

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
 Data File : BG064504.D
 Acq On : 14 Oct 2025 17:33
 Operator : RC/JU
 Sample : Q3321-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-DS-01MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
 Supervised By :mohammad ahmed 10/17/2025

Quant Time: Oct 14 18:09:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.827	152	18700	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	74842	20.000	ng	# 0.00
39) Acenaphthene-d10	14.449	164	54190	20.000	ng	0.00
64) Phenanthrene-d10	17.187	188	131474	20.000	ng	# 0.00
76) Chrysene-d12	21.411	240	145515	20.000	ng	# 0.00
86) Perylene-d12	24.390	264	163866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.418	112	143572	142.089	ng	0.01
7) Phenol-d6	7.005	99	177557	130.762	ng	0.02
23) Nitrobenzene-d5	8.979	82	134529	96.652	ng	0.01
42) 2,4,6-Tribromophenol	15.941	330	152095	154.840	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	354768	96.499	ng	0.00
79) Terphenyl-d14	19.807	244	754547	98.133	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.338	88	16913	42.317	ng	# 76
3) Pyridine	3.732	79	41672	38.796	ng	94
4) n-Nitrosodimethylamine	3.638	42	39947	51.301	ng	92
6) Aniline	7.151	93	56182	32.801	ng	96
8) 2-Chlorophenol	7.392	128	63464	51.149	ng	97
9) Benzaldehyde	6.963	77	17443	14.471	ng	99
10) Phenol	7.028	94	66364	46.330	ng	94
11) bis(2-Chloroethyl)ether	7.251	93	46978	48.428	ng	94
12) 1,3-Dichlorobenzene	7.715	146	67831	49.975	ng	96
13) 1,4-Dichlorobenzene	7.856	146	70354	51.646	ng	94
14) 1,2-Dichlorobenzene	8.174	146	66336	49.410	ng	95
15) Benzyl Alcohol	8.062	79	62969	50.355	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.350	45	74567	47.688	ng	97
17) 2-Methylphenol	8.268	107	50993	49.162	ng	94
18) Hexachloroethane	8.902	117	25745	47.880	ng	97
19) n-Nitroso-di-n-propyla...	8.626	70	45077	49.638	ng	99
20) 3+4-Methylphenols	8.597	107	71074	49.103	ng	98
22) Acetophenone	8.644	105	105313	58.116	ng	# 96
24) Nitrobenzene	9.020	77	71121	51.239	ng	100
25) Isophorone	9.543	82	125909	49.933	ng	# 96
26) 2-Nitrophenol	9.725	139	34379	49.766	ng	92
27) 2,4-Dimethylphenol	9.795	122	60839	57.660	ng	93
28) bis(2-Chloroethoxy)met...	10.024	93	66400	51.660	ng	99
29) 2,4-Dichlorophenol	10.265	162	67146	55.032	ng	96
30) 1,2,4-Trichlorobenzene	10.477	180	71133	53.468	ng	98
31) Naphthalene	10.659	128	193912	50.315	ng	97
32) Benzoic acid	9.960	122	49061	60.562	ng	98
33) 4-Chloroaniline	10.771	127	21142	14.296	ng	94
34) Hexachlorobutadiene	10.947	225	57351	50.337	ng	96
35) Caprolactam	11.546	113	18741m	44.867	ng	
36) 4-Chloro-3-methylphenol	11.905	107	77676	52.350	ng	94
37) 2-Methylnaphthalene	12.269	142	134865	45.587	ng	99
38) 1-Methylnaphthalene	12.492	142	142006	48.139	ng	97
40) 1,2,4,5-Tetrachloroben...	12.639	216	101876	58.225	ng	# 95
41) Hexachlorocyclopentadiene	12.621	237	144551	157.936	ng	95
43) 2,4,6-Trichlorophenol	12.880	196	62942	56.273	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
 Data File : BG064504.D
 Acq On : 14 Oct 2025 17:33
 Operator : RC/JU
 Sample : Q3321-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-DS-01MSD

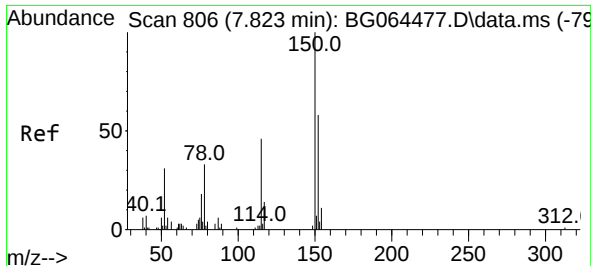
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
 Supervised By :mohammad ahmed 10/17/2025

Quant Time: Oct 14 18:09:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

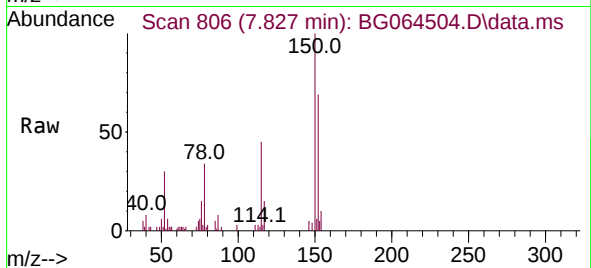
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.956	196	72947	58.417	ng	94
46) 1,1'-Biphenyl	13.285	154	225695	57.907	ng	97
47) 2-Chloronaphthalene	13.326	162	153088	52.608	ng	98
48) 2-Nitroaniline	13.526	65	55614	55.996	ng	96
49) Acenaphthylene	14.173	152	261770	60.599	ng	99
50) Dimethylphthalate	13.914	163	220475	51.948	ng	98
51) 2,6-Dinitrotoluene	14.026	165	49621	56.125	ng	92
52) Acenaphthene	14.513	154	154801	51.581	ng	96
53) 3-Nitroaniline	14.355	138	29151	35.752	ng	# 94
54) 2,4-Dinitrophenol	14.566	184	71254	111.146	ng	89
55) Dibenzofuran	14.848	168	264830	53.444	ng	98
56) 4-Nitrophenol	14.678	139	72131	112.361	ng	# 83
57) 2,4-Dinitrotoluene	14.819	165	74724	55.288	ng	97
58) Fluorene	15.495	166	221624	53.798	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.077	232	72690m	57.039	ng	
60) Diethylphthalate	15.277	149	239887	52.688	ng	97
61) 4-Chlorophenyl-phenyle...	15.495	204	119327	53.056	ng	99
62) 4-Nitroaniline	15.518	138	48325	56.864	ng	# 83
63) Azobenzene	15.782	77	188677	53.509	ng	97
65) 4,6-Dinitro-2-methylph...	15.583	198	53108	58.015	ng	91
66) n-Nitrosodiphenylamine	15.712	169	195059	55.558	ng	97
67) 4-Bromophenyl-phenylether	16.388	248	85341	55.160	ng	86
68) Hexachlorobenzene	16.499	284	98113	55.419	ng	98
69) Atrazine	16.658	200	70456	45.106	ng	91
70) Pentachlorophenol	16.846	266	136781	132.140	ng	97
71) Phenanthrene	17.234	178	372408	54.165	ng	98
72) Anthracene	17.322	178	386442	56.026	ng	98
73) Carbazole	17.592	167	351862	59.017	ng	98
74) Di-n-butylphthalate	18.156	149	412319	56.652	ng	100
75) Fluoranthene	19.243	202	479056	58.323	ng	99
77) Benzidine	19.443	184	66563	18.383	ng	98
78) Pyrene	19.602	202	492138	52.114	ng	98
80) Butylbenzylphthalate	20.500	149	192275	57.436	ng	98
81) Benzo(a)anthracene	21.394	228	518902	55.849	ng	100
82) 3,3'-Dichlorobenzidine	21.317	252	114340	36.360	ng	97
83) Chrysene	21.458	228	487073	55.277	ng	99
84) Bis(2-ethylhexyl)phtha...	21.317	149	271927	57.571	ng	97
85) Di-n-octyl phthalate	22.445	149	467031	58.833	ng	99
87) Indeno(1,2,3-cd)pyrene	27.745	276	636108	55.769	ng	100
88) Benzo(b)fluoranthene	23.456	252	525838	56.406	ng	100
89) Benzo(k)fluoranthene	23.515	252	519702	55.352	ng	99
90) Benzo(a)pyrene	24.255	252	496097	57.741	ng	98
91) Dibenzo(a,h)anthracene	27.798	278	514746	56.432	ng	# 97
92) Benzo(g,h,i)perylene	28.791	276	505062	56.977	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.827 min Scan# 80
 Delta R.T. 0.007 min
 Lab File: BG064504.D
 Acq: 14 Oct 2025 17:33

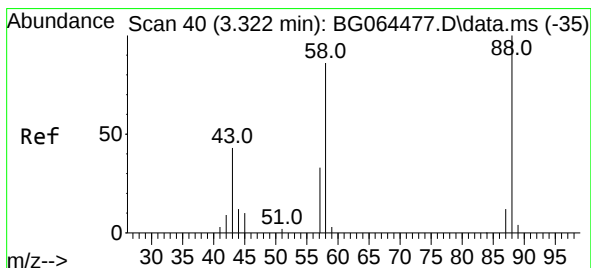
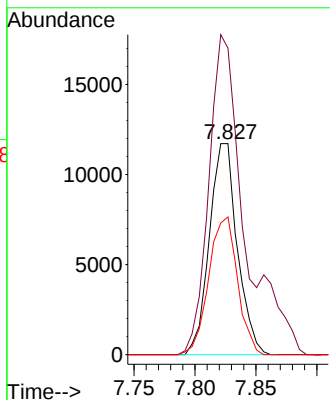
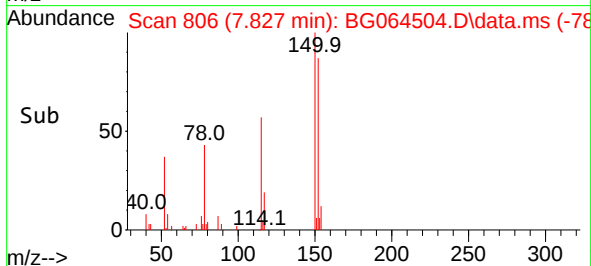
Instrument :
 BNA_G
 ClientSampleId :
 P001-DS-01MSD



Tgt Ion:152 Resp: 18700
 Ion Ratio Lower Upper
 152 100
 150 145.2 138.6 207.8
 115 65.3 63.4 95.2

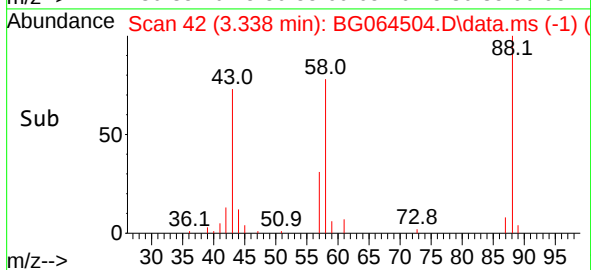
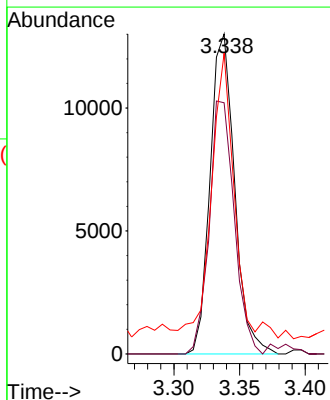
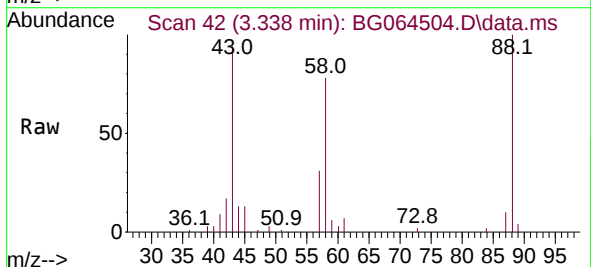
Manual Integrations
 APPROVED

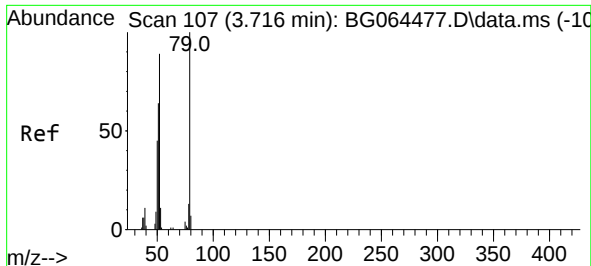
Reviewed By :Jagrut Upadhyay 10/15/2025
 Supervised By :mohammad ahmed 10/17/2025



#2
 1,4-Dioxane
 Concen: 42.317 ng
 RT: 3.338 min Scan# 42
 Delta R.T. 0.018 min
 Lab File: BG064504.D
 Acq: 14 Oct 2025 17:33

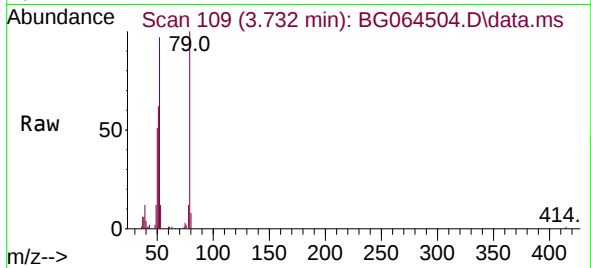
Tgt Ion: 88 Resp: 16913
 Ion Ratio Lower Upper
 88 100
 58 80.5 69.8 104.6
 43 82.6 37.4 56.0#





#3
Pyridine
Concen: 38.796 ng
RT: 3.732 min Scan# 107
Delta R.T. 0.018 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

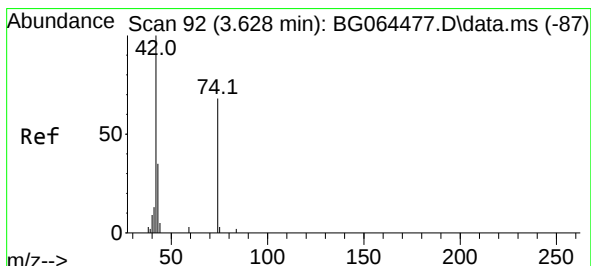
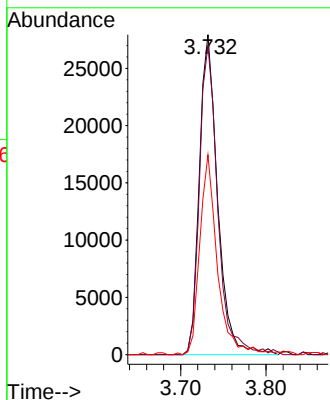
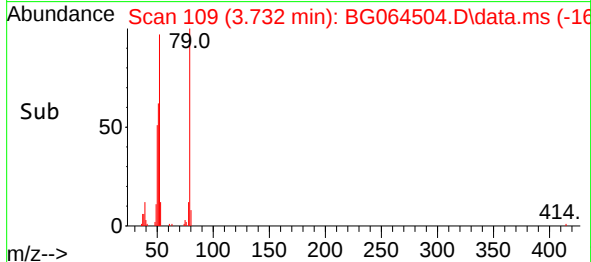
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



Tgt Ion: 79 Resp: 41672
Ion Ratio Lower Upper
79 100
52 96.6 71.0 106.4
51 62.4 51.0 76.6

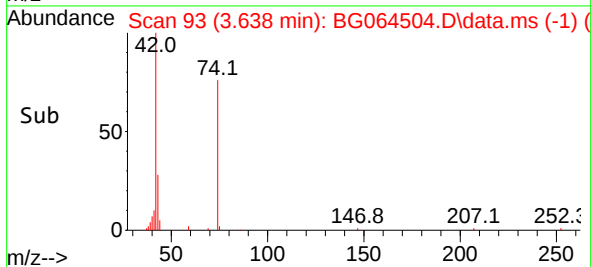
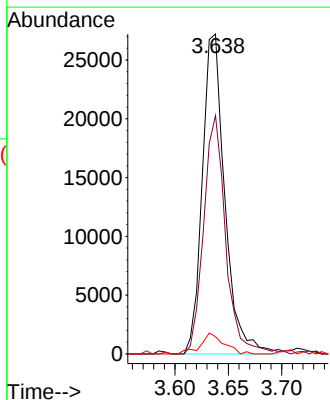
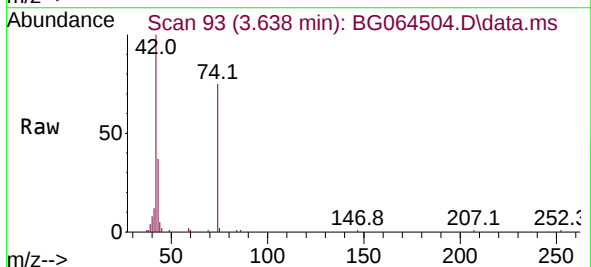
Manual Integrations
APPROVED

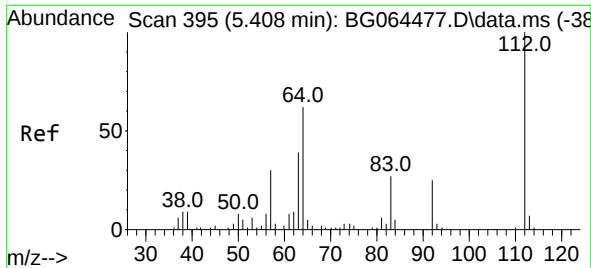
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#4
n-Nitrosodimethylamine
Concen: 51.301 ng
RT: 3.638 min Scan# 93
Delta R.T. 0.012 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

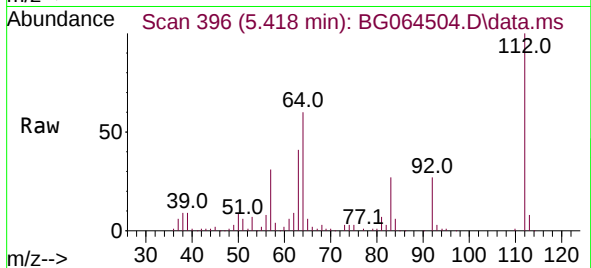
Tgt Ion: 42 Resp: 39947
Ion Ratio Lower Upper
42 100
74 74.5 54.2 81.4
44 5.4 4.2 6.2





#5
2-Fluorophenol
Concen: 142.089 ng
RT: 5.418 min Scan# 395
Delta R.T. 0.012 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

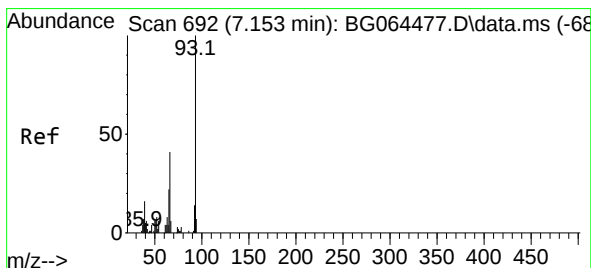
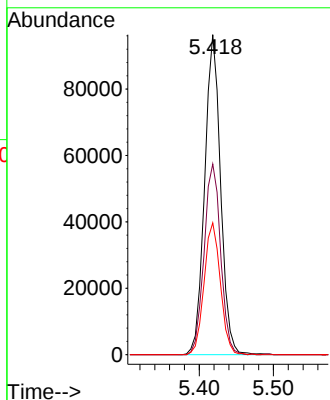
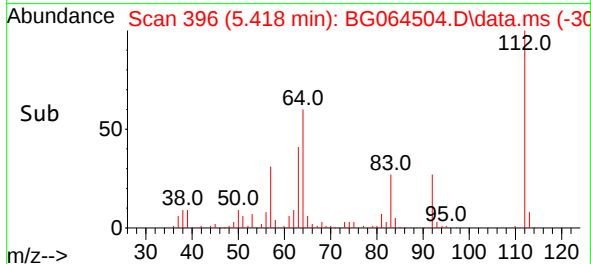
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



Tgt Ion:112 Resp: 143572
Ion Ratio Lower Upper
112 100
64 59.6 49.8 74.8
63 41.2 31.3 46.9

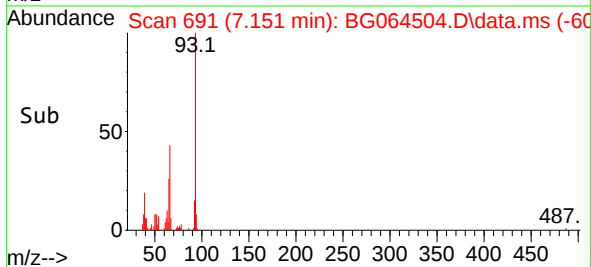
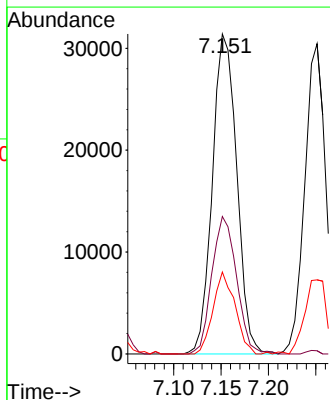
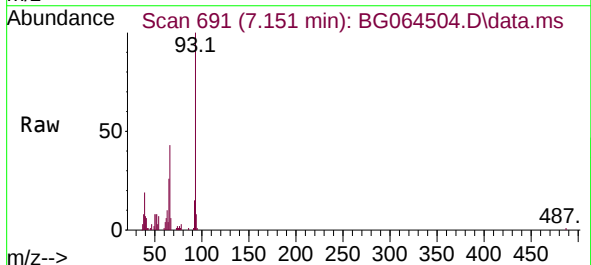
Manual Integrations
APPROVED

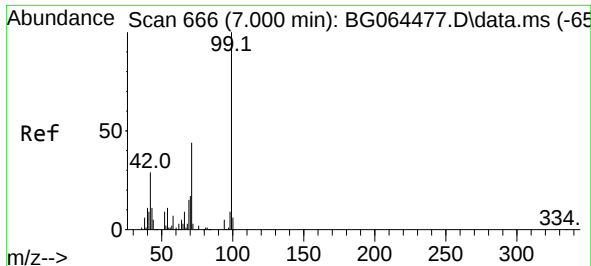
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#6
Aniline
Concen: 32.801 ng
RT: 7.151 min Scan# 691
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

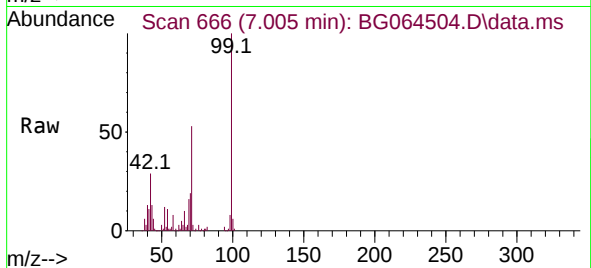
Tgt Ion: 93 Resp: 56182
Ion Ratio Lower Upper
93 100
66 42.9 33.0 49.4
65 25.6 17.5 26.3





#7
Phenol-d6
Concen: 130.762 ng
RT: 7.005 min Scan# 60
Delta R.T. 0.018 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

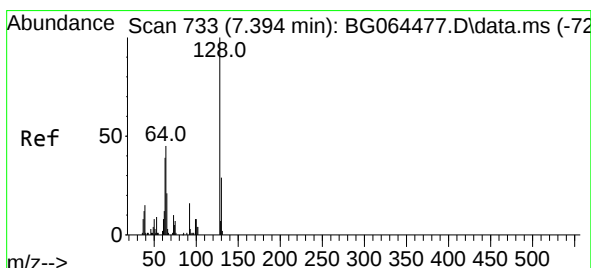
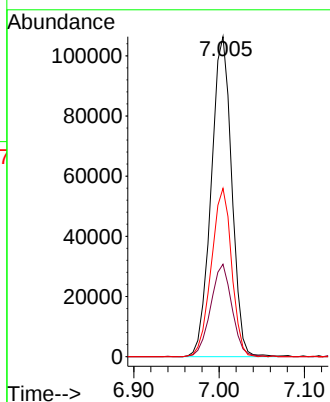
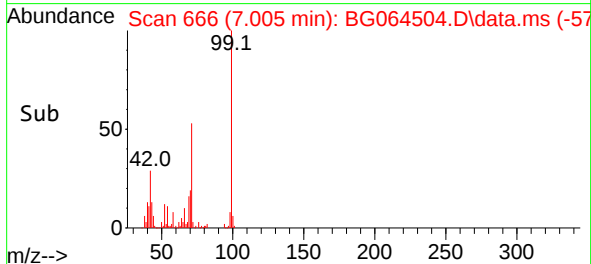
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



Tgt Ion: 99 Resp: 17755
Ion Ratio Lower Upper
99 100
42 28.9 22.9 34.3
71 52.6 35.4 53.2

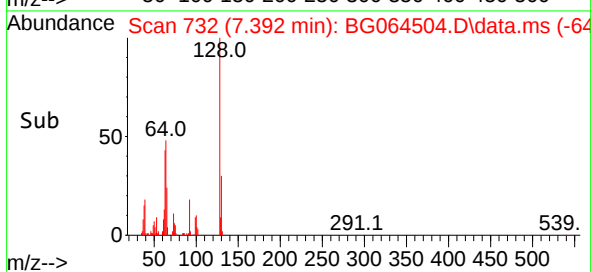
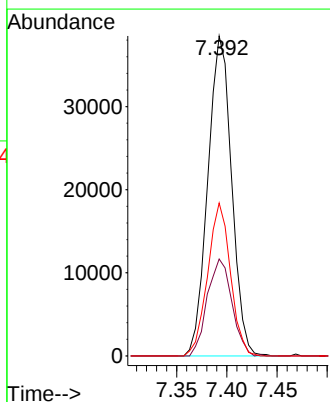
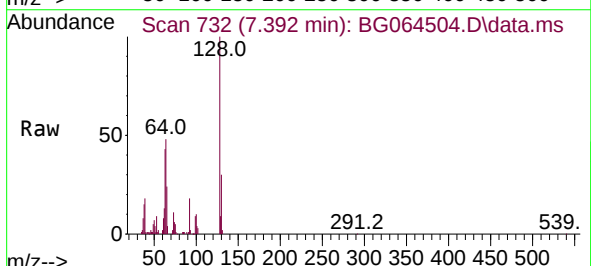
Manual Integrations
APPROVED

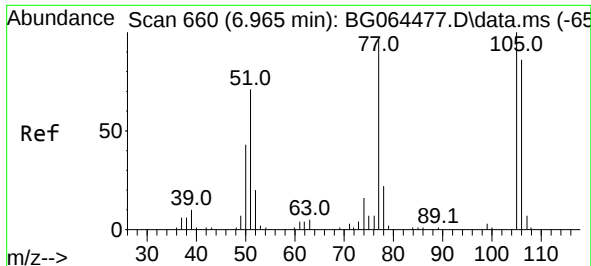
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#8
2-Chlorophenol
Concen: 51.149 ng
RT: 7.392 min Scan# 732
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Tgt Ion:128 Resp: 63464
Ion Ratio Lower Upper
128 100
130 30.3 9.2 49.2
64 47.8 25.5 65.5





#9
Benzaldehyde
Concen: 14.471 ng
RT: 6.963 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Instrument :

BNA_G

ClientSampleId :

