

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
 Data File : BG064827.D
 Acq On : 20 Nov 2025 10:00
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

Quant Time: Nov 20 10:36:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	51912	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	202532	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	163596	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	405608	20.000	ng	0.00
76) Chrysene-d12	21.754	240	486096	20.000	ng	0.00
86) Perylene-d12	25.009	264	485261	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	238464	80.215	ng	0.00
7) Phenol-d6	7.306	99	322730	81.621	ng	0.00
23) Nitrobenzene-d5	9.327	82	334291	81.608	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	253114	79.330	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	917631	78.267	ng	0.00
79) Terphenyl-d14	20.085	244	2051098	83.002	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.528	88	44479	38.648	ng	99
3) Pyridine	3.939	79	138729	40.456	ng	97
4) n-Nitrosodimethylamine	3.851	42	61391	35.175	ng	# 84
6) Aniline	7.476	93	216465	41.072	ng	99
8) 2-Chlorophenol	7.723	128	134715	41.270	ng	99
9) Benzaldehyde	7.282	77	98362	38.003	ng	92
10) Phenol	7.335	94	176539	41.036	ng	94
11) bis(2-Chloroethyl)ether	7.564	93	129610	42.338	ng	98
12) 1,3-Dichlorobenzene	8.052	146	151347	40.293	ng	98
13) 1,4-Dichlorobenzene	8.199	146	152212	39.797	ng	95
14) 1,2-Dichlorobenzene	8.516	146	144883	39.068	ng	99
15) Benzyl Alcohol	8.393	79	130078	40.079	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.687	45	263943	36.426	ng	96
17) 2-Methylphenol	8.599	107	121326	39.857	ng	95
18) Hexachloroethane	9.257	117	57000	39.348	ng	94
19) n-Nitroso-di-n-propyla...	8.969	70	111483	41.700	ng	87
20) 3+4-Methylphenols	8.928	107	167453	40.155	ng	95
22) Acetophenone	8.980	105	224762	40.734	ng	# 97
24) Nitrobenzene	9.368	77	170837	41.275	ng	95
25) Isophorone	9.891	82	314689	40.342	ng	97
26) 2-Nitrophenol	10.079	139	81248	43.642	ng	96
27) 2,4-Dimethylphenol	10.132	122	135971	41.111	ng	97
28) bis(2-Chloroethoxy)met...	10.367	93	182169	42.538	ng	98
29) 2,4-Dichlorophenol	10.620	162	149664	42.149	ng	98
30) 1,2,4-Trichlorobenzene	10.837	180	171677	40.039	ng	98
31) Naphthalene	11.031	128	456427	39.755	ng	99
32) Benzoic acid	10.261	122	90891m	40.048	ng	
33) 4-Chloroaniline	11.125	127	189814	41.329	ng	96
34) Hexachlorobutadiene	11.319	225	142844	38.828	ng	97
35) Caprolactam	11.895	113	44588	41.983	ng	# 85
36) 4-Chloro-3-methylphenol	12.235	107	161785	40.935	ng	97
37) 2-Methylnaphthalene	12.617	142	342245	39.835	ng	98
38) 1-Methylnaphthalene	12.835	142	337142	39.503	ng	99
40) 1,2,4,5-Tetrachloroben...	12.982	216	244493	38.402	ng	98
41) Hexachlorocyclopentadiene	12.970	237	167978	36.809	ng	97
43) 2,4,6-Trichlorophenol	13.217	196	153300	41.026	ng	99

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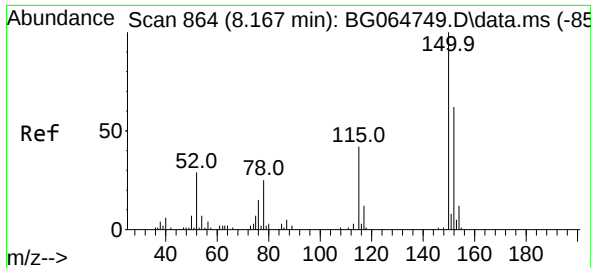
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	173482	41.394	ng	97
46) 1,1'-Biphenyl	13.616	154	463489	39.446	ng	99
47) 2-Chloronaphthalene	13.657	162	366575	39.600	ng	99
48) 2-Nitroaniline	13.845	65	123102	41.345	ng	100
49) Acenaphthylene	14.497	152	636188	40.228	ng	97
50) Dimethylphthalate	14.215	163	520991	40.315	ng	99
51) 2,6-Dinitrotoluene	14.333	165	104443	42.001	ng	96
52) Acenaphthene	14.838	154	392132	41.354	ng	99
53) 3-Nitroaniline	14.662	138	105237	42.878	ng	94
54) 2,4-Dinitrophenol	14.868	184	62904	41.550	ng	97
55) Dibenzofuran	15.167	168	624451	39.834	ng	98
56) 4-Nitrophenol	14.962	139	82757	42.499	ng	90
57) 2,4-Dinitrotoluene	15.114	165	161741	43.385	ng	# 97
58) Fluorene	15.814	166	485494	39.487	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.385	232	172971	41.831	ng	# 98
60) Diethylphthalate	15.573	149	505831	40.860	ng	99
61) 4-Chlorophenyl-phenyle...	15.796	204	289307	39.208	ng	99
62) 4-Nitroaniline	15.819	138	109704	43.146	ng	90
63) Azobenzene	16.090	77	415165	40.319	ng	97
65) 4,6-Dinitro-2-methylph...	15.878	198	103255	45.850	ng	94
66) n-Nitrosodiphenylamine	16.007	169	440908	41.500	ng	98
67) 4-Bromophenyl-phenylether	16.689	248	217191	40.775	ng	97
68) Hexachlorobenzene	16.812	284	257879	39.960	ng	96
69) Atrazine	16.948	200	204034	39.833	ng	98
70) Pentachlorophenol	17.147	266	153612	43.278	ng	98
71) Phenanthrene	17.541	178	879641	39.637	ng	99
72) Anthracene	17.635	178	894765	39.541	ng	99
73) Carbazole	17.894	167	775772	39.879	ng	99
74) Di-n-butylphthalate	18.446	149	880800	40.584	ng	100
75) Fluoranthene	19.539	202	1149980	37.895	ng	99
77) Benzidine	19.703	184	514843	35.365	ng	99
78) Pyrene	19.897	202	1193891	43.823	ng	99
80) Butylbenzylphthalate	20.767	149	413649	43.167	ng	96
81) Benzo(a)anthracene	21.730	228	1295908	39.207	ng	99
82) 3,3'-Dichlorobenzidine	21.636	252	448537	36.869	ng	99
83) Chrysene	21.801	228	1238168	39.734	ng	99
84) Bis(2-ethylhexyl)phtha...	21.630	149	593585	42.391	ng	99
85) Di-n-octyl phthalate	22.852	149	989560	40.883	ng	98
87) Indeno(1,2,3-cd)pyrene	28.740	276	1326056	39.775	ng	# 98
88) Benzo(b)fluoranthene	23.975	252	1248969	40.444	ng	99
89) Benzo(k)fluoranthene	24.045	252	1211549	39.051	ng	98
90) Benzo(a)pyrene	24.856	252	1124298	39.247	ng	98
91) Dibenzo(a,h)anthracene	28.798	278	1103276	40.395	ng	# 96
92) Benzo(g,h,i)perylene	29.903	276	1054214	40.107	ng	96

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

Manual Integrations APPROVED

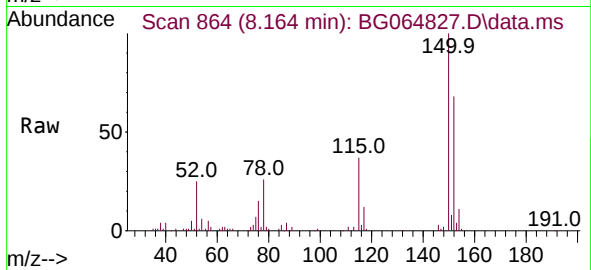
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.164 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: BG064827.D
 Acq: 20 Nov 2025 10:00

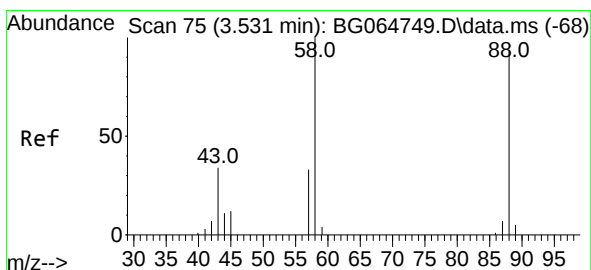
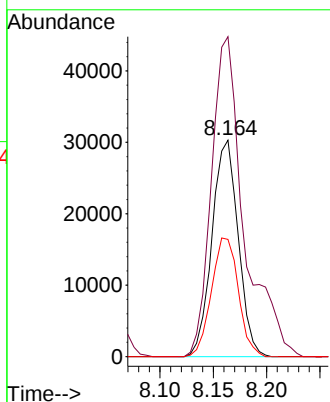
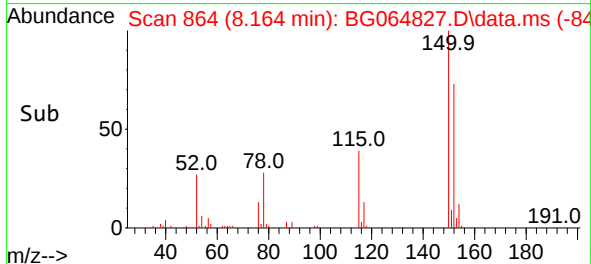
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



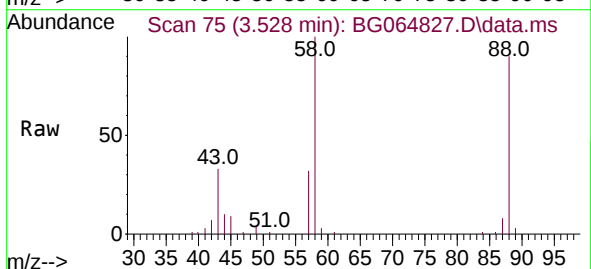
Tgt Ion:152 Resp: 51912
 Ion Ratio Lower Upper
 152 100
 150 147.9 129.2 193.8
 115 54.2 53.7 80.5

Manual Integrations
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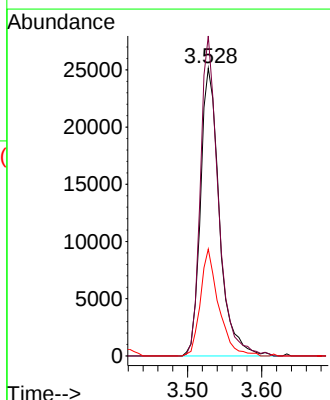
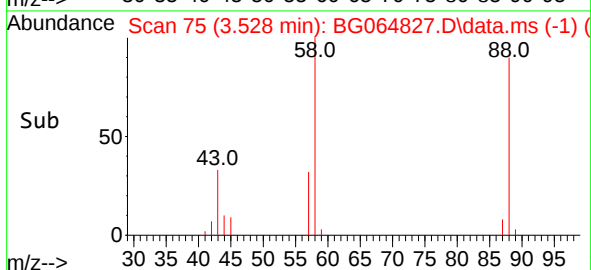
Reviewed By :Jagrut Upadhyay 11/21/2025
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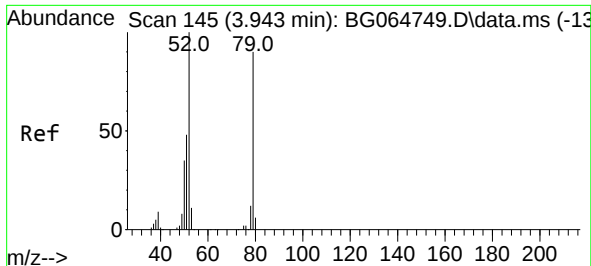


#2
 1,4-Dioxane
 Concen: 38.648 ng
 RT: 3.528 min Scan# 75
 Delta R.T. -0.004 min
 Lab File: BG064827.D
 Acq: 20 Nov 2025 10:00



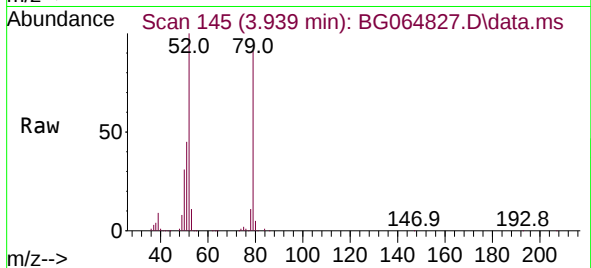
Tgt Ion: 88 Resp: 44479
 Ion Ratio Lower Upper
 88 100
 58 105.7 84.6 126.8
 43 35.8 30.0 45.0





#3
Pyridine
Concen: 40.456 ng
RT: 3.939 min Scan# 14
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

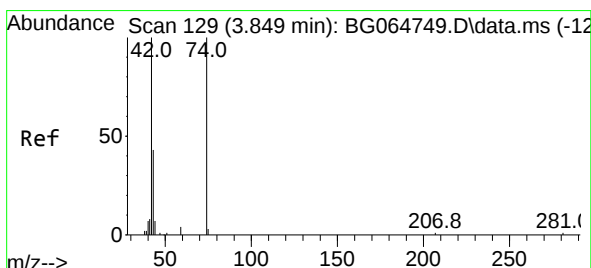
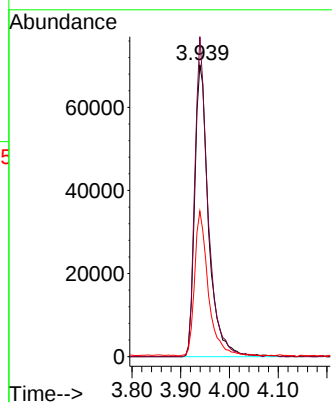
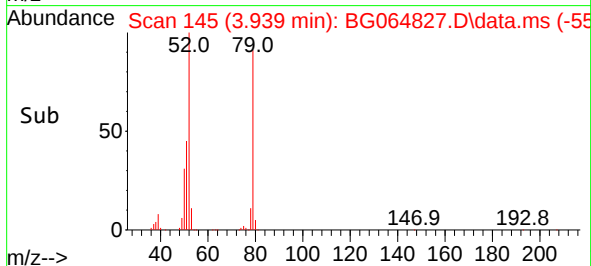
Instrument :
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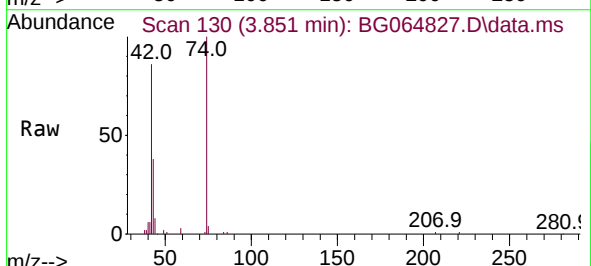
Tgt Ion: 79 Resp: 138729
Ion Ratio Lower Upper
79 100
52 109.7 89.0 133.4
51 49.9 43.4 65.0

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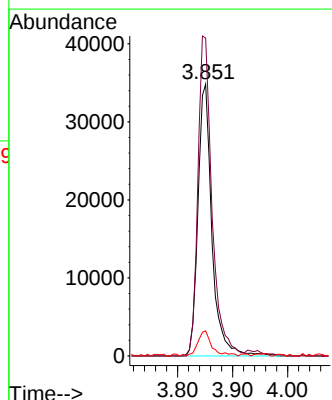
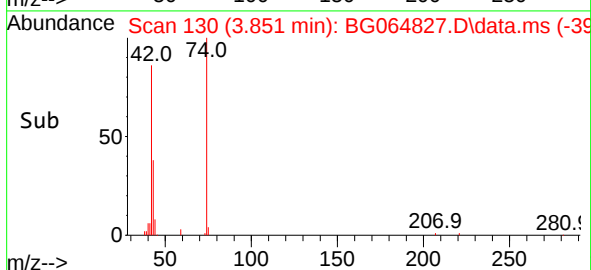
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Supervised By :mohammad ahmed 11/22/2025



#4
n-Nitrosodimethylamine
Concen: 35.175 ng
RT: 3.851 min Scan# 130
Delta R.T. 0.002 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



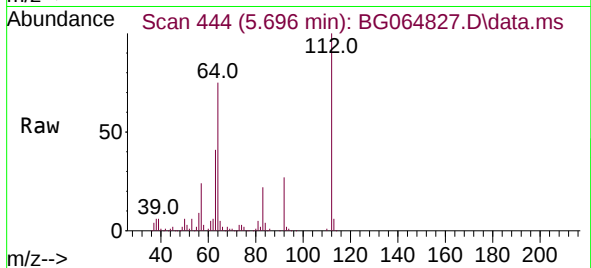
Tgt Ion: 42 Resp: 61391
Ion Ratio Lower Upper
42 100
74 116.9 79.8 119.6
44 9.2 5.9 8.9#





#5
2-Fluorophenol
Concen: 80.215 ng
RT: 5.696 min Scan# 444
Delta R.T. -0.003 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

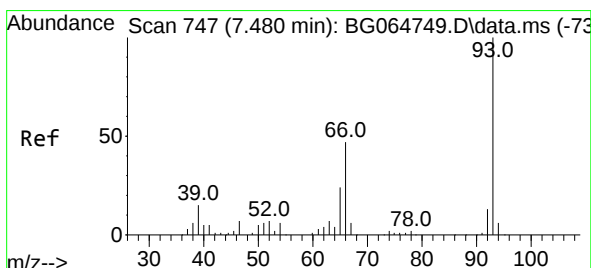
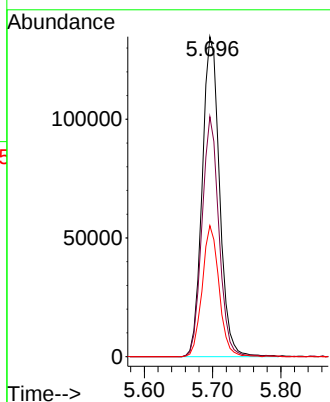
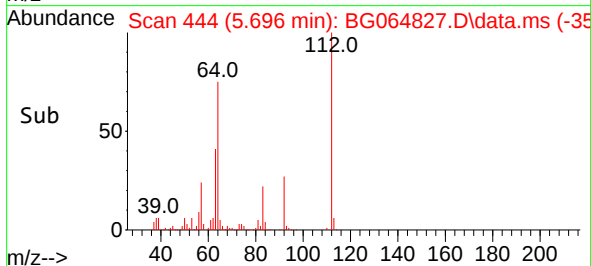
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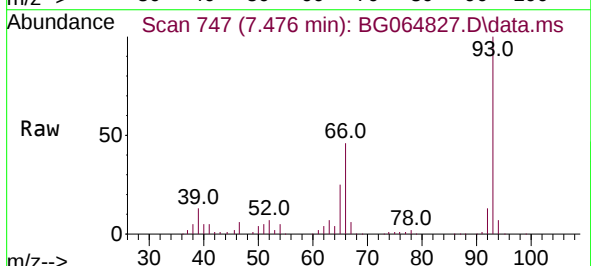
Tgt Ion:112 Resp: 238464
Ion Ratio Lower Upper
112 100
64 75.0 61.0 91.4
63 40.9 33.3 49.9

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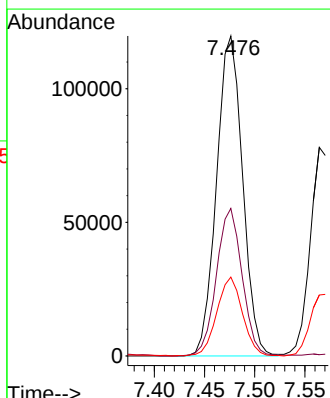
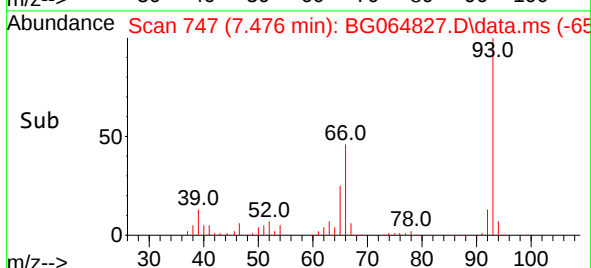
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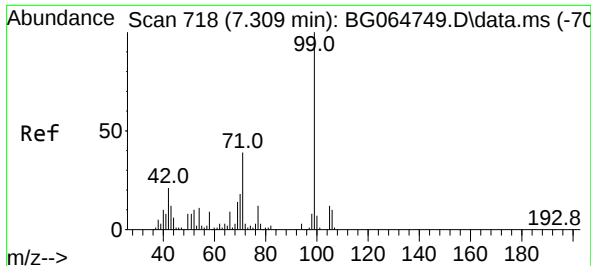


#6
Aniline
Concen: 41.072 ng
RT: 7.476 min Scan# 747
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



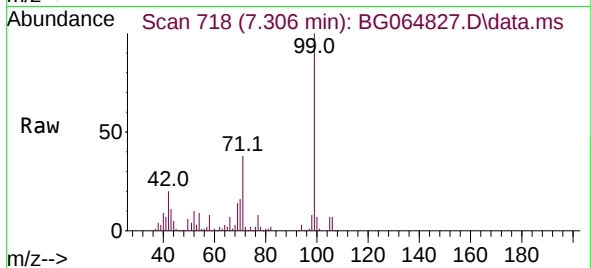
Tgt Ion: 93 Resp: 216465
Ion Ratio Lower Upper
93 100
66 46.1 37.7 56.5
65 24.6 19.1 28.7





#7
Phenol-d6
Concen: 81.621 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

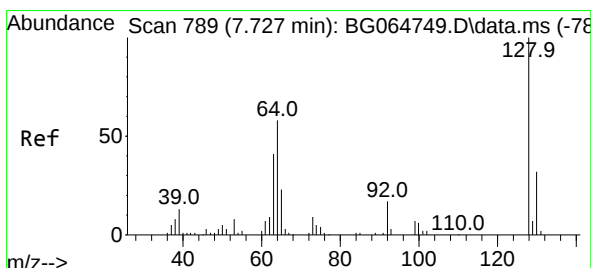
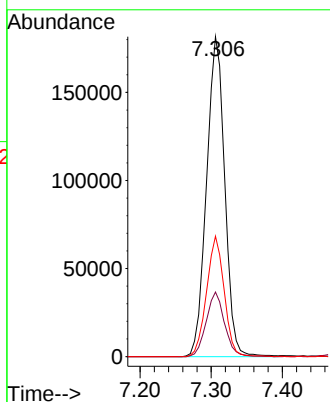
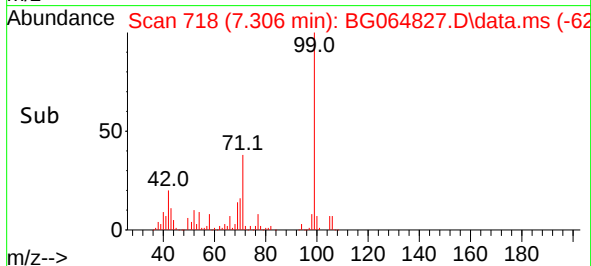
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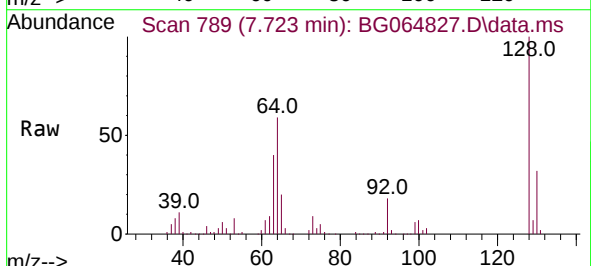
Tgt Ion: 99 Resp: 322730
Ion Ratio Lower Upper
99 100
42 20.2 16.8 25.2
71 37.6 31.1 46.7

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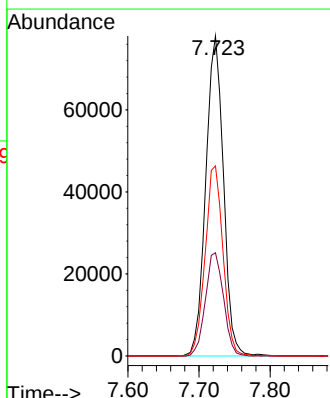
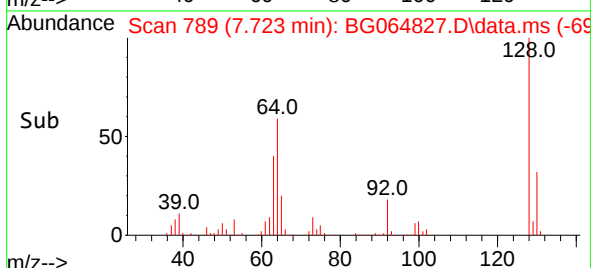
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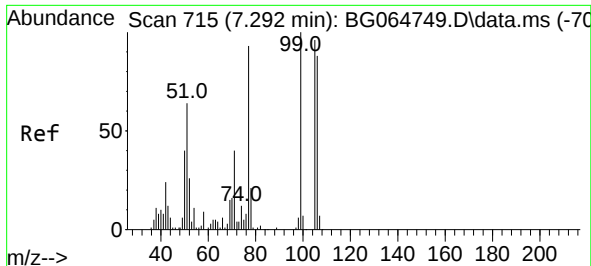


#8
2-Chlorophenol
Concen: 41.270 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



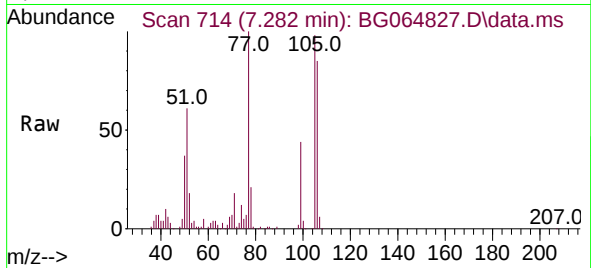
Tgt Ion:128 Resp: 134715
Ion Ratio Lower Upper
128 100
130 32.2 11.9 51.9
64 59.4 38.4 78.4





#9
Benzaldehyde
Concen: 38.003 ng
RT: 7.282 min Scan# 715
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

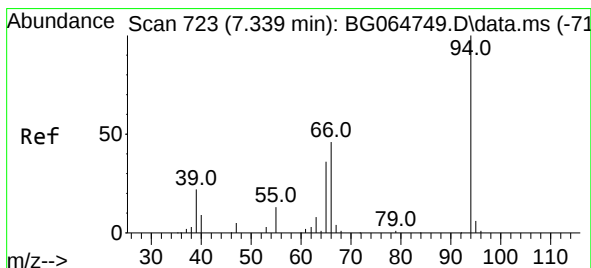
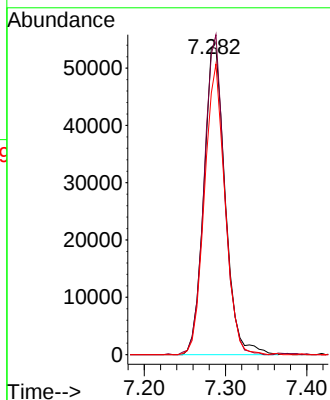
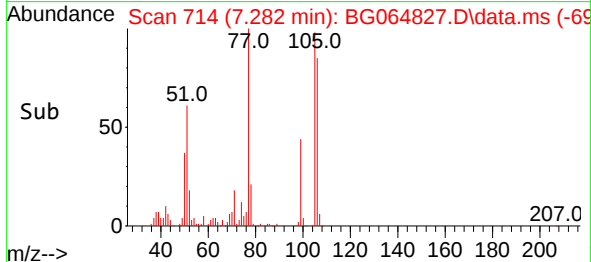
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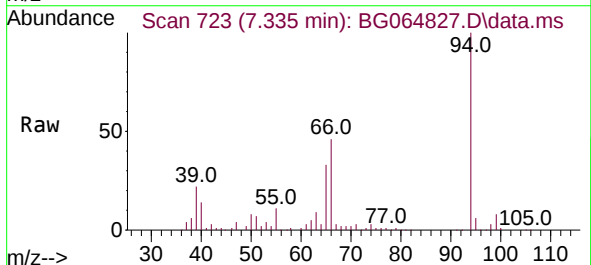
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Ion Ratio Lower Upper
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105 97.7 83.8 123.8
106 85.1 74.3 114.3

