

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
 Data File : BG064523.D
 Acq On : 16 Oct 2025 19:42
 Operator : RC/JU
 Sample : Q3352-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/17/2025
 Supervised By :Jagrut Upadhyay 10/17/2025

Quant Time: Oct 16 21:59:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	30537	20.000	ng	0.00
21) Naphthalene-d8	10.602	136	121546	20.000	ng	0.00
39) Acenaphthene-d10	14.444	164	93035	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	229486	20.000	ng	0.00
76) Chrysene-d12	21.418	240	263808	20.000	ng	0.00
86) Perylene-d12	24.403	264	299800	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	84790	51.387	ng	0.00
7) Phenol-d6	7.000	99	114471	51.624	ng	0.01
23) Nitrobenzene-d5	8.974	82	75894	33.574	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	95206	56.455	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	203016	32.165	ng	0.00
79) Terphenyl-d14	19.808	244	446599	32.038	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	11166	17.108	ng	98
3) Pyridine	3.704	79	30410	17.337	ng	95
4) n-Nitrosodimethylamine	3.622	42	28908	22.734	ng	92
6) Aniline	7.147	93	32801	11.727	ng	# 96
8) 2-Chlorophenol	7.388	128	48160	23.769	ng	92
9) Benzaldehyde	6.959	77	18997	9.651	ng	93
10) Phenol	7.023	94	55067	23.541	ng	98
11) bis(2-Chloroethyl)ether	7.241	93	34548	21.809	ng	93
12) 1,3-Dichlorobenzene	7.705	146	51433	23.205	ng	96
13) 1,4-Dichlorobenzene	7.852	146	52622	23.656	ng	94
14) 1,2-Dichlorobenzene	8.169	146	49683	22.661	ng	98
15) Benzyl Alcohol	8.057	79	47052	23.042	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.345	45	52131	20.416	ng	95
17) 2-Methylphenol	8.263	107	38824	22.921	ng	93
18) Hexachloroethane	8.892	117	19908	22.673	ng	94
19) n-Nitroso-di-n-propyla...	8.622	70	32803	22.120	ng	# 98
20) 3+4-Methylphenols	8.592	107	53311	22.554	ng	98
22) Acetophenone	8.633	105	79508	27.016	ng	94
24) Nitrobenzene	9.009	77	52477	23.280	ng	95
25) Isophorone	9.538	82	92784	22.658	ng	97
26) 2-Nitrophenol	9.720	139	26244	23.392	ng	96
27) 2,4-Dimethylphenol	9.785	122	46442	27.103	ng	93
28) bis(2-Chloroethoxy)met...	10.020	93	49620	23.771	ng	98
29) 2,4-Dichlorophenol	10.261	162	50088	25.277	ng	99
30) 1,2,4-Trichlorobenzene	10.466	180	54981	25.447	ng	93
31) Naphthalene	10.654	128	150179	23.994	ng	98
32) Benzoic acid	9.955	122	40427	30.729	ng	91
33) 4-Chloroaniline	10.766	127	17319	7.211	ng	# 88
34) Hexachlorobutadiene	10.942	225	43526	23.523	ng	93
35) Caprolactam	11.536	113	15653m	23.075	ng	
36) 4-Chloro-3-methylphenol	11.900	107	60512	25.112	ng	95
37) 2-Methylnaphthalene	12.264	142	105976	22.058	ng	92
38) 1-Methylnaphthalene	12.488	142	110263	23.016	ng	96
40) 1,2,4,5-Tetrachloroben...	12.634	216	79898	26.598	ng	97
41) Hexachlorocyclopentadiene	12.617	237	101425	64.547	ng	93
43) 2,4,6-Trichlorophenol	12.881	196	47982	24.987	ng	92

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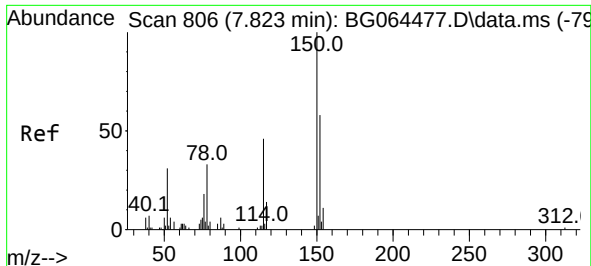
Quant Time: Oct 16 21:59:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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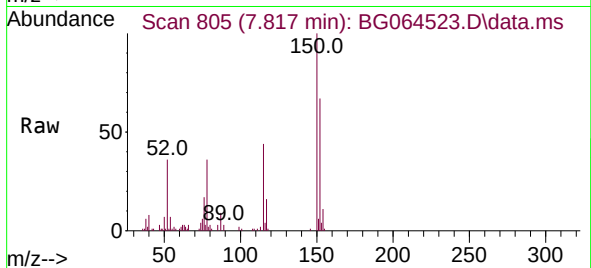
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.958	196	53825	25.107	ng	96
46) 1,1'-Biphenyl	13.281	154	173558	25.937	ng	98
47) 2-Chloronaphthalene	13.322	162	116105	23.240	ng	98
48) 2-Nitroaniline	13.528	65	41184	24.153	ng	93
49) Acenaphthylene	14.168	152	201730	27.201	ng	99
50) Dimethylphthalate	13.909	163	165052	22.652	ng	98
51) 2,6-Dinitrotoluene	14.021	165	37045	24.406	ng	90
52) Acenaphthene	14.509	154	119445	23.182	ng	98
53) 3-Nitroaniline	14.350	138	18449	13.179	ng	95
54) 2,4-Dinitrophenol	14.562	184	50427	45.816	ng	87
55) Dibenzofuran	14.844	168	202473	23.800	ng	97
56) 4-Nitrophenol	14.679	139	57023	51.739	ng	93
57) 2,4-Dinitrotoluene	14.814	165	55970	24.121	ng	90
58) Fluorene	15.496	166	169371	23.947	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.079	232	55912	25.555	ng	99
60) Diethylphthalate	15.273	149	180920	23.145	ng	98
61) 4-Chlorophenyl-phenyle...	15.490	204	88520	22.925	ng	99
62) 4-Nitroaniline	15.519	138	37757	25.878	ng	91
63) Azobenzene	15.784	77	159801	26.397	ng	97
65) 4,6-Dinitro-2-methylph...	15.578	198	39867	24.951	ng	96
66) n-Nitrosodiphenylamine	15.707	169	148978	24.310	ng	97
67) 4-Bromophenyl-phenylether	16.383	248	65250	24.162	ng	86
68) Hexachlorobenzene	16.501	284	75527	24.441	ng	96
69) Atrazine	16.659	200	72741	26.680	ng	99
70) Pentachlorophenol	16.847	266	100022	55.359	ng	96
71) Phenanthrene	17.229	178	309513	25.790	ng	99
72) Anthracene	17.323	178	297005	24.669	ng	98
73) Carbazole	17.593	167	269510	25.898	ng	98
74) Di-n-butylphthalate	18.157	149	312628	24.609	ng	99
75) Fluoranthene	19.244	202	431708	30.111	ng	98
77) Benzidine	19.427	184	111294	16.954	ng	96
78) Pyrene	19.603	202	438717	25.626	ng	99
80) Butylbenzylphthalate	20.496	149	145768	24.018	ng	99
81) Benzo(a)anthracene	21.395	228	447886	26.590	ng	97
82) 3,3'-Dichlorobenzidine	21.318	252	61905	10.858	ng	96
83) Chrysene	21.459	228	411641	25.769	ng	98
84) Bis(2-ethylhexyl)phtha...	21.318	149	208827	24.387	ng	97
85) Di-n-octyl phthalate	22.447	149	360390	25.042	ng	100
87) Indeno(1,2,3-cd)pyrene	27.764	276	537203	25.743	ng	# 86
88) Benzo(b)fluoranthene	23.463	252	469718	27.540	ng	98
89) Benzo(k)fluoranthene	23.522	252	431870	25.141	ng	97
90) Benzo(a)pyrene	24.262	252	429659	27.334	ng	98
91) Dibenzo(a,h)anthracene	27.817	278	422199	25.299	ng	99
92) Benzo(g,h,i)perylene	28.810	276	433360	26.722	ng	95

