

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064592.D
 Acq On : 27 Oct 2025 18:06
 Operator : RC/JU
 Sample : Q3439-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10MSD

Quant Time: Nov 04 01:22:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	38674	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	147107	20.000	ng	0.00
39) Acenaphthene-d10	14.842	164	118113	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	285291	20.000	ng	0.00
76) Chrysene-d12	21.857	240	313384	20.000	ng	0.00
86) Perylene-d12	25.195	264	333950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	231127	100.312	ng	0.00
7) Phenol-d6	7.351	99	293411	92.802	ng	0.00
23) Nitrobenzene-d5	9.384	82	165247	67.469	ng	0.00
42) 2,4,6-Tribromophenol	16.317	330	179471	105.279	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	454385	58.311	ng	0.00
79) Terphenyl-d14	20.165	244	1009766	60.807	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.585	88	38189	37.437	ng	98
3) Pyridine	3.990	79	104888	34.240	ng	96
4) n-Nitrosodimethylamine	3.902	42	69086	42.055	ng	93
6) Aniline	7.527	93	103701	24.104	ng	98
8) 2-Chlorophenol	7.780	128	124312	51.546	ng	96
9) Benzaldehyde	7.339	77	56751	32.878	ng	98
10) Phenol	7.380	94	171610	49.080	ng	98
11) bis(2-Chloroethyl)ether	7.621	93	112349	43.703	ng	97
12) 1,3-Dichlorobenzene	8.109	146	130078	46.862	ng	99
13) 1,4-Dichlorobenzene	8.256	146	132070	46.793	ng	98
14) 1,2-Dichlorobenzene	8.579	146	126766	46.566	ng	96
15) Benzyl Alcohol	8.449	79	122236	46.884	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.743	45	294630	43.692	ng	99
17) 2-Methylphenol	8.649	107	114159	49.174	ng	97
18) Hexachloroethane	9.325	117	46509	46.957	ng	95
19) n-Nitroso-di-n-propyla...	9.025	70	101883	46.627	ng	# 96
20) 3+4-Methylphenols	8.978	107	153618	47.053	ng	98
22) Acetophenone	9.043	105	218530	54.343	ng	96
24) Nitrobenzene	9.425	77	141961	53.290	ng	96
25) Isophorone	9.954	82	279098	47.490	ng	99
26) 2-Nitrophenol	10.142	139	54025	52.264	ng	95
27) 2,4-Dimethylphenol	10.194	122	124546	56.972	ng	98
28) bis(2-Chloroethoxy)met...	10.435	93	162179	48.467	ng	99
29) 2,4-Dichlorophenol	10.676	162	129409	55.005	ng	98
30) 1,2,4-Trichlorobenzene	10.905	180	141231	52.834	ng	99
31) Naphthalene	11.093	128	393590	48.257	ng	98
32) Benzoic acid	10.324	122	94984	55.629	ng	97
33) 4-Chloroaniline	11.187	127	43020	13.570	ng	95
34) Hexachlorobutadiene	11.387	225	103521	49.520	ng	94
35) Caprolactam	11.951	113	44034m	48.800	ng	
36) 4-Chloro-3-methylphenol	12.292	107	148510	52.515	ng	99
37) 2-Methylnaphthalene	12.686	142	267424	44.659	ng	100
38) 1-Methylnaphthalene	12.903	142	274550	46.314	ng	96
40) 1,2,4,5-Tetrachloroben...	13.050	216	208972	52.718	ng	98
41) Hexachlorocyclopentadiene	13.038	237	243466	136.457	ng	97
43) 2,4,6-Trichlorophenol	13.279	196	125493	55.346	ng	94

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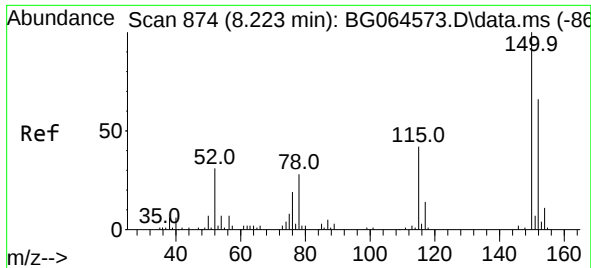
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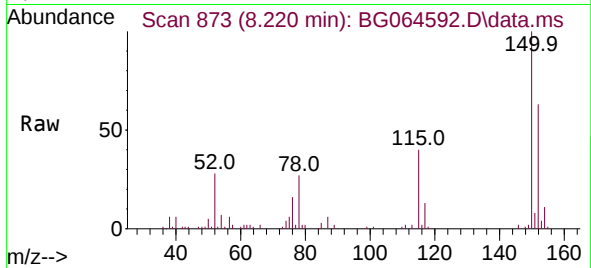
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.344	196	139898	53.466	ng	99
46) 1,1'-Biphenyl	13.685	154	444110	52.889	ng	98
47) 2-Chloronaphthalene	13.726	162	303587	47.897	ng	99
48) 2-Nitroaniline	13.908	65	107900	50.527	ng	92
49) Acenaphthylene	14.566	152	545521	54.565	ng	99
50) Dimethylphthalate	14.290	163	439698	48.650	ng	100
51) 2,6-Dinitrotoluene	14.395	165	82013	54.530	ng	99
52) Acenaphthene	14.907	154	354955	51.966	ng	100
53) 3-Nitroaniline	14.724	138	44846	28.873	ng	97
54) 2,4-Dinitrophenol	14.930	184	96997	104.186	ng	# 40
55) Dibenzofuran	15.236	168	529890	47.985	ng	99
56) 4-Nitrophenol	15.018	139	158948	110.376	ng	96
57) 2,4-Dinitrotoluene	15.183	165	124942	53.794	ng	# 98
58) Fluorene	15.882	166	424621	49.236	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.453	232	148407	59.313	ng	99
60) Diethylphthalate	15.647	149	443525	48.061	ng	99
61) 4-Chlorophenyl-phenyle...	15.870	204	233237	48.191	ng	96
62) 4-Nitroaniline	15.882	138	93577	54.154	ng	99
63) Azobenzene	16.164	77	453659	53.578	ng	99
65) 4,6-Dinitro-2-methylph...	15.947	198	68203	53.613	ng	96
66) n-Nitrosodiphenylamine	16.082	169	394831	51.234	ng	99
67) 4-Bromophenyl-phenylether	16.763	248	165848	49.056	ng	97
68) Hexachlorobenzene	16.887	284	196822	51.031	ng	97
69) Atrazine	17.022	200	174823	52.715	ng	97
70) Pentachlorophenol	17.222	266	261418	108.692	ng	94
71) Phenanthrene	17.621	178	769290	49.309	ng	100
72) Anthracene	17.709	178	779580	49.122	ng	100
73) Carbazole	17.968	167	690430	49.335	ng	98
74) Di-n-butylphthalate	18.532	149	779939	48.195	ng	99
75) Fluoranthene	19.613	202	935586	47.869	ng	99
77) Benzidine	19.777	184	202272	28.809	ng	99
78) Pyrene	19.971	202	978323	47.782	ng	99
80) Butylbenzylphthalate	20.853	149	334443	54.045	ng	97
81) Benzo(a)anthracene	21.834	228	1026609	49.406	ng	99
82) 3,3'-Dichlorobenzidine	21.734	252	146831	21.161	ng	99
83) Chrysene	21.898	228	955220	48.313	ng	98
84) Bis(2-ethylhexyl)phtha...	21.746	149	477424	51.632	ng	99
85) Di-n-octyl phthalate	23.003	149	818900	52.528	ng	98
87) Indeno(1,2,3-cd)pyrene	29.037	276	1221937	49.740	ng	# 93
88) Benzo(b)fluoranthene	24.137	252	1003921	49.025	ng	98
89) Benzo(k)fluoranthene	24.207	252	1048336	51.159	ng	97
90) Benzo(a)pyrene	25.042	252	973157	51.699	ng	99
91) Dibenzo(a,h)anthracene	29.102	278	1007535	50.482	ng	97
92) Benzo(g,h,i)perylene	30.236	276	978222	51.308	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

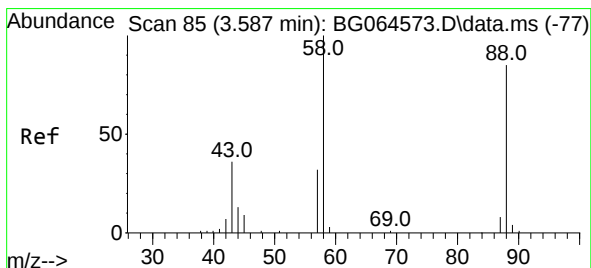
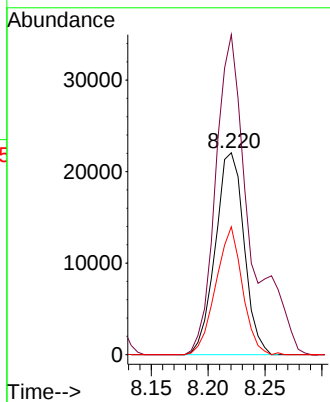
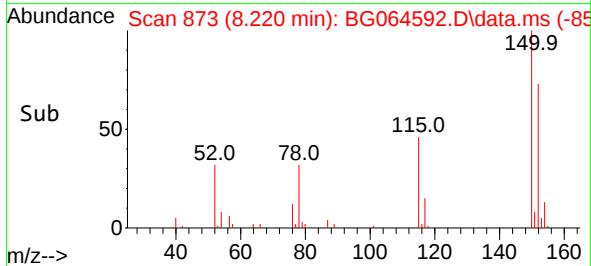
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



Tgt Ion:152 Resp: 38674
Ion Ratio Lower Upper
152 100
150 158.6 122.2 183.4
115 63.3 50.8 76.2

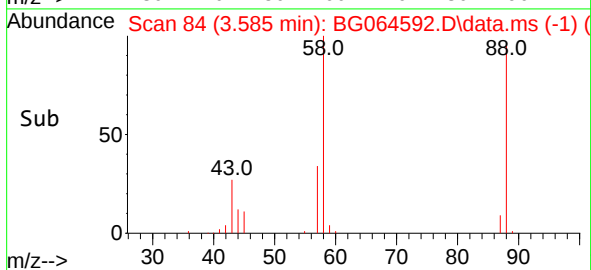
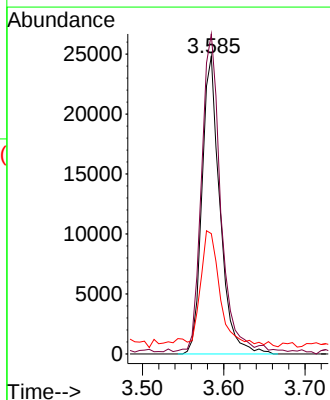
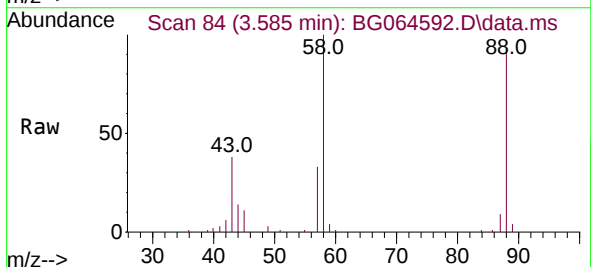
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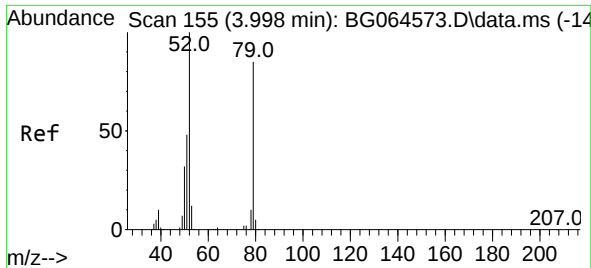
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#2
1,4-Dioxane
Concen: 37.437 ng
RT: 3.585 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

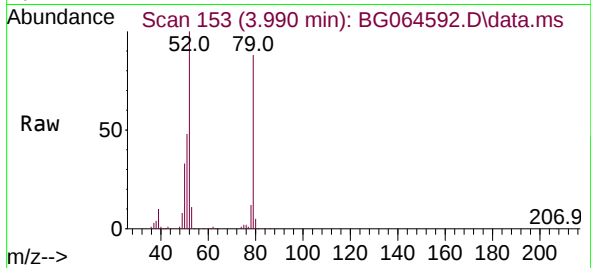
Tgt Ion: 88 Resp: 38189
Ion Ratio Lower Upper
88 100
58 113.8 92.4 138.6
43 43.0 33.0 49.6





#3
Pyridine
Concen: 34.240 ng
RT: 3.990 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

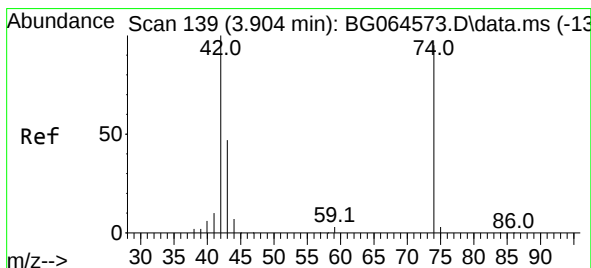
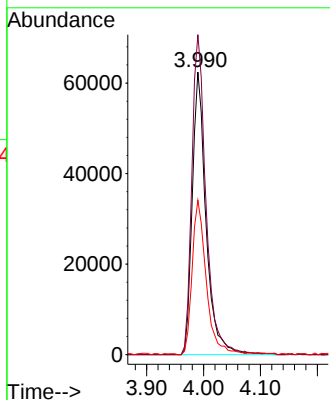
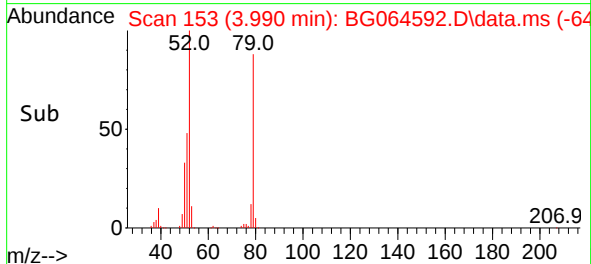
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



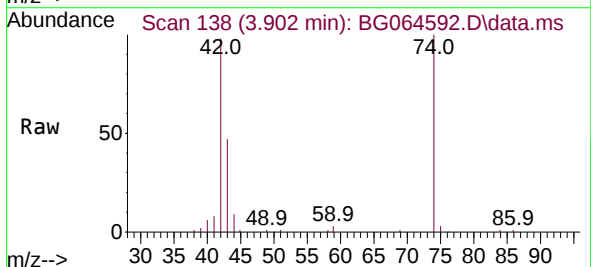
Tgt Ion: 79 Resp: 104888
Ion Ratio Lower Upper
79 100
52 113.3 94.2 141.2
51 54.6 46.1 69.1

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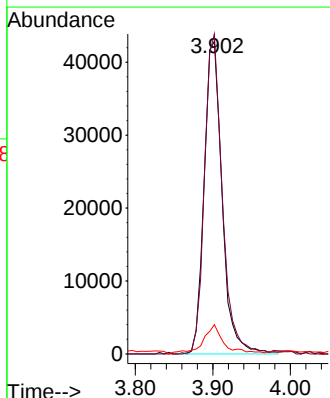
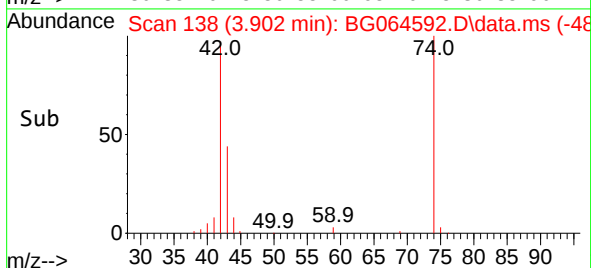
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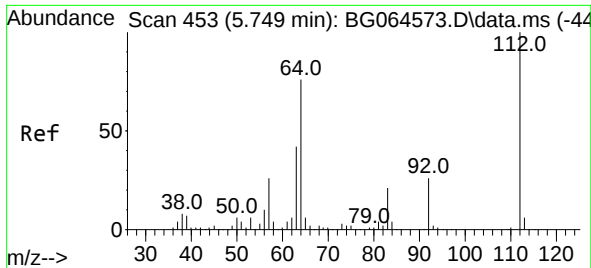


#4
n-Nitrosodimethylamine
Concen: 42.055 ng
RT: 3.902 min Scan# 138
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06



Tgt Ion: 42 Resp: 69086
Ion Ratio Lower Upper
42 100
74 102.4 76.1 114.1
44 9.3 6.3 9.5





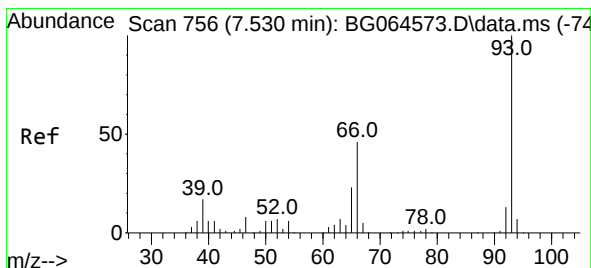
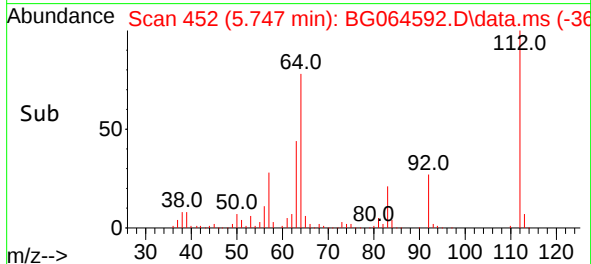
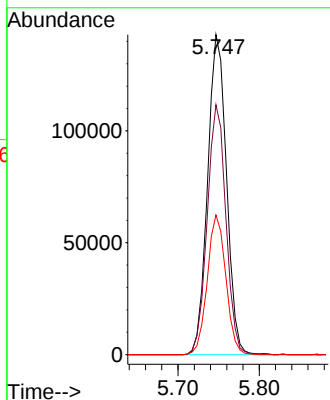
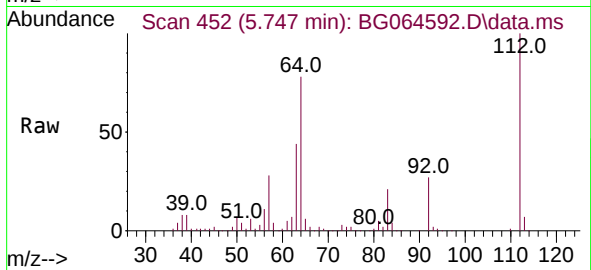
#5
2-Fluorophenol
Concen: 100.312 ng
RT: 5.747 min Scan# 453
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tgt Ion:112 Resp: 231127
Ion Ratio Lower Upper
112 100
64 78.1 60.7 91.1
63 43.6 33.4 50.0

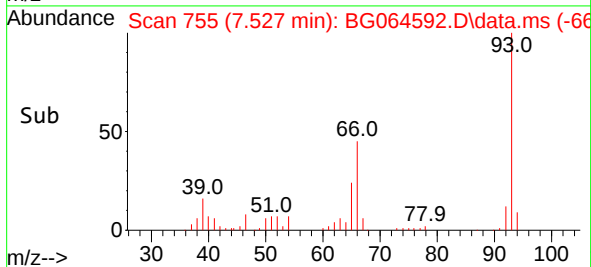
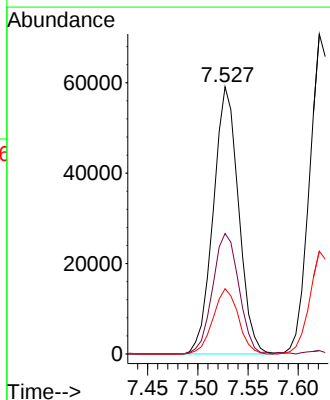
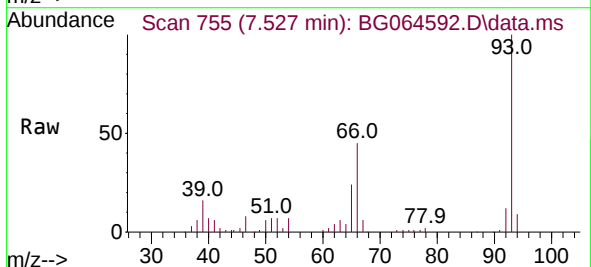
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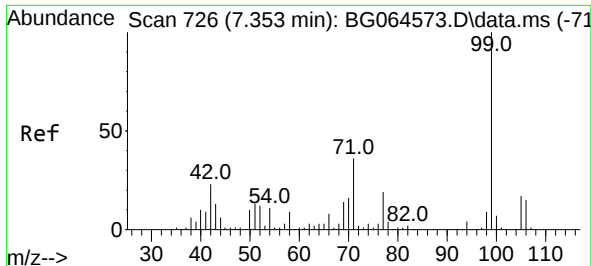
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#6
Aniline
Concen: 24.104 ng
RT: 7.527 min Scan# 755
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

Tgt Ion: 93 Resp: 103701
Ion Ratio Lower Upper
93 100
66 45.1 37.0 55.6
65 24.4 18.3 27.5





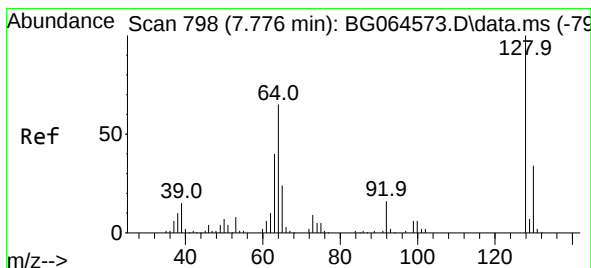
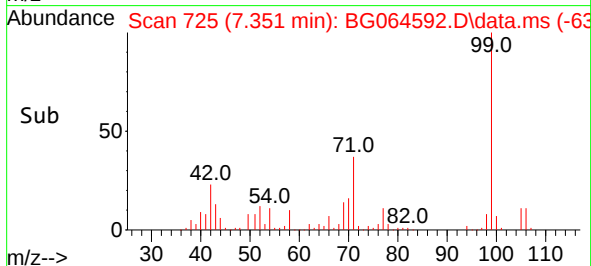
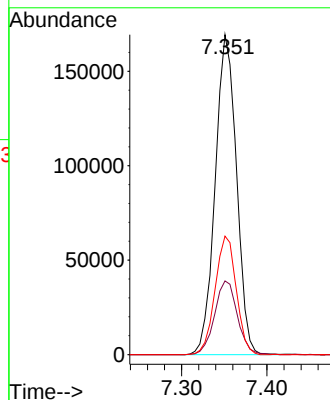
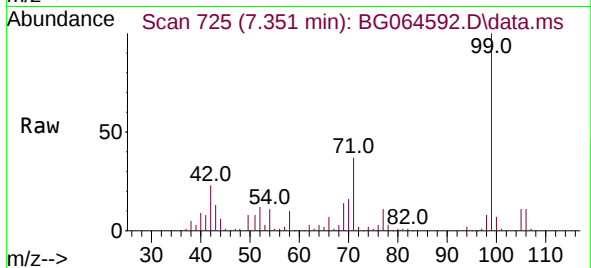
#7
Phenol-d6
Concen: 92.802 ng
RT: 7.351 min Scan# 726
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tgt Ion: 99 Resp: 29341
Ion Ratio Lower Upper
99 100
42 23.0 18.3 27.5
71 37.0 28.6 43.0

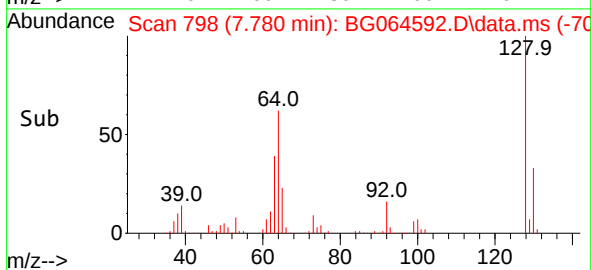
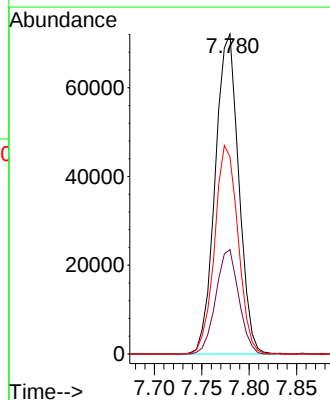
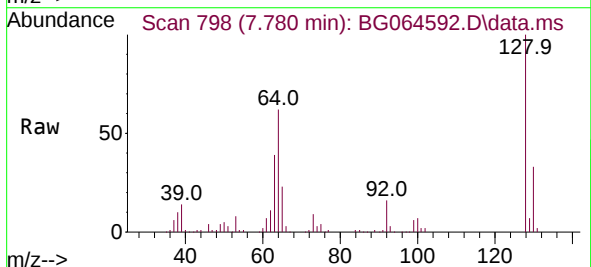
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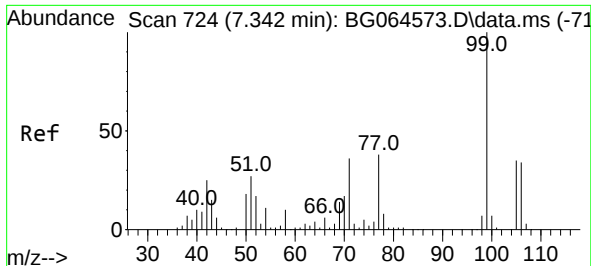
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#8
2-Chlorophenol
Concen: 51.546 ng
RT: 7.780 min Scan# 798
Delta R.T. 0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

Tgt Ion:128 Resp: 124312
Ion Ratio Lower Upper
128 100
130 32.6 13.5 53.5
64 61.6 45.2 85.2





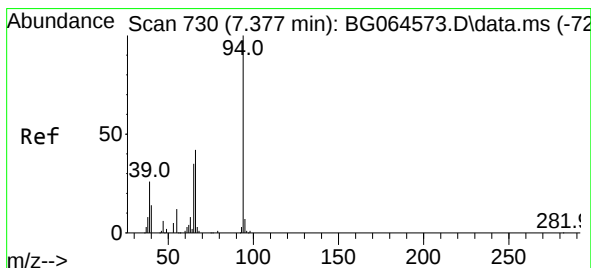
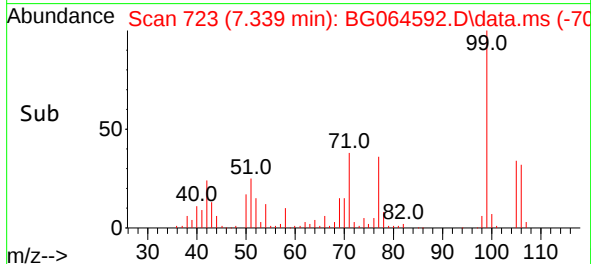
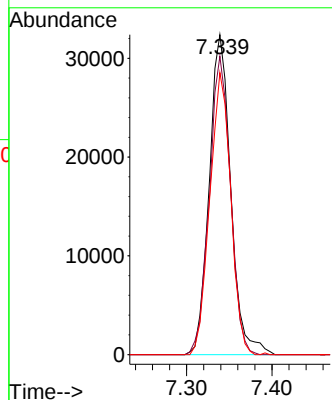
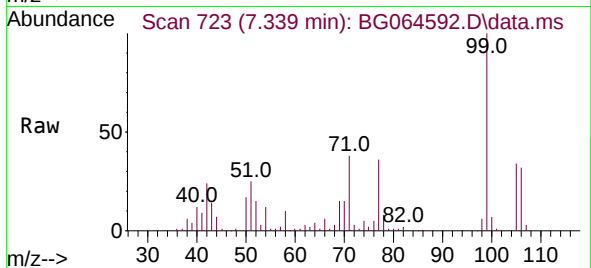
#9
Benzaldehyde
Concen: 32.878 ng
RT: 7.339 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tgt Ion: 77 Resp: 5675
Ion Ratio Lower Upper
77 100
105 93.2 72.9 112.9
106 88.1 70.8 110.8