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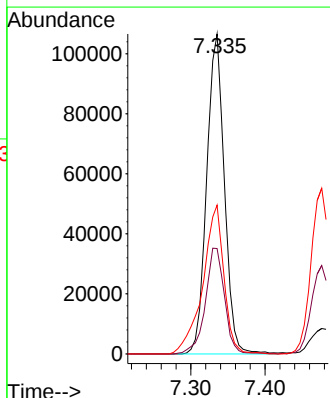
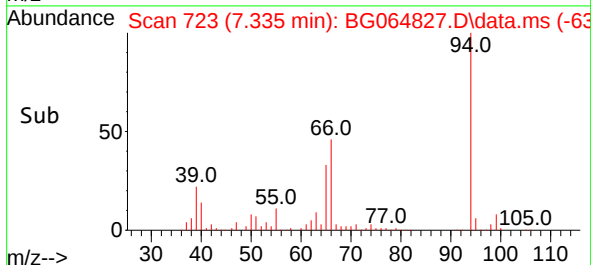
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

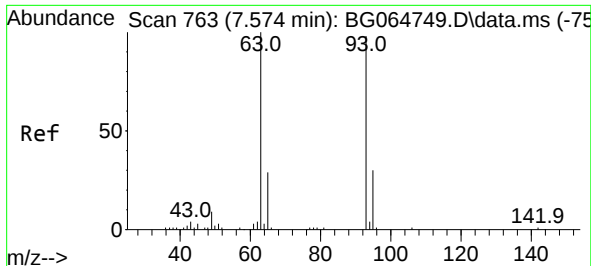


#10
Phenol
Concen: 41.036 ng
RT: 7.335 min Scan# 723
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



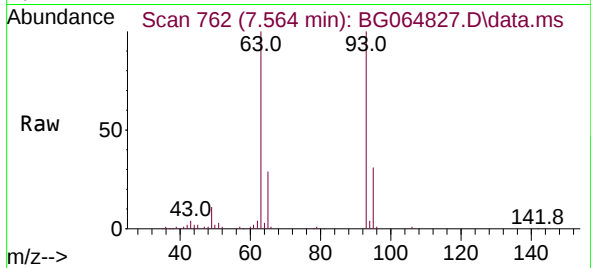
Tgt Ion: 94 Resp: 176539
Ion Ratio Lower Upper
94 100
65 32.9 17.0 57.0
66 46.5 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 42.338 ng
RT: 7.564 min Scan# 763
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

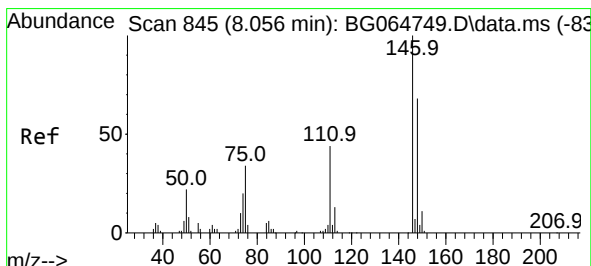
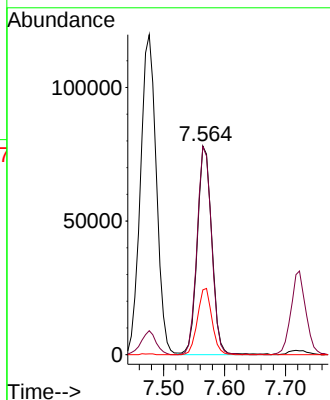
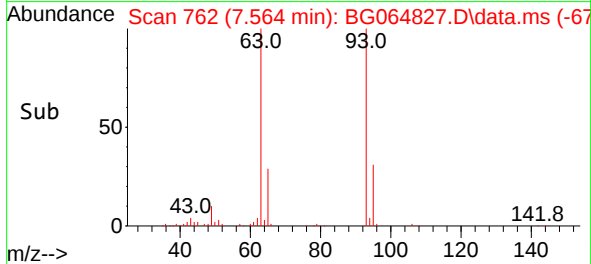
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



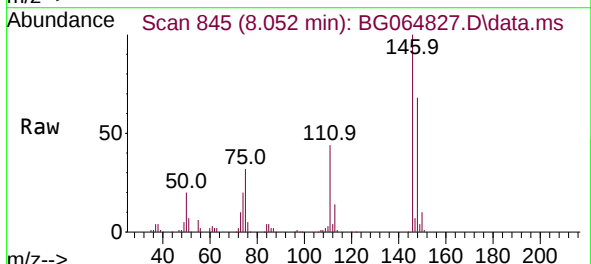
Tgt Ion: 93 Resp: 129610
Ion Ratio Lower Upper
93 100
63 99.7 81.8 121.8
95 31.1 10.3 50.3

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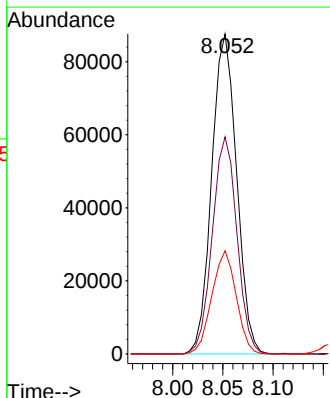
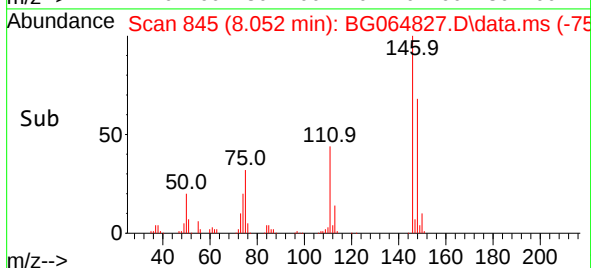
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

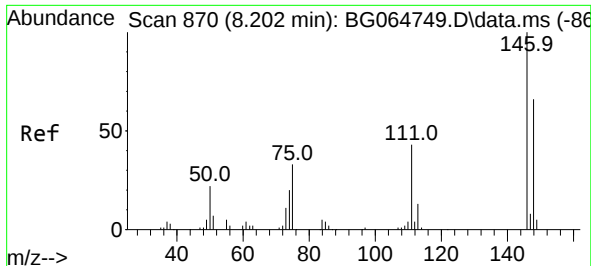


#12
1,3-Dichlorobenzene
Concen: 40.293 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



Tgt Ion:146 Resp: 151347
Ion Ratio Lower Upper
146 100
148 67.8 54.6 82.0
75 32.2 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 39.797 ng

RT: 8.199 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064827.D

Acq: 20 Nov 2025 10:00

Instrument :

BNA_G

ClientSampleId :

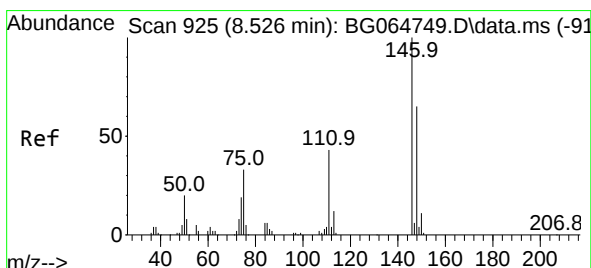
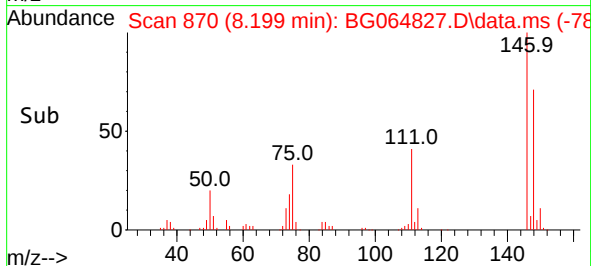
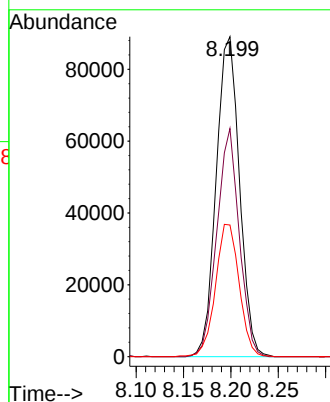
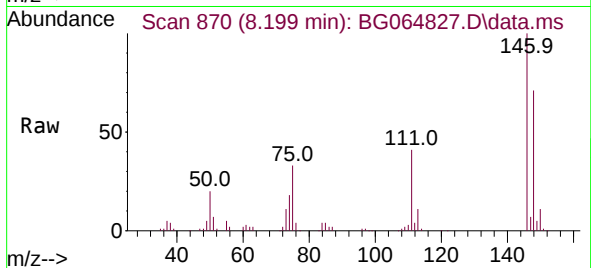
SSTDCCC040

Tgt Ion:146 Resp: 152212
 Ion Ratio Lower Upper
 146 100
 148 71.3 53.1 79.7
 111 41.1 34.1 51.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025



#14

1,2-Dichlorobenzene

Concen: 39.068 ng

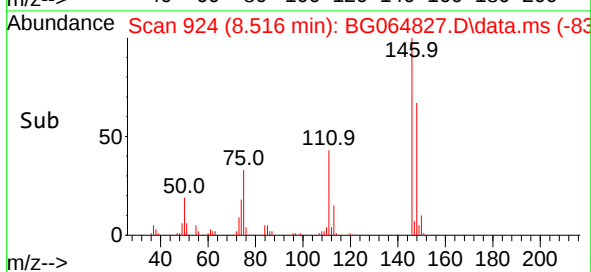
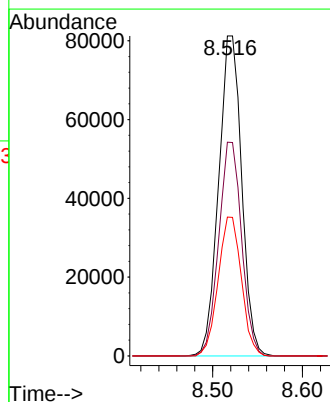
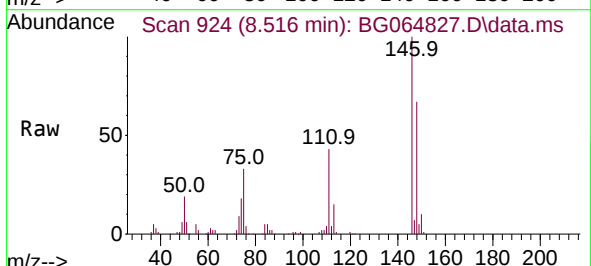
RT: 8.516 min Scan# 924

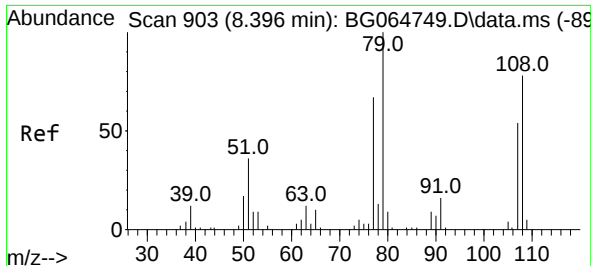
Delta R.T. -0.009 min

Lab File: BG064827.D

Acq: 20 Nov 2025 10:00

Tgt Ion:146 Resp: 144883
 Ion Ratio Lower Upper
 146 100
 148 66.8 52.0 78.0
 111 43.4 34.7 52.1





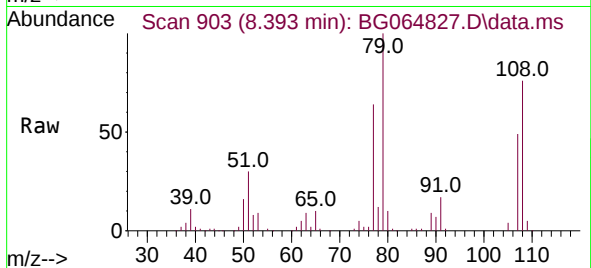
#15
Benzyl Alcohol
Concen: 40.079 ng
RT: 8.393 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Instrument :

BNA_G

ClientSampleId :

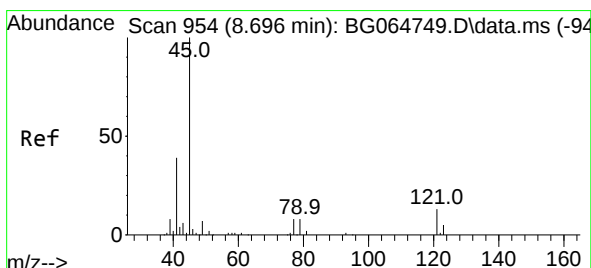
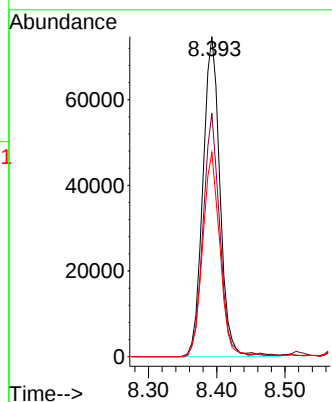
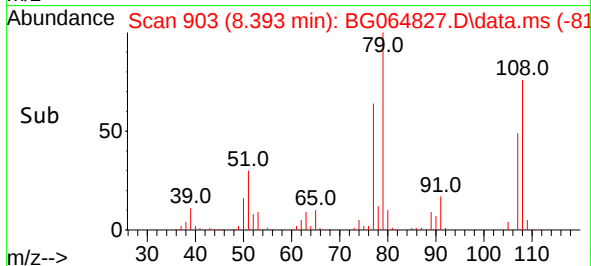
SSTDCCC040



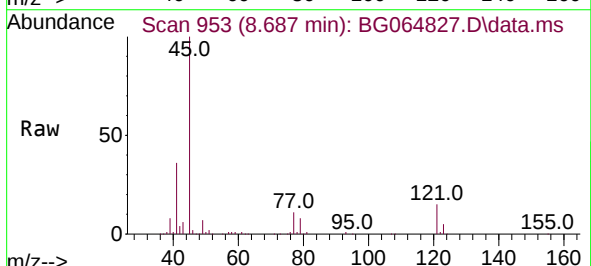
Tgt Ion: 79 Resp: 130078
Ion Ratio Lower Upper
79 100
108 76.0 62.3 93.5
77 63.8 53.5 80.3

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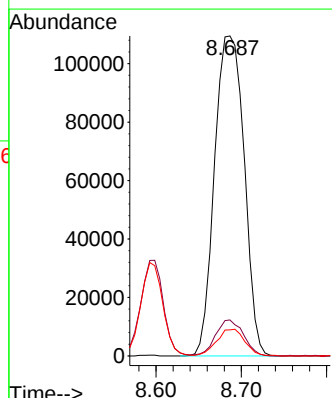
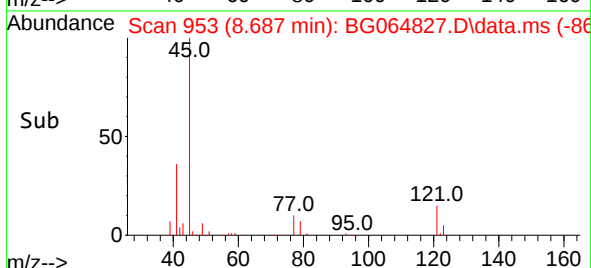
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

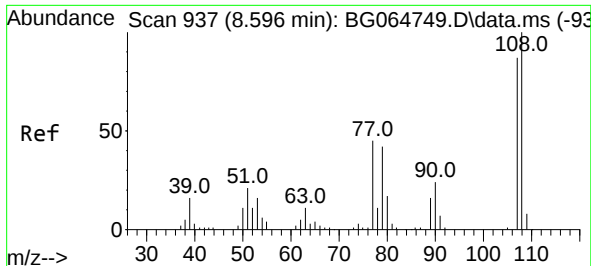


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.426 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



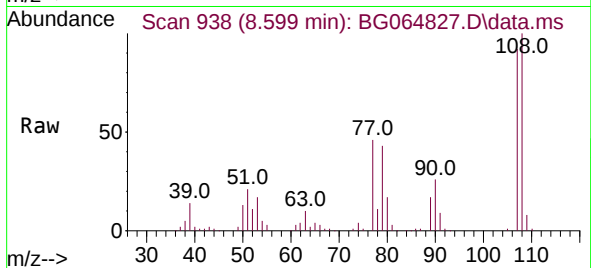
Tgt Ion: 45 Resp: 263943
Ion Ratio Lower Upper
45 100
77 11.2 0.0 28.8
79 8.1 0.0 28.1





#17
2-Methylphenol
Concen: 39.857 ng
RT: 8.599 min Scan# 937
Delta R.T. 0.002 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

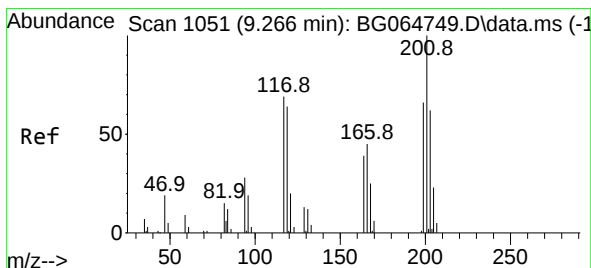
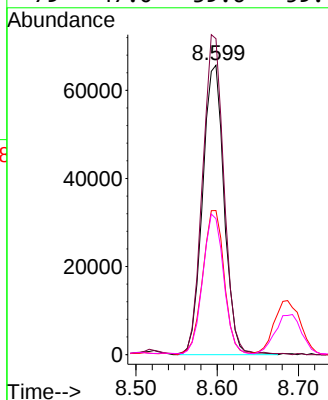
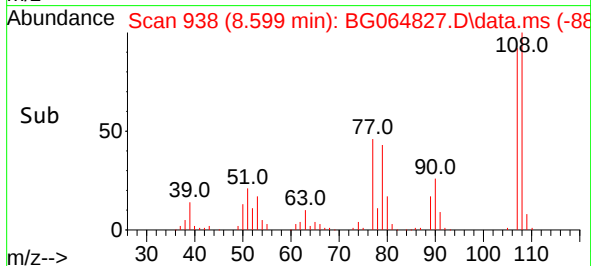
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 121326
Ion Ratio Lower Upper
107 100
108 109.2 92.6 138.8
77 49.8 41.2 61.8
79 47.0 39.6 59.4

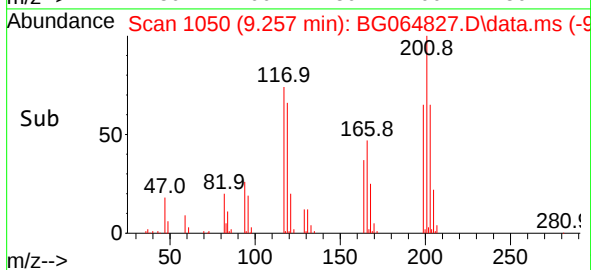
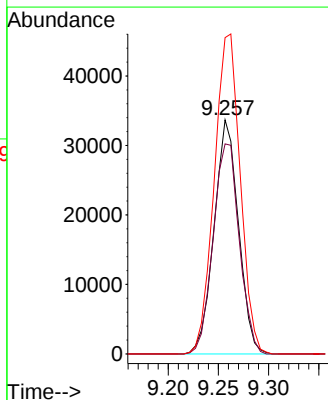
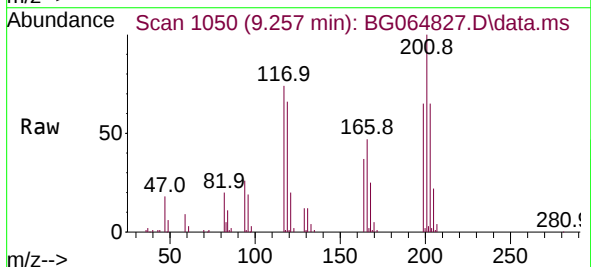
Manual Integrations
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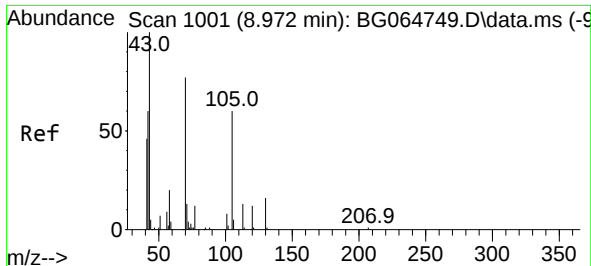
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#18
Hexachloroethane
Concen: 39.348 ng
RT: 9.257 min Scan# 1050
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

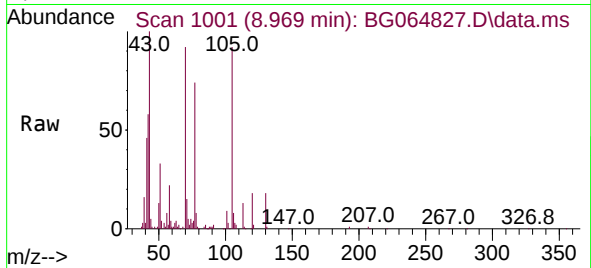
Tgt Ion:117 Resp: 57000
Ion Ratio Lower Upper
117 100
119 89.7 74.4 111.6
201 135.1 116.5 174.7





#19
n-Nitroso-di-n-propylamine
Concen: 41.700 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

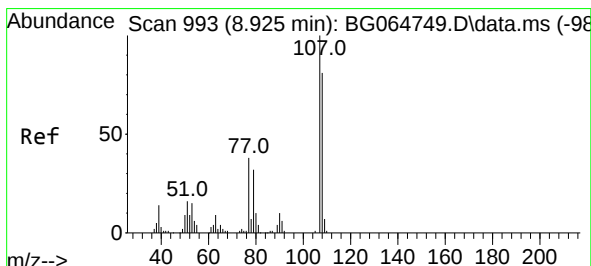
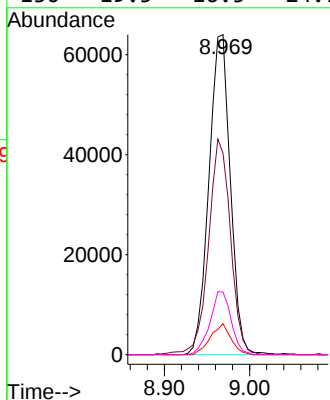
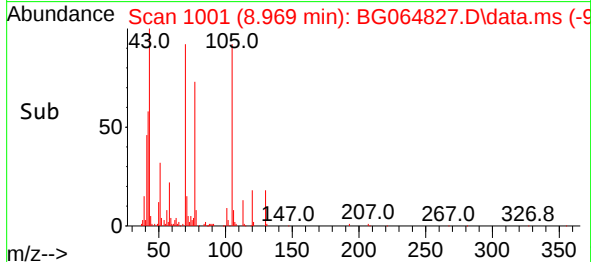
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



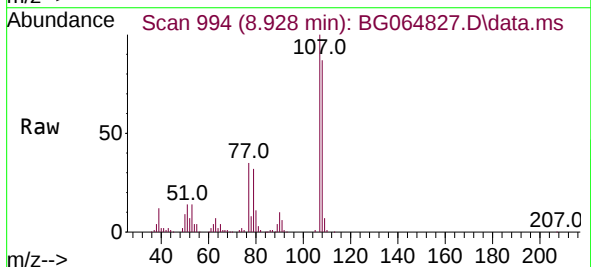
Tgt Ion: 70 Resp: 111483
Ion Ratio Lower Upper
70 100
42 63.0 62.6 93.8
101 9.7 8.0 12.0
130 19.5 16.5 24.7

Manual Integrations
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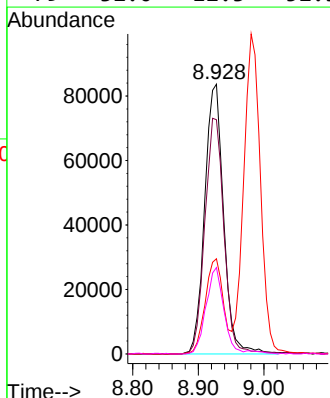
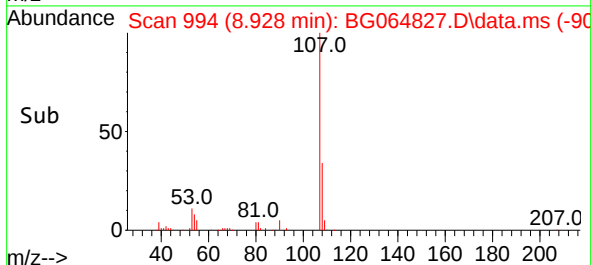
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

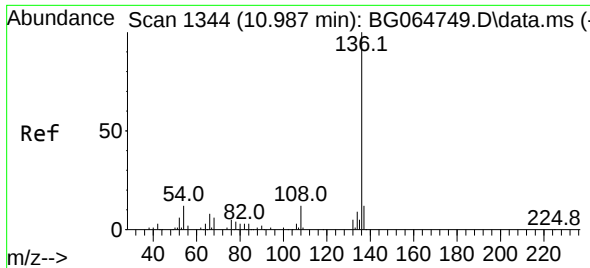


#20
3+4-Methylphenols
Concen: 40.155 ng
RT: 8.928 min Scan# 994
Delta R.T. 0.002 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



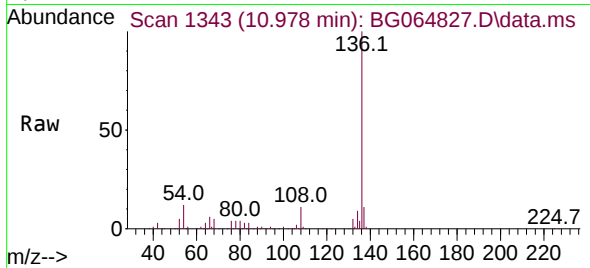
Tgt Ion:107 Resp: 167453
Ion Ratio Lower Upper
107 100
108 86.9 61.0 101.0
77 35.3 17.6 57.6
79 32.0 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 1344
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

