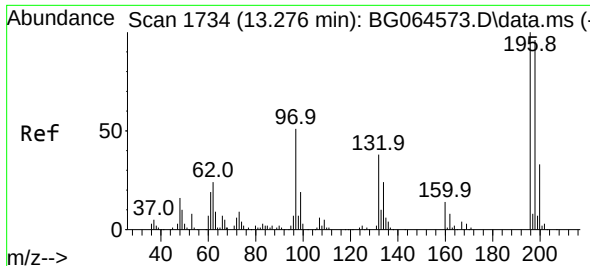
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#42
2,4,6-Tribromophenol
Concen: 121.427 ng
RT: 16.314 min Scan# 2251
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

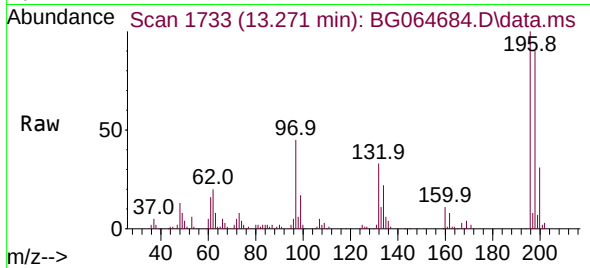
Tgt Ion:330 Resp: 171104
Ion Ratio Lower Upper
330 100
332 97.3 78.0 117.0
141 25.4 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 57.487 ng
RT: 13.271 min Scan# 1733
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

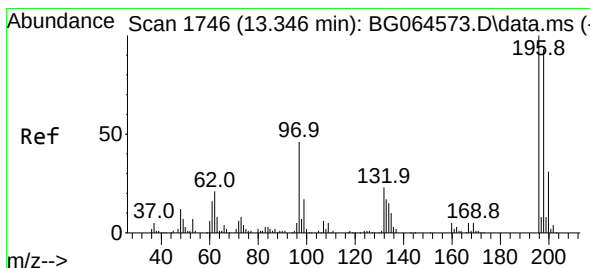
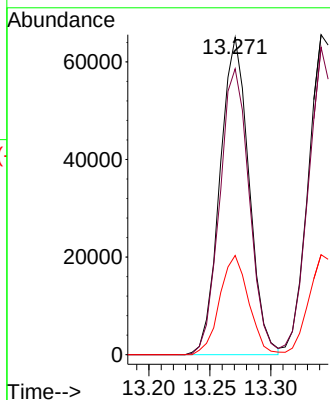
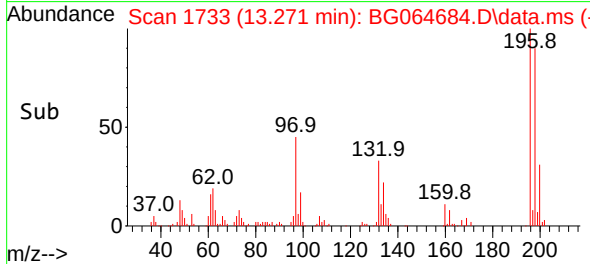
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:196 Resp: 107743
Ion Ratio Lower Upper
196 100
198 90.1 76.6 115.0
200 31.2 26.0 39.0

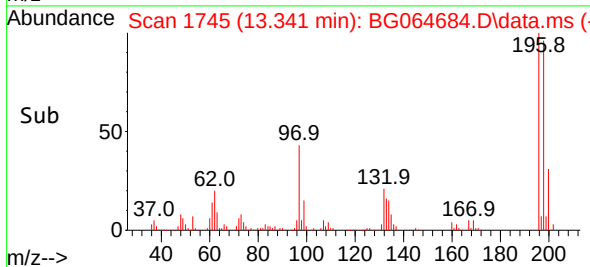
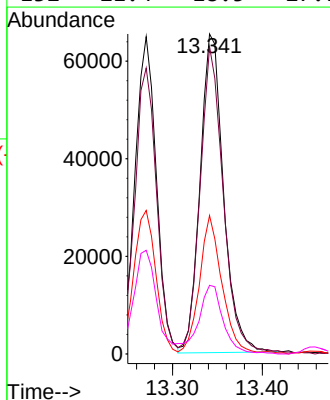
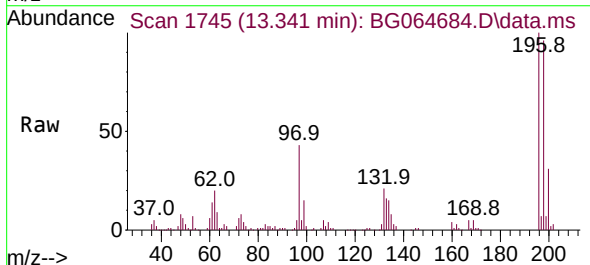
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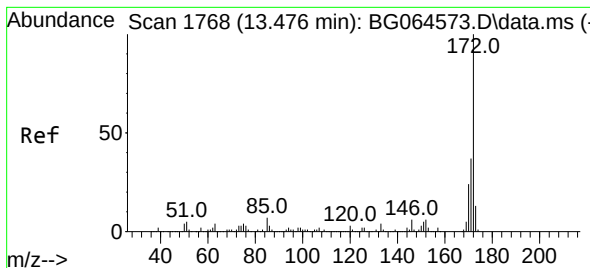
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#44
2,4,5-Trichlorophenol
Concen: 54.886 ng
RT: 13.341 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:196 Resp: 118709
Ion Ratio Lower Upper
196 100
198 96.0 74.2 111.4
97 43.2 37.0 55.6
132 21.4 18.5 27.7





#45

2-Fluorobiphenyl

Concen: 59.988 ng

RT: 13.459 min Scan# 1765

Delta R.T. -0.017 min

Lab File: BG064684.D

Acq: 3 Nov 2025 22:46

Instrument :

BNA_G

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion:172 Resp: 38638

Ion Ratio Lower Upper

172 100

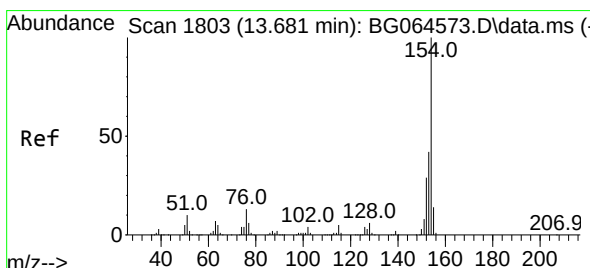
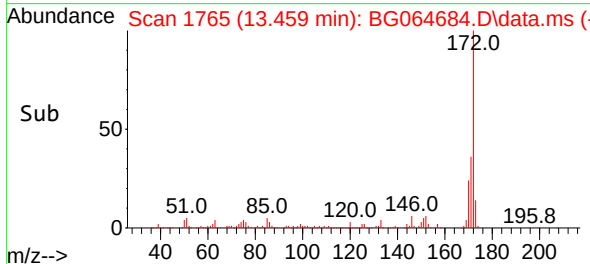
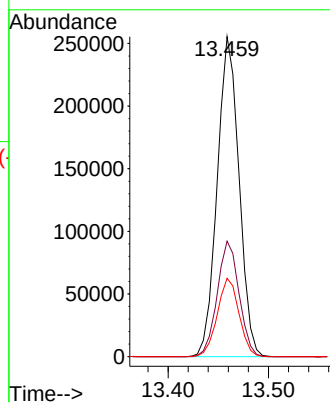
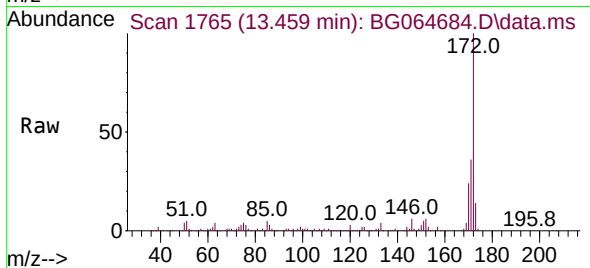
171 36.1 29.4 44.0

170 24.5 19.1 28.7

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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#46

1,1'-Biphenyl

Concen: 53.618 ng

RT: 13.670 min Scan# 1801

Delta R.T. -0.011 min

Lab File: BG064684.D

Acq: 3 Nov 2025 22:46

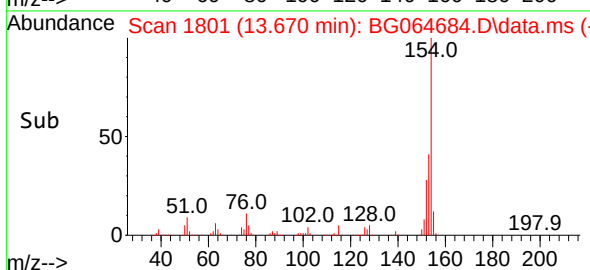
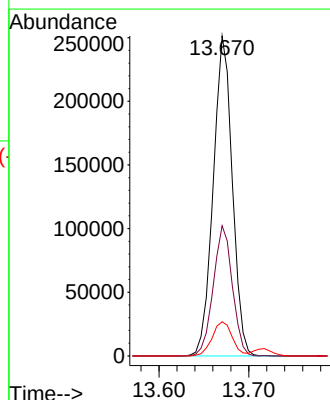
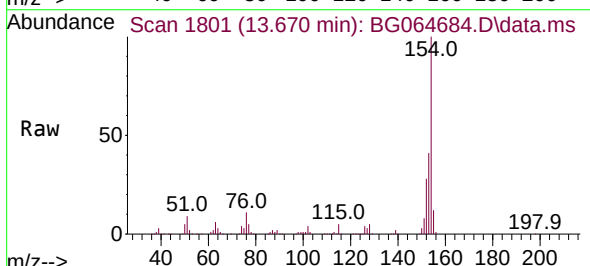
Tgt Ion:154 Resp: 372154

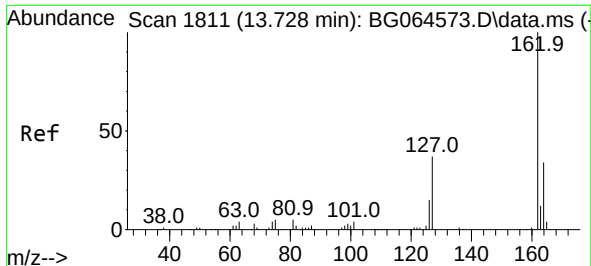
Ion Ratio Lower Upper

154 100

153 40.7 22.4 62.4

76 10.7 0.0 33.5





#47

2-Chloronaphthalene

Concen: 49.483 ng

RT: 13.717 min Scan# 1811

Delta R.T. -0.011 min

Lab File: BG064684.D

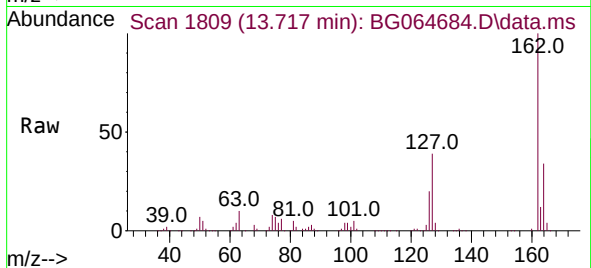
Acq: 3 Nov 2025 22:46

Instrument :

BNA_G

ClientSampleId :

COMP-ROLLOFFMSD



Tgt Ion:162 Resp: 259250

Ion Ratio Lower Upper

162 100

127 38.7 32.2 48.2

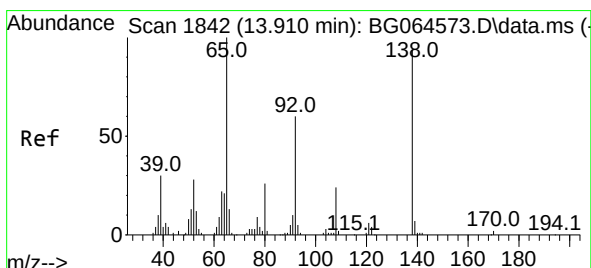
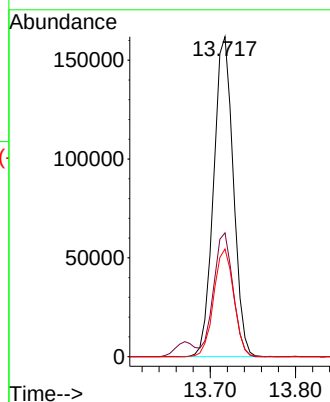
164 33.6 27.5 41.3

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Reviewed By :Jagrut Upadhyay 11/04/2025

Supervised By :mohammad ahmed 11/05/2025



#48

2-Nitroaniline

Concen: 52.834 ng

RT: 13.905 min Scan# 1841

Delta R.T. -0.005 min

Lab File: BG064684.D

Acq: 3 Nov 2025 22:46

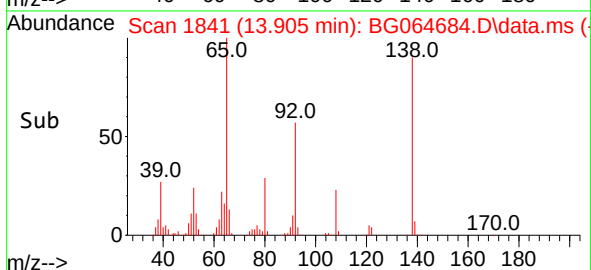
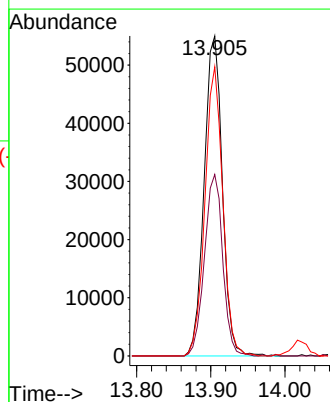
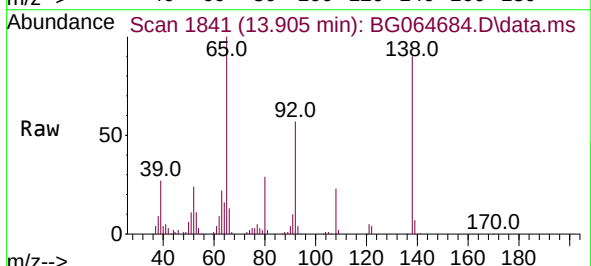
Tgt Ion: 65 Resp: 93538