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.817 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: BG064523.D
 Acq: 16 Oct 2025 19:42

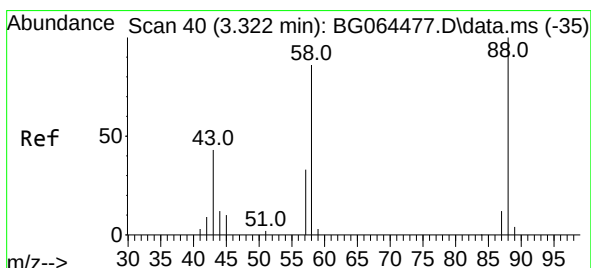
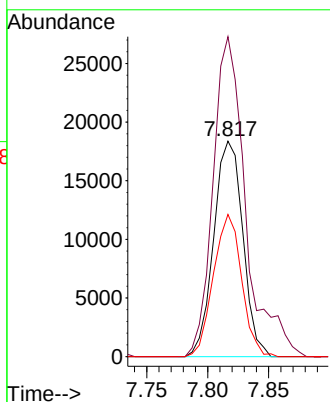
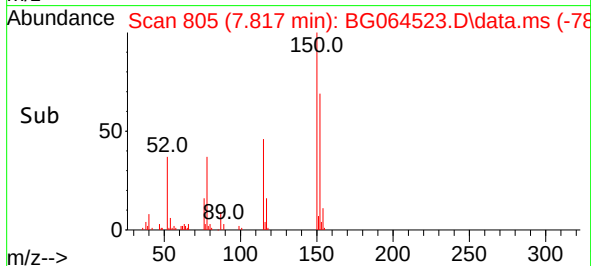
Instrument :
 BNA_G
 ClientSampleId :
 TP-3MS



Tgt Ion:152 Resp: 3053
 Ion Ratio Lower Upper
 152 100
 150 148.5 138.6 207.8
 115 65.9 63.4 95.2

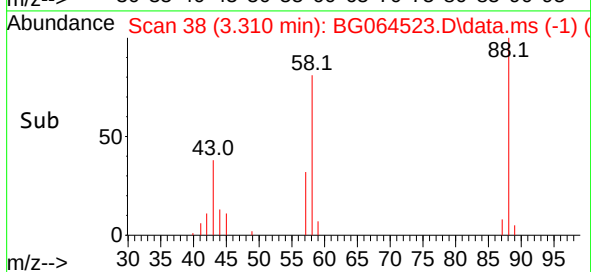
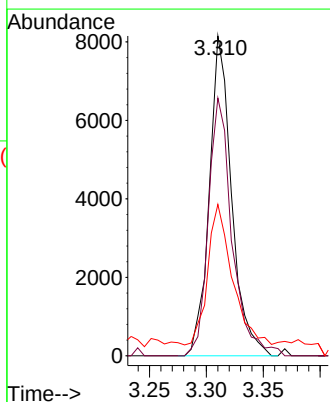
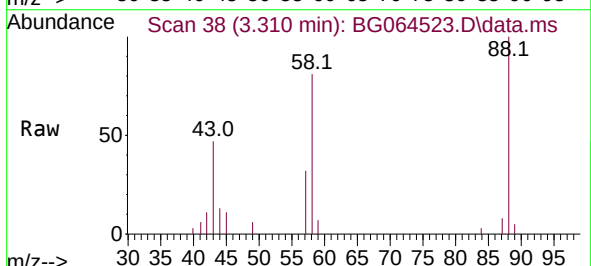
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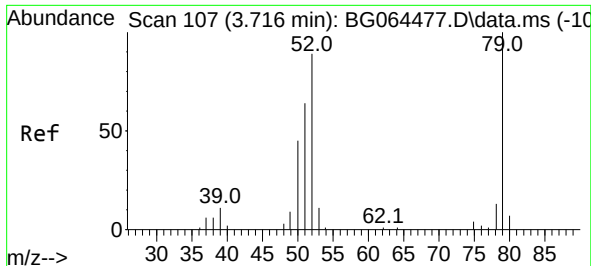
Reviewed By :Rahul Chavli 10/17/2025
 Supervised By :Jagrut Upadhyay 10/17/2025



#2
 1,4-Dioxane
 Concen: 17.108 ng
 RT: 3.310 min Scan# 38
 Delta R.T. -0.010 min
 Lab File: BG064523.D
 Acq: 16 Oct 2025 19:42

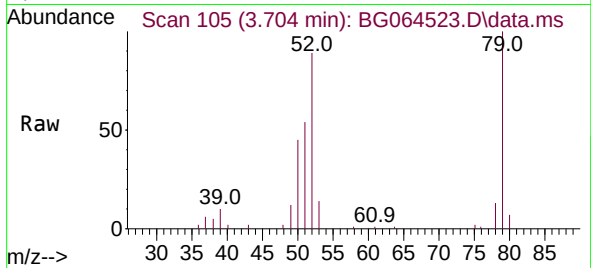
Tgt Ion: 88 Resp: 11166
 Ion Ratio Lower Upper
 88 100
 58 85.5 69.8 104.6
 43 48.3 37.4 56.0





#3
Pyridine
Concen: 17.337 ng
RT: 3.704 min Scan# 107
Delta R.T. -0.010 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