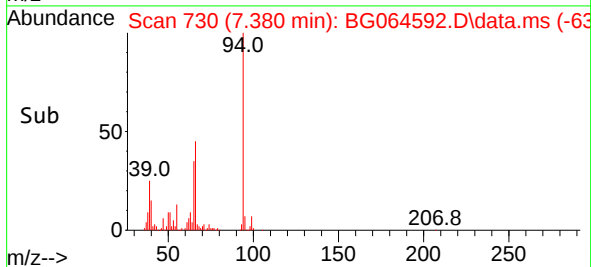
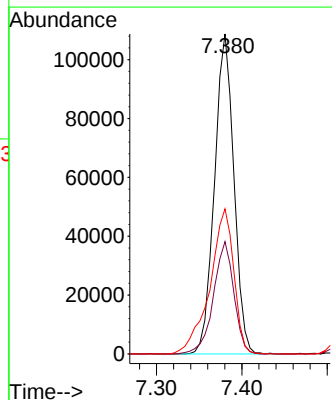
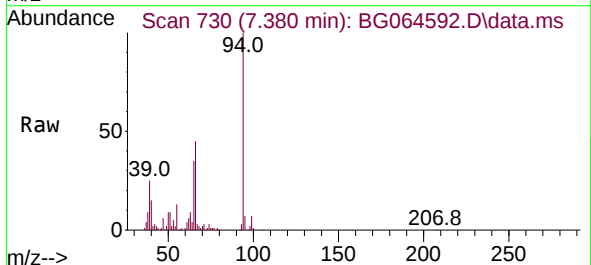
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#10
Phenol
Concen: 49.080 ng
RT: 7.380 min Scan# 730
Delta R.T. 0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

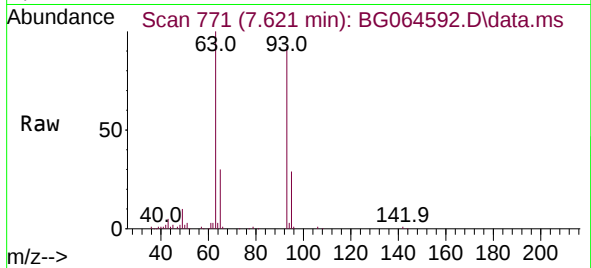
Tgt Ion: 94 Resp: 171610
Ion Ratio Lower Upper
94 100
65 35.1 15.8 55.8
66 45.3 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 43.703 ng
RT: 7.621 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

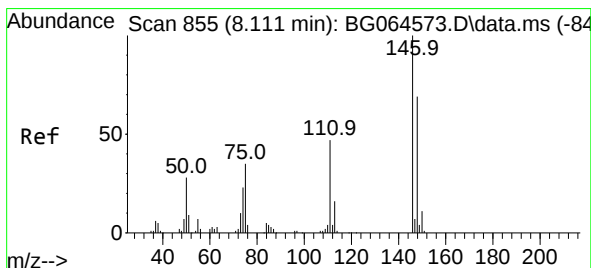
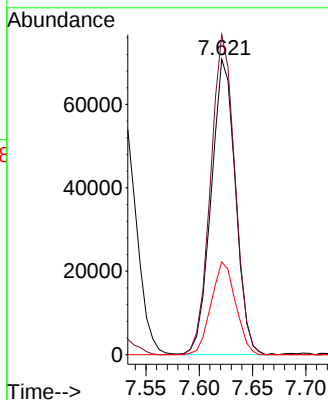
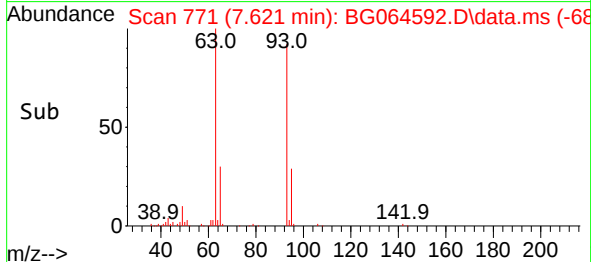
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



Tgt Ion: 93 Resp: 112349
Ion Ratio Lower Upper
93 100
63 108.4 91.3 131.3
95 31.4 13.3 53.3

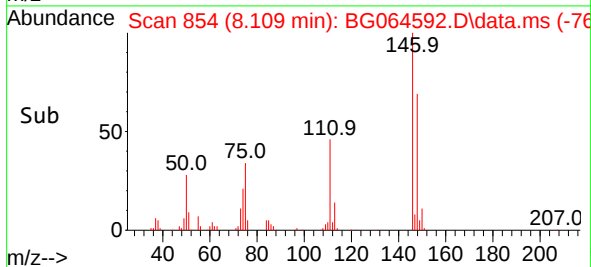
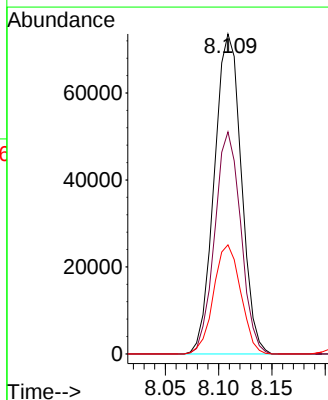
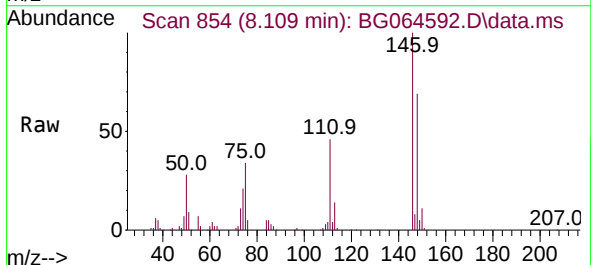
Manual Integrations
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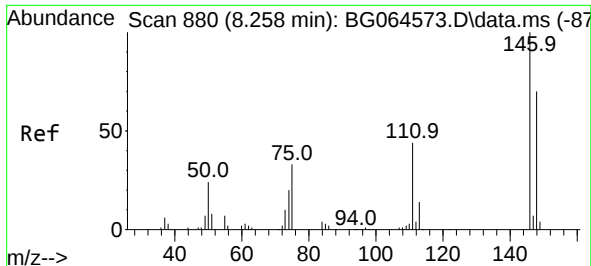
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#12
1,3-Dichlorobenzene
Concen: 46.862 ng
RT: 8.109 min Scan# 854
Delta R.T. -0.002 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

Tgt Ion:146 Resp: 130078
Ion Ratio Lower Upper
146 100
148 69.4 55.3 82.9
75 34.1 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 46.793 ng

RT: 8.256 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG064592.D

Acq: 27 Oct 2025 18:06

Instrument :

BNA_G

ClientSampleId :

TP-10MSD

Tgt Ion:146 Resp: 132070

Ion Ratio Lower Upper

146 100

148 69.0 56.2 84.4

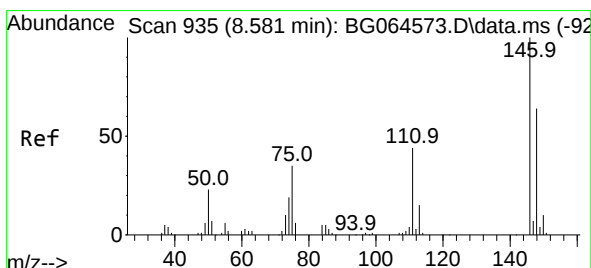
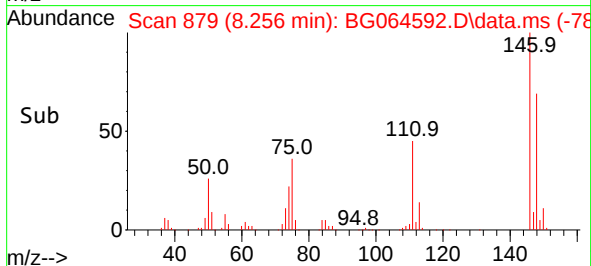
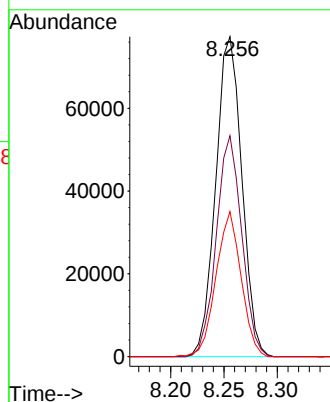
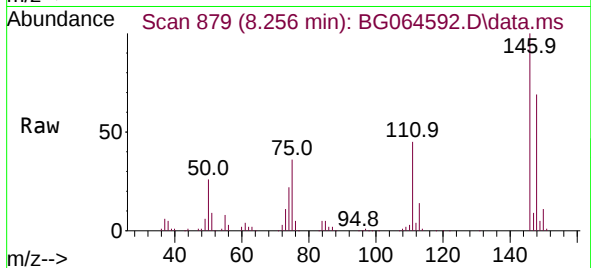
111 45.3 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 11/05/2025



#14

1,2-Dichlorobenzene

Concen: 46.566 ng

RT: 8.579 min Scan# 934

Delta R.T. -0.003 min

Lab File: BG064592.D

Acq: 27 Oct 2025 18:06

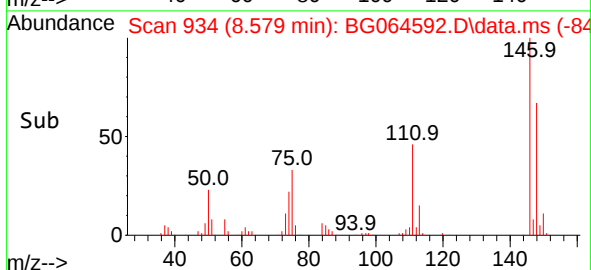
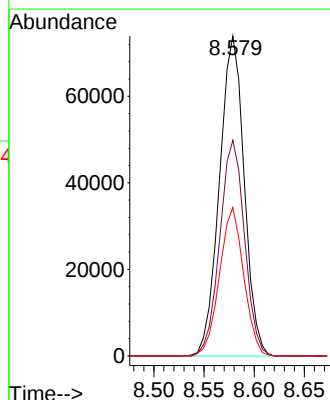
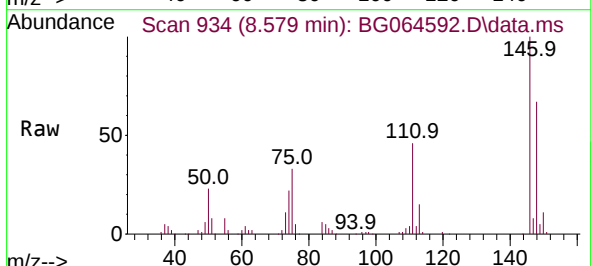
Tgt Ion:146 Resp: 126766

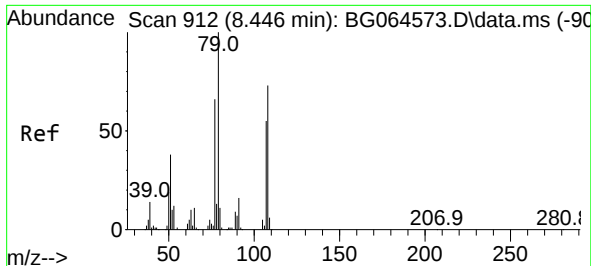
Ion Ratio Lower Upper

146 100

148 67.4 51.5 77.3

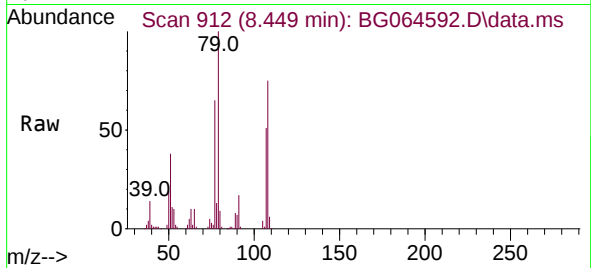
111 46.4 35.0 52.6





#15
Benzyl Alcohol
Concen: 46.884 ng
RT: 8.449 min Scan# 912
Delta R.T. 0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

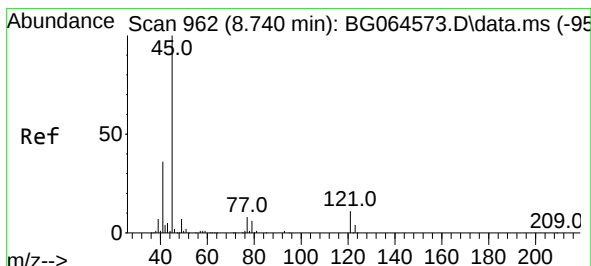
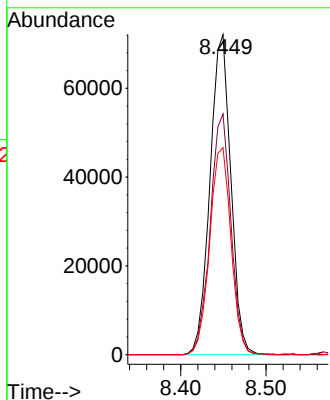
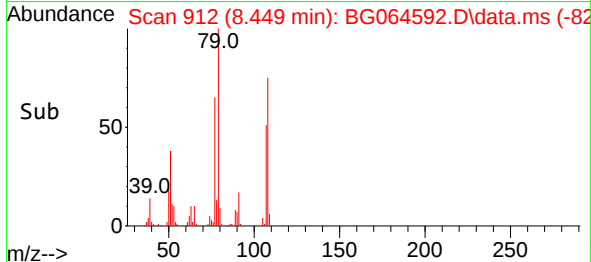
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



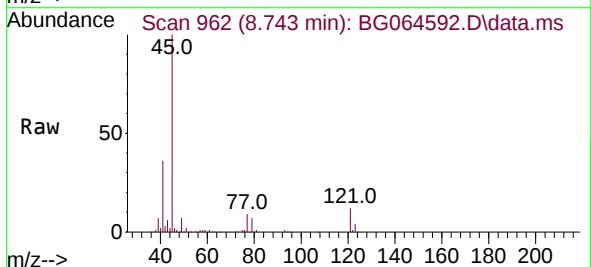
Tgt Ion: 79 Resp: 122236
Ion Ratio Lower Upper
79 100
108 75.2 58.1 87.1
77 64.7 52.8 79.2

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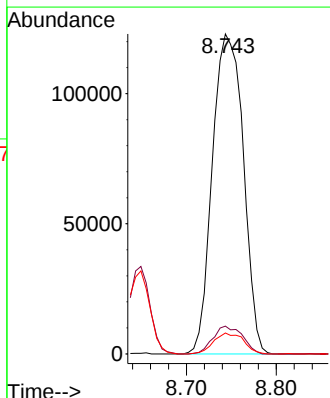
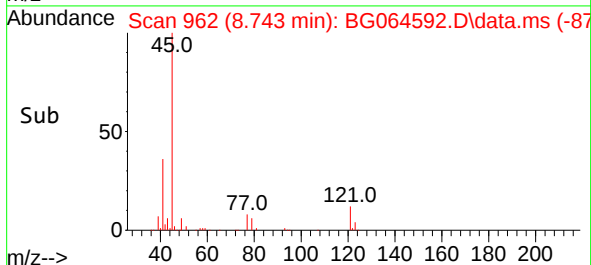
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.692 ng
RT: 8.743 min Scan# 962
Delta R.T. 0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06



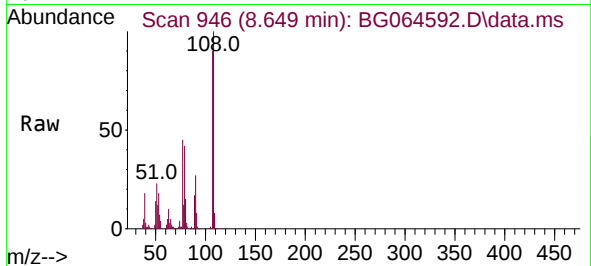
Tgt Ion: 45 Resp: 294630
Ion Ratio Lower Upper
45 100
77 8.7 0.0 28.5
79 6.5 0.0 25.6





#17
2-Methylphenol
Concen: 49.174 ng
RT: 8.649 min Scan# 947
Delta R.T. -0.002 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

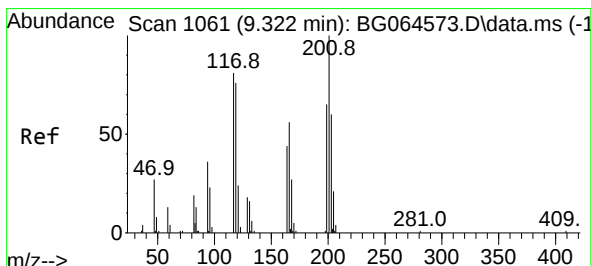
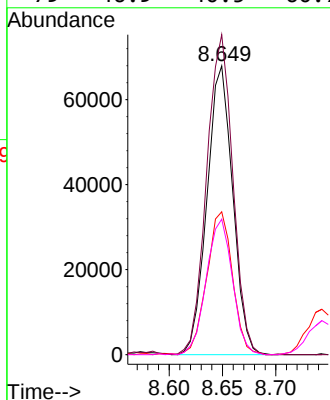
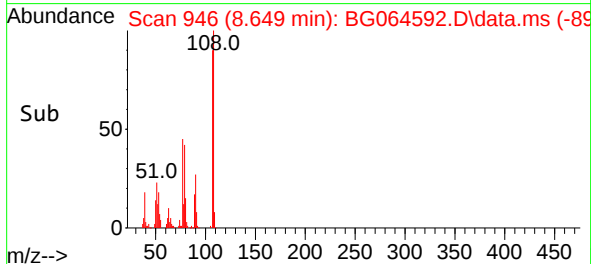
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



Tgt Ion:107 Resp: 114159
Ion Ratio Lower Upper
107 100
108 110.8 90.0 135.0
77 49.5 37.8 56.8
79 46.9 40.5 60.7

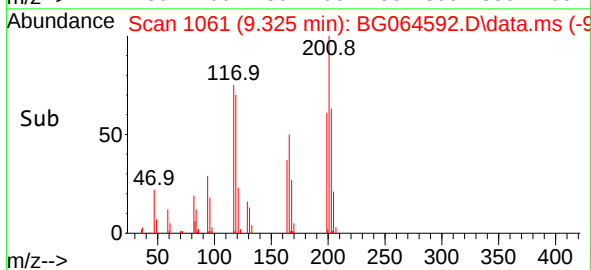
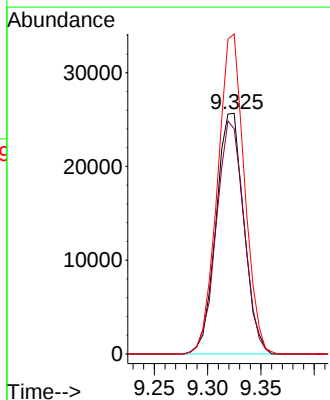
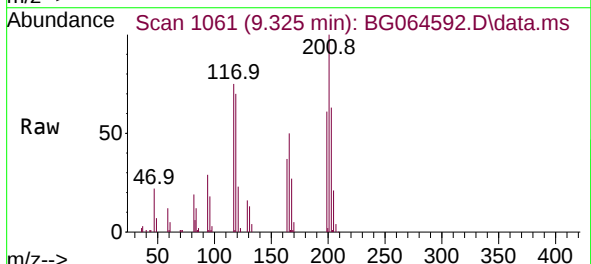
Manual Integrations
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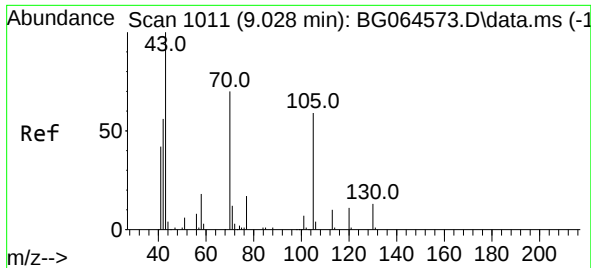
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#18
Hexachloroethane
Concen: 46.957 ng
RT: 9.325 min Scan# 1061
Delta R.T. 0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

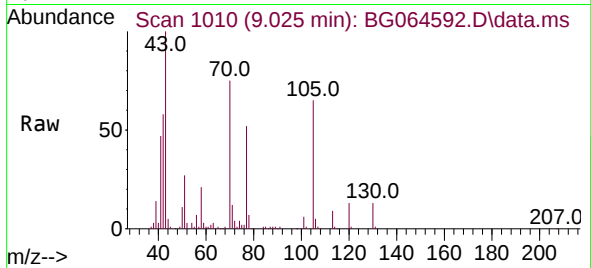
Tgt Ion:117 Resp: 46509
Ion Ratio Lower Upper
117 100
119 93.5 75.4 113.2
201 133.0 99.2 148.8





#19
n-Nitroso-di-n-propylamine
Concen: 46.627 ng
RT: 9.025 min Scan# 1011
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

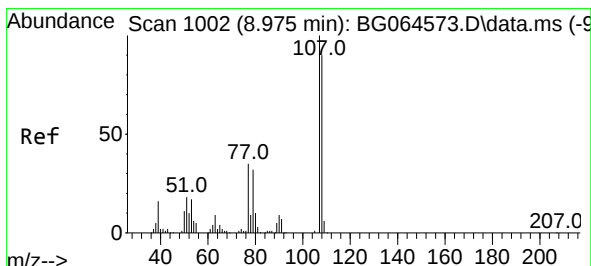
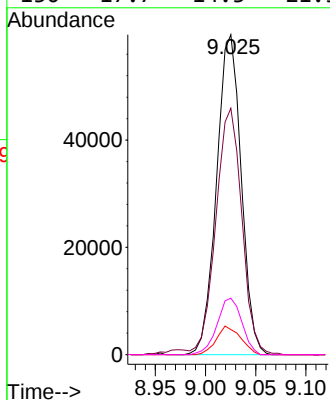
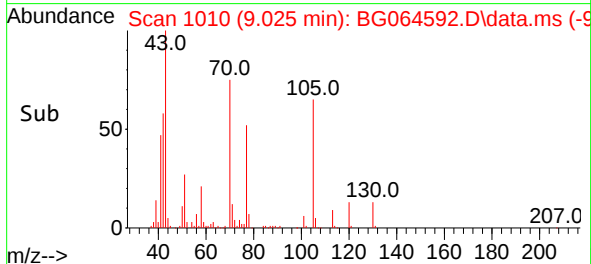
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



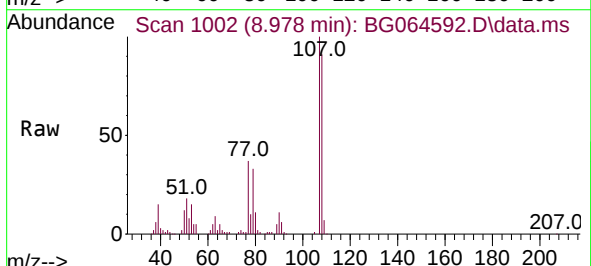
Tgt Ion: 70 Resp: 101883
Ion Ratio Lower Upper
70 100
42 77.0 65.2 97.8
101 7.8 7.9 11.9
130 17.7 14.3 21.5

Manual Integrations
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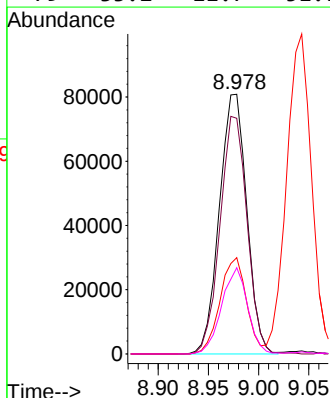
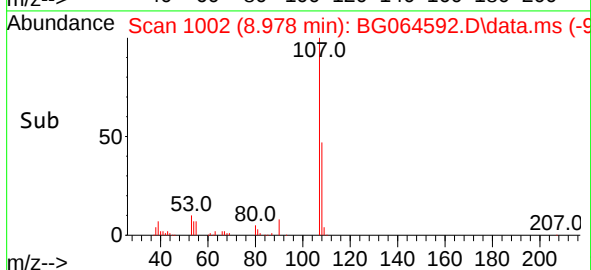
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

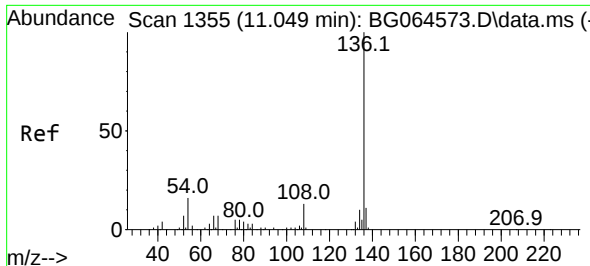


#20
3+4-Methylphenols
Concen: 47.053 ng
RT: 8.978 min Scan# 1002
Delta R.T. 0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06



Tgt Ion:107 Resp: 153618
Ion Ratio Lower Upper
107 100
108 90.8 70.3 110.3
77 37.1 14.6 54.6
79 33.2 11.7 51.7





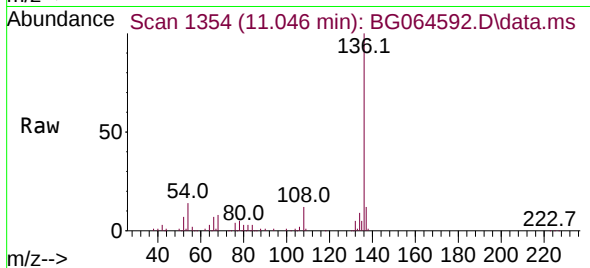
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.046 min Scan# 1355
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

Instrument :

BNA_G

ClientSampleId :

TP-10MSD

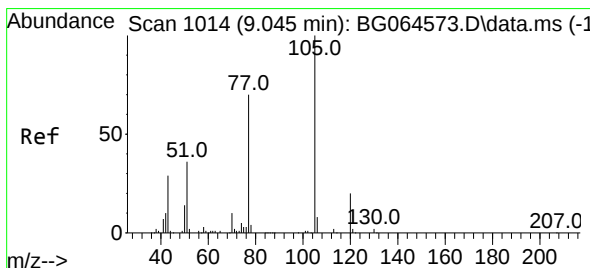
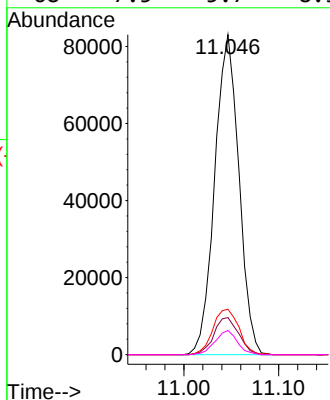
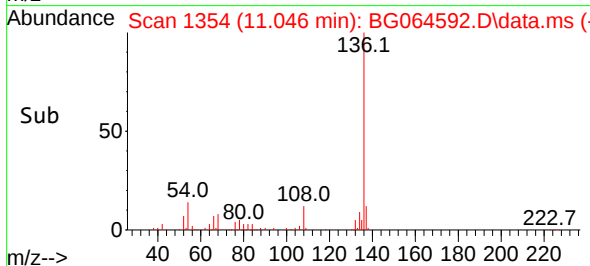