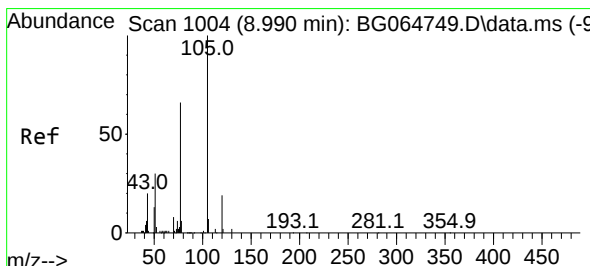
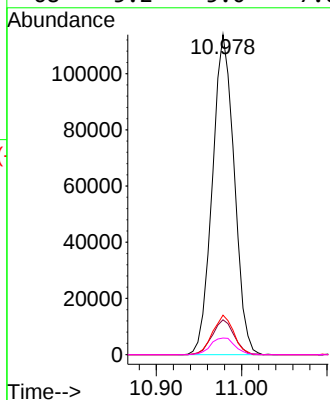
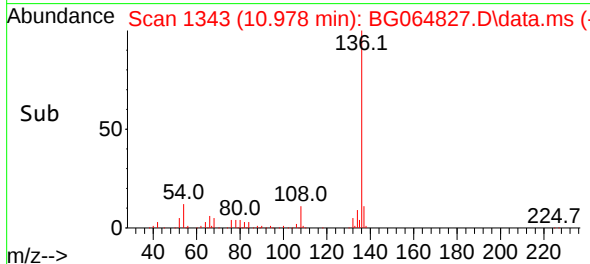
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



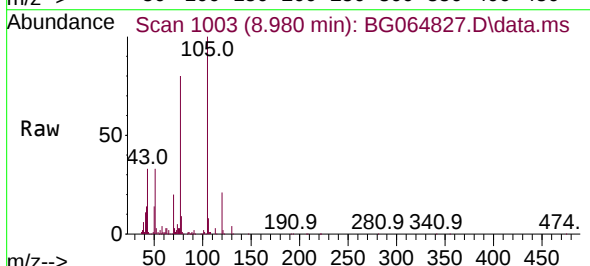
Tgt Ion:136 Resp: 202532
Ion Ratio Lower Upper
136 100
137 10.9 9.3 13.9
54 12.3 9.3 13.9
68 5.2 5.0 7.6

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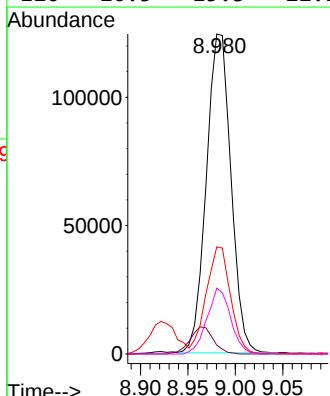
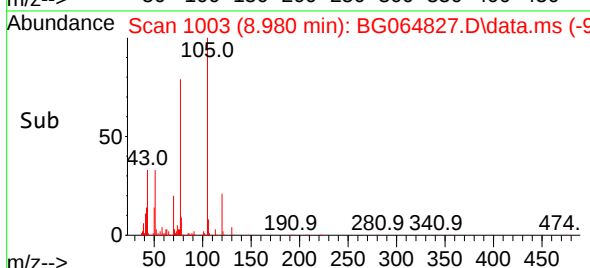
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

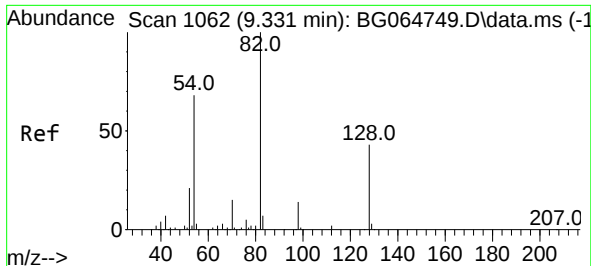


#22
Acetophenone
Concen: 40.734 ng
RT: 8.980 min Scan# 1003
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



Tgt Ion:105 Resp: 224762
Ion Ratio Lower Upper
105 100
71 2.7 1.3 1.9#
51 33.4 27.9 41.9
120 20.5 15.3 22.9





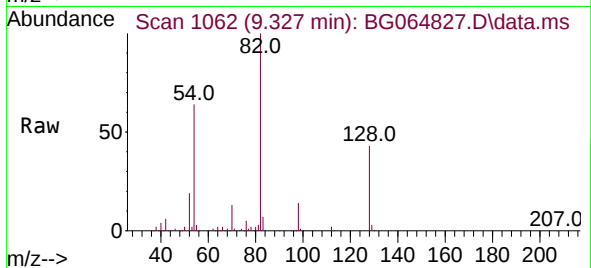
#23
Nitrobenzene-d5
Concen: 81.608 ng
RT: 9.327 min Scan# 1062
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Instrument :

BNA_G

ClientSampleId :

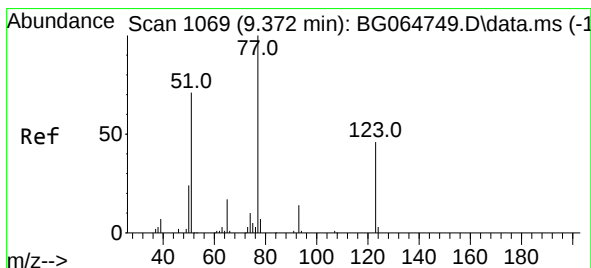
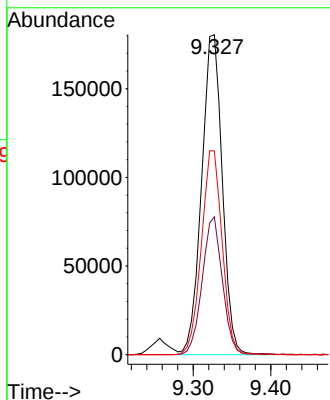
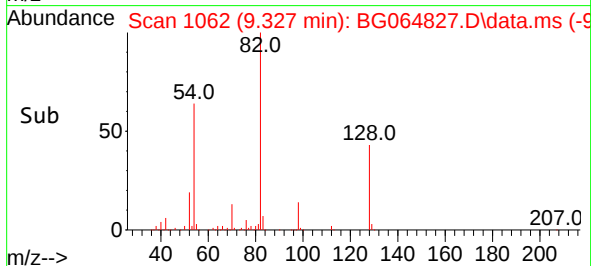
SSTDCCC040



Tgt Ion: 82 Resp: 334291
Ion Ratio Lower Upper
82 100
128 43.1 34.1 51.1
54 63.6 54.3 81.5

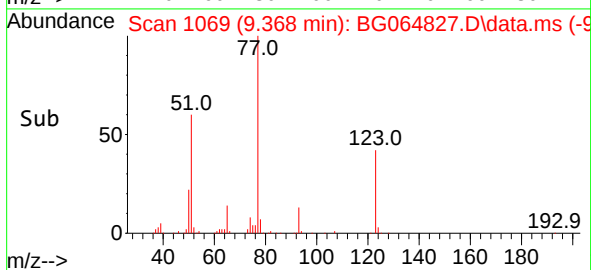
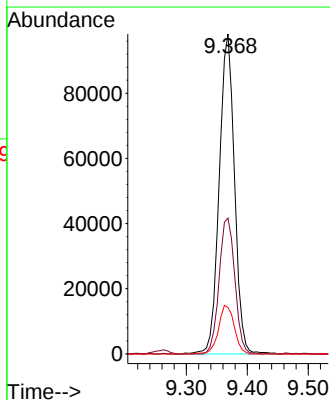
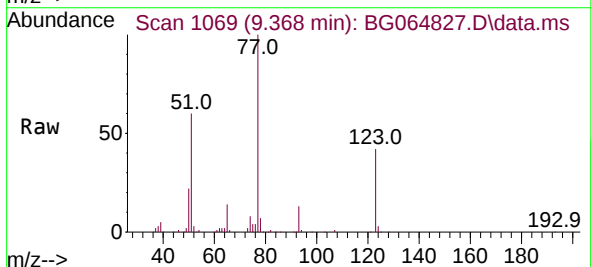
Manual Integrations
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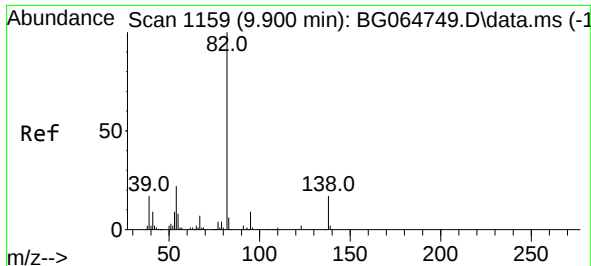
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#24
Nitrobenzene
Concen: 41.275 ng
RT: 9.368 min Scan# 1069
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Tgt Ion: 77 Resp: 170837
Ion Ratio Lower Upper
77 100
123 42.4 36.5 54.7
65 14.5 13.5 20.3





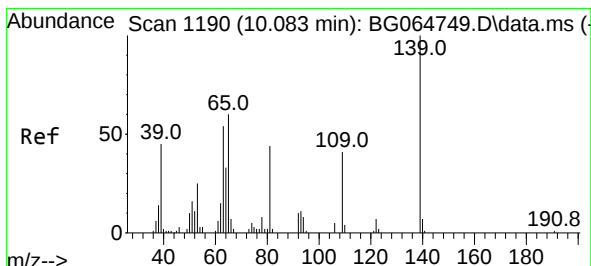
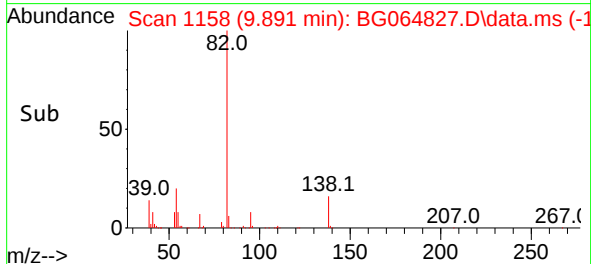
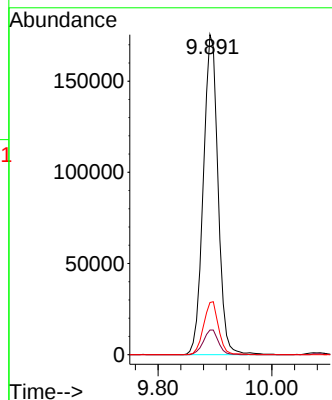
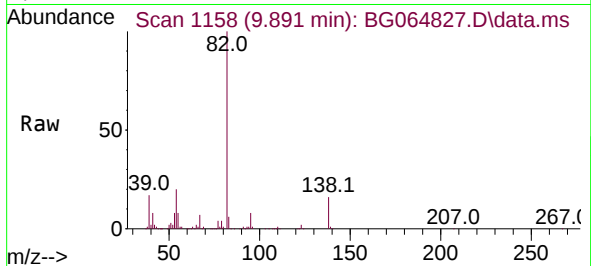
#25
Isophorone
Concen: 40.342 ng
RT: 9.891 min Scan# 1158
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 314689
Ion Ratio Lower Upper
82 100
95 7.7 6.9 10.3
138 16.3 13.9 20.9

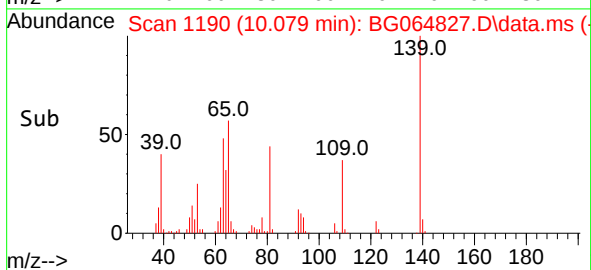
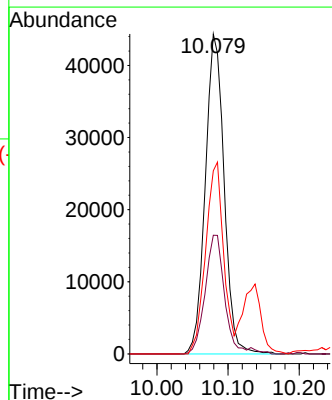
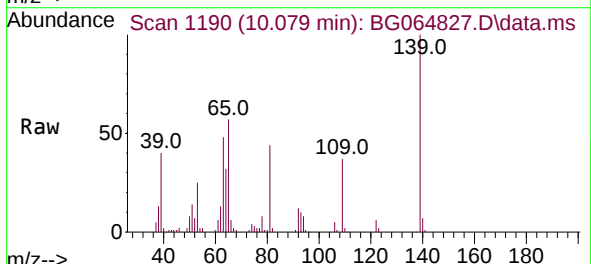
Manual Integrations
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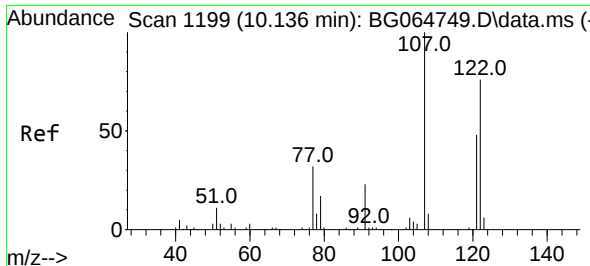
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#26
2-Nitrophenol
Concen: 43.642 ng
RT: 10.079 min Scan# 1190
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Tgt Ion:139 Resp: 81248
Ion Ratio Lower Upper
139 100
109 37.1 32.5 48.7
65 57.2 47.6 71.4





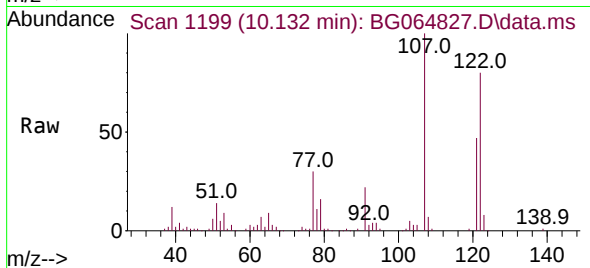
#27
2,4-Dimethylphenol
Concen: 41.111 ng
RT: 10.132 min Scan# 1199
Delta R.T. -0.003 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

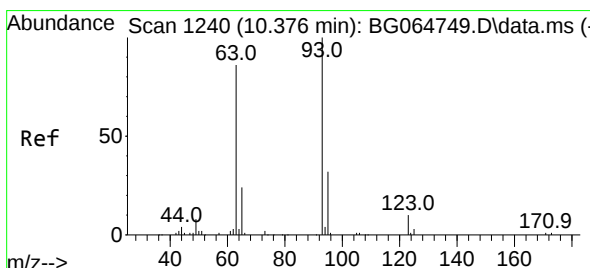
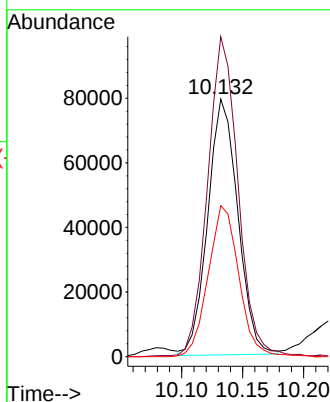
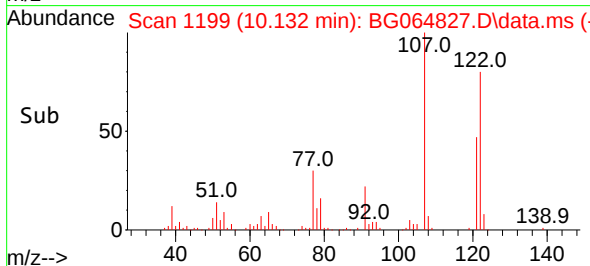


Tgt Ion:122 Resp: 13597
Ion Ratio Lower Upper
122 100
107 124.3 102.5 153.7
121 58.6 49.0 73.6

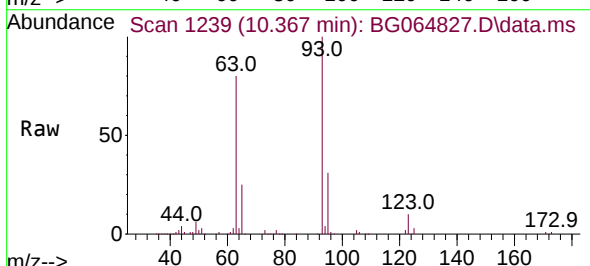
Manual Integrations

APPROVED

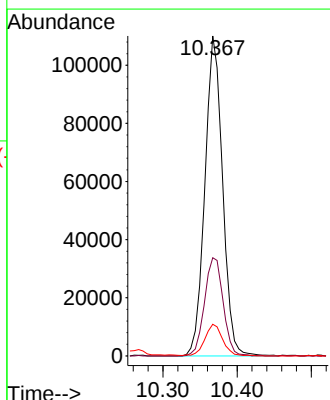
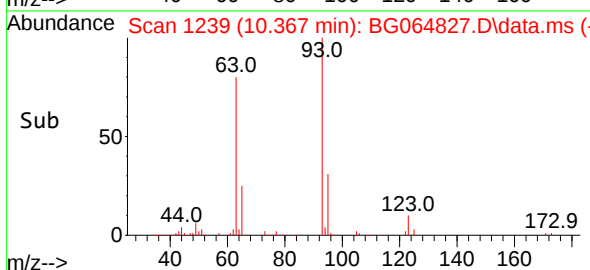
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

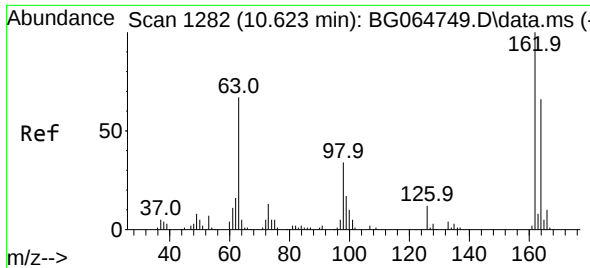


#28
bis(2-Chloroethoxy)methane
Concen: 42.538 ng
RT: 10.367 min Scan# 1239
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



Tgt Ion: 93 Resp: 182169
Ion Ratio Lower Upper
93 100
95 30.7 25.4 38.2
123 9.9 8.1 12.1





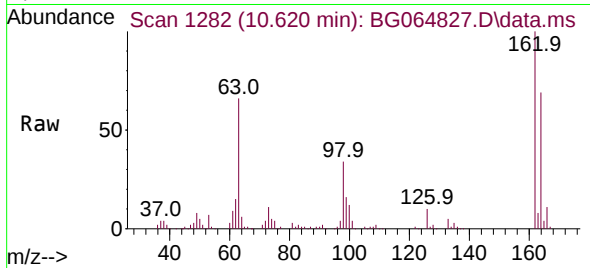
#29
2,4-Dichlorophenol
Concen: 42.149 ng
RT: 10.620 min Scan# 1319
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

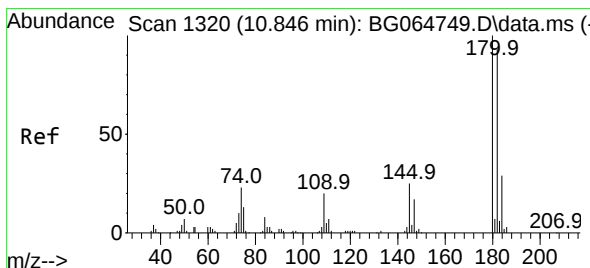
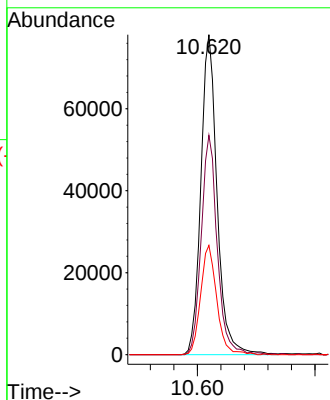
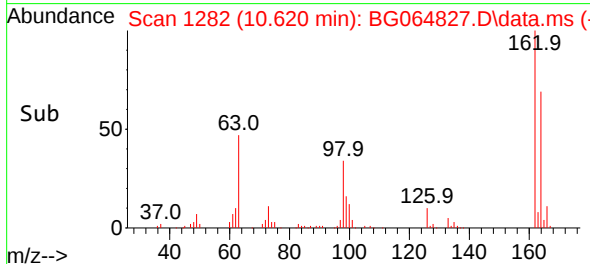


Tgt Ion:162 Resp: 149664
Ion Ratio Lower Upper
162 100
164 68.5 46.0 86.0
98 34.1 14.2 54.2

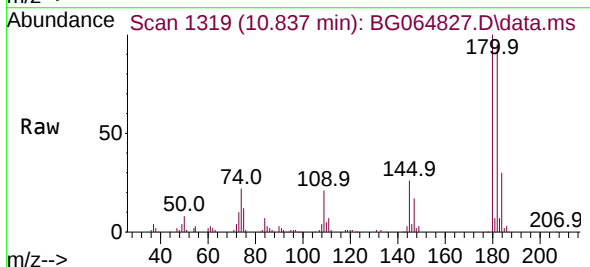
Manual Integrations

APPROVED

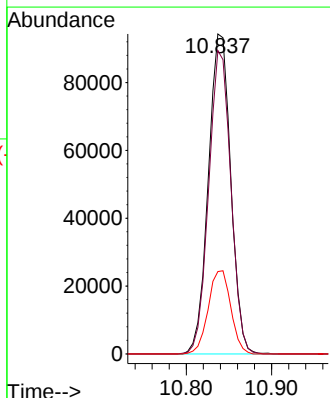
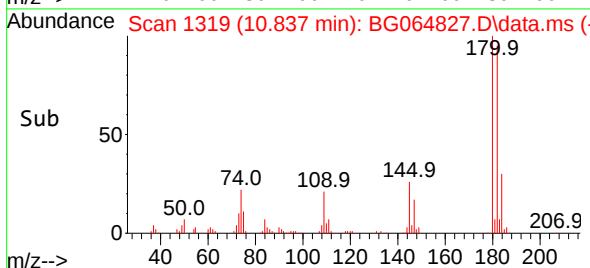
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

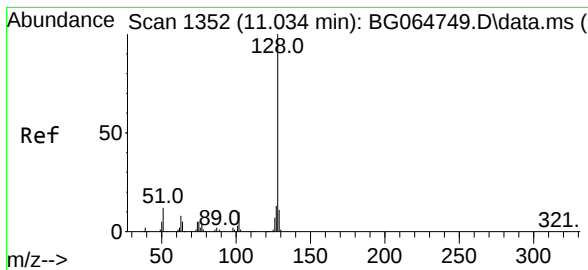


#30
1,2,4-Trichlorobenzene
Concen: 40.039 ng
RT: 10.837 min Scan# 1319
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



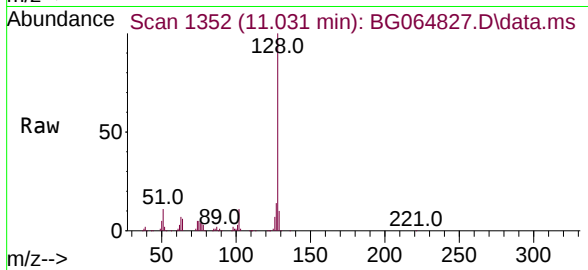
Tgt Ion:180 Resp: 171677
Ion Ratio Lower Upper
180 100
182 94.8 74.2 111.4
145 25.8 20.0 30.0





#31
Naphthalene
Concen: 39.755 ng
RT: 11.031 min Scan# 1352
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

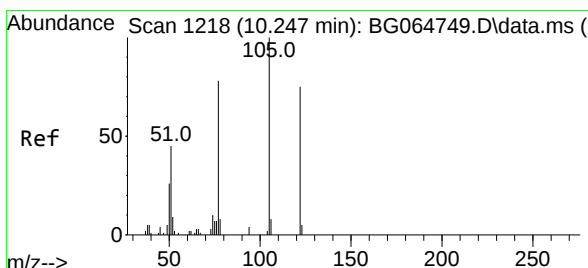
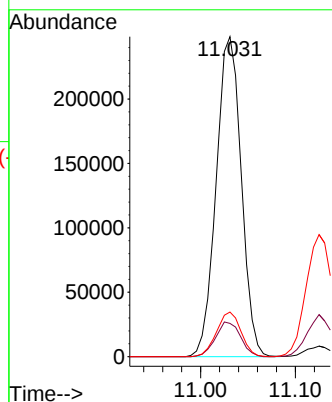
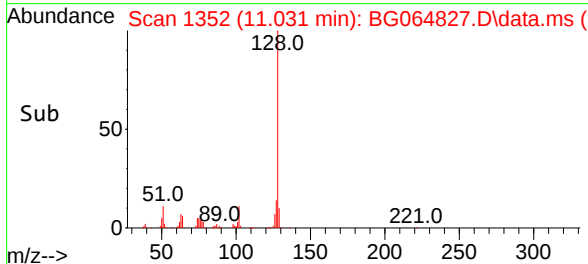
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



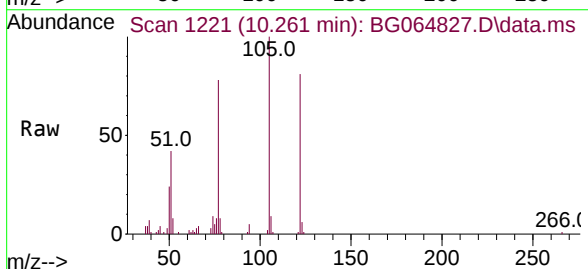
Tgt Ion:128 Resp: 456427
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 13.9 10.6 16.0

Manual Integrations
APPROVED

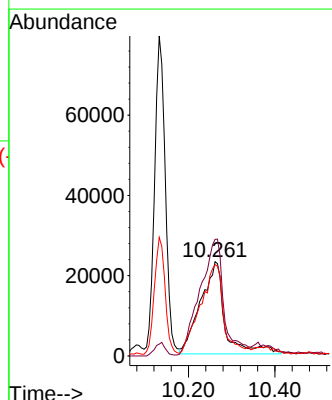
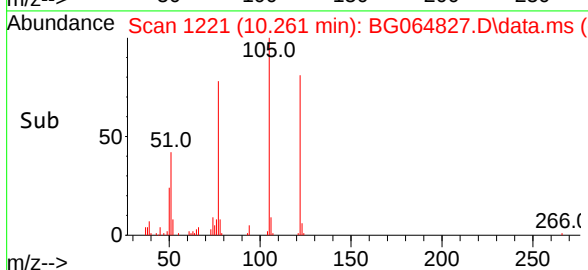
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

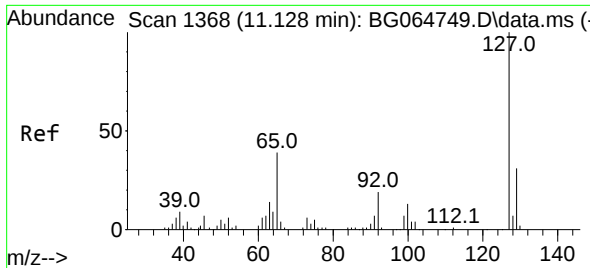


#32
Benzoic acid
Concen: 40.048 ng m
RT: 10.261 min Scan# 1221
Delta R.T. 0.014 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



Tgt Ion:122 Resp: 90891
Ion Ratio Lower Upper
122 100
105 123.9 107.6 147.6
77 96.9 82.5 122.5





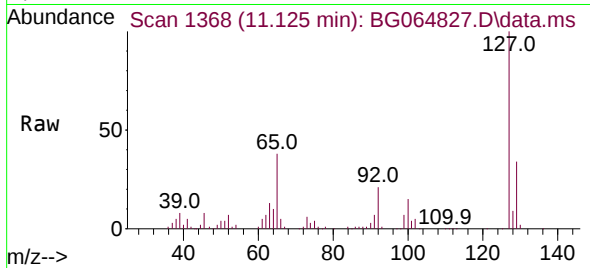
#33
4-Chloroaniline
Concen: 41.329 ng
RT: 11.125 min Scan# 1368
Delta R.T. -0.003 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