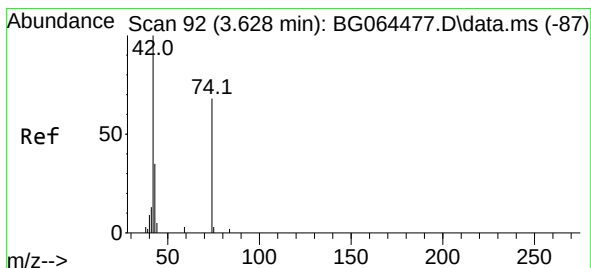
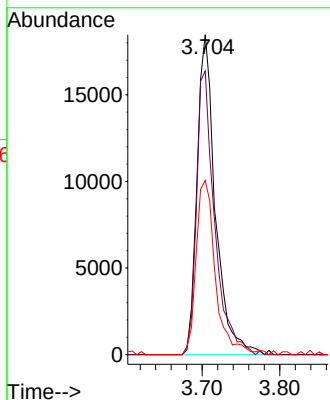
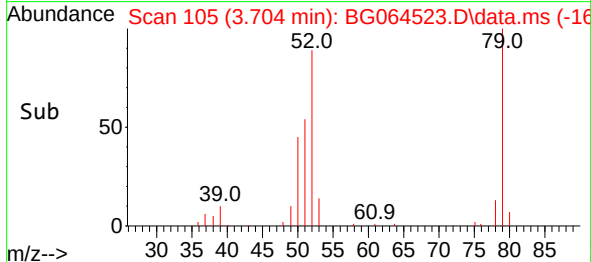
Instrument :
BNA_G
ClientSampleId :
TP-3MS



Tgt Ion: 79 Resp: 30410
Ion Ratio Lower Upper
79 100
52 88.6 71.0 106.4
51 54.4 51.0 76.6

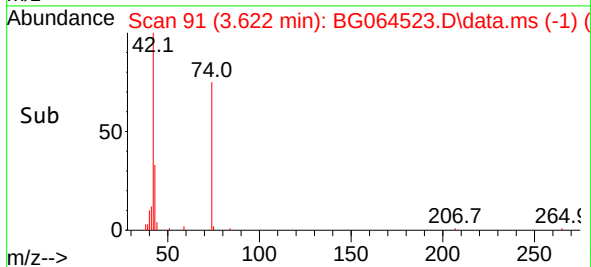
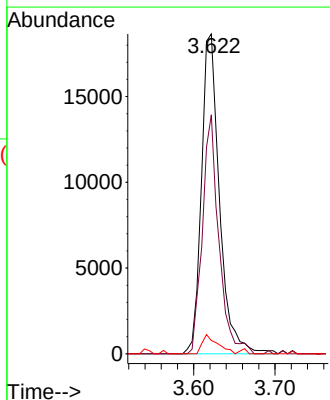
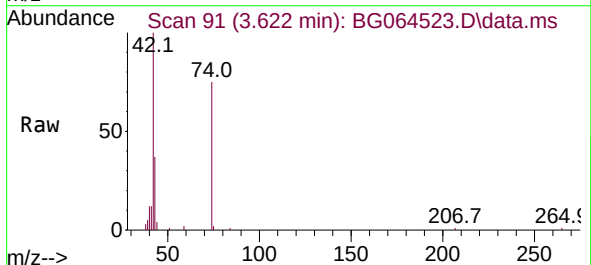
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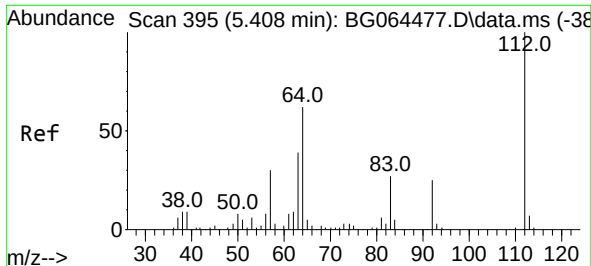
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#4
n-Nitrosodimethylamine
Concen: 22.734 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

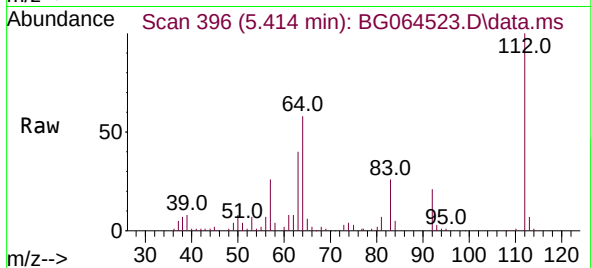
Tgt Ion: 42 Resp: 28908
Ion Ratio Lower Upper
42 100
74 74.7 54.2 81.4
44 4.2 4.2 6.2





#5
2-Fluorophenol
Concen: 51.387 ng
RT: 5.414 min Scan# 395
Delta R.T. 0.008 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

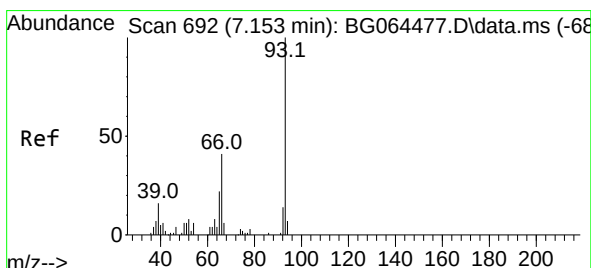
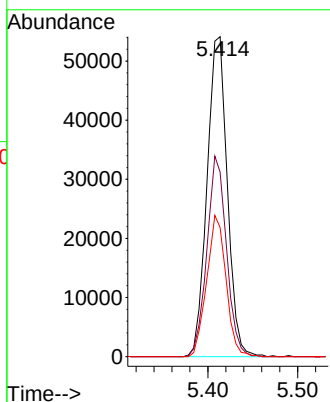
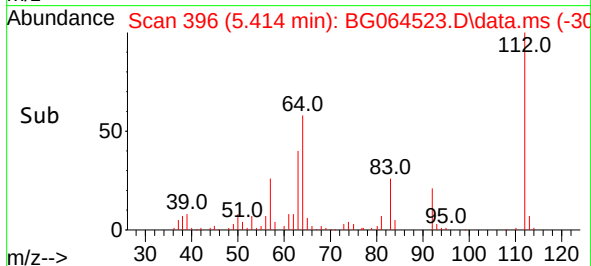
Instrument :
BNA_G
ClientSampleId :
TP-3MS



Tgt Ion:112 Resp: 84790
Ion Ratio Lower Upper
112 100
64 57.6 49.8 74.8
63 40.3 31.3 46.9