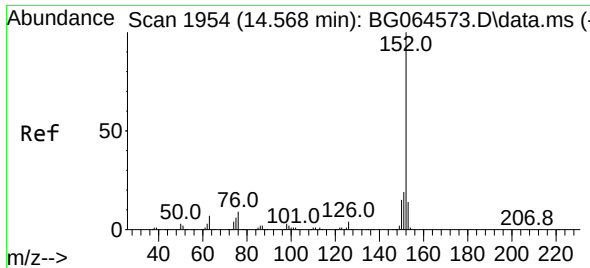
Ion Ratio Lower Upper

65 100

92 56.7 48.3 72.5

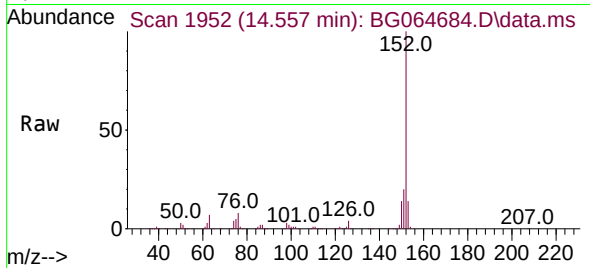
138 90.3 74.9 112.3





#49
Acenaphthylene
Concen: 55.015 ng
RT: 14.557 min Scan# 1954
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

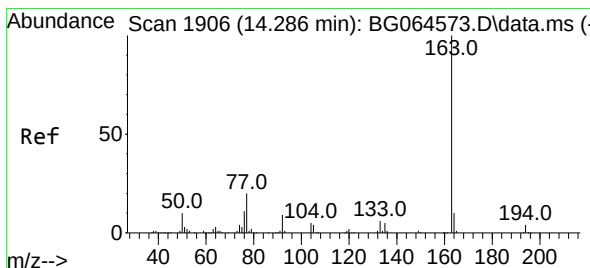
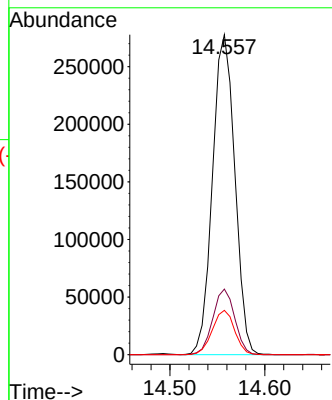
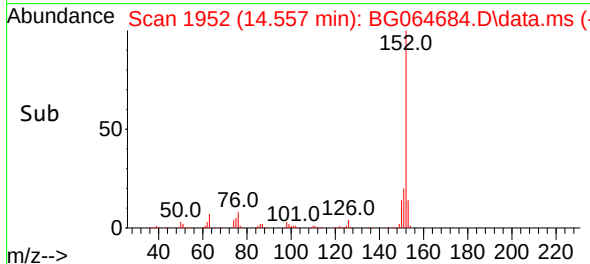
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



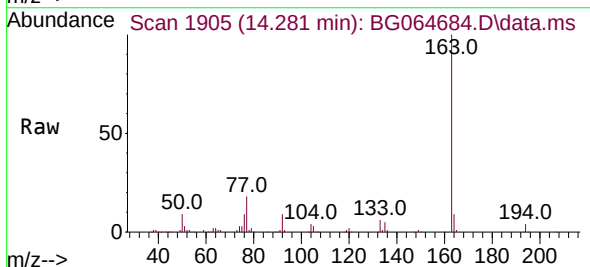
Tgt Ion:152 Resp: 454638
Ion Ratio Lower Upper
152 100
151 20.5 15.4 23.2
153 13.8 11.0 16.4

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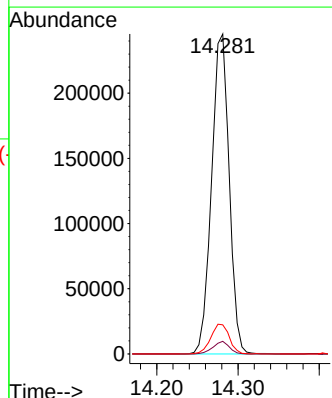
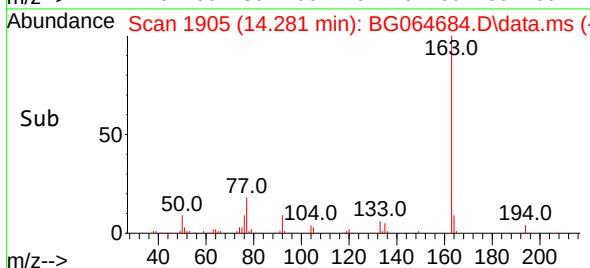
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

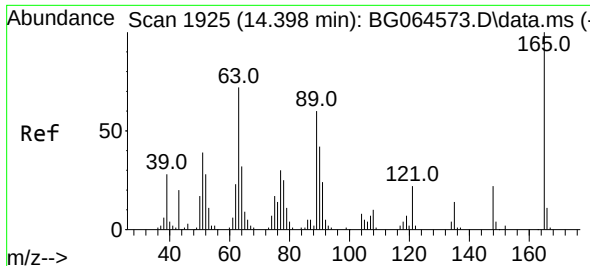


#50
Dimethylphthalate
Concen: 49.408 ng
RT: 14.281 min Scan# 1905
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46



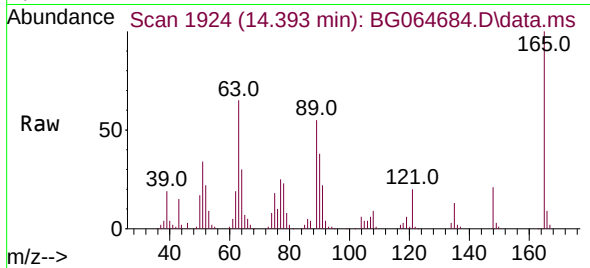
Tgt Ion:163 Resp: 369114
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.1 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 59.836 ng
RT: 14.393 min Scan# 1924
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

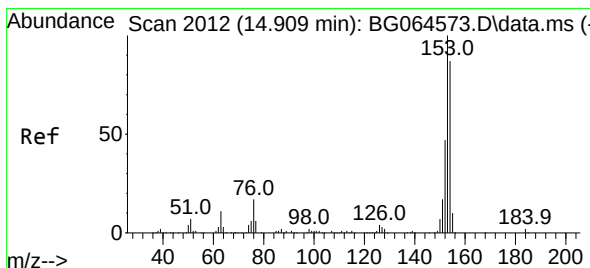
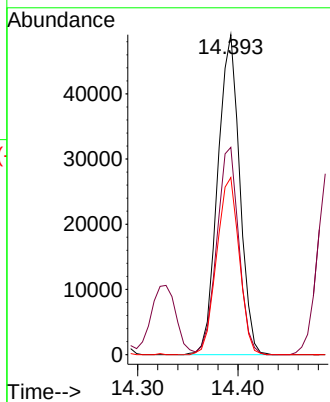
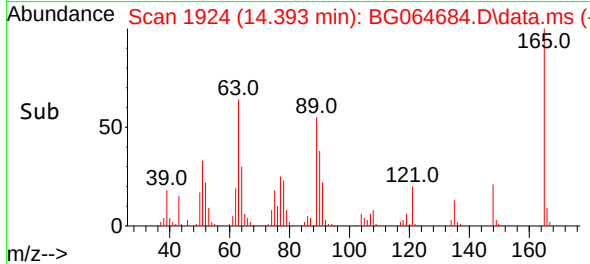
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:165 Resp: 74798
Ion Ratio Lower Upper
165 100
63 64.8 57.4 86.0
89 55.3 47.8 71.8

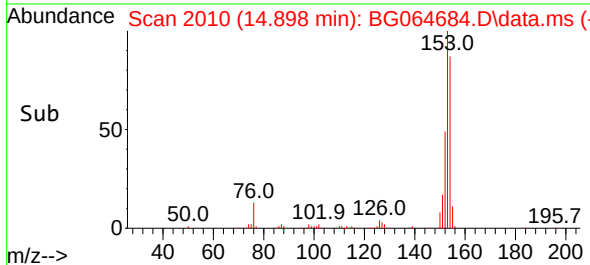
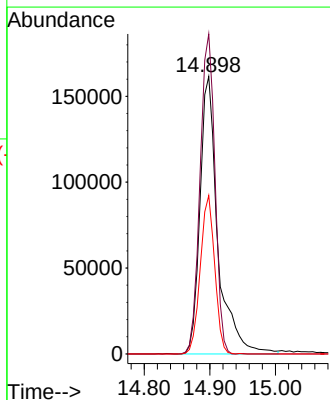
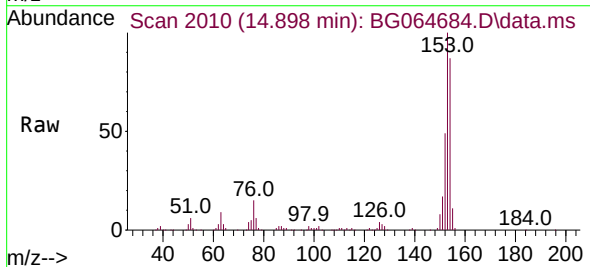
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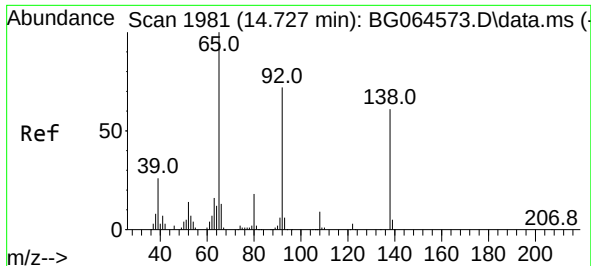
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 54.056 ng
RT: 14.898 min Scan# 2010
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:154 Resp: 305203
Ion Ratio Lower Upper
154 100
153 115.4 92.2 138.4
152 57.1 43.2 64.8





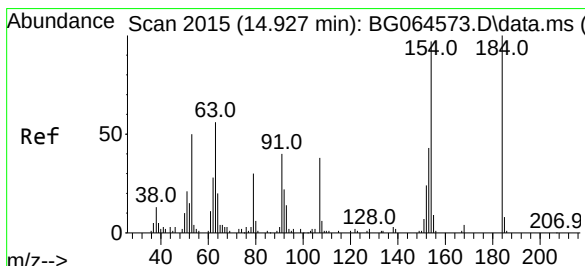
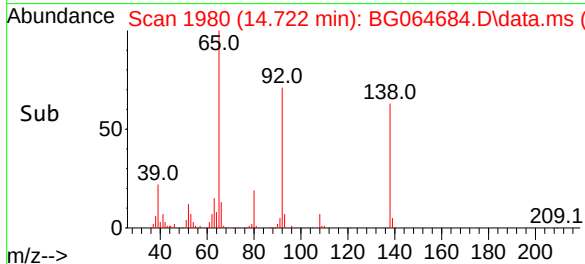
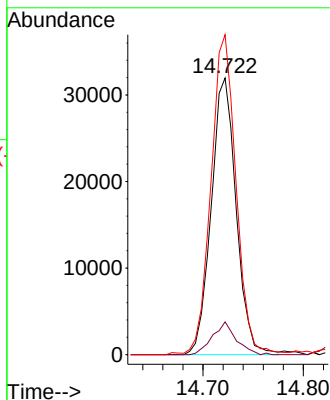
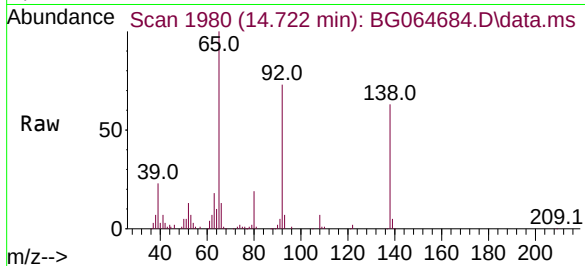
#53
3-Nitroaniline
Concen: 42.968 ng
RT: 14.722 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:138 Resp: 55166
Ion Ratio Lower Upper
138 100
108 11.9 11.4 17.0
92 115.7 95.3 142.9

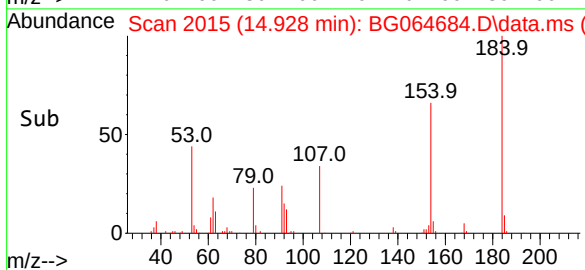
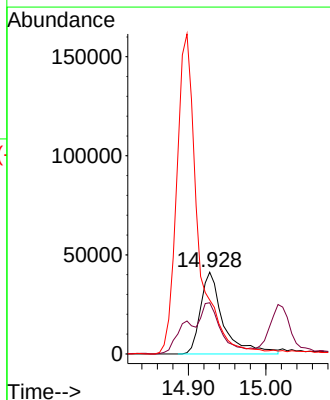
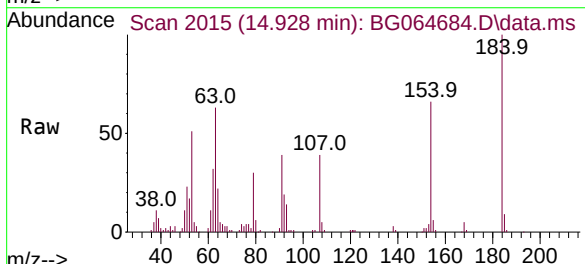
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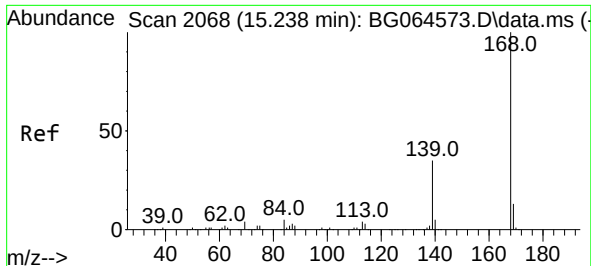
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 108.975 ng
RT: 14.928 min Scan# 2015
Delta R.T. 0.001 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

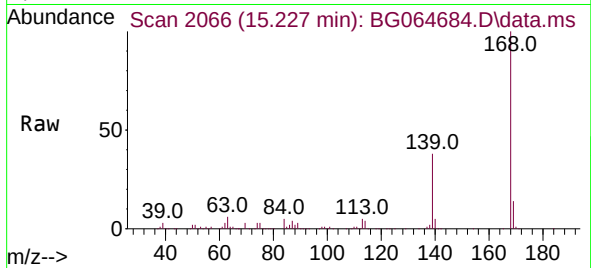
Tgt Ion:184 Resp: 84070
Ion Ratio Lower Upper
184 100
63 62.6 56.6 85.0
154 66.0 158.6 238.0#