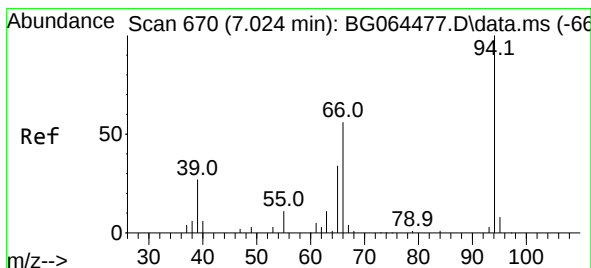
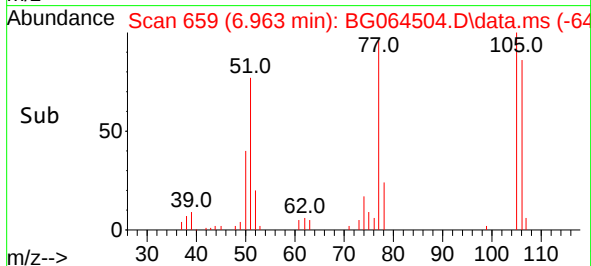
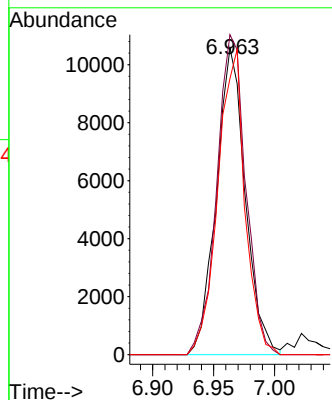
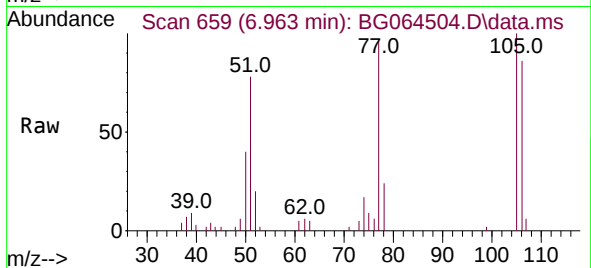
P001-DS-01MSD

Tgt Ion: 77 Resp: 17443
Ion Ratio Lower Upper
77 100
105 104.3 83.7 123.7
106 90.0 69.4 109.4

Manual Integrations

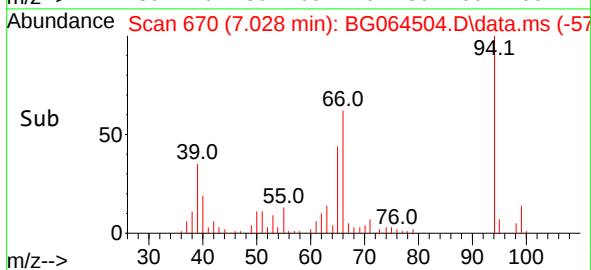
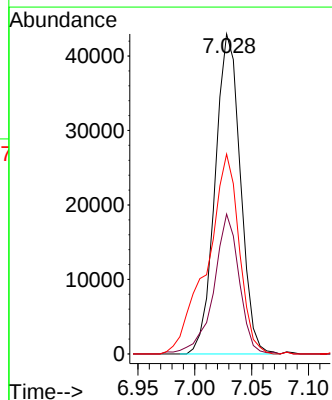
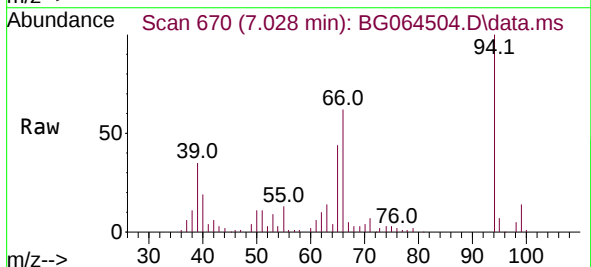
APPROVED

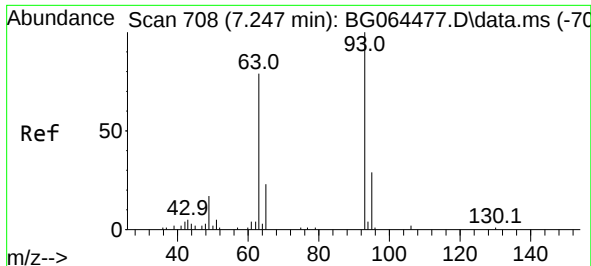
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#10
Phenol
Concen: 46.330 ng
RT: 7.028 min Scan# 670
Delta R.T. 0.012 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

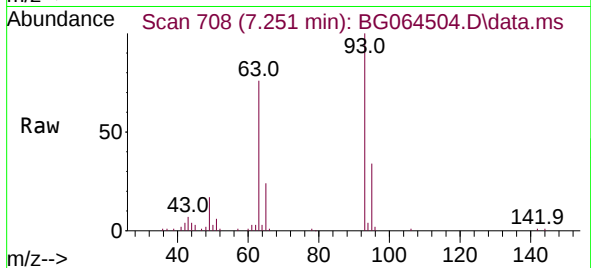
Tgt Ion: 94 Resp: 66364
Ion Ratio Lower Upper
94 100
65 43.7 14.8 54.8
66 62.4 41.4 81.4





#11
bis(2-Chloroethyl)ether
Concen: 48.428 ng
RT: 7.251 min Scan# 708
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

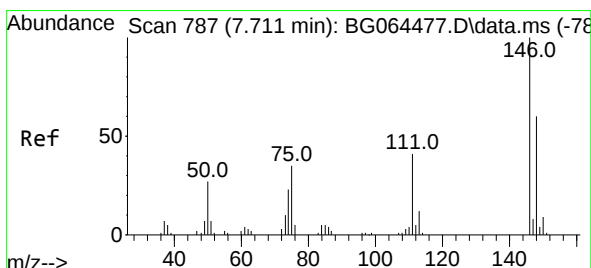
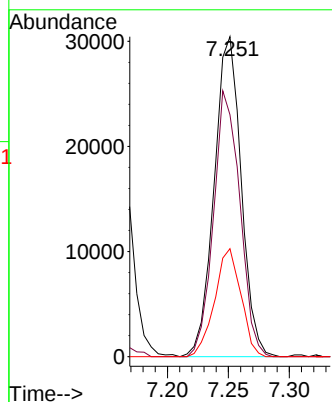
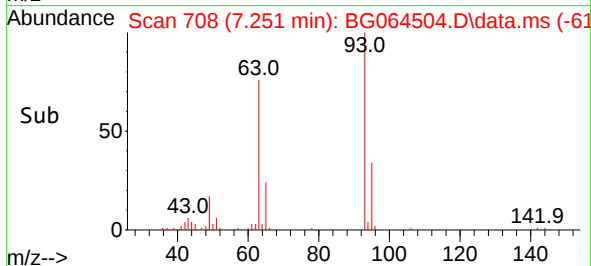
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



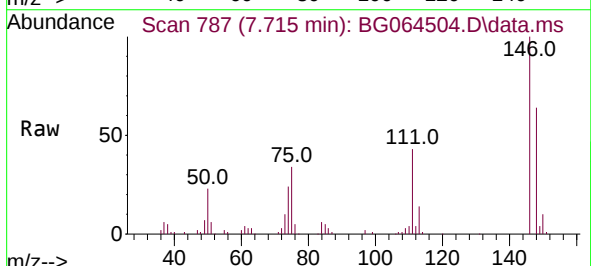
Tgt Ion: 93 Resp: 46978
Ion Ratio Lower Upper
93 100
63 75.6 59.5 99.5
95 33.7 8.8 48.8

Manual Integrations
APPROVED

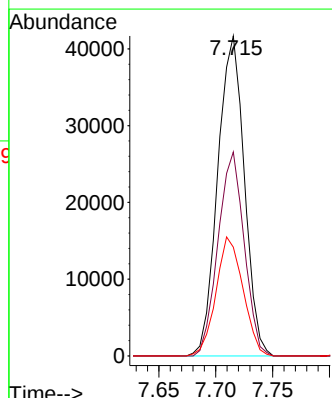
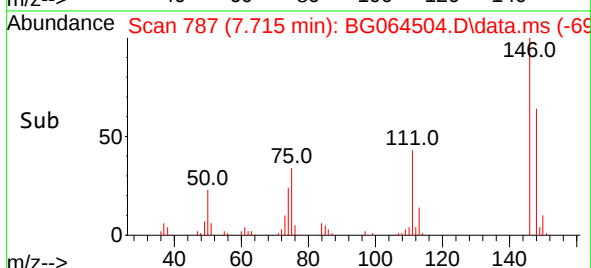
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

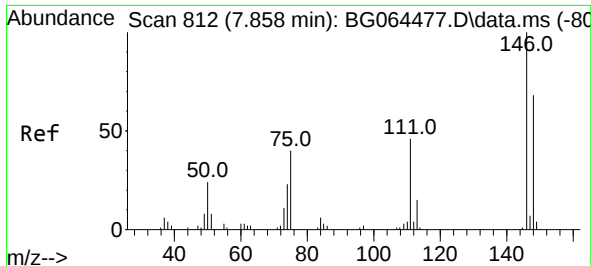


#12
1,3-Dichlorobenzene
Concen: 49.975 ng
RT: 7.715 min Scan# 787
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33



Tgt Ion:146 Resp: 67831
Ion Ratio Lower Upper
146 100
148 63.7 48.4 72.6
75 34.0 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 51.646 ng

RT: 7.856 min Scan# 81

Delta R.T. 0.001 min

Lab File: BG064504.D

Acq: 14 Oct 2025 17:33

Instrument :

BNA_G

ClientSampleId :

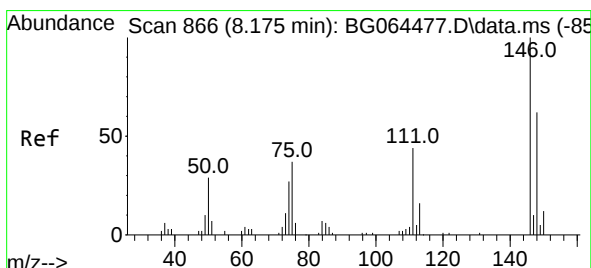
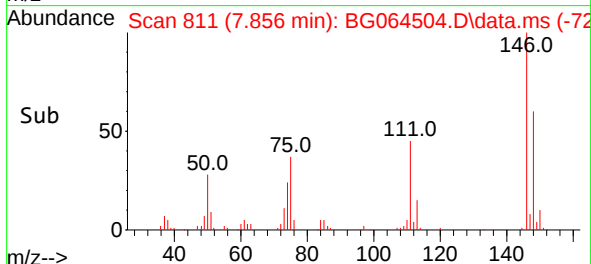
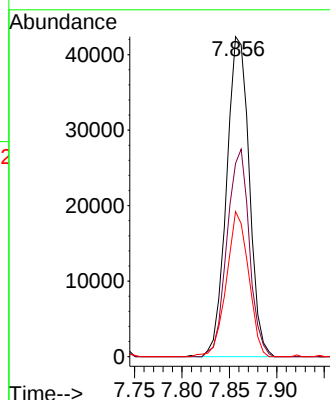
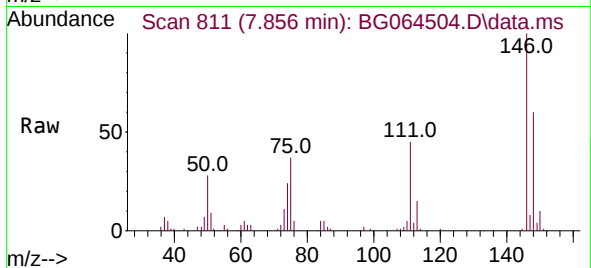
P001-DS-01MSD

Tgt Ion:146	Resp:	70354
Ion Ratio	Lower	Upper
146	100	
148	60.4	54.4 81.6
111	45.3	36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#14

1,2-Dichlorobenzene

Concen: 49.410 ng

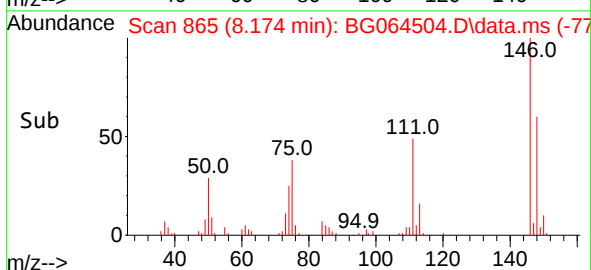
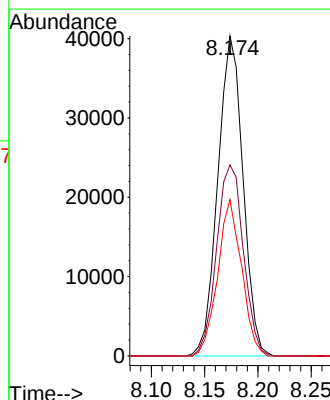
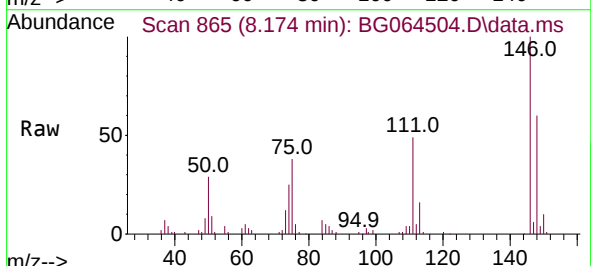
RT: 8.174 min Scan# 865

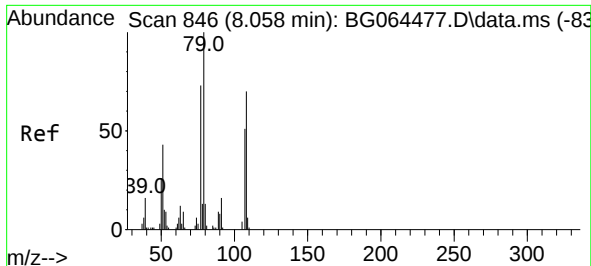
Delta R.T. 0.001 min

Lab File: BG064504.D

Acq: 14 Oct 2025 17:33

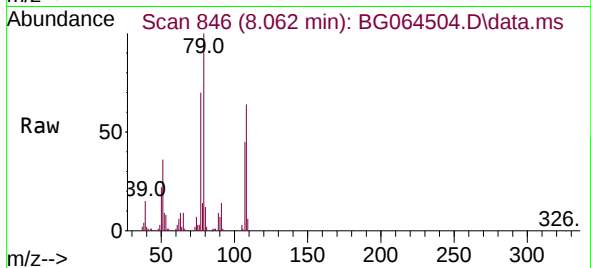
Tgt Ion:146	Resp:	66336
Ion Ratio	Lower	Upper
146	100	
148	59.7	50.0 75.0
111	48.9	35.0 52.4





#15
Benzyl Alcohol
Concen: 50.355 ng
RT: 8.062 min Scan# 846
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

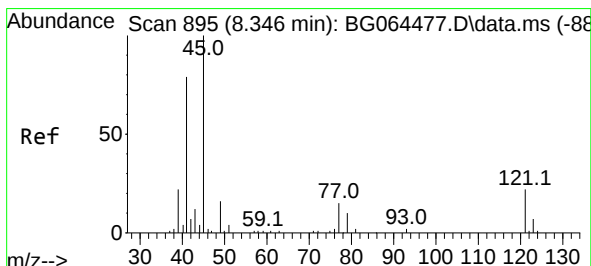
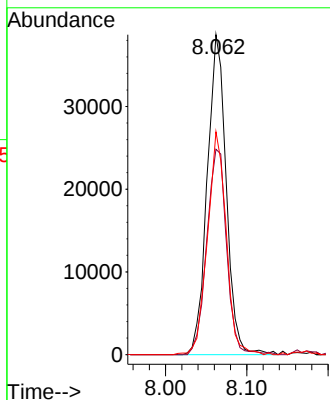
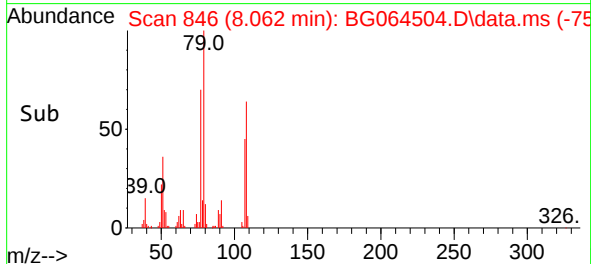
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



Tgt Ion: 79 Resp: 62969
Ion Ratio Lower Upper
79 100
108 64.2 56.4 84.6
77 69.6 58.3 87.5

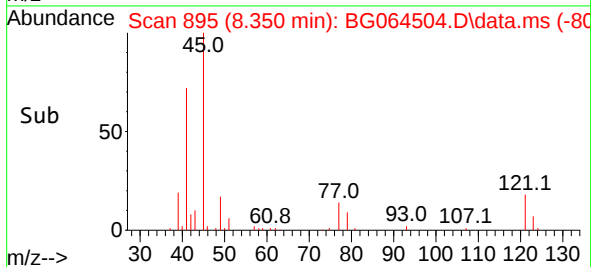
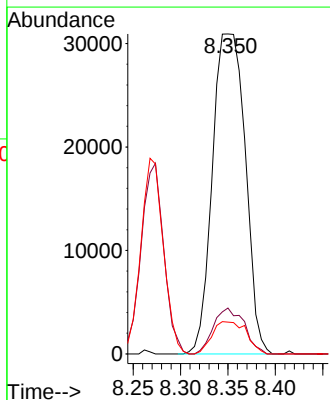
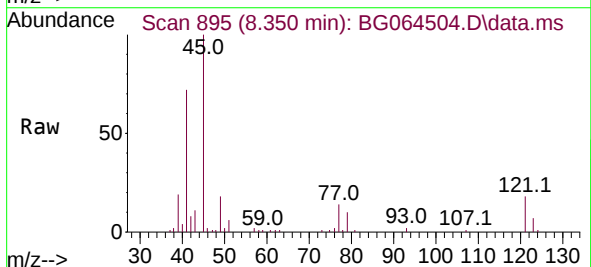
Manual Integrations
APPROVED

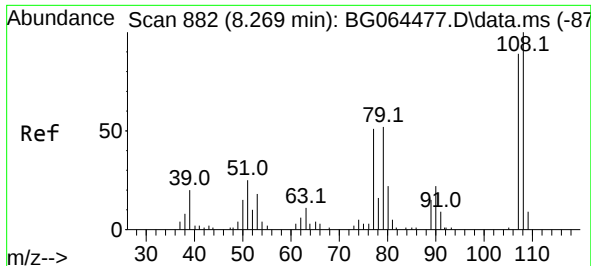
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.688 ng
RT: 8.350 min Scan# 895
Delta R.T. 0.012 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

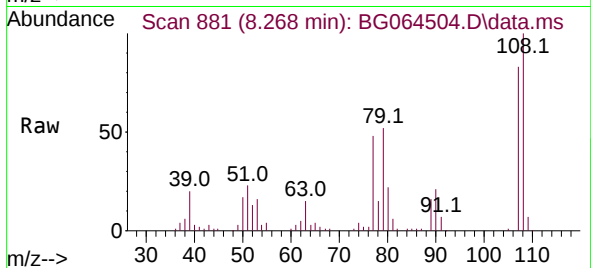
Tgt Ion: 45 Resp: 74567
Ion Ratio Lower Upper
45 100
77 14.3 0.0 35.6
79 9.9 0.0 30.7





#17
2-Methylphenol
Concen: 49.162 ng
RT: 8.268 min Scan# 881
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

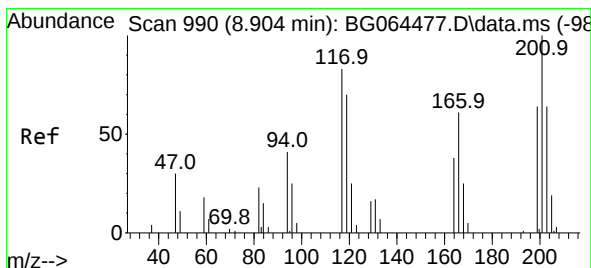
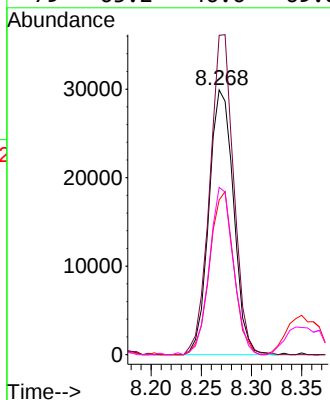
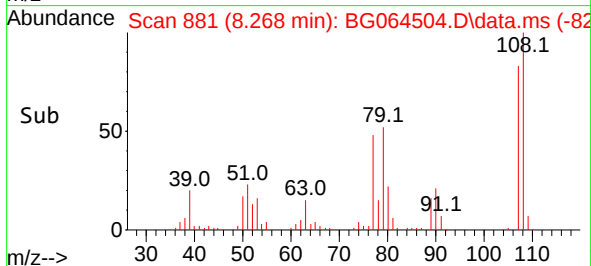
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



Tgt Ion:107 Resp: 50993
Ion Ratio Lower Upper
107 100
108 120.6 90.3 135.5
77 58.4 46.0 69.0
79 63.2 46.6 69.8

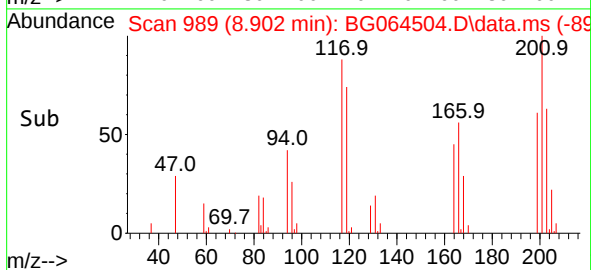
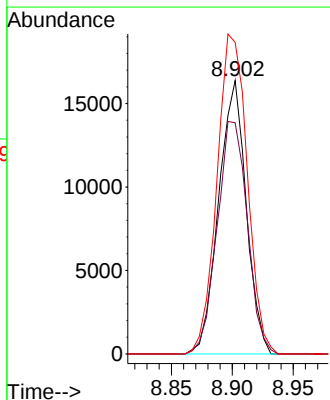
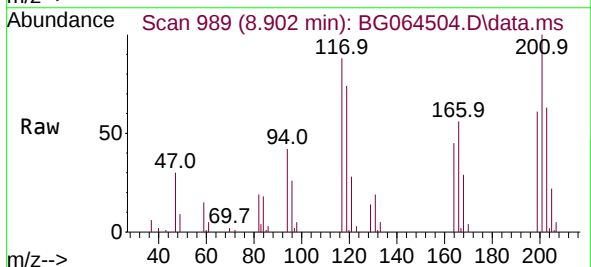
Manual Integrations
APPROVED

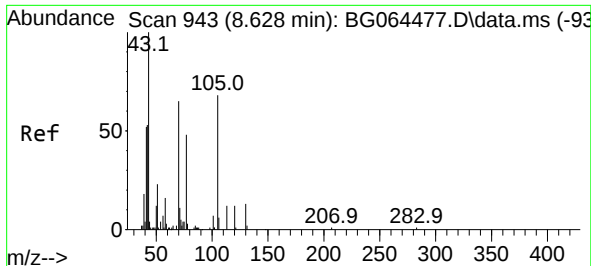
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#18
Hexachloroethane
Concen: 47.880 ng
RT: 8.902 min Scan# 989
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Tgt Ion:117 Resp: 25745
Ion Ratio Lower Upper
117 100
119 84.5 67.4 101.0
201 113.9 95.9 143.9





#19

n-Nitroso-di-n-propylamine

Concen: 49.638 ng

RT: 8.626 min Scan# 94

Delta R.T. 0.012 min

Lab File: BG064504.D

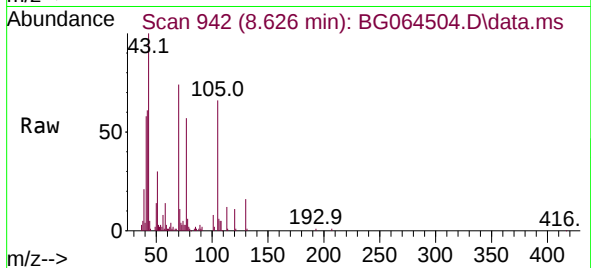
Acq: 14 Oct 2025 17:33

Instrument :

BNA_G

ClientSampleId :

P001-DS-01MSD



Tgt Ion: 70 Resp: 4507

Ion Ratio Lower Upper

70 100

42 81.6 64.9 97.3

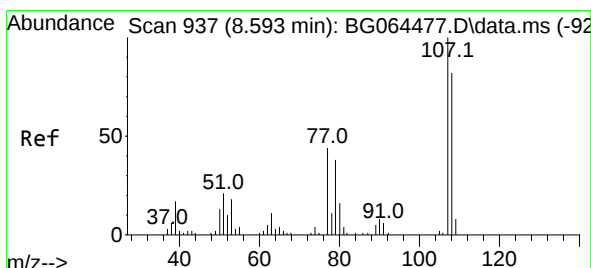
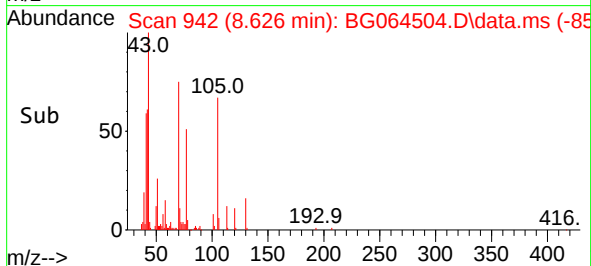
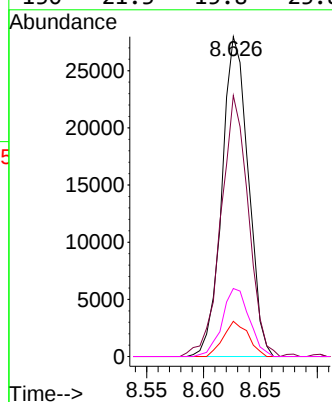
101 11.0 8.7 13.1

130 21.3 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#20

3+4-Methylphenols

Concen: 49.103 ng

RT: 8.597 min Scan# 937

Delta R.T. 0.007 min

Lab File: BG064504.D

Acq: 14 Oct 2025 17:33

Tgt Ion:107 Resp: 71074

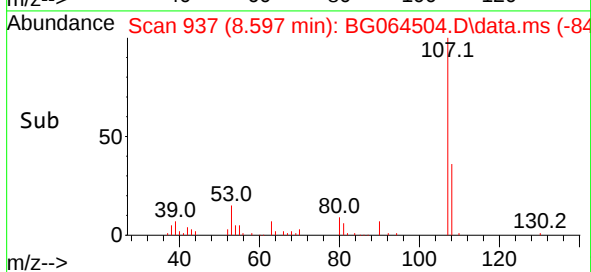
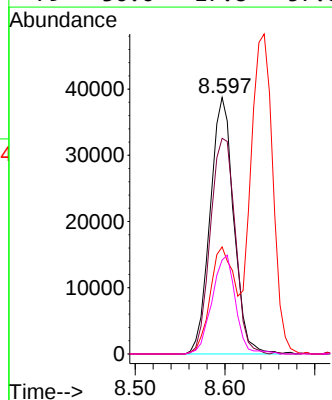
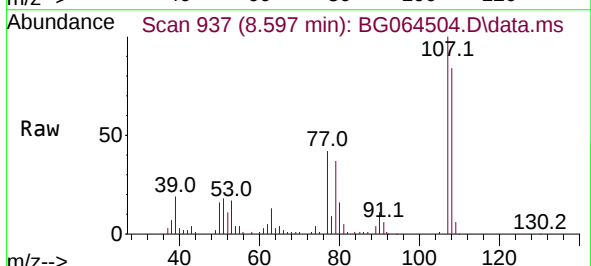
Ion Ratio Lower Upper

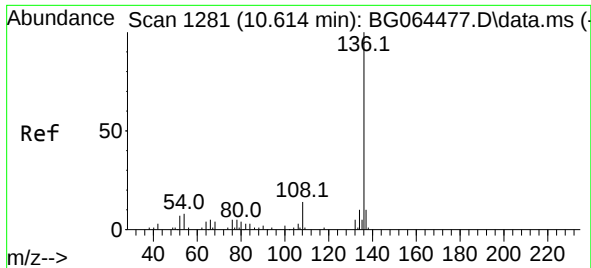
107 100

108 84.1 62.1 102.1

77 41.7 23.5 63.5

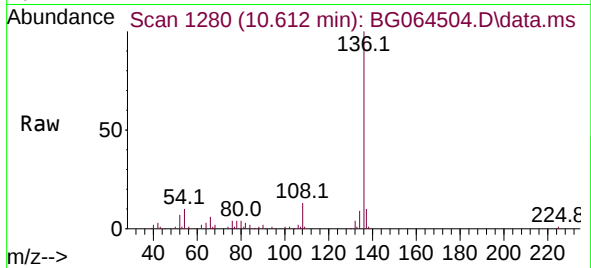
79 36.6 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.612 min Scan# 1281
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