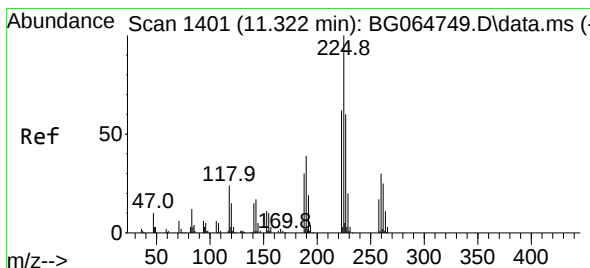
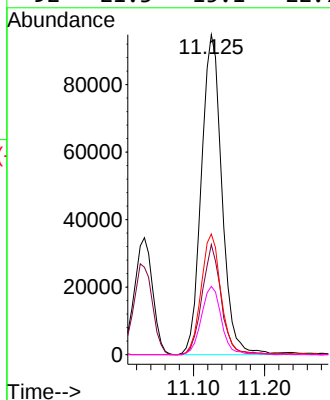
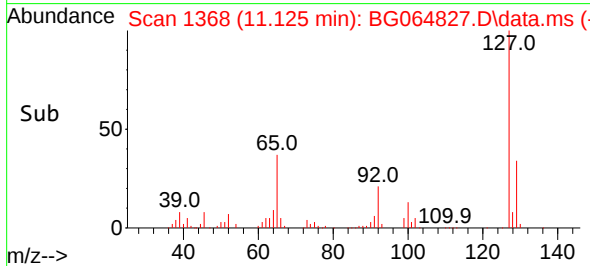


Tgt Ion:127 Resp: 189814
Ion Ratio Lower Upper
127 100
129 34.4 24.9 37.3
65 37.7 30.9 46.3
92 21.3 15.1 22.7

Manual Integrations

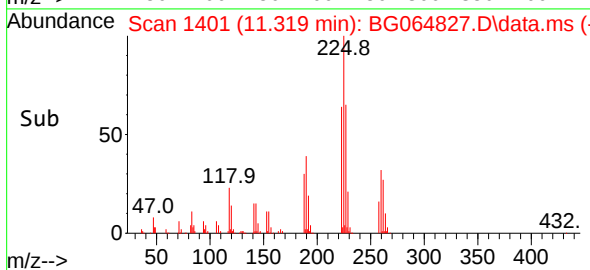
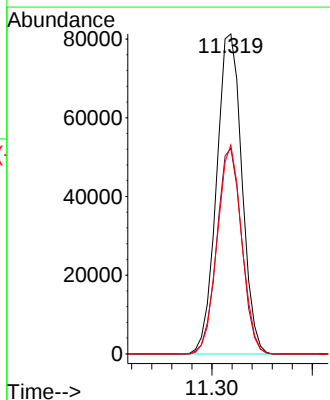
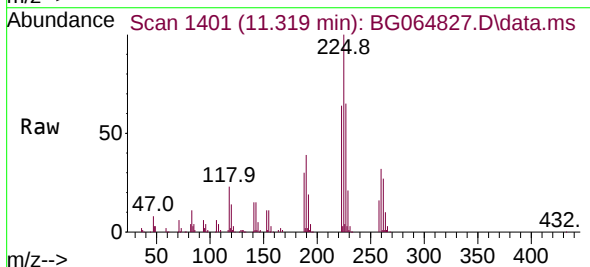
APPROVED

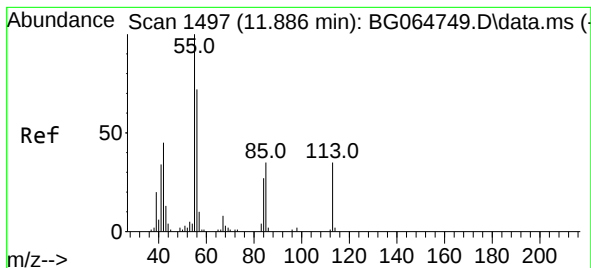
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#34
Hexachlorobutadiene
Concen: 38.828 ng
RT: 11.319 min Scan# 1401
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Tgt Ion:225 Resp: 142844
Ion Ratio Lower Upper
225 100
223 64.2 49.9 74.9
227 65.3 50.6 75.8





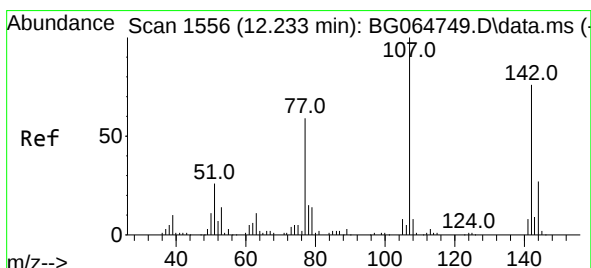
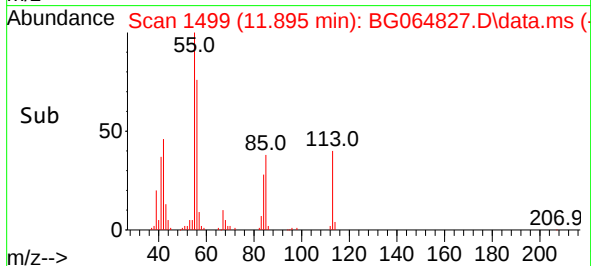
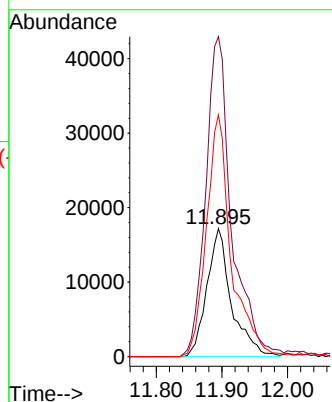
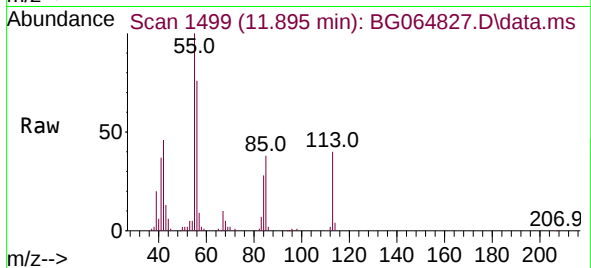
#35
Caprolactam
Concen: 41.983 ng
RT: 11.895 min Scan# 1499
Delta R.T. 0.008 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 44588
Ion Ratio Lower Upper
113 100
55 249.8 263.7 303.7
56 188.6 184.0 224.0

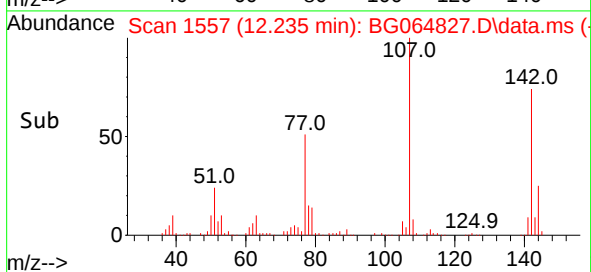
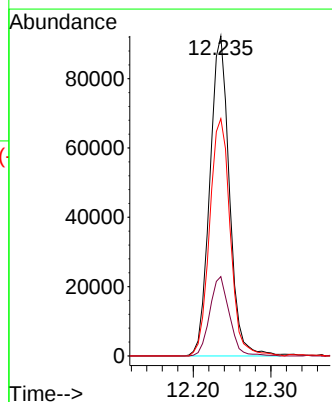
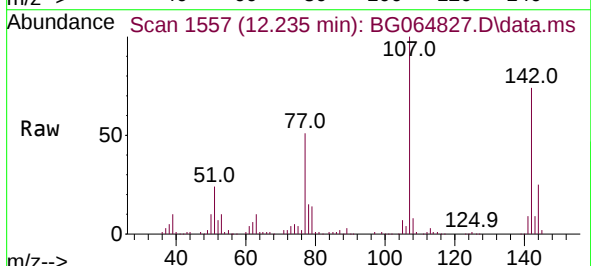
Manual Integrations
APPROVED

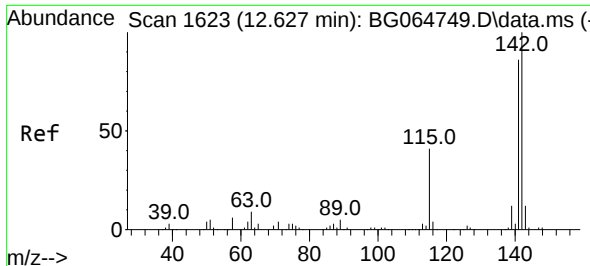
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#36
4-Chloro-3-methylphenol
Concen: 40.935 ng
RT: 12.235 min Scan# 1557
Delta R.T. 0.002 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

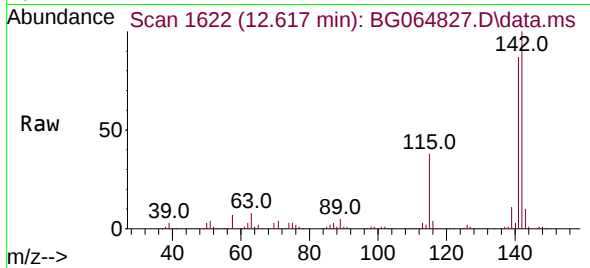
Tgt Ion:107 Resp: 161785
Ion Ratio Lower Upper
107 100
144 24.8 21.7 32.5
142 74.1 60.8 91.2





#37
2-Methylnaphthalene
Concen: 39.835 ng
RT: 12.617 min Scan# 1622
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

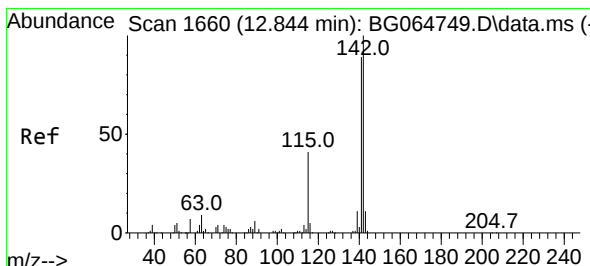
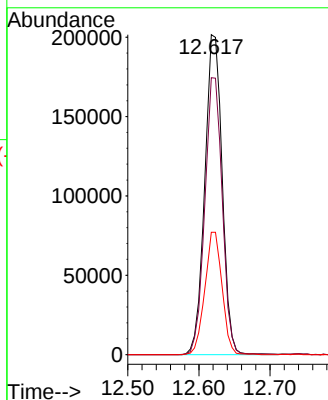
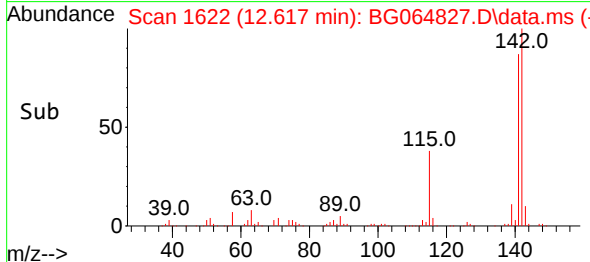
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



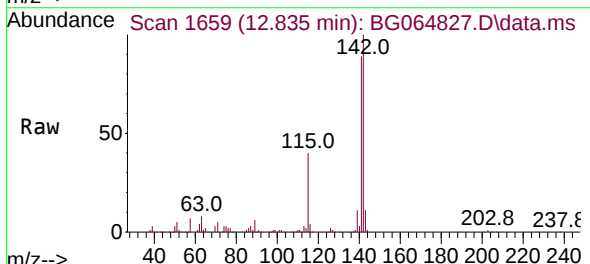
Tgt Ion:142 Resp: 342245
Ion Ratio Lower Upper
142 100
141 86.5 69.1 103.7
115 38.2 32.9 49.3

Manual Integrations
APPROVED

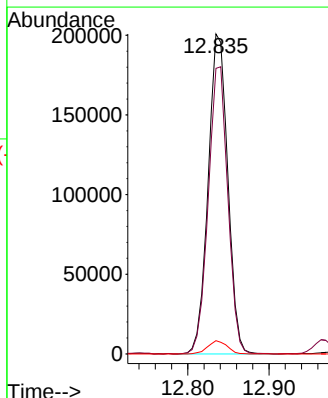
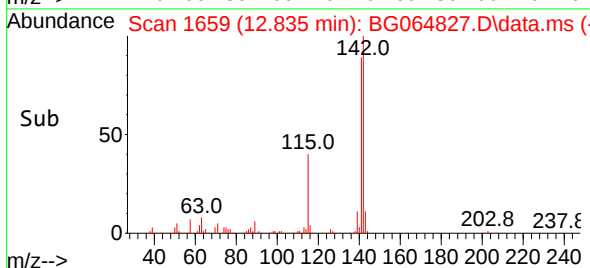
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

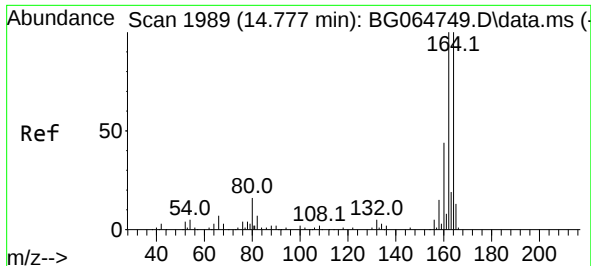


#38
1-Methylnaphthalene
Concen: 39.503 ng
RT: 12.835 min Scan# 1659
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



Tgt Ion:142 Resp: 337142
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2
116 4.1 3.7 5.5





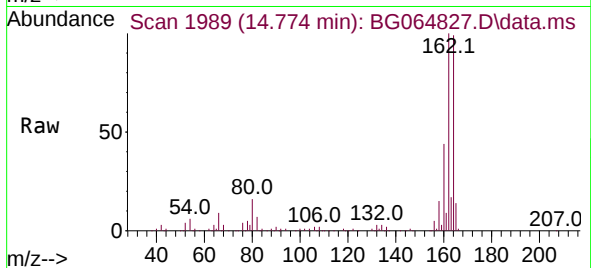
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

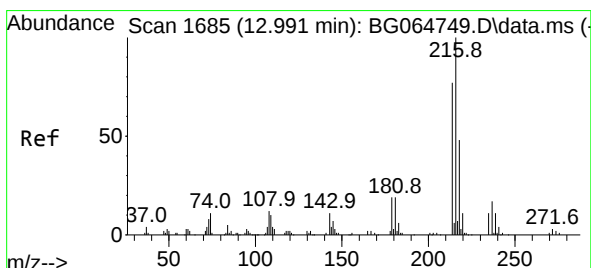
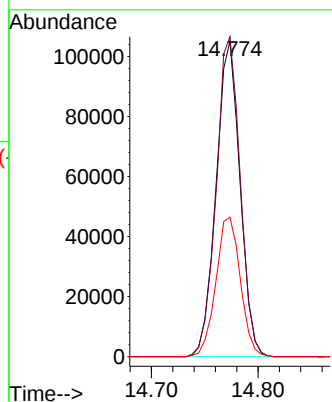
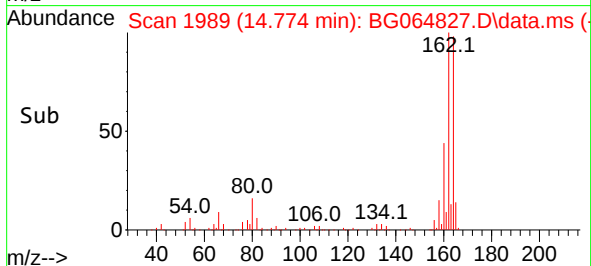


Tgt Ion:164 Resp: 163596
Ion Ratio Lower Upper
164 100
162 101.4 79.8 119.6
160 44.2 34.9 52.3

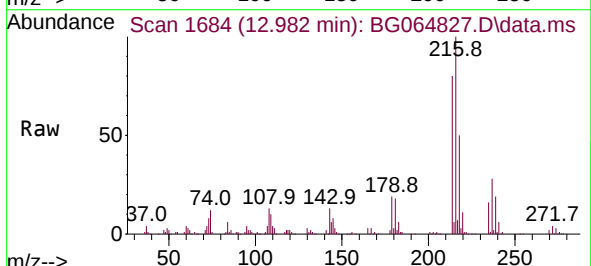
Manual Integrations

APPROVED

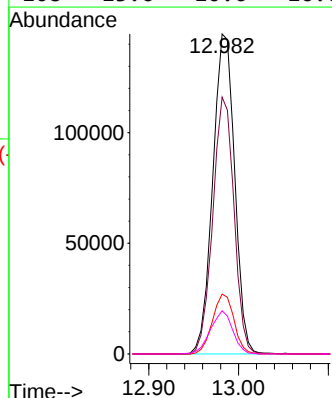
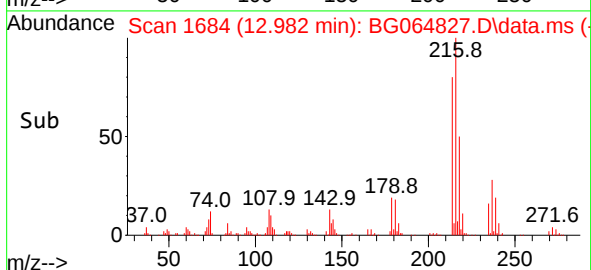
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

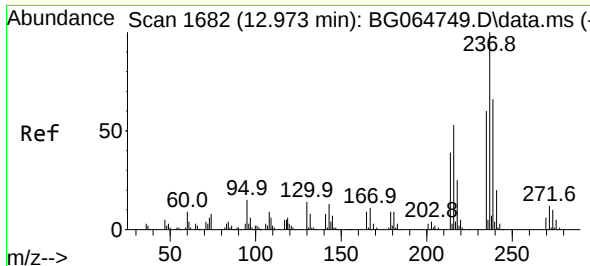


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.402 ng
RT: 12.982 min Scan# 1684
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



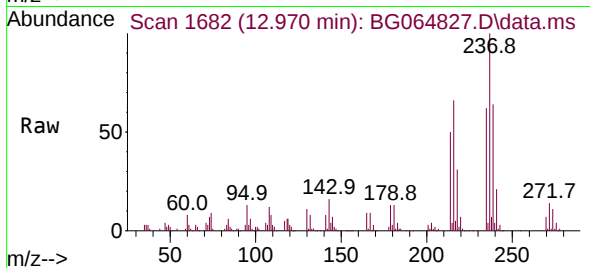
Tgt Ion:216 Resp: 244493
Ion Ratio Lower Upper
216 100
214 77.6 60.5 90.7
179 18.3 14.7 22.1
108 13.6 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 36.809 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

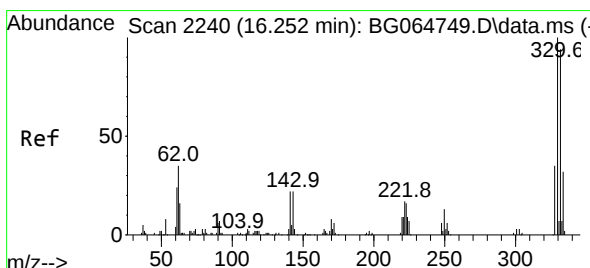
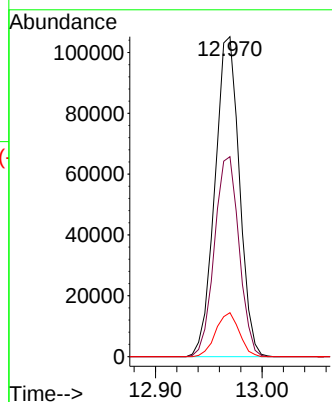
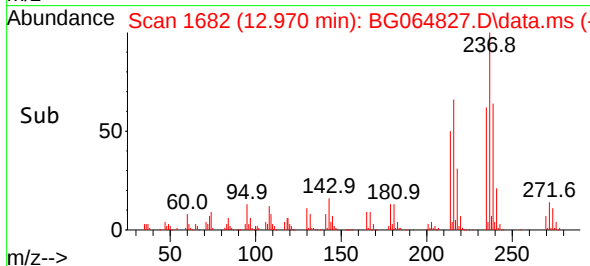
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



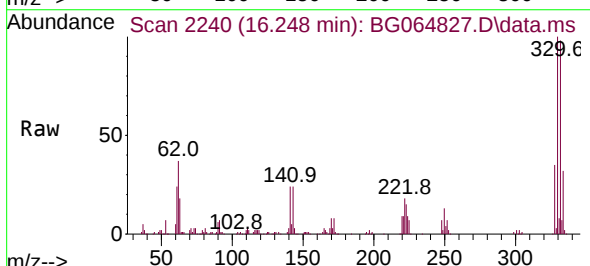
Tgt Ion:237 Resp: 167978
Ion Ratio Lower Upper
237 100
235 62.5 40.2 80.2
272 13.7 0.0 31.9

Manual Integrations
APPROVED

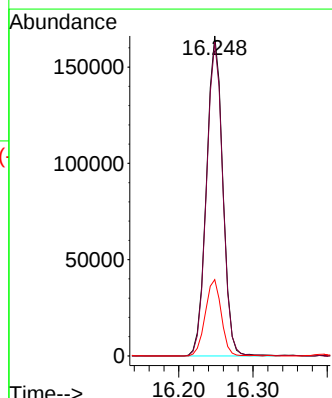
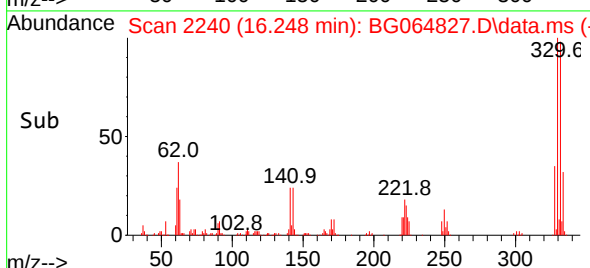
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

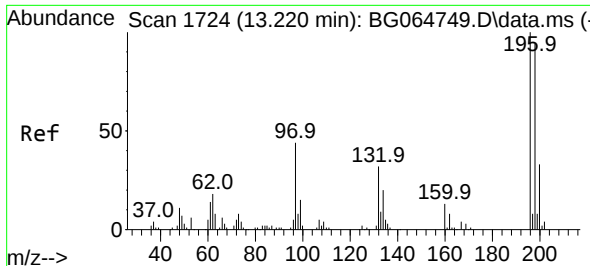


#42
2,4,6-Tribromophenol
Concen: 79.330 ng
RT: 16.248 min Scan# 2240
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



Tgt Ion:330 Resp: 253114
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 23.4 18.2 27.2





#43
2,4,6-Trichlorophenol
Concen: 41.026 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.003 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Instrument :

BNA_G

ClientSampleId :

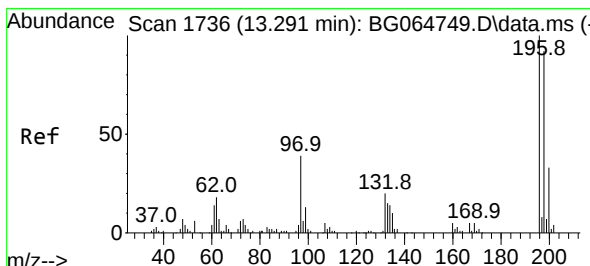
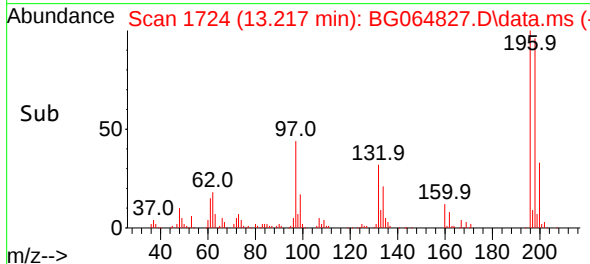
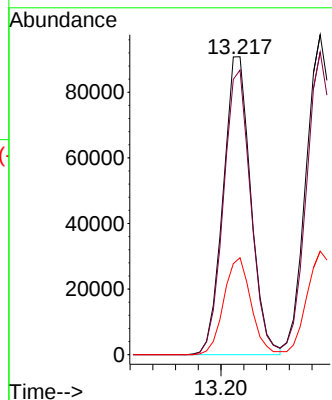
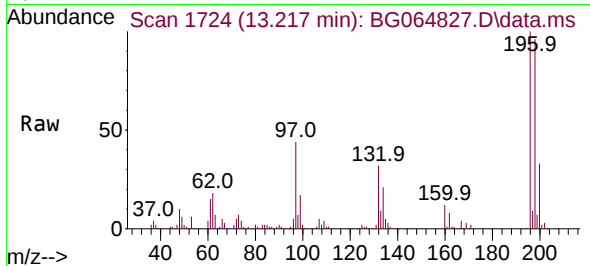
SSTDCCC040

Tgt Ion:196 Resp: 153300
Ion Ratio Lower Upper
196 100
198 95.5 75.3 112.9
200 32.5 26.2 39.2

Manual Integrations

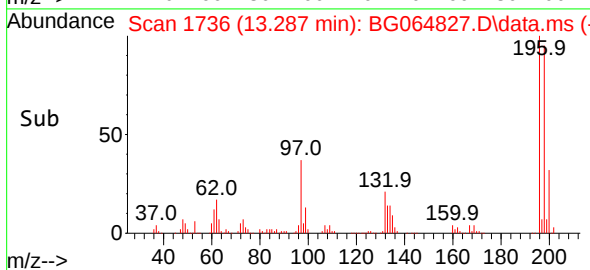
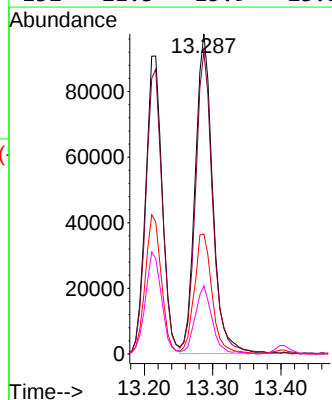
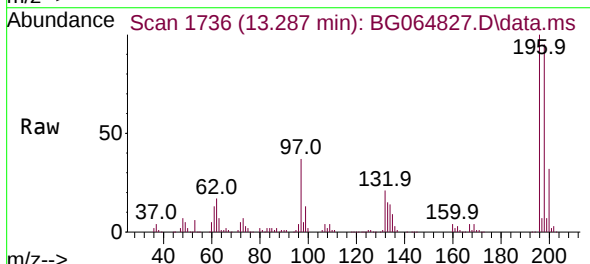
APPROVED

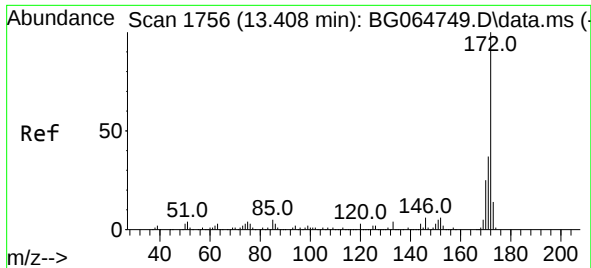
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#44
2,4,5-Trichlorophenol
Concen: 41.394 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