Tgt Ion:136 Resp: 147107
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 14.2 12.6 19.0
68 7.5 5.7 8.5

Manual Integrations

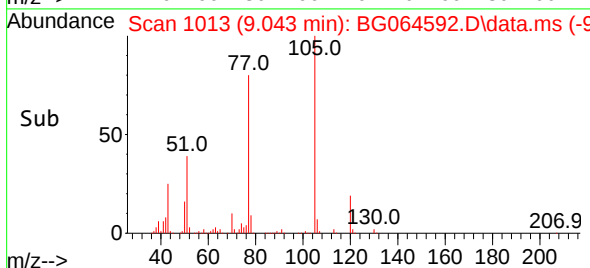
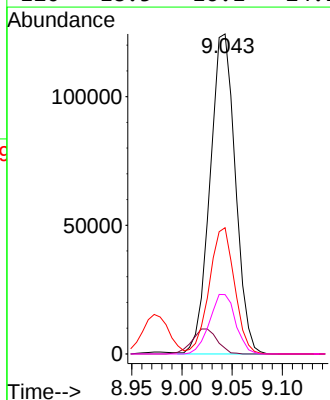
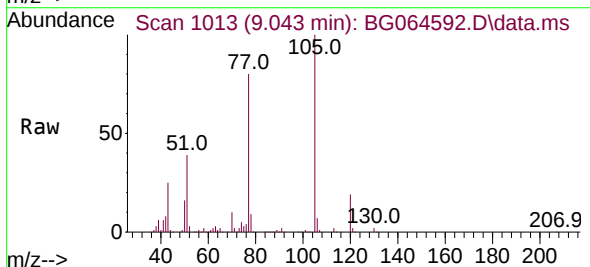
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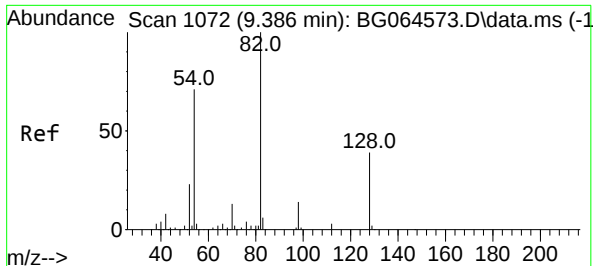
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 54.343 ng
RT: 9.043 min Scan# 1013
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

Tgt Ion:105 Resp: 218530
Ion Ratio Lower Upper
105 100
71 1.8 1.5 2.3
51 39.4 33.7 50.5
120 18.5 16.1 24.1





#23

Nitrobenzene-d5

Concen: 67.469 ng

RT: 9.384 min Scan# 1072

Delta R.T. -0.003 min

Lab File: BG064592.D

Acq: 27 Oct 2025 18:06

Instrument :

BNA_G

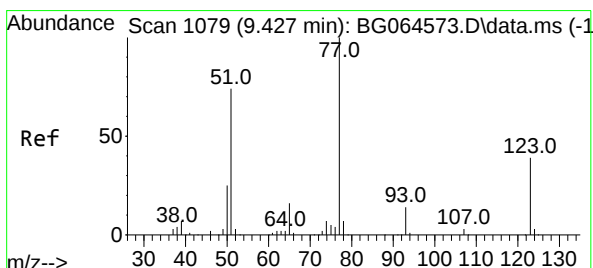
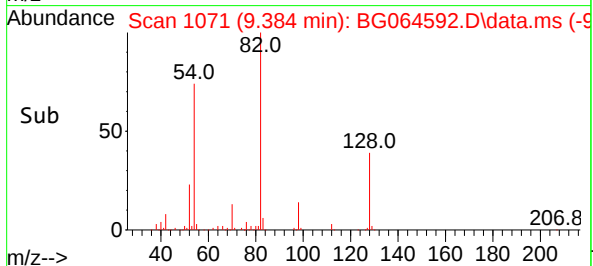
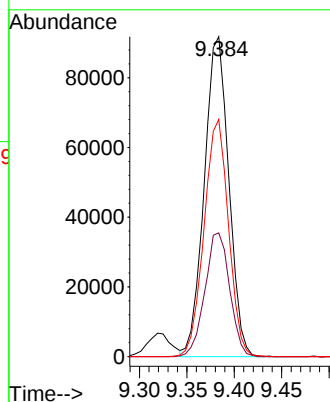
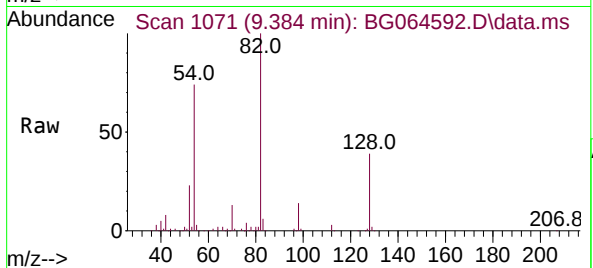
ClientSampleId :

TP-10MSD

Tgt Ion: 82 Resp: 165247
 Ion Ratio Lower Upper
 82 100
 128 38.7 31.3 46.9
 54 74.1 56.6 84.8

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Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 53.290 ng

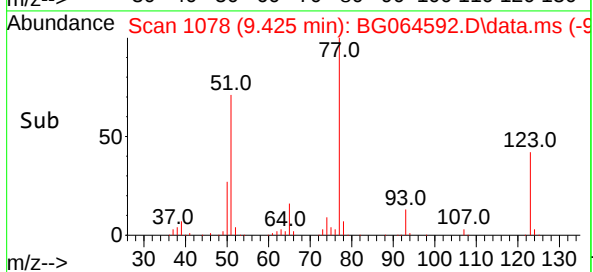
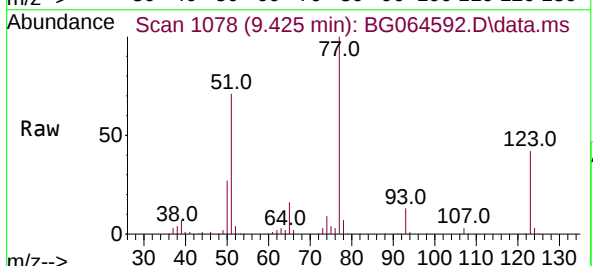
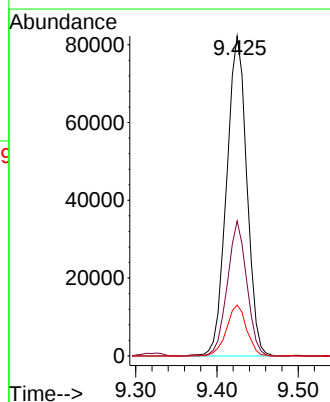
RT: 9.425 min Scan# 1078

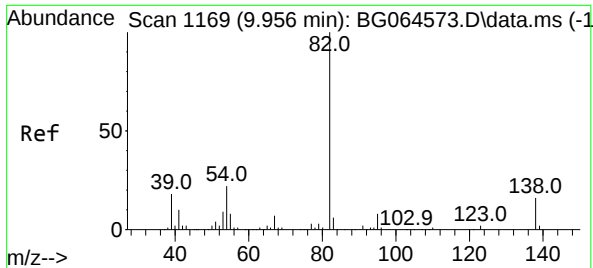
Delta R.T. -0.003 min

Lab File: BG064592.D

Acq: 27 Oct 2025 18:06

Tgt Ion: 77 Resp: 141961
 Ion Ratio Lower Upper
 77 100
 123 42.2 31.0 46.6
 65 15.9 12.7 19.1





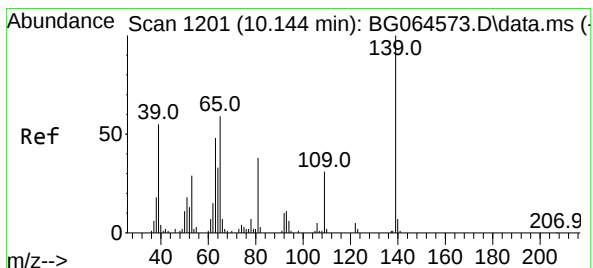
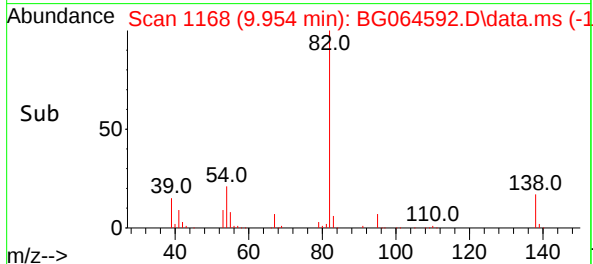
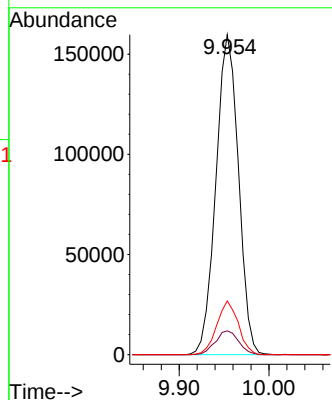
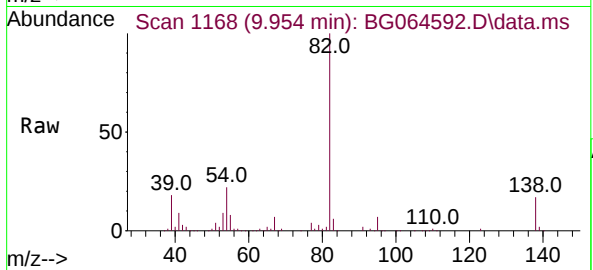
#25
Isophorone
Concen: 47.490 ng
RT: 9.954 min Scan# 1169
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tgt Ion: 82 Resp: 279098
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 16.8 13.0 19.4

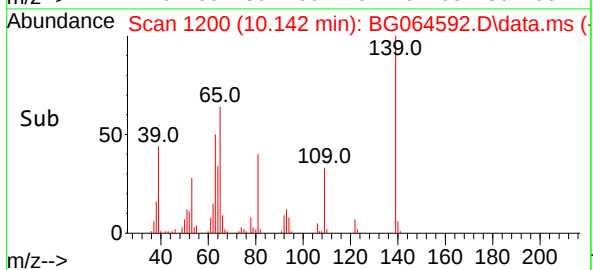
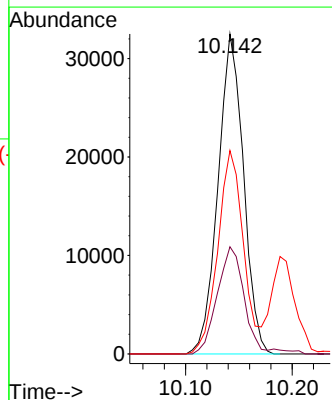
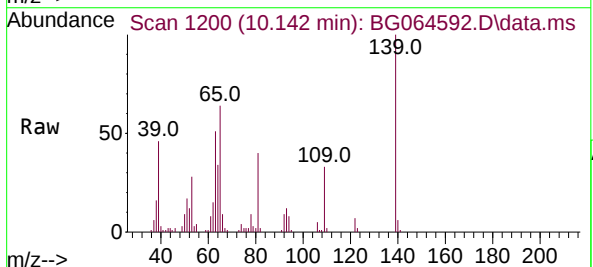
Manual Integrations
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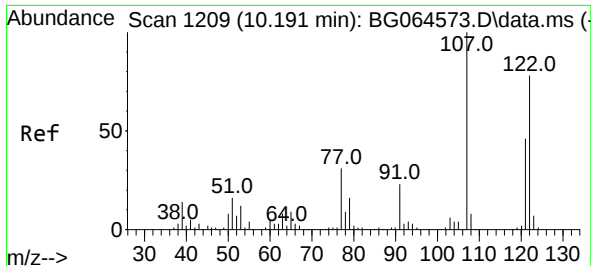
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#26
2-Nitrophenol
Concen: 52.264 ng
RT: 10.142 min Scan# 1200
Delta R.T. -0.002 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

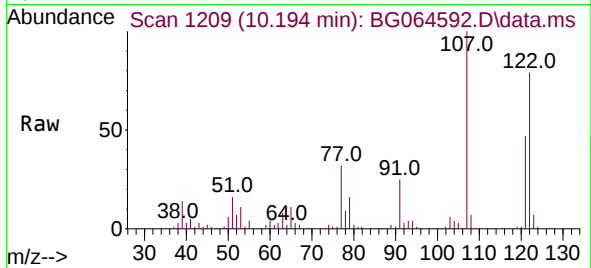
Tgt Ion:139 Resp: 54025
Ion Ratio Lower Upper
139 100
109 33.5 24.6 37.0
65 63.5 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 56.972 ng
RT: 10.194 min Scan# 1209
Delta R.T. 0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

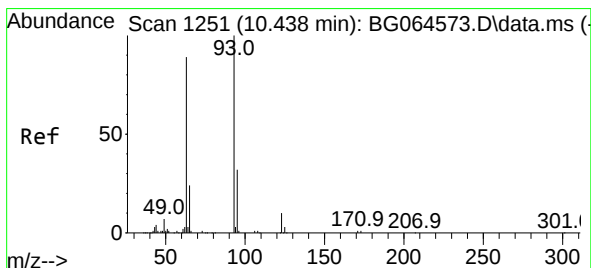
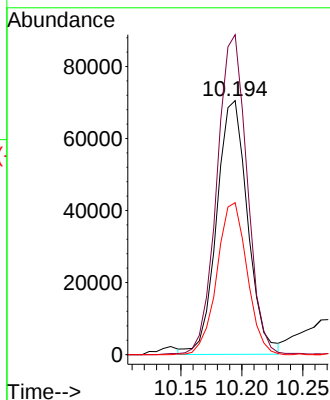
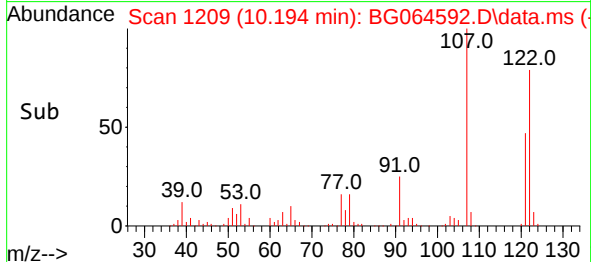
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



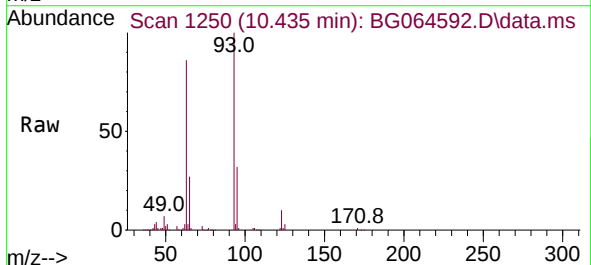
Tgt Ion:122 Resp: 124546
Ion Ratio Lower Upper
122 100
107 126.0 103.0 154.4
121 59.8 47.8 71.8

Manual Integrations
APPROVED

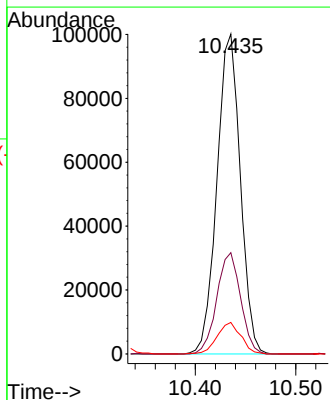
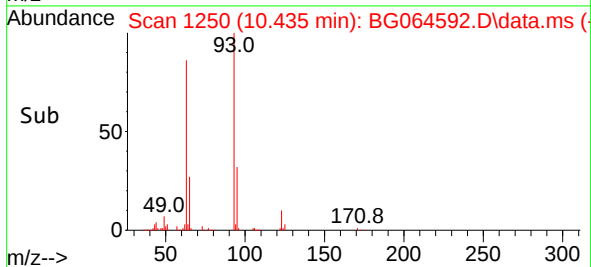
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

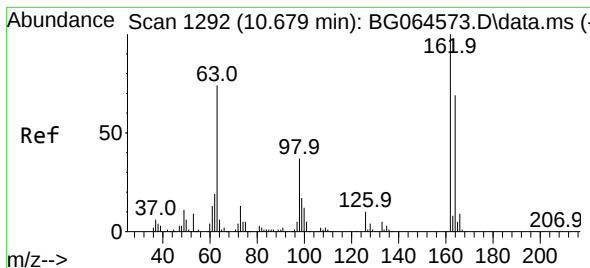


#28
bis(2-Chloroethoxy)methane
Concen: 48.467 ng
RT: 10.435 min Scan# 1250
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06



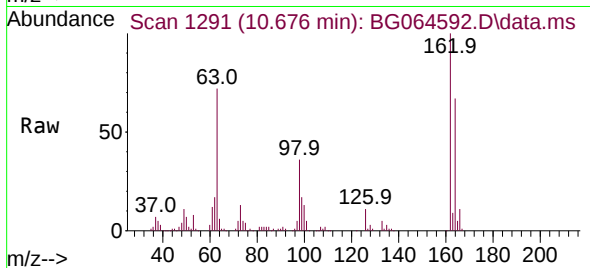
Tgt Ion: 93 Resp: 162179
Ion Ratio Lower Upper
93 100
95 31.7 25.4 38.2
123 9.8 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 55.005 ng
RT: 10.676 min Scan# 1291
Delta R.T. -0.002 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

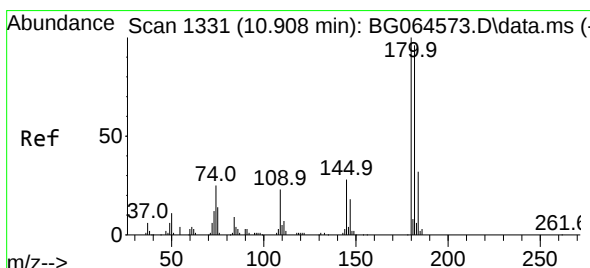
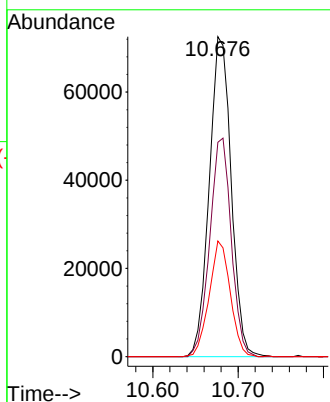
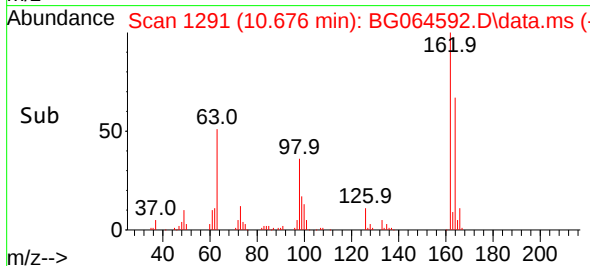
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



Tgt Ion:162 Resp: 129409
Ion Ratio Lower Upper
162 100
164 67.0 48.7 88.7
98 36.2 16.9 56.9

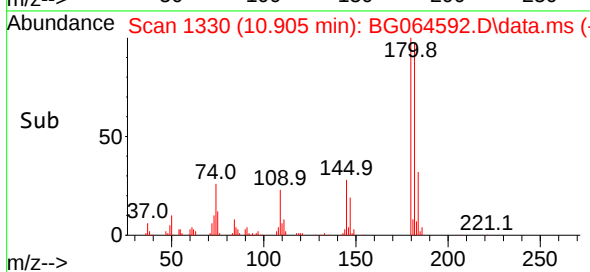
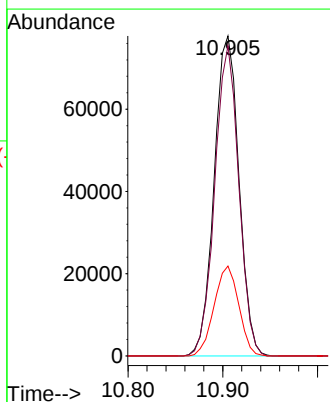
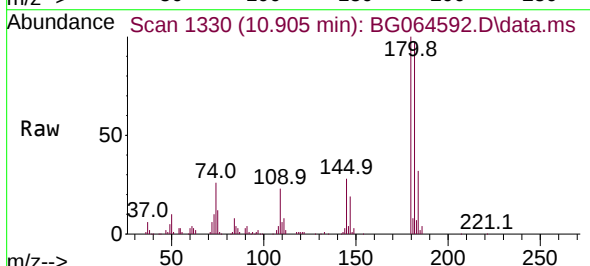
Manual Integrations
APPROVED

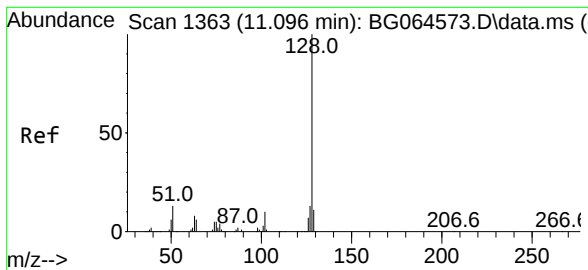
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#30
1,2,4-Trichlorobenzene
Concen: 52.834 ng
RT: 10.905 min Scan# 1330
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

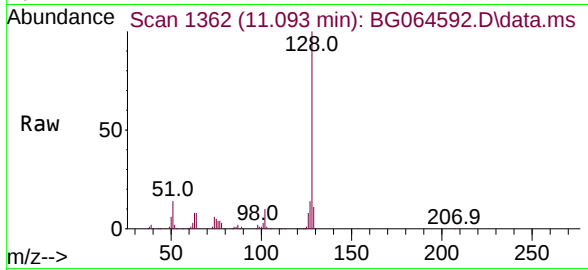
Tgt Ion:180 Resp: 141231
Ion Ratio Lower Upper
180 100
182 96.9 76.9 115.3
145 28.1 22.1 33.1





#31
Naphthalene
Concen: 48.257 ng
RT: 11.093 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

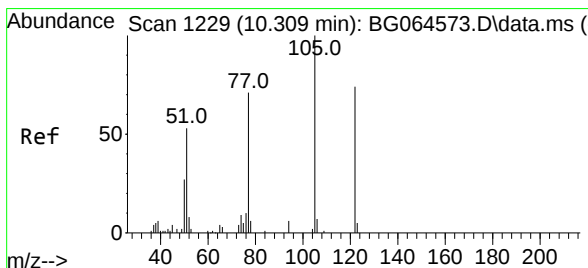
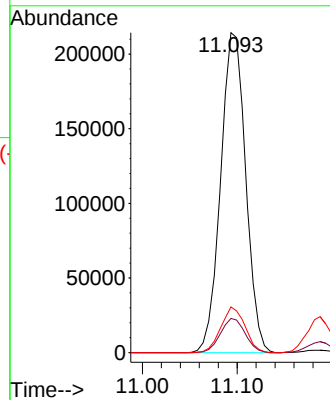
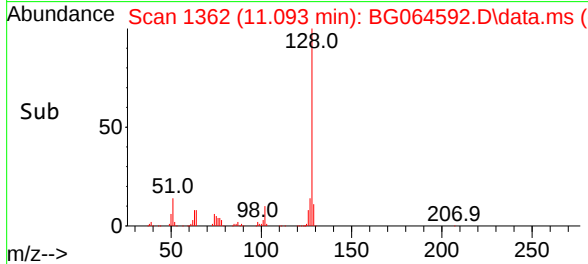
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



Tgt Ion:128 Resp: 393590
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 14.3 10.6 15.8

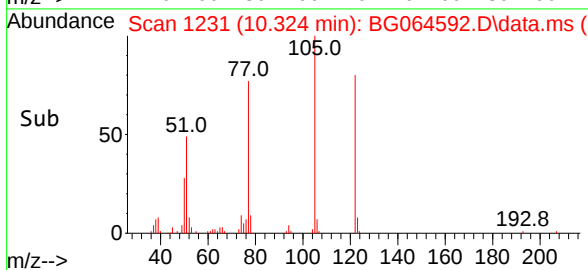
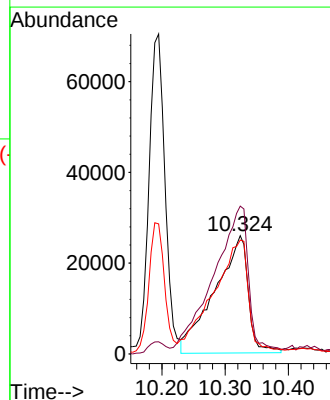
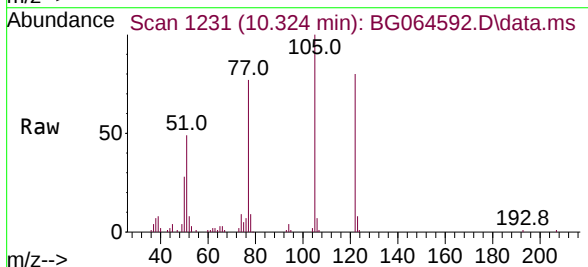
Manual Integrations
APPROVED

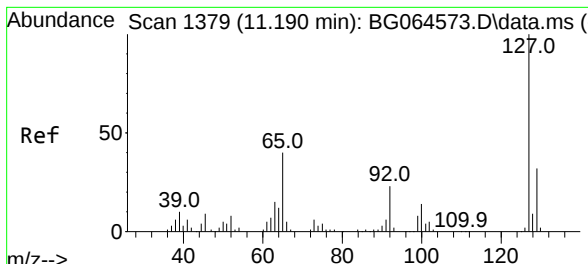
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 55.629 ng
RT: 10.324 min Scan# 1231
Delta R.T. 0.015 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

Tgt Ion:122 Resp: 94984
Ion Ratio Lower Upper
122 100
105 125.0 104.2 144.2
77 96.3 70.2 110.2





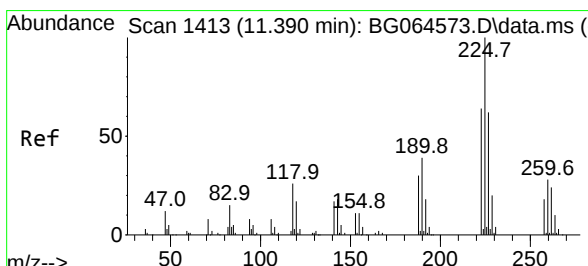
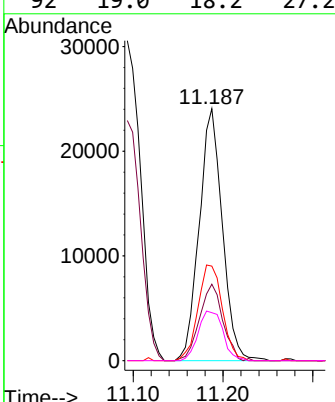
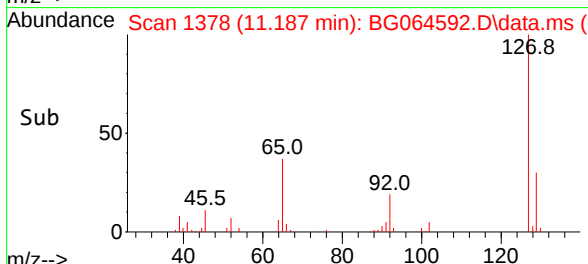
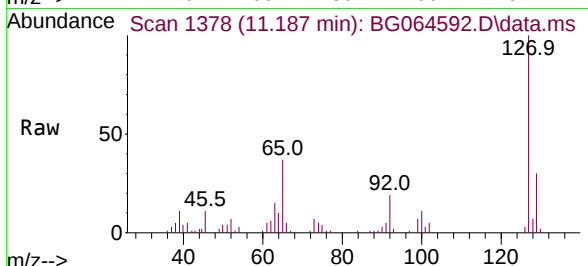
#33
 4-Chloroaniline
 Concen: 13.570 ng
 RT: 11.187 min Scan# 1379
 Delta R.T. -0.003 min
 Lab File: BG064592.D
 Acq: 27 Oct 2025 18:06