#55
Dibenzenofuran
Concen: 48.709 ng
RT: 15.227 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

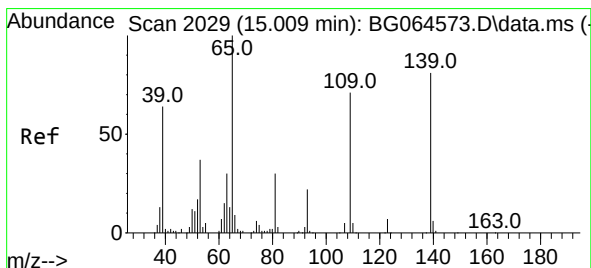
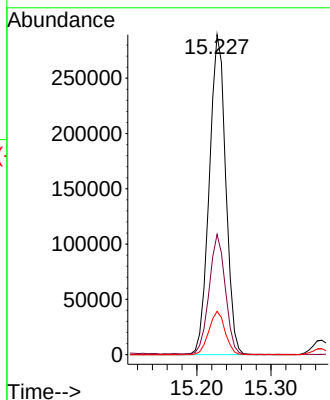
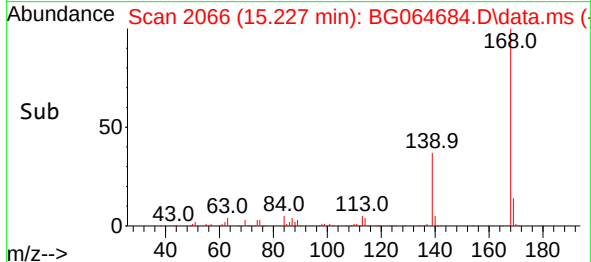
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:168 Resp: 444612
Ion Ratio Lower Upper
168 100
139 37.6 27.8 41.8
169 13.5 10.3 15.5

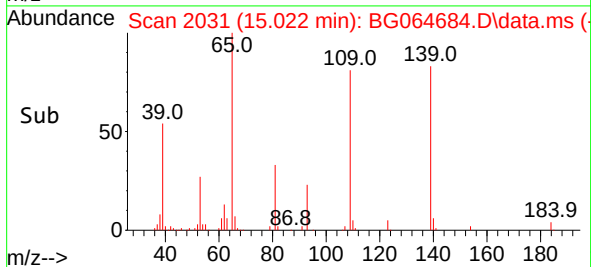
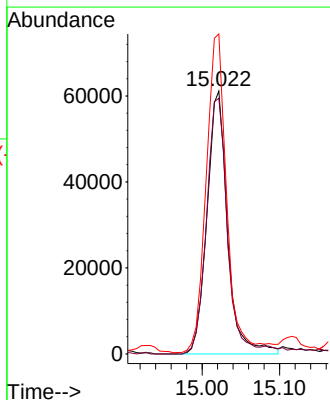
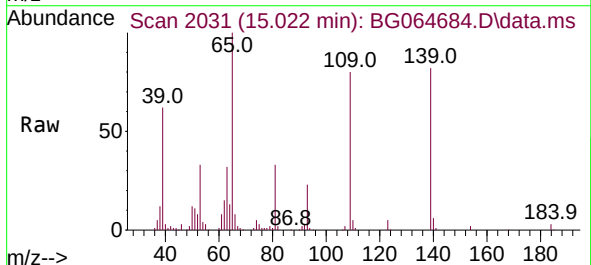
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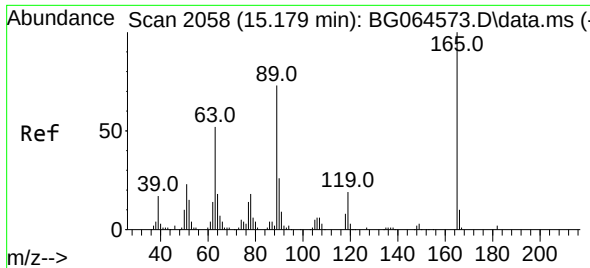
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#56
4-Nitrophenol
Concen: 94.733 ng
RT: 15.022 min Scan# 2031
Delta R.T. 0.013 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

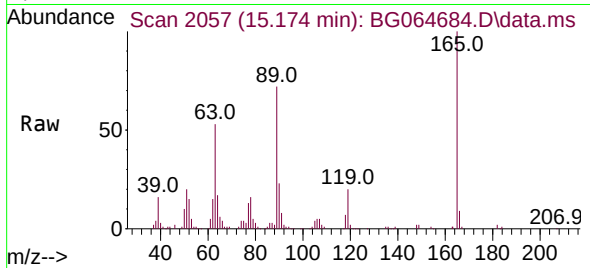
Tgt Ion:139 Resp: 112764
Ion Ratio Lower Upper
139 100
109 97.3 67.8 107.8
65 121.7 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 56.513 ng
RT: 15.174 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

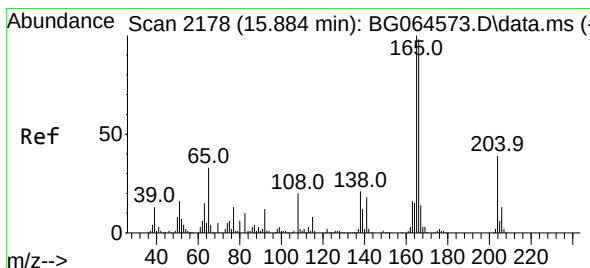
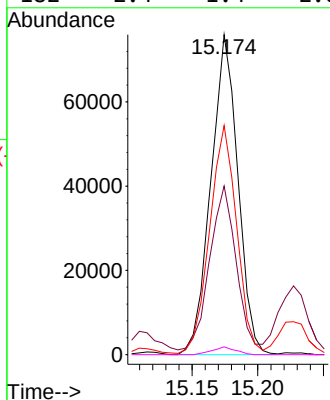
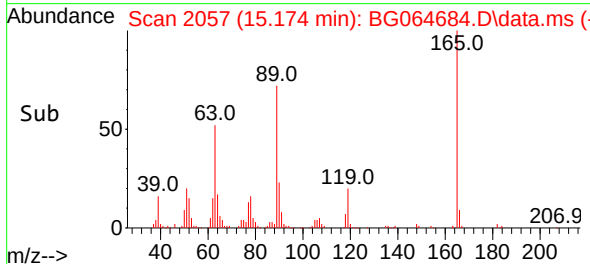
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:165 Resp: 108809
Ion Ratio Lower Upper
165 100
63 52.7 41.8 62.8
89 71.6 58.1 87.1
182 2.4 1.4 2.0#

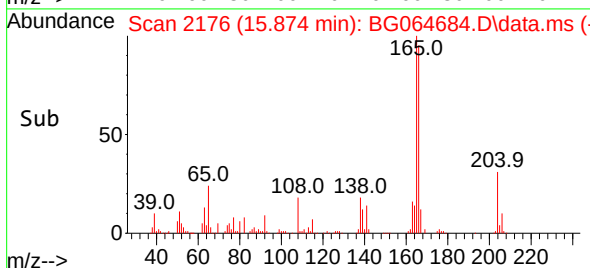
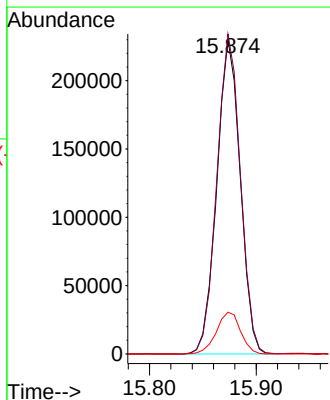
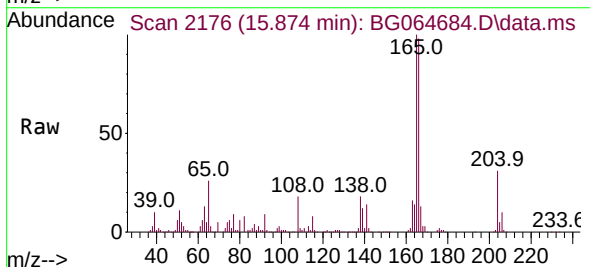
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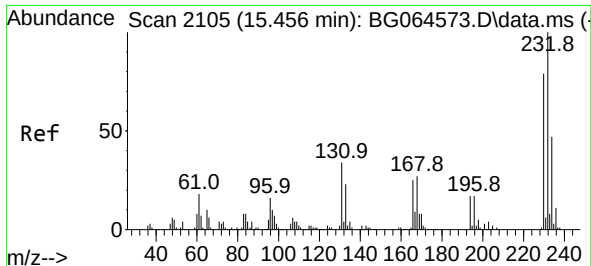
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#58
Fluorene
Concen: 49.345 ng
RT: 15.874 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

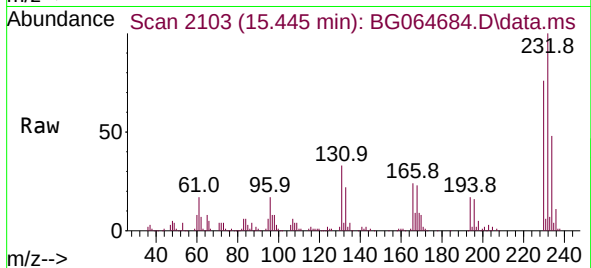
Tgt Ion:166 Resp: 351759
Ion Ratio Lower Upper
166 100
165 101.7 81.5 122.3
167 13.3 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.500 ng
RT: 15.445 min Scan# 2105
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

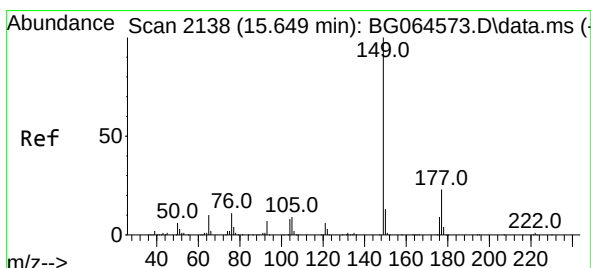
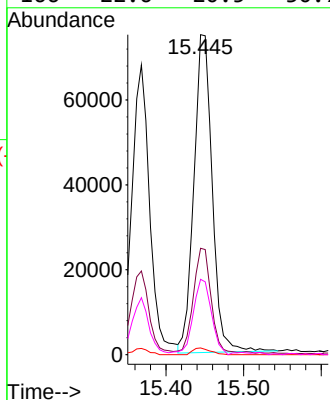
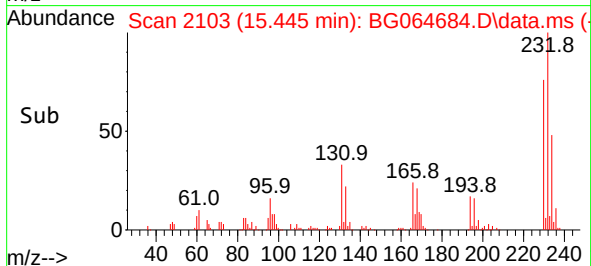
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



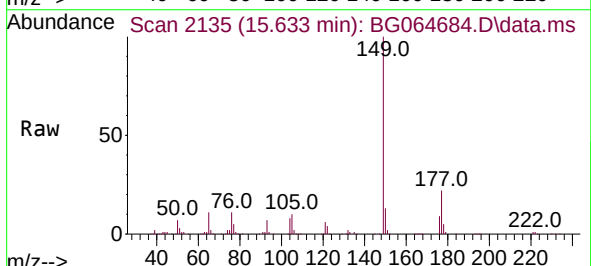
Tgt Ion:232 Resp: 123058
Ion Ratio Lower Upper
232 100
131 31.4 26.7 40.1
130 2.0 1.6 2.4
166 22.6 20.5 30.7

Manual Integrations
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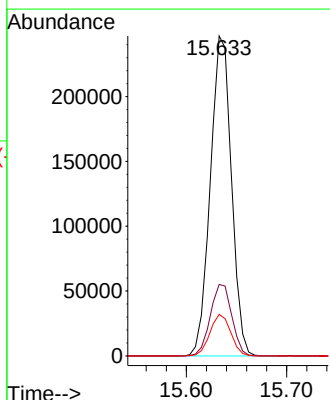
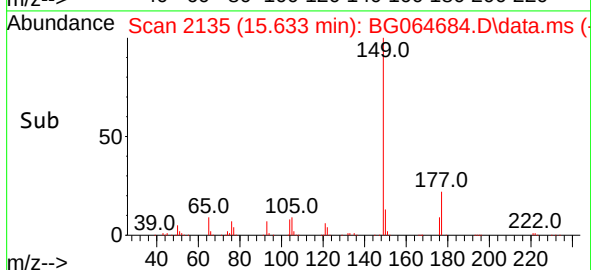
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

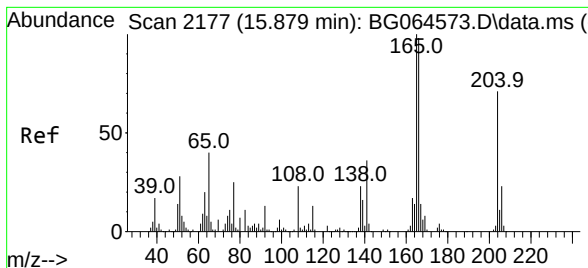


#60
Diethylphthalate
Concen: 47.297 ng
RT: 15.633 min Scan# 2135
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46



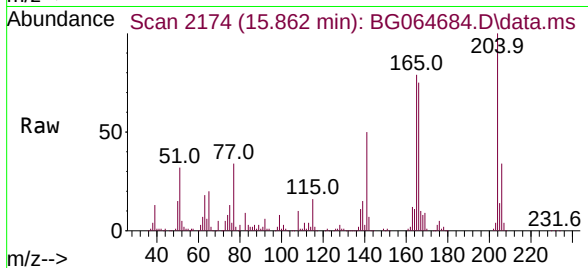
Tgt Ion:149 Resp: 360779
Ion Ratio Lower Upper
149 100
177 22.3 18.0 27.0
150 13.0 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 51.379 ng
RT: 15.862 min Scan# 2174
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