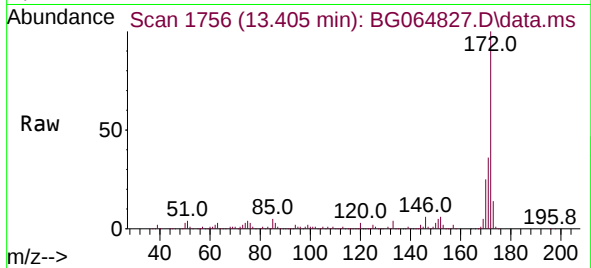
Tgt Ion:196 Resp: 173482
Ion Ratio Lower Upper
196 100
198 94.6 73.2 109.8
97 37.5 31.4 47.0
132 21.3 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 78.267 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

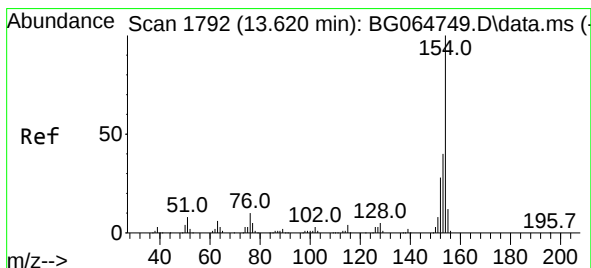
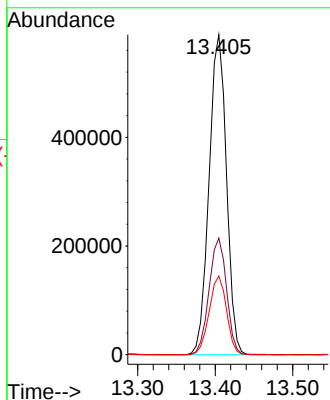
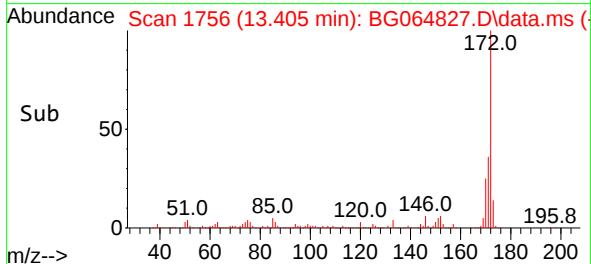
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



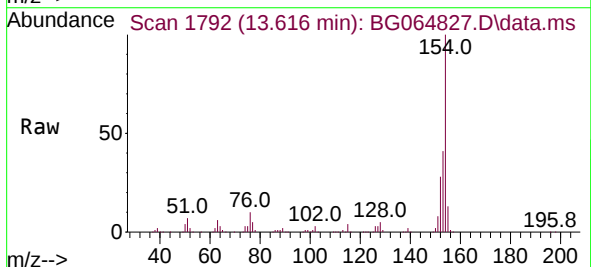
Tgt Ion:172 Resp: 917631
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 24.6 19.8 29.6

Manual Integrations
APPROVED

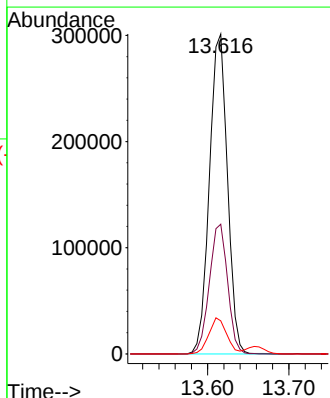
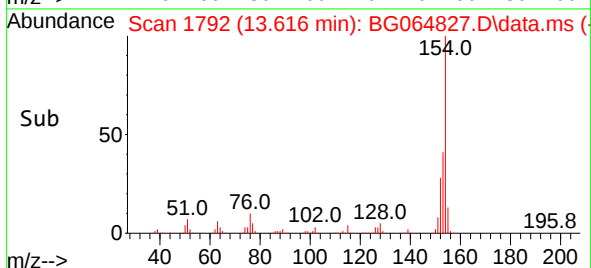
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

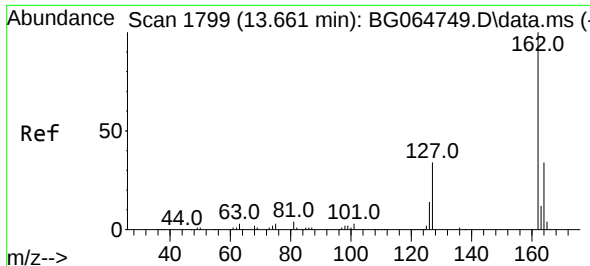


#46
1,1'-Biphenyl
Concen: 39.446 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



Tgt Ion:154 Resp: 463489
Ion Ratio Lower Upper
154 100
153 40.6 19.8 59.8
76 10.3 0.0 30.0





#47
2-Chloronaphthalene
Concen: 39.600 ng
RT: 13.657 min Scan# 1799
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Instrument :

BNA_G

ClientSampleId :

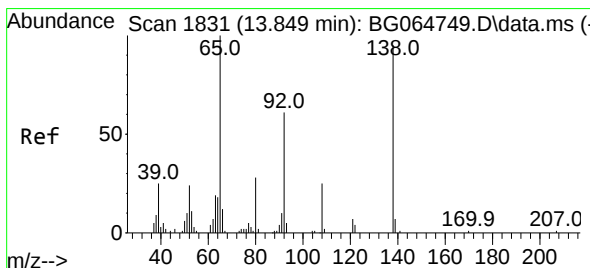
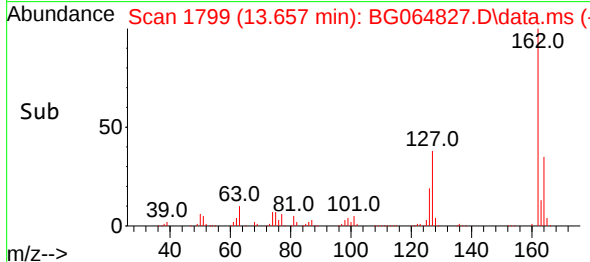
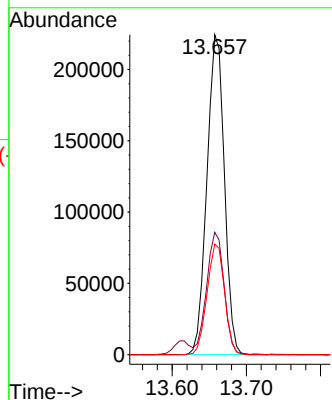
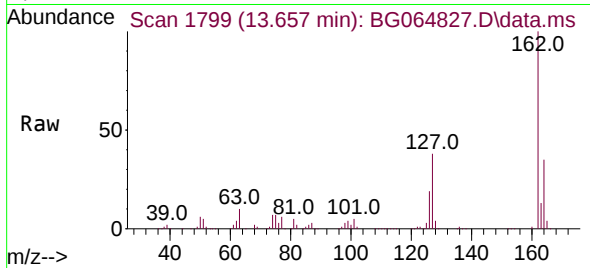
SSTDCCC040

Tgt Ion:162 Resp: 366575
Ion Ratio Lower Upper
162 100
127 38.2 30.3 45.5
164 34.6 26.8 40.2

Manual Integrations

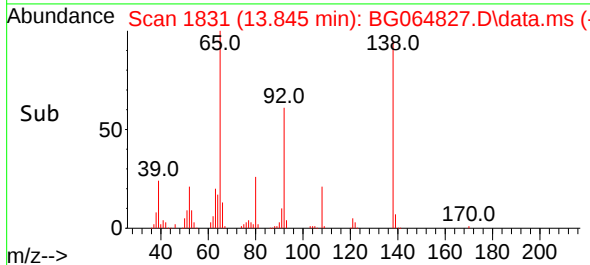
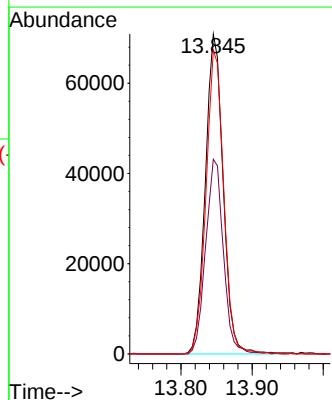
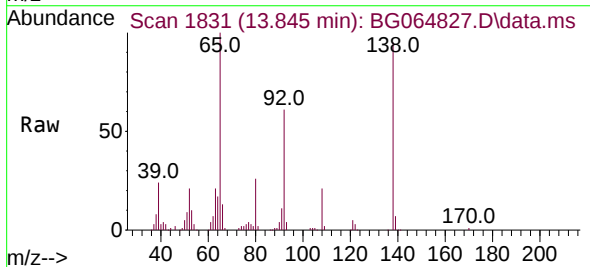
APPROVED

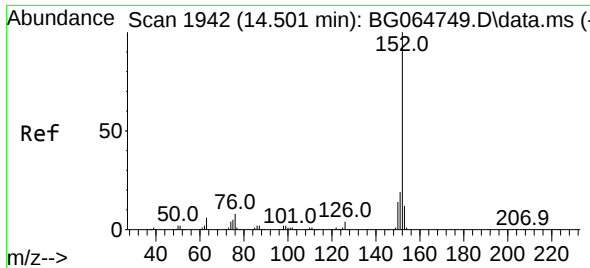
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#48
2-Nitroaniline
Concen: 41.345 ng
RT: 13.845 min Scan# 1831
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Tgt Ion: 65 Resp: 123102
Ion Ratio Lower Upper
65 100
92 60.8 48.6 73.0
138 94.9 76.4 114.6





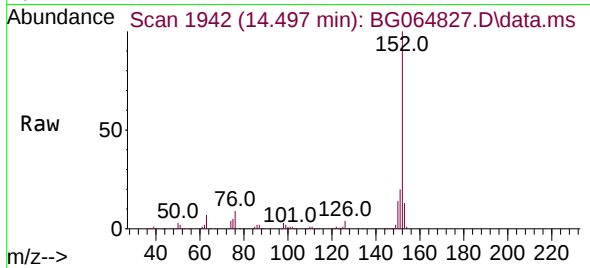
#49
Acenaphthylene
Concen: 40.228 ng
RT: 14.497 min Scan# 1942
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

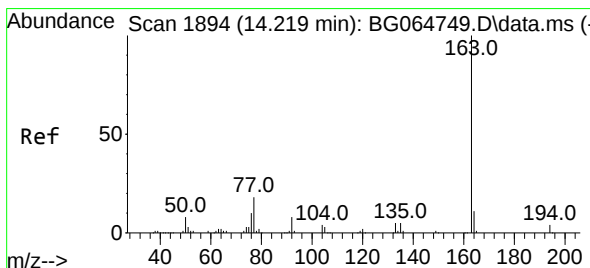
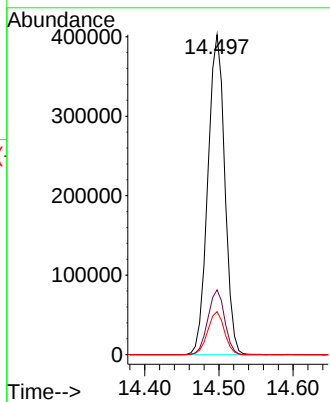
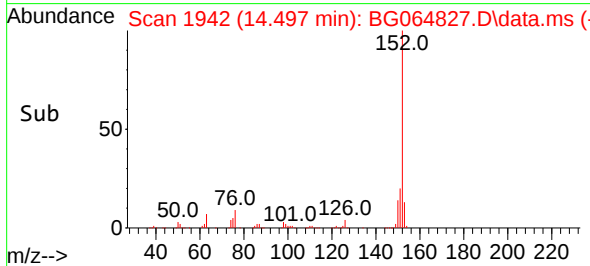


Tgt Ion:152 Resp: 636188
Ion Ratio Lower Upper
152 100
151 20.2 15.0 22.4
153 13.4 9.9 14.9

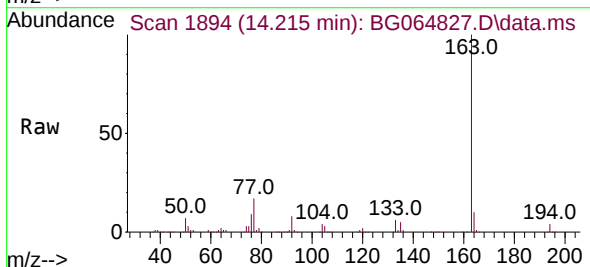
Manual Integrations

APPROVED

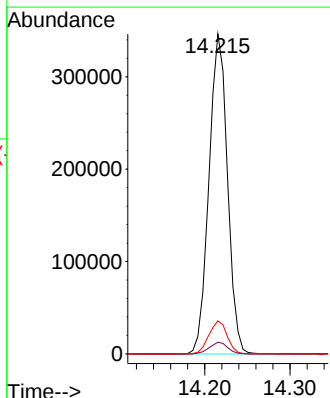
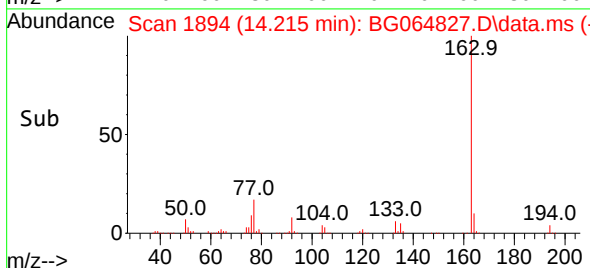
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

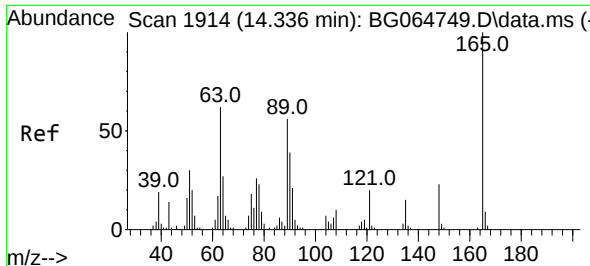


#50
Dimethylphthalate
Concen: 40.315 ng
RT: 14.215 min Scan# 1894
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



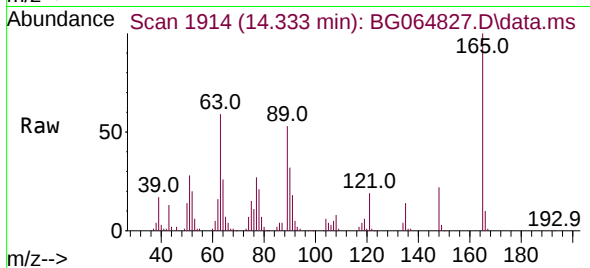
Tgt Ion:163 Resp: 520991
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.3 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 42.001 ng
RT: 14.333 min Scan# 1914
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

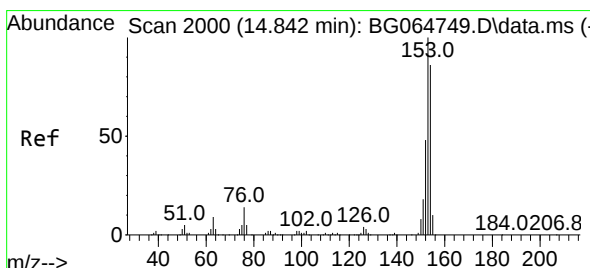
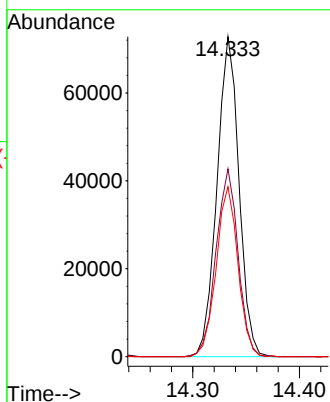
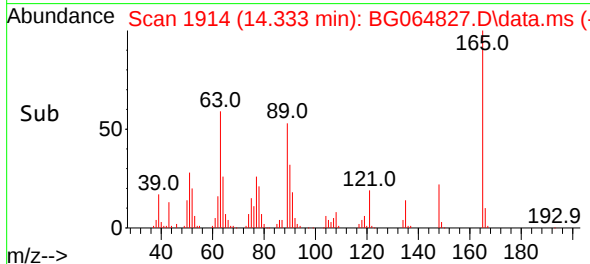
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



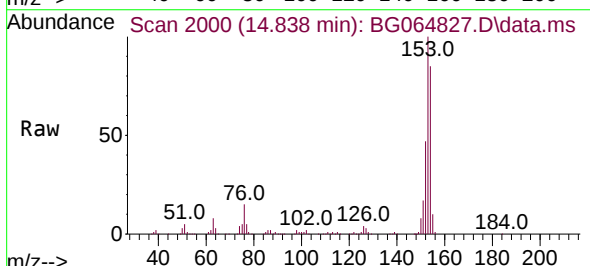
Tgt Ion:165 Resp: 104443
Ion Ratio Lower Upper
165 100
63 58.7 49.8 74.8
89 53.1 45.0 67.4

Manual Integrations
APPROVED

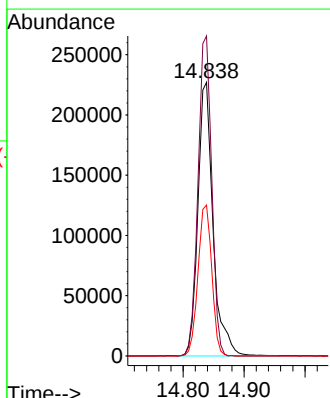
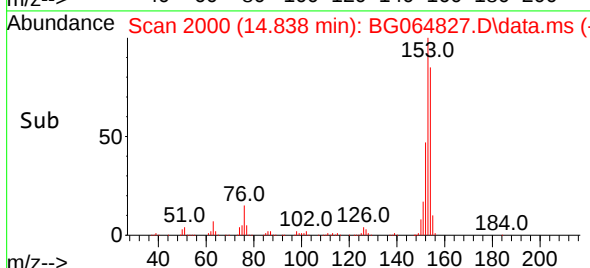
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

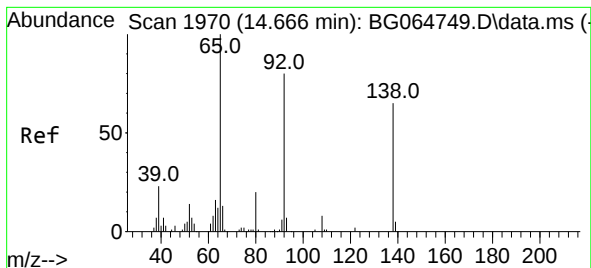


#52
Acenaphthene
Concen: 41.354 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



Tgt Ion:154 Resp: 392132
Ion Ratio Lower Upper
154 100
153 117.0 93.0 139.4
152 55.1 44.4 66.6





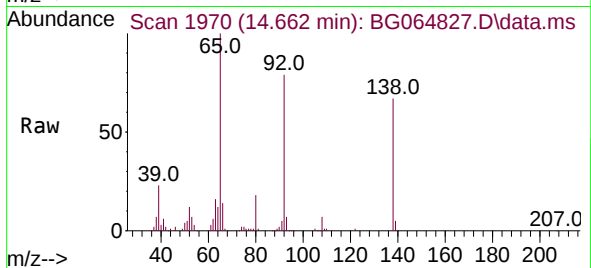
#53
3-Nitroaniline
Concen: 42.878 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

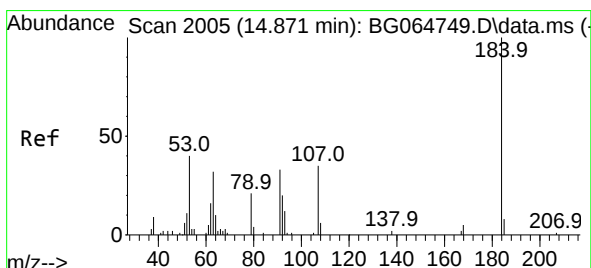
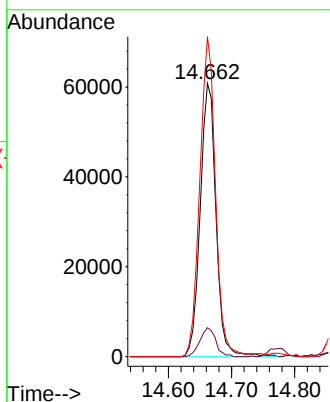
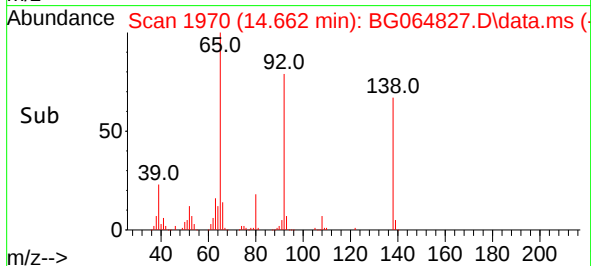


Tgt Ion:138 Resp: 105237
Ion Ratio Lower Upper
138 100
108 10.6 9.5 14.3
92 117.1 99.0 148.4

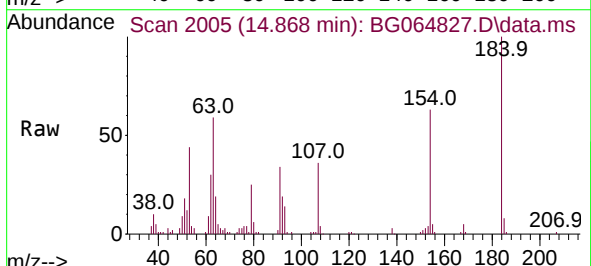
Manual Integrations

APPROVED

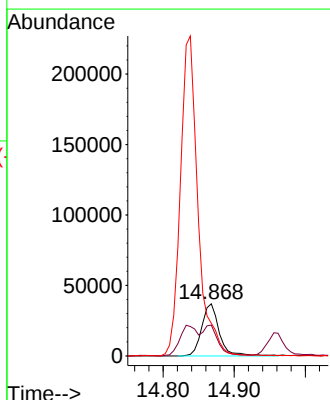
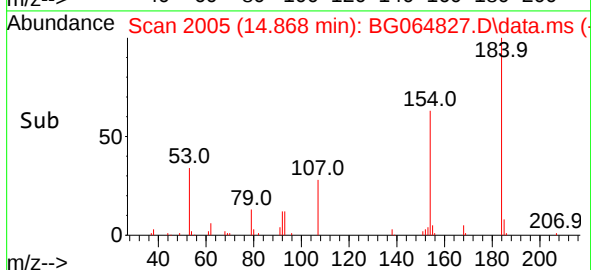
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

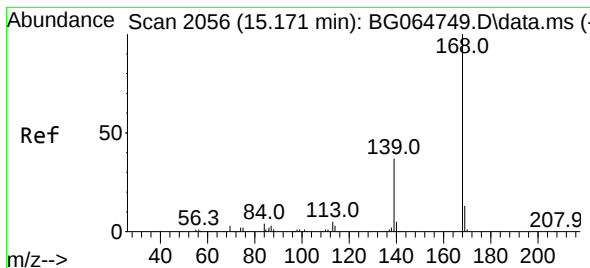


#54
2,4-Dinitrophenol
Concen: 41.550 ng
RT: 14.868 min Scan# 2005
Delta R.T. -0.003 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



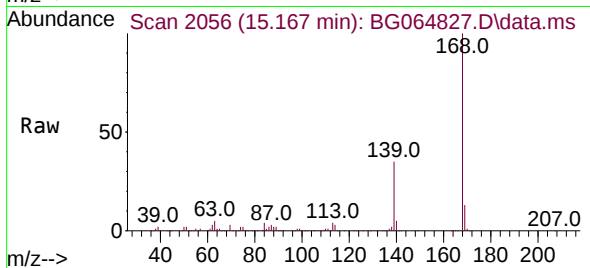
Tgt Ion:184 Resp: 62904
Ion Ratio Lower Upper
184 100
63 59.0 45.8 68.6
154 62.6 52.6 78.8





#55
Dibenzofuran
Concen: 39.834 ng
RT: 15.167 min Scan# 2056
Delta R.T. -0.003 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

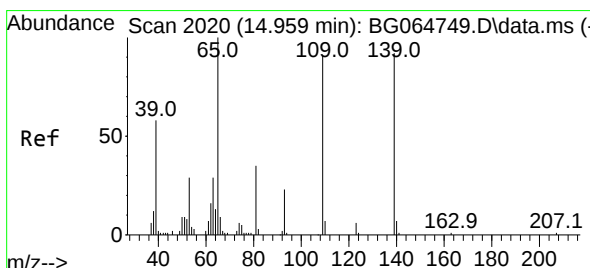
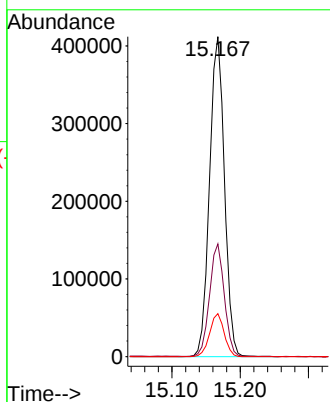
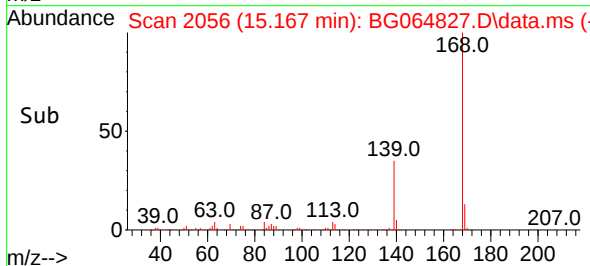
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



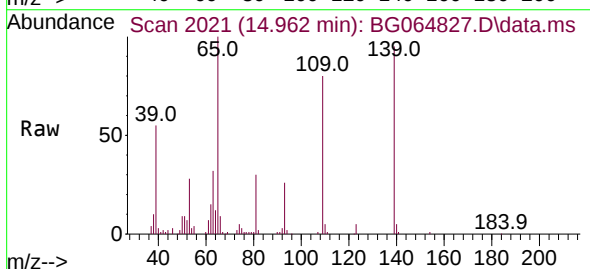
Tgt Ion:168 Resp: 62445
Ion Ratio Lower Upper
168 100
139 35.2 29.5 44.3
169 13.4 10.4 15.6

Manual Integrations
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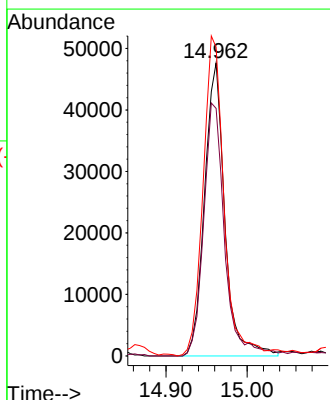
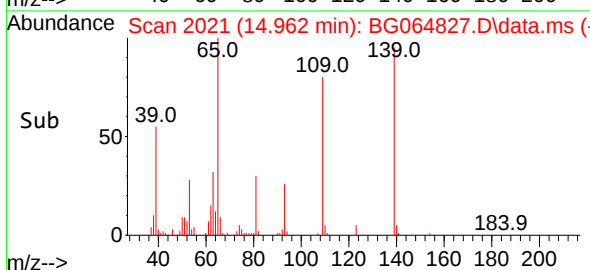
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