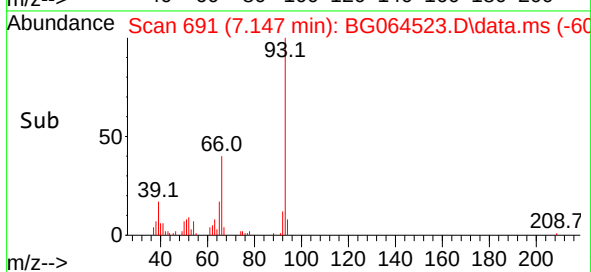
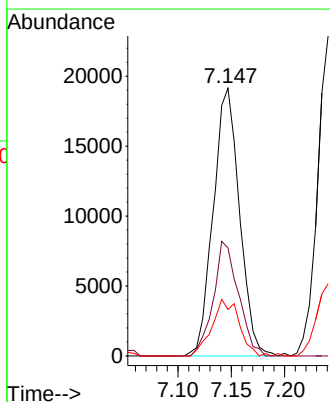
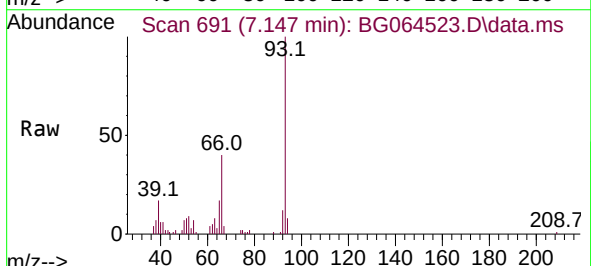
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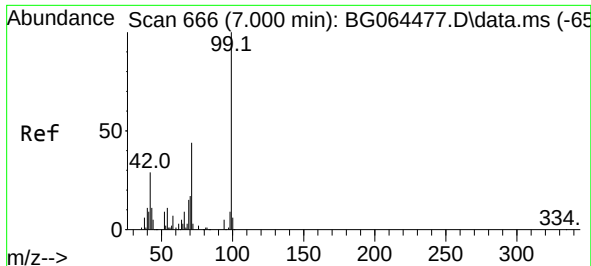
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#6
Aniline
Concen: 11.727 ng
RT: 7.147 min Scan# 691
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Tgt Ion: 93 Resp: 32801
Ion Ratio Lower Upper
93 100
66 40.4 33.0 49.4
65 17.4 17.5 26.3





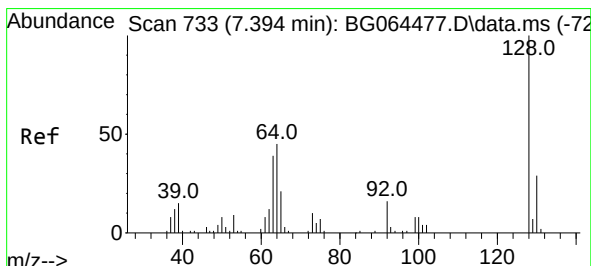
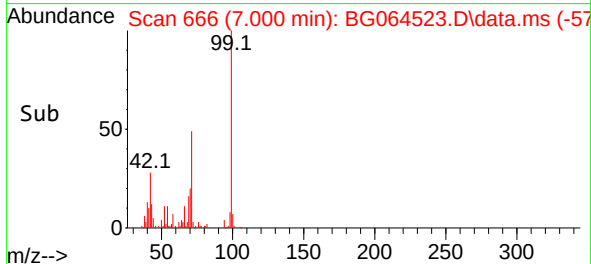
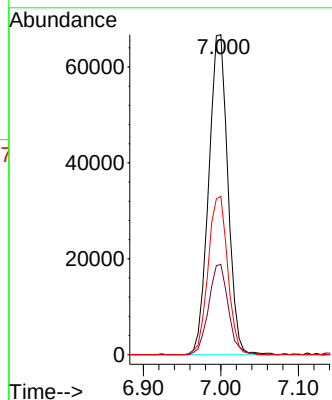
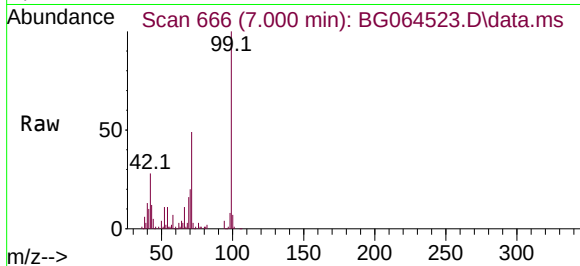
#7
Phenol-d6
Concen: 51.624 ng
RT: 7.000 min Scan# 60
Delta R.T. 0.014 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Instrument :
BNA_G
ClientSampleId :
TP-3MS

Tgt Ion: 99 Resp: 11447
Ion Ratio Lower Upper
99 100
42 28.2 22.9 34.3
71 49.4 35.4 53.2

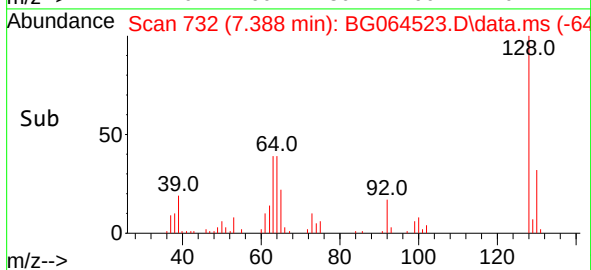
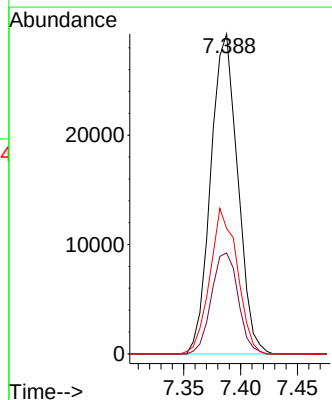
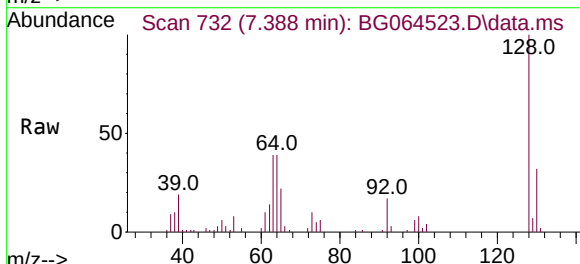
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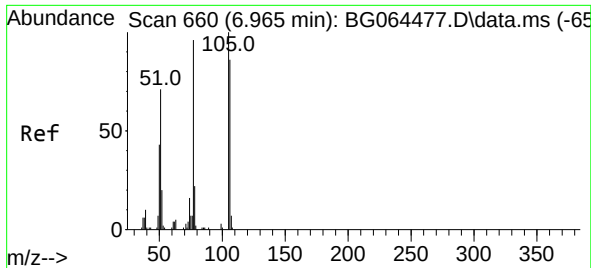
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#8
2-Chlorophenol
Concen: 23.769 ng
RT: 7.388 min Scan# 732
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

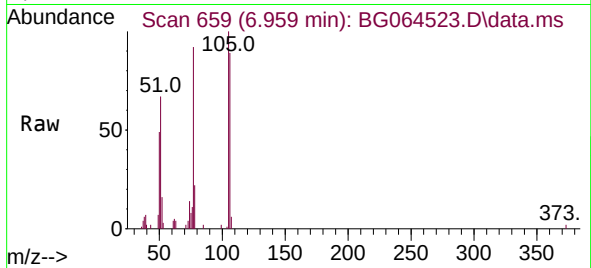
Tgt Ion:128 Resp: 48160
Ion Ratio Lower Upper
128 100
130 31.5 9.2 49.2
64 39.2 25.5 65.5





#9
Benzaldehyde
Concen: 9.651 ng
RT: 6.959 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