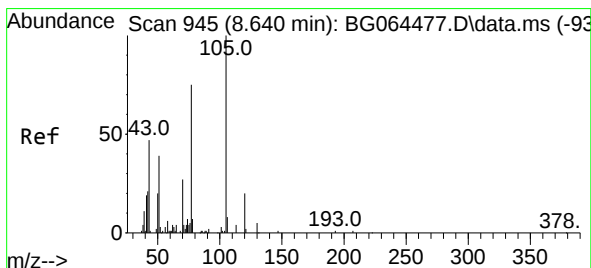
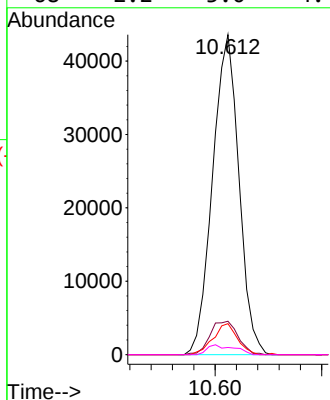
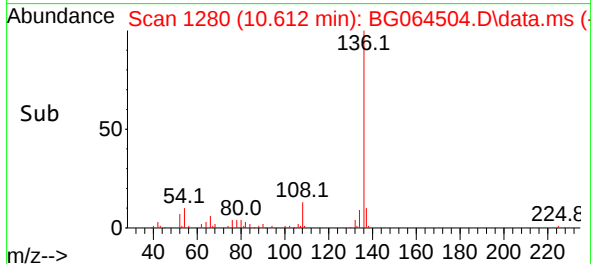
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



Tgt Ion:136 Resp: 74842
Ion Ratio Lower Upper
136 100
137 10.4 8.3 12.5
54 9.7 6.2 9.4
68 2.2 3.0 4.4#

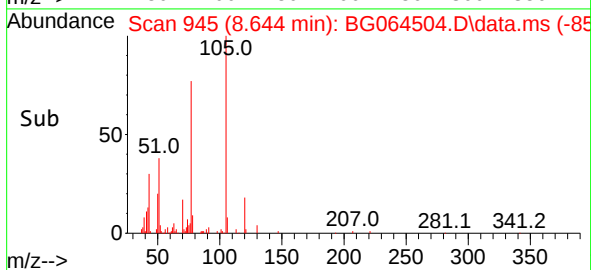
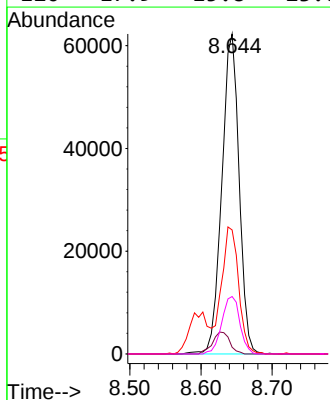
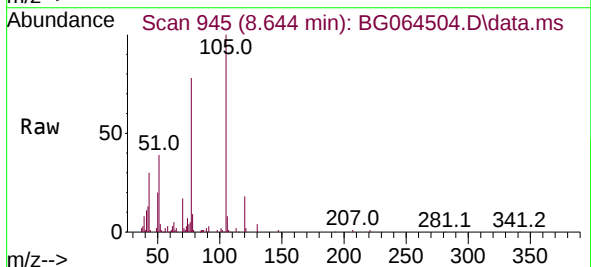
Manual Integrations
APPROVED

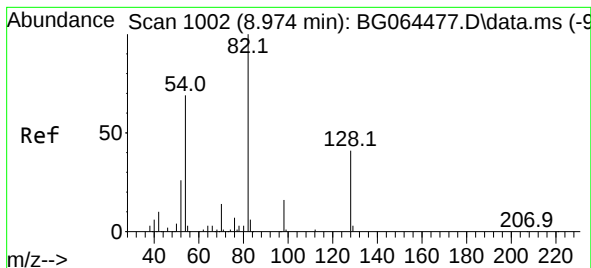
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#22
Acetophenone
Concen: 58.116 ng
RT: 8.644 min Scan# 945
Delta R.T. 0.012 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Tgt Ion:105 Resp: 105313
Ion Ratio Lower Upper
105 100
71 2.1 2.8 4.2#
51 38.7 33.0 49.4
120 17.9 15.8 23.6





#23

Nitrobenzene-d5

Concen: 96.652 ng

RT: 8.979 min Scan# 1002

Delta R.T. 0.012 min

Lab File: BG064504.D

Acq: 14 Oct 2025 17:33

Instrument :

BNA_G

ClientSampleId :

P001-DS-01MSD

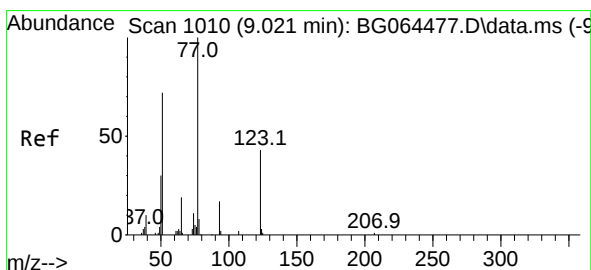
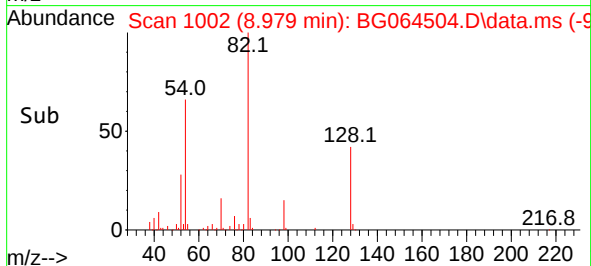
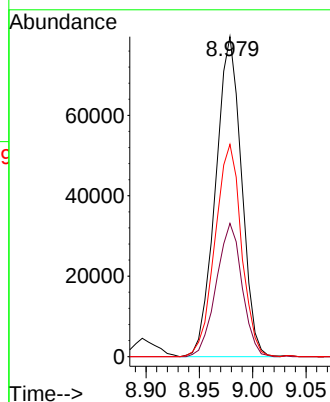
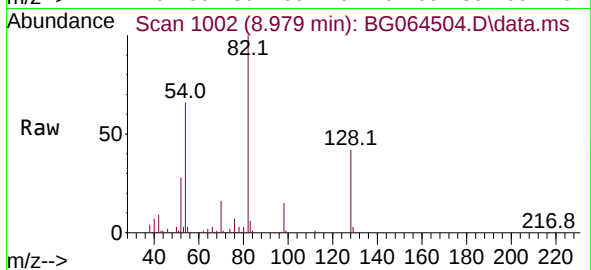
Tgt Ion: 82 Resp: 134529

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.1	49.7
54	66.3	55.4	83.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#24

Nitrobenzene

Concen: 51.239 ng

RT: 9.020 min Scan# 1009

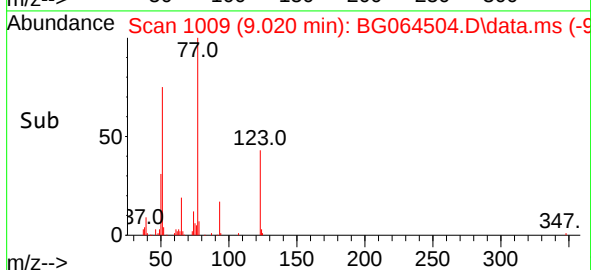
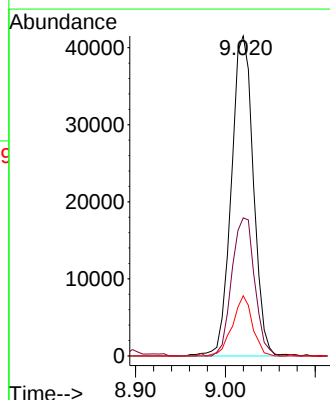
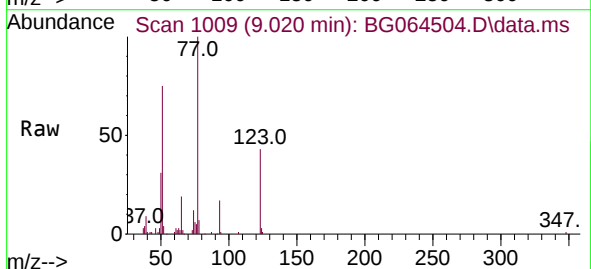
Delta R.T. 0.007 min

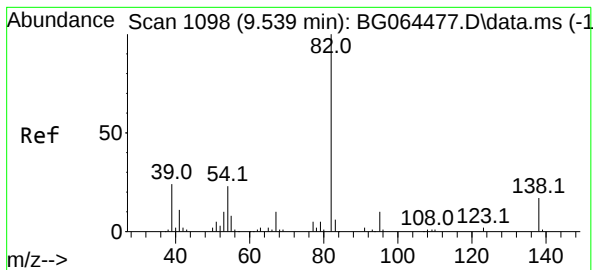
Lab File: BG064504.D

Acq: 14 Oct 2025 17:33

Tgt Ion: 77 Resp: 71121

Ion	Ratio	Lower	Upper
77	100		
123	43.1	34.4	51.6
65	18.8	14.8	22.2





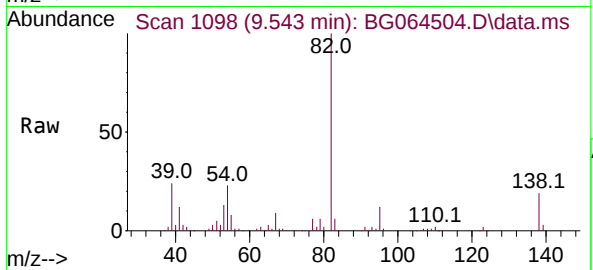
#25
Isophorone
Concen: 49.933 ng
RT: 9.543 min Scan# 1098
Delta R.T. 0.012 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Instrument :

BNA_G

ClientSampleId :

P001-DS-01MSD

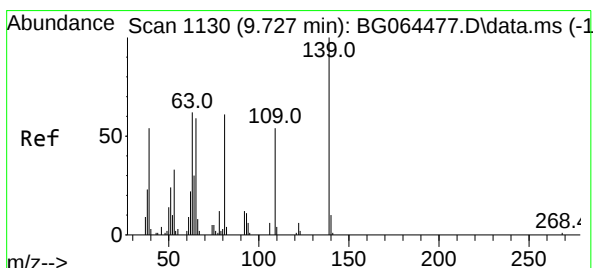
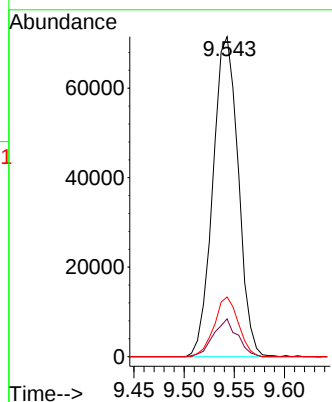
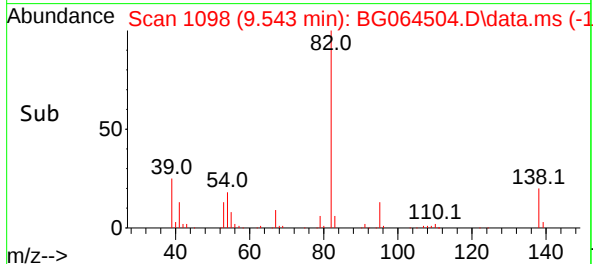


Tgt Ion: 82 Resp: 125909
Ion Ratio Lower Upper
82 100
95 11.8 7.8 11.8
138 18.6 13.8 20.6

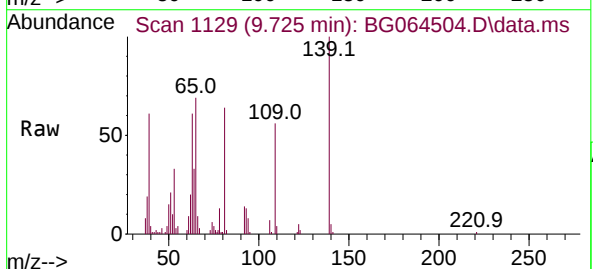
Manual Integrations

APPROVED

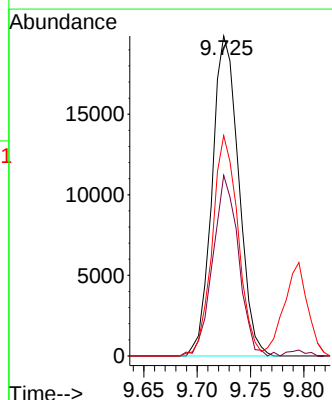
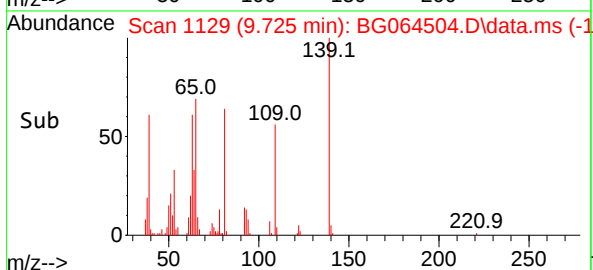
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

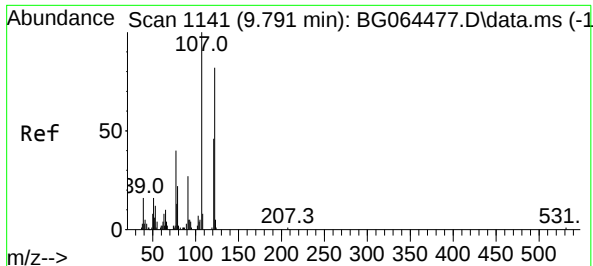


#26
2-Nitrophenol
Concen: 49.766 ng
RT: 9.725 min Scan# 1129
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33



Tgt Ion:139 Resp: 34379
Ion Ratio Lower Upper
139 100
109 56.4 43.0 64.6
65 68.8 47.4 71.2





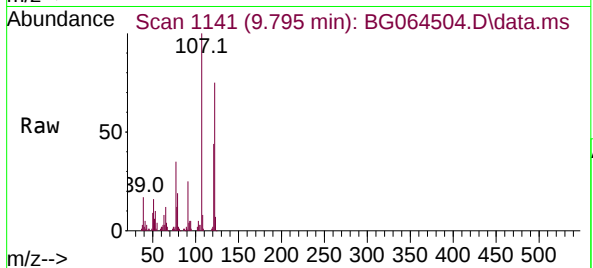
#27
2,4-Dimethylphenol
Concen: 57.660 ng
RT: 9.795 min Scan# 1141
Delta R.T. 0.012 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Instrument :

BNA_G

ClientSampleId :

P001-DS-01MSD

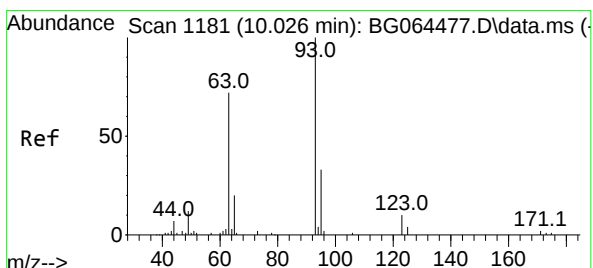
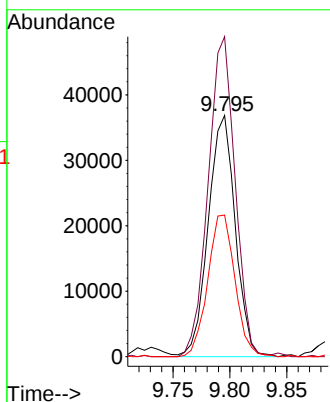
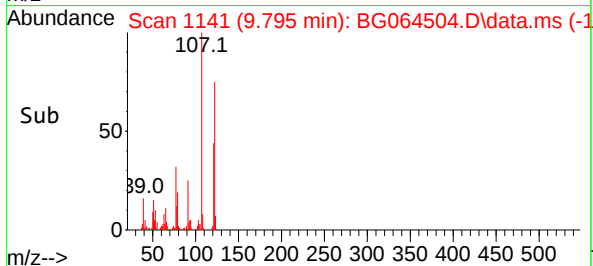


Tgt Ion:122 Resp: 60839
Ion Ratio Lower Upper
122 100
107 132.7 98.3 147.5
121 58.7 44.7 67.1

Manual Integrations

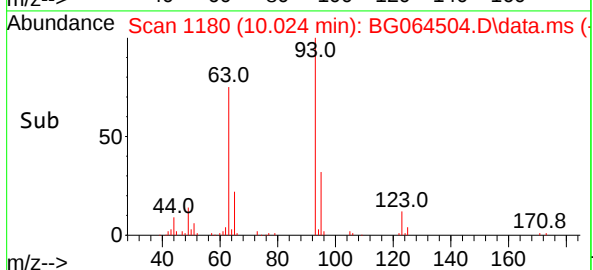
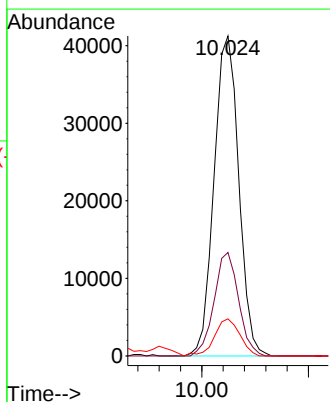
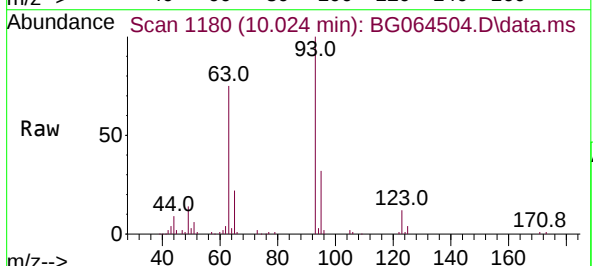
APPROVED

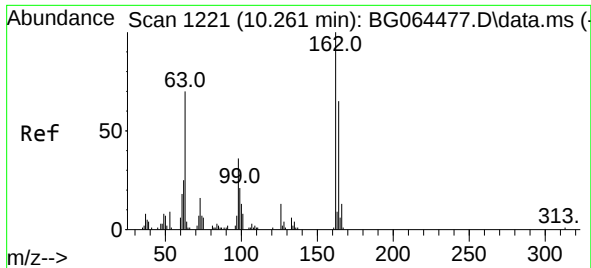
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#28
bis(2-Chloroethoxy)methane
Concen: 51.660 ng
RT: 10.024 min Scan# 1180
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

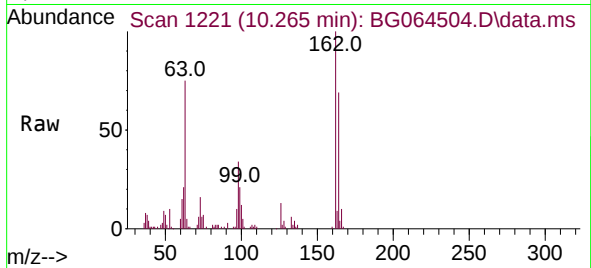
Tgt Ion: 93 Resp: 66400
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 11.6 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 55.032 ng
RT: 10.265 min Scan# 1221
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

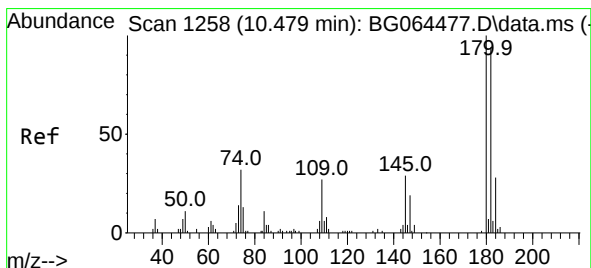
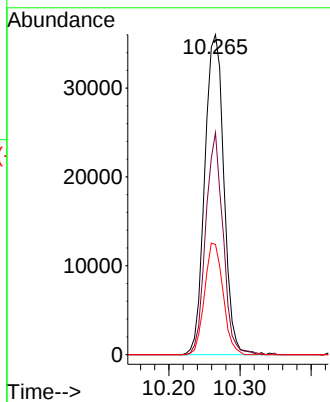
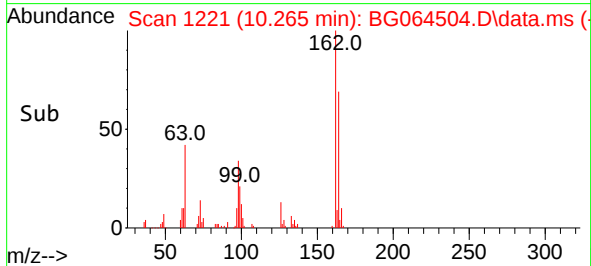
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



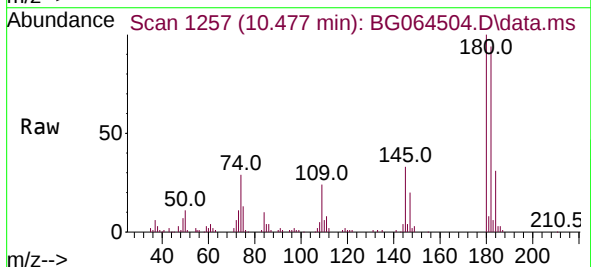
Tgt Ion:162 Resp: 67146
Ion Ratio Lower Upper
162 100
164 69.4 45.4 85.4
98 34.4 16.4 56.4

Manual Integrations
APPROVED

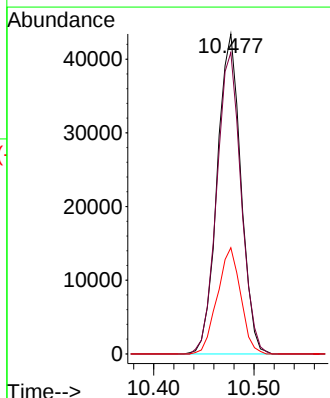
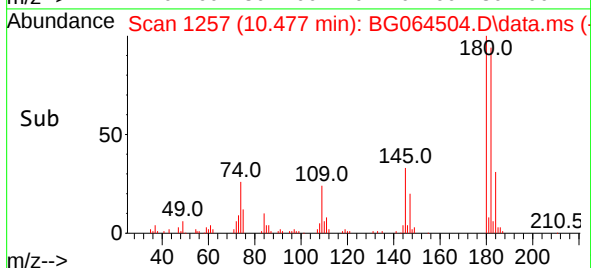
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

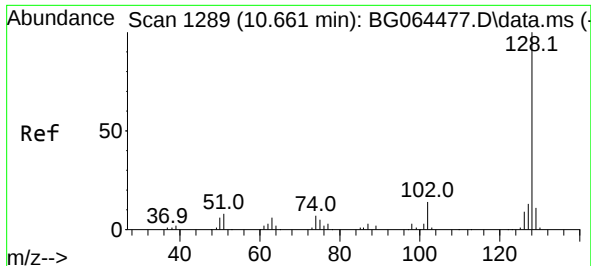


#30
1,2,4-Trichlorobenzene
Concen: 53.468 ng
RT: 10.477 min Scan# 1257
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33



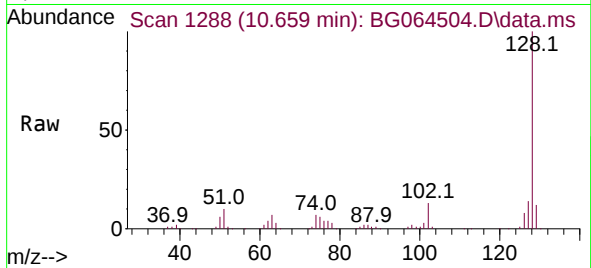
Tgt Ion:180 Resp: 71133
Ion Ratio Lower Upper
180 100
182 94.2 75.4 113.2
145 33.2 23.2 34.8





#31
Naphthalene
Concen: 50.315 ng
RT: 10.659 min Scan# 1169
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

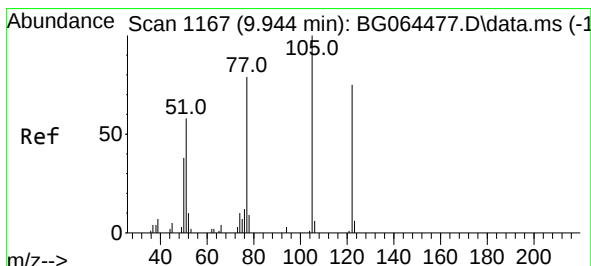
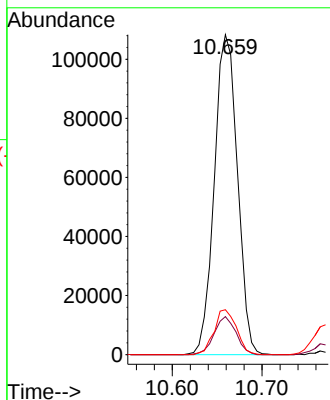
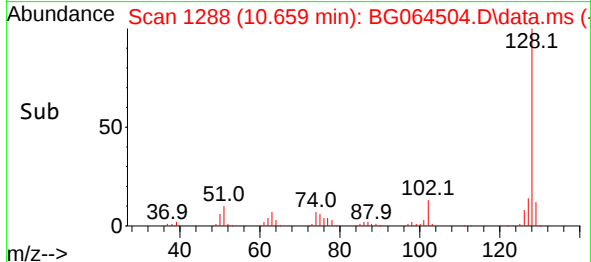
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



Tgt Ion:128 Resp: 193912
Ion Ratio Lower Upper
128 100
129 11.9 8.7 13.1
127 14.0 10.2 15.2

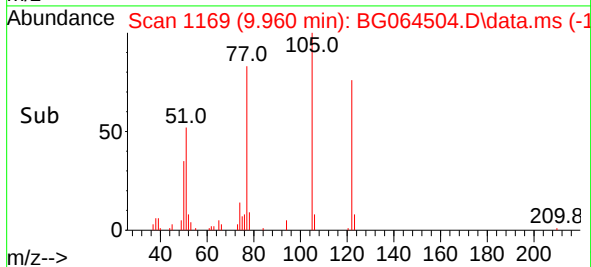
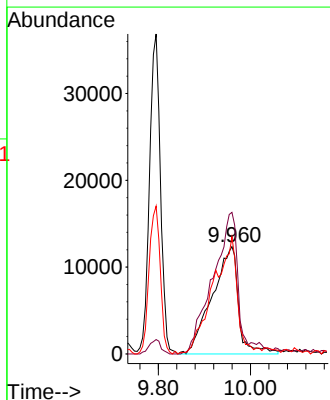
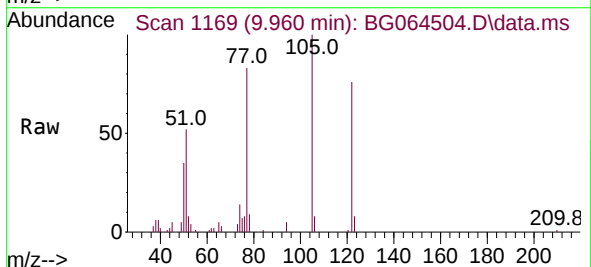
Manual Integrations
APPROVED

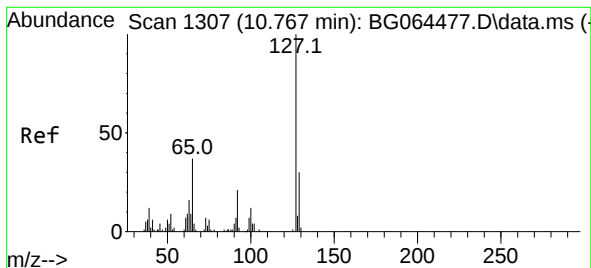
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#32
Benzoic acid
Concen: 60.562 ng
RT: 9.960 min Scan# 1169
Delta R.T. 0.071 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