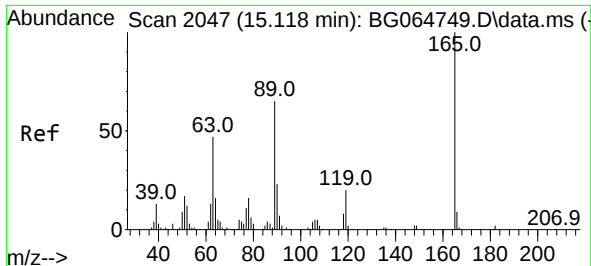


#56
4-Nitrophenol
Concen: 42.499 ng
RT: 14.962 min Scan# 2021
Delta R.T. 0.002 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



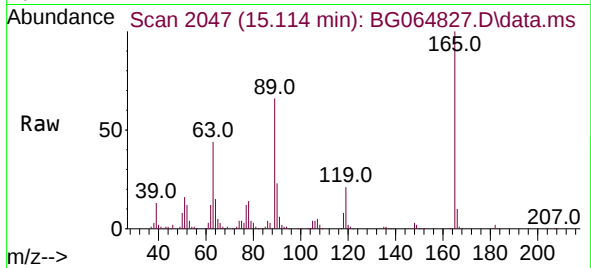
Tgt Ion:139 Resp: 82757
Ion Ratio Lower Upper
139 100
109 84.4 79.7 119.7
65 105.3 89.9 129.9





#57
2,4-Dinitrotoluene
Concen: 43.385 ng
RT: 15.114 min Scan# 2047
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

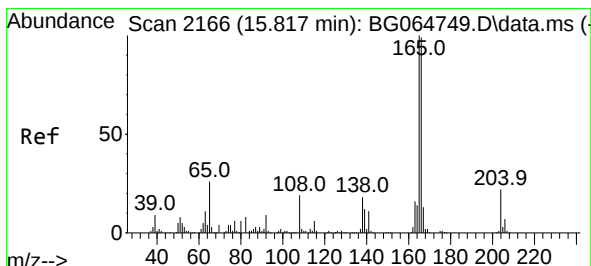
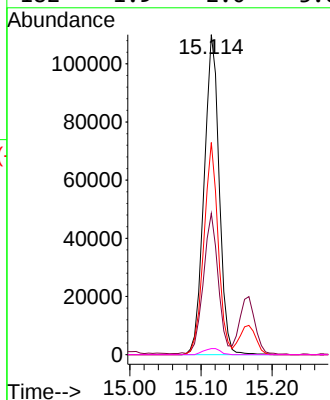
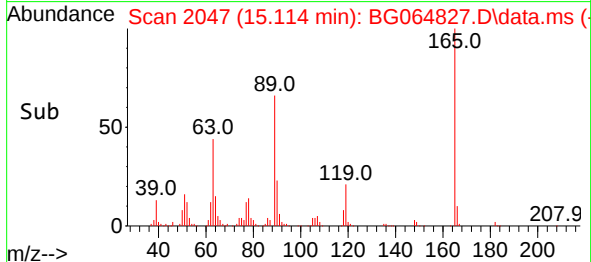
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 16174
Ion Ratio Lower Upper
165 100
63 44.1 37.8 56.6
89 66.3 51.6 77.4
182 1.9 2.0 3.0#

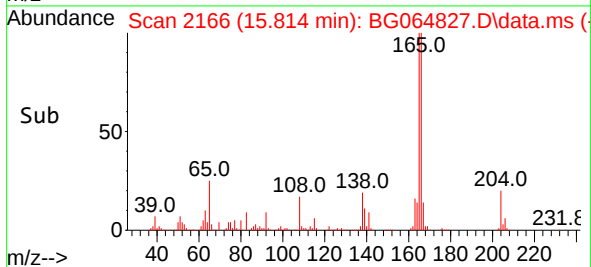
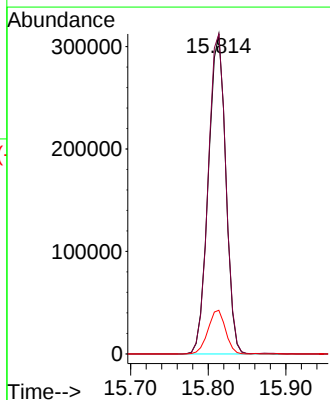
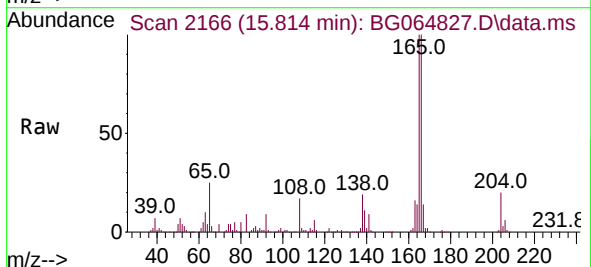
Manual Integrations
APPROVED

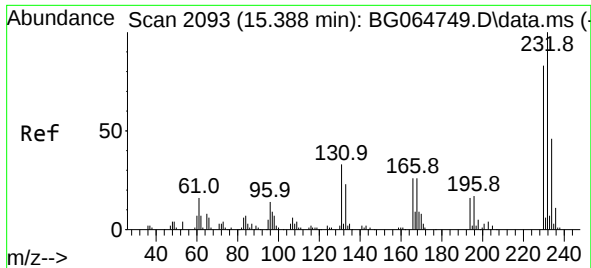
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#58
Fluorene
Concen: 39.487 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Tgt Ion:166 Resp: 485494
Ion Ratio Lower Upper
166 100
165 100.1 80.5 120.7
167 13.6 10.3 15.5





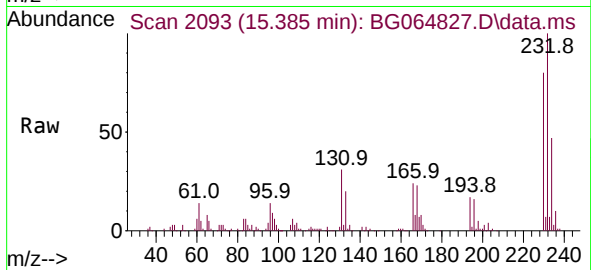
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.831 ng
RT: 15.385 min Scan# 2093
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

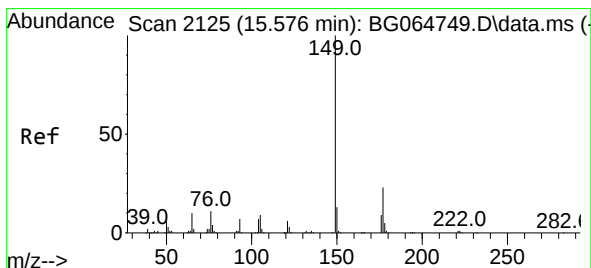
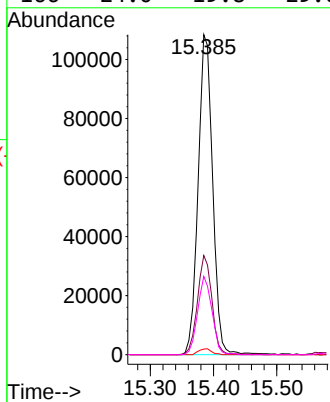
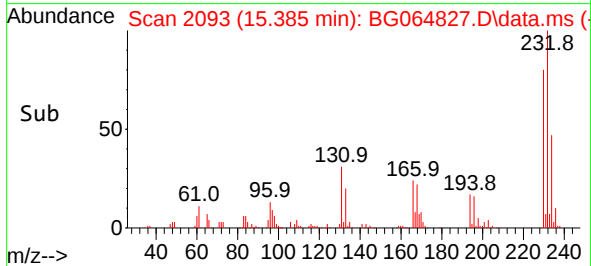


Tgt Ion:232 Resp: 172971
Ion Ratio Lower Upper
232 100
131 30.8 26.0 39.0
130 1.6 1.6 2.4
166 24.0 19.8 29.6

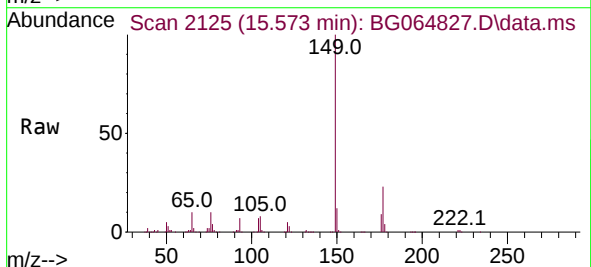
Manual Integrations

APPROVED

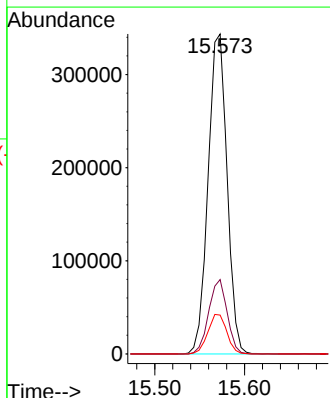
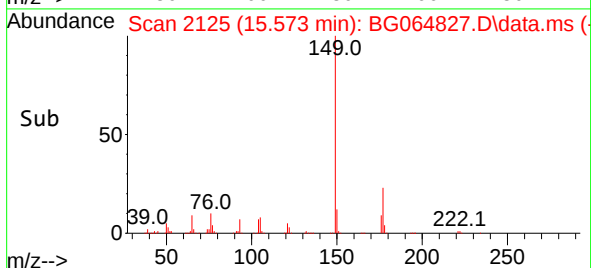
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

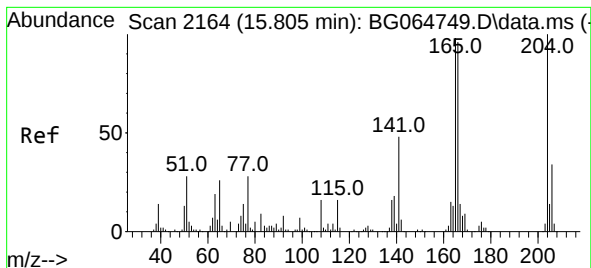


#60
Diethylphthalate
Concen: 40.860 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



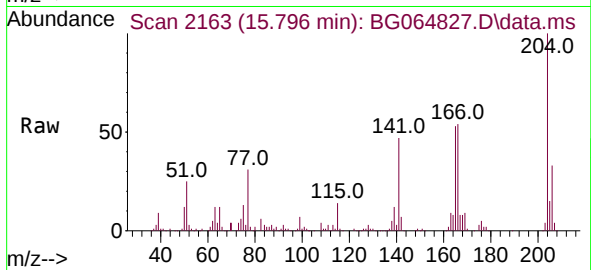
Tgt Ion:149 Resp: 505831
Ion Ratio Lower Upper
149 100
177 23.2 18.4 27.6
150 12.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.208 ng
RT: 15.796 min Scan# 2163
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

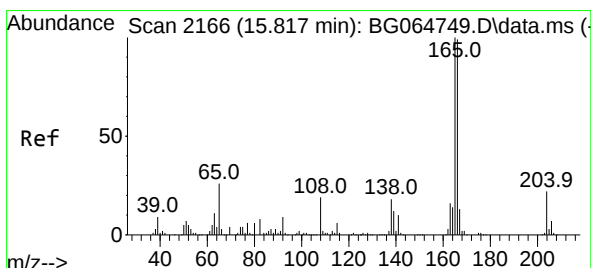
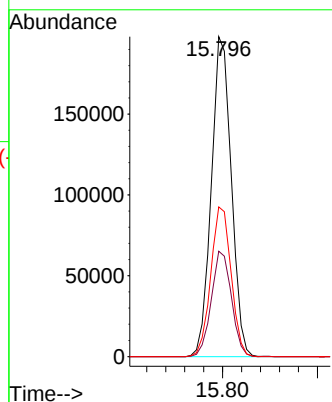
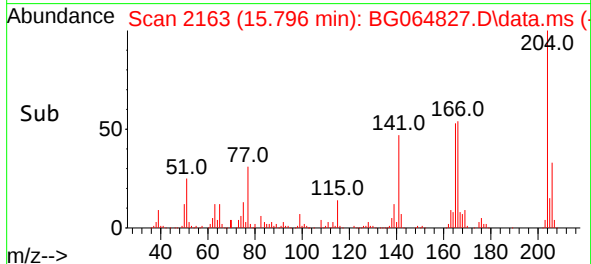
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



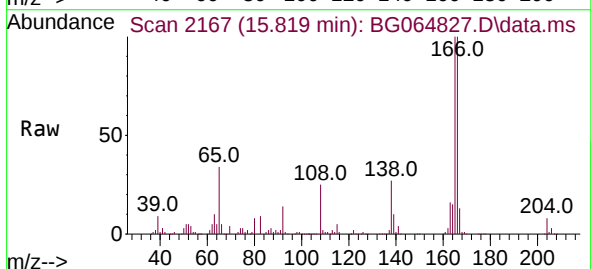
Tgt Ion:204 Resp: 28930
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 46.8 38.1 57.1

Manual Integrations
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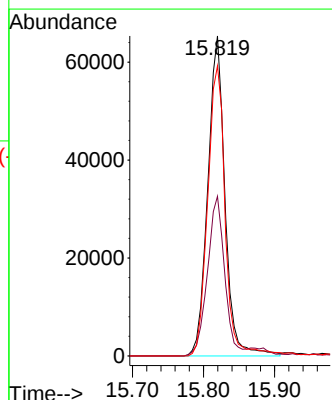
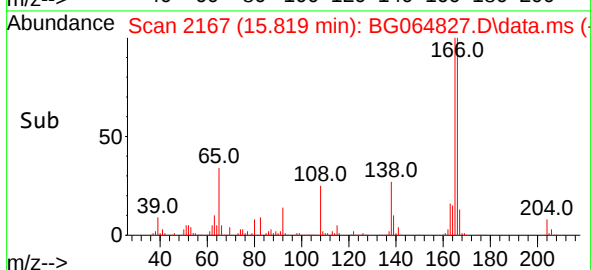
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

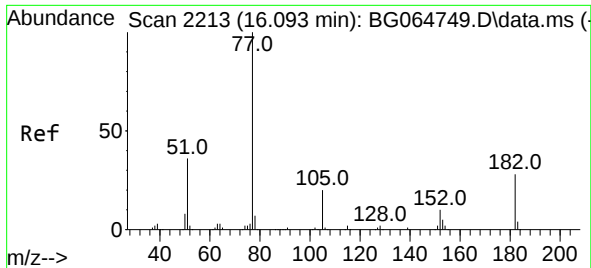


#62
4-Nitroaniline
Concen: 43.146 ng
RT: 15.819 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



Tgt Ion:138 Resp: 109704
Ion Ratio Lower Upper
138 100
92 49.9 30.7 70.7
108 90.6 85.7 125.7





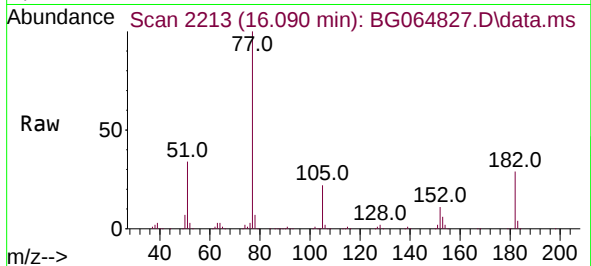
#63
Azobenzene
Concen: 40.319 ng
RT: 16.090 min Scan# 2213
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

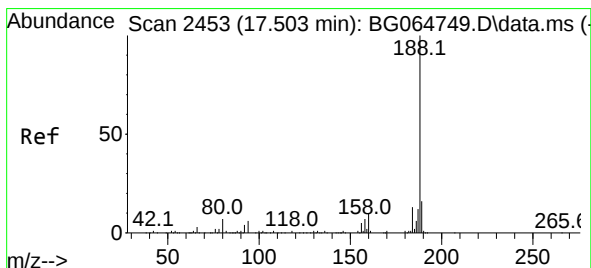
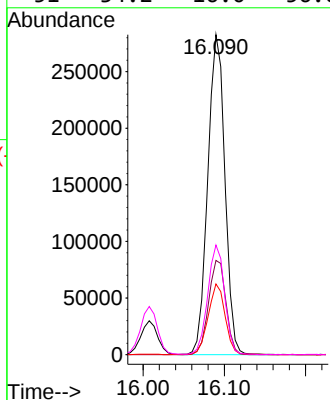
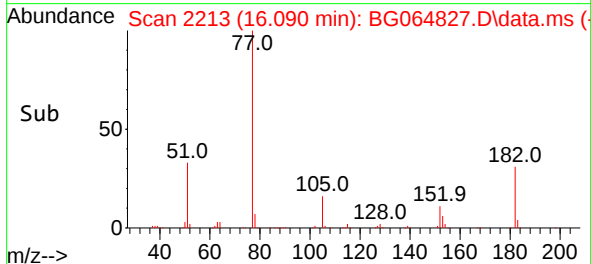


Tgt Ion: 77 Resp: 415165
Ion Ratio Lower Upper
77 100
182 29.4 8.1 48.1
105 22.1 0.1 40.1
51 34.2 16.0 56.0

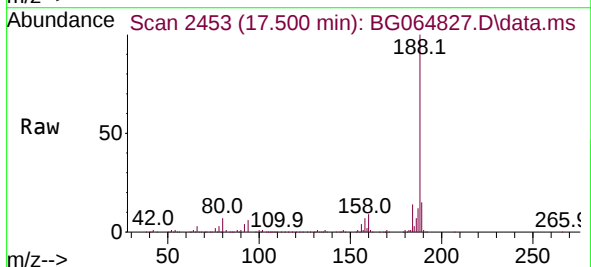
Manual Integrations

APPROVED

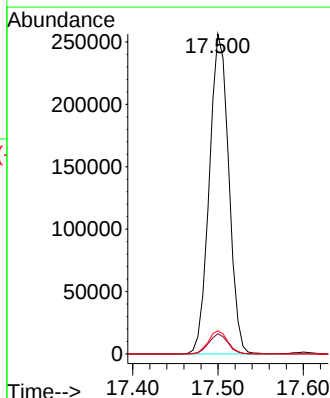
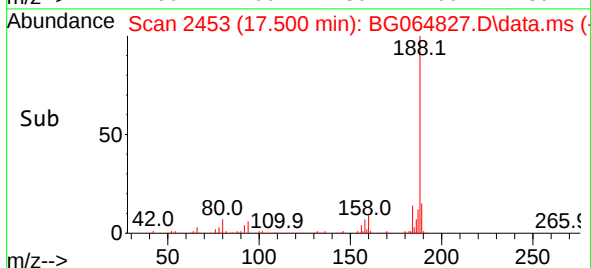
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

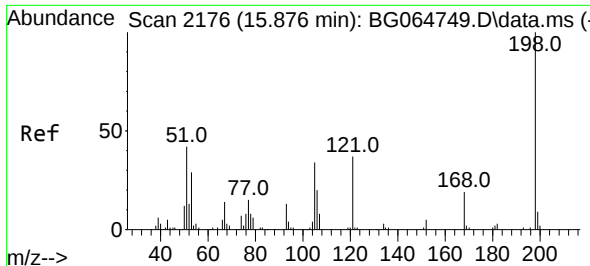


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



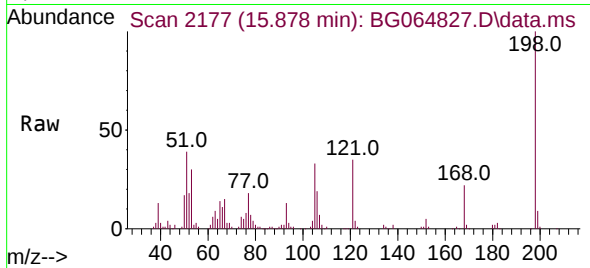
Tgt Ion:188 Resp: 405608
Ion Ratio Lower Upper
188 100
94 6.3 4.7 7.1
80 7.2 5.4 8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 45.850 ng
RT: 15.878 min Scan# 2176
Delta R.T. 0.002 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

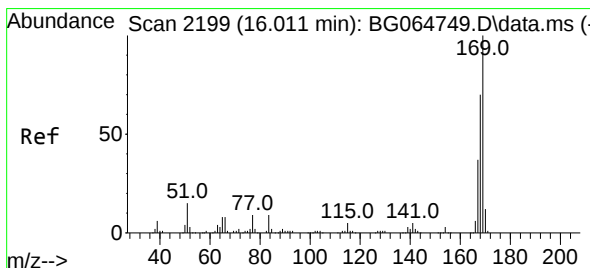
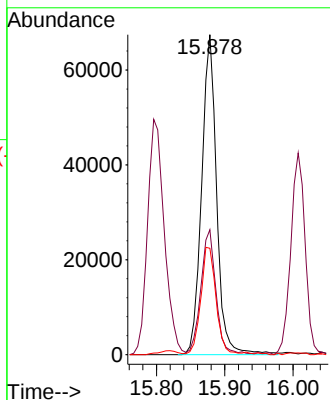
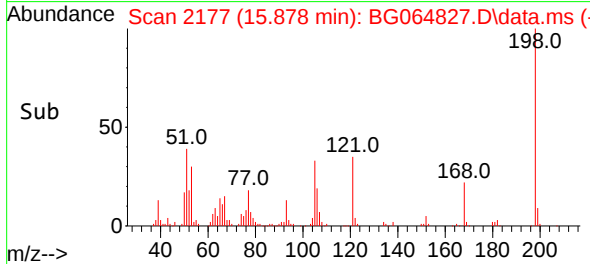
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 10325
Ion Ratio Lower Upper
198 100
51 39.0 25.2 65.2
105 33.2 14.2 54.2

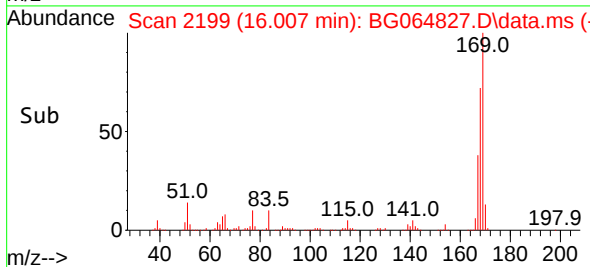
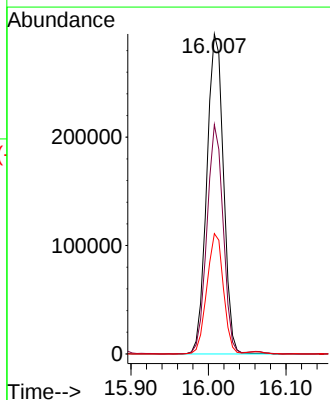
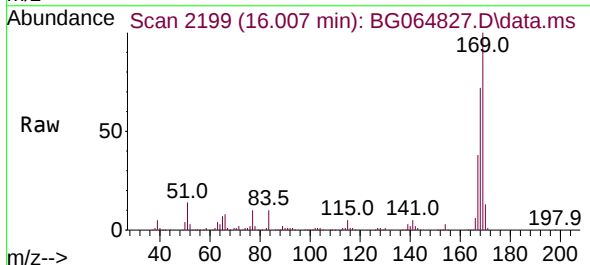
Manual Integrations
APPROVED

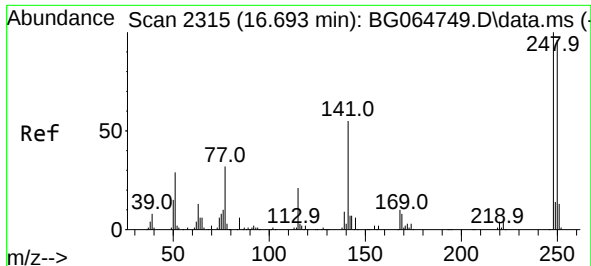
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#66
n-Nitrosodiphenylamine
Concen: 41.500 ng
RT: 16.007 min Scan# 2199
Delta R.T. -0.003 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

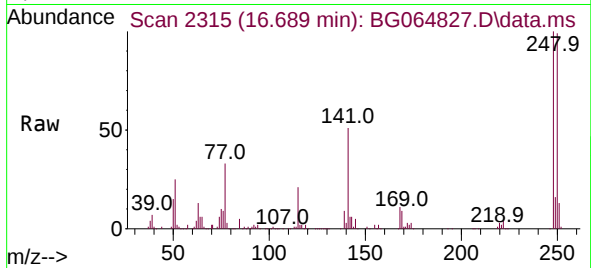
Tgt Ion:169 Resp: 440908
Ion Ratio Lower Upper
169 100
168 71.6 55.9 83.9
167 37.6 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 40.775 ng
RT: 16.689 min Scan# 2315
Delta R.T. -0.003 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

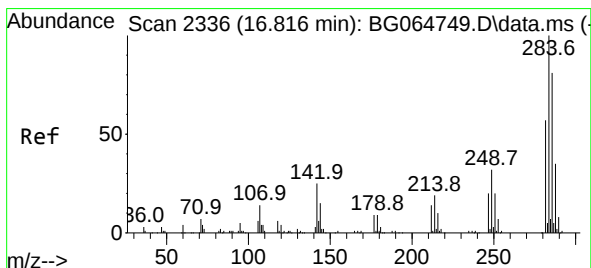
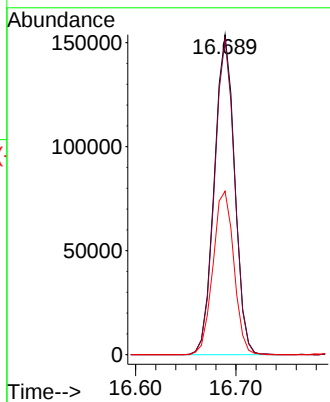
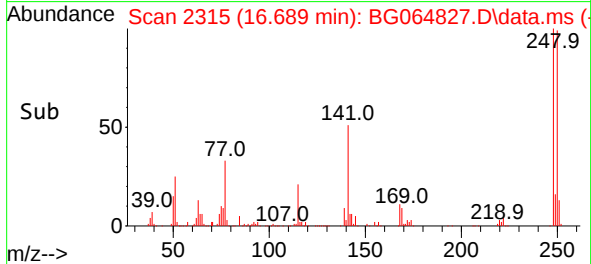
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



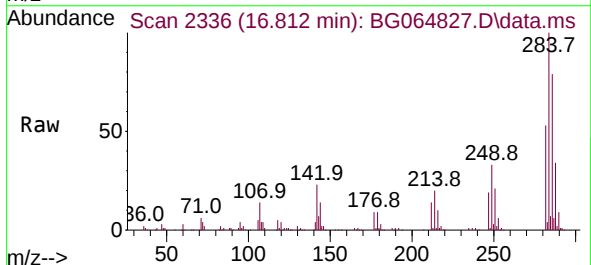
Tgt Ion:248 Resp: 217191
Ion Ratio Lower Upper
248 100
250 98.6 77.0 115.6
141 51.1 43.7 65.5

Manual Integrations
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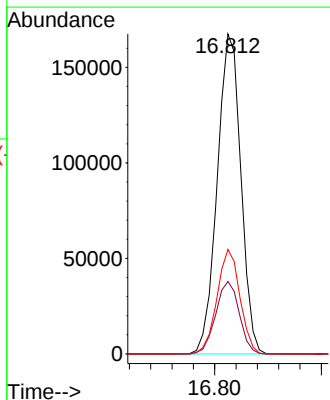
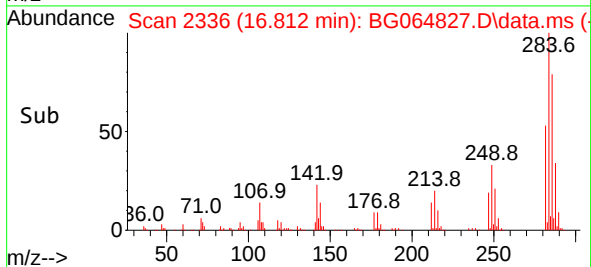
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