Instrument : BNA_G
 ClientSampleId : TP-10MSD

Tgt Ion:	127	Resp:	43020
Ion Ratio	Lower	Upper	
127	100		
129	30.3	25.5	38.3
65	37.5	32.2	48.4
92	19.0	18.2	27.2

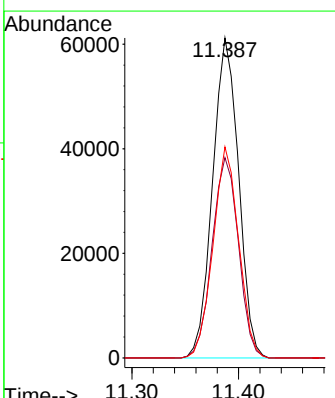
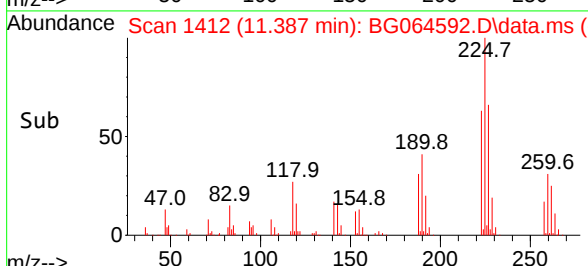
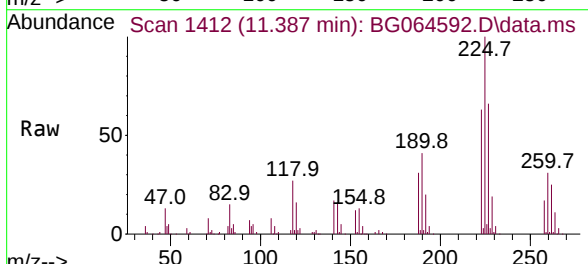
Manual Integrations
 APPROVED

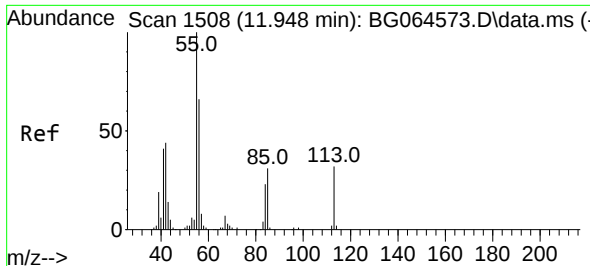
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025



#34
 Hexachlorobutadiene
 Concen: 49.520 ng
 RT: 11.387 min Scan# 1412
 Delta R.T. -0.003 min
 Lab File: BG064592.D
 Acq: 27 Oct 2025 18:06

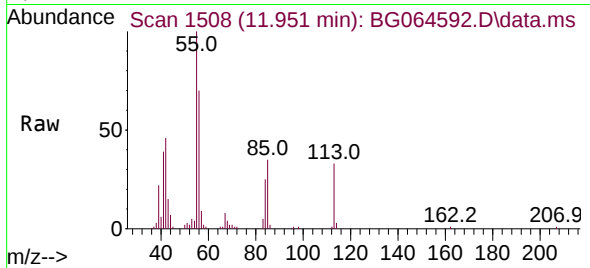
Tgt Ion:	225	Resp:	103521
Ion Ratio	Lower	Upper	
225	100		
223	62.6	48.8	73.2
227	69.0	49.5	74.3





#35
Caprolactam
Concen: 48.800 ng m
RT: 11.951 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

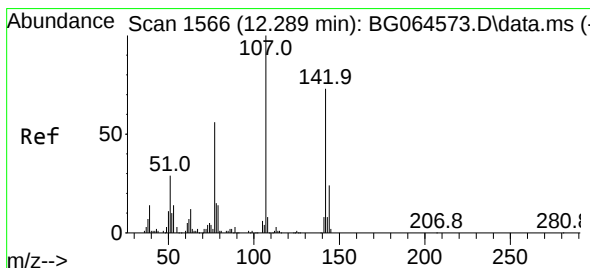
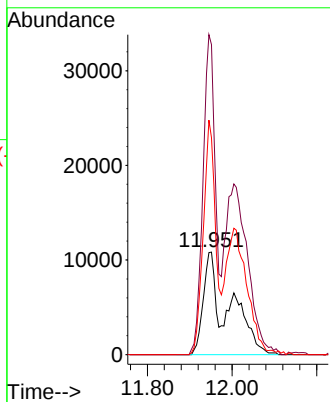
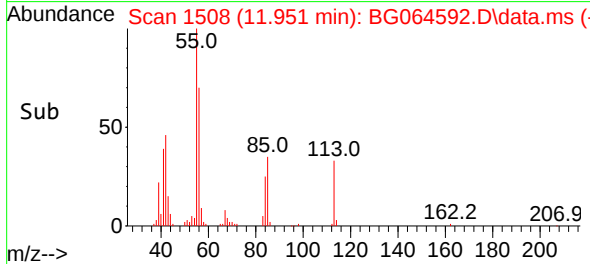
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



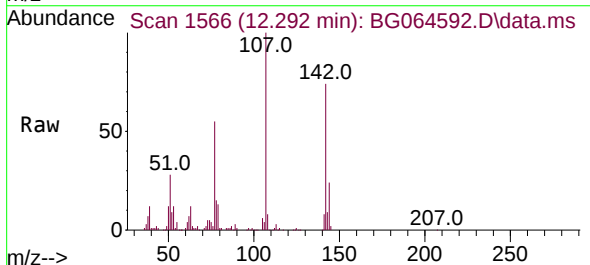
Tgt Ion:113 Resp: 44034
Ion Ratio Lower Upper
113 100
55 302.4 290.1 330.1
56 211.7 183.8 223.8

Manual Integrations
APPROVED

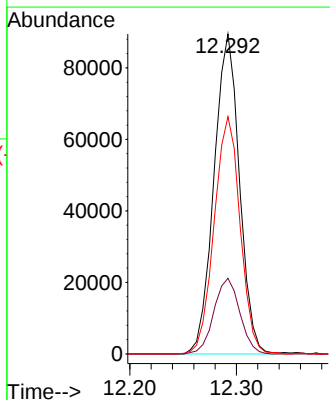
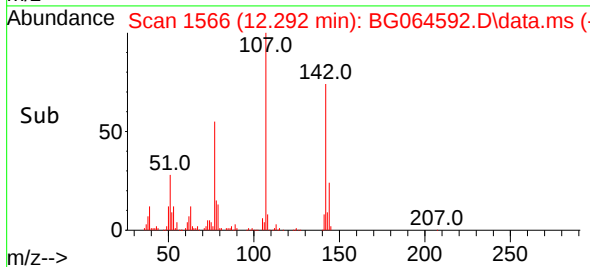
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

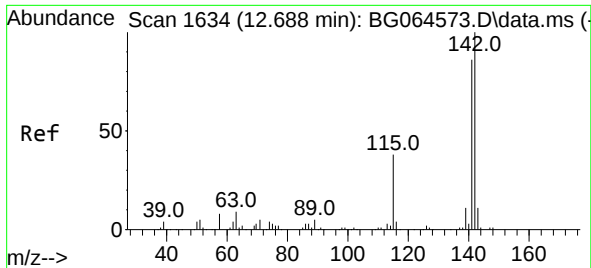


#36
4-Chloro-3-methylphenol
Concen: 52.515 ng
RT: 12.292 min Scan# 1566
Delta R.T. 0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06



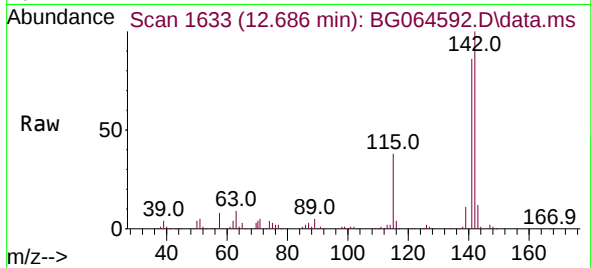
Tgt Ion:107 Resp: 148510
Ion Ratio Lower Upper
107 100
144 23.6 19.1 28.7
142 74.1 58.6 87.8





#37
2-Methylnaphthalene
Concen: 44.659 ng
RT: 12.686 min Scan# 1634
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

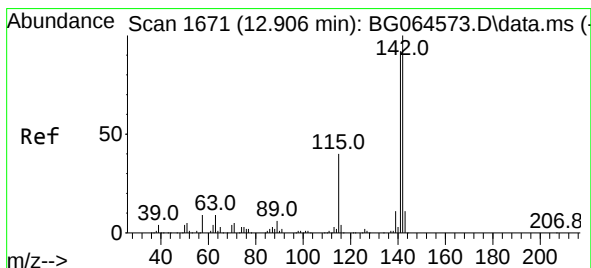
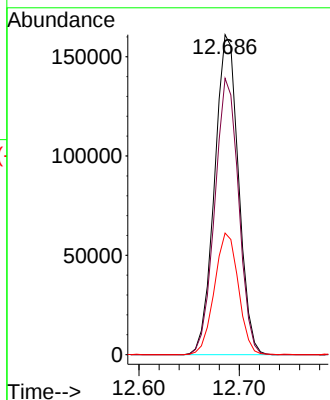
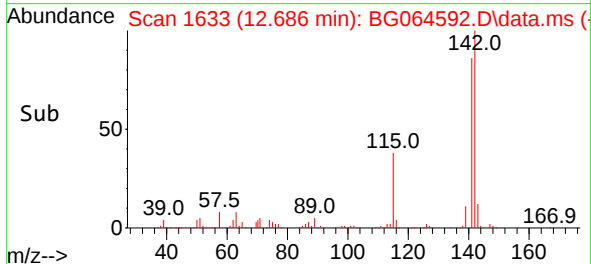
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



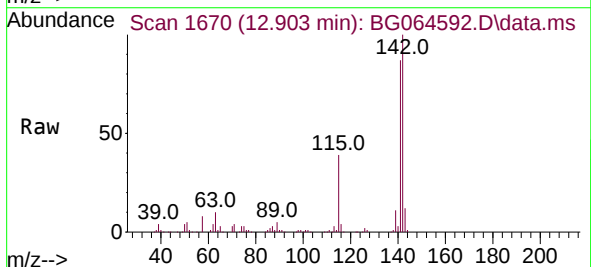
Tgt Ion:142 Resp: 267424
Ion Ratio Lower Upper
142 100
141 86.3 68.9 103.3
115 38.0 30.6 46.0

Manual Integrations
APPROVED

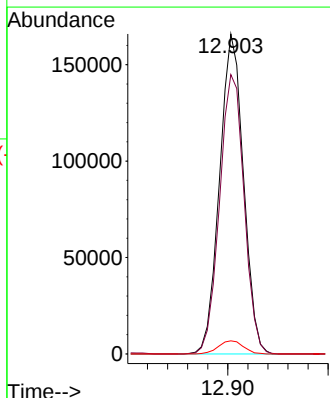
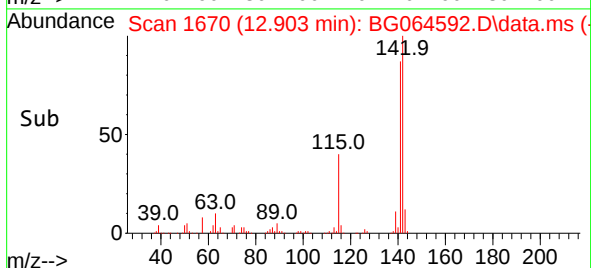
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

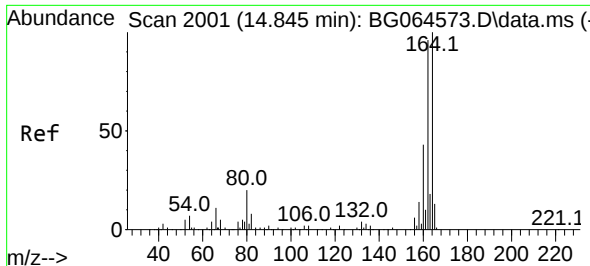


#38
1-Methylnaphthalene
Concen: 46.314 ng
RT: 12.903 min Scan# 1670
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06



Tgt Ion:142 Resp: 274550
Ion Ratio Lower Upper
142 100
141 87.3 73.3 109.9
116 4.1 3.1 4.7





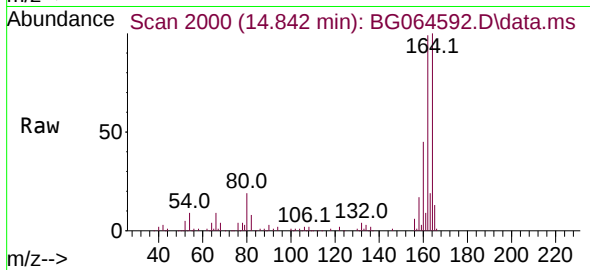
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.842 min Scan# 2001
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

Instrument :

BNA_G

ClientSampleId :

TP-10MSD

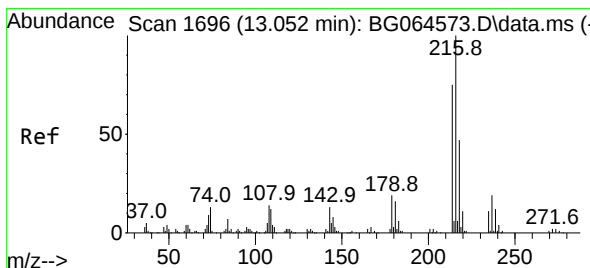
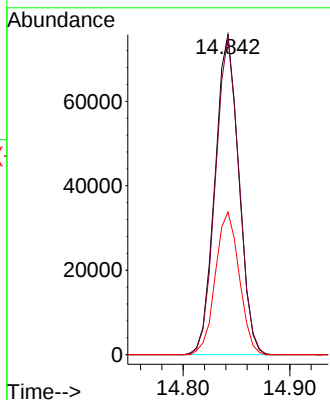
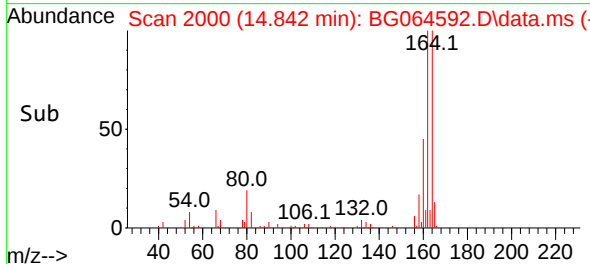


Tgt Ion:164 Resp: 118113
Ion Ratio Lower Upper
164 100
162 99.4 77.0 115.6
160 44.6 34.4 51.6

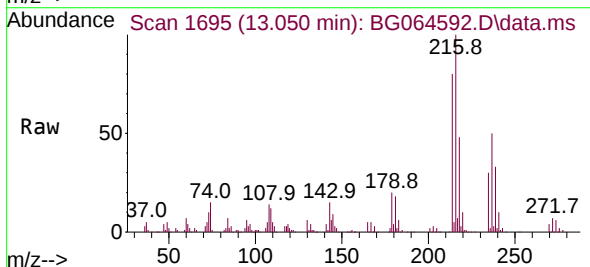
Manual Integrations

APPROVED

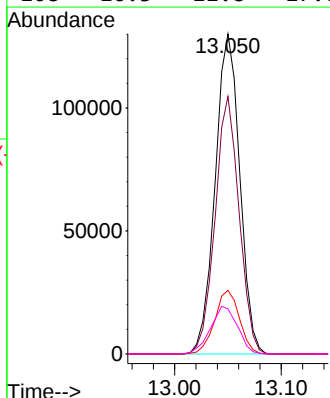
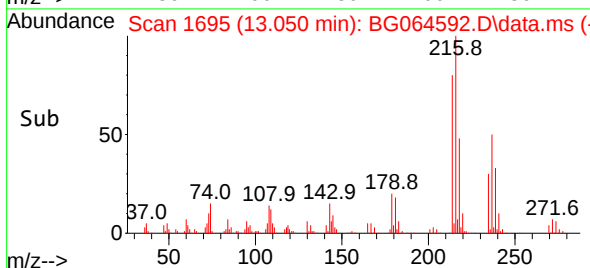
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

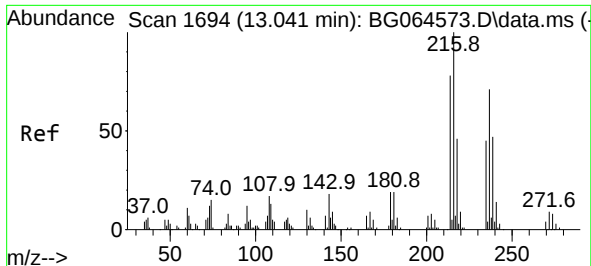


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.718 ng
RT: 13.050 min Scan# 1695
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06



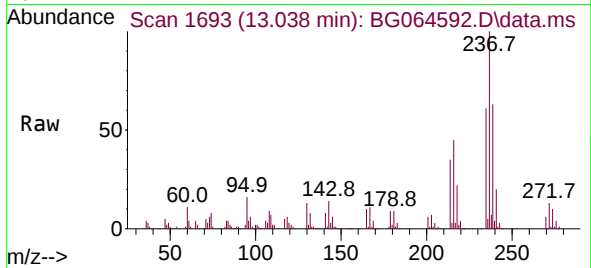
Tgt Ion:216 Resp: 208972
Ion Ratio Lower Upper
216 100
214 78.4 61.4 92.2
179 19.9 15.4 23.0
108 16.3 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 136.457 ng
RT: 13.038 min Scan# 1693
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

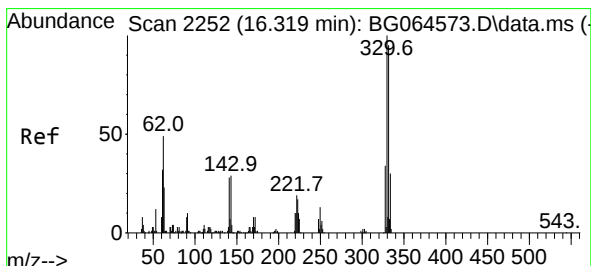
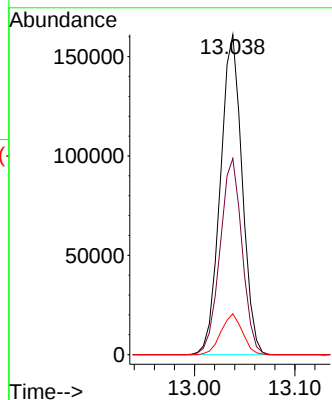
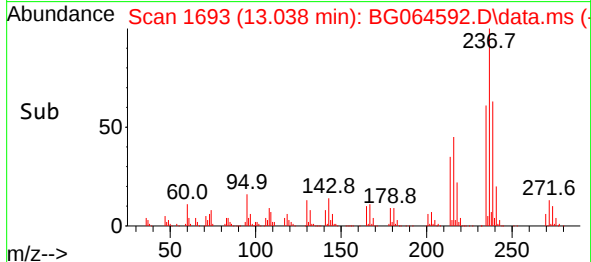
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



Tgt Ion:237 Resp: 243466
Ion Ratio Lower Upper
237 100
235 61.3 44.1 84.1
272 12.8 0.0 32.4

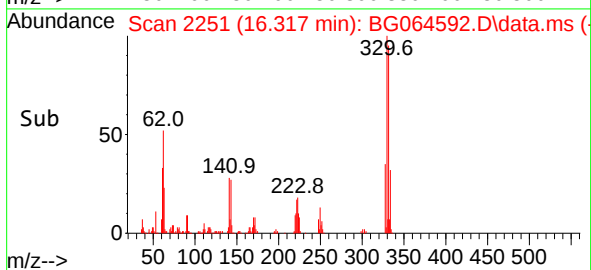
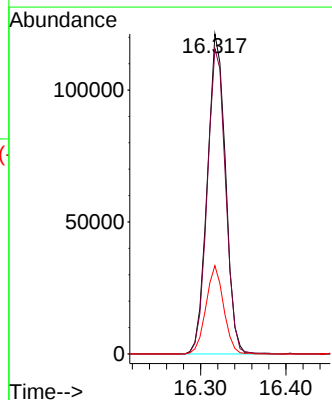
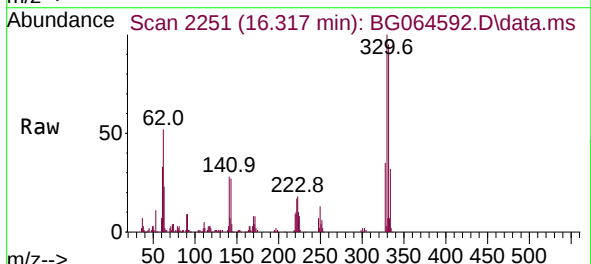
Manual Integrations
APPROVED

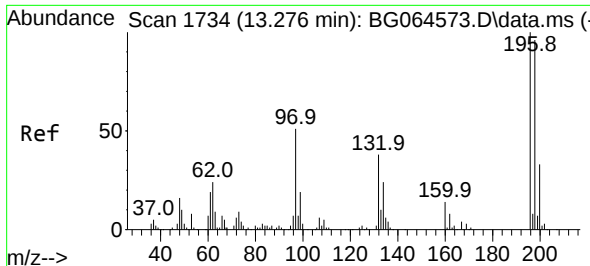
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#42
2,4,6-Tribromophenol
Concen: 105.279 ng
RT: 16.317 min Scan# 2251
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

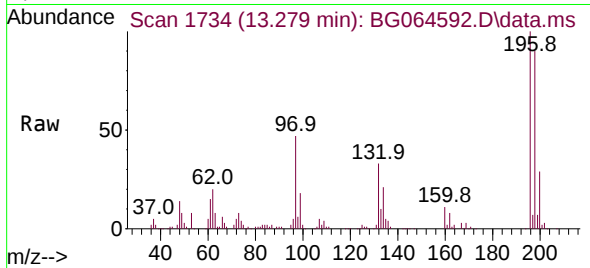
Tgt Ion:330 Resp: 179471
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 26.7 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 55.346 ng
RT: 13.279 min Scan# 1734
Delta R.T. 0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

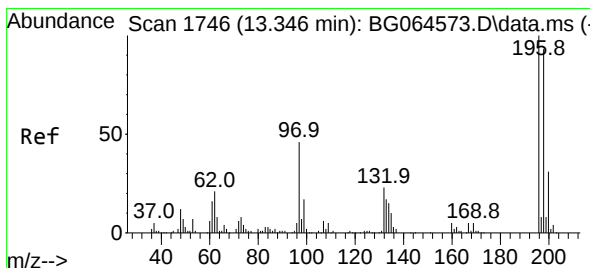
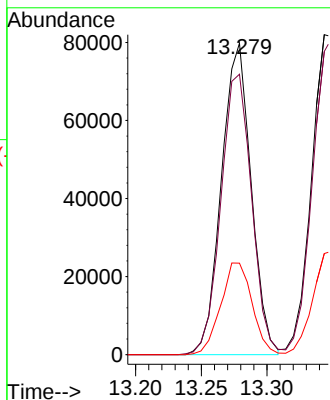
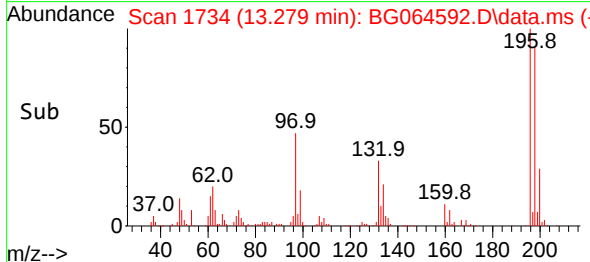
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



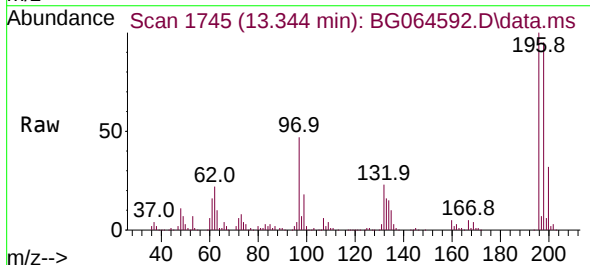
Tgt Ion:196 Resp: 125493
Ion Ratio Lower Upper
196 100
198 90.0 76.6 115.0
200 29.4 26.0 39.0

Manual Integrations
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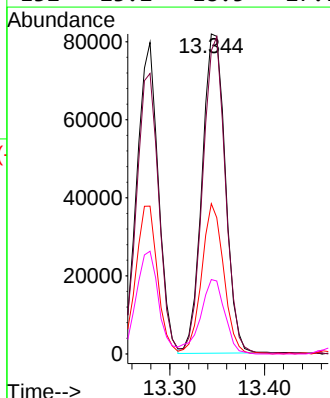
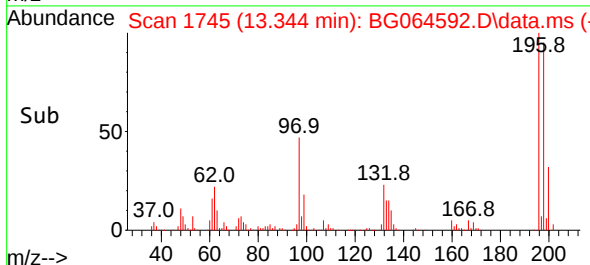
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

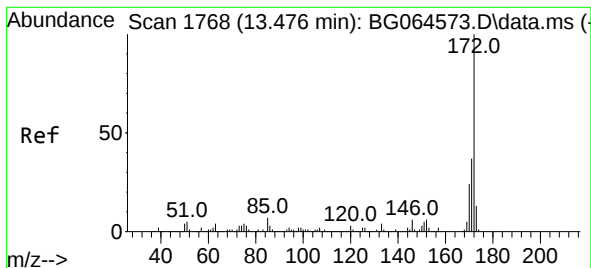


#44
2,4,5-Trichlorophenol
Concen: 53.466 ng
RT: 13.344 min Scan# 1745
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06



Tgt Ion:196 Resp: 139898
Ion Ratio Lower Upper
196 100
198 94.7 74.2 111.4
97 46.9 37.0 55.6
132 23.2 18.5 27.7





#45

2-Fluorobiphenyl

Concen: 58.311 ng

RT: 13.473 min Scan# 1768

Delta R.T. -0.002 min

Lab File: BG064592.D

Acq: 27 Oct 2025 18:06

Instrument :

BNA_G

ClientSampleId :