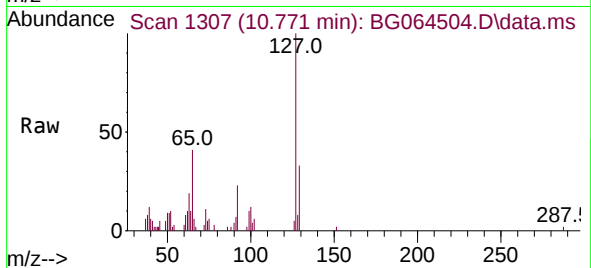
Tgt Ion:122 Resp: 49061
Ion Ratio Lower Upper
122 100
105 132.0 113.9 153.9
77 109.1 86.1 126.1





#33
4-Chloroaniline
Concen: 14.296 ng
RT: 10.771 min Scan# 1307
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

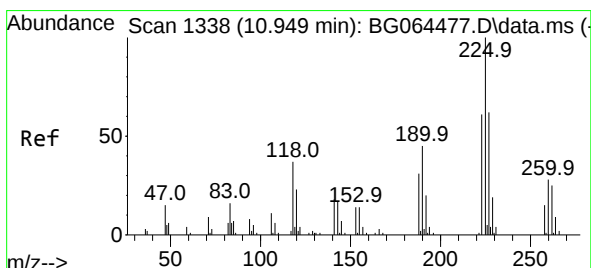
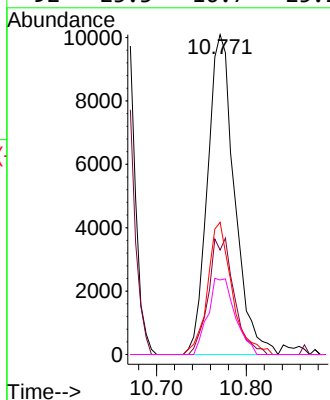
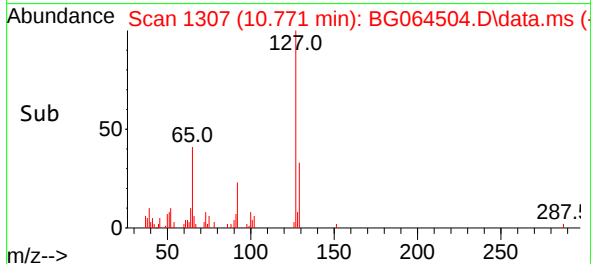
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



Tgt Ion:	127	Resp:	2114
Ion Ratio	Lower	Upper	
127	100		
129	32.7	24.2	36.4
65	41.3	29.6	44.4
92	23.3	16.7	25.1

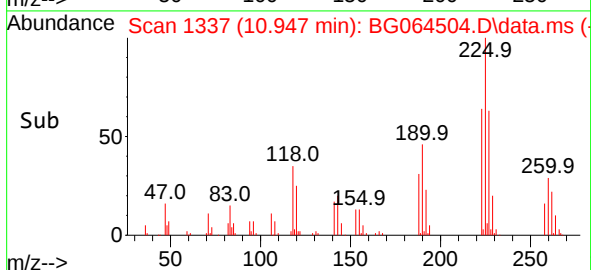
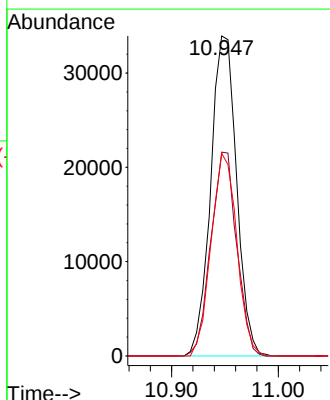
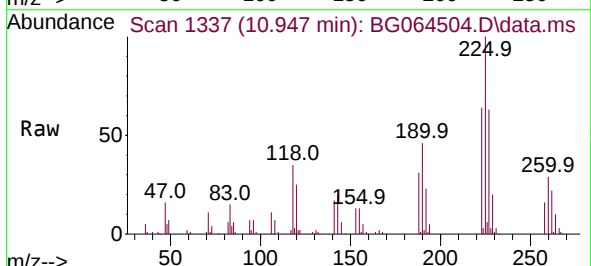
Manual Integrations
APPROVED

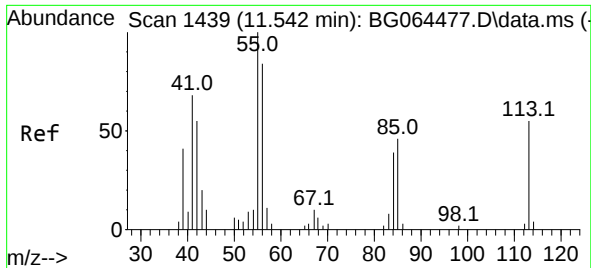
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#34
Hexachlorobutadiene
Concen: 50.337 ng
RT: 10.947 min Scan# 1337
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

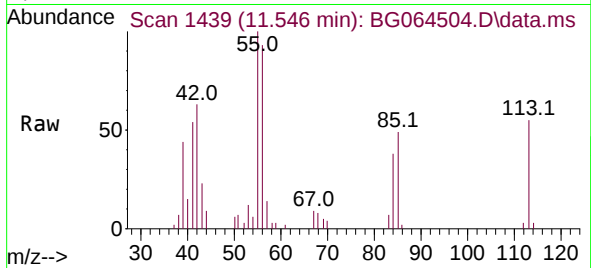
Tgt Ion:	225	Resp:	57351
Ion Ratio	Lower	Upper	
225	100		
223	66.7	49.0	73.6
227	63.3	49.9	74.9





#35
 Caprolactam
 Concen: 44.867 ng m
 RT: 11.546 min Scan# 1439
 Delta R.T. 0.036 min
 Lab File: BG064504.D
 Acq: 14 Oct 2025 17:33

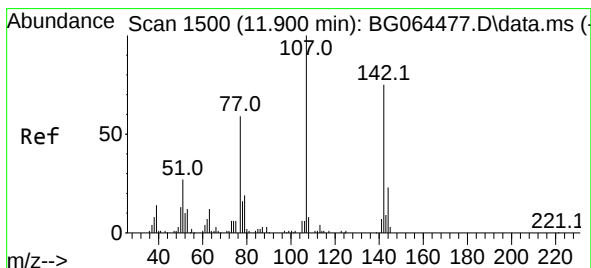
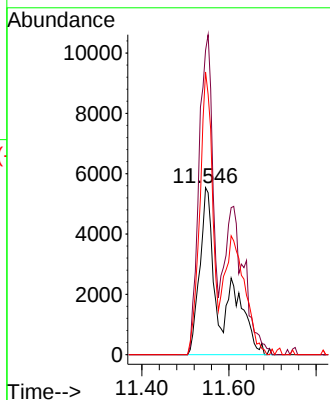
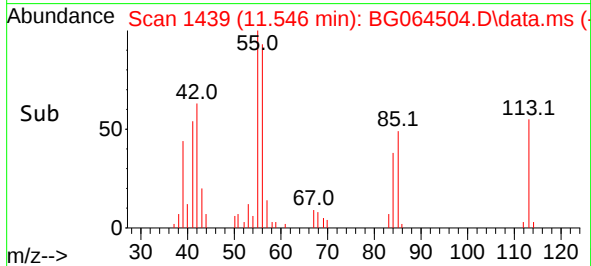
Instrument :
 BNA_G
 ClientSampleId :
 P001-DS-01MSD



Tgt Ion:113 Resp: 1874
 Ion Ratio Lower Upper
 113 100
 55 182.2 162.0 202.0
 56 169.3 134.6 174.6

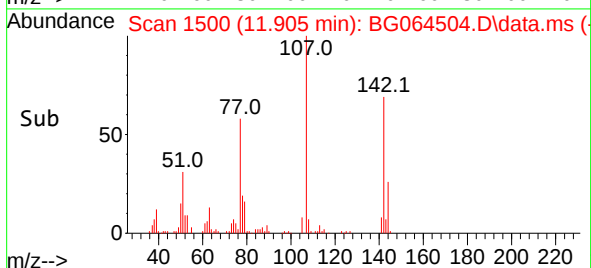
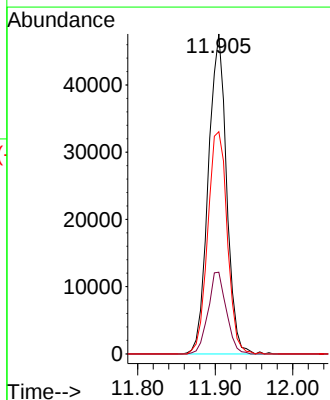
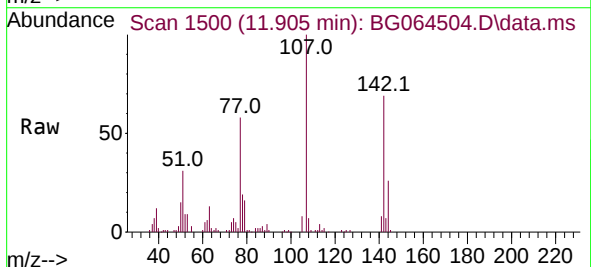
Manual Integrations
 APPROVED

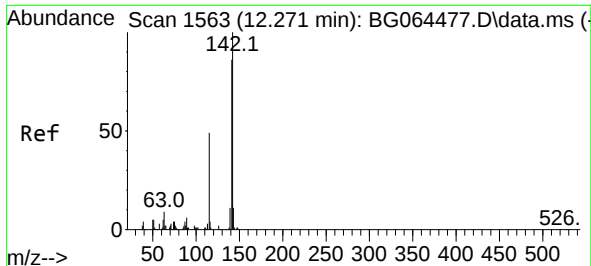
Reviewed By :Jagrut Upadhyay 10/15/2025
 Supervised By :mohammad ahmed 10/17/2025



#36
 4-Chloro-3-methylphenol
 Concen: 52.350 ng
 RT: 11.905 min Scan# 1500
 Delta R.T. 0.012 min
 Lab File: BG064504.D
 Acq: 14 Oct 2025 17:33

Tgt Ion:107 Resp: 77676
 Ion Ratio Lower Upper
 107 100
 144 25.5 18.7 28.1
 142 69.4 60.2 90.2





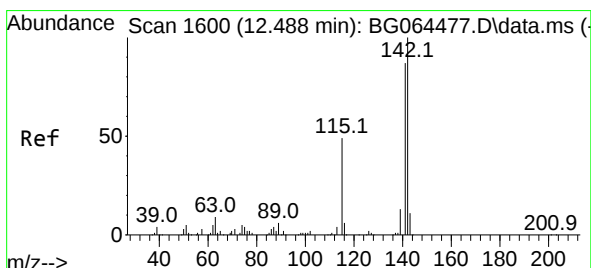
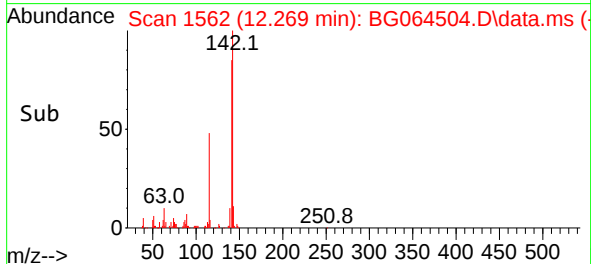
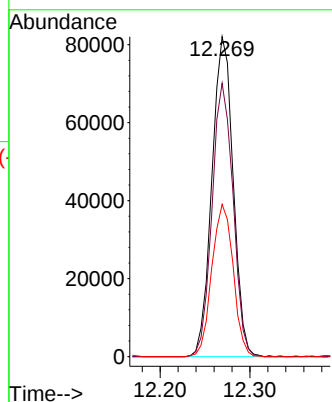
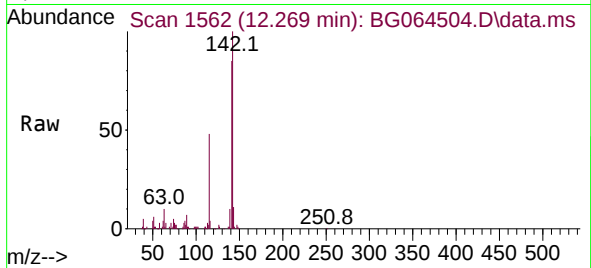
#37
2-Methylnaphthalene
Concen: 45.587 ng
RT: 12.269 min Scan# 1563
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD

Tgt Ion:142 Resp: 134865
Ion Ratio Lower Upper
142 100
141 85.4 68.7 103.1
115 47.6 39.3 58.9

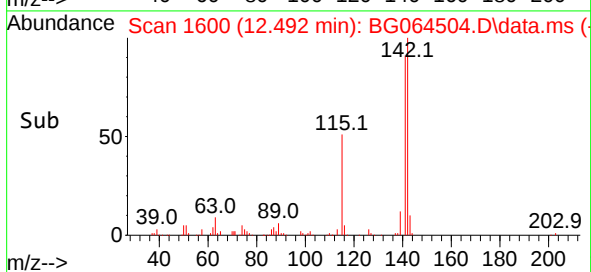
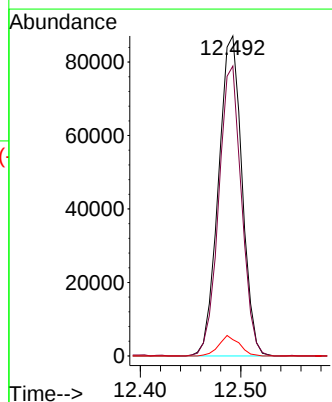
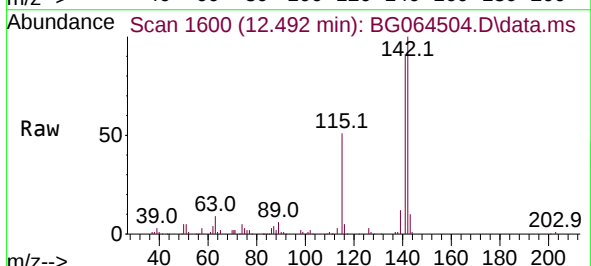
Manual Integrations
APPROVED

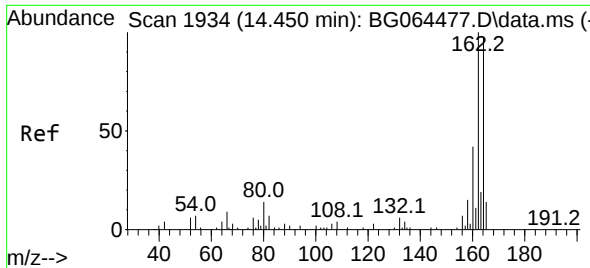
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#38
1-Methylnaphthalene
Concen: 48.139 ng
RT: 12.492 min Scan# 1600
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

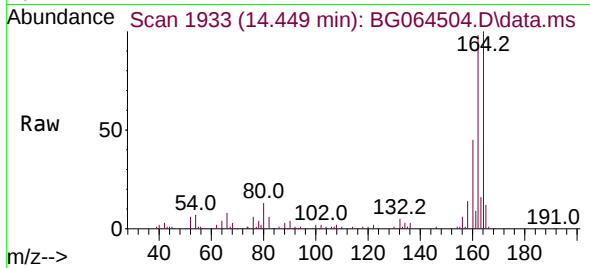
Tgt Ion:142 Resp: 142006
Ion Ratio Lower Upper
142 100
141 90.6 69.8 104.8
116 5.1 4.6 6.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.449 min Scan# 1934
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

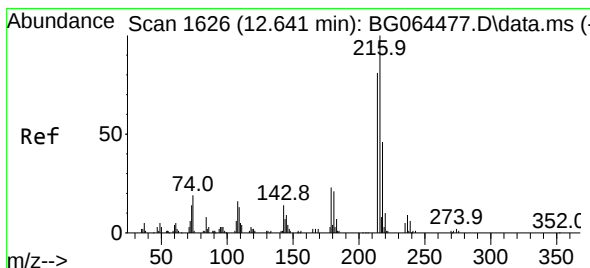
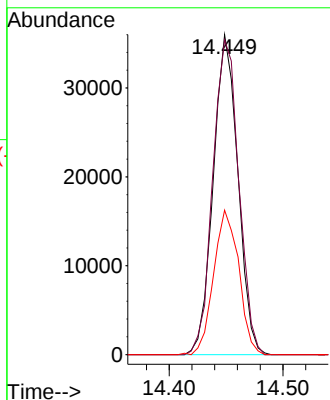
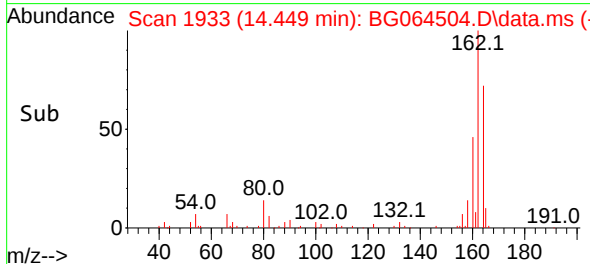
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



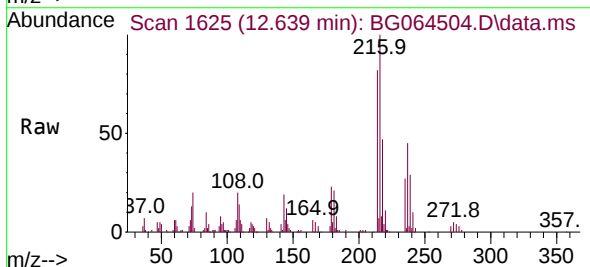
Tgt Ion:164 Resp: 54190
Ion Ratio Lower Upper
164 100
162 98.4 82.2 123.2
160 45.1 34.3 51.5

Manual Integrations
APPROVED

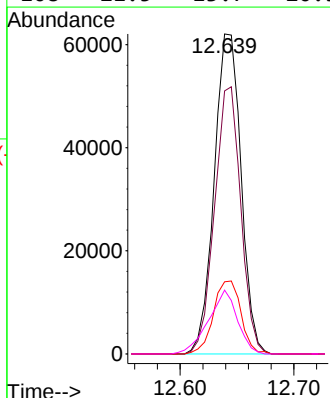
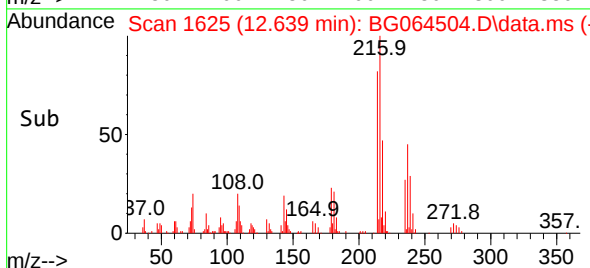
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

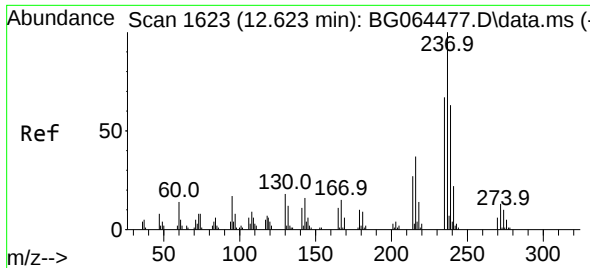


#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.225 ng
RT: 12.639 min Scan# 1625
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33



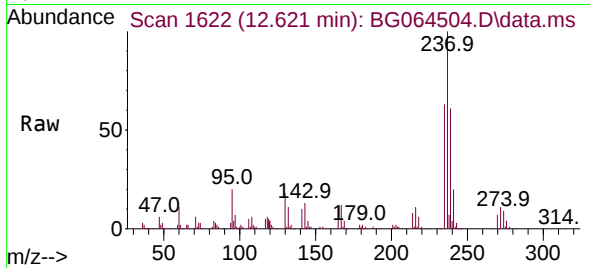
Tgt Ion:216 Resp: 101876
Ion Ratio Lower Upper
216 100
214 81.3 62.5 93.7
179 23.3 17.0 25.6
108 21.5 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 157.936 ng
RT: 12.621 min Scan# 1623
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

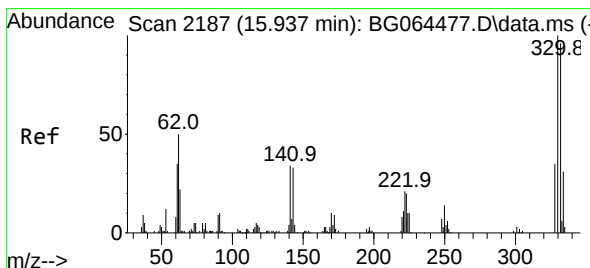
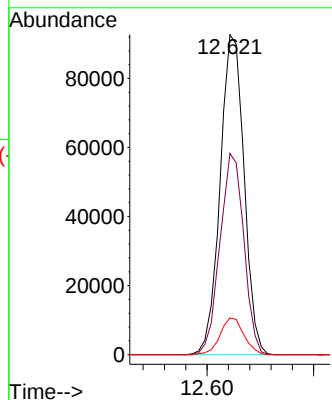
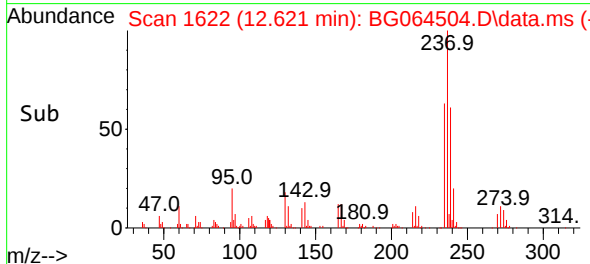
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



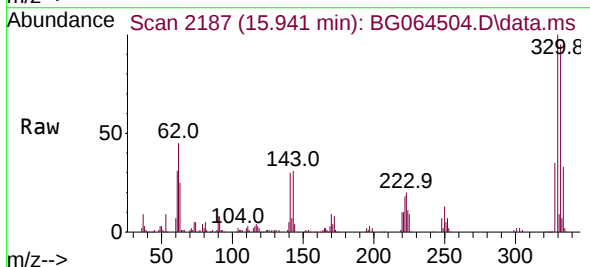
Tgt Ion:237 Resp: 14455
Ion Ratio Lower Upper
237 100
235 62.9 46.9 86.9
272 11.5 0.0 32.6

Manual Integrations
APPROVED

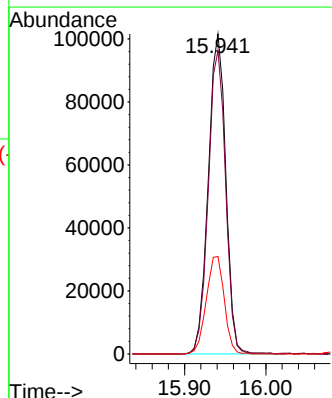
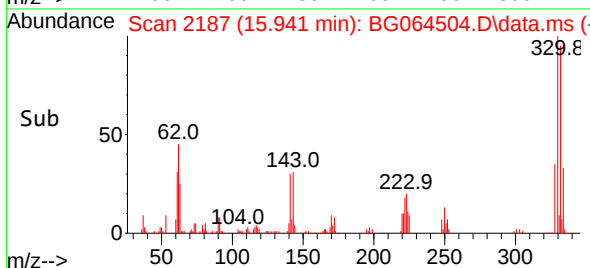
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

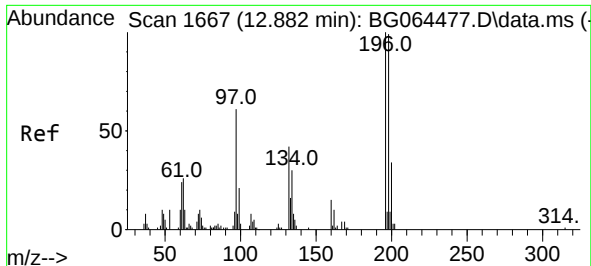


#42
2,4,6-Tribromophenol
Concen: 154.840 ng
RT: 15.941 min Scan# 2187
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33



Tgt Ion:330 Resp: 152095
Ion Ratio Lower Upper
330 100
332 93.5 77.4 116.0
141 31.3 25.8 38.6





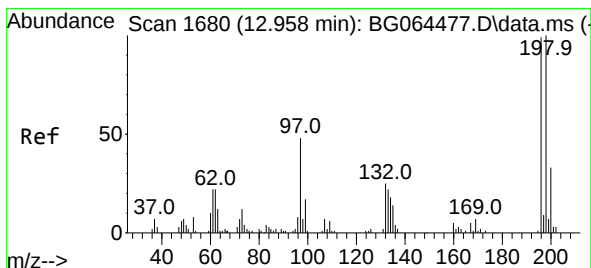
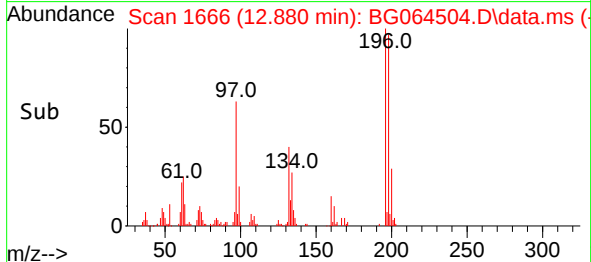
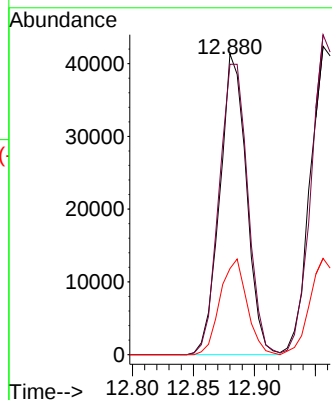
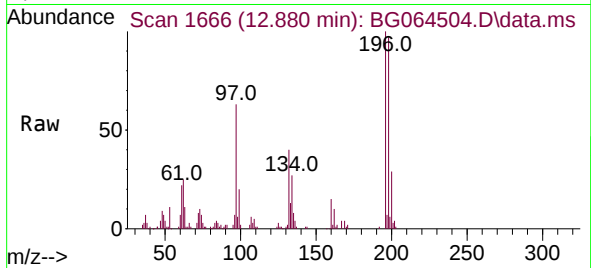
#43
2,4,6-Trichlorophenol
Concen: 56.273 ng
RT: 12.880 min Scan# 1667
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD

Tgt Ion:196 Resp: 62942
Ion Ratio Lower Upper
196 100
198 96.5 79.3 118.9
200 28.6 27.4 41.2

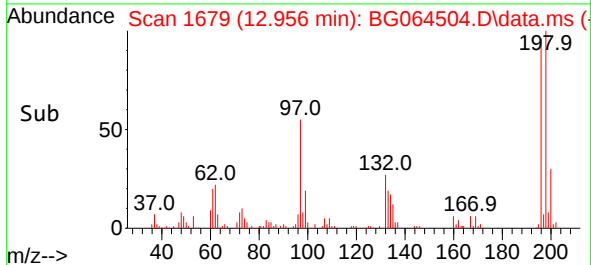
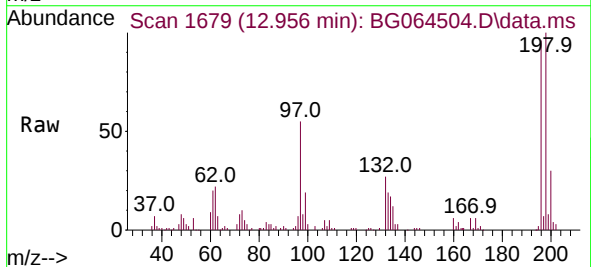
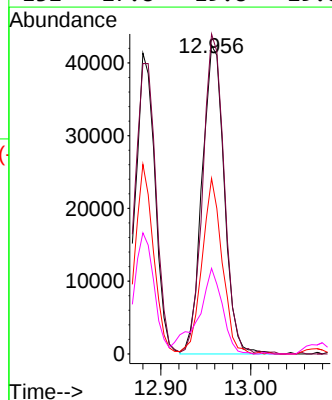
Manual Integrations
APPROVED

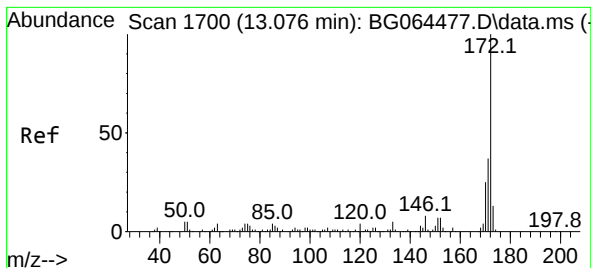
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#44
2,4,5-Trichlorophenol
Concen: 58.417 ng
RT: 12.956 min Scan# 1679
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