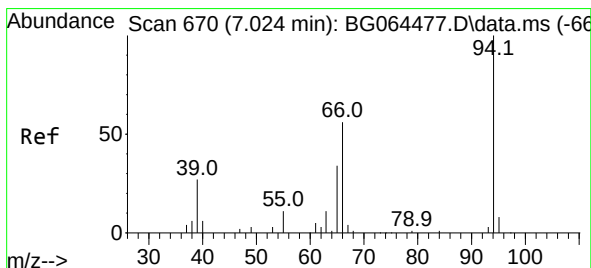
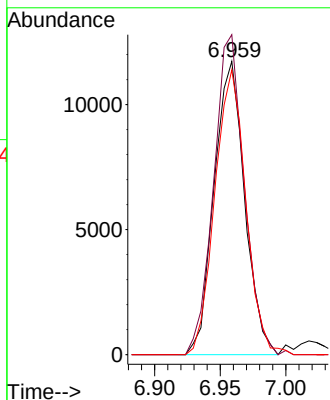
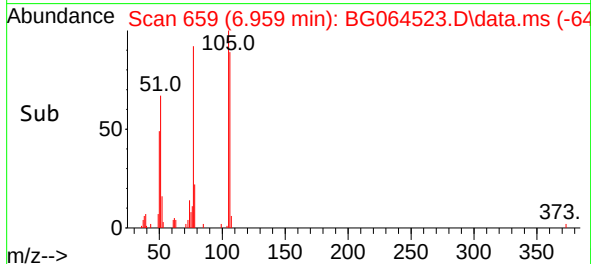
Instrument :
BNA_G
ClientSampleId :
TP-3MS



Tgt Ion: 77 Resp: 1899
Ion Ratio Lower Upper
77 100
105 109.1 83.7 123.7
106 97.1 69.4 109.4

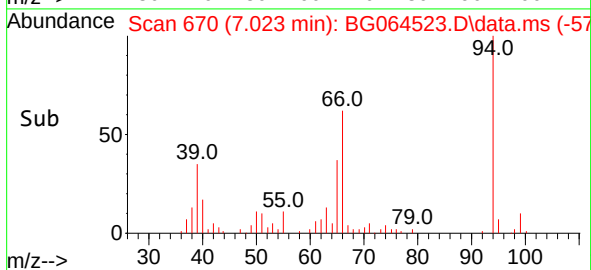
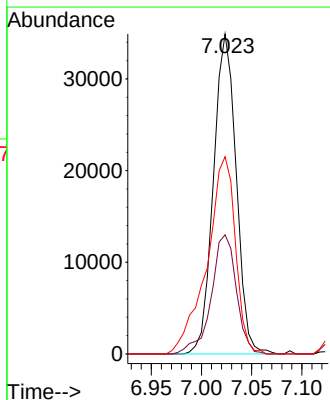
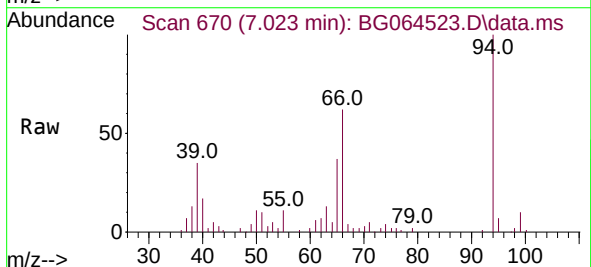
Manual Integrations
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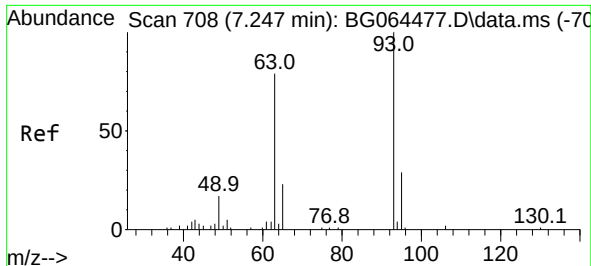
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#10
Phenol
Concen: 23.541 ng
RT: 7.023 min Scan# 670
Delta R.T. 0.008 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

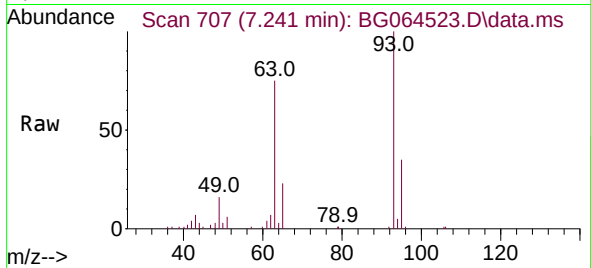
Tgt Ion: 94 Resp: 55067
Ion Ratio Lower Upper
94 100
65 37.2 14.8 54.8
66 61.6 41.4 81.4





#11
bis(2-Chloroethyl)ether
Concen: 21.809 ng
RT: 7.241 min Scan# 708
Delta R.T. -0.004 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

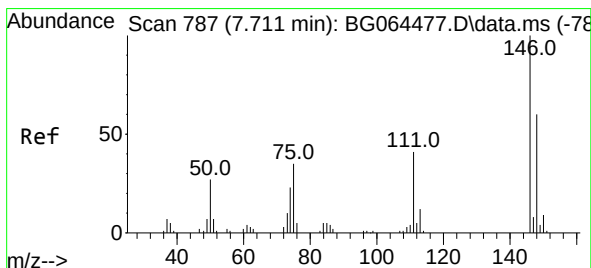
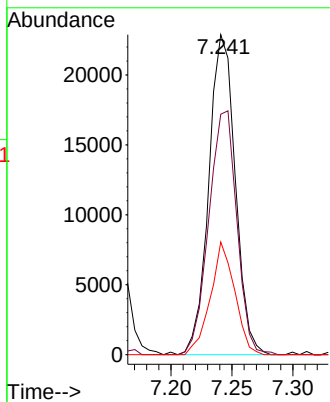
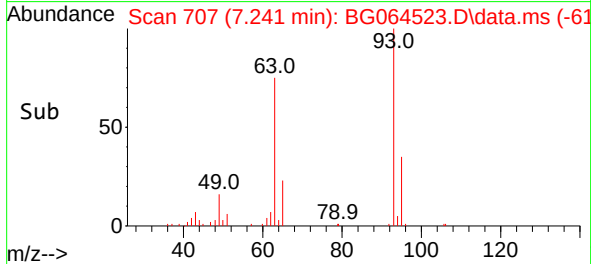
Instrument :
BNA_G
ClientSampleId :
TP-3MS



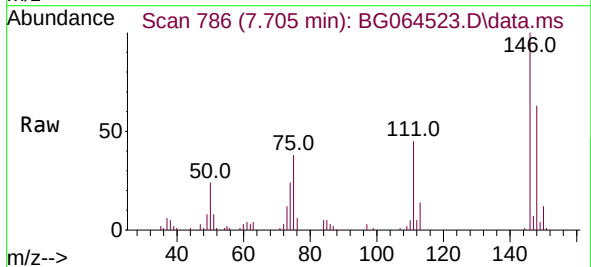
Tgt Ion: 93 Resp: 34548
Ion Ratio Lower Upper
93 100
63 75.1 59.5 99.5
95 35.2 8.8 48.8