TP-10MSD

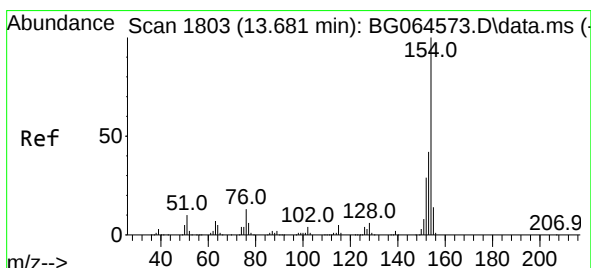
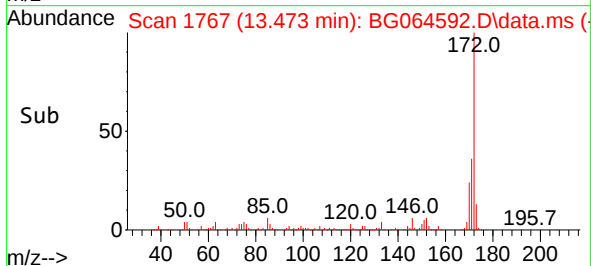
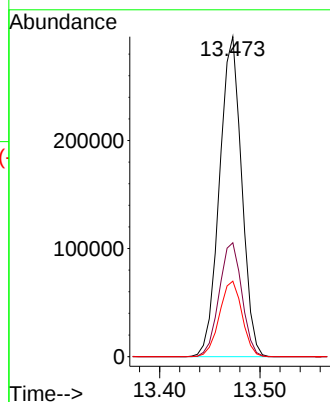
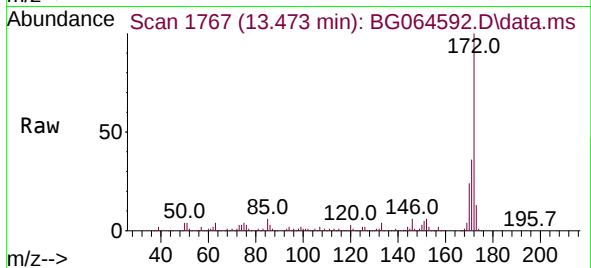
Tgt Ion:172 Resp: 454385

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	23.6	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#46

1,1'-Biphenyl

Concen: 52.889 ng

RT: 13.685 min Scan# 1803

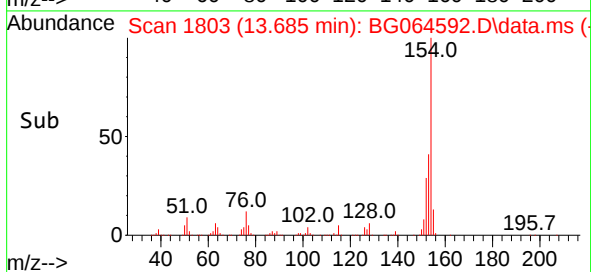
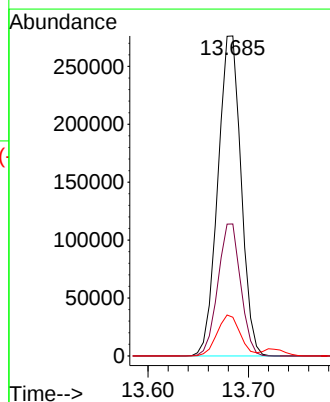
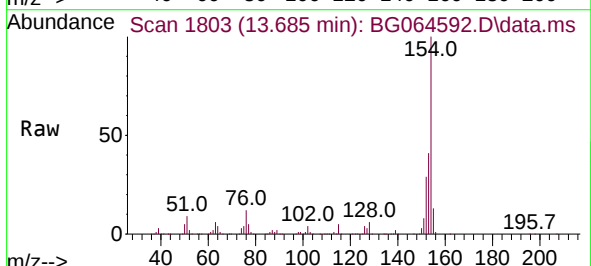
Delta R.T. 0.003 min

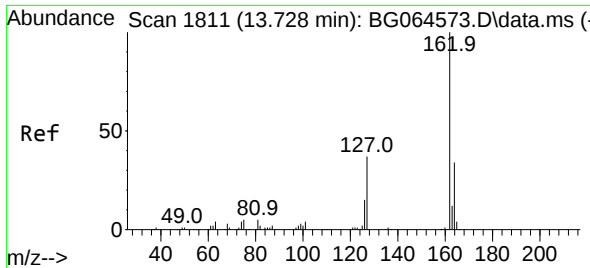
Lab File: BG064592.D

Acq: 27 Oct 2025 18:06

Tgt Ion:154 Resp: 444110

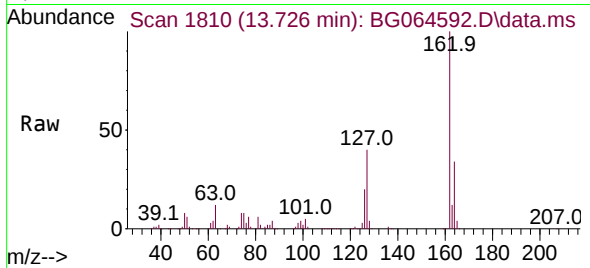
Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.4	62.4
76	12.1	0.0	33.5





#47
2-Chloronaphthalene
Concen: 47.897 ng
RT: 13.726 min Scan# 1811
Delta R.T. -0.002 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

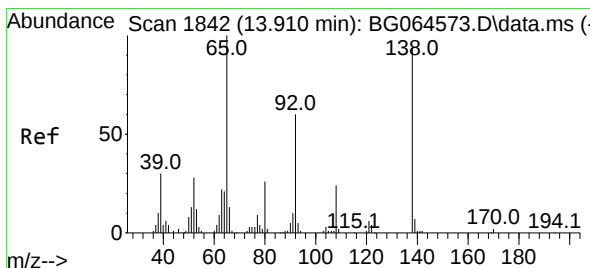
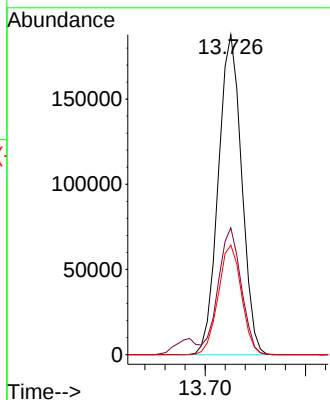
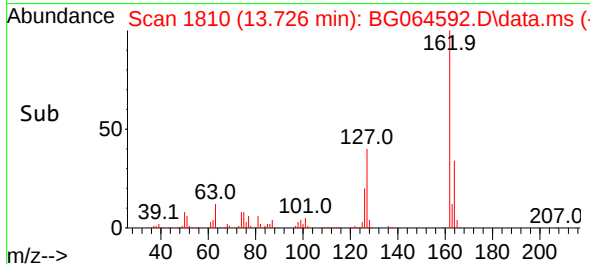
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



Tgt Ion:162 Resp: 30358
Ion Ratio Lower Upper
162 100
127 39.6 32.2 48.2
164 34.2 27.5 41.3

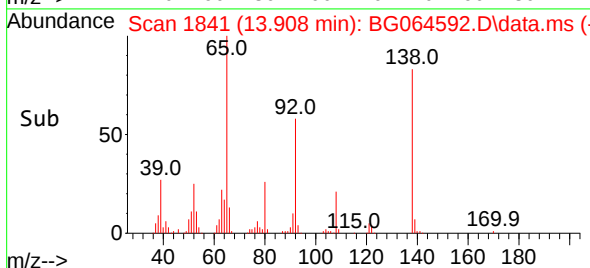
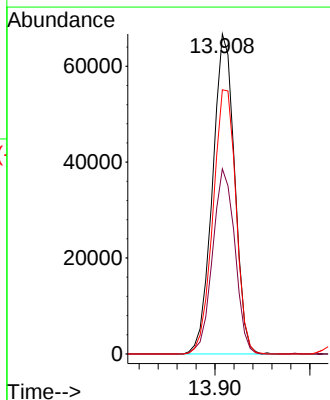
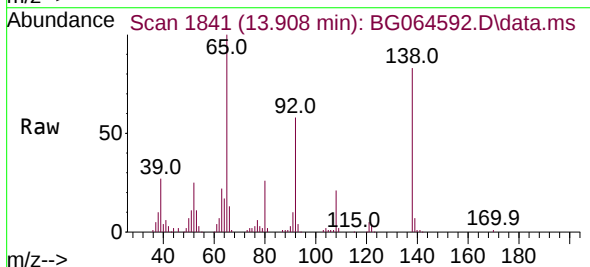
Manual Integrations
APPROVED

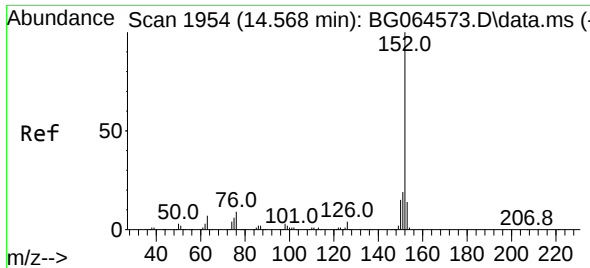
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#48
2-Nitroaniline
Concen: 50.527 ng
RT: 13.908 min Scan# 1841
Delta R.T. -0.002 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

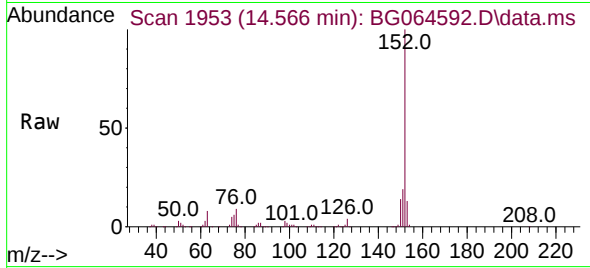
Tgt Ion: 65 Resp: 107900
Ion Ratio Lower Upper
65 100
92 57.8 48.3 72.5
138 82.5 74.9 112.3





#49
Acenaphthylene
Concen: 54.565 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

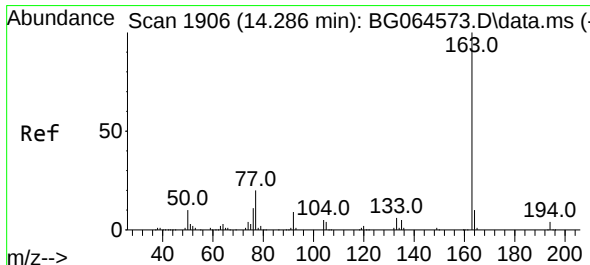
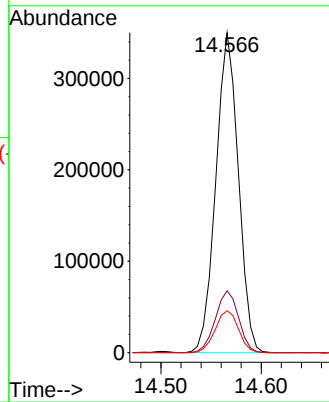
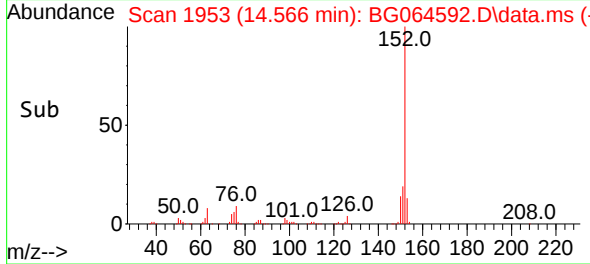
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



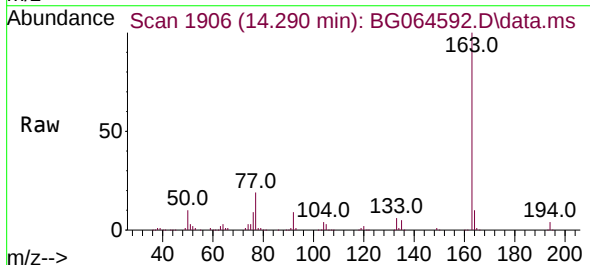
Tgt Ion:152 Resp: 545521
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 13.1 11.0 16.4

Manual Integrations
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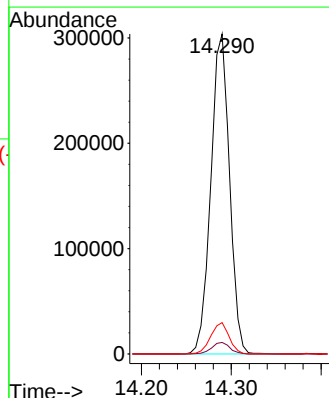
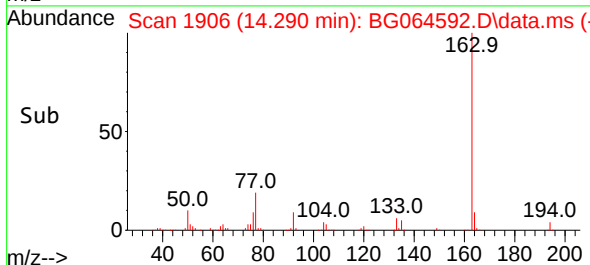
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

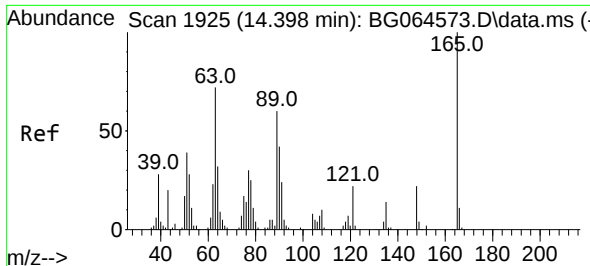


#50
Dimethylphthalate
Concen: 48.650 ng
RT: 14.290 min Scan# 1906
Delta R.T. 0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06



Tgt Ion:163 Resp: 439698
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.8 7.7 11.5





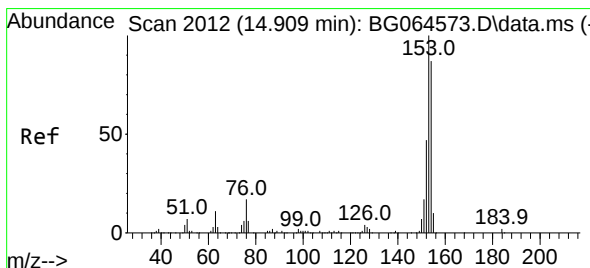
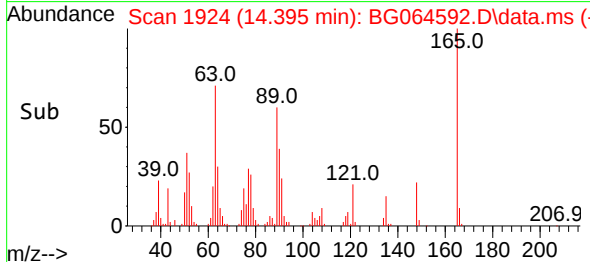
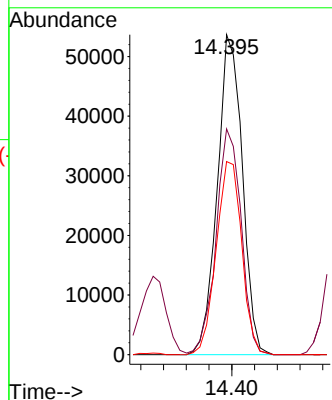
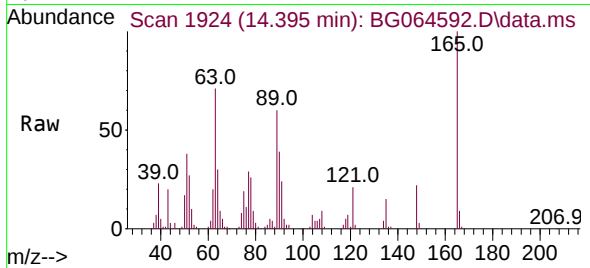
#51
2,6-Dinitrotoluene
Concen: 54.530 ng
RT: 14.395 min Scan# 1925
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tgt Ion:165 Resp: 82013
Ion Ratio Lower Upper
165 100
63 70.5 57.4 86.0
89 60.3 47.8 71.8

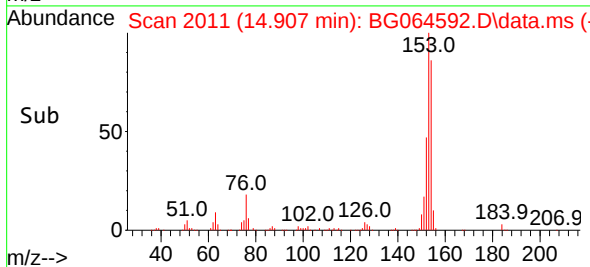
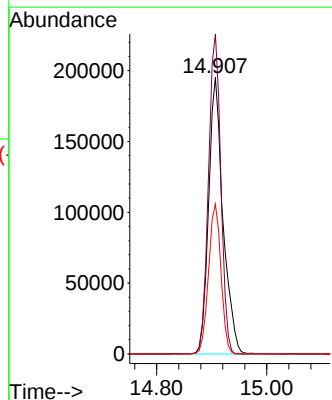
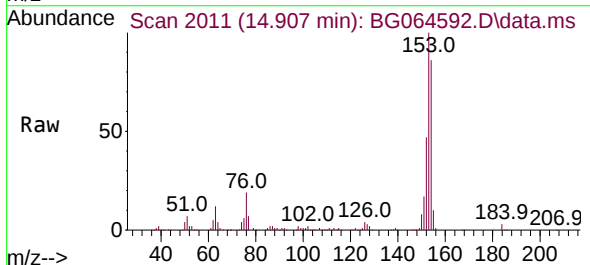
Manual Integrations
APPROVED

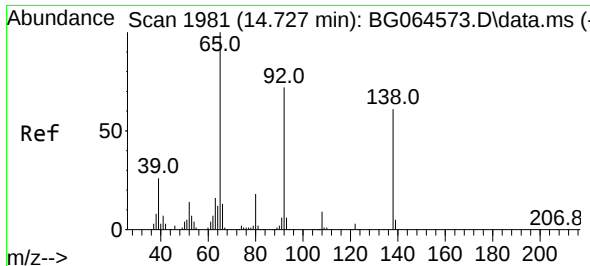
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 51.966 ng
RT: 14.907 min Scan# 2011
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

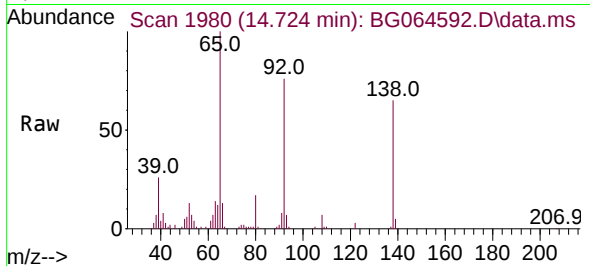
Tgt Ion:154 Resp: 354955
Ion Ratio Lower Upper
154 100
153 115.7 92.2 138.4
152 54.1 43.2 64.8





#53
3-Nitroaniline
Concen: 28.873 ng
RT: 14.724 min Scan# 1981
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

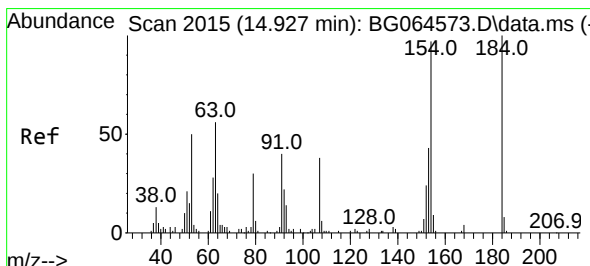
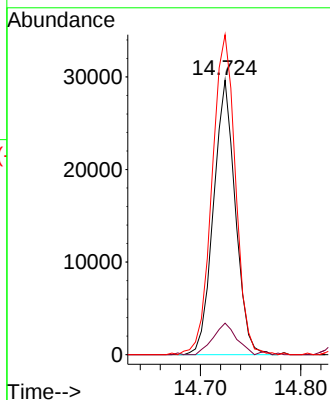
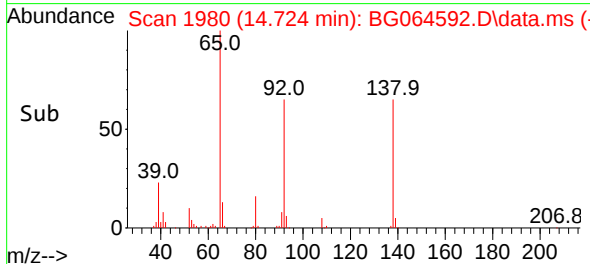
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



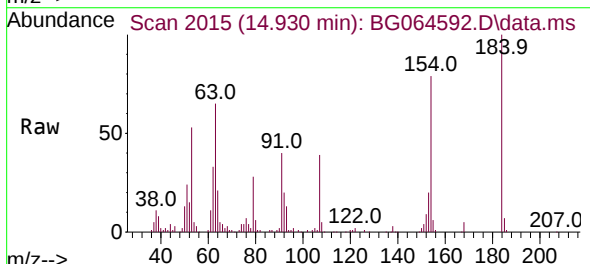
Tgt Ion:138 Resp: 44846
Ion Ratio Lower Upper
138 100
108 11.5 11.4 17.0
92 116.6 95.3 142.9

Manual Integrations
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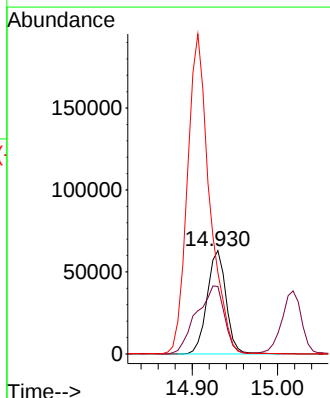
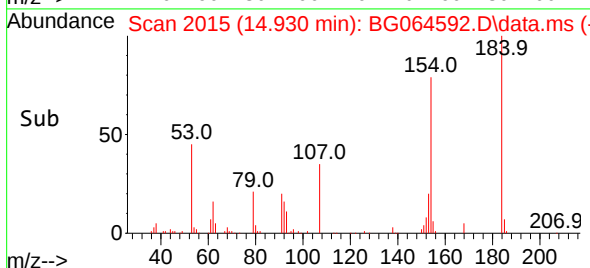
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

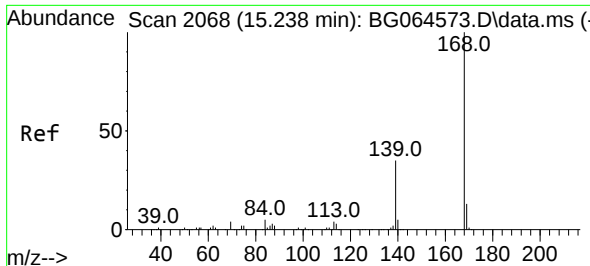


#54
2,4-Dinitrophenol
Concen: 104.186 ng
RT: 14.930 min Scan# 2015
Delta R.T. 0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06



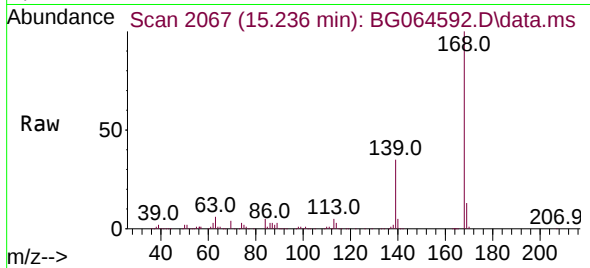
Tgt Ion:184 Resp: 96997
Ion Ratio Lower Upper
184 100
63 65.4 56.6 85.0
154 78.9 158.6 238.0#





#55
Dibenzenofuran
Concen: 47.985 ng
RT: 15.236 min Scan# 2068
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

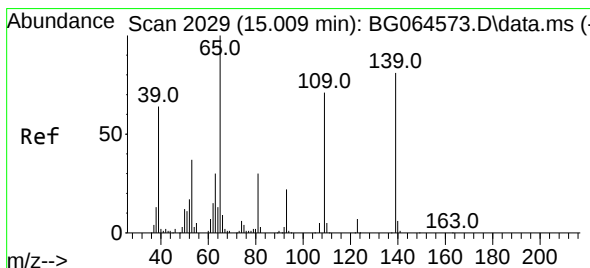
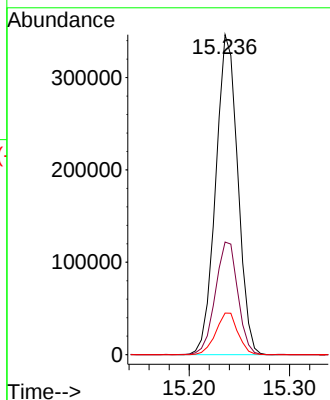
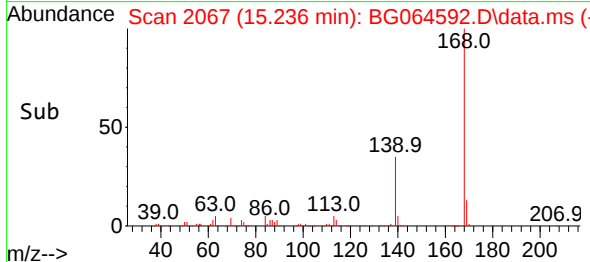
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



Tgt Ion:168 Resp: 529890
Ion Ratio Lower Upper
168 100
139 35.2 27.8 41.8
169 13.0 10.3 15.5

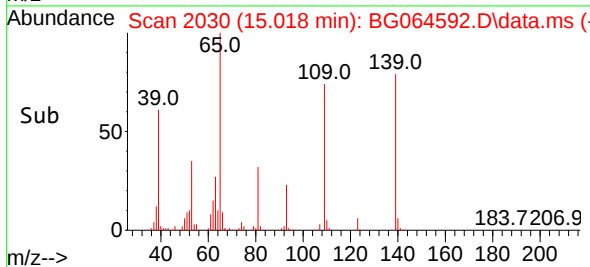
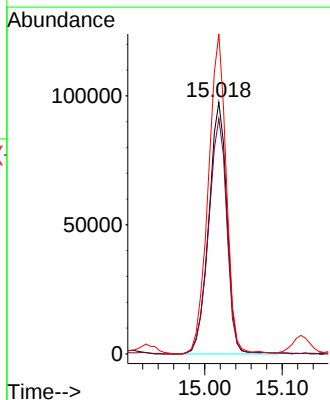
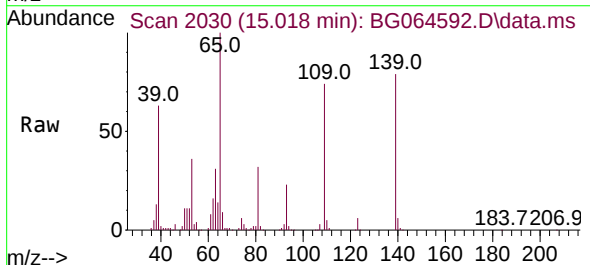
Manual Integrations
APPROVED

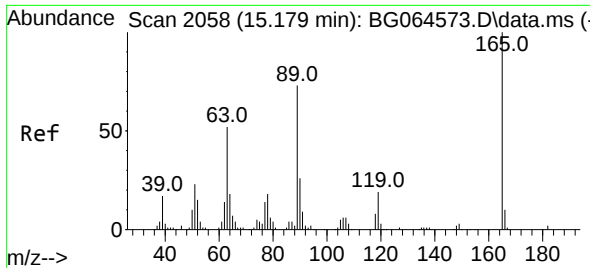
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#56
4-Nitrophenol
Concen: 110.376 ng
RT: 15.018 min Scan# 2030
Delta R.T. 0.009 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