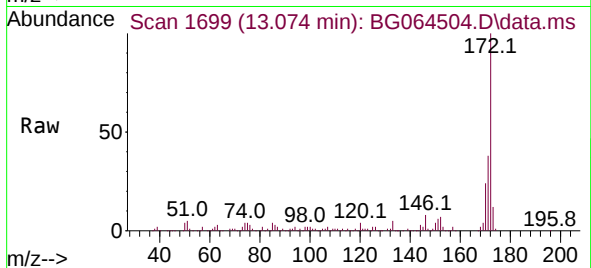
Tgt Ion:196 Resp: 72947
Ion Ratio Lower Upper
196 100
198 103.8 80.3 120.5
97 56.9 39.4 59.0
132 27.8 19.8 29.8





#45
2-Fluorobiphenyl
Concen: 96.499 ng
RT: 13.074 min Scan# 1699
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

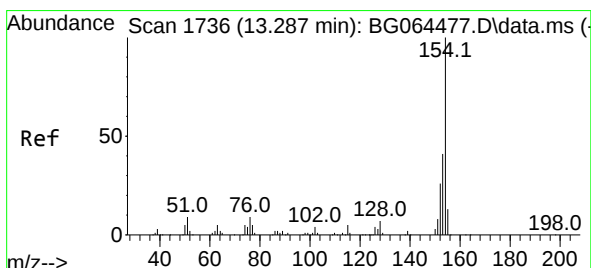
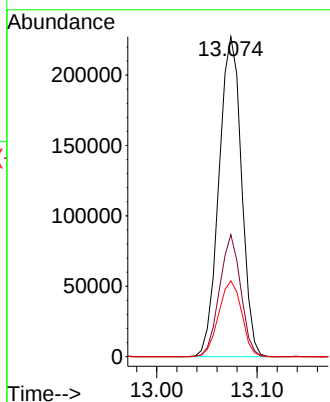
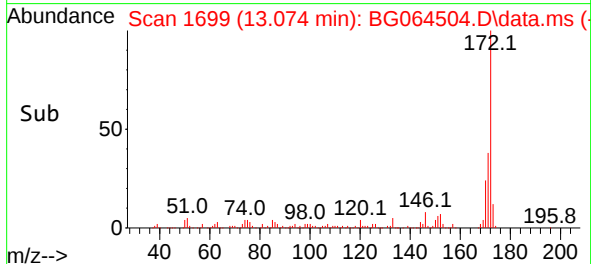
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



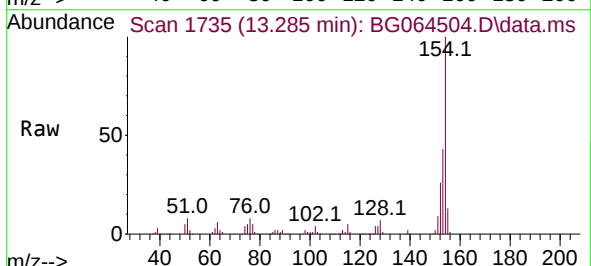
Tgt Ion:172 Resp: 354768
Ion Ratio Lower Upper
172 100
171 38.1 29.6 44.4
170 23.7 20.2 30.2

Manual Integrations
APPROVED

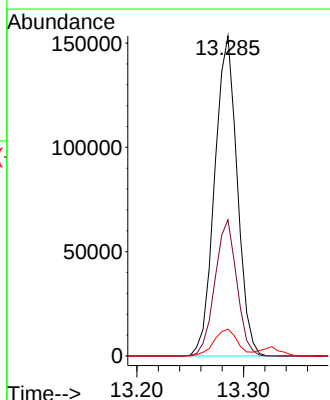
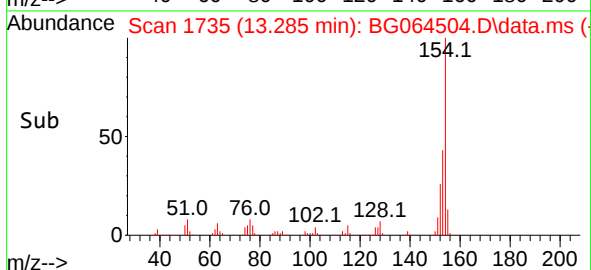
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

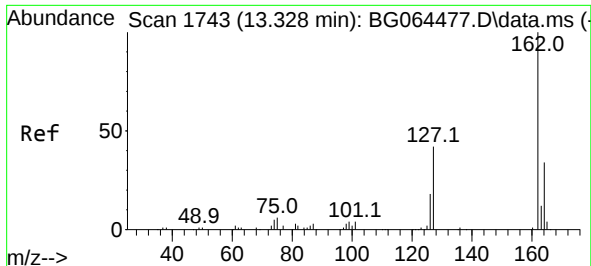


#46
1,1'-Biphenyl
Concen: 57.907 ng
RT: 13.285 min Scan# 1735
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33



Tgt Ion:154 Resp: 225695
Ion Ratio Lower Upper
154 100
153 42.5 20.7 60.7
76 8.4 0.0 29.3





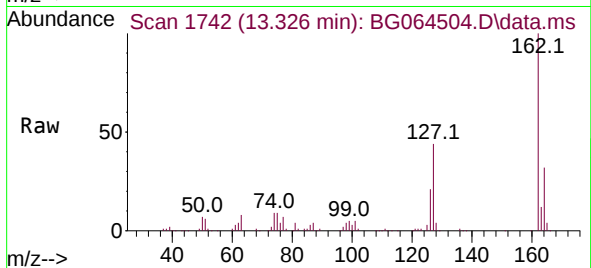
#47
2-Chloronaphthalene
Concen: 52.608 ng
RT: 13.326 min Scan# 1743
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Instrument :

BNA_G

ClientSampleId :

P001-DS-01MSD

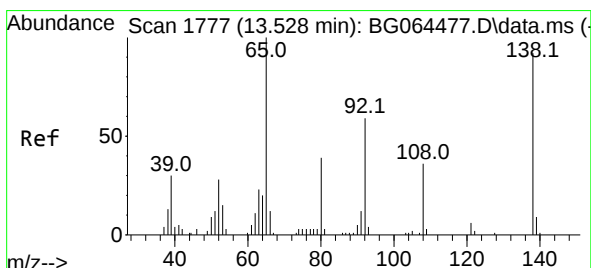
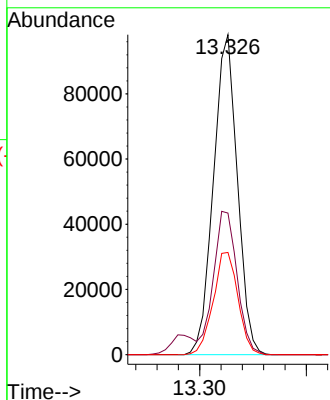
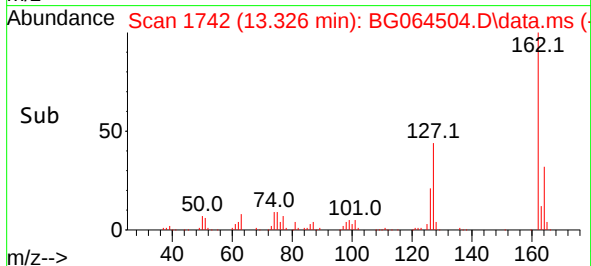


Tgt Ion:162 Resp: 153088
Ion Ratio Lower Upper
162 100
127 44.2 35.8 53.8
164 31.9 27.2 40.8

Manual Integrations

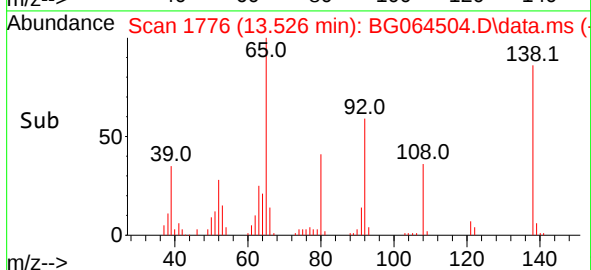
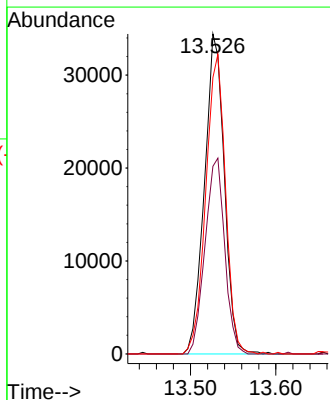
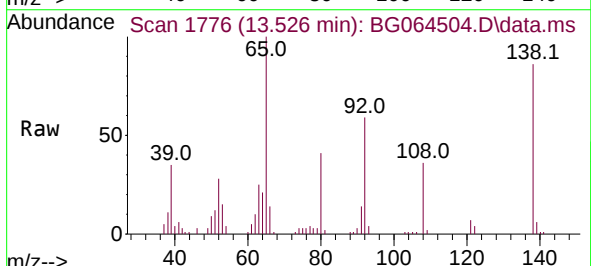
APPROVED

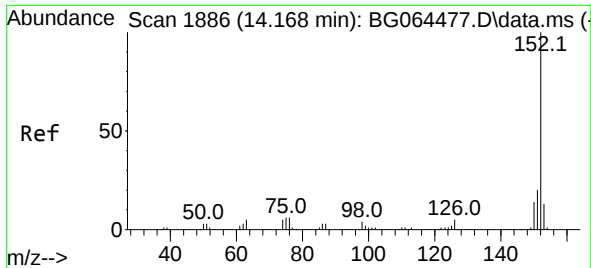
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#48
2-Nitroaniline
Concen: 55.996 ng
RT: 13.526 min Scan# 1776
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

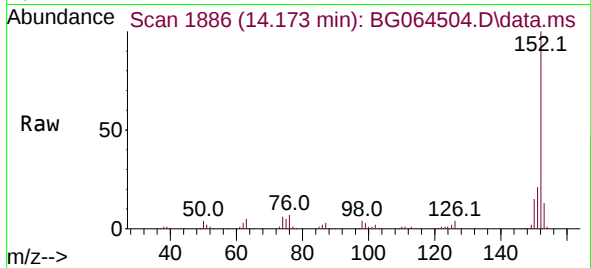
Tgt Ion: 65 Resp: 55614
Ion Ratio Lower Upper
65 100
92 58.6 47.0 70.6
138 86.4 73.5 110.3





#49
Acenaphthylene
Concen: 60.599 ng
RT: 14.173 min Scan# 1886
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

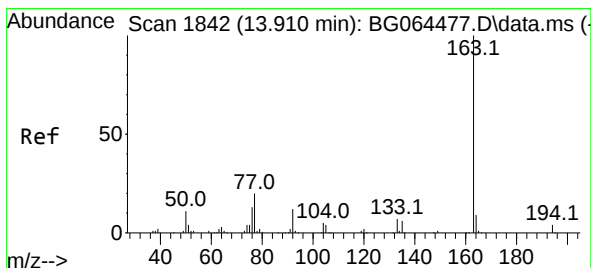
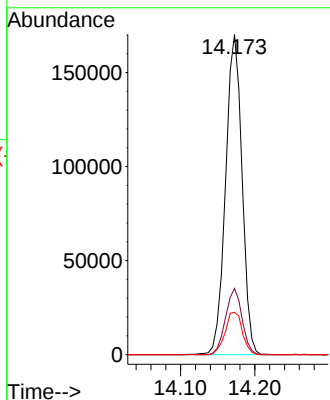
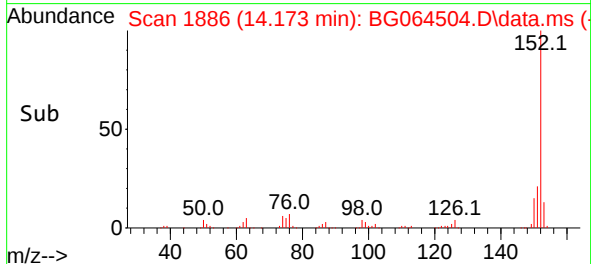
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



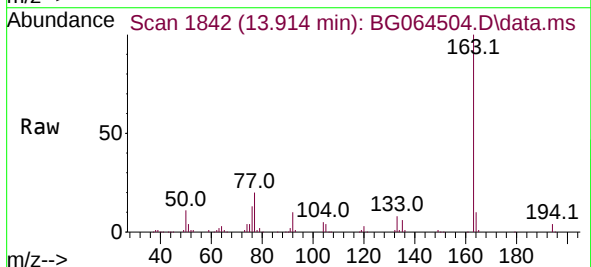
Tgt Ion:152 Resp: 261776
Ion Ratio Lower Upper
152 100
151 20.7 15.8 23.6
153 13.2 10.6 15.8

Manual Integrations
APPROVED

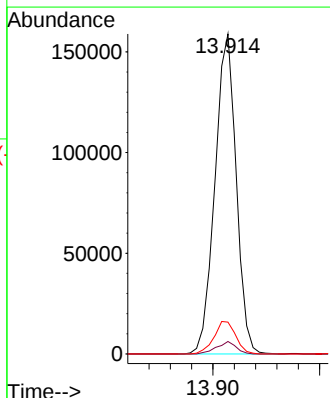
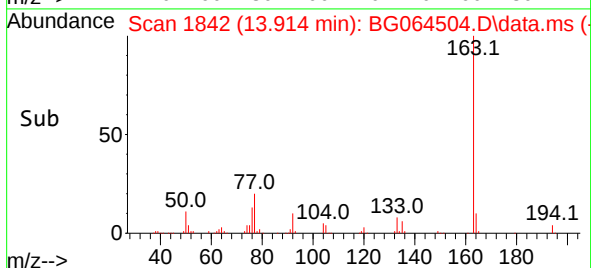
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

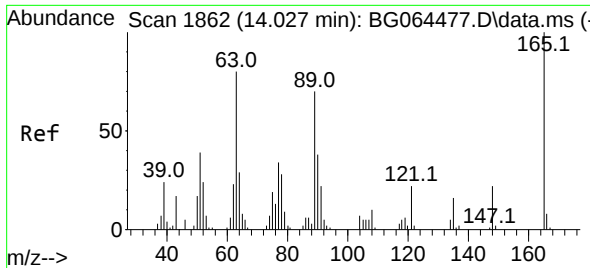


#50
Dimethylphthalate
Concen: 51.948 ng
RT: 13.914 min Scan# 1842
Delta R.T. 0.012 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33



Tgt Ion:163 Resp: 220475
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 10.0 7.4 11.0





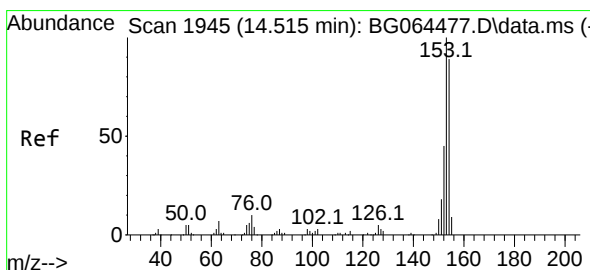
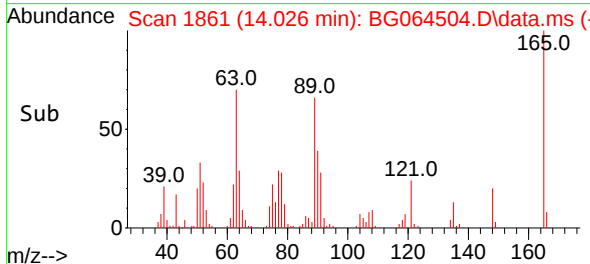
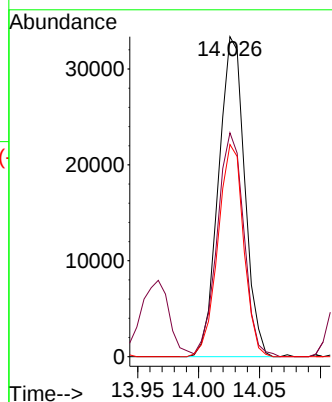
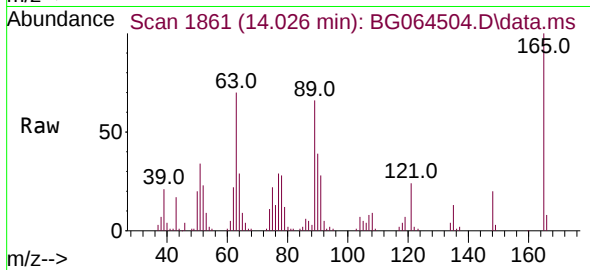
#51
2,6-Dinitrotoluene
Concen: 56.125 ng
RT: 14.026 min Scan# 1861
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD

Tgt Ion:165 Resp: 4962
Ion Ratio Lower Upper
165 100
63 69.9 63.9 95.9
89 66.3 56.1 84.1

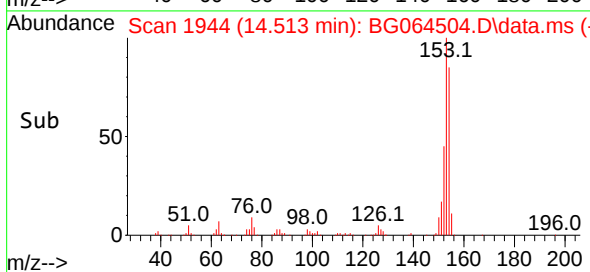
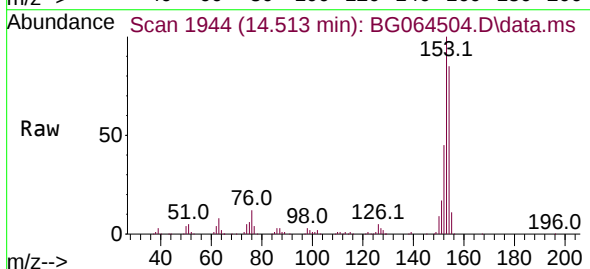
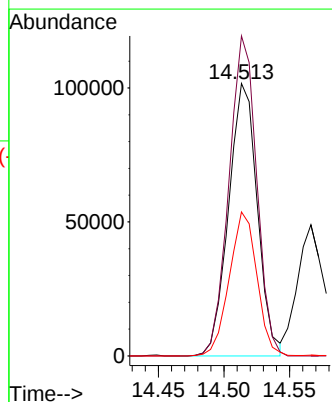
Manual Integrations
APPROVED

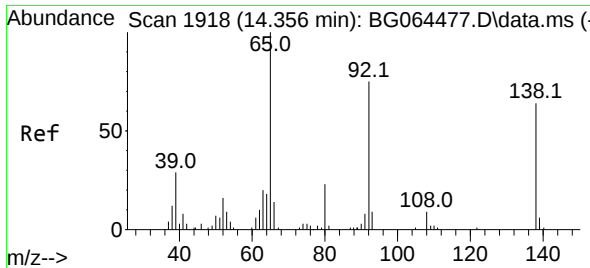
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#52
Acenaphthene
Concen: 51.581 ng
RT: 14.513 min Scan# 1944
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Tgt Ion:154 Resp: 154801
Ion Ratio Lower Upper
154 100
153 117.5 90.2 135.4
152 52.8 40.2 60.4





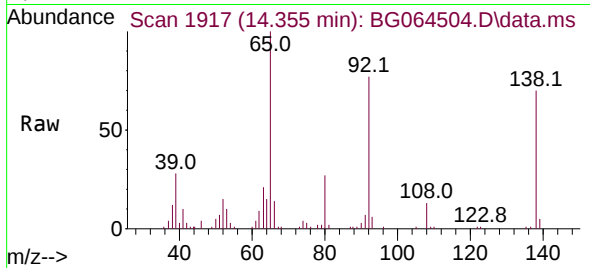
#53
3-Nitroaniline
Concen: 35.752 ng
RT: 14.355 min Scan# 1918
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Instrument :

BNA_G

ClientSampleId :

P001-DS-01MSD

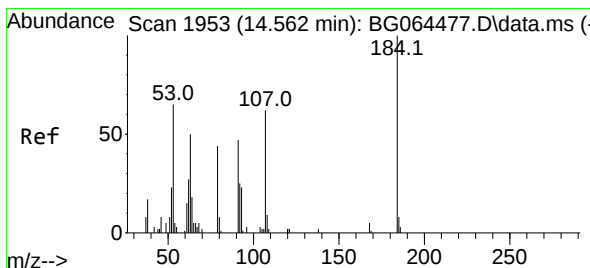
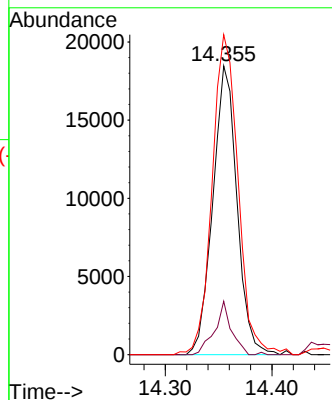
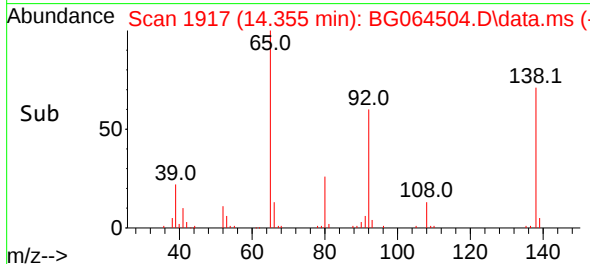


Tgt Ion:138 Resp: 2915
Ion Ratio Lower Upper
138 100
108 18.5 10.6 15.8
92 110.8 93.2 139.8

Manual Integrations

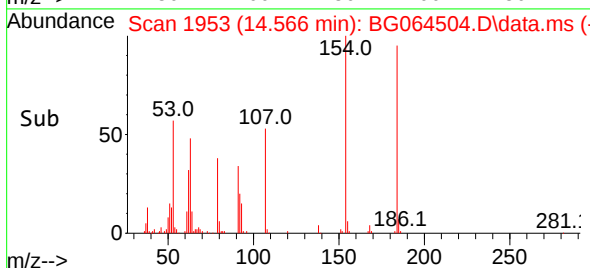
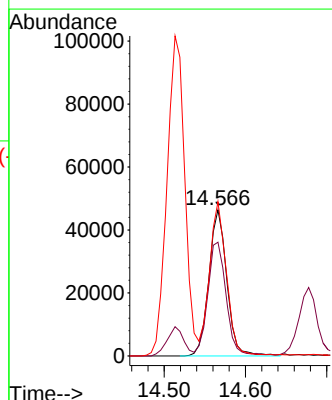
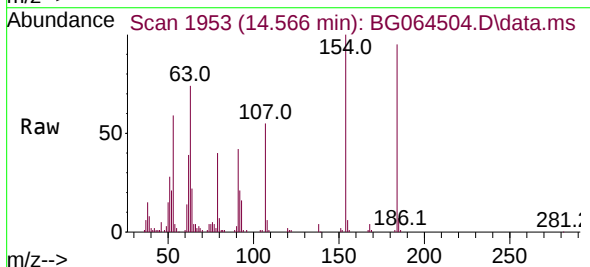
APPROVED

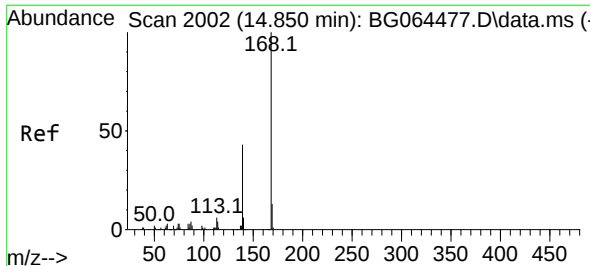
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#54
2,4-Dinitrophenol
Concen: 111.146 ng
RT: 14.566 min Scan# 1953
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

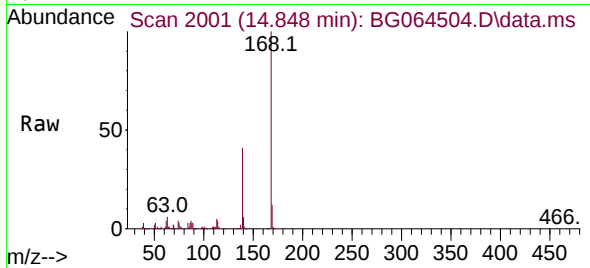
Tgt Ion:184 Resp: 71254
Ion Ratio Lower Upper
184 100
63 77.8 69.0 103.4
154 105.5 95.6 143.4





#55
Dibenzenofuran
Concen: 53.444 ng
RT: 14.848 min Scan# 2002
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

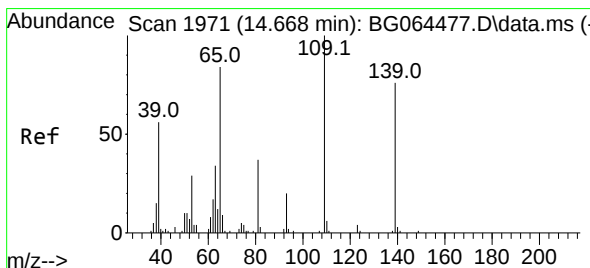
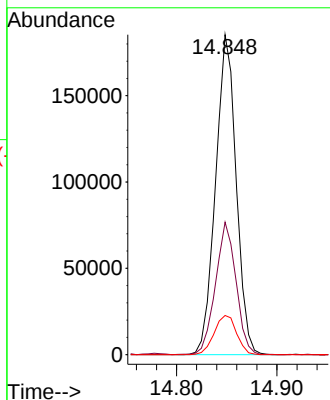
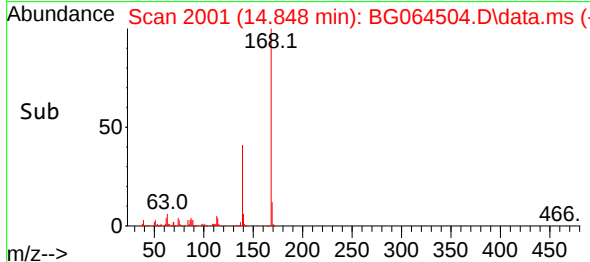
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



Tgt Ion:168 Resp: 264830
Ion Ratio Lower Upper
168 100
139 41.4 34.0 51.0
169 12.2 10.2 15.2

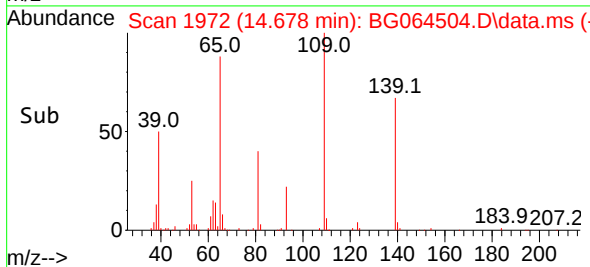
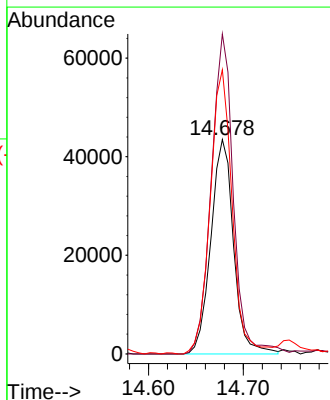
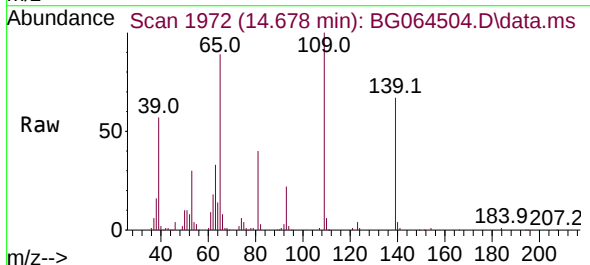
Manual Integrations
APPROVED

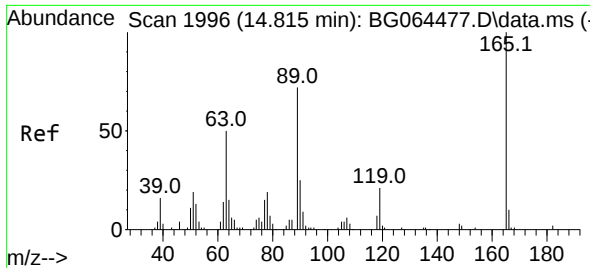
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#56
4-Nitrophenol
Concen: 112.361 ng
RT: 14.678 min Scan# 1972
Delta R.T. 0.012 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