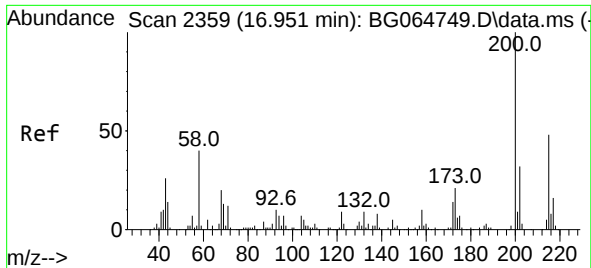


#68
Hexachlorobenzene
Concen: 39.960 ng
RT: 16.812 min Scan# 2336
Delta R.T. -0.003 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



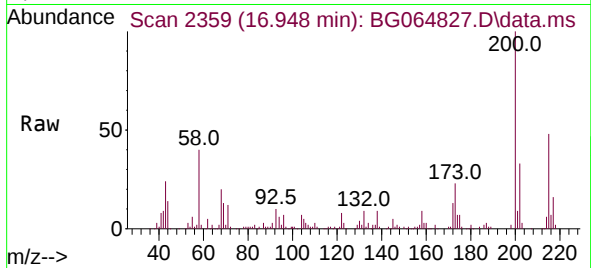
Tgt Ion:284 Resp: 257879
Ion Ratio Lower Upper
284 100
142 22.6 19.7 29.5
249 32.6 28.1 42.1





#69
 Atrazine
 Concen: 39.833 ng
 RT: 16.948 min Scan# 2359
 Delta R.T. -0.003 min
 Lab File: BG064827.D
 Acq: 20 Nov 2025 10:00

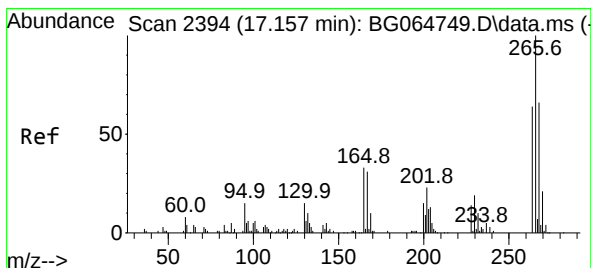
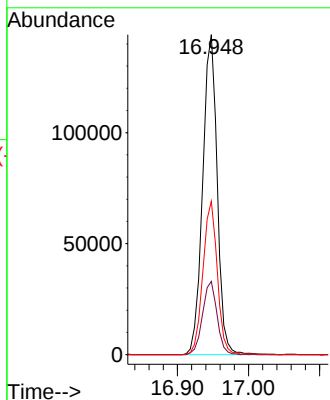
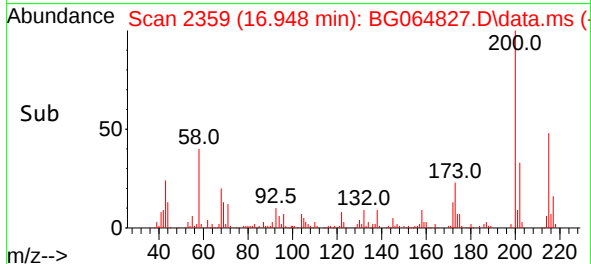
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



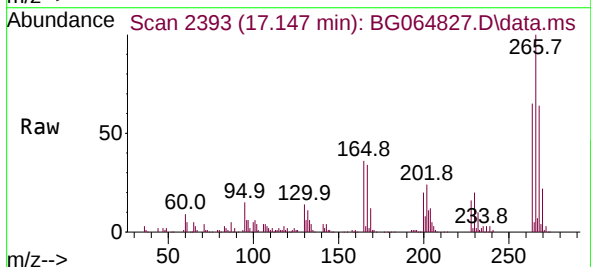
Tgt Ion:200 Resp: 204034
 Ion Ratio Lower Upper
 200 100
 173 22.9 0.9 40.9
 215 47.9 27.5 67.5

Manual Integrations
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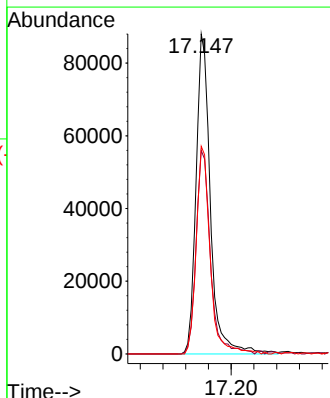
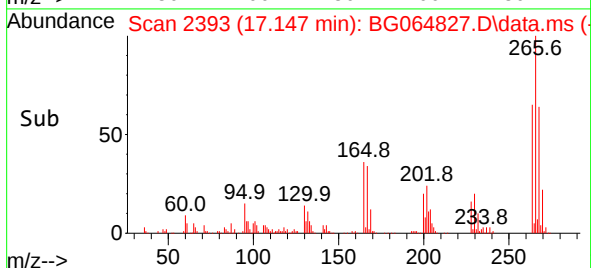
Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

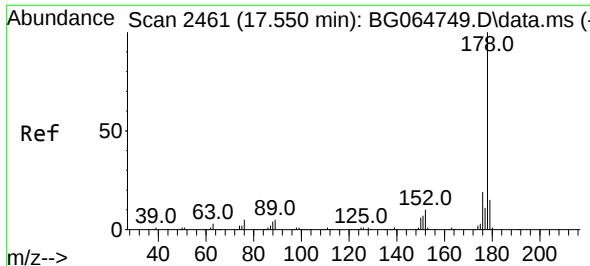


#70
 Pentachlorophenol
 Concen: 43.278 ng
 RT: 17.147 min Scan# 2393
 Delta R.T. -0.010 min
 Lab File: BG064827.D
 Acq: 20 Nov 2025 10:00



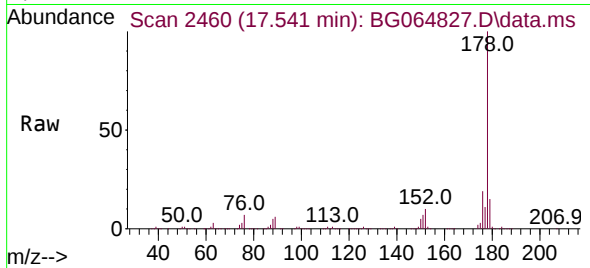
Tgt Ion:266 Resp: 153612
 Ion Ratio Lower Upper
 266 100
 268 67.5 56.1 84.1
 264 64.9 51.2 76.8





#71
Phenanthrene
Concen: 39.637 ng
RT: 17.541 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

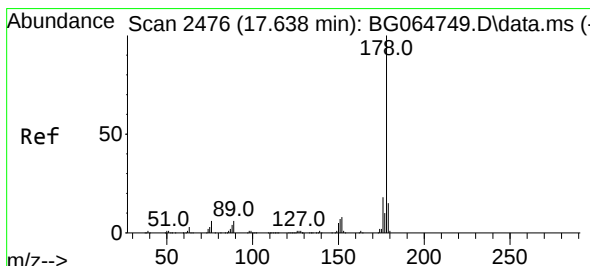
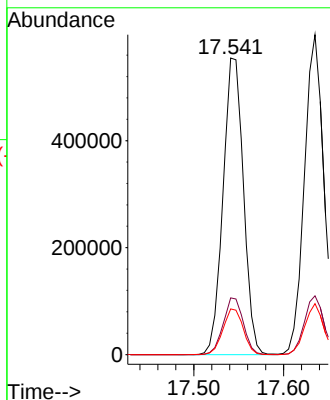
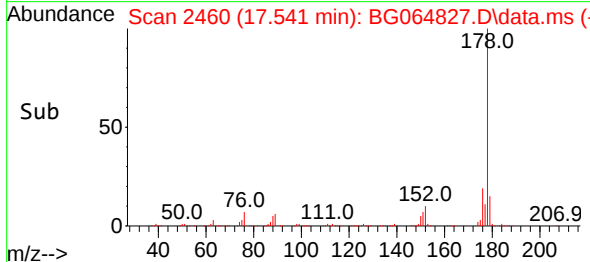
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



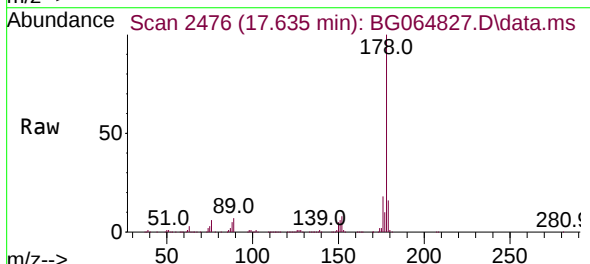
Tgt Ion:178 Resp: 879641
Ion Ratio Lower Upper
178 100
176 19.1 14.8 22.2
179 15.4 12.2 18.4

Manual Integrations
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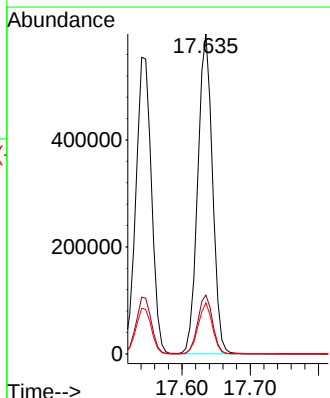
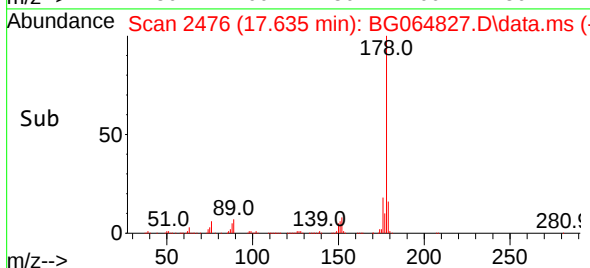
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

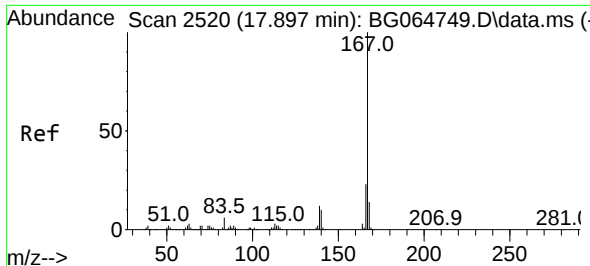


#72
Anthracene
Concen: 39.541 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



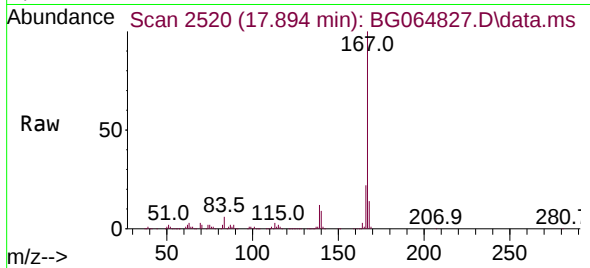
Tgt Ion:178 Resp: 894765
Ion Ratio Lower Upper
178 100
176 18.4 14.5 21.7
179 15.9 12.2 18.4





#73
 Carbazole
 Concen: 39.879 ng
 RT: 17.894 min Scan# 2520
 Delta R.T. -0.004 min
 Lab File: BG064827.D
 Acq: 20 Nov 2025 10:00

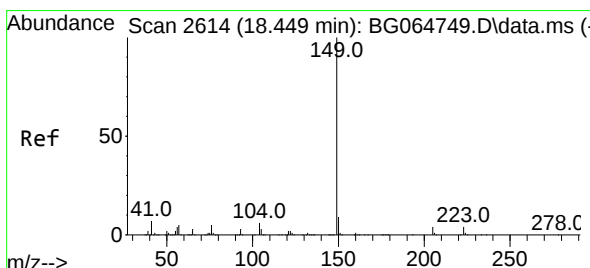
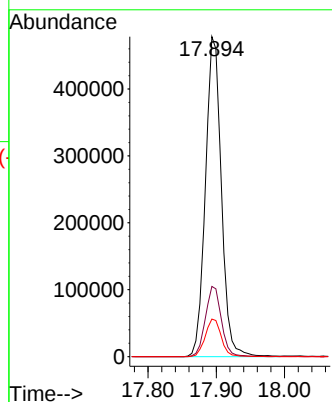
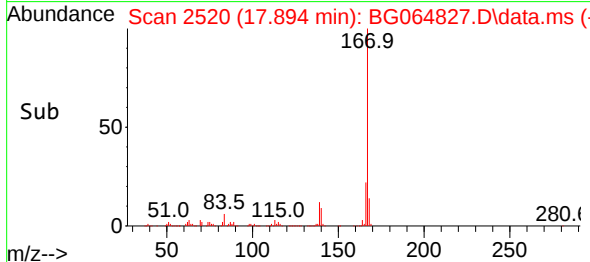
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



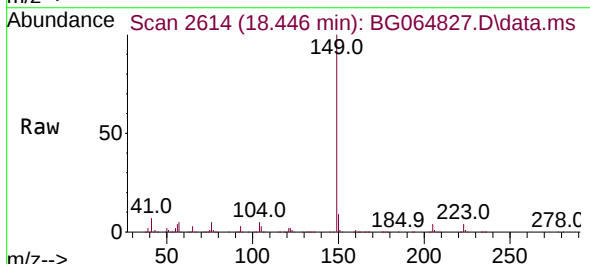
Tgt Ion:167 Resp: 775772
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 11.7 9.7 14.5

Manual Integrations
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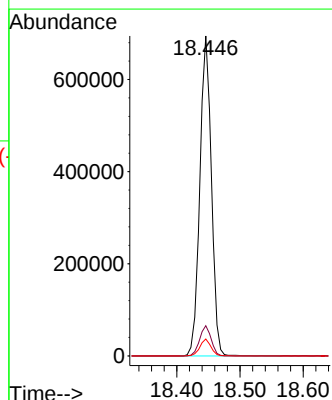
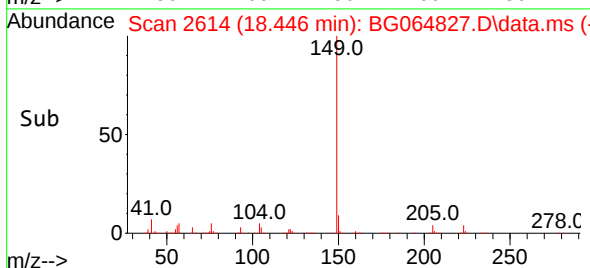
Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

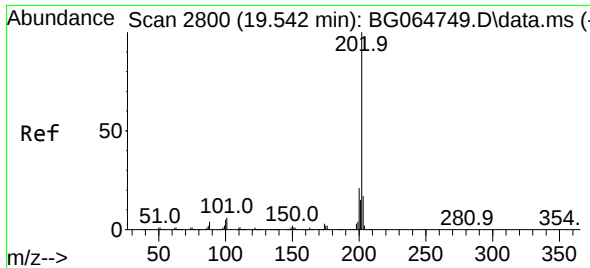


#74
 Di-n-butylphthalate
 Concen: 40.584 ng
 RT: 18.446 min Scan# 2614
 Delta R.T. -0.004 min
 Lab File: BG064827.D
 Acq: 20 Nov 2025 10:00



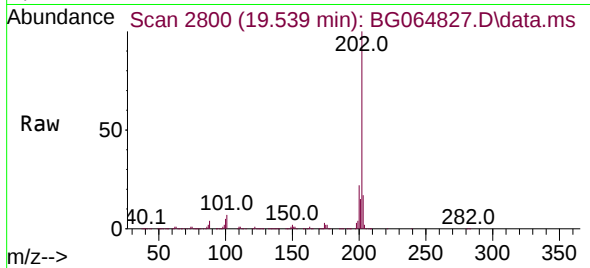
Tgt Ion:149 Resp: 880800
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 37.895 ng
RT: 19.539 min Scan# 2800
Delta R.T. -0.003 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

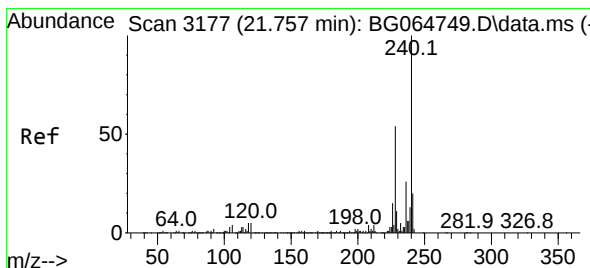
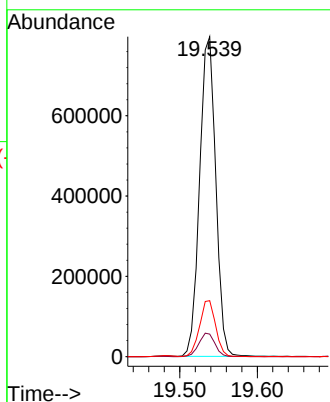
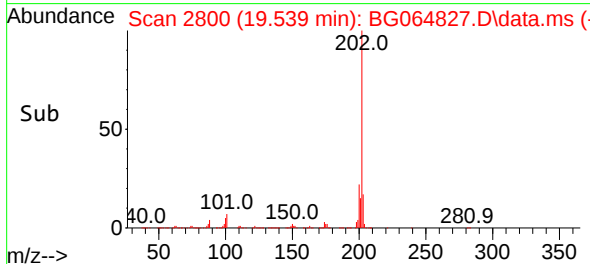
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 1149980
Ion Ratio Lower Upper
202 100
101 7.0 0.0 26.4
203 17.5 0.0 37.5

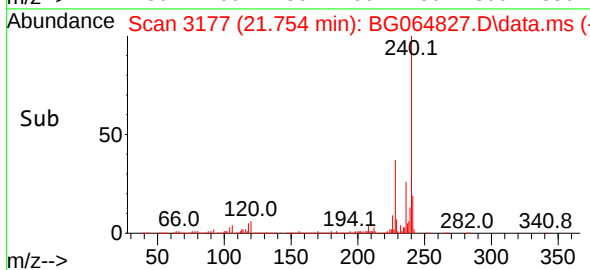
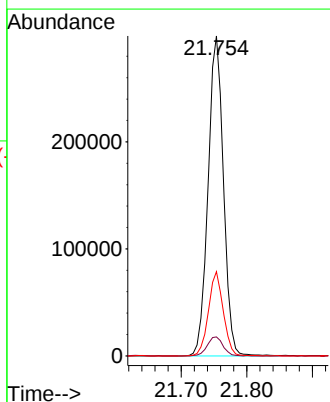
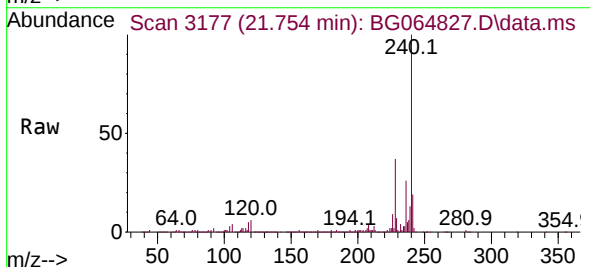
Manual Integrations
APPROVED

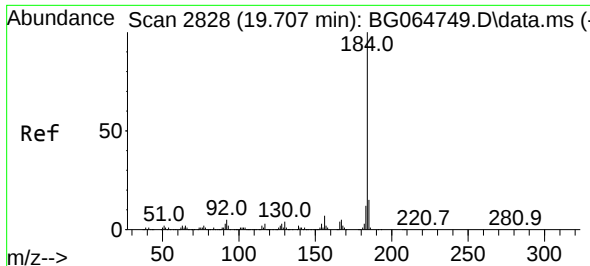
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3177
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Tgt Ion:240 Resp: 486096
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.4
236 26.3 20.8 31.2





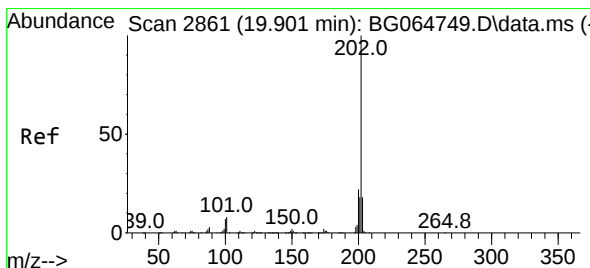
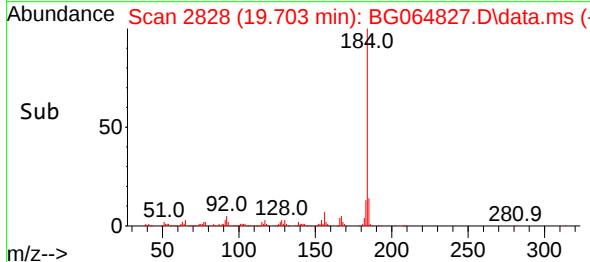
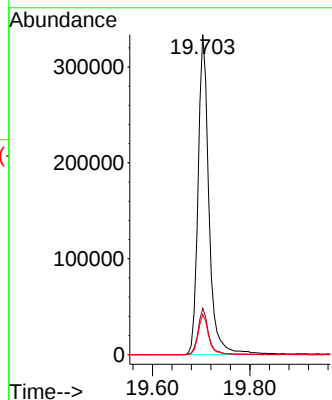
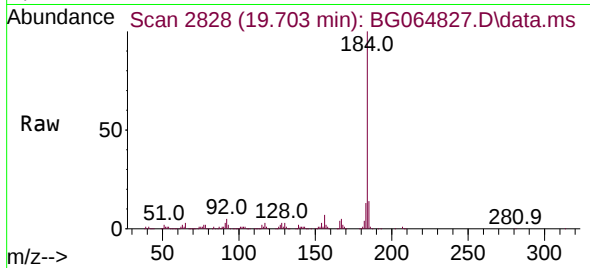
#77
Benzidine
Concen: 35.365 ng
RT: 19.703 min Scan# 2828
Delta R.T. -0.003 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 514843
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.6
183 12.5 9.8 14.6

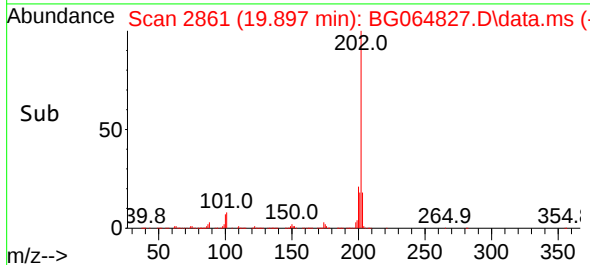
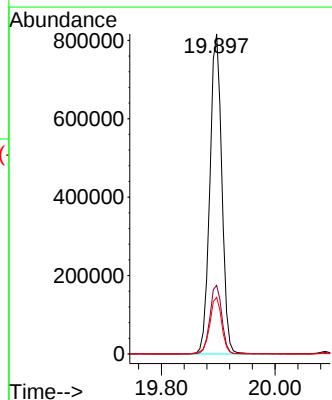
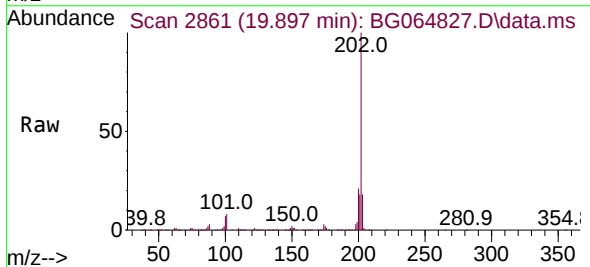
Manual Integrations
APPROVED

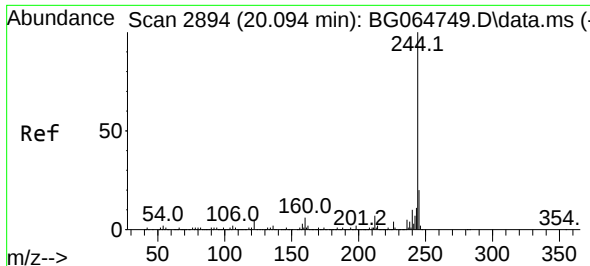
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#78
Pyrene
Concen: 43.823 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Tgt Ion:202 Resp: 1193891
Ion Ratio Lower Upper
202 100
200 21.4 17.9 26.9
203 17.7 14.0 21.0





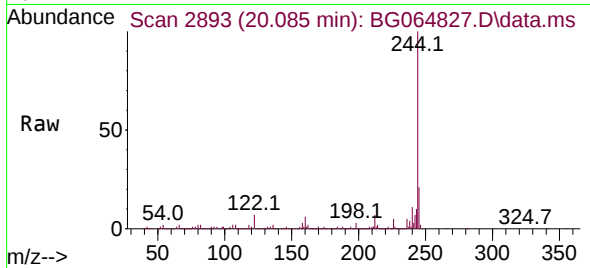
#79
 Terphenyl-d14
 Concen: 83.002 ng
 RT: 20.085 min Scan# 2894
 Delta R.T. -0.009 min
 Lab File: BG064827.D
 Acq: 20 Nov 2025 10:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

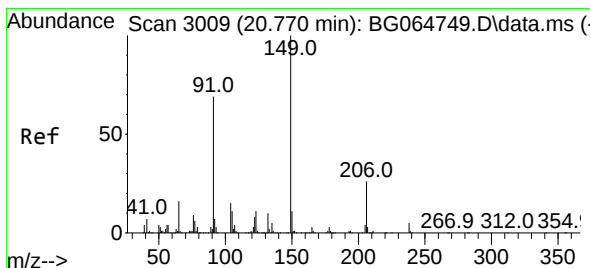
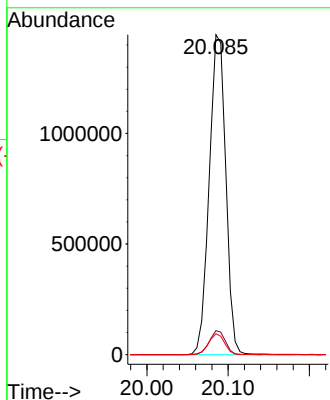
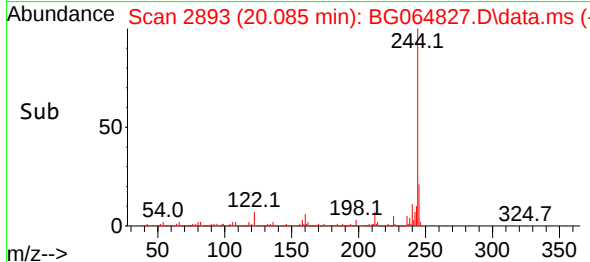


Tgt Ion:244 Resp: 2051098
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 6.5 4.3 6.5