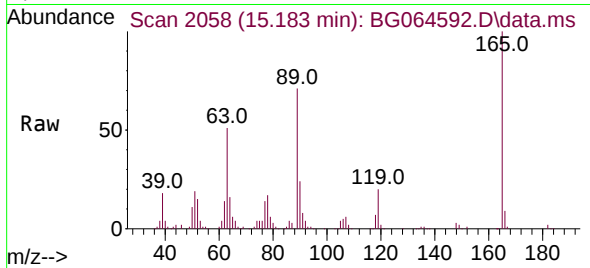
Tgt Ion:139 Resp: 158948
Ion Ratio Lower Upper
139 100
109 93.5 67.8 107.8
65 127.2 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 53.794 ng
RT: 15.183 min Scan# 2058
Delta R.T. 0.004 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

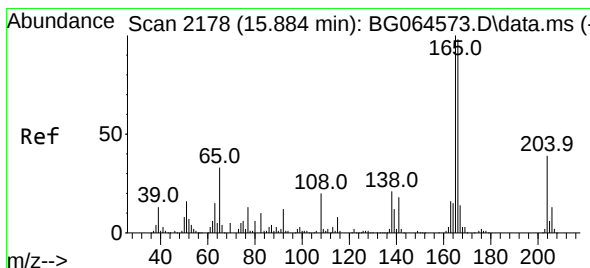
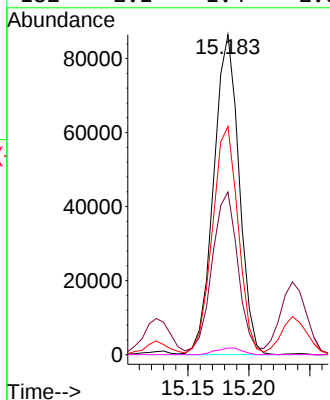
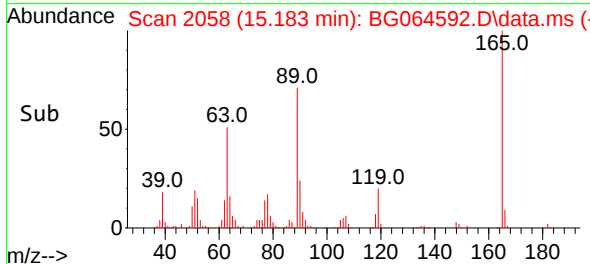
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



Tgt Ion:165 Resp: 124942
Ion Ratio Lower Upper
165 100
63 50.9 41.8 62.8
89 71.3 58.1 87.1
182 2.1 1.4 2.0#

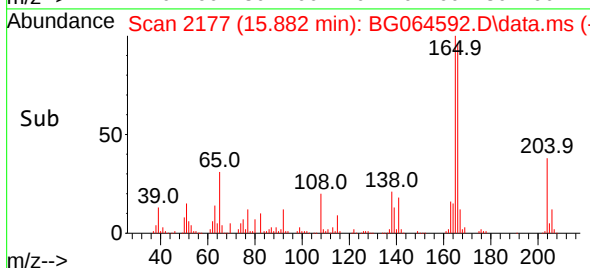
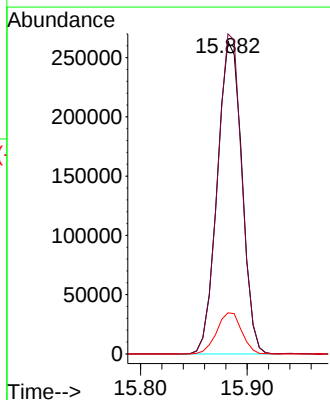
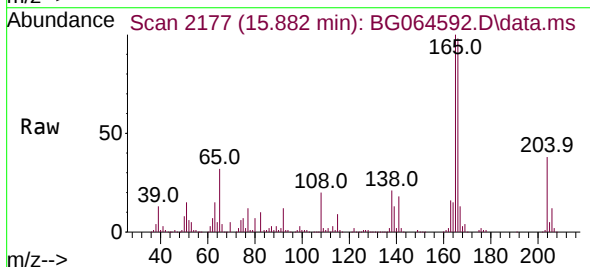
Manual Integrations
APPROVED

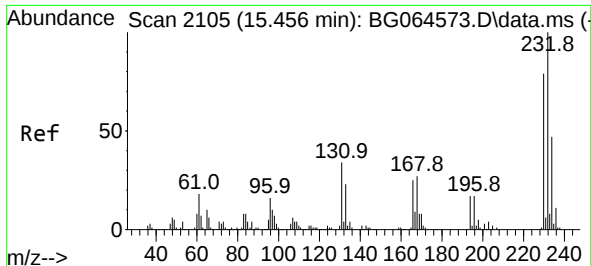
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#58
Fluorene
Concen: 49.236 ng
RT: 15.882 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

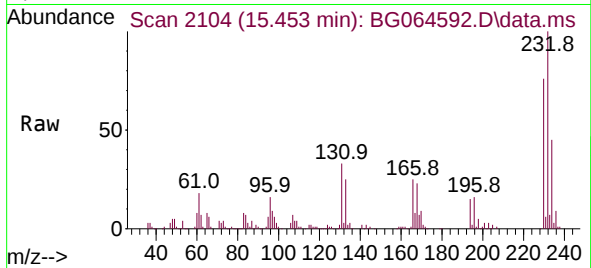
Tgt Ion:166 Resp: 424621
Ion Ratio Lower Upper
166 100
165 102.4 81.5 122.3
167 13.1 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.313 ng
RT: 15.453 min Scan# 2105
Delta R.T. -0.002 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

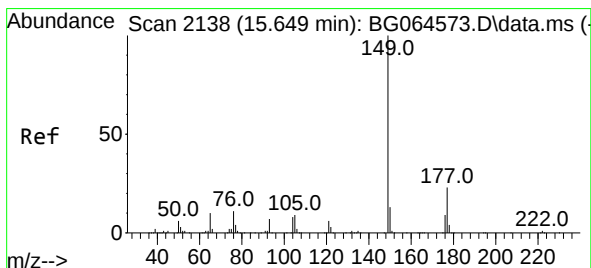
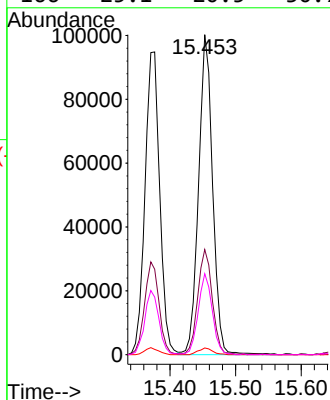
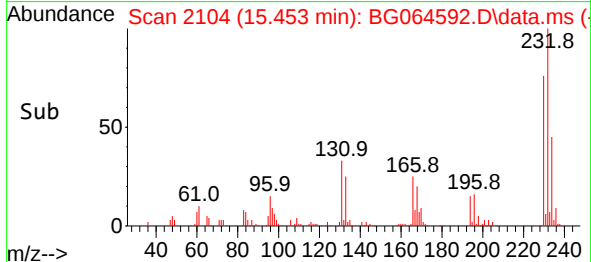
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



Tgt Ion:232 Resp: 14840
Ion Ratio Lower Upper
232 100
131 34.0 26.7 40.1
130 2.1 1.6 2.4
166 25.1 20.5 30.7

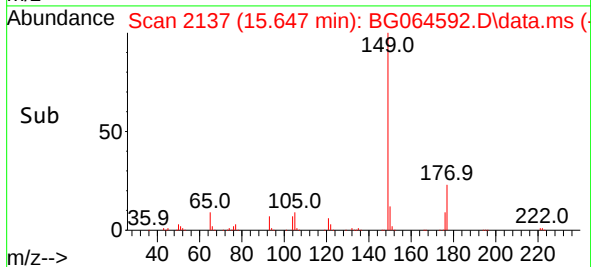
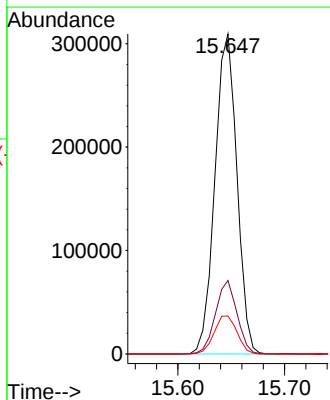
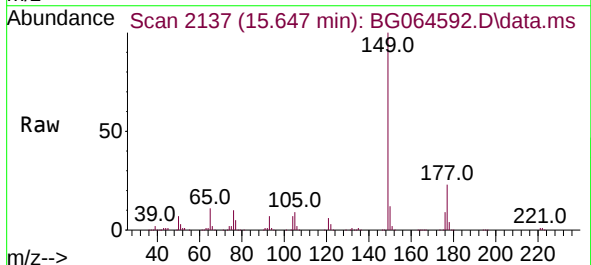
Manual Integrations
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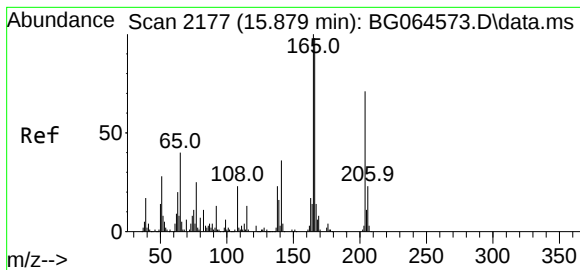
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#60
Diethylphthalate
Concen: 48.061 ng
RT: 15.647 min Scan# 2137
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

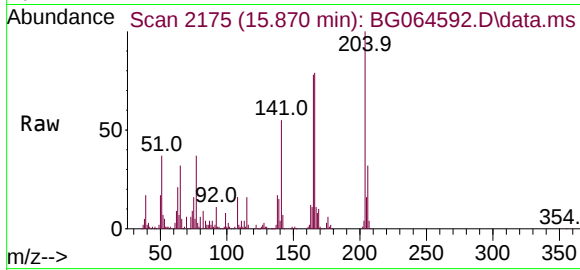
Tgt Ion:149 Resp: 443525
Ion Ratio Lower Upper
149 100
177 22.9 18.0 27.0
150 11.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 48.191 ng
RT: 15.870 min Scan# 2177
Delta R.T. -0.008 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

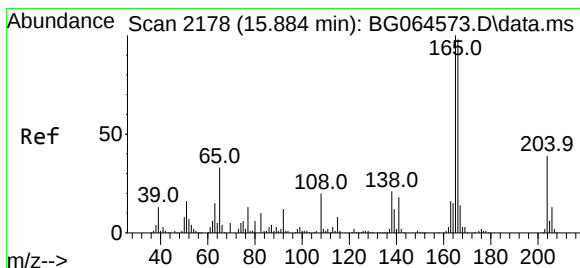
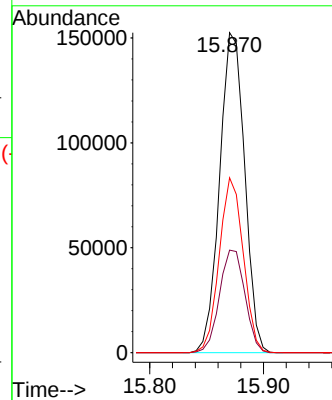
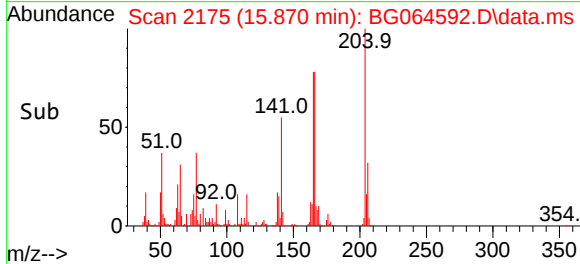
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



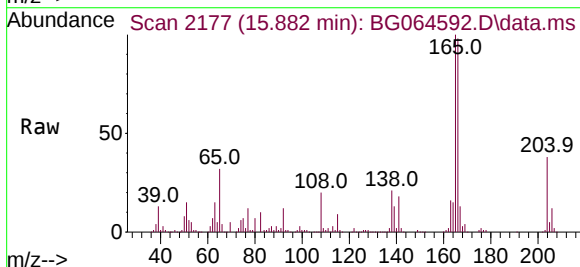
Tgt Ion:204 Resp: 233237
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 54.6 40.6 60.8

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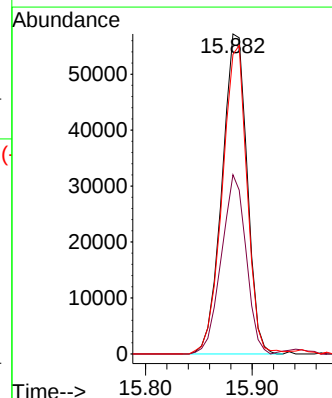
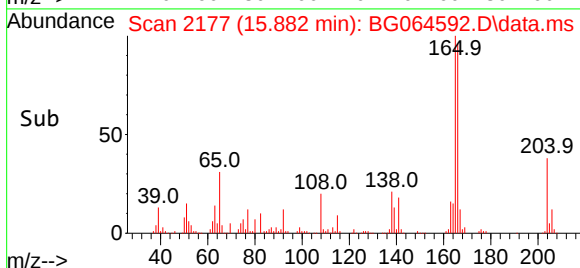
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

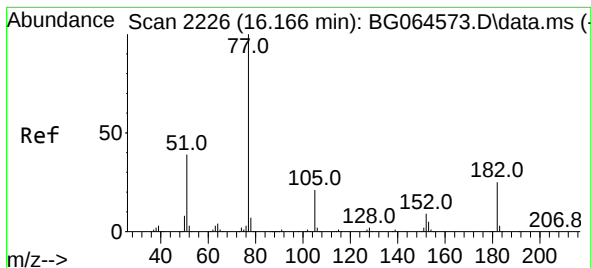


#62
4-Nitroaniline
Concen: 54.154 ng
RT: 15.882 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06



Tgt Ion:138 Resp: 93577
Ion Ratio Lower Upper
138 100
92 56.0 36.1 76.1
108 93.6 75.6 115.6





#63

Azobenzene

Concen: 53.578 ng

RT: 16.164 min Scan# 2226

Delta R.T. -0.003 min

Lab File: BG064592.D

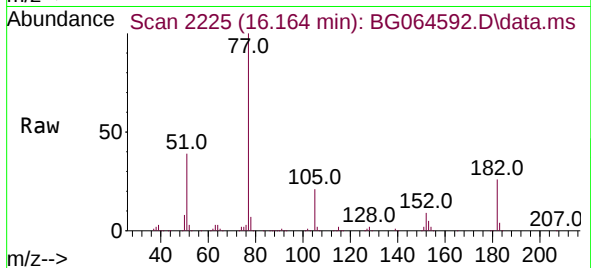
Acq: 27 Oct 2025 18:06

Instrument :

BNA_G

ClientSampleId :

TP-10MSD



Tgt Ion: 77 Resp: 453659

Ion Ratio Lower Upper

77 100

182 26.1 4.9 44.9

105 21.2 1.3 41.3

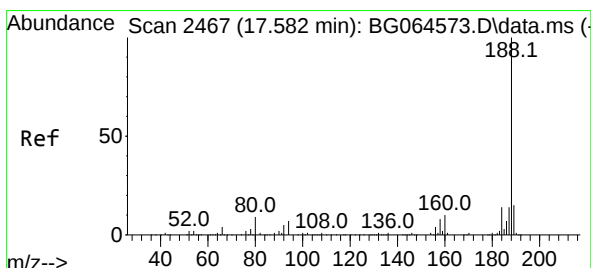
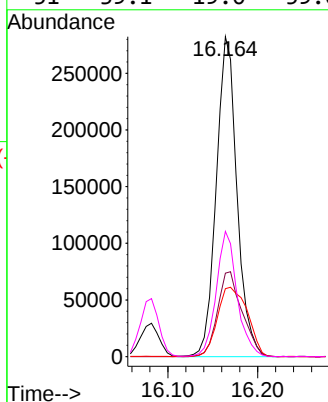
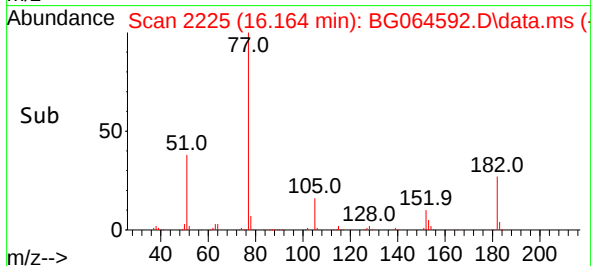
51 39.1 19.0 59.0

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 11/05/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.580 min Scan# 2466

Delta R.T. -0.003 min

Lab File: BG064592.D

Acq: 27 Oct 2025 18:06

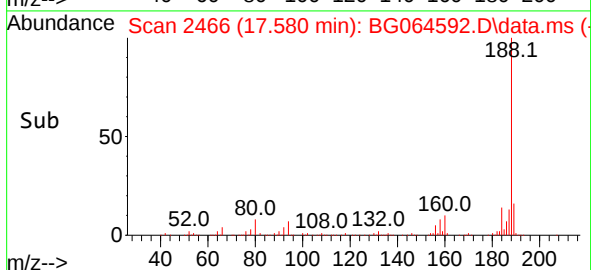
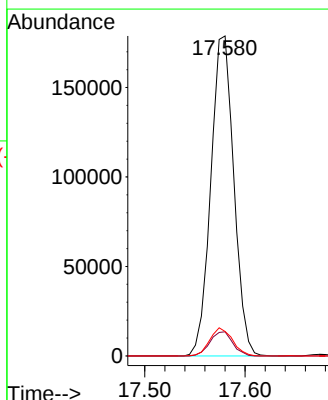
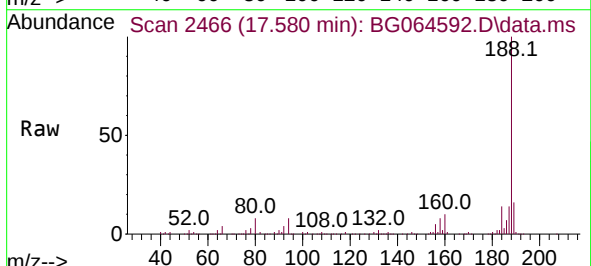
Tgt Ion:188 Resp: 285291

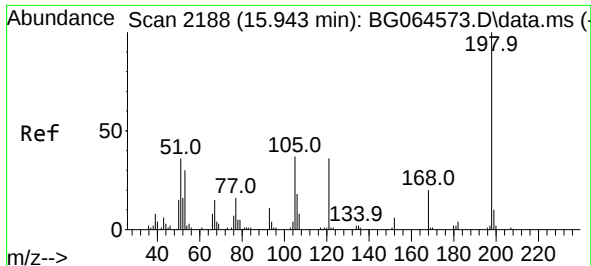
Ion Ratio Lower Upper

188 100

94 7.5 5.7 8.5

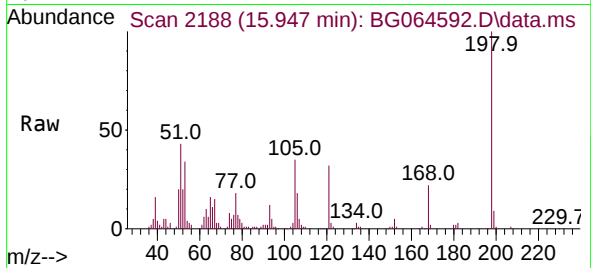
80 7.6 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 53.613 ng
RT: 15.947 min Scan# 2188
Delta R.T. 0.004 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

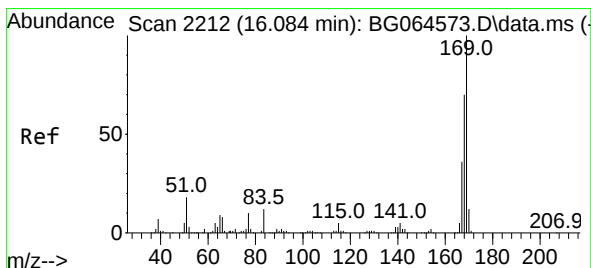
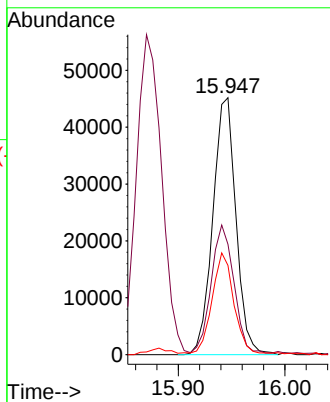
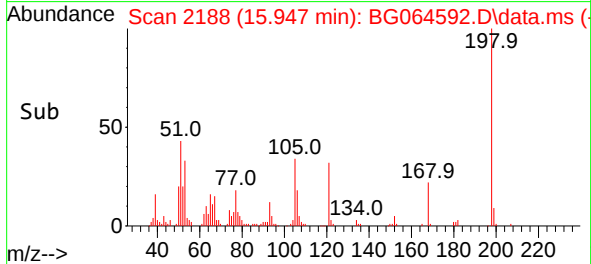
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



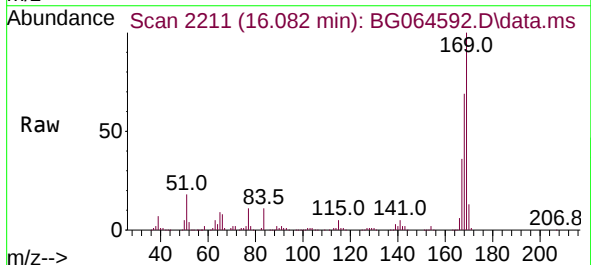
Tgt Ion:198 Resp: 68203
Ion Ratio Lower Upper
198 100
51 42.9 24.7 64.7
105 34.7 18.0 58.0

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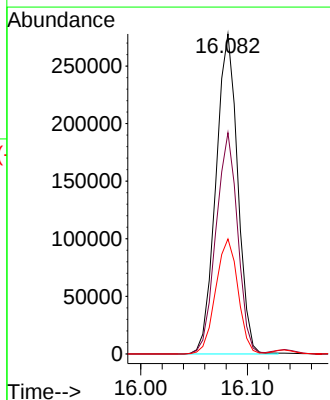
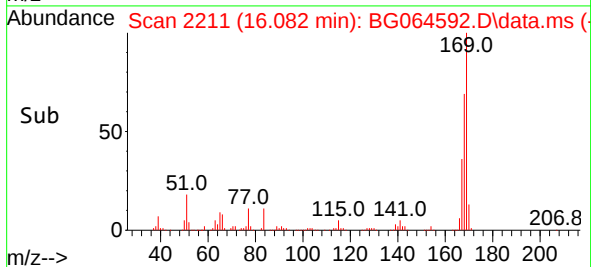
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

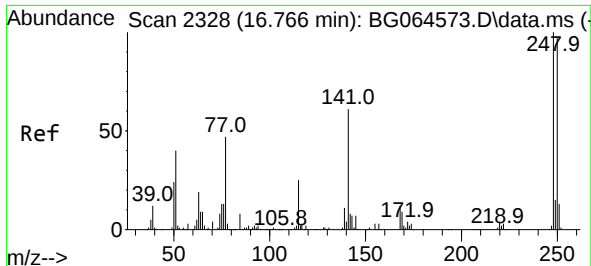


#66
n-Nitrosodiphenylamine
Concen: 51.234 ng
RT: 16.082 min Scan# 2211
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06



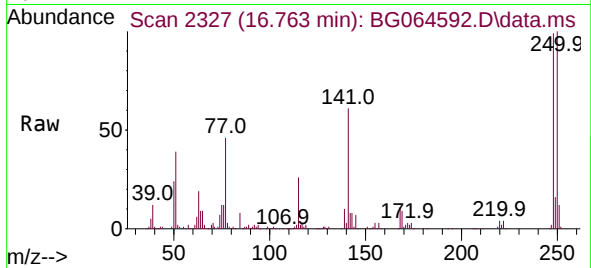
Tgt Ion:169 Resp: 394831
Ion Ratio Lower Upper
169 100
168 69.1 56.3 84.5
167 35.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 49.056 ng
RT: 16.763 min Scan# 2327
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

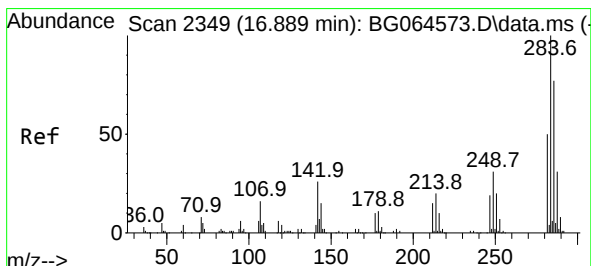
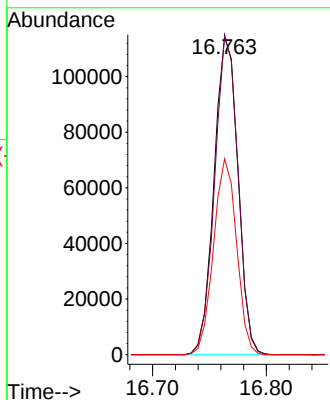
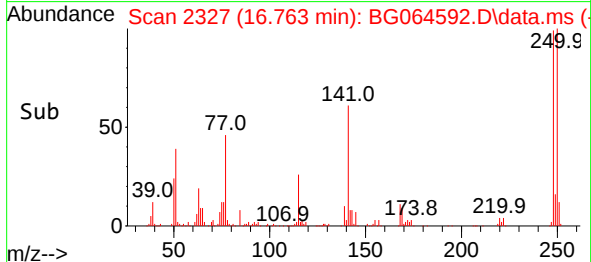
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



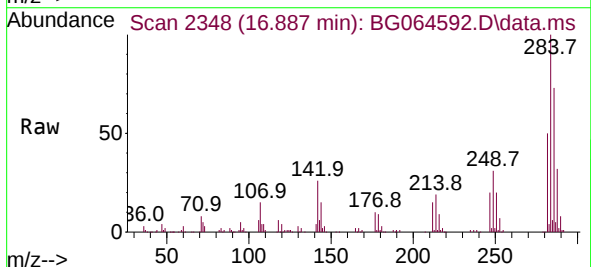
Tgt Ion:248 Resp: 165848
Ion Ratio Lower Upper
248 100
250 100.8 77.7 116.5
141 61.7 48.6 72.8

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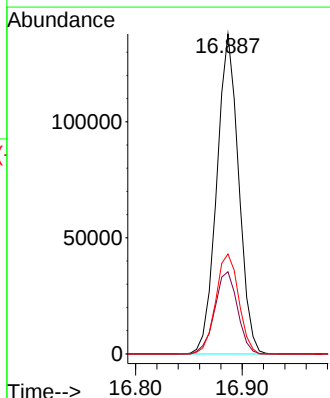
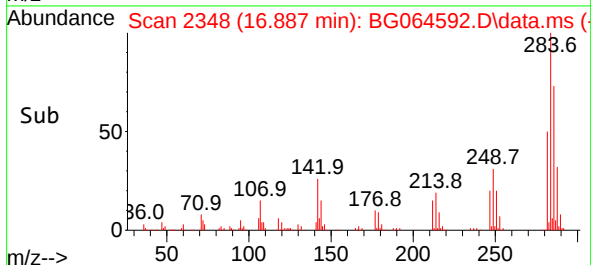
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

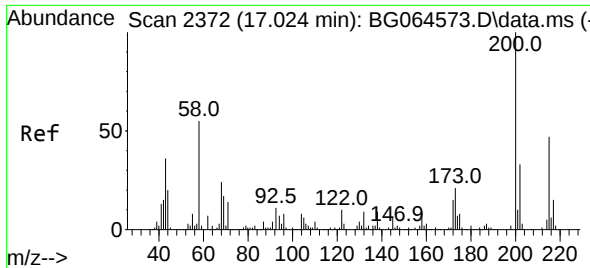


#68
Hexachlorobenzene
Concen: 51.031 ng
RT: 16.887 min Scan# 2348
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06