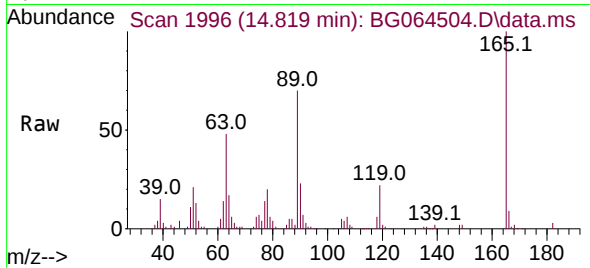
Tgt Ion:139 Resp: 72131
Ion Ratio Lower Upper
139 100
109 149.4 111.8 151.8
65 132.6 91.1 131.1#





#57
2,4-Dinitrotoluene
Concen: 55.288 ng
RT: 14.819 min Scan# 1996
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

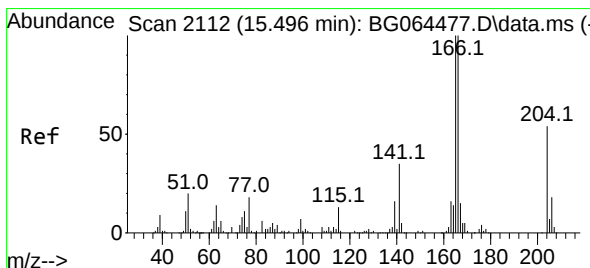
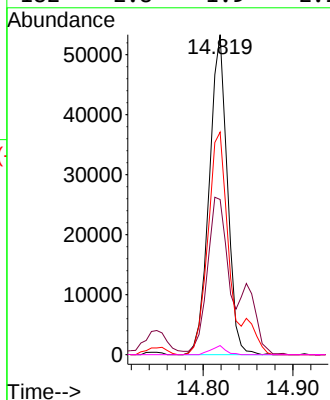
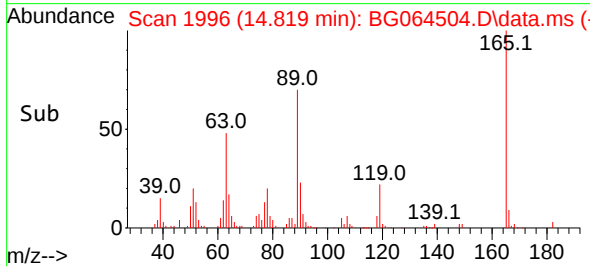
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



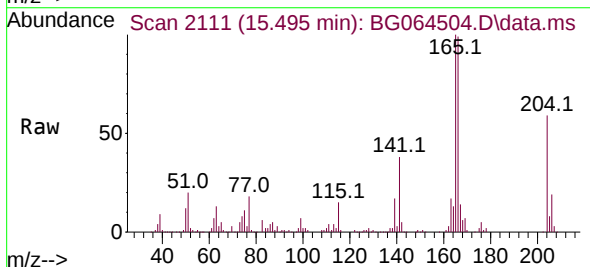
Tgt Ion:165 Resp: 74724
Ion Ratio Lower Upper
165 100
63 48.5 40.4 60.6
89 69.5 57.3 85.9
182 2.8 1.9 2.9

Manual Integrations
APPROVED

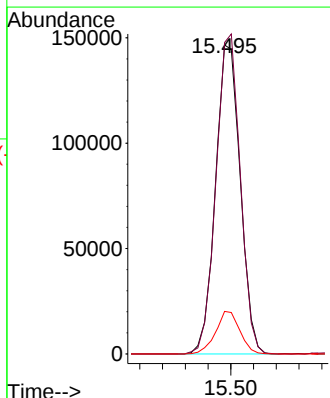
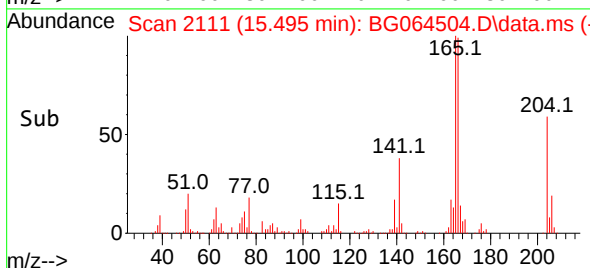
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

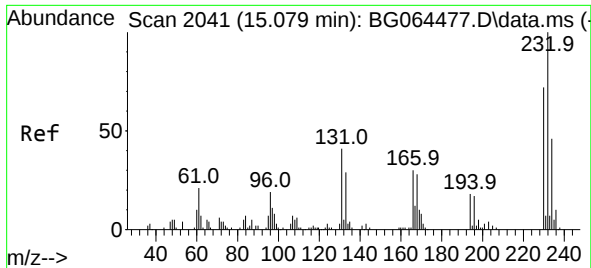


#58
Fluorene
Concen: 53.798 ng
RT: 15.495 min Scan# 2111
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33



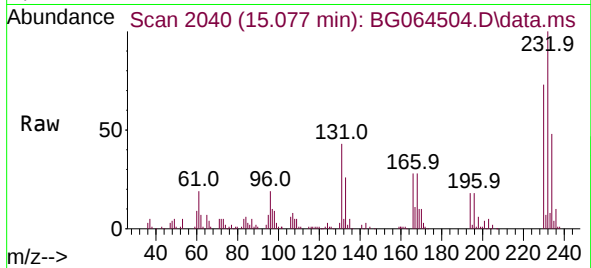
Tgt Ion:166 Resp: 221624
Ion Ratio Lower Upper
166 100
165 100.8 79.8 119.6
167 13.8 11.7 17.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 57.039 ng m
RT: 15.077 min Scan# 2041
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

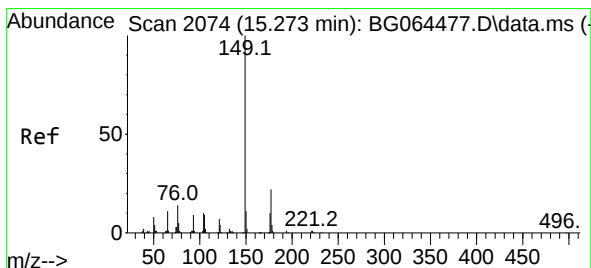
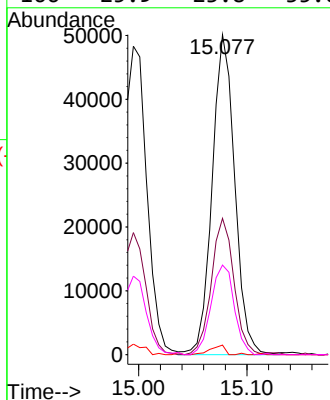
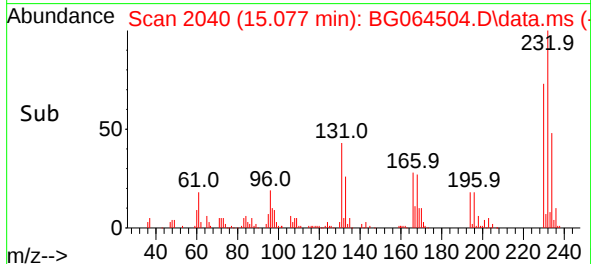
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



Tgt Ion:232 Resp: 72690
Ion Ratio Lower Upper
232 100
131 39.3 35.0 52.4
130 2.9 2.0 3.0
166 25.9 23.8 35.6

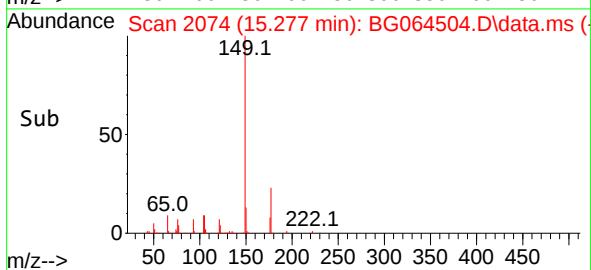
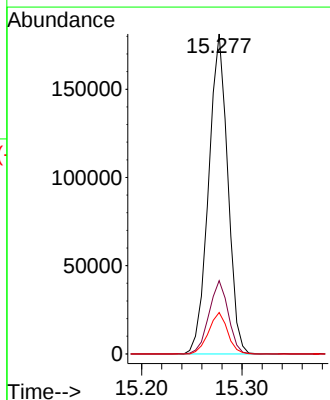
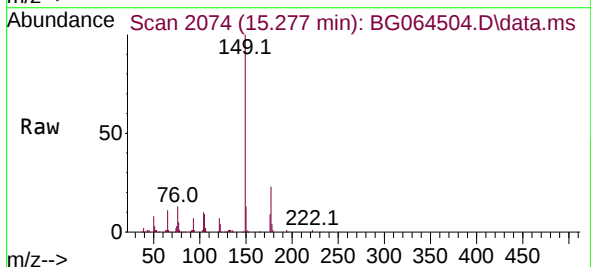
Manual Integrations
APPROVED

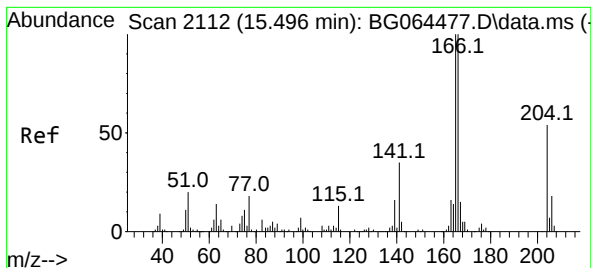
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#60
Diethylphthalate
Concen: 52.688 ng
RT: 15.277 min Scan# 2074
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Tgt Ion:149 Resp: 239887
Ion Ratio Lower Upper
149 100
177 22.9 17.4 26.0
150 12.9 9.1 13.7





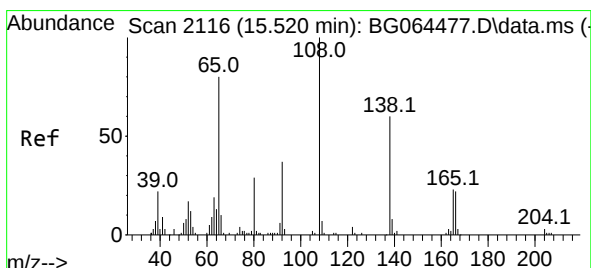
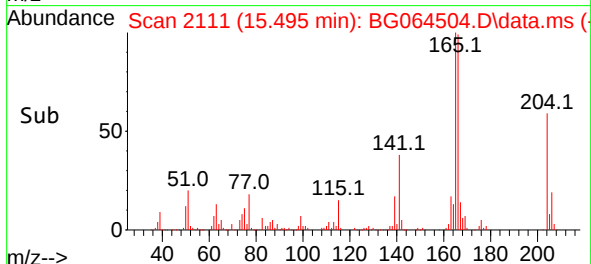
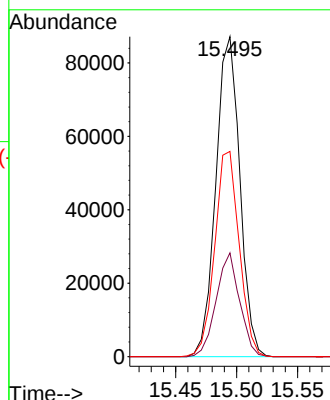
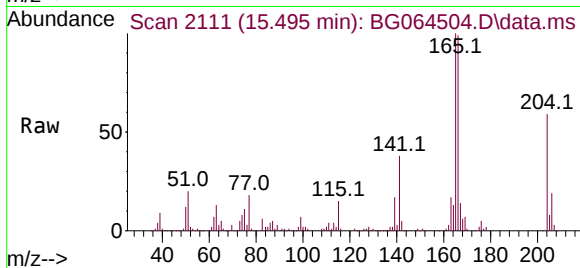
#61
4-Chlorophenyl-phenylether
Concen: 53.056 ng
RT: 15.495 min Scan# 2112
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD

Tgt Ion:204 Resp: 11932
Ion Ratio Lower Upper
204 100
206 32.4 27.1 40.7
141 64.1 51.5 77.3

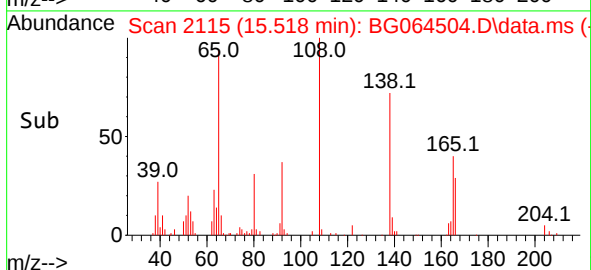
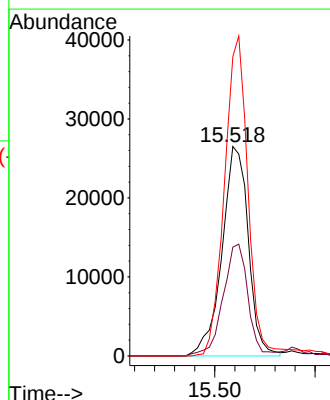
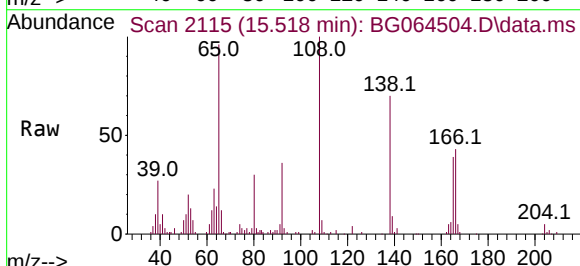
Manual Integrations
APPROVED

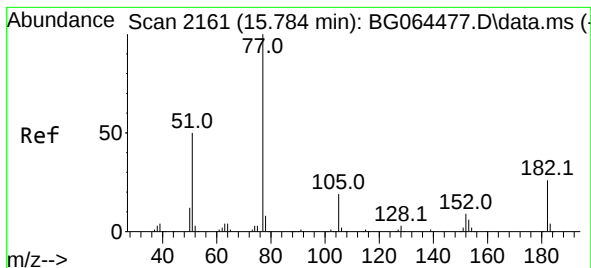
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#62
4-Nitroaniline
Concen: 56.864 ng
RT: 15.518 min Scan# 2115
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

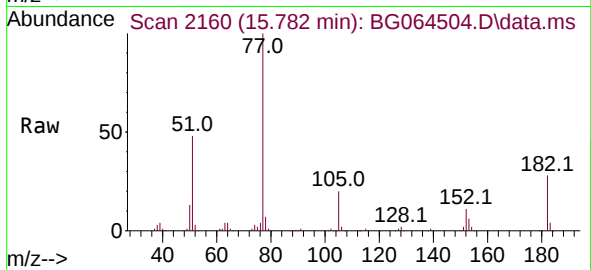
Tgt Ion:138 Resp: 48325
Ion Ratio Lower Upper
138 100
92 51.9 42.3 82.3
108 142.9 147.7 187.7#





#63
Azobenzene
Concen: 53.509 ng
RT: 15.782 min Scan# 2161
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

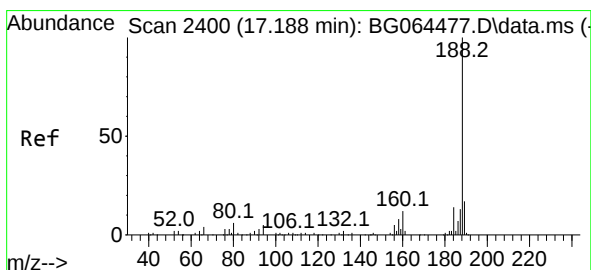
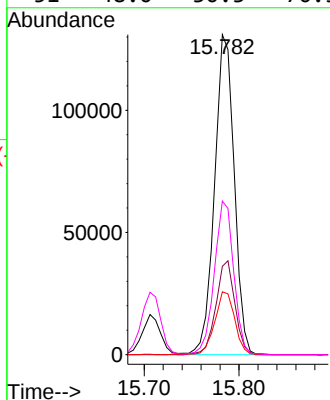
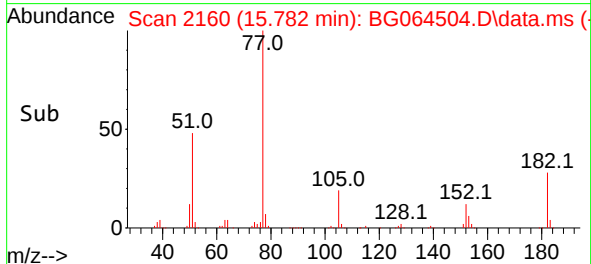
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



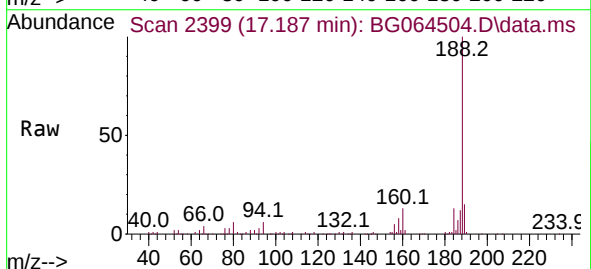
Tgt Ion: 77 Resp: 188672
Ion Ratio Lower Upper
77 100
182 27.6 6.3 46.3
105 19.6 0.0 38.7
51 48.0 30.3 70.3

Manual Integrations
APPROVED

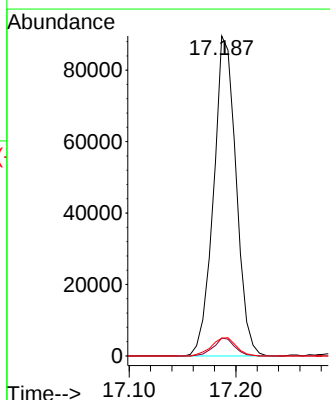
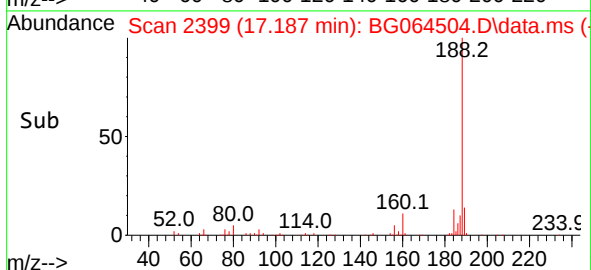
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

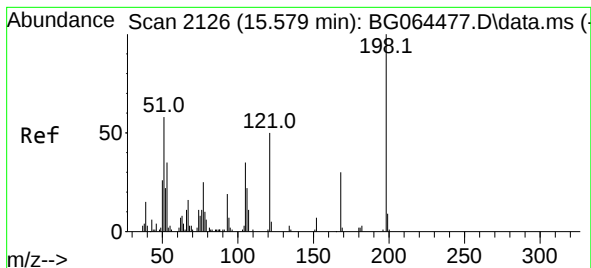


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.187 min Scan# 2399
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33



Tgt Ion:188 Resp: 131474
Ion Ratio Lower Upper
188 100
94 5.6 3.7 5.5#
80 5.5 4.5 6.7





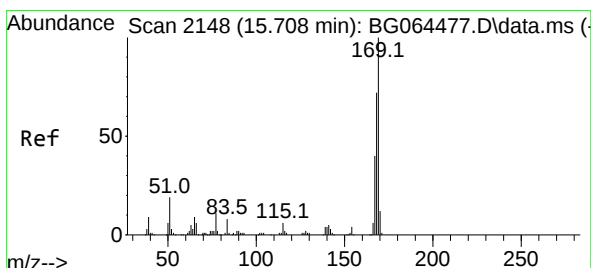
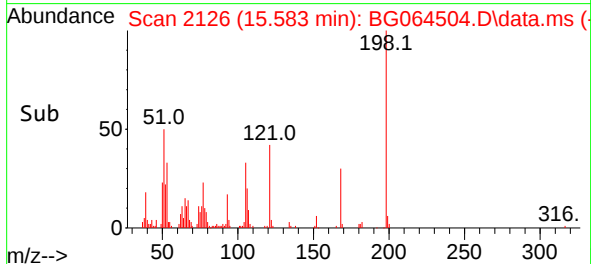
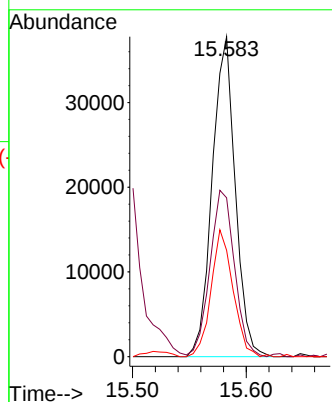
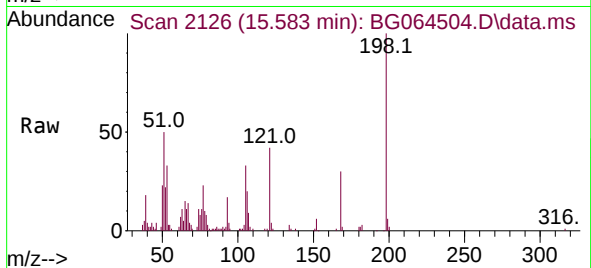
#65
4,6-Dinitro-2-methylphenol
Concen: 58.015 ng
RT: 15.583 min Scan# 2126
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD

Tgt Ion:198 Resp: 53108
Ion Ratio Lower Upper
198 100
51 49.7 39.0 79.0
105 33.2 15.8 55.8

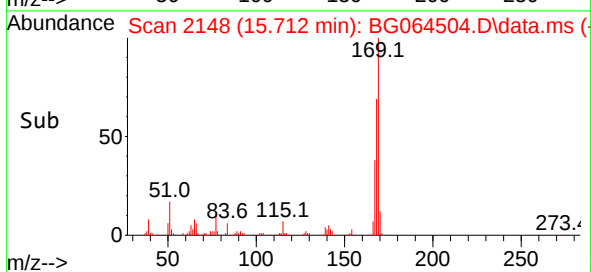
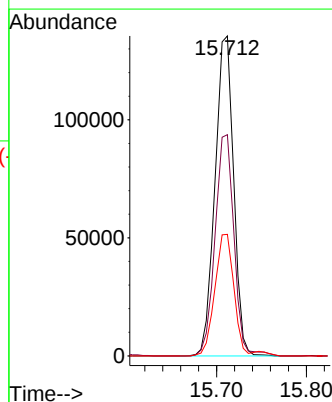
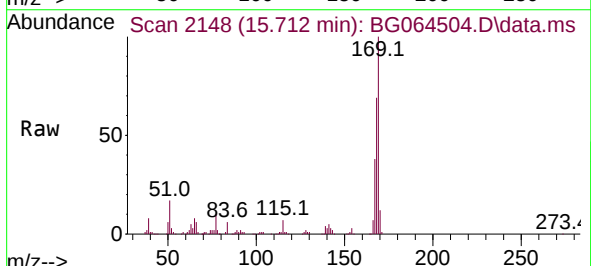
Manual Integrations
APPROVED

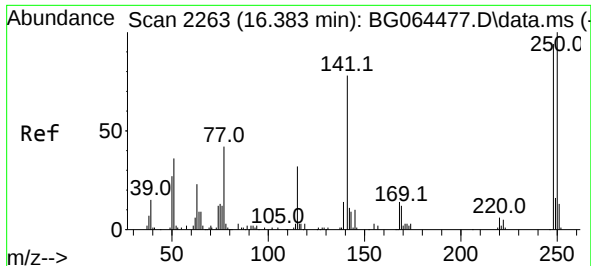
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#66
n-Nitrosodiphenylamine
Concen: 55.558 ng
RT: 15.712 min Scan# 2148
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Tgt Ion:169 Resp: 195059
Ion Ratio Lower Upper
169 100
168 69.1 57.8 86.6
167 38.0 31.7 47.5





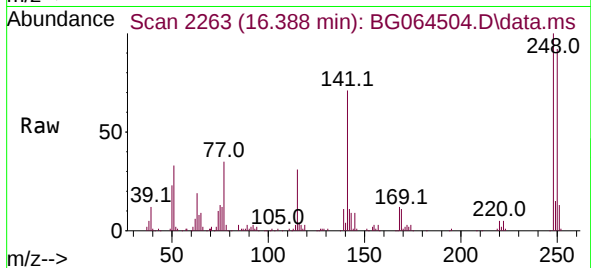
#67
4-Bromophenyl-phenylether
Concen: 55.160 ng
RT: 16.388 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Instrument :

BNA_G

ClientSampleId :

P001-DS-01MSD

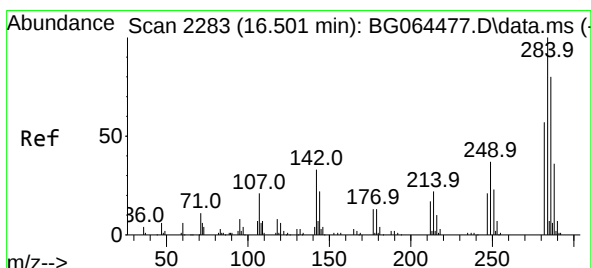
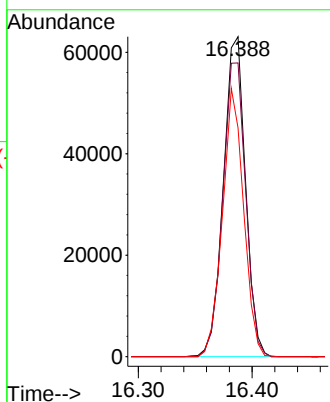
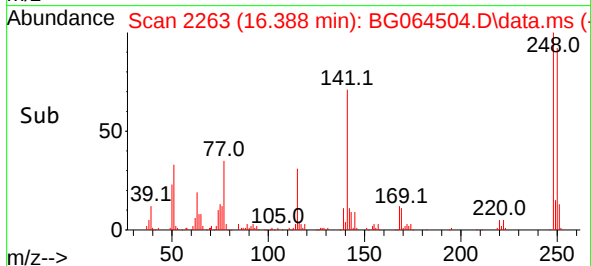


Tgt Ion:248 Resp: 8534
Ion Ratio Lower Upper
248 100
250 91.8 85.3 127.9
141 71.5 66.2 99.2

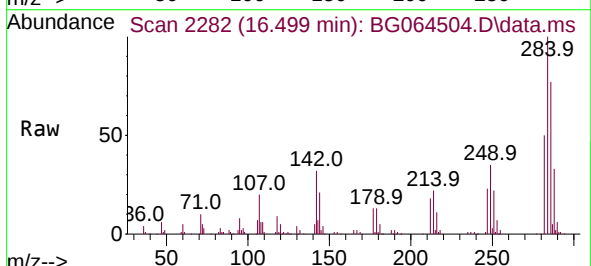
Manual Integrations

APPROVED

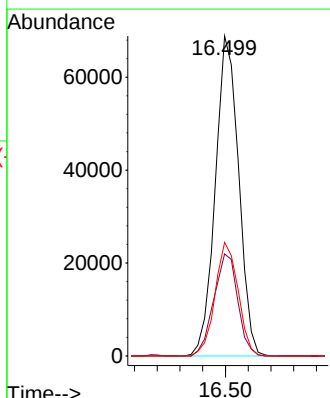
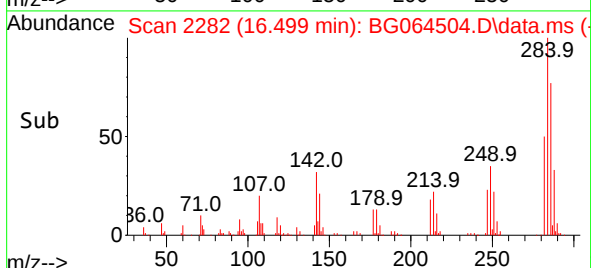
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