Manual Integrations
APPROVED

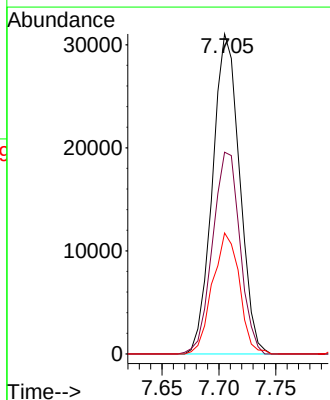
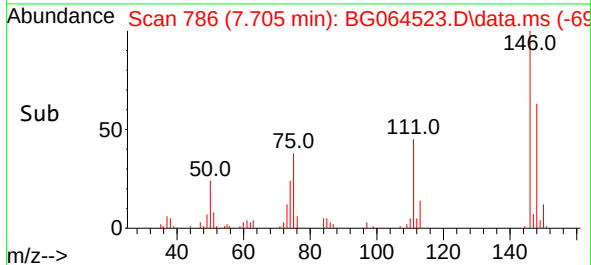
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

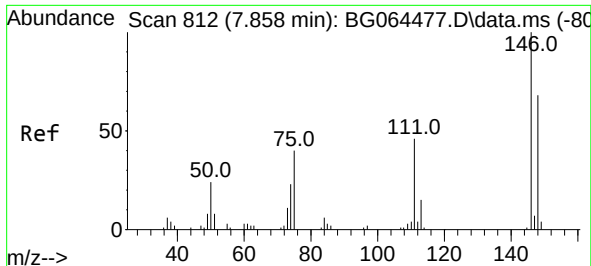


#12
1,3-Dichlorobenzene
Concen: 23.205 ng
RT: 7.705 min Scan# 786
Delta R.T. -0.004 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42



Tgt Ion:146 Resp: 51433
Ion Ratio Lower Upper
146 100
148 63.0 48.4 72.6
75 37.8 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 23.656 ng

RT: 7.852 min Scan# 811

Delta R.T. -0.004 min

Lab File: BG064523.D

Acq: 16 Oct 2025 19:42

Instrument :

BNA_G

ClientSampleId :

TP-3MS

Tgt Ion:146 Resp: 5262

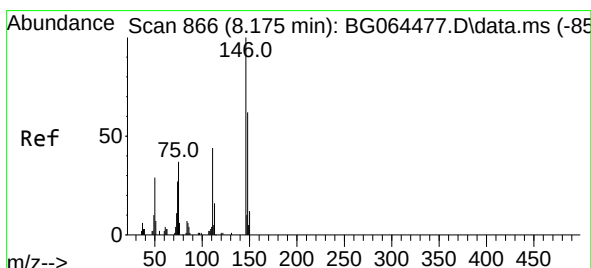
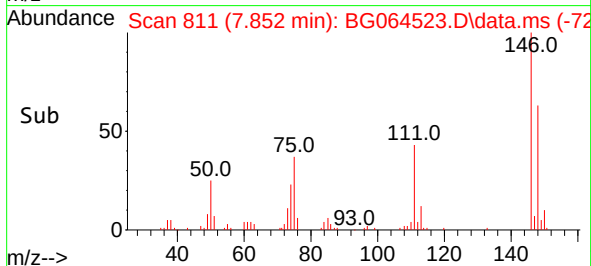
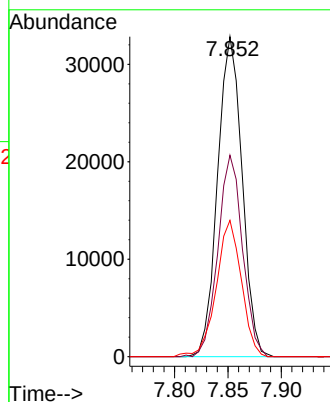
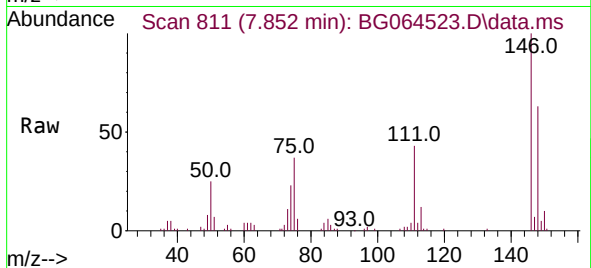
Ion	Ratio	Lower	Upper
146	100		
148	62.9	54.4	81.6
111	42.6	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/17/2025

Supervised By :Jagrut Upadhyay 10/17/2025



#14

1,2-Dichlorobenzene

Concen: 22.661 ng

RT: 8.169 min Scan# 865

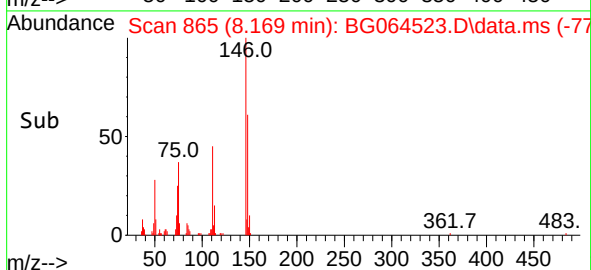
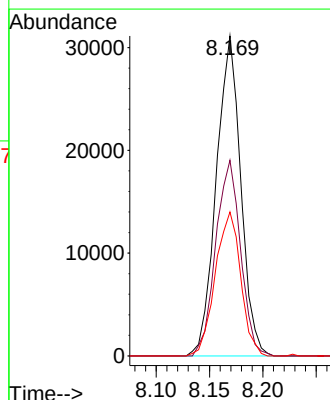
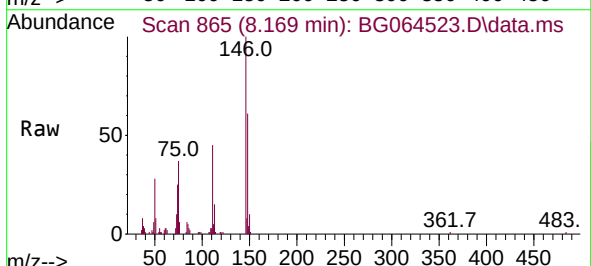
Delta R.T. -0.004 min