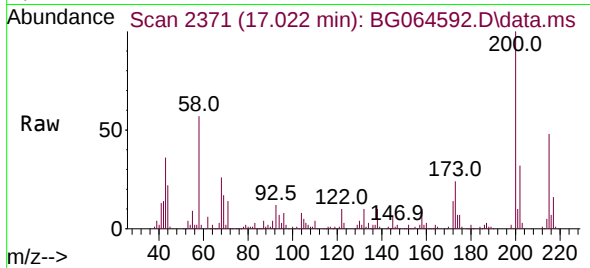
Tgt Ion:284 Resp: 196822
Ion Ratio Lower Upper
284 100
142 25.7 21.0 31.6
249 33.3 24.9 37.3





#69
 Atrazine
 Concen: 52.715 ng
 RT: 17.022 min Scan# 2372
 Delta R.T. -0.003 min
 Lab File: BG064592.D
 Acq: 27 Oct 2025 18:06

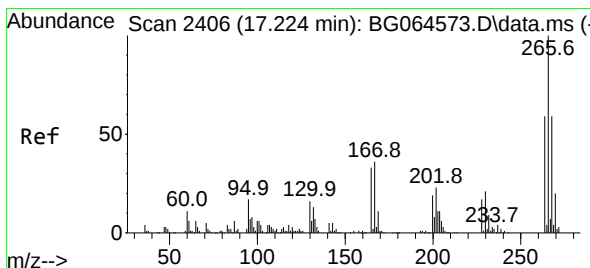
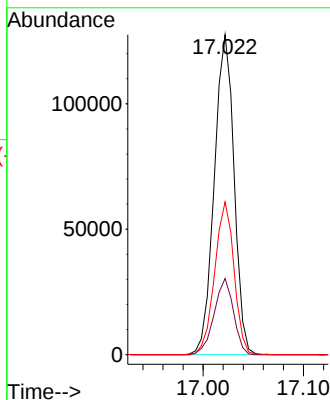
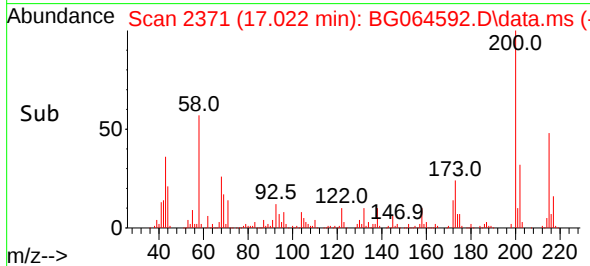
Instrument :
 BNA_G
 ClientSampleId :
 TP-10MSD



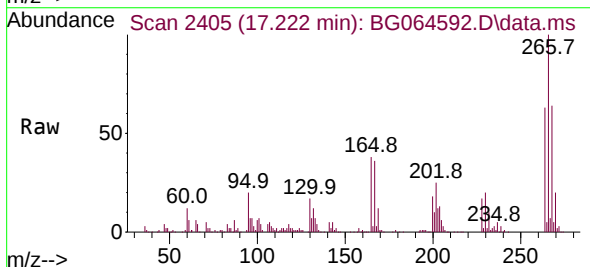
Tgt Ion:200 Resp: 174823
 Ion Ratio Lower Upper
 200 100
 173 23.8 0.9 40.9
 215 47.7 27.0 67.0

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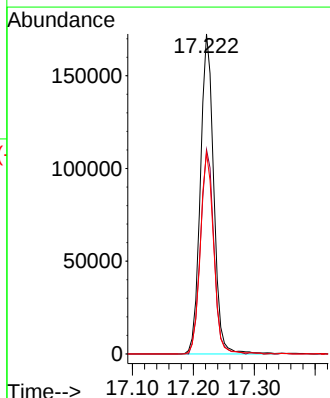
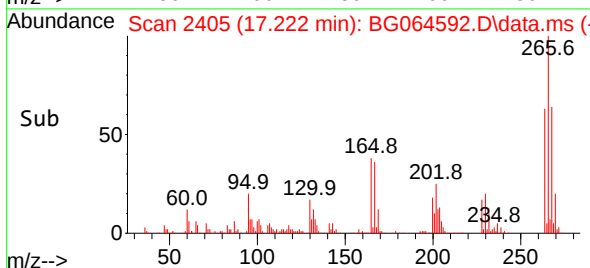
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025

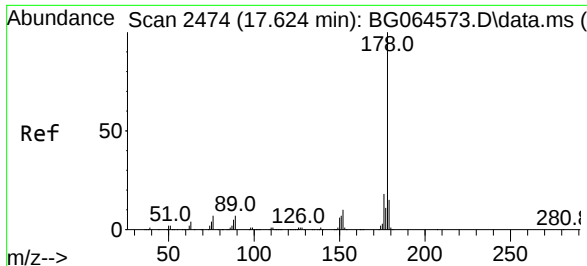


#70
 Pentachlorophenol
 Concen: 108.692 ng
 RT: 17.222 min Scan# 2405
 Delta R.T. -0.002 min
 Lab File: BG064592.D
 Acq: 27 Oct 2025 18:06



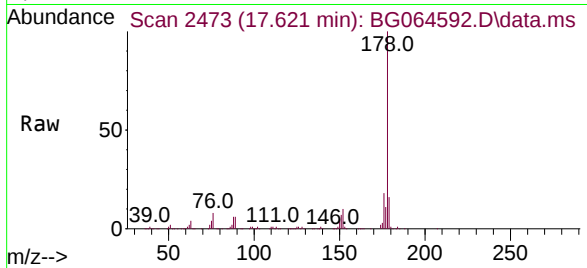
Tgt Ion:266 Resp: 261418
 Ion Ratio Lower Upper
 266 100
 268 68.4 50.3 75.5
 264 62.8 47.3 70.9





#71
Phenanthrene
Concen: 49.309 ng
RT: 17.621 min Scan# 2474
Delta R.T. -0.002 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

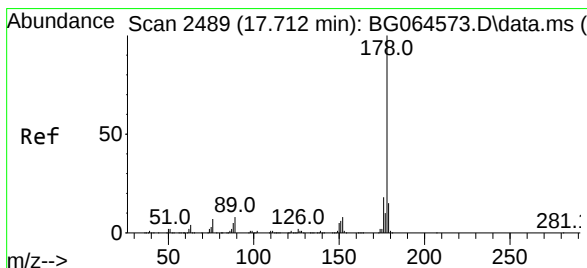
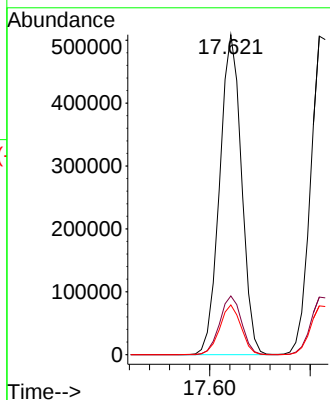
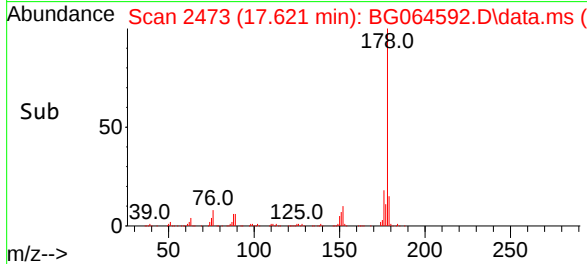
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



Tgt Ion:178 Resp: 769290
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.5 12.2 18.4

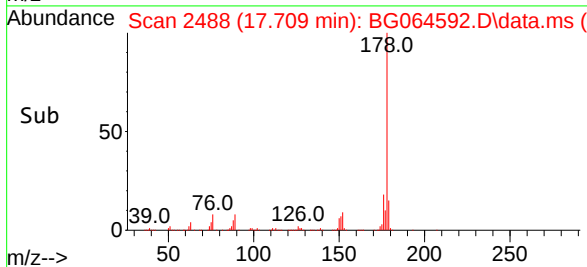
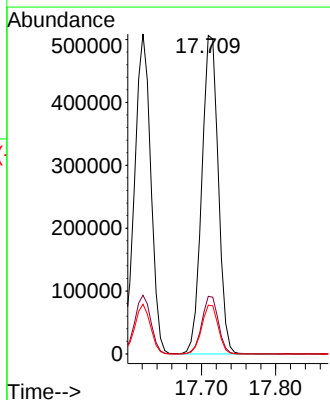
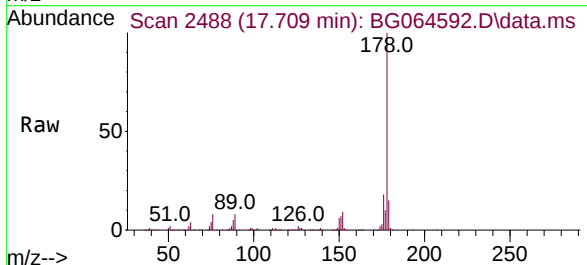
Manual Integrations
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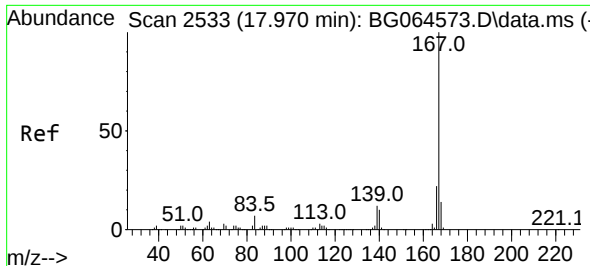
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#72
Anthracene
Concen: 49.122 ng
RT: 17.709 min Scan# 2488
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

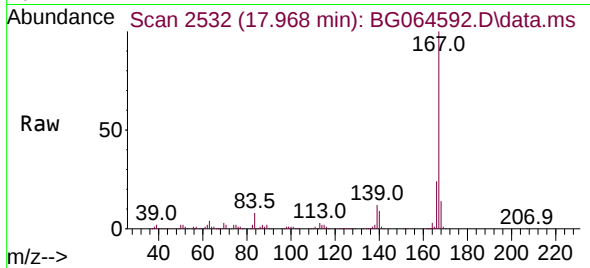
Tgt Ion:178 Resp: 779580
Ion Ratio Lower Upper
178 100
176 18.1 14.4 21.6
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 49.335 ng
 RT: 17.968 min Scan# 2533
 Delta R.T. -0.003 min
 Lab File: BG064592.D
 Acq: 27 Oct 2025 18:06

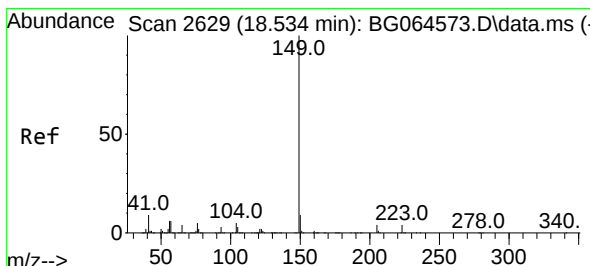
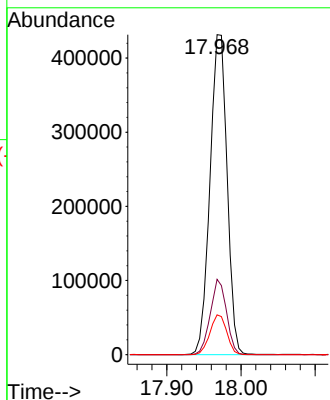
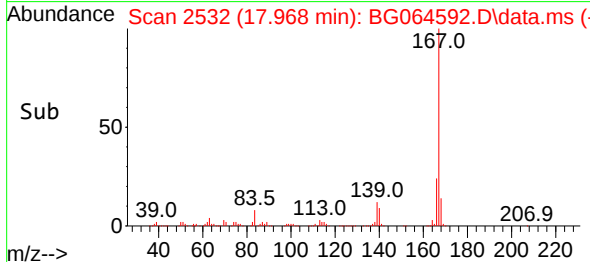
Instrument :
 BNA_G
 ClientSampleId :
 TP-10MSD



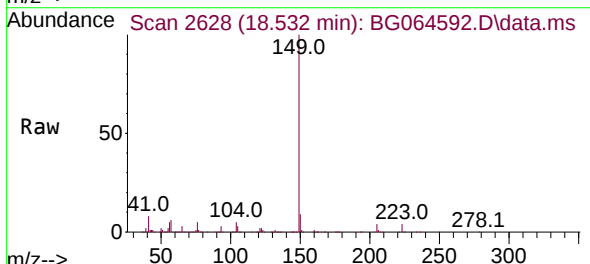
Tgt Ion:167 Resp: 690430
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.9 26.9
 139 12.4 9.7 14.5

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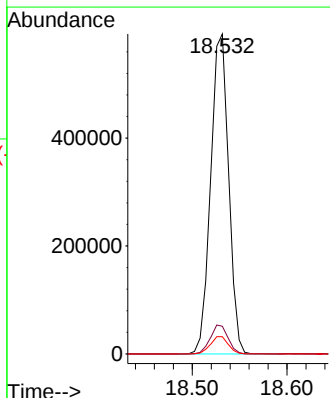
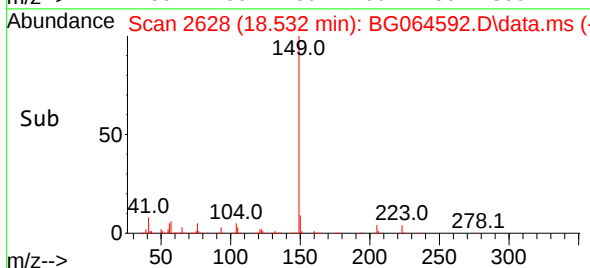
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025

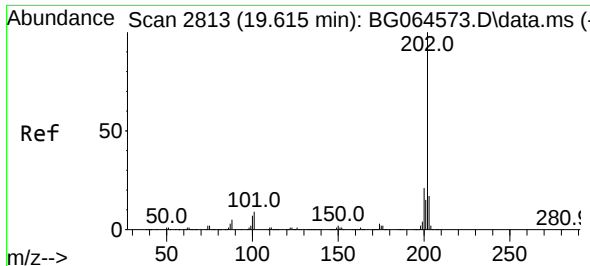


#74
 Di-n-butylphthalate
 Concen: 48.195 ng
 RT: 18.532 min Scan# 2628
 Delta R.T. -0.003 min
 Lab File: BG064592.D
 Acq: 27 Oct 2025 18:06



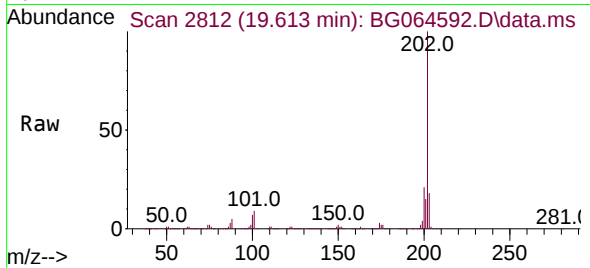
Tgt Ion:149 Resp: 779939
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.0 10.6
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 47.869 ng
RT: 19.613 min Scan# 2813
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

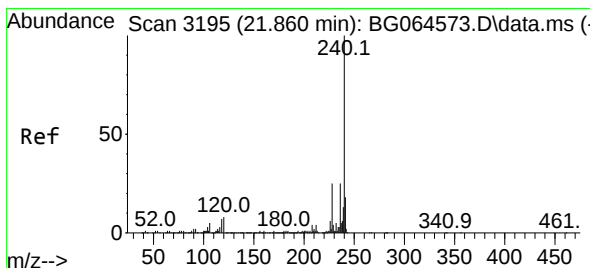
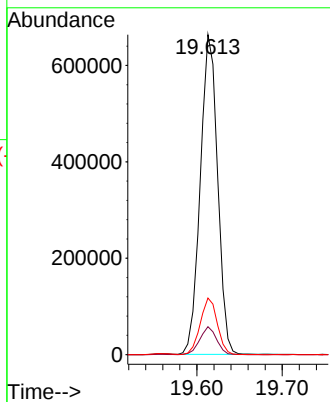
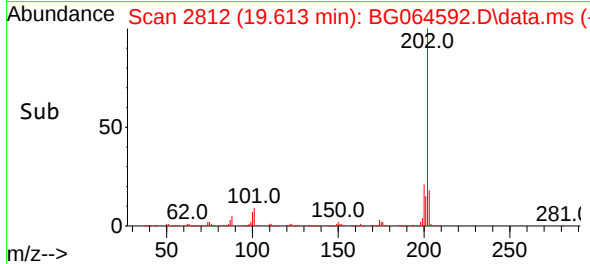
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



Tgt Ion:202 Resp: 935586
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.7
203 17.7 0.0 37.0

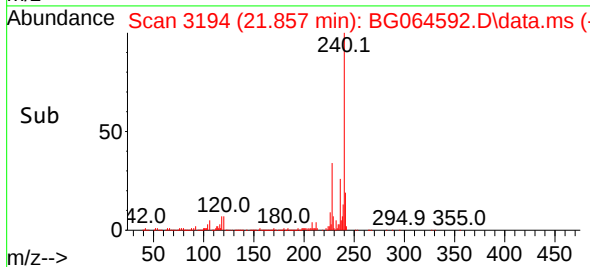
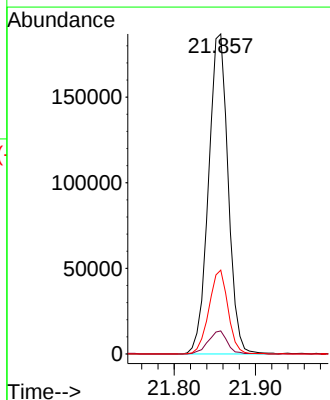
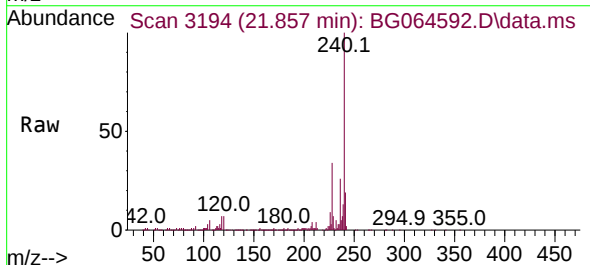
Manual Integrations
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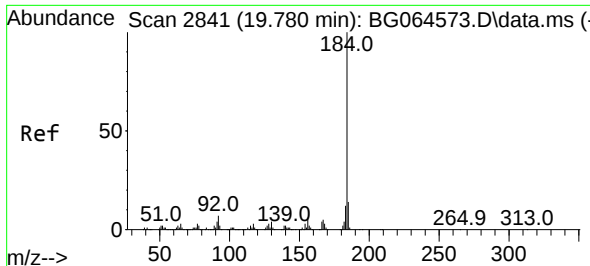
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.857 min Scan# 3194
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

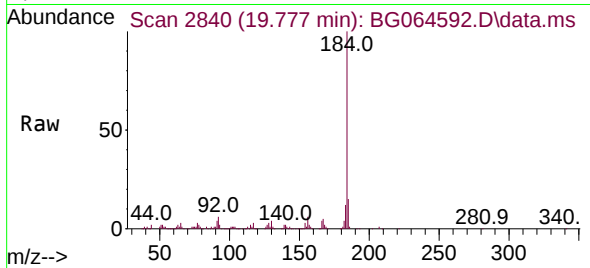
Tgt Ion:240 Resp: 313384
Ion Ratio Lower Upper
240 100
120 7.2 6.5 9.7
236 26.2 20.2 30.2





#77
Benzidine
Concen: 28.809 ng
RT: 19.777 min Scan# 2841
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

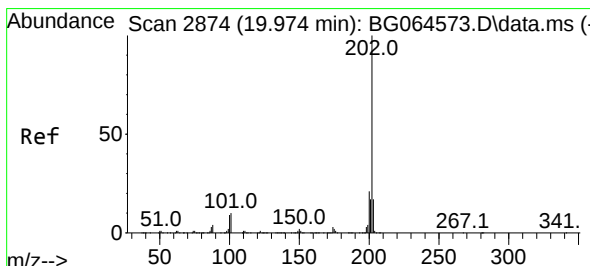
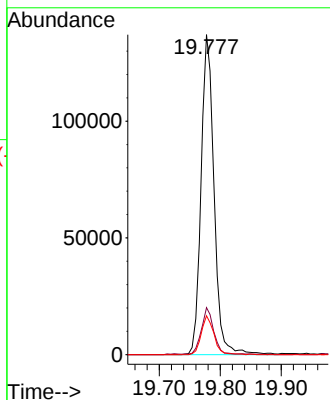
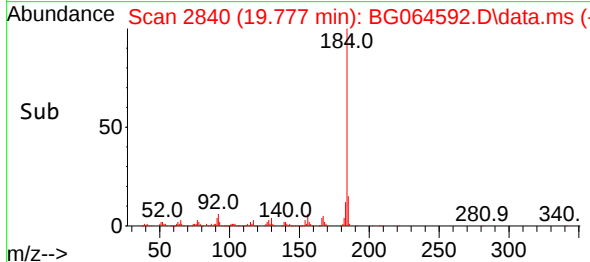
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



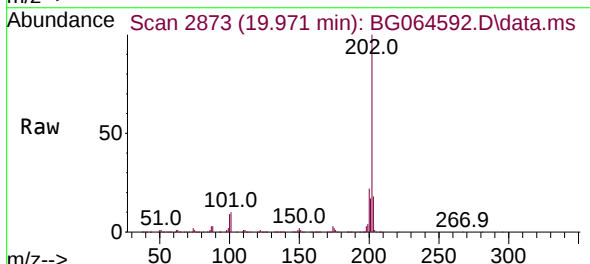
Tgt Ion:184 Resp: 202272
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.2
183 12.1 9.4 14.2

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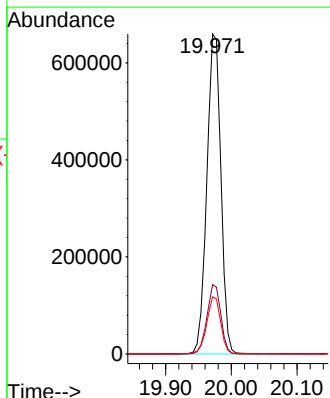
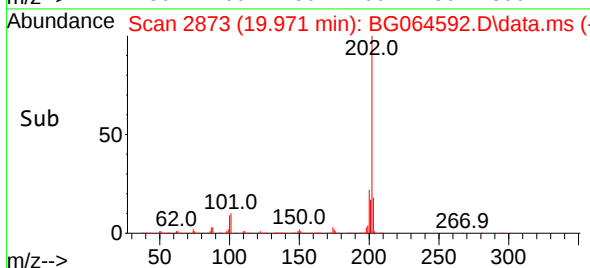
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

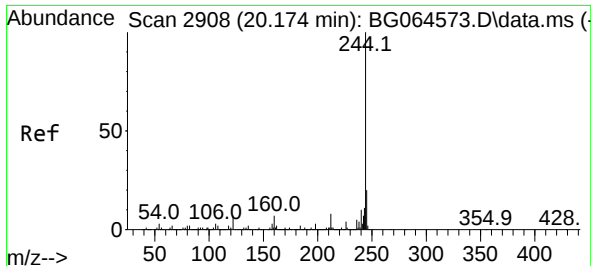


#78
Pyrene
Concen: 47.782 ng
RT: 19.971 min Scan# 2873
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06



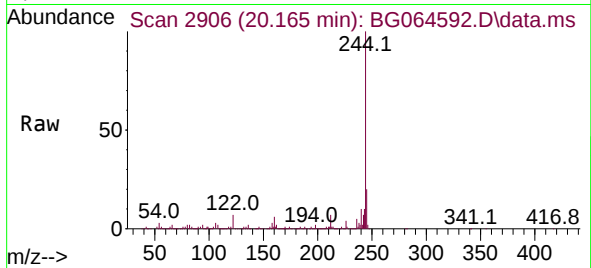
Tgt Ion:202 Resp: 978323
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 17.8 13.8 20.6





#79
 Terphenyl-d14
 Concen: 60.807 ng
 RT: 20.165 min Scan# 2908
 Delta R.T. -0.008 min
 Lab File: BG064592.D
 Acq: 27 Oct 2025 18:06

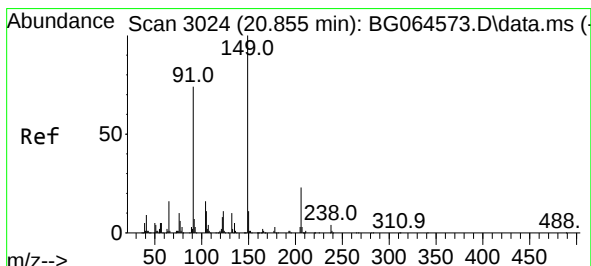
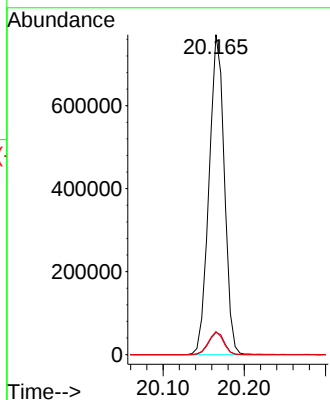
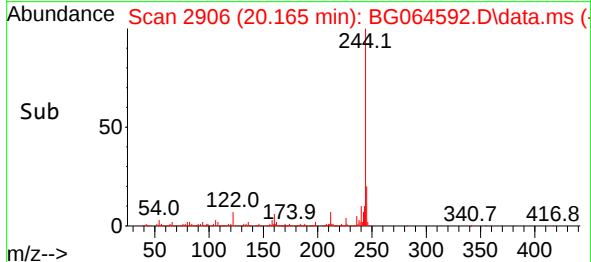
Instrument :
 BNA_G
 ClientSampleId :
 TP-10MSD



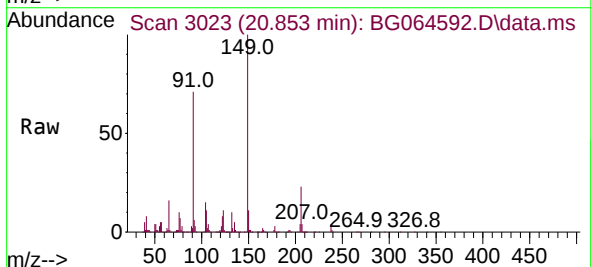
Tgt Ion:244 Resp: 1009766
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 7.2 5.6 8.4

Manual Integrations
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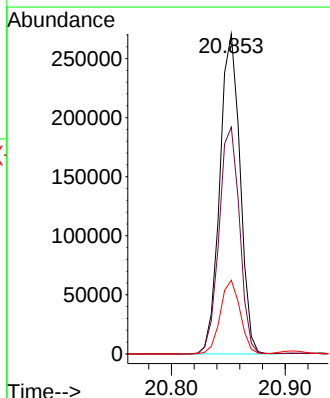
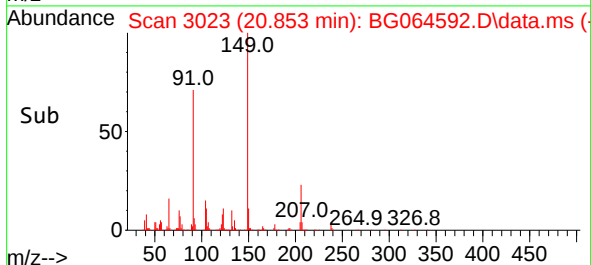
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025