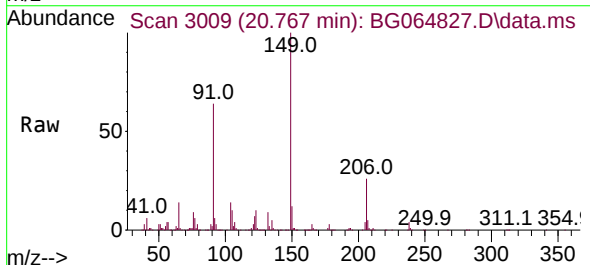
Manual Integrations

APPROVED

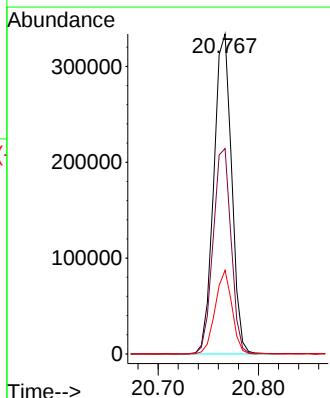
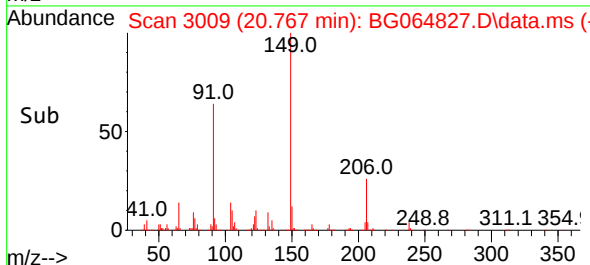
Reviewed By :Jagrut Upadhyay 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

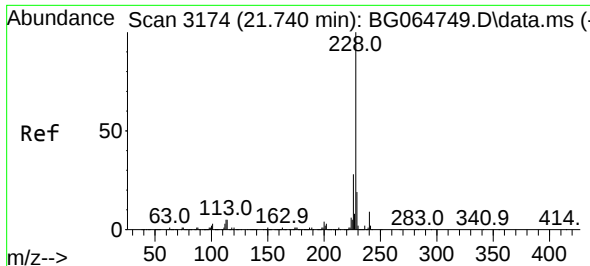


#80
 Butylbenzylphthalate
 Concen: 43.167 ng
 RT: 20.767 min Scan# 3009
 Delta R.T. -0.003 min
 Lab File: BG064827.D
 Acq: 20 Nov 2025 10:00



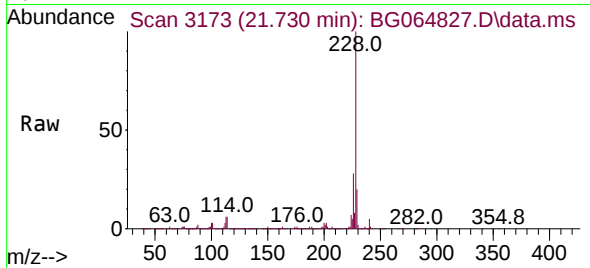
Tgt Ion:149 Resp: 413649
 Ion Ratio Lower Upper
 149 100
 91 64.2 54.9 82.3
 206 26.2 21.2 31.8





#81
Benzo(a)anthracene
Concen: 39.207 ng
RT: 21.730 min Scan# 3174
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

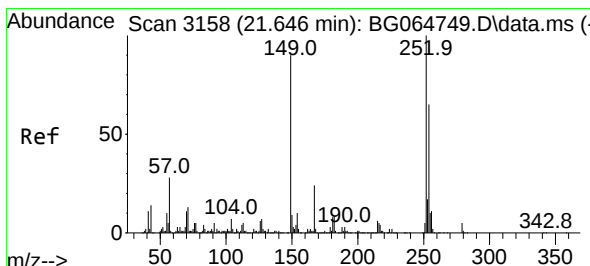
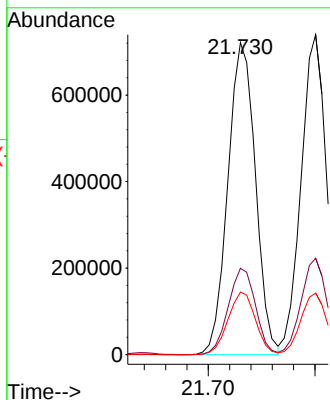
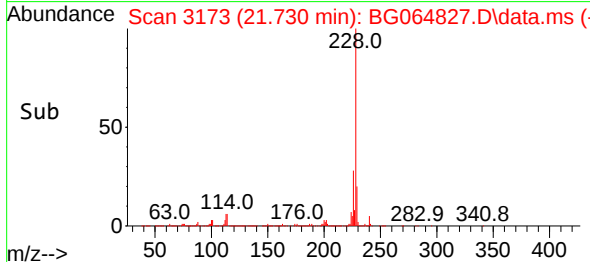
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 1295908
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.0 15.5 23.3

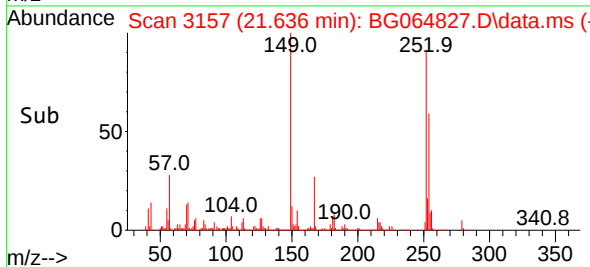
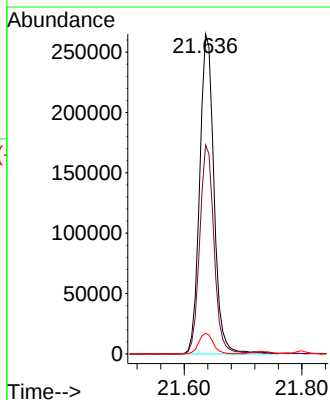
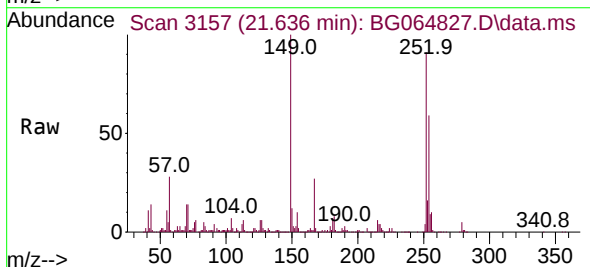
Manual Integrations
APPROVED

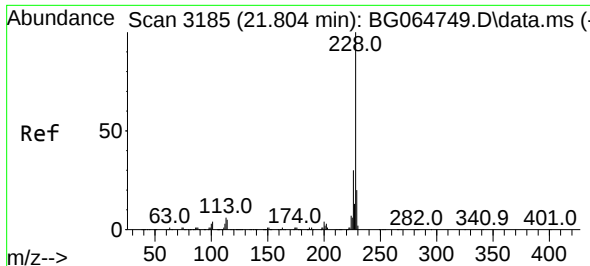
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#82
3,3'-Dichlorobenzidine
Concen: 36.869 ng
RT: 21.636 min Scan# 3157
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

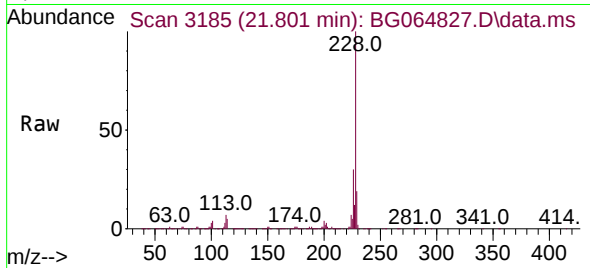
Tgt Ion:252 Resp: 448537
Ion Ratio Lower Upper
252 100
254 65.3 51.8 77.8
126 6.4 4.7 7.1





#83
Chrysene
Concen: 39.734 ng
RT: 21.801 min Scan# 3185
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

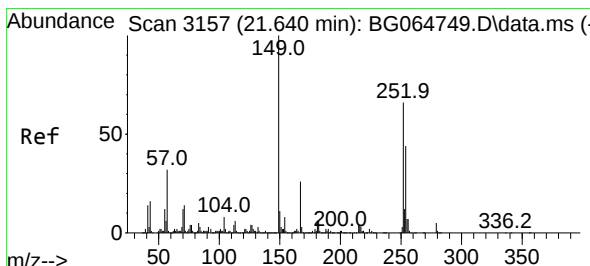
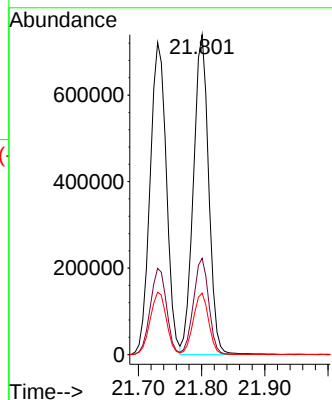
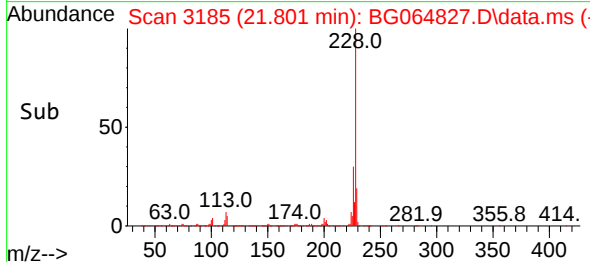
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 1238168
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.2 16.0 24.0

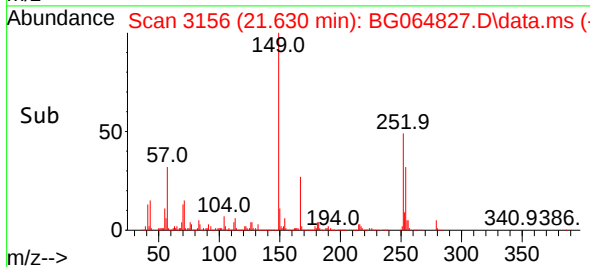
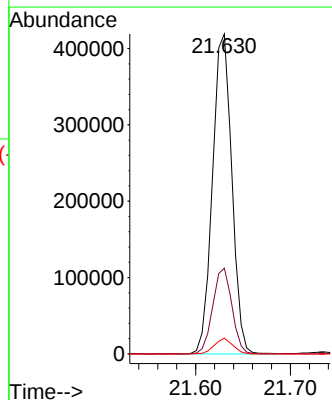
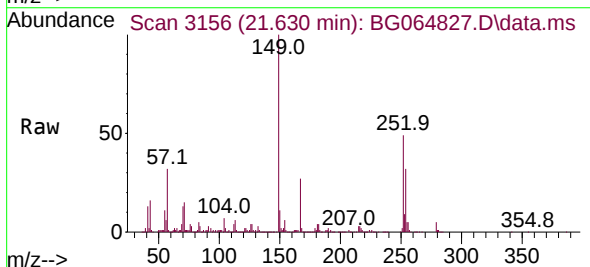
Manual Integrations
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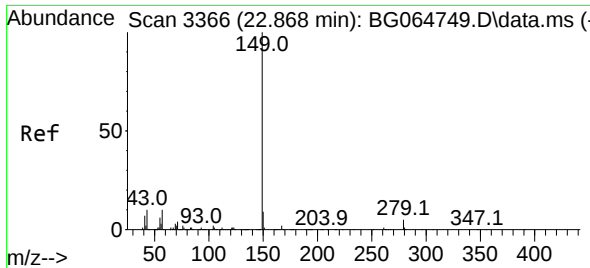
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.391 ng
RT: 21.630 min Scan# 3156
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Tgt Ion:149 Resp: 593585
Ion Ratio Lower Upper
149 100
167 26.8 21.0 31.4
279 4.9 4.1 6.1





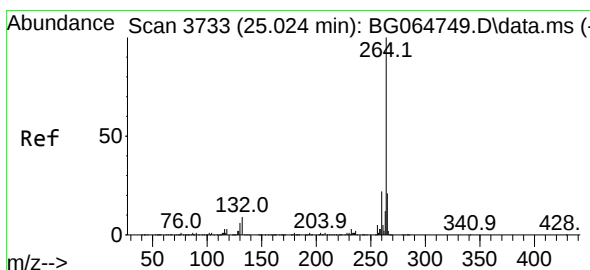
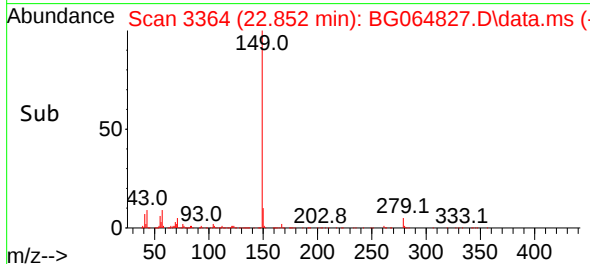
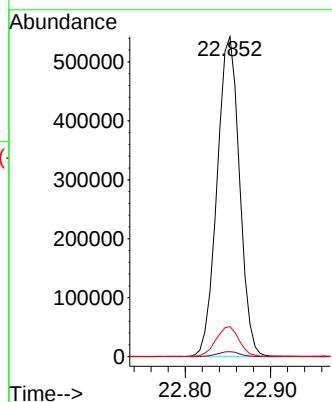
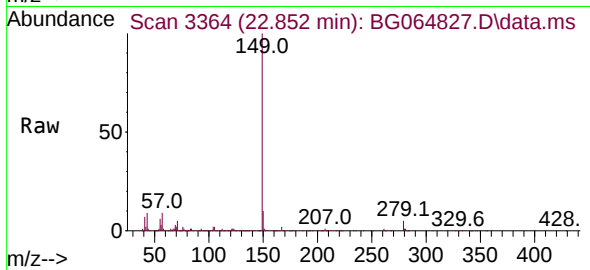
#85
Di-n-octyl phthalate
Concen: 40.883 ng
RT: 22.852 min Scan# 3366
Delta R.T. -0.015 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 989560
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 8.3 12.5

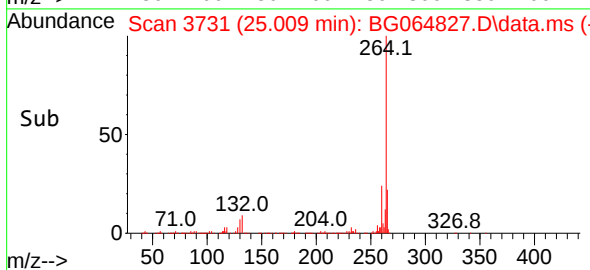
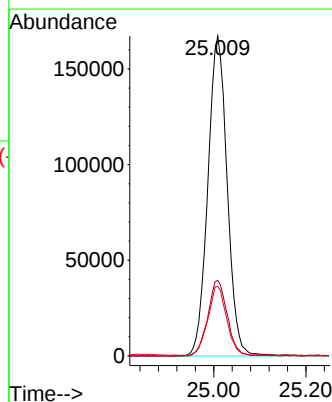
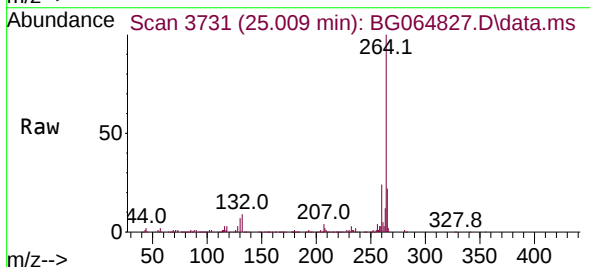
Manual Integrations
APPROVED

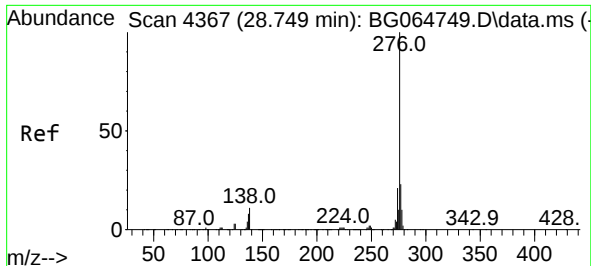
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.009 min Scan# 3731
Delta R.T. -0.015 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

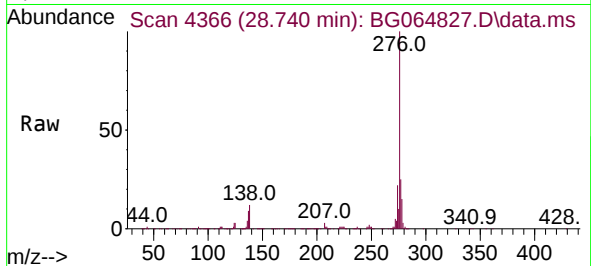
Tgt Ion:264 Resp: 485261
Ion Ratio Lower Upper
264 100
260 23.6 17.2 25.8
265 21.7 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.775 ng
RT: 28.740 min Scan# 4367
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

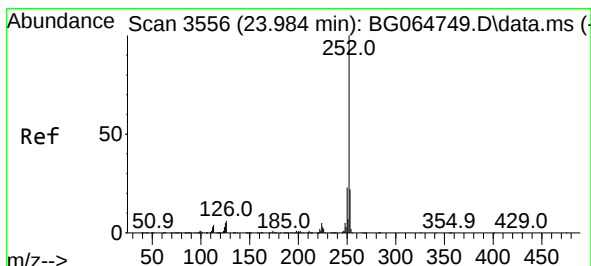
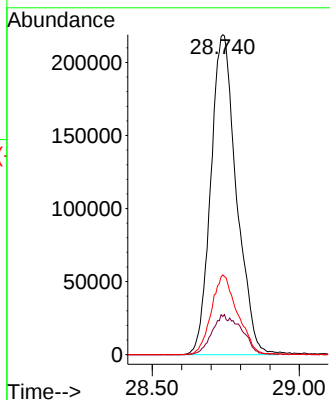
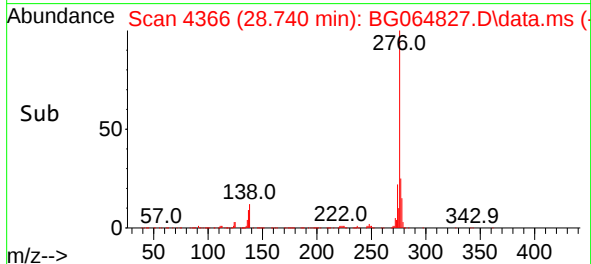
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



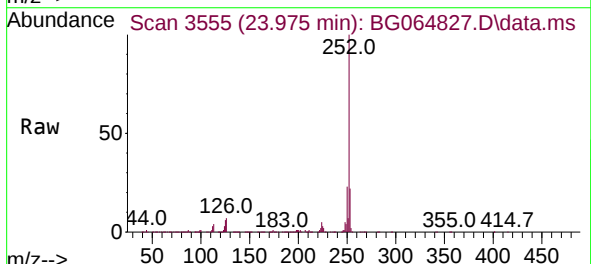
Tgt Ion:276 Resp: 1326056
Ion Ratio Lower Upper
276 100
138 7.6 4.5 6.7
277 25.3 20.0 30.0

Manual Integrations
APPROVED

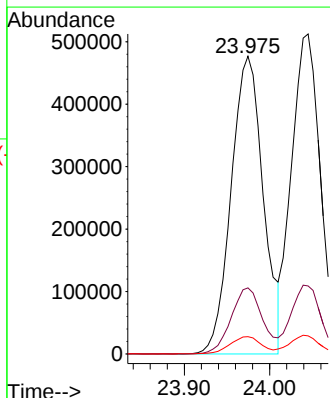
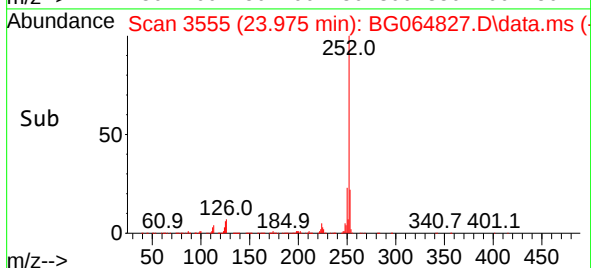
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

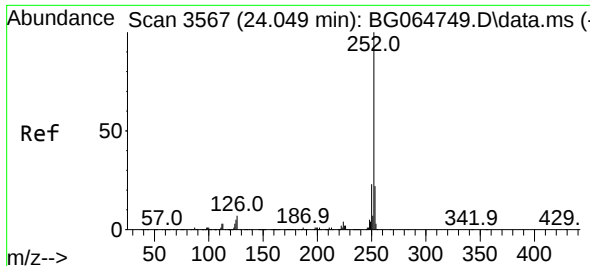


#88
Benzo(b)fluoranthene
Concen: 40.444 ng
RT: 23.975 min Scan# 3555
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



Tgt Ion:252 Resp: 1248969
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 5.8 4.2 6.2





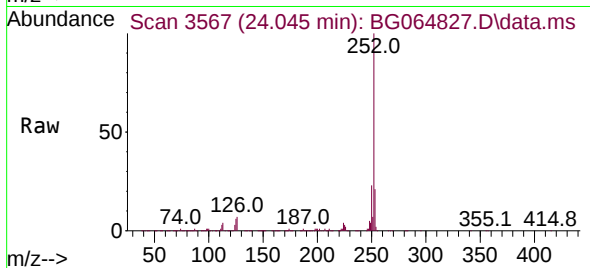
#89
Benzo(k)fluoranthene
Concen: 39.051 ng
RT: 24.045 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

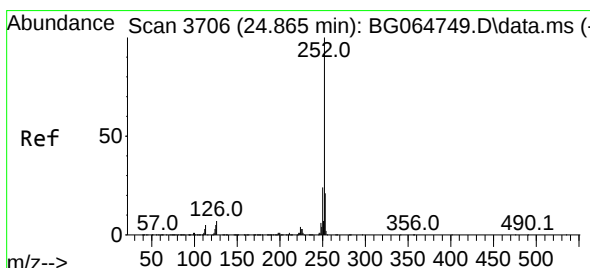
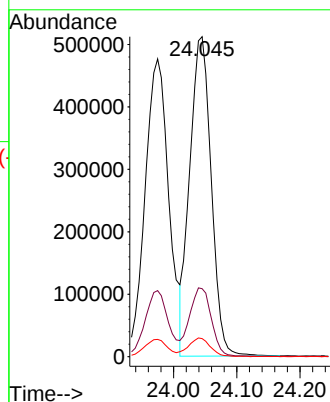
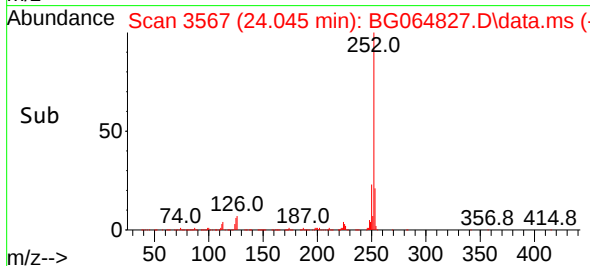


Tgt Ion:252 Resp: 1211549
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 5.6 4.1 6.1

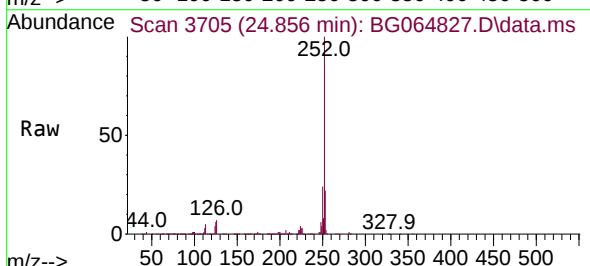
Manual Integrations

APPROVED

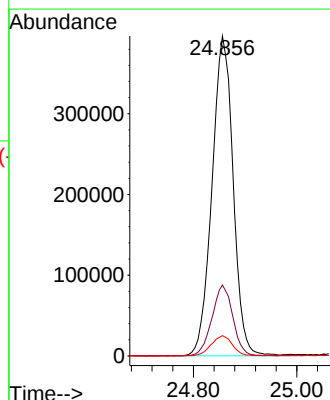
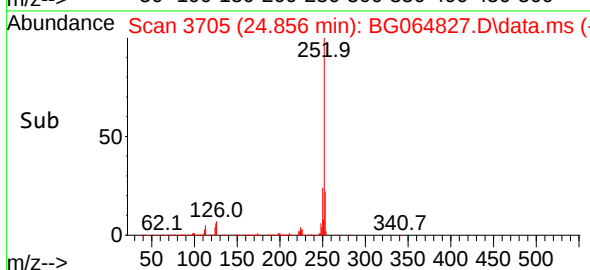
Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

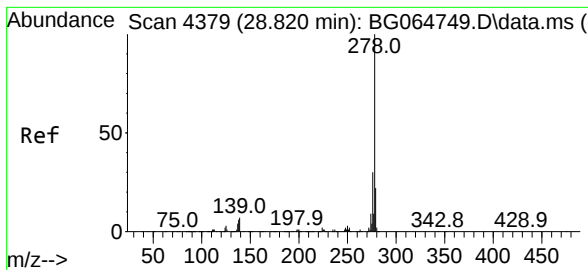


#90
Benzo(a)pyrene
Concen: 39.247 ng
RT: 24.856 min Scan# 3705
Delta R.T. -0.009 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00



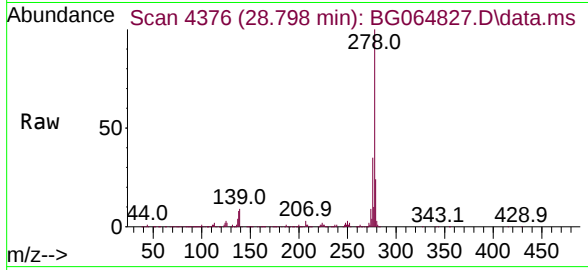
Tgt Ion:252 Resp: 1124298
Ion Ratio Lower Upper
252 100
253 22.2 16.9 25.3
125 6.3 4.2 6.4





#91
Dibenzo(a,h)anthracene
Concen: 40.395 ng
RT: 28.798 min Scan# 4379
Delta R.T. -0.021 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

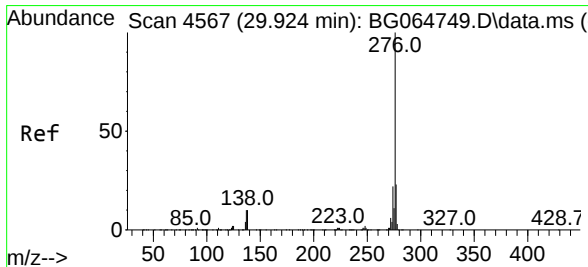
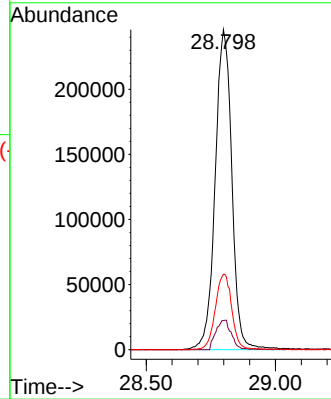
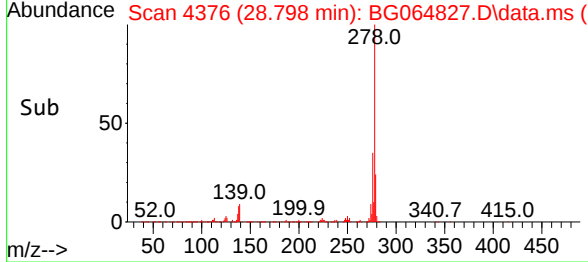
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 1103276
Ion Ratio Lower Upper
278 100
139 9.1 5.8 8.8
279 23.5 17.3 25.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#92
Benzo(g,h,i)perylene
Concen: 40.107 ng
RT: 29.903 min Scan# 4564
Delta R.T. -0.021 min
Lab File: BG064827.D
Acq: 20 Nov 2025 10:00

Tgt Ion:276 Resp: 1054214
Ion Ratio Lower Upper
276 100
277 23.9 18.0 27.0
138 12.1 8.2 12.2