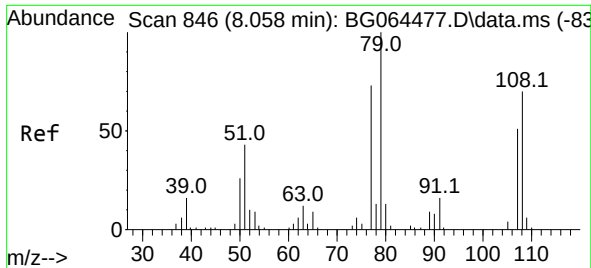
Lab File: BG064523.D

Acq: 16 Oct 2025 19:42

Tgt Ion:146 Resp: 49683

Ion	Ratio	Lower	Upper
146	100		
148	61.1	50.0	75.0
111	45.0	35.0	52.4





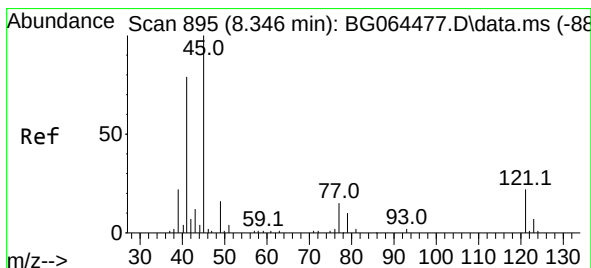
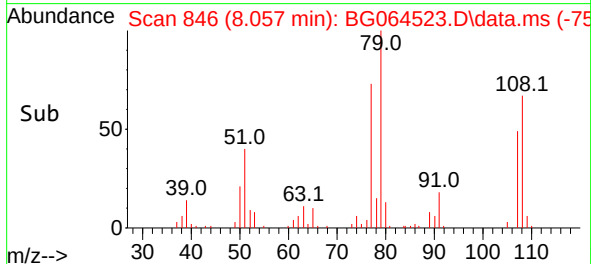
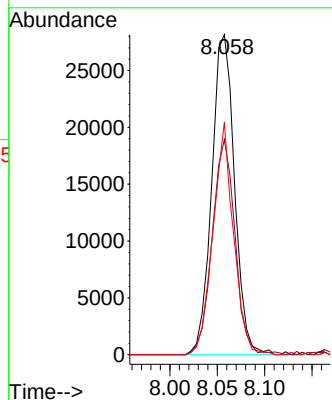
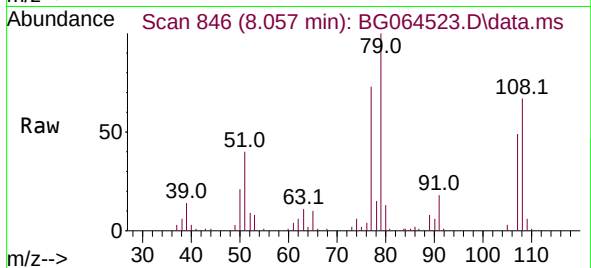
#15
Benzyl Alcohol
Concen: 23.042 ng
RT: 8.057 min Scan# 846
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Instrument :
BNA_G
ClientSampleId :
TP-3MS

Tgt Ion: 79 Resp: 47052
Ion Ratio Lower Upper
79 100
108 67.2 56.4 84.6
77 72.6 58.3 87.5

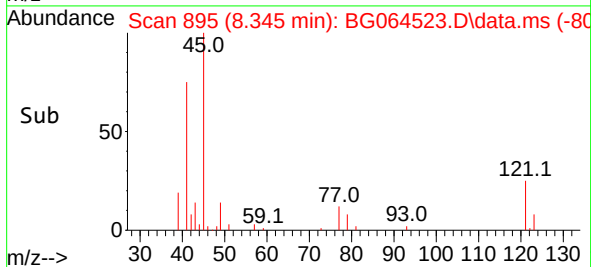
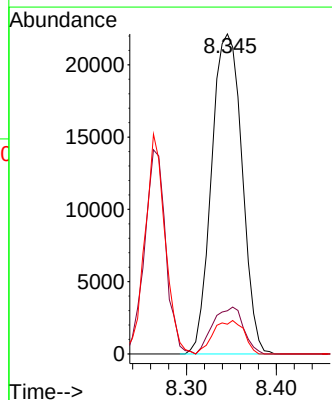
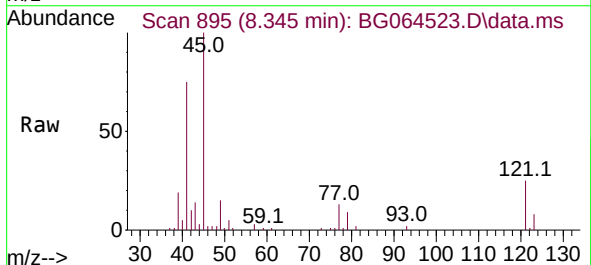
Manual Integrations
APPROVED

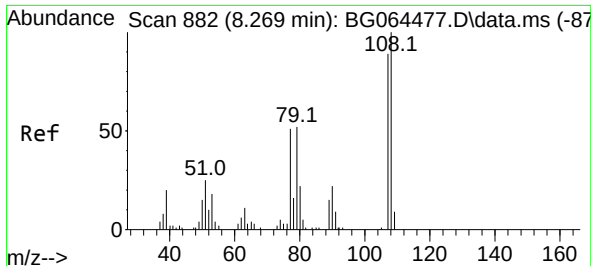
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.416 ng
RT: 8.345 min Scan# 895
Delta R.T. 0.008 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

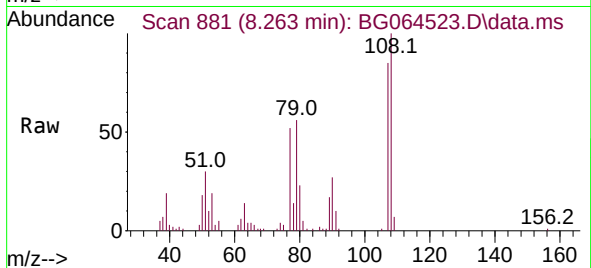
Tgt Ion: 45 Resp: 52131
Ion Ratio Lower Upper
45 100
77 13.5 0.0 35.6
79 9.3 0.0 30.7





#17
2-Methylphenol
Concen: 22.921 ng
RT: 8.263 min Scan# 881
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

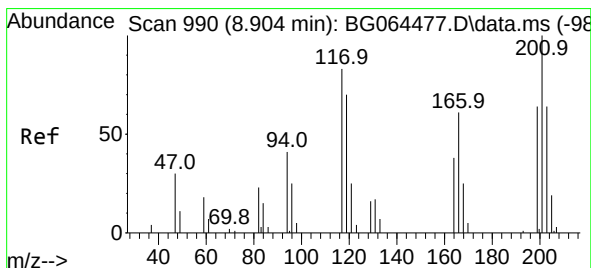
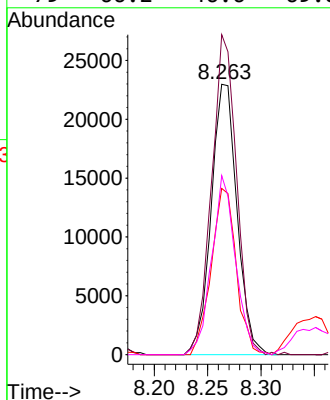
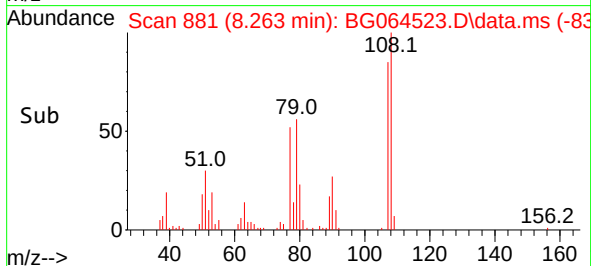
Instrument :
BNA_G
ClientSampleId :
TP-3MS