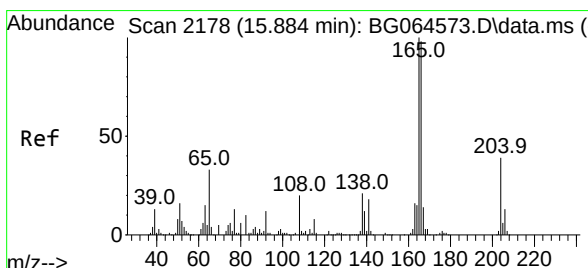
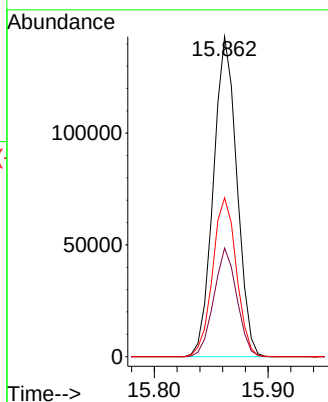
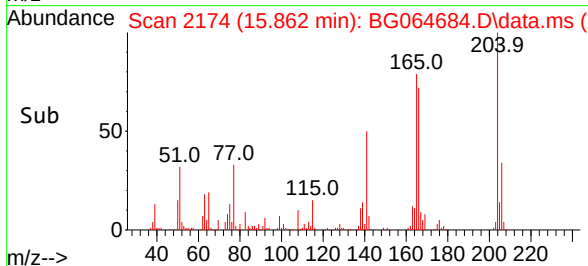
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



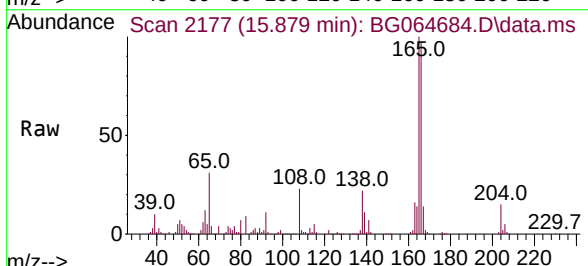
Tgt Ion:204 Resp: 205542
Ion Ratio Lower Upper
204 100
206 33.9 25.6 38.4
141 49.6 40.6 60.8

Manual Integrations
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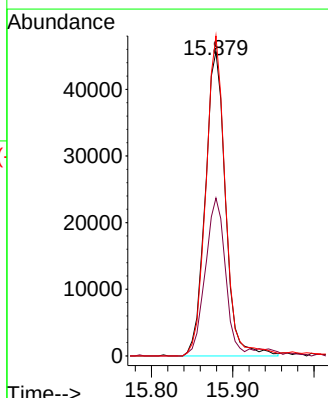
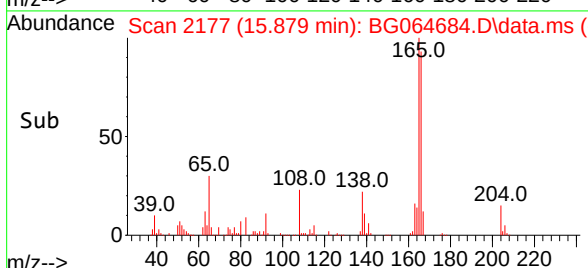
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

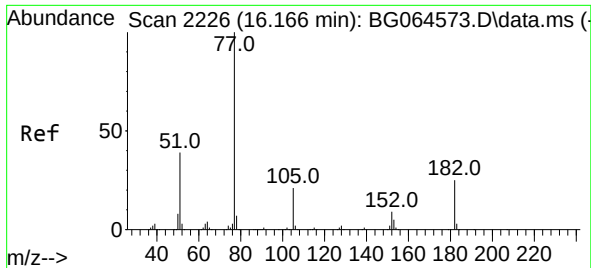


#62
4-Nitroaniline
Concen: 55.219 ng
RT: 15.879 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46



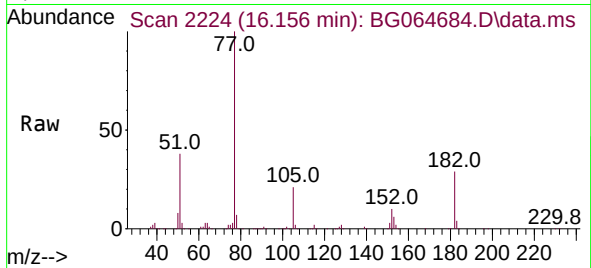
Tgt Ion:138 Resp: 78871
Ion Ratio Lower Upper
138 100
92 51.9 36.1 76.1
108 105.2 75.6 115.6





#63
Azobenzene
Concen: 49.553 ng
RT: 16.156 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

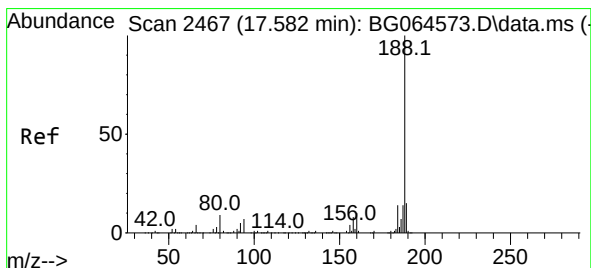
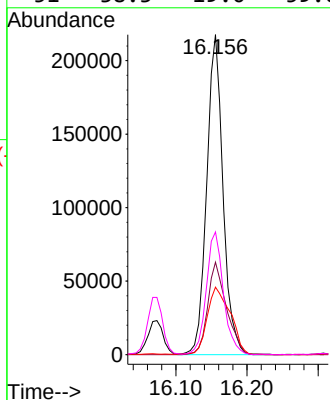
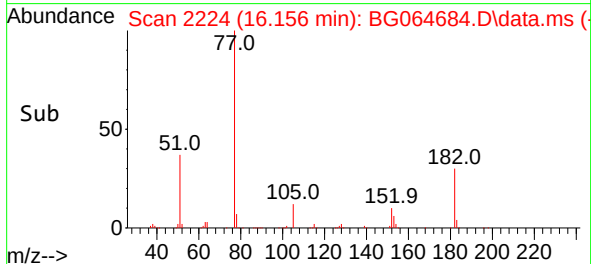
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion: 77 Resp: 346815
Ion Ratio Lower Upper
77 100
182 28.9 4.9 44.9
105 21.1 1.3 41.3
51 38.3 19.0 59.0

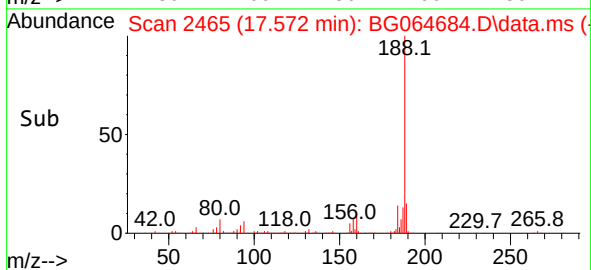
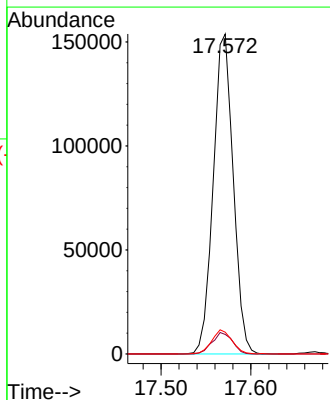
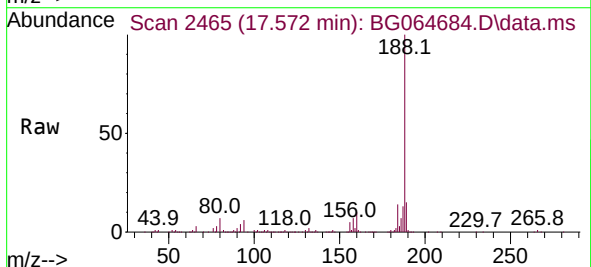
Manual Integrations
APPROVED

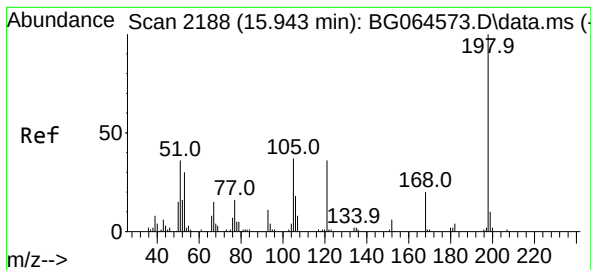
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.572 min Scan# 2465
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

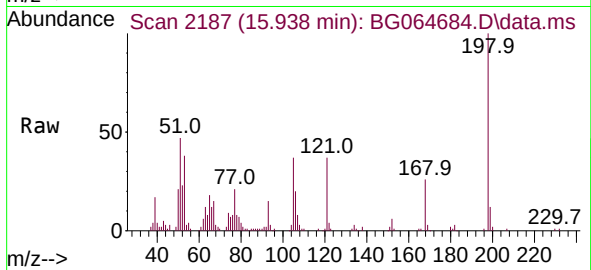
Tgt Ion:188 Resp: 238127
Ion Ratio Lower Upper
188 100
94 6.1 5.7 8.5
80 6.8 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 64.716 ng
RT: 15.938 min Scan# 2188
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

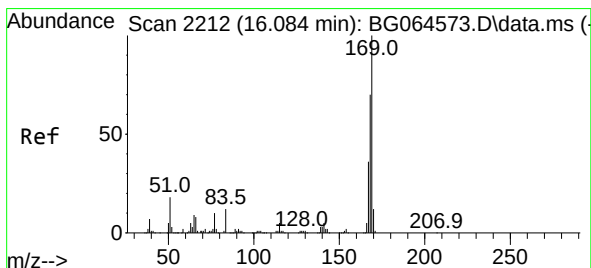
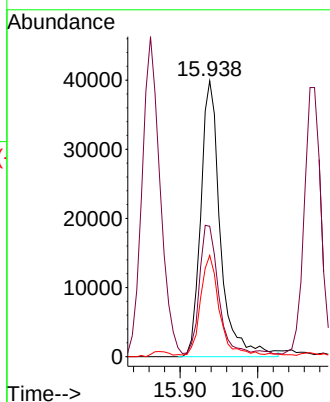
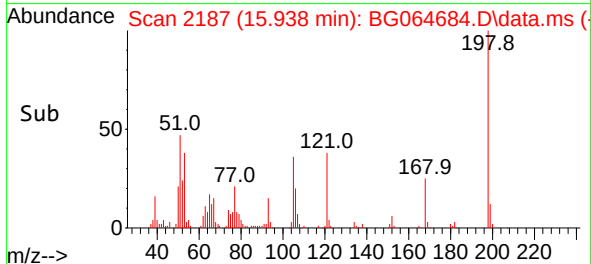
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:198 Resp: 70044
Ion Ratio Lower Upper
198 100
51 47.2 24.7 64.7
105 36.7 18.0 58.0

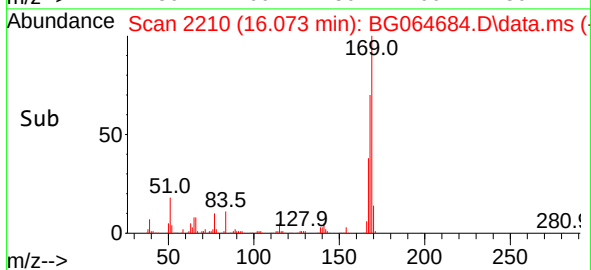
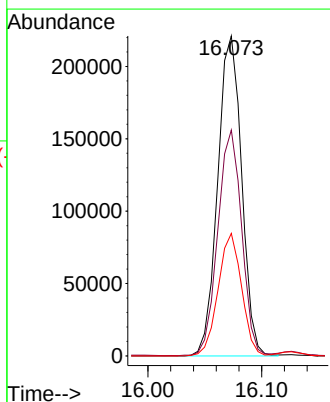
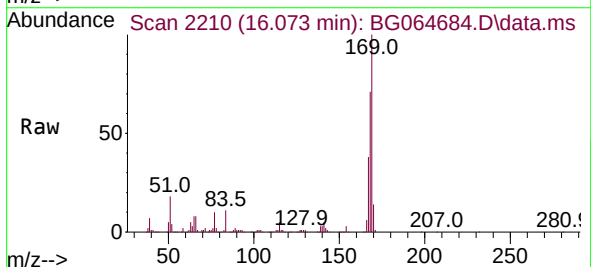
Manual Integrations
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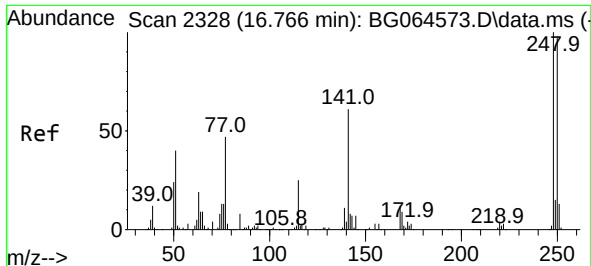
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#66
n-Nitrosodiphenylamine
Concen: 50.141 ng
RT: 16.073 min Scan# 2210
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

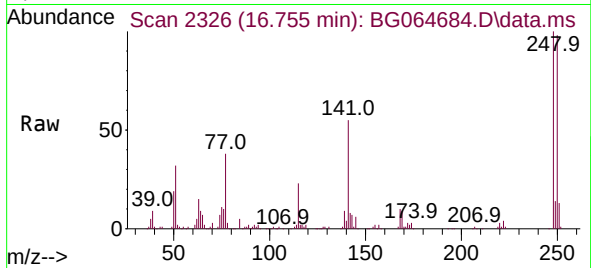
Tgt Ion:169 Resp: 322527
Ion Ratio Lower Upper
169 100
168 70.6 56.3 84.5
167 38.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 54.311 ng
RT: 16.755 min Scan# 2326
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

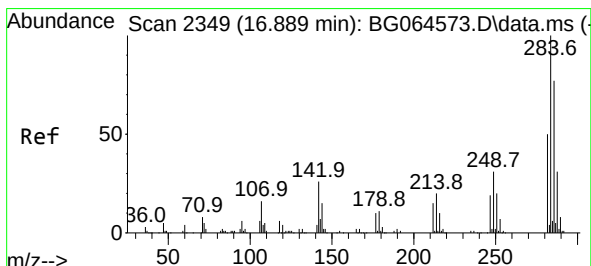
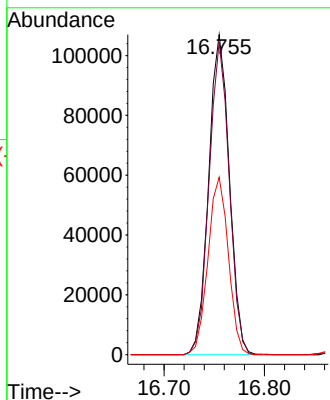
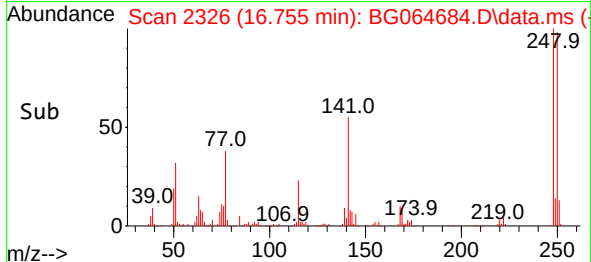
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:248 Resp: 153261
Ion Ratio Lower Upper
248 100
250 97.7 77.7 116.5
141 55.4 48.6 72.8