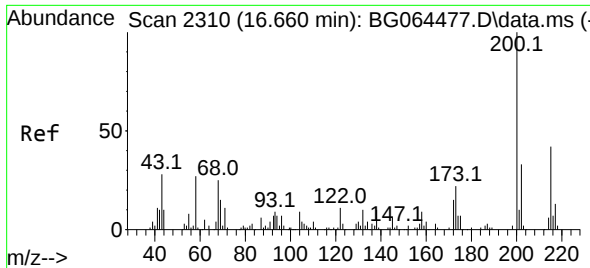


#68
Hexachlorobenzene
Concen: 55.419 ng
RT: 16.499 min Scan# 2282
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33



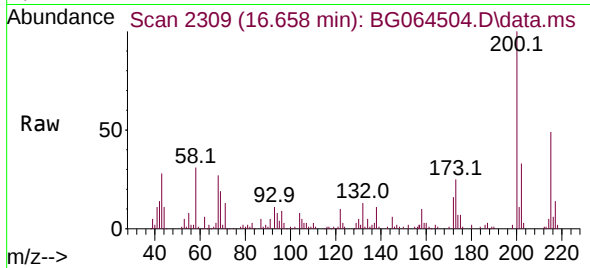
Tgt Ion:284 Resp: 98113
Ion Ratio Lower Upper
284 100
142 31.9 26.2 39.2
249 35.5 29.4 44.0





#69
 Atrazine
 Concen: 45.106 ng
 RT: 16.658 min Scan# 2309
 Delta R.T. 0.007 min
 Lab File: BG064504.D
 Acq: 14 Oct 2025 17:33

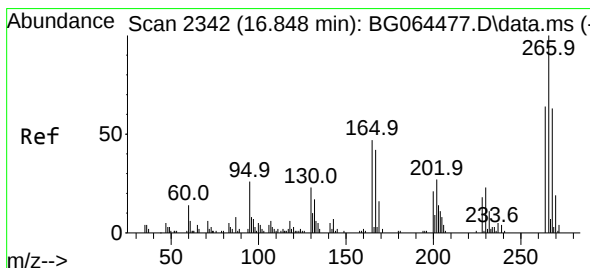
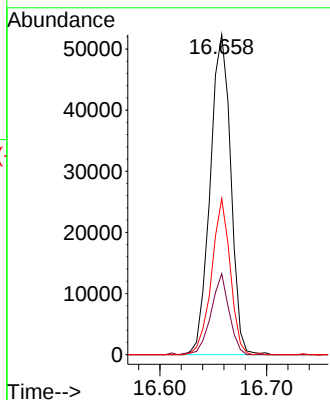
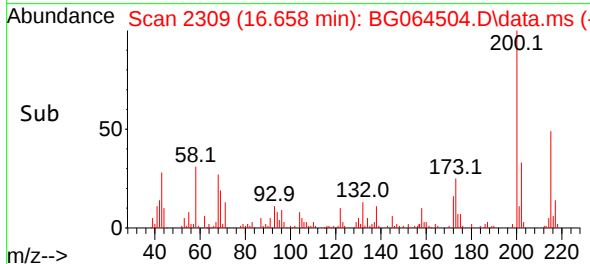
Instrument :
 BNA_G
 ClientSampleId :
 P001-DS-01MSD



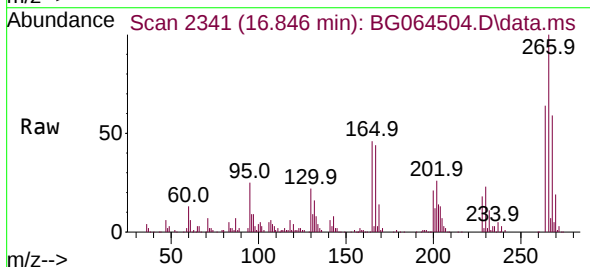
Tgt Ion:200 Resp: 70456
 Ion Ratio Lower Upper
 200 100
 173 25.3 2.5 42.5
 215 48.7 21.5 61.5

Manual Integrations
 APPROVED

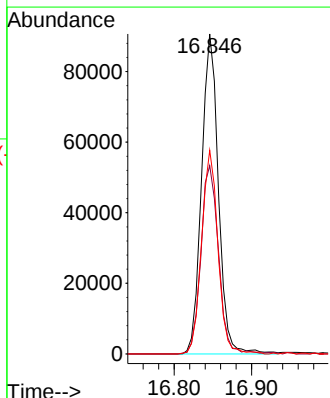
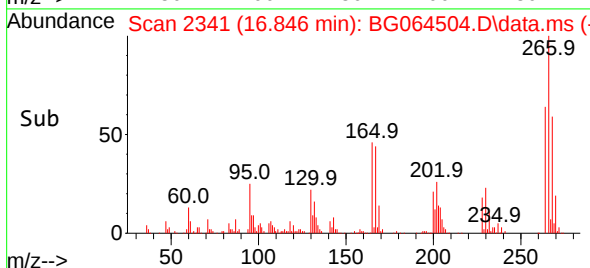
Reviewed By :Jagrut Upadhyay 10/15/2025
 Supervised By :mohammad ahmed 10/17/2025

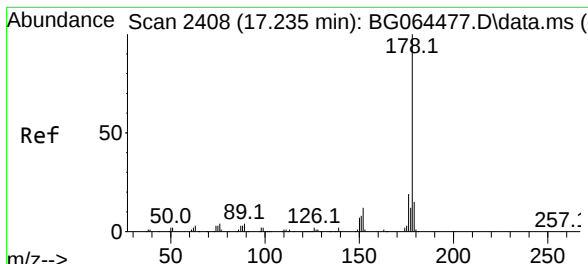


#70
 Pentachlorophenol
 Concen: 132.140 ng
 RT: 16.846 min Scan# 2341
 Delta R.T. 0.001 min
 Lab File: BG064504.D
 Acq: 14 Oct 2025 17:33



Tgt Ion:266 Resp: 136781
 Ion Ratio Lower Upper
 266 100
 268 58.8 50.6 75.8
 264 63.6 51.2 76.8





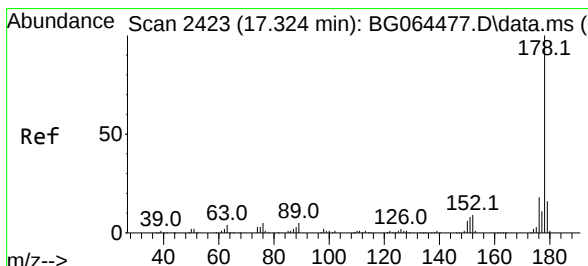
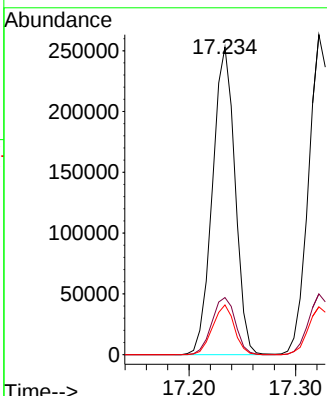
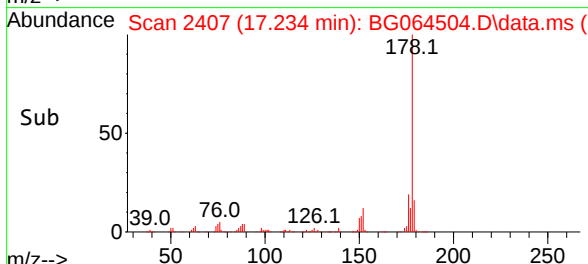
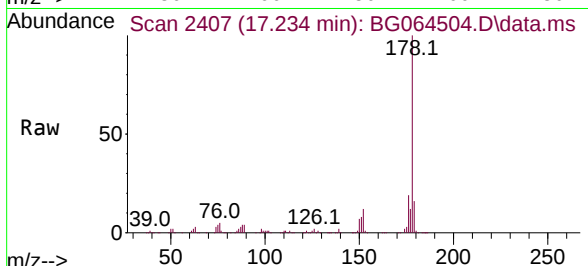
#71
 Phenanthrene
 Concen: 54.165 ng
 RT: 17.234 min Scan# 2408
 Delta R.T. 0.007 min
 Lab File: BG064504.D
 Acq: 14 Oct 2025 17:33

Instrument :
 BNA_G
 ClientSampleId :
 P001-DS-01MSD

Tgt Ion:	178	Resp:	372408
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.2	22.8
179	16.2	11.8	17.6

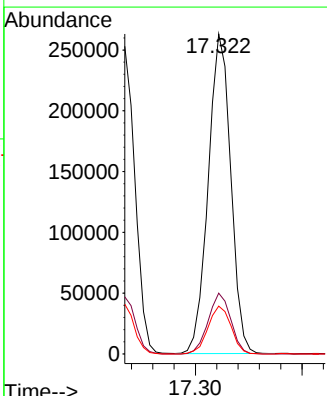
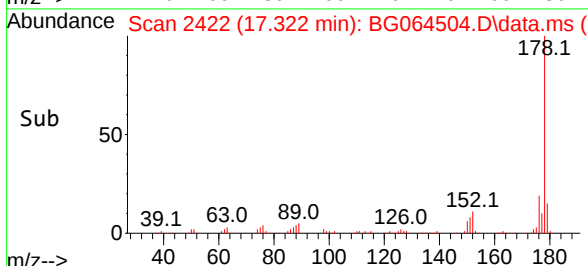
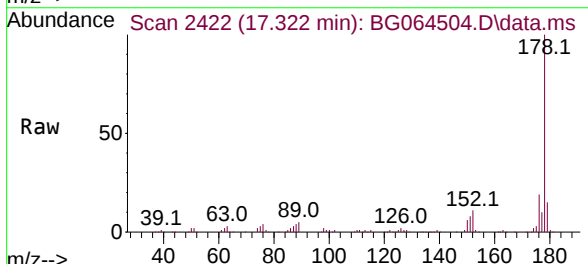
Manual Integrations
 APPROVED

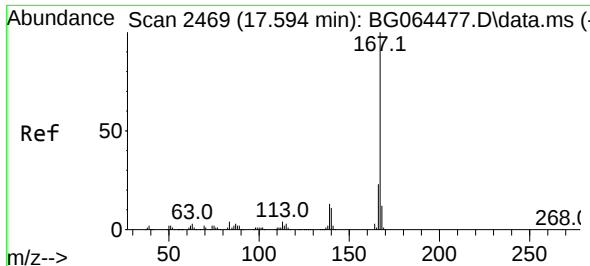
Reviewed By :Jagrut Upadhyay 10/15/2025
 Supervised By :mohammad ahmed 10/17/2025



#72
 Anthracene
 Concen: 56.026 ng
 RT: 17.322 min Scan# 2422
 Delta R.T. 0.001 min
 Lab File: BG064504.D
 Acq: 14 Oct 2025 17:33

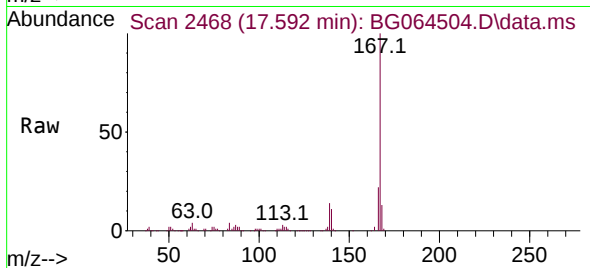
Tgt Ion:	178	Resp:	386442
Ion Ratio	Lower	Upper	
178	100		
176	19.0	14.6	21.8
179	14.9	12.5	18.7





#73
 Carbazole
 Concen: 59.017 ng
 RT: 17.592 min Scan# 2469
 Delta R.T. 0.001 min
 Lab File: BG064504.D
 Acq: 14 Oct 2025 17:33

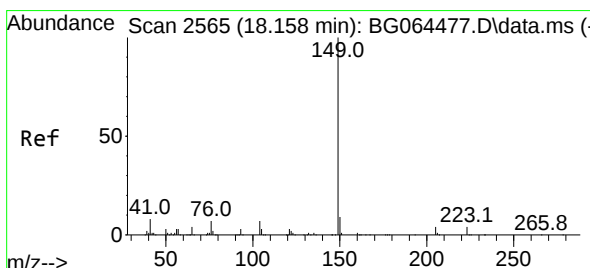
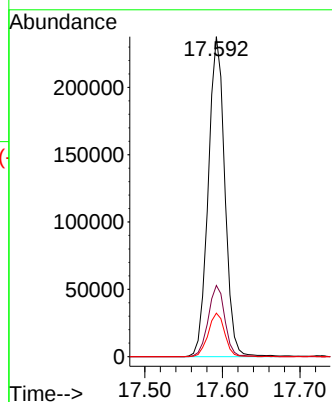
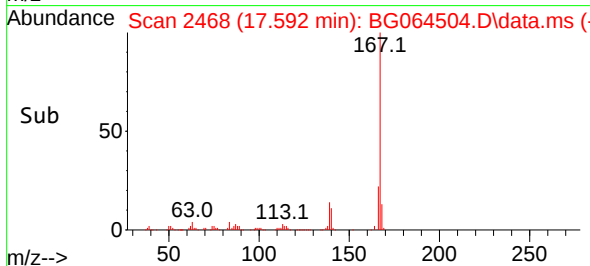
Instrument :
 BNA_G
 ClientSampleId :
 P001-DS-01MSD



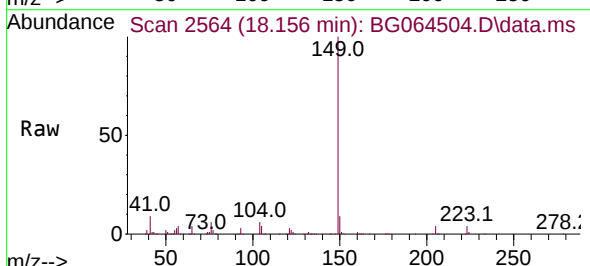
Tgt Ion:167 Resp: 351862
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.6 27.8
 139 13.6 10.2 15.4

Manual Integrations
 APPROVED

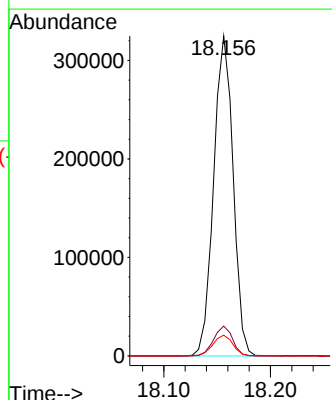
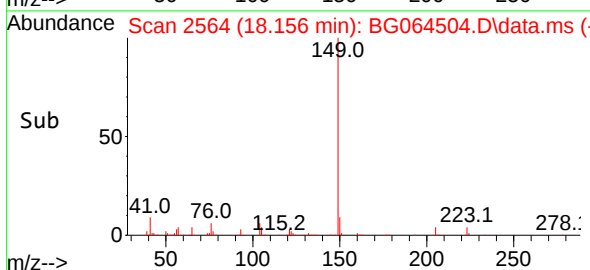
Reviewed By :Jagrut Upadhyay 10/15/2025
 Supervised By :mohammad ahmed 10/17/2025

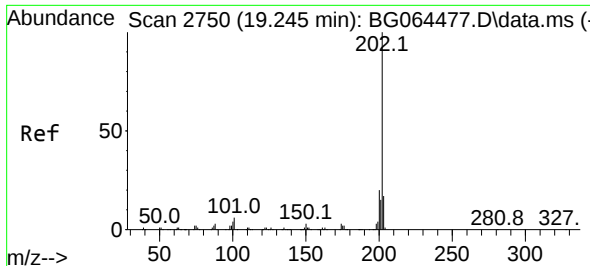


#74
 Di-n-butylphthalate
 Concen: 56.652 ng
 RT: 18.156 min Scan# 2564
 Delta R.T. 0.001 min
 Lab File: BG064504.D
 Acq: 14 Oct 2025 17:33



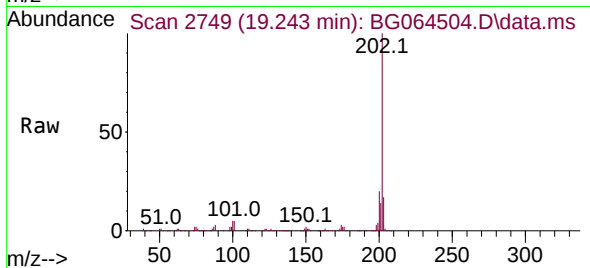
Tgt Ion:149 Resp: 412319
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 6.5 5.3 7.9





#75
Fluoranthene
Concen: 58.323 ng
RT: 19.243 min Scan# 2750
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

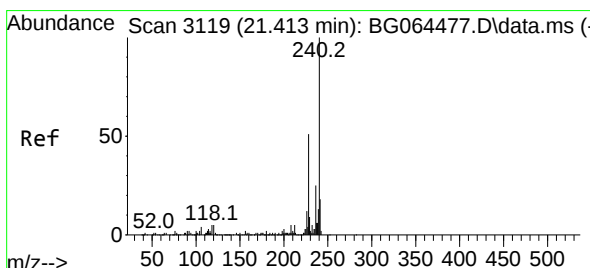
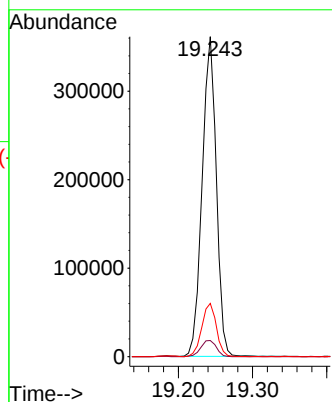
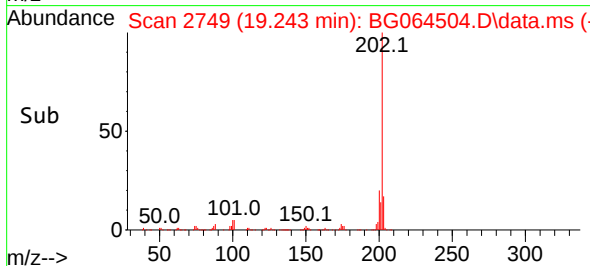
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



Tgt Ion:202 Resp: 479056
Ion Ratio Lower Upper
202 100
101 5.0 0.0 25.7
203 16.6 0.0 36.6

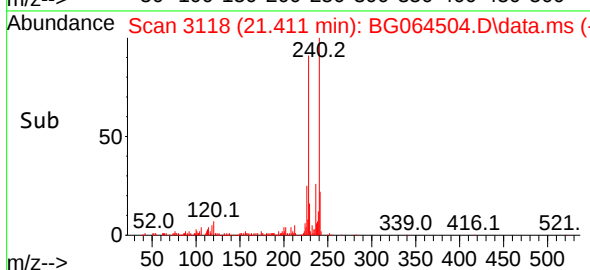
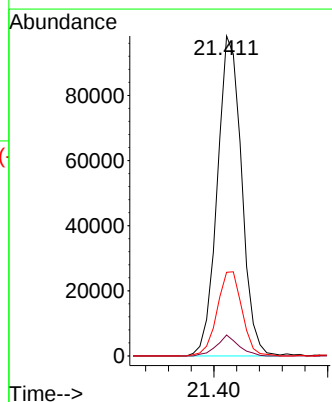
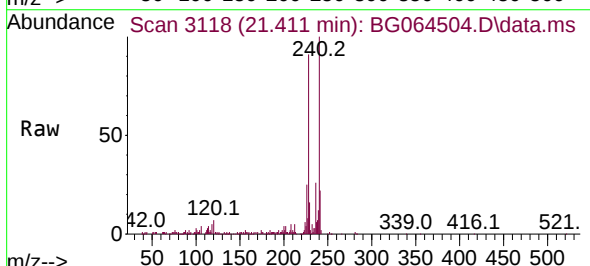
Manual Integrations
APPROVED

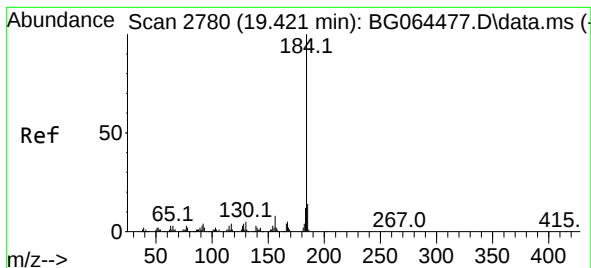
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.411 min Scan# 3118
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Tgt Ion:240 Resp: 145515
Ion Ratio Lower Upper
240 100
120 6.5 4.3 6.5#
236 26.1 20.4 30.6





#77

Benzidine

Concen: 18.383 ng

RT: 19.443 min Scan# 21

Delta R.T. 0.018 min

Lab File: BG064504.D

Acq: 14 Oct 2025 17:33

Instrument :

BNA_G

ClientSampleId :

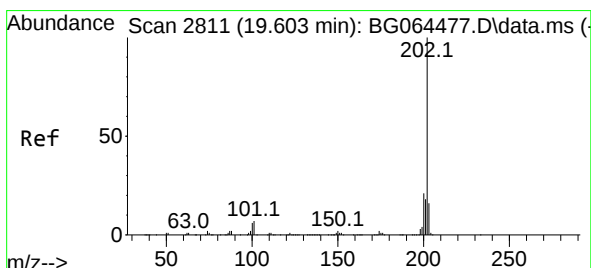
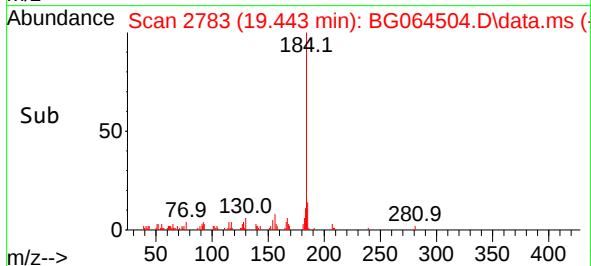
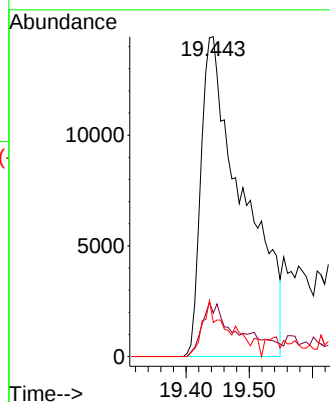
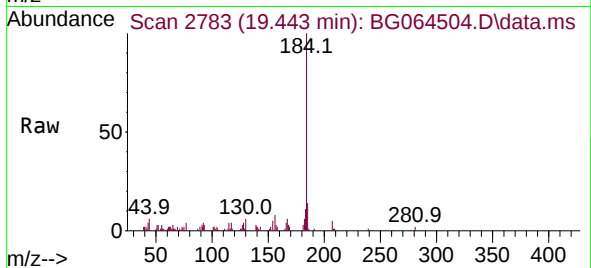
P001-DS-01MSD

Tgt Ion:184	Resp:	66563
Ion Ratio	Lower	Upper
184	100	
185	13.6	10.9 16.3
183	10.7	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#78

Pyrene

Concen: 52.114 ng

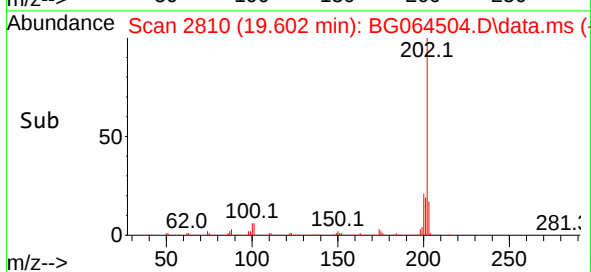
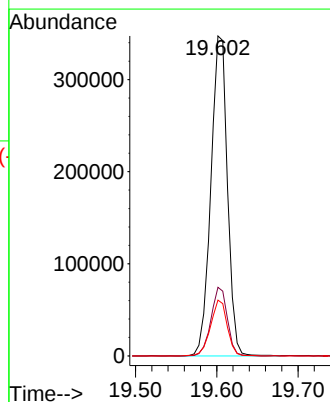
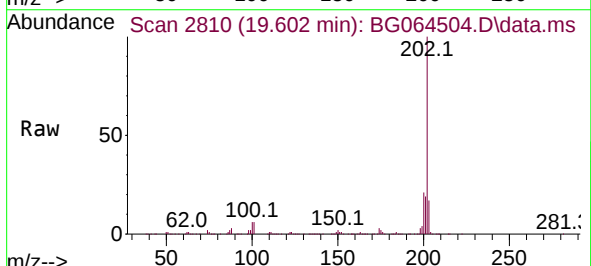
RT: 19.602 min Scan# 2810

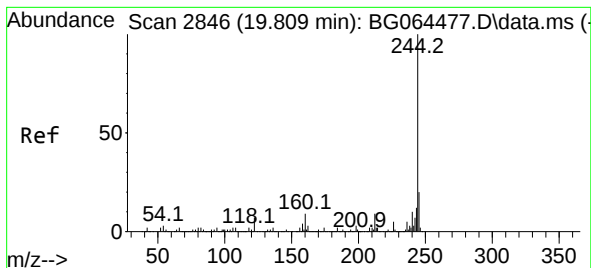
Delta R.T. 0.001 min

Lab File: BG064504.D

Acq: 14 Oct 2025 17:33

Tgt Ion:202	Resp:	492138
Ion Ratio	Lower	Upper
202	100	
200	21.4	17.0 25.4
203	17.4	13.0 19.4





#79

Terphenyl-d14

Concen: 98.133 ng

RT: 19.807 min Scan# 2846

Delta R.T. 0.001 min

Lab File: BG064504.D

Acq: 14 Oct 2025 17:33

Instrument :

BNA_G

ClientSampleId :

P001-DS-01MSD

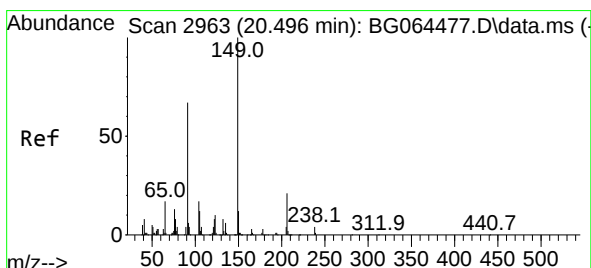
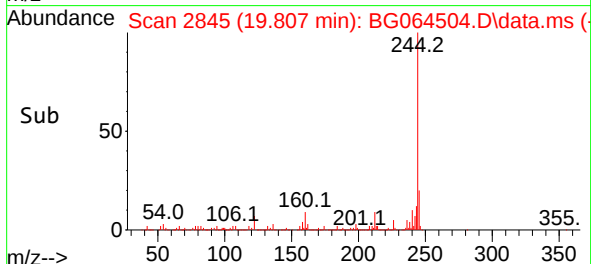
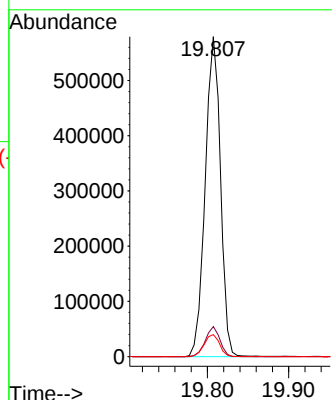
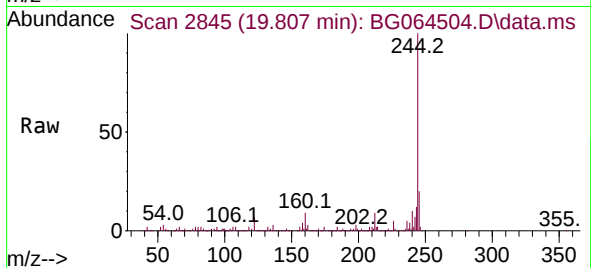
Tgt Ion:244 Resp: 75454

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.6
122	6.9	5.6	8.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#80