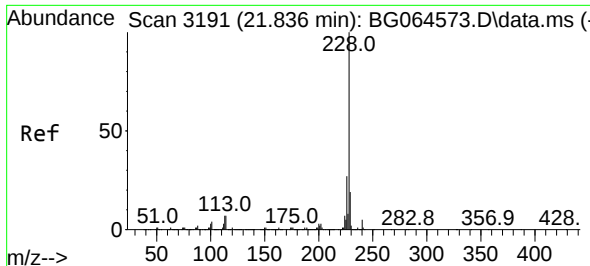


#80
 Butylbenzylphthalate
 Concen: 54.045 ng
 RT: 20.853 min Scan# 3023
 Delta R.T. -0.003 min
 Lab File: BG064592.D
 Acq: 27 Oct 2025 18:06



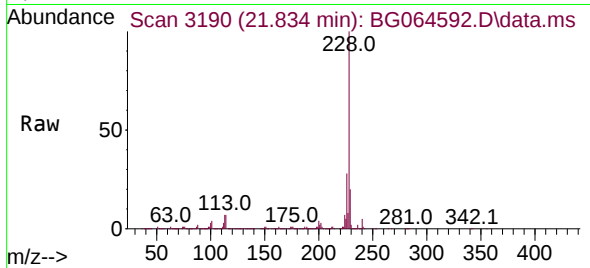
Tgt Ion:149 Resp: 334443
 Ion Ratio Lower Upper
 149 100
 91 70.9 59.2 88.8
 206 23.0 18.1 27.1





#81
Benzo(a)anthracene
Concen: 49.406 ng
RT: 21.834 min Scan# 3191
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

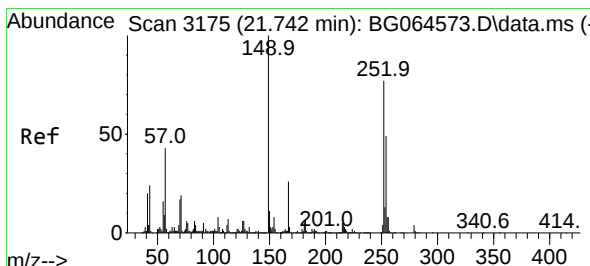
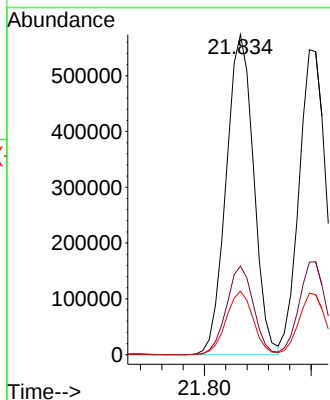
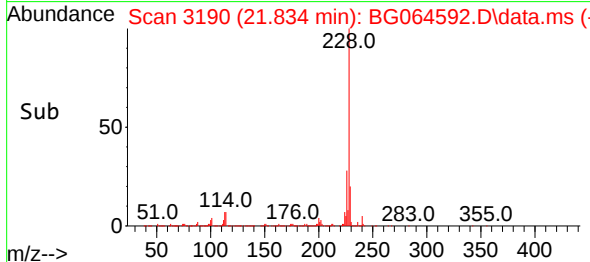
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



Tgt Ion:228 Resp: 1026609
Ion Ratio Lower Upper
228 100
226 27.7 21.9 32.9
229 19.8 15.6 23.4

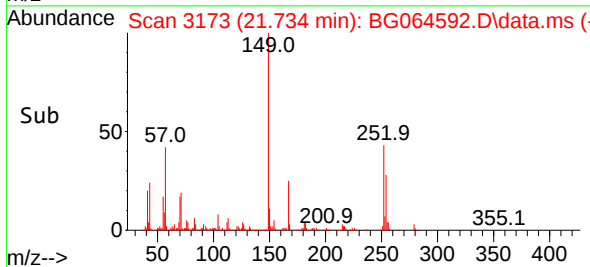
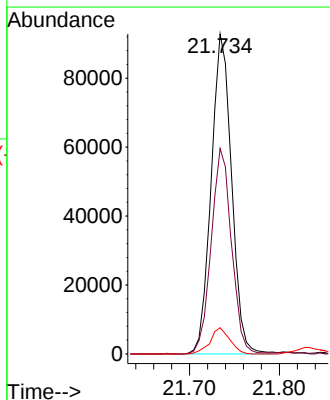
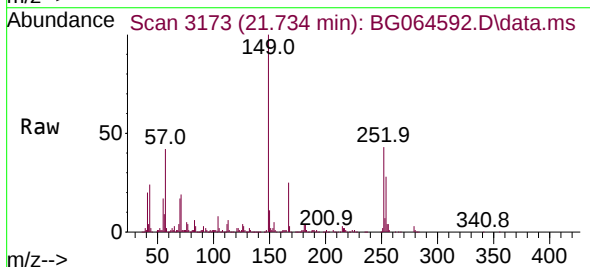
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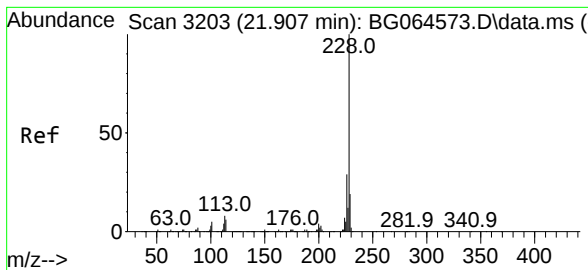
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 21.161 ng
RT: 21.734 min Scan# 3173
Delta R.T. -0.008 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

Tgt Ion:252 Resp: 146831
Ion Ratio Lower Upper
252 100
254 64.2 50.8 76.2
126 8.2 5.8 8.6





#83

Chrysene

Concen: 48.313 ng

RT: 21.898 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG064592.D

Acq: 27 Oct 2025 18:06

Instrument :

BNA_G

ClientSampleId :

TP-10MSD

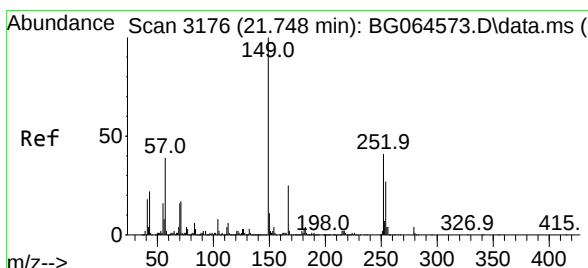
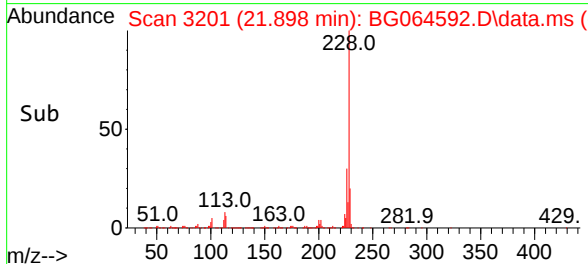
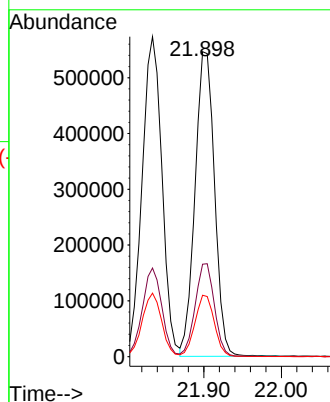
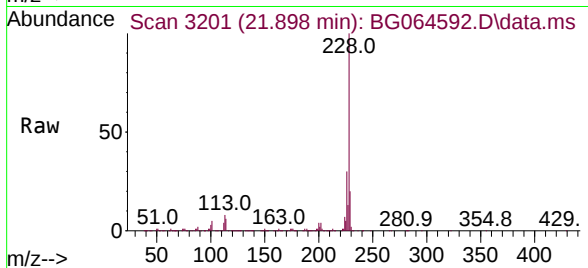
Tgt Ion:228 Resp: 955220
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.3 34.9
 229 20.1 15.2 22.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 11/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.632 ng

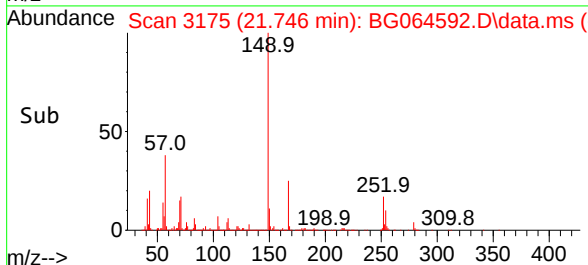
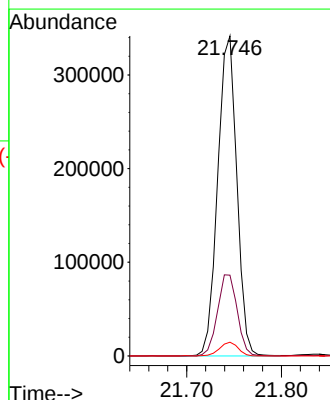
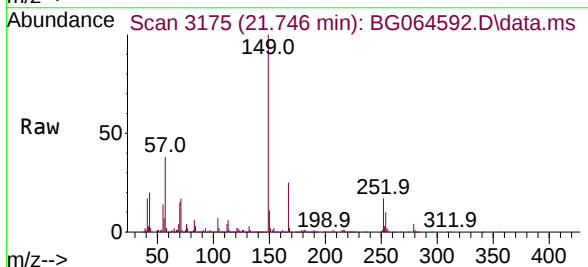
RT: 21.746 min Scan# 3175

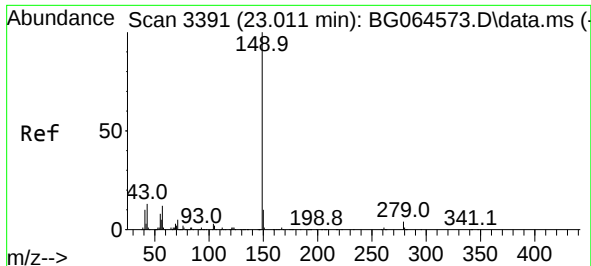
Delta R.T. -0.003 min

Lab File: BG064592.D

Acq: 27 Oct 2025 18:06

Tgt Ion:149 Resp: 477424
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.0 30.0
 279 4.3 3.1 4.7





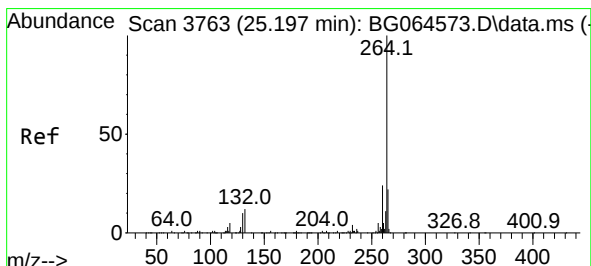
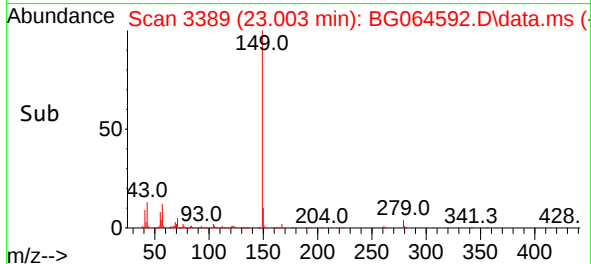
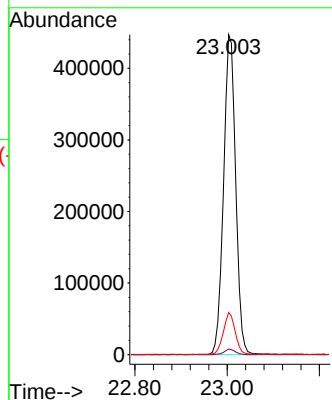
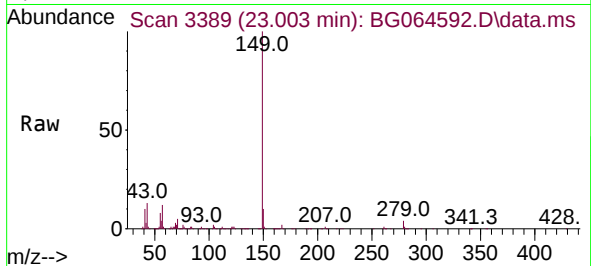
#85
Di-n-octyl phthalate
Concen: 52.528 ng
RT: 23.003 min Scan# 3391
Delta R.T. -0.008 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

Tgt Ion:149 Resp: 818900
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.8 10.8 16.2

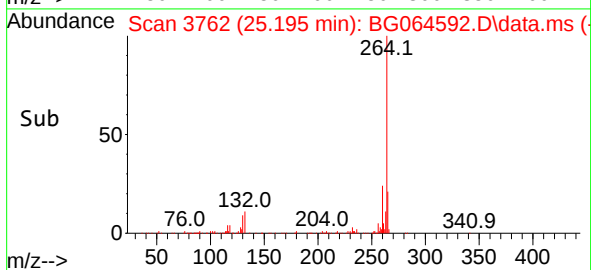
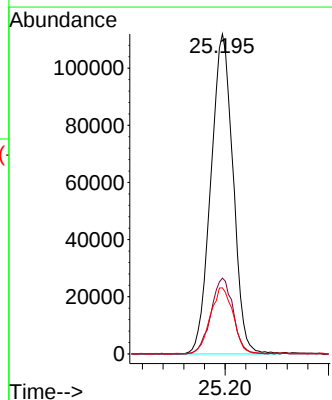
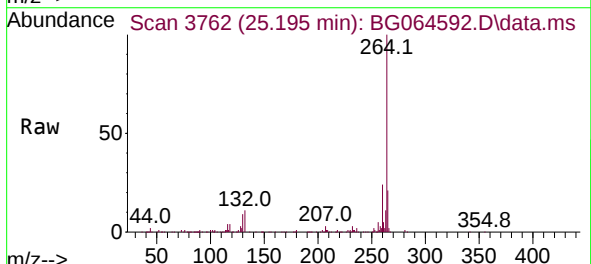
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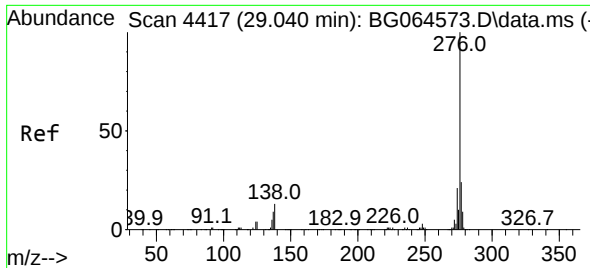
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.195 min Scan# 3762
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

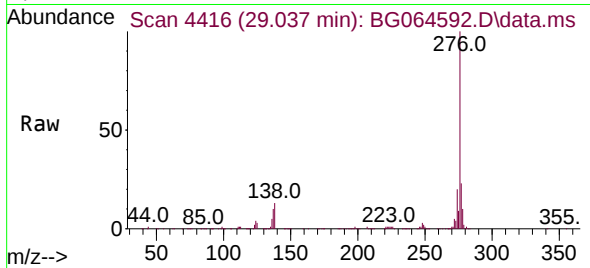
Tgt Ion:264 Resp: 333950
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 20.6 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.740 ng
RT: 29.037 min Scan# 4417
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

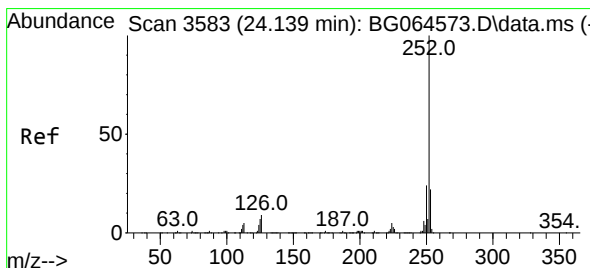
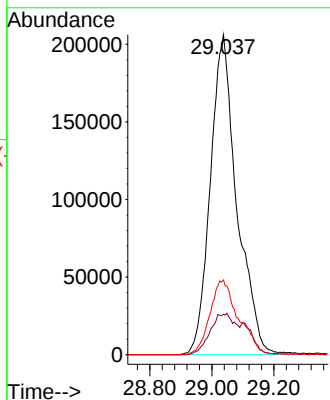
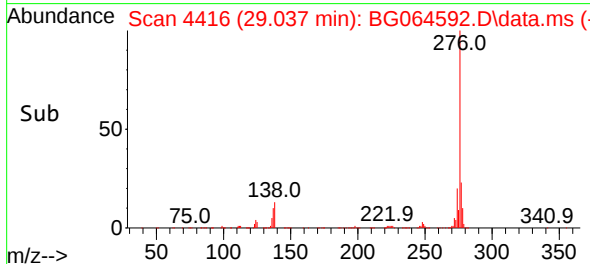
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



Tgt Ion:276 Resp: 1221937
Ion Ratio Lower Upper
276 100
138 6.0 10.8 16.2
277 25.2 20.1 30.1

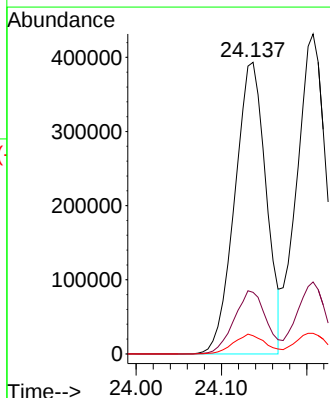
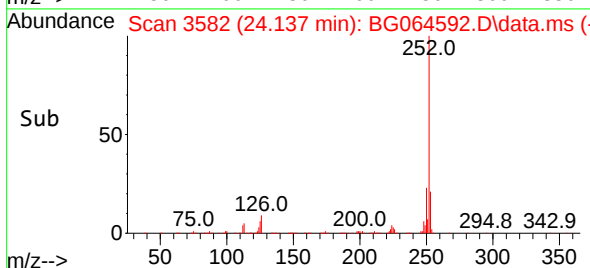
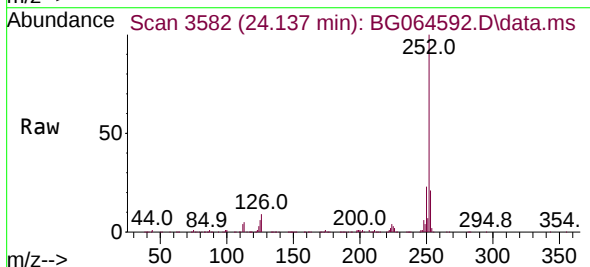
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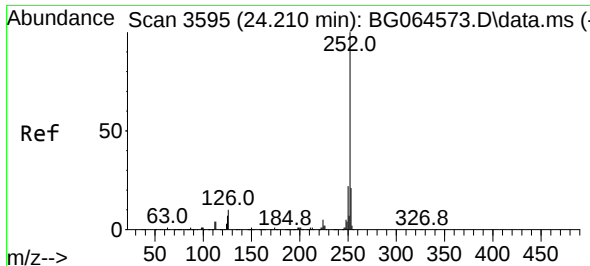
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#88
Benzo(b)fluoranthene
Concen: 49.025 ng
RT: 24.137 min Scan# 3582
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

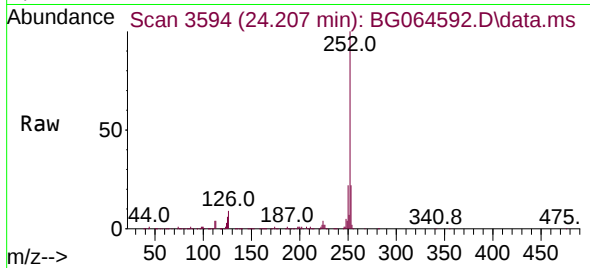
Tgt Ion:252 Resp: 1003921
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.8
125 6.2 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 51.159 ng
RT: 24.207 min Scan# 3595
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

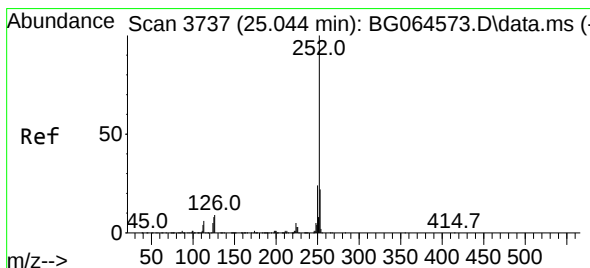
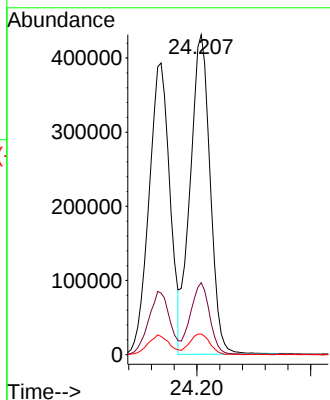
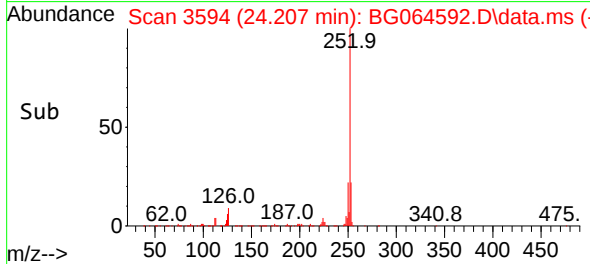
Instrument :
BNA_G
ClientSampleId :
TP-10MSD



Tgt Ion:252 Resp: 1048336
Ion Ratio Lower Upper
252 100
253 22.5 16.8 25.2
125 6.4 5.4 8.0

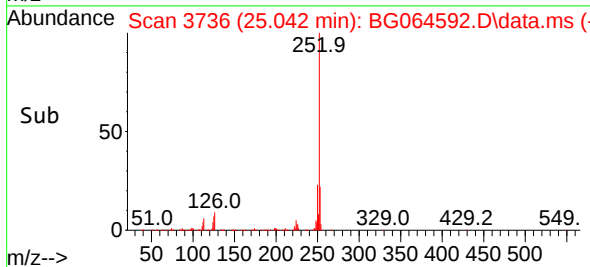
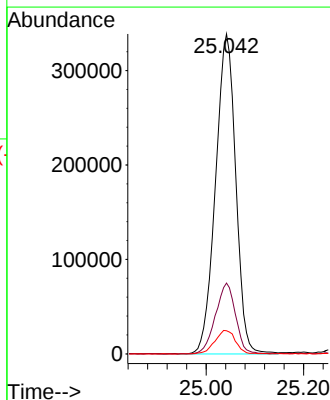
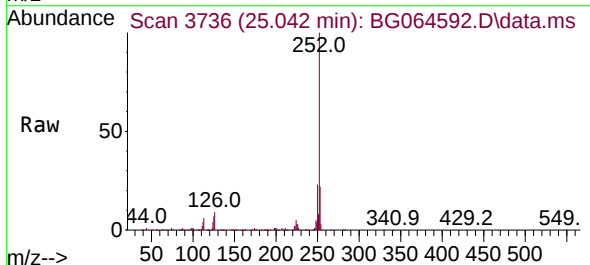
Manual Integrations
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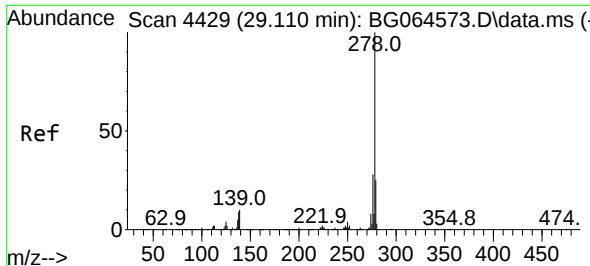
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#90
Benzo(a)pyrene
Concen: 51.699 ng
RT: 25.042 min Scan# 3736
Delta R.T. -0.003 min
Lab File: BG064592.D
Acq: 27 Oct 2025 18:06

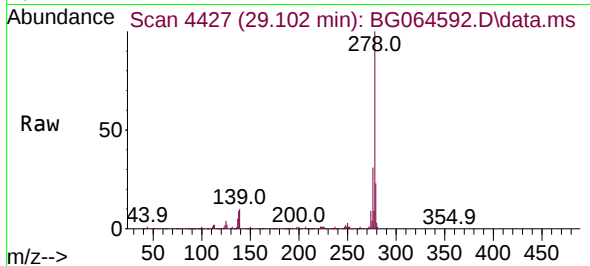
Tgt Ion:252 Resp: 973157
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 7.2 6.1 9.1





#91
 Dibenzo(a,h)anthracene
 Concen: 50.482 ng
 RT: 29.102 min Scan# 4429
 Delta R.T. -0.008 min
 Lab File: BG064592.D
 Acq: 27 Oct 2025 18:06

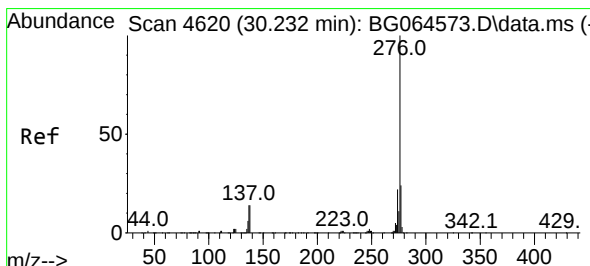
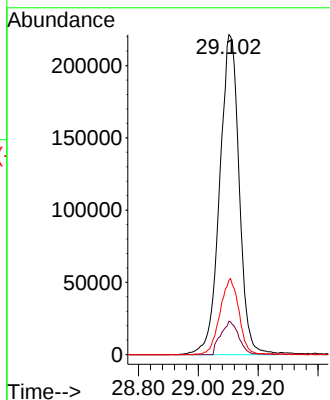
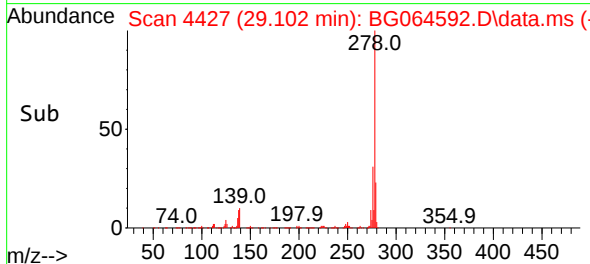
Instrument :
 BNA_G
 ClientSampleId :
 TP-10MSD



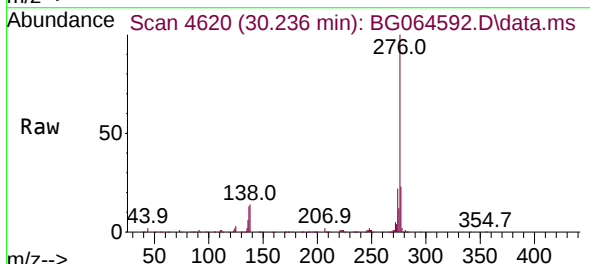
Tgt Ion:278 Resp: 1007535
 Ion Ratio Lower Upper
 278 100
 139 10.4 8.0 12.0
 279 23.2 19.8 29.6

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Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025



#92
 Benzo(g,h,i)perylene
 Concen: 51.308 ng
 RT: 30.236 min Scan# 4620
 Delta R.T. 0.003 min
 Lab File: BG064592.D
 Acq: 27 Oct 2025 18:06



Tgt Ion:276 Resp: 978222
 Ion Ratio Lower Upper
 276 100
 277 22.8 19.1 28.7
 138 14.2 11.3 16.9