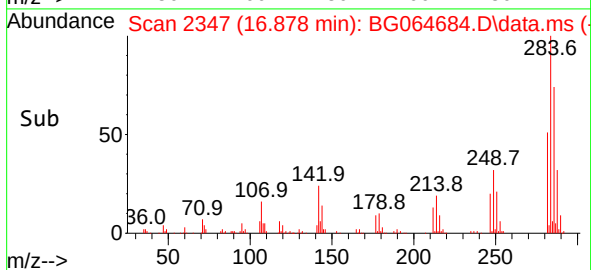
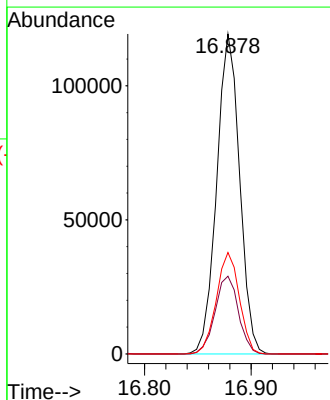
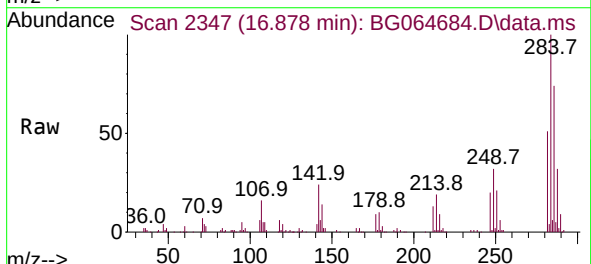
Manual Integrations
APPROVED

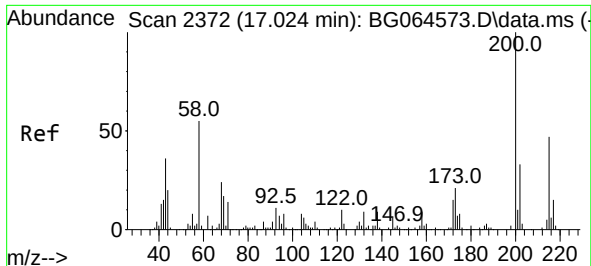
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#68
Hexachlorobenzene
Concen: 55.383 ng
RT: 16.878 min Scan# 2347
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

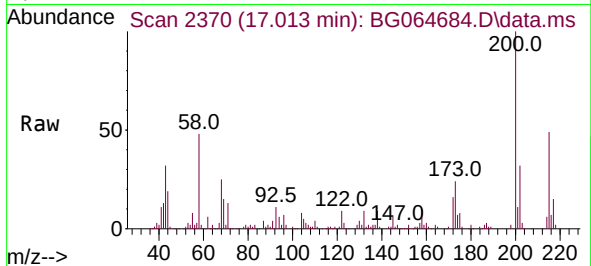
Tgt Ion:284 Resp: 178294
Ion Ratio Lower Upper
284 100
142 24.3 21.0 31.6
249 33.7 24.9 37.3





#69
 Atrazine
 Concen: 53.177 ng
 RT: 17.013 min Scan# 2372
 Delta R.T. -0.011 min
 Lab File: BG064684.D
 Acq: 3 Nov 2025 22:46

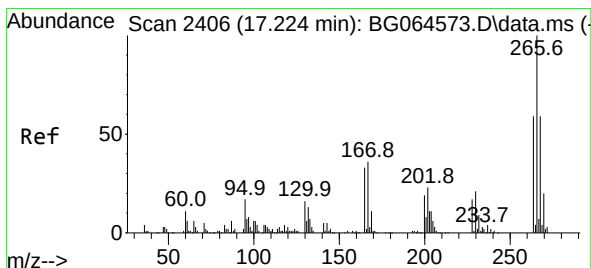
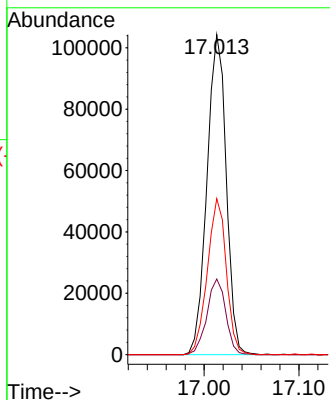
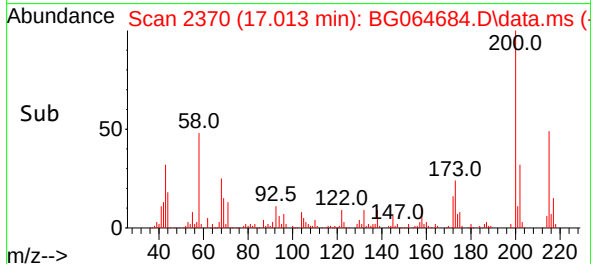
Instrument :
 BNA_G
 ClientSampleId :
 COMP-ROLLOFFMSD



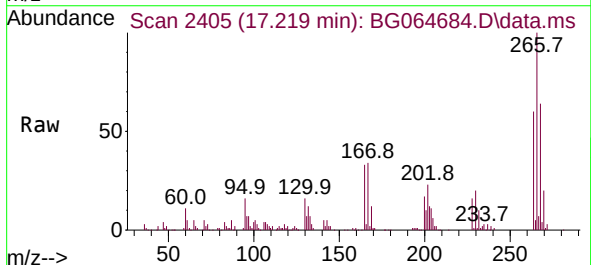
Tgt Ion:200 Resp: 147201
 Ion Ratio Lower Upper
 200 100
 173 23.6 0.9 40.9
 215 48.7 27.0 67.0

Manual Integrations
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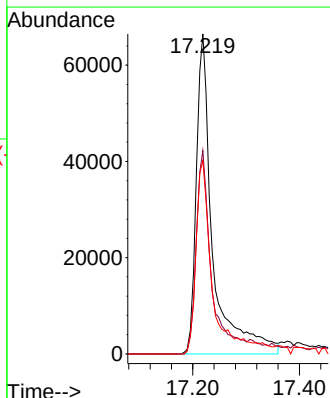
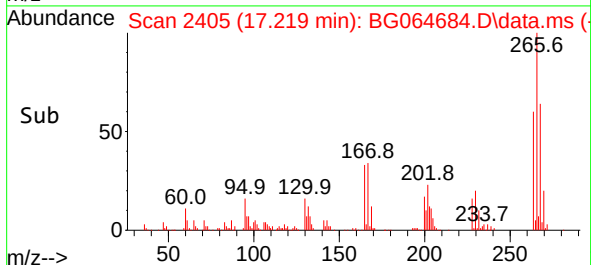
Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

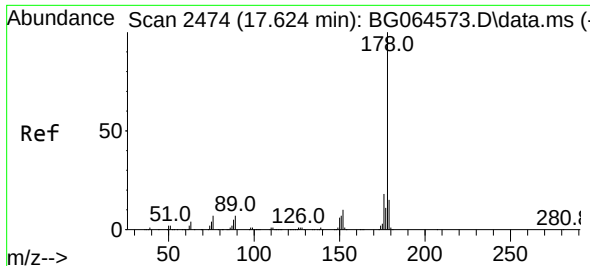


#70
 Pentachlorophenol
 Concen: 71.149 ng
 RT: 17.219 min Scan# 2405
 Delta R.T. -0.005 min
 Lab File: BG064684.D
 Acq: 3 Nov 2025 22:46



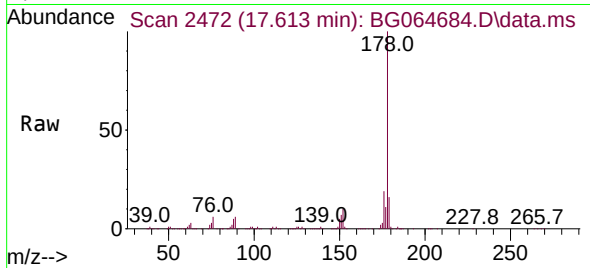
Tgt Ion:266 Resp: 142833
 Ion Ratio Lower Upper
 266 100
 268 67.4 50.3 75.5
 264 60.4 47.3 70.9





#71
Phenanthrene
Concen: 49.144 ng
RT: 17.613 min Scan# 2474
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

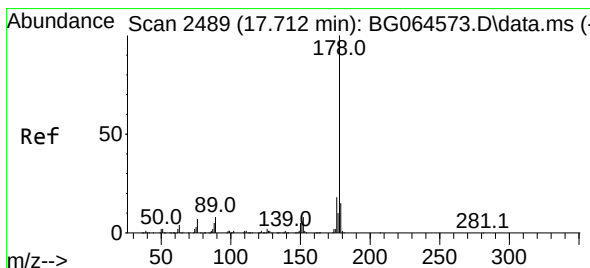
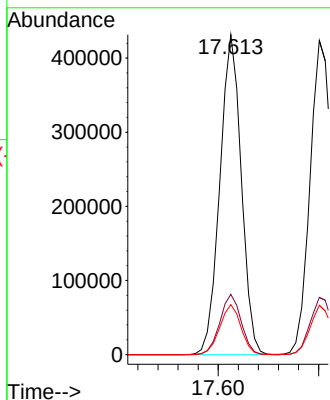
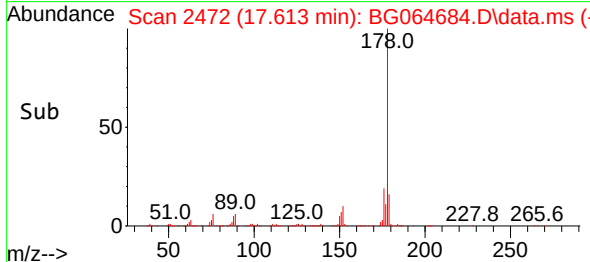
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:178 Resp: 639960
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.6 12.2 18.4

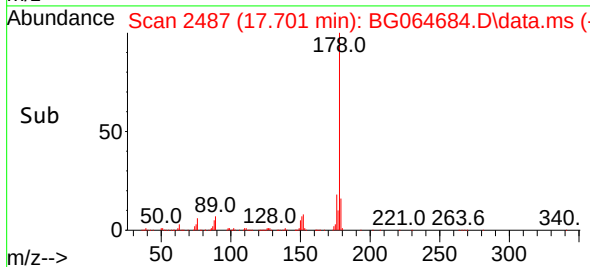
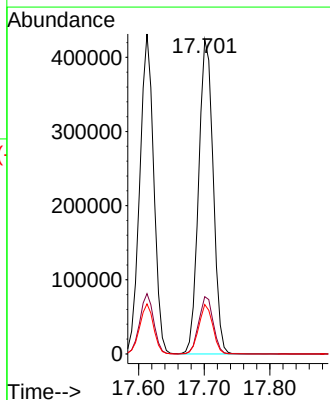
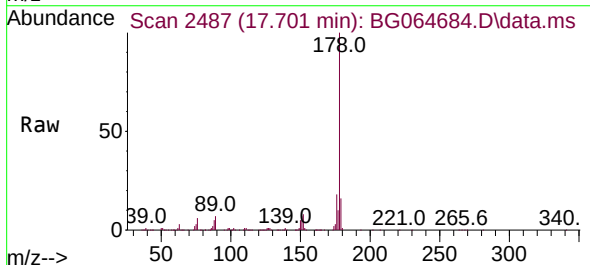
Manual Integrations
APPROVED

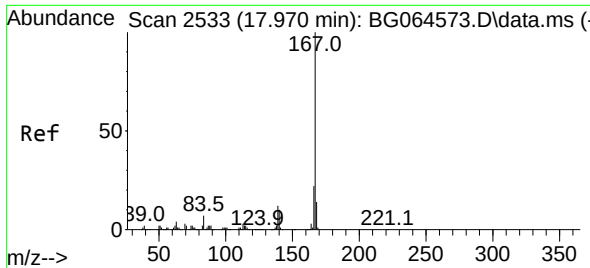
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#72
Anthracene
Concen: 49.016 ng
RT: 17.701 min Scan# 2487
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

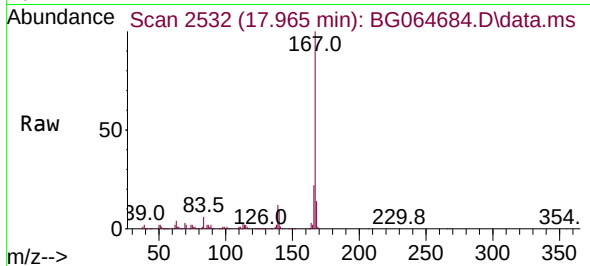
Tgt Ion:178 Resp: 649301
Ion Ratio Lower Upper
178 100
176 18.2 14.4 21.6
179 15.7 12.4 18.6





#73
Carbazole
Concen: 49.201 ng
RT: 17.965 min Scan# 2533
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

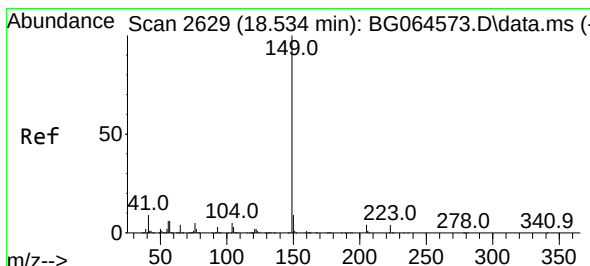
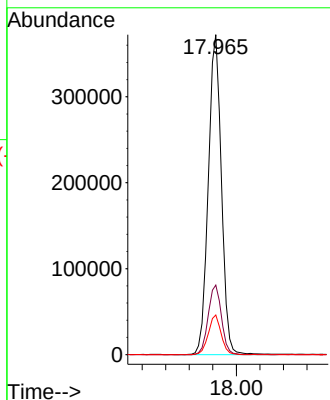
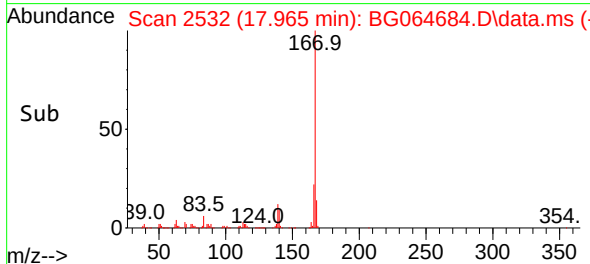
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:167 Resp: 574716
Ion Ratio Lower Upper
167 100
166 21.7 17.9 26.9
139 12.4 9.7 14.5