Butylbenzylphthalate

Concen: 57.436 ng

RT: 20.500 min Scan# 2963

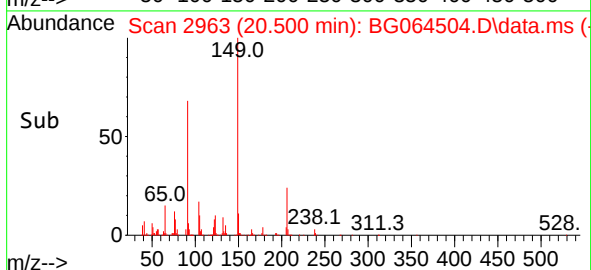
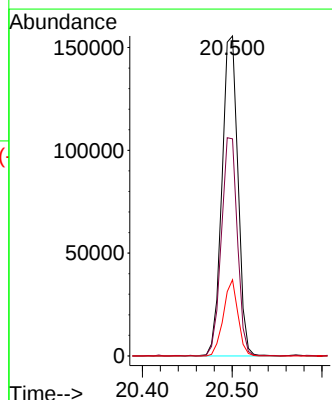
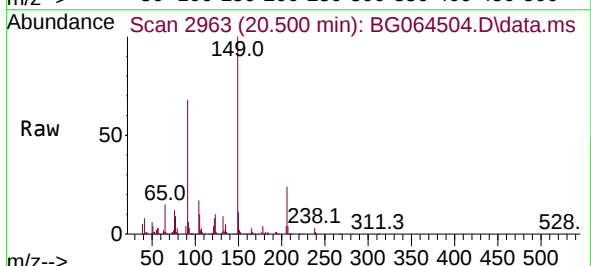
Delta R.T. 0.001 min

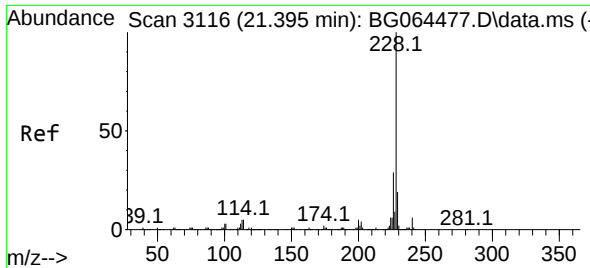
Lab File: BG064504.D

Acq: 14 Oct 2025 17:33

Tgt Ion:149 Resp: 192275

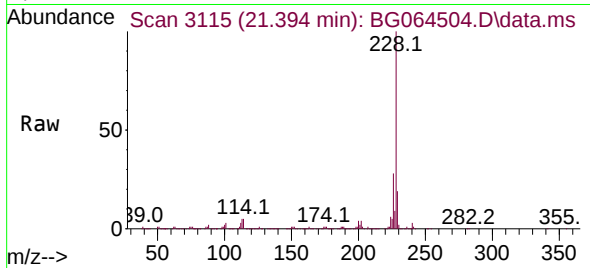
Ion	Ratio	Lower	Upper
149	100		
91	67.8	53.7	80.5
206	23.8	16.6	24.8





#81
Benzo(a)anthracene
Concen: 55.849 ng
RT: 21.394 min Scan# 3116
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

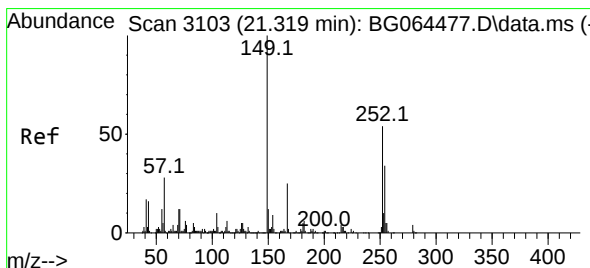
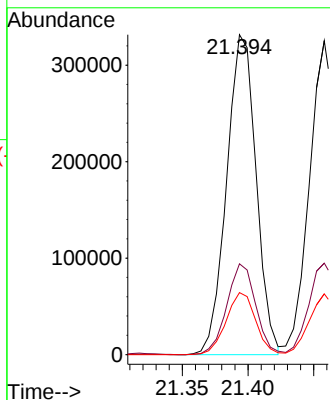
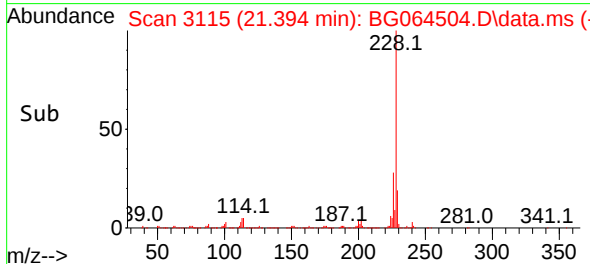
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



Tgt Ion:228 Resp: 518902
Ion Ratio Lower Upper
228 100
226 28.4 22.8 34.2
229 19.4 15.2 22.8

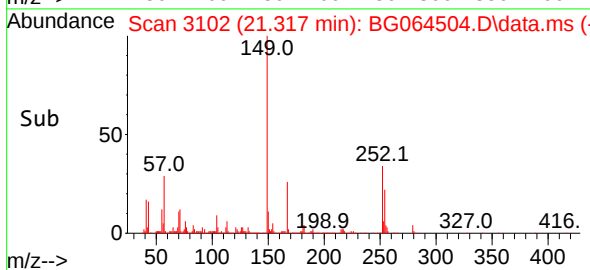
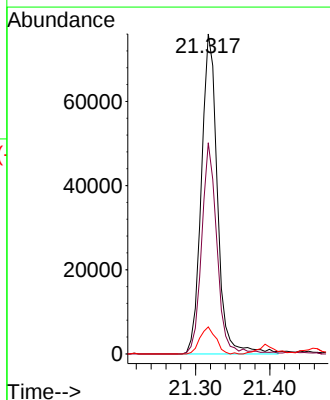
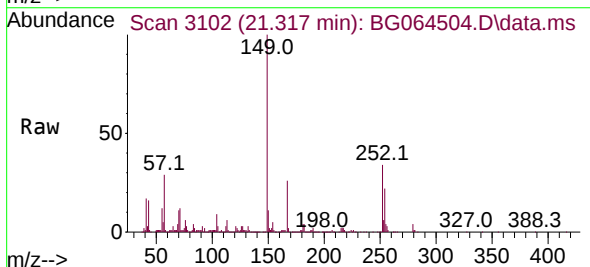
Manual Integrations
APPROVED

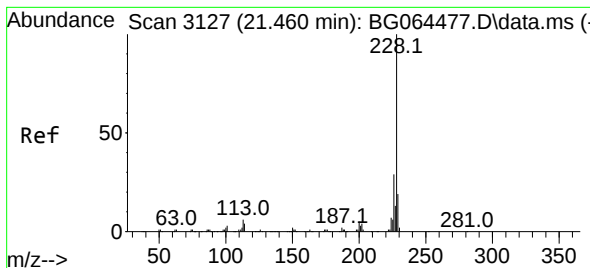
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#82
3,3'-Dichlorobenzidine
Concen: 36.360 ng
RT: 21.317 min Scan# 3102
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

Tgt Ion:252 Resp: 114340
Ion Ratio Lower Upper
252 100
254 66.0 50.5 75.7
126 8.4 7.1 10.7





#83

Chrysene

Concen: 55.277 ng

RT: 21.458 min Scan# 3127

Delta R.T. 0.007 min

Lab File: BG064504.D

Acq: 14 Oct 2025 17:33

Instrument :

BNA_G

ClientSampleId :

P001-DS-01MSD

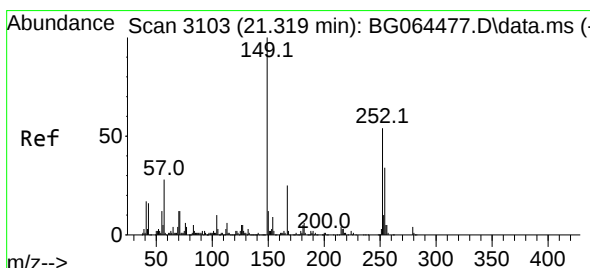
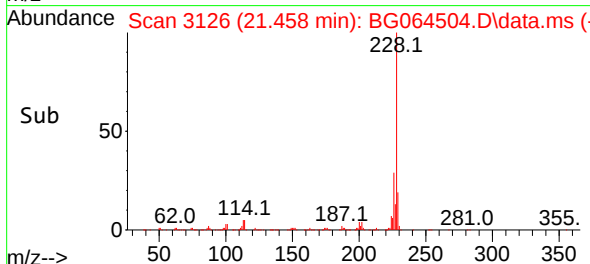
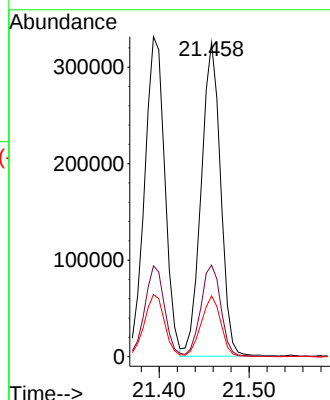
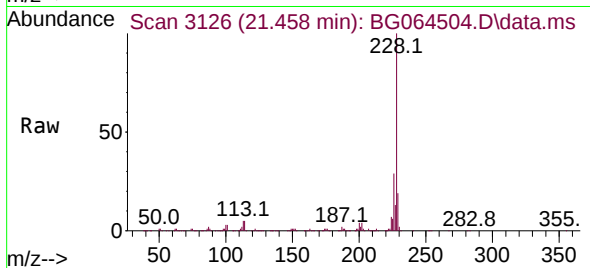
Tgt Ion:228 Resp: 487073

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.8	34.2
229	19.3	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.571 ng

RT: 21.317 min Scan# 3102

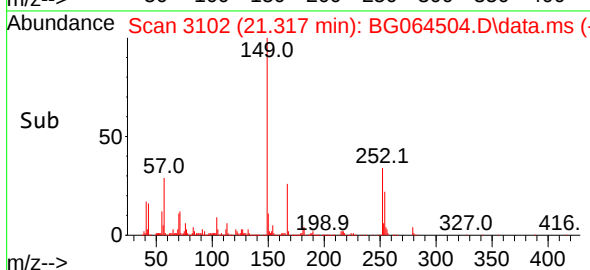
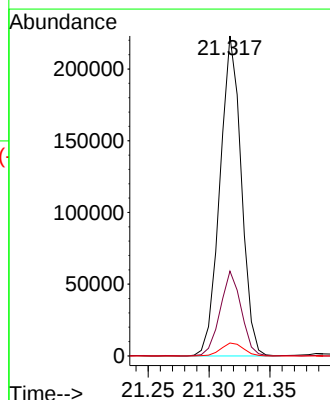
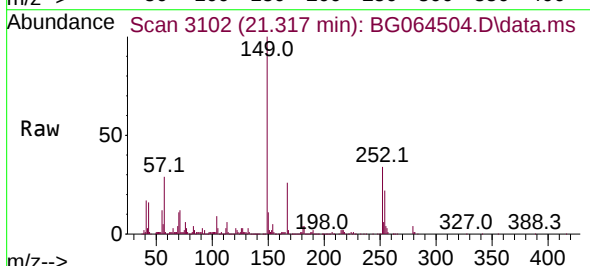
Delta R.T. 0.001 min

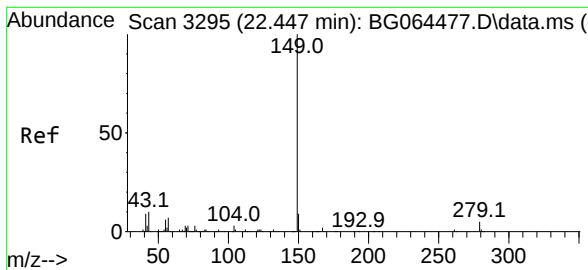
Lab File: BG064504.D

Acq: 14 Oct 2025 17:33

Tgt Ion:149 Resp: 271927

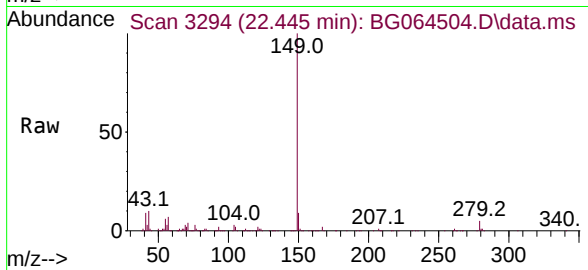
Ion	Ratio	Lower	Upper
149	100		
167	26.5	19.7	29.5
279	4.1	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 58.833 ng
RT: 22.445 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

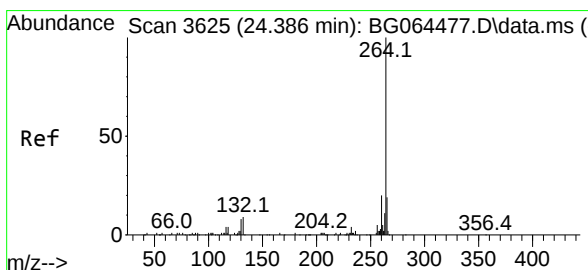
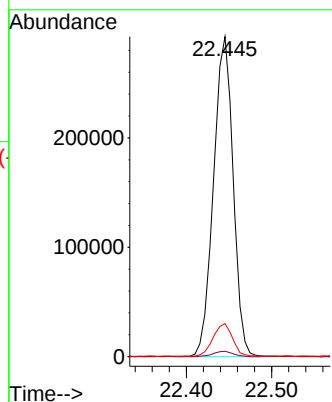
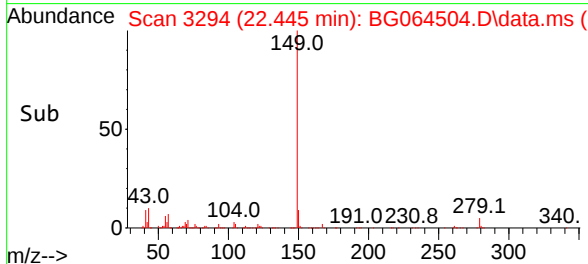
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



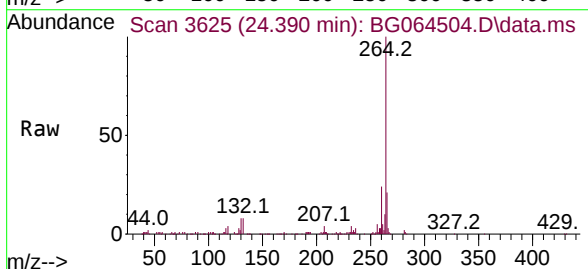
Tgt Ion:149 Resp: 467031
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.2 7.9 11.9

Manual Integrations
APPROVED

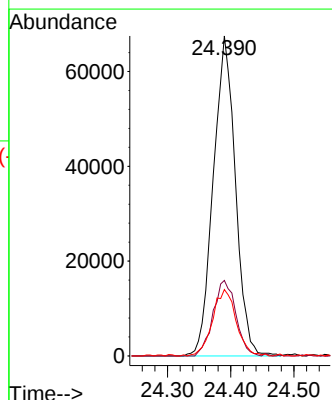
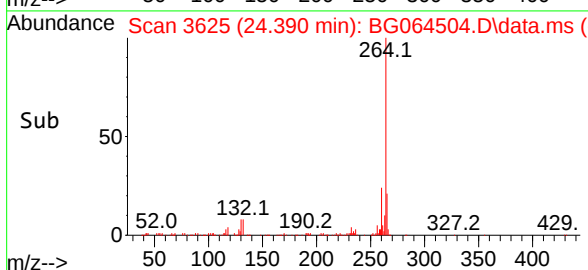
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

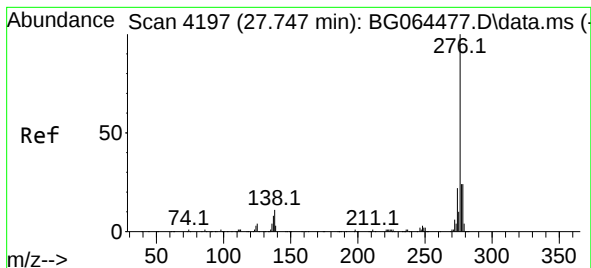


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.390 min Scan# 3625
Delta R.T. 0.001 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33



Tgt Ion:264 Resp: 163866
Ion Ratio Lower Upper
264 100
260 23.6 16.2 24.4
265 20.7 15.0 22.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.769 ng

RT: 27.745 min Scan# 4197

Delta R.T. 0.012 min

Lab File: BG064504.D

Acq: 14 Oct 2025 17:33

Instrument :

BNA_G

ClientSampleId :

P001-DS-01MSD

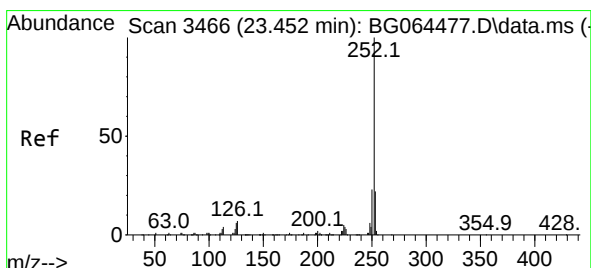
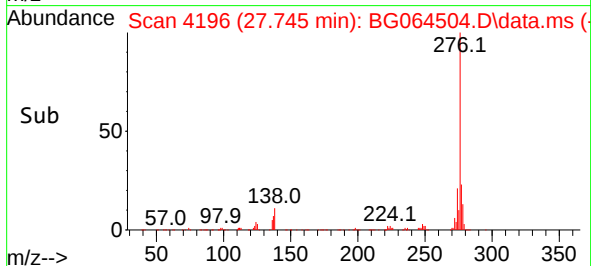
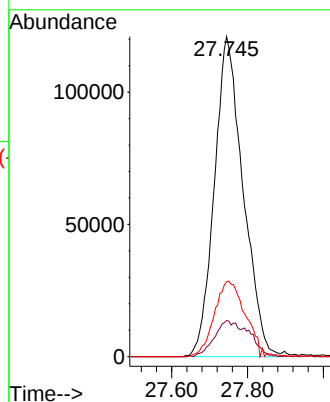
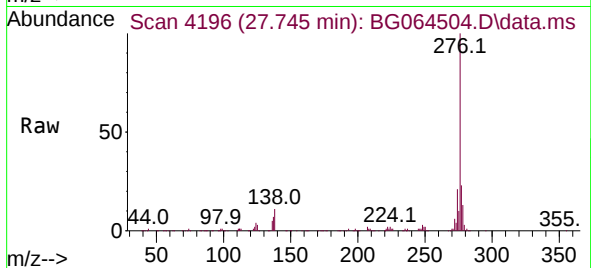
Tgt Ion:276 Resp: 636108

Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.8	16.2
277	25.3	20.3	30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#88

Benzo(b)fluoranthene

Concen: 56.406 ng

RT: 23.456 min Scan# 3466

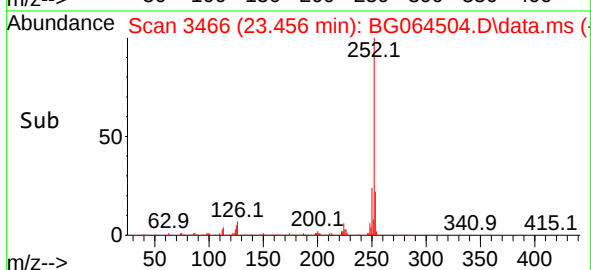
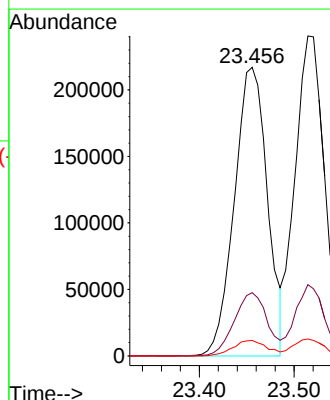
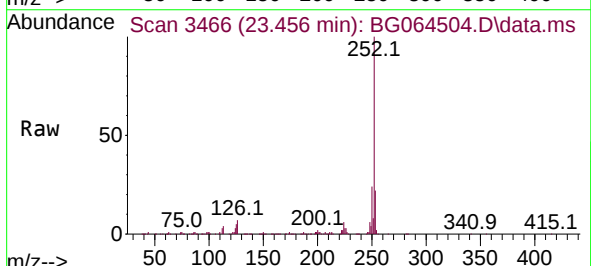
Delta R.T. 0.007 min

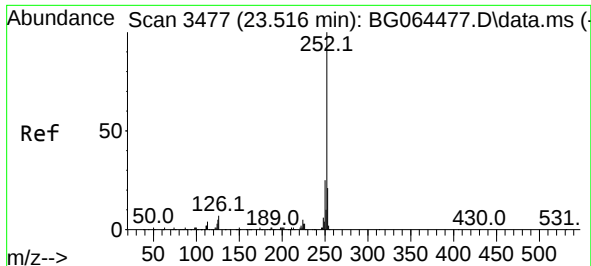
Lab File: BG064504.D

Acq: 14 Oct 2025 17:33

Tgt Ion:252 Resp: 525838

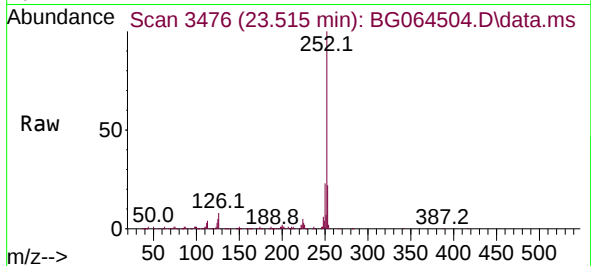
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	5.4	4.5	6.7





#89
Benzo(k)fluoranthene
Concen: 55.352 ng
RT: 23.515 min Scan# 3477
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

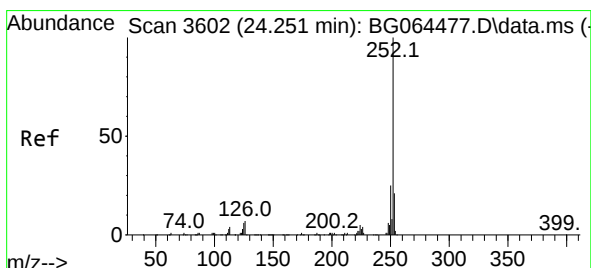
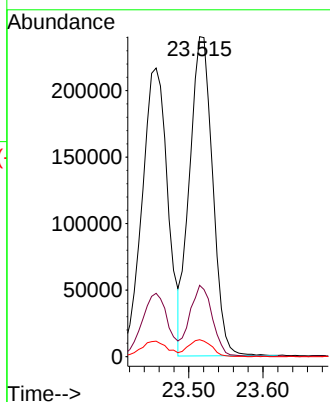
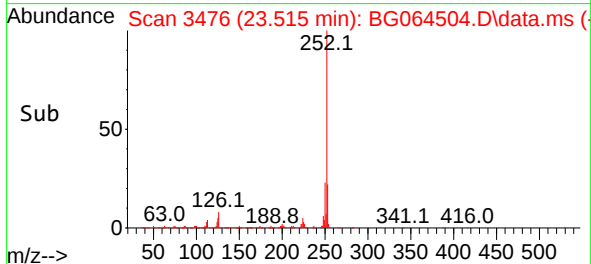
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



Tgt Ion:252 Resp: 519702
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 5.3 4.0 6.0

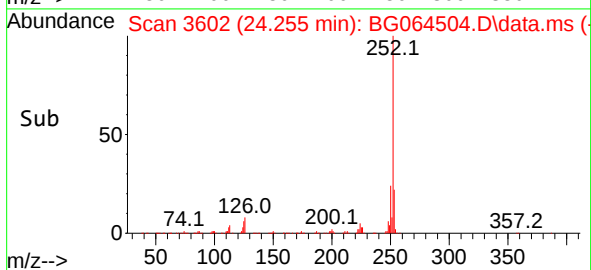
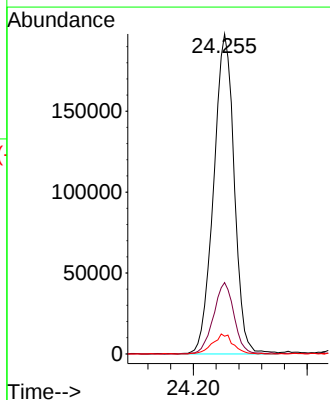
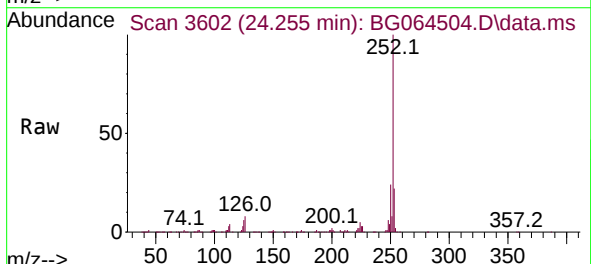
Manual Integrations
APPROVED

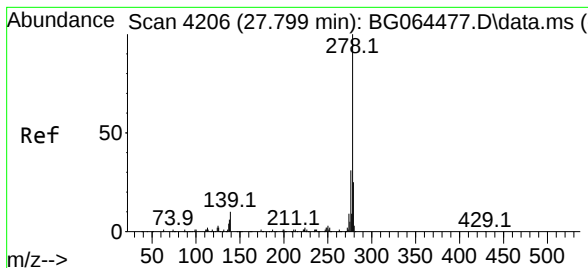
Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#90
Benzo(a)pyrene
Concen: 57.741 ng
RT: 24.255 min Scan# 3602
Delta R.T. 0.007 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

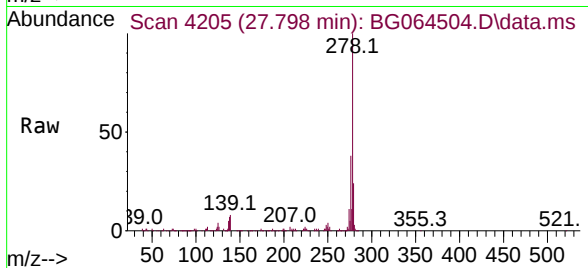
Tgt Ion:252 Resp: 496097
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 5.5 4.6 6.8





#91
Dibenzo(a,h)anthracene
Concen: 56.432 ng
RT: 27.798 min Scan# 41
Delta R.T. 0.018 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33

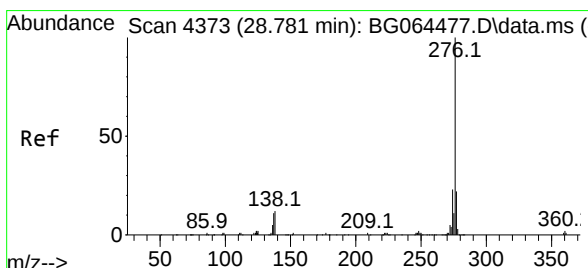
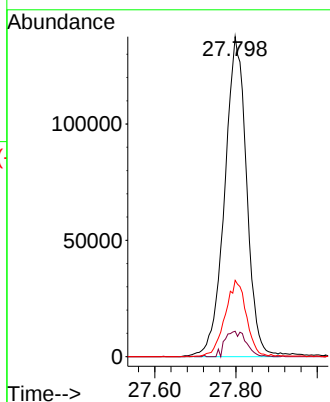
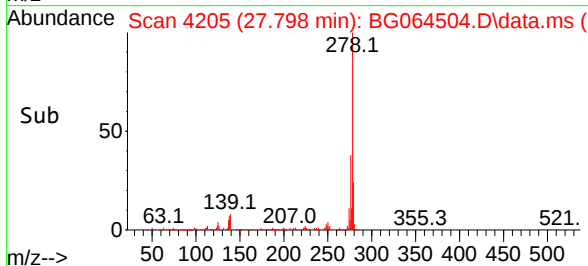
Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD



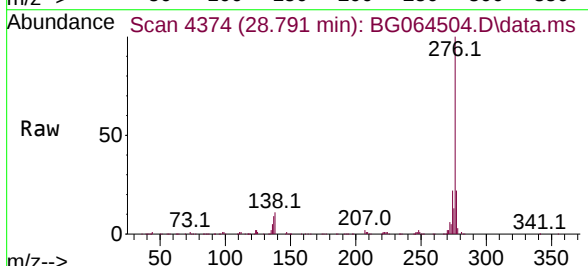
Tgt Ion:278 Resp: 514746
Ion Ratio Lower Upper
278 100
139 8.0 8.2 12.2
279 23.8 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025



#92
Benzo(g,h,i)perylene
Concen: 56.977 ng
RT: 28.791 min Scan# 4374
Delta R.T. 0.024 min
Lab File: BG064504.D
Acq: 14 Oct 2025 17:33



Tgt Ion:276 Resp: 505062
Ion Ratio Lower Upper
276 100
277 22.3 17.8 26.6
138 11.3 9.4 14.0