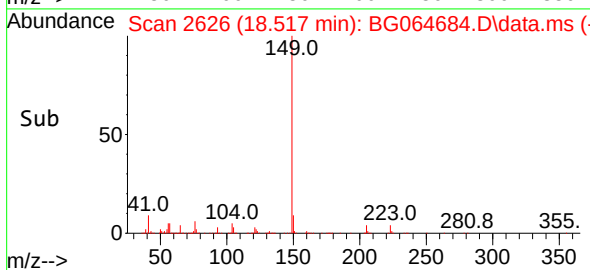
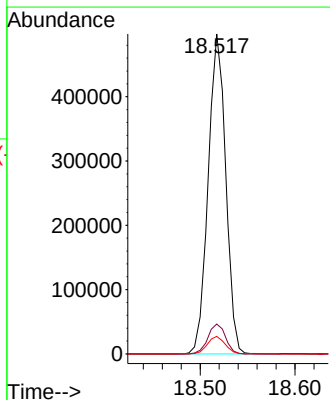
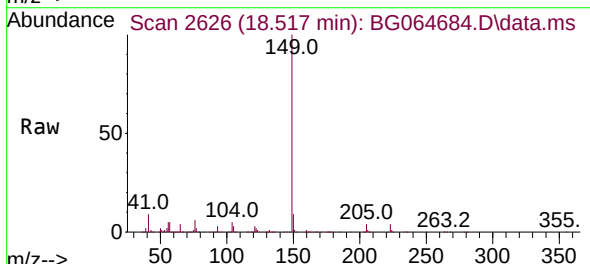
Manual Integrations
APPROVED

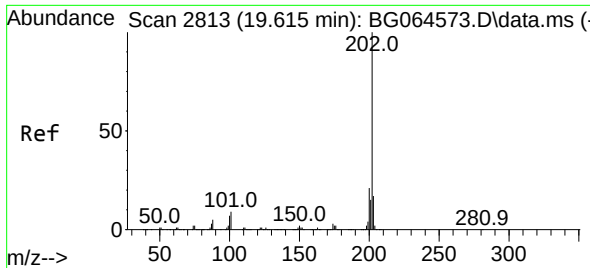
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#74
Di-n-butylphthalate
Concen: 47.485 ng
RT: 18.517 min Scan# 2626
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

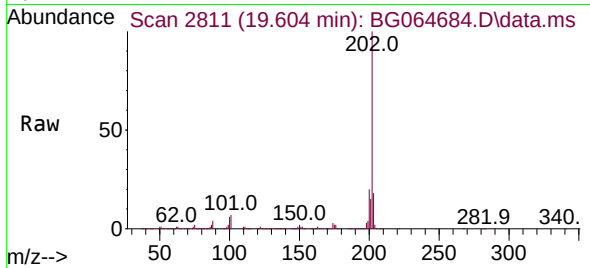
Tgt Ion:149 Resp: 641418
Ion Ratio Lower Upper
149 100
150 9.3 7.0 10.6
104 5.5 4.1 6.1





#75
Fluoranthene
Concen: 49.267 ng
RT: 19.604 min Scan# 2811
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

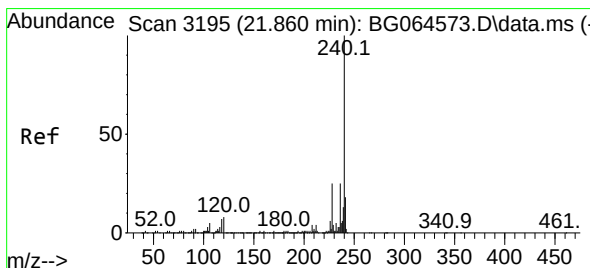
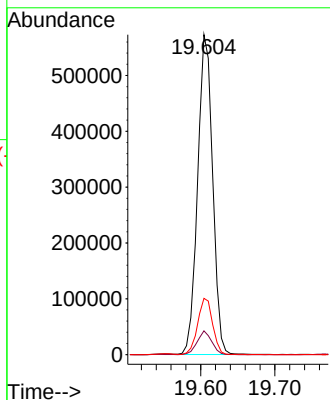
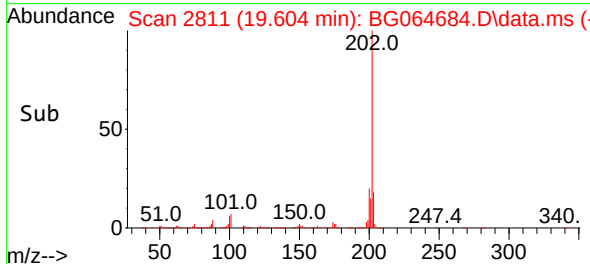
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:202 Resp: 803723
Ion Ratio Lower Upper
202 100
101 7.4 0.0 28.7
203 17.6 0.0 37.0

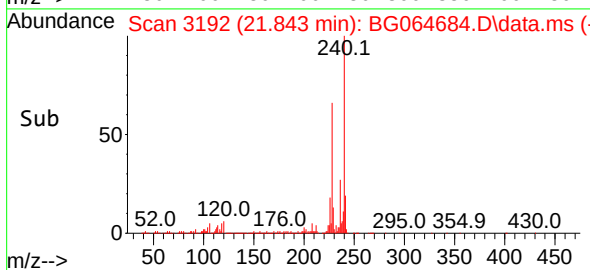
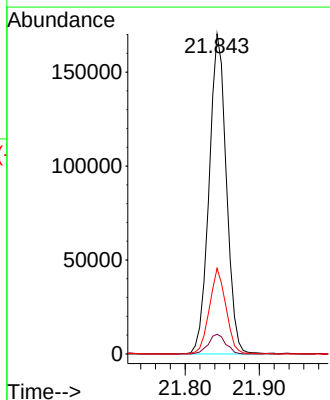
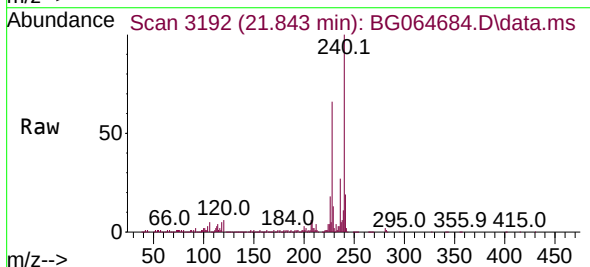
Manual Integrations
APPROVED

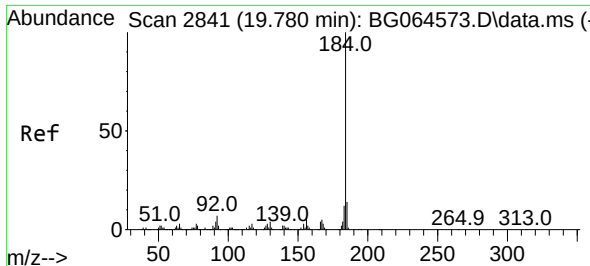
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.843 min Scan# 3192
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

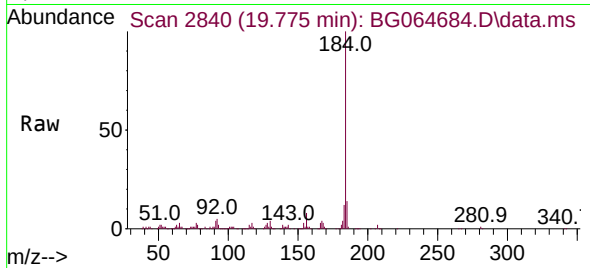
Tgt Ion:240 Resp: 275359
Ion Ratio Lower Upper
240 100
120 6.1 6.5 9.7#
236 26.7 20.2 30.2





#77
Benzidine
Concen: 39.558 ng
RT: 19.775 min Scan# 2841
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

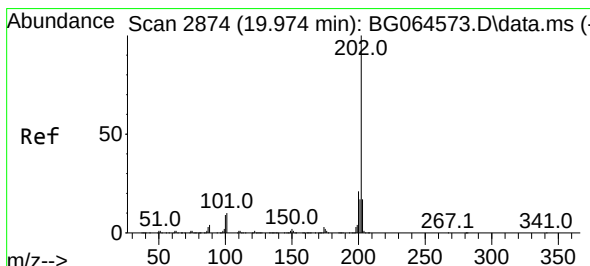
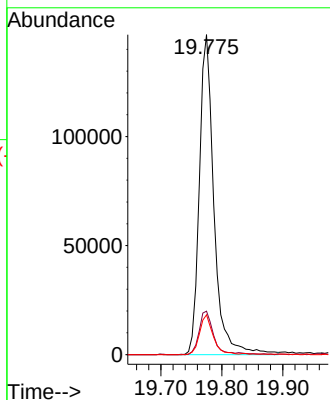
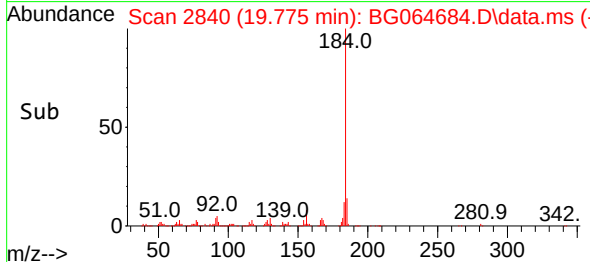
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:184 Resp: 244042
Ion Ratio Lower Upper
184 100
185 13.6 11.4 17.2
183 12.4 9.4 14.2

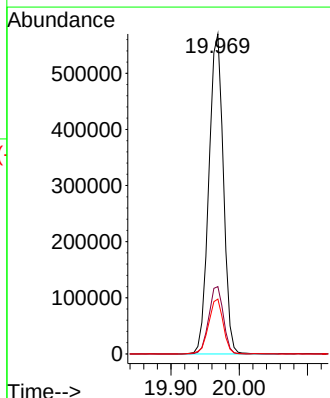
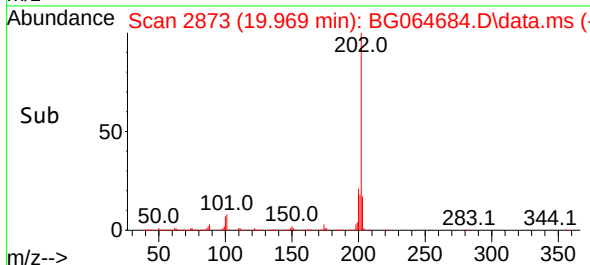
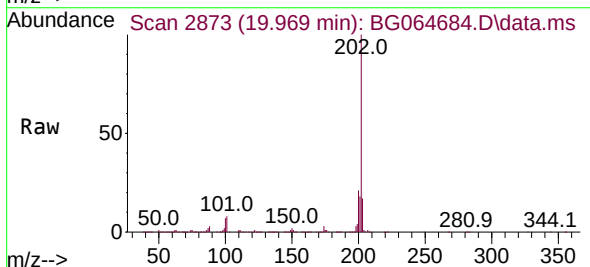
Manual Integrations
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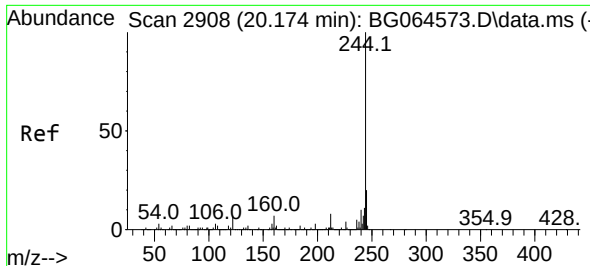
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#78
Pyrene
Concen: 46.674 ng
RT: 19.969 min Scan# 2873
Delta R.T. -0.005 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

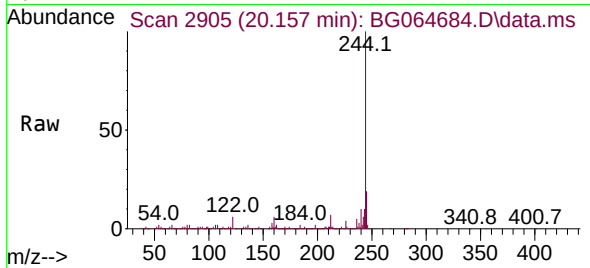
Tgt Ion:202 Resp: 839699
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.1 13.8 20.6





#79
 Terphenyl-d14
 Concen: 60.618 ng
 RT: 20.157 min Scan# 2905
 Delta R.T. -0.017 min
 Lab File: BG064684.D
 Acq: 3 Nov 2025 22:46

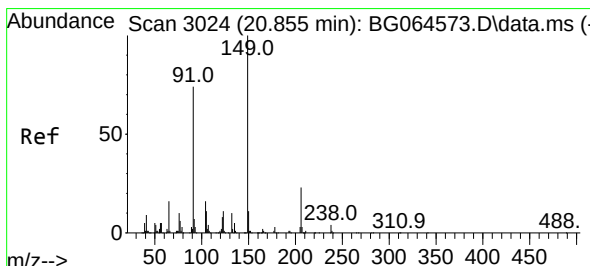
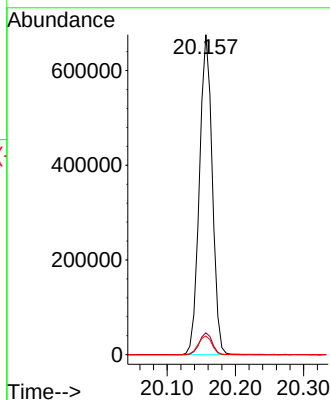
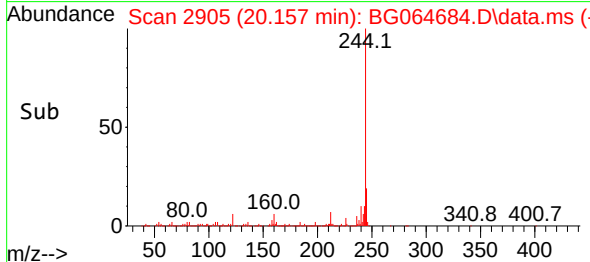
Instrument :
 BNA_G
 ClientSampleId :
 COMP-ROLLOFFMSD



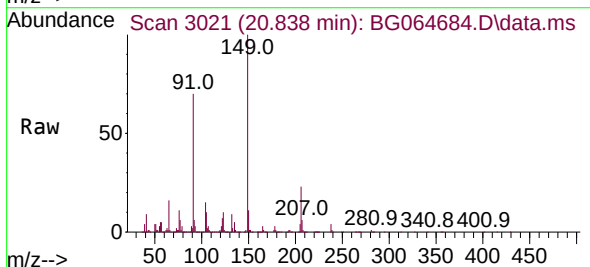
Tgt Ion:244 Resp: 884487
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 5.8 5.6 8.4

Manual Integrations
 APPROVED

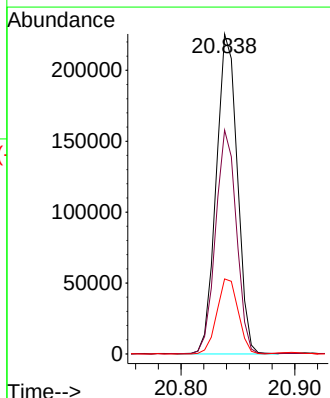
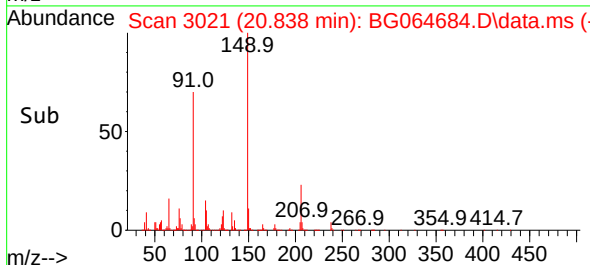
Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

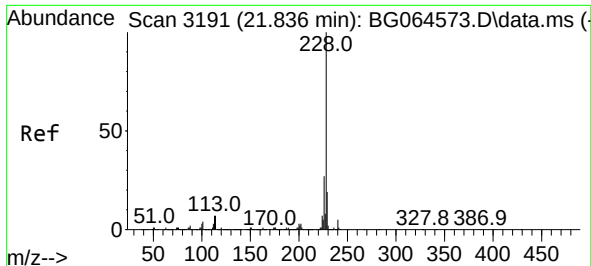


#80
 Butylbenzylphthalate
 Concen: 53.468 ng
 RT: 20.838 min Scan# 3021
 Delta R.T. -0.017 min
 Lab File: BG064684.D
 Acq: 3 Nov 2025 22:46



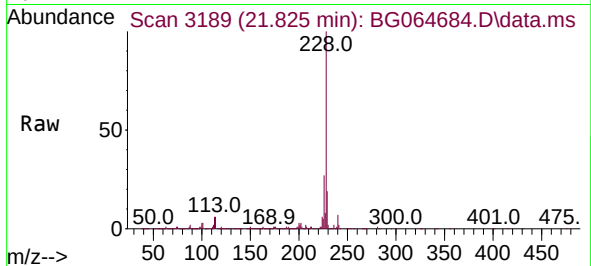
Tgt Ion:149 Resp: 290726
 Ion Ratio Lower Upper
 149 100
 91 69.9 59.2 88.8
 206 23.5 18.1 27.1





#81
Benzo(a)anthracene
Concen: 49.492 ng
RT: 21.825 min Scan# 3191
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

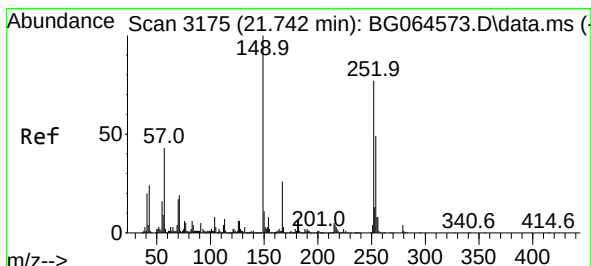
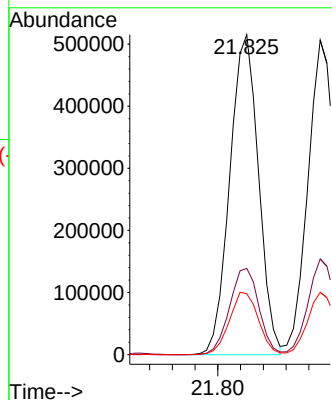
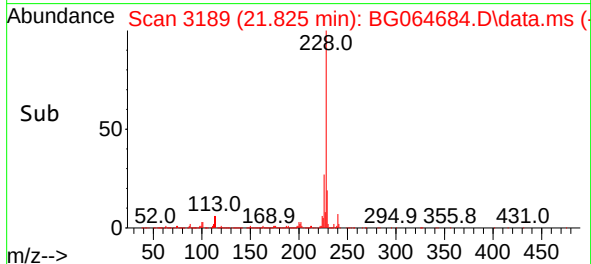
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:228 Resp: 903611
Ion Ratio Lower Upper
228 100
226 26.9 21.9 32.9
229 19.0 15.6 23.4

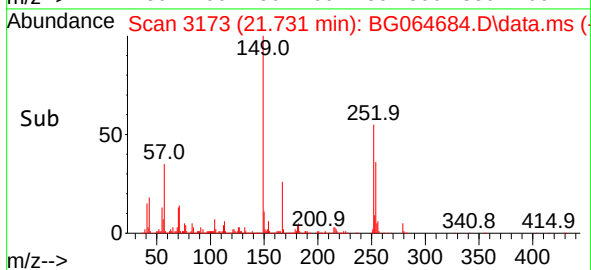
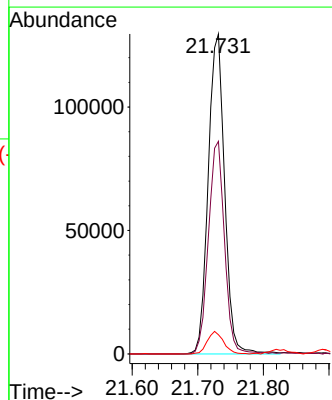
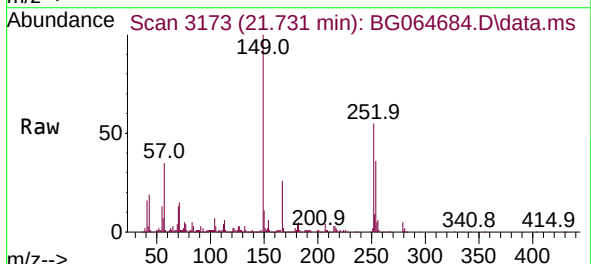
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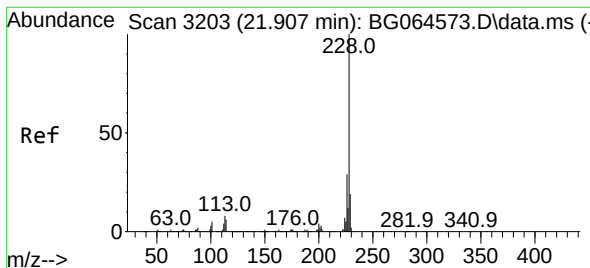
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 36.833 ng
RT: 21.731 min Scan# 3173
Delta R.T. -0.011 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:252 Resp: 224568
Ion Ratio Lower Upper
252 100
254 66.4 50.8 76.2
126 6.0 5.8 8.6





#83

Chrysene

Concen: 49.192 ng

RT: 21.890 min Scan# 31

Delta R.T. -0.017 min

Lab File: BG064684.D

Acq: 3 Nov 2025 22:46

Instrument :

BNA_G

ClientSampleId :

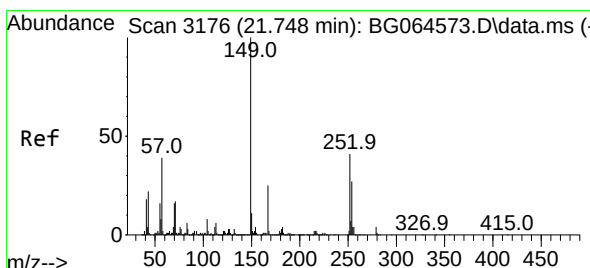
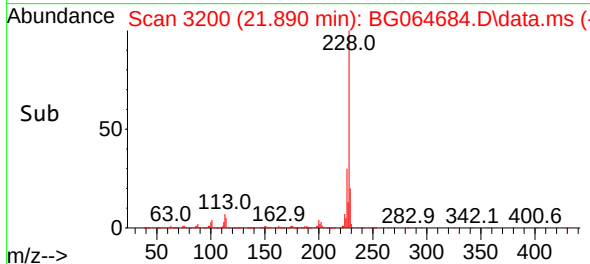
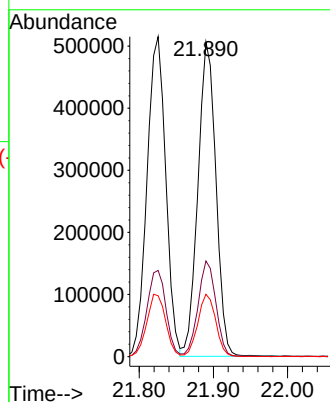
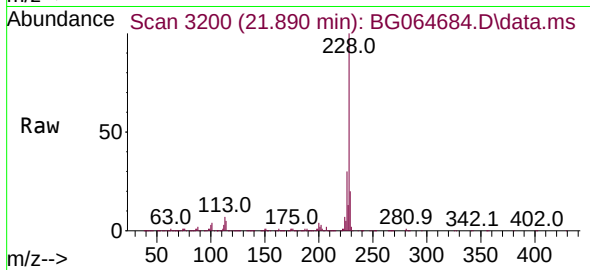
COMP-ROLLOFFMSD

Tgt Ion:228 Resp: 854597
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.3 34.9
 229 19.8 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.742 ng

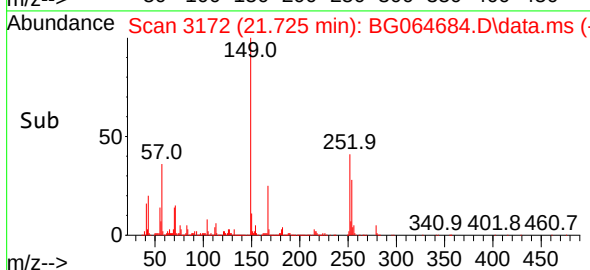
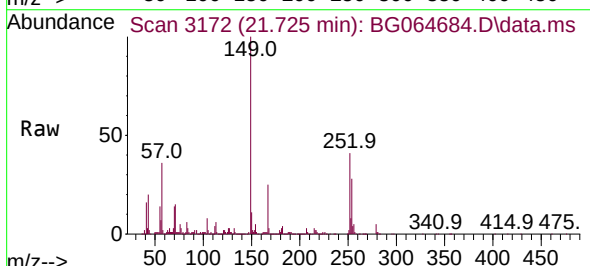
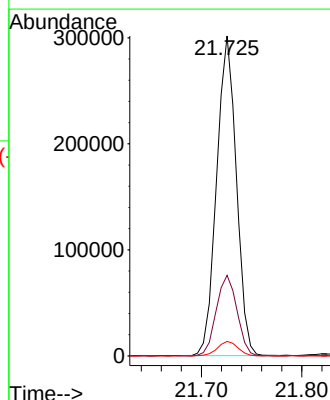
RT: 21.725 min Scan# 3172

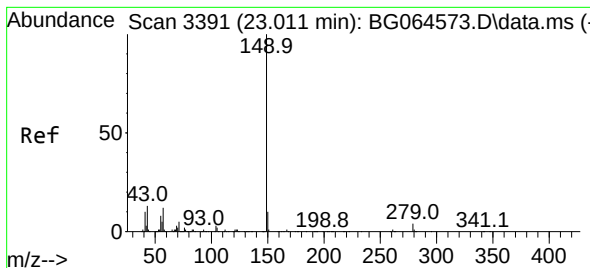
Delta R.T. -0.023 min

Lab File: BG064684.D

Acq: 3 Nov 2025 22:46

Tgt Ion:149 Resp: 412267
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.0 30.0
 279 4.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 51.563 ng

RT: 22.983 min Scan# 3391

Delta R.T. -0.029 min

Lab File: BG064684.D

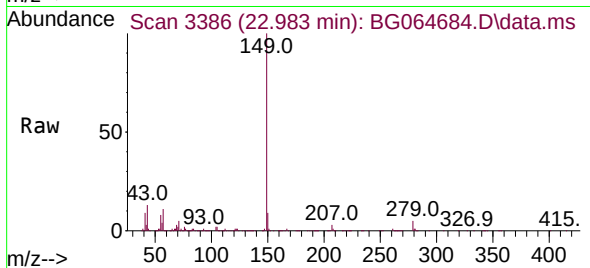
Acq: 3 Nov 2025 22:46

Instrument :

BNA_G

ClientSampleId :

COMP-ROLLOFFMSD



Tgt Ion:149 Resp: 706328

Ion Ratio Lower Upper

149 100

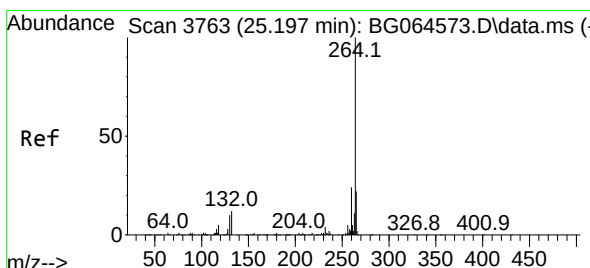
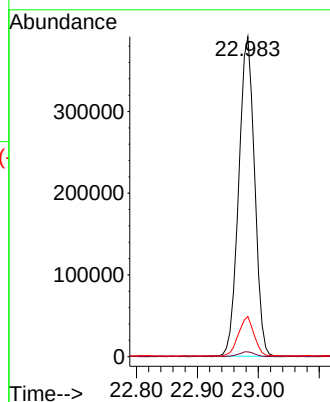
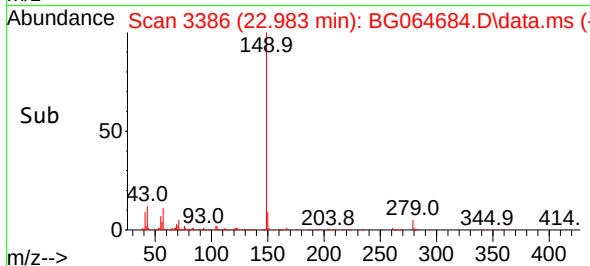
167 1.6 1.3 1.9

43 12.1 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.180 min Scan# 3760

Delta R.T. -0.017 min

Lab File: BG064684.D

Acq: 3 Nov 2025 22:46

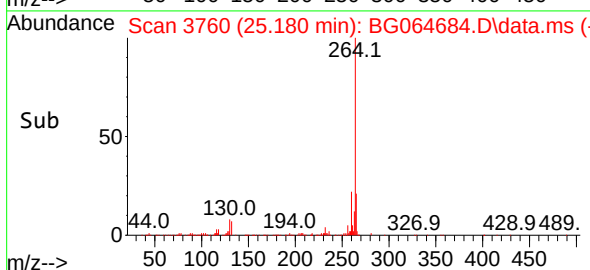
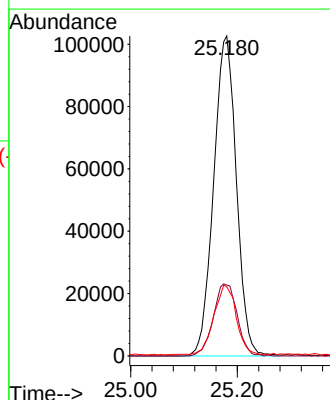
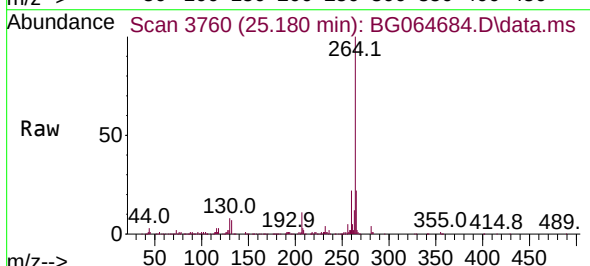
Tgt Ion:264 Resp: 303393

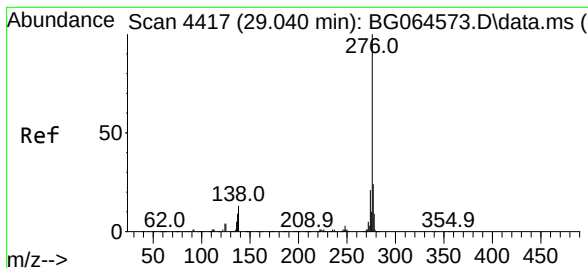
Ion Ratio Lower Upper

264 100

260 22.1 19.0 28.4

265 21.6 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.272 ng

RT: 29.011 min Scan# 4417

Delta R.T. -0.029 min

Lab File: BG064684.D

Acq: 3 Nov 2025 22:46

Instrument :

BNA_G

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion:276 Resp: 1121993

Ion Ratio Lower Upper

276 100

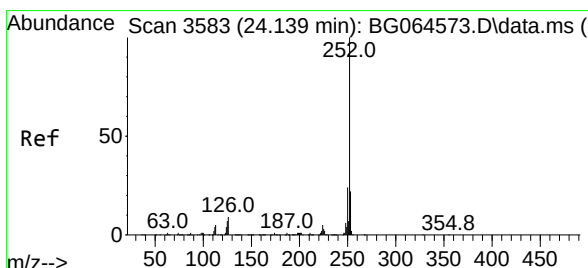
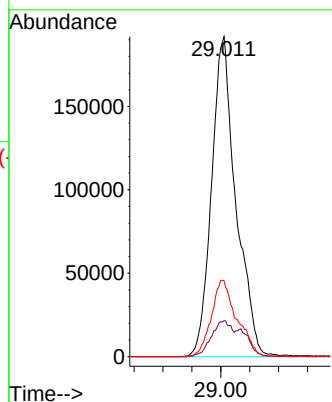
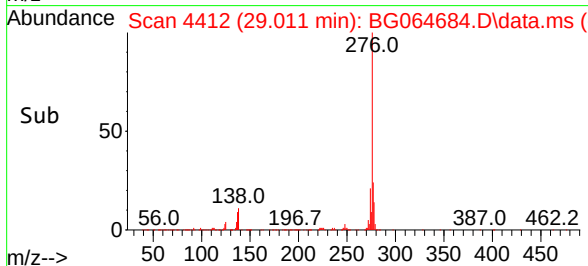
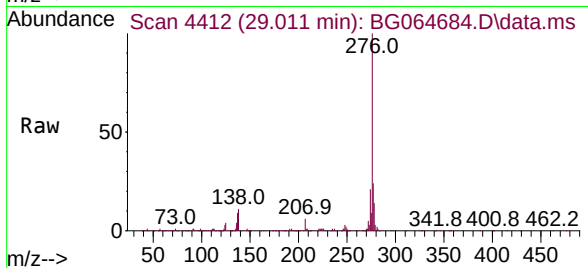
138 9.5 10.8 16.2

277 25.0 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#88

Benzo(b)fluoranthene

Concen: 50.330 ng

RT: 24.117 min Scan# 3579

Delta R.T. -0.023 min

Lab File: BG064684.D

Acq: 3 Nov 2025 22:46

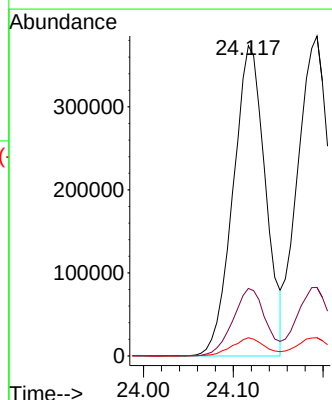
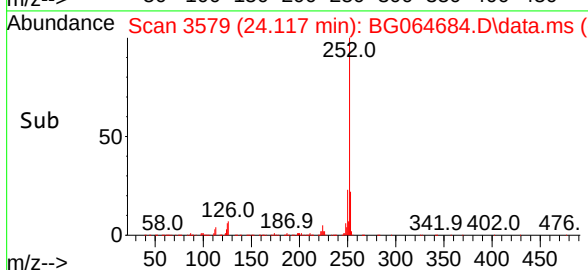
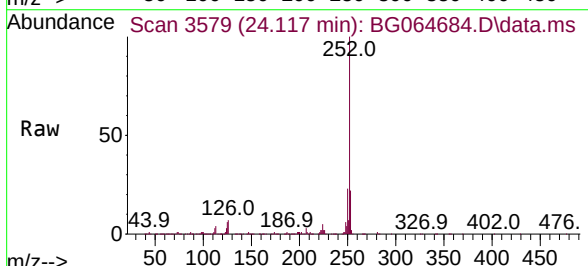
Tgt Ion:252 Resp: 936337

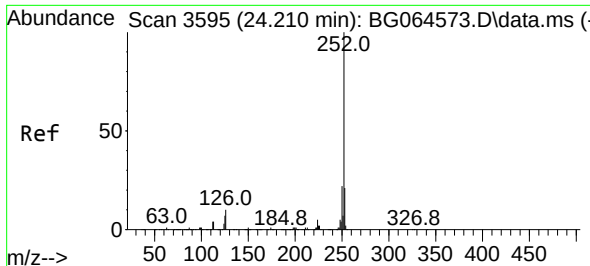
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

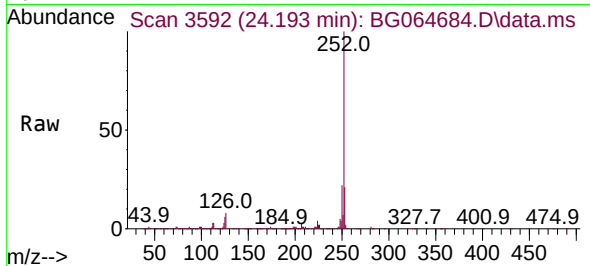
125 5.8 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 50.755 ng
RT: 24.193 min Scan# 3595
Delta R.T. -0.017 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

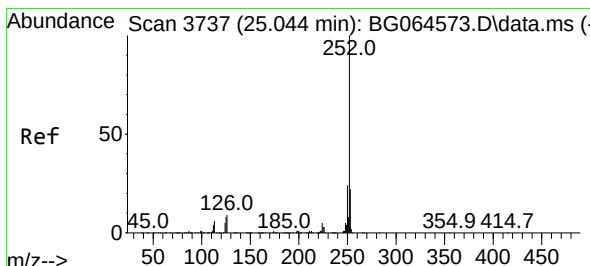
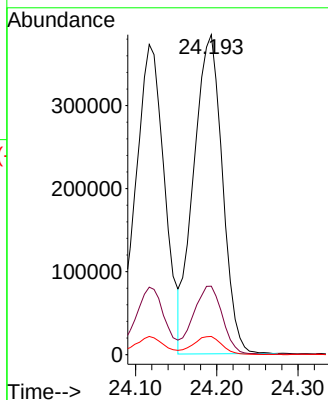
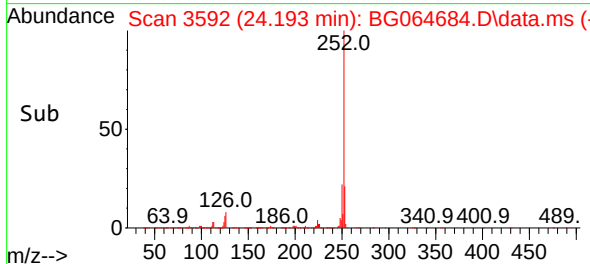
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:252 Resp: 944895
Ion Ratio Lower Upper
252 100
253 21.4 16.8 25.2
125 5.7 5.4 8.0

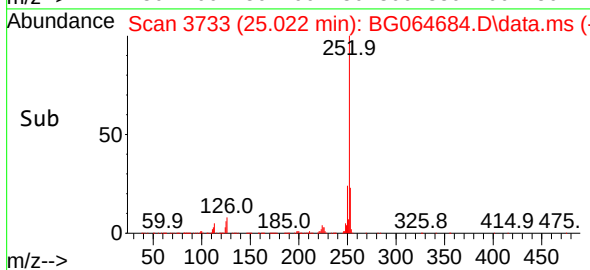
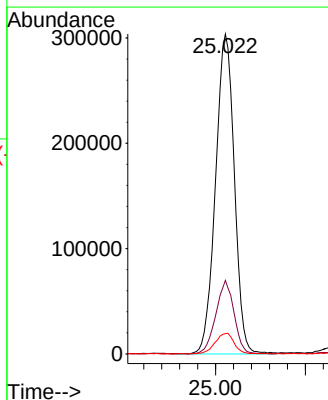
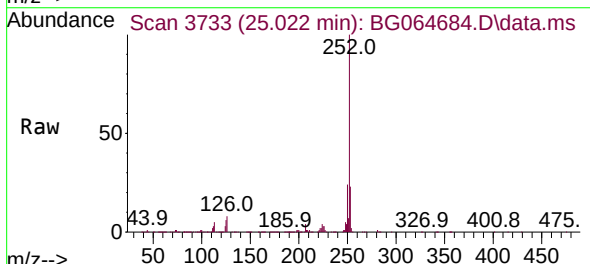
Manual Integrations
APPROVED

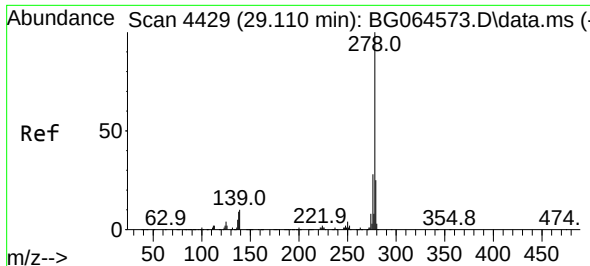
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#90
Benzo(a)pyrene
Concen: 51.686 ng
RT: 25.022 min Scan# 3733
Delta R.T. -0.023 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

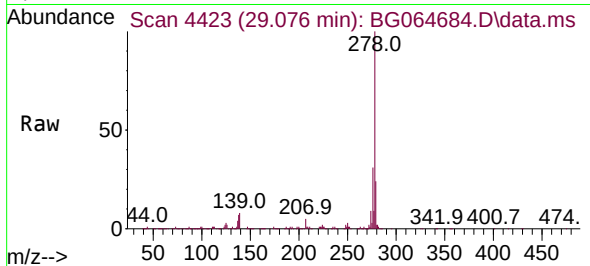
Tgt Ion:252 Resp: 883881
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 6.3 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 50.900 ng
RT: 29.076 min Scan# 4429
Delta R.T. -0.034 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

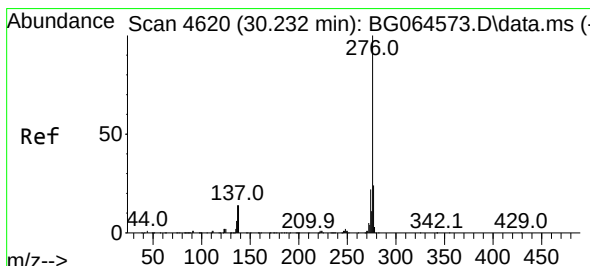
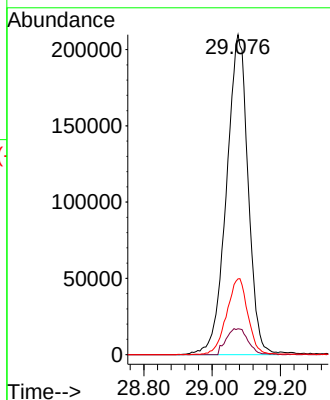
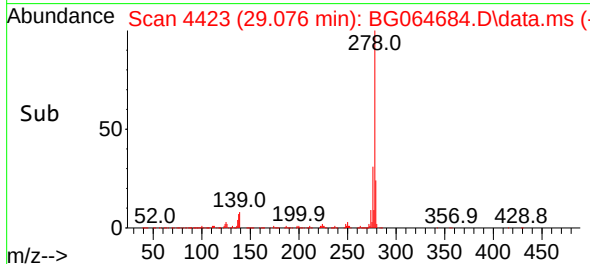
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFFMSD



Tgt Ion:278 Resp: 922930
Ion Ratio Lower Upper
278 100
139 8.1 8.0 12.0
279 23.7 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 51.705 ng
RT: 30.198 min Scan# 4614
Delta R.T. -0.034 min
Lab File: BG064684.D
Acq: 3 Nov 2025 22:46

Tgt Ion:276 Resp: 895587
Ion Ratio Lower Upper
276 100
277 23.5 19.1 28.7
138 12.0 11.3 16.9