Tgt Ion:	107	Resp:	38824
Ion	Ratio	Lower	Upper
107	100		
108	118.3	90.3	135.5
77	61.4	46.0	69.0
79	66.2	46.6	69.8

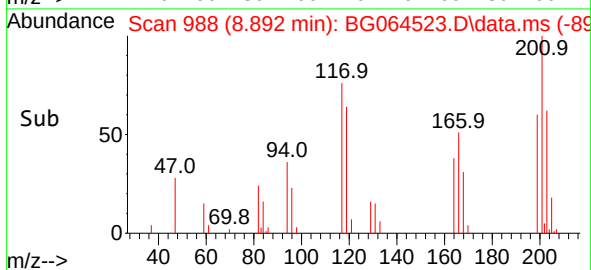
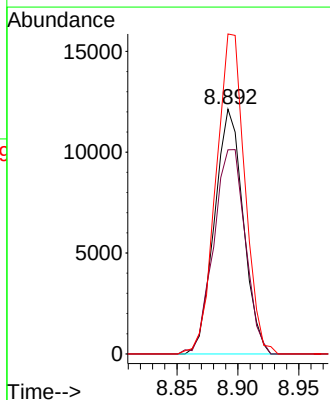
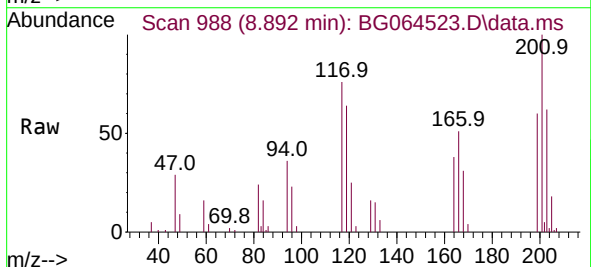
Manual Integrations
APPROVED

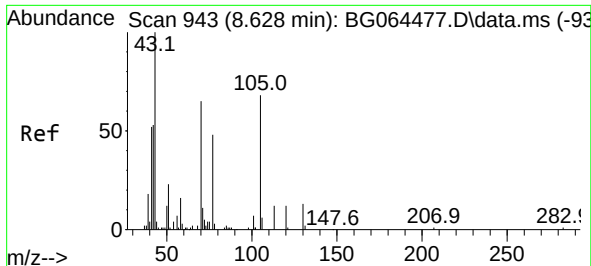
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#18
Hexachloroethane
Concen: 22.673 ng
RT: 8.892 min Scan# 988
Delta R.T. -0.004 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

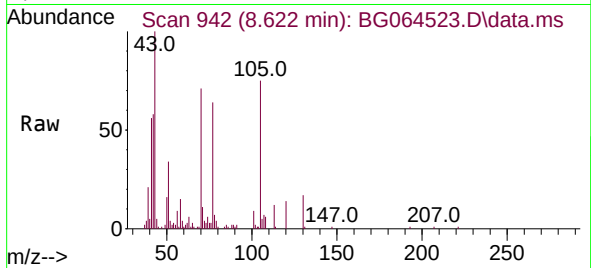
Tgt Ion:	117	Resp:	19908
Ion	Ratio	Lower	Upper
117	100		
119	83.4	67.4	101.0
201	130.7	95.9	143.9





#19
n-Nitroso-di-n-propylamine
Concen: 22.120 ng
RT: 8.622 min Scan# 943
Delta R.T. 0.008 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

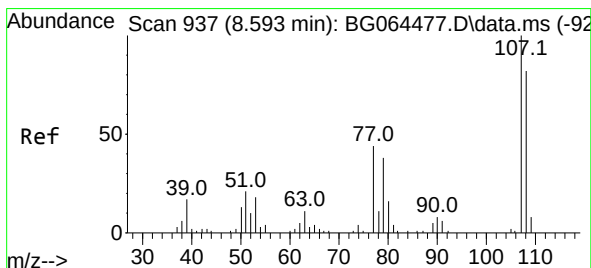
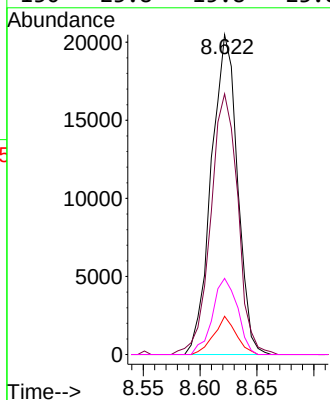
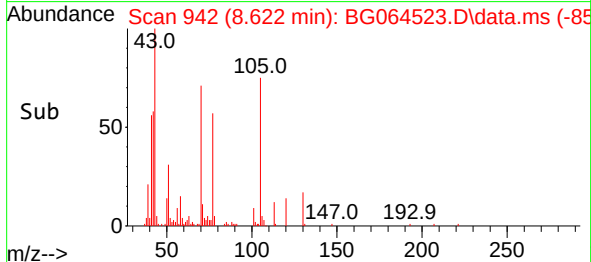
Instrument :
BNA_G
ClientSampleId :
TP-3MS



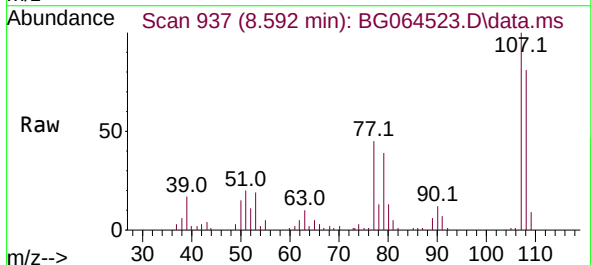
Tgt Ion: 70 Resp: 32803
Ion Ratio Lower Upper
70 100
42 81.5 64.9 97.3
101 12.0 8.7 13.1
130 23.8 15.8 23.8#

Manual Integrations
APPROVED

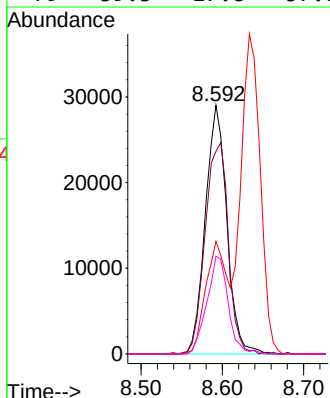
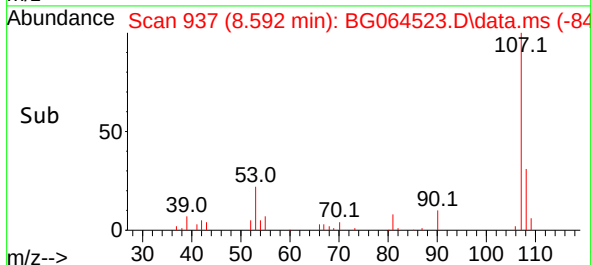
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

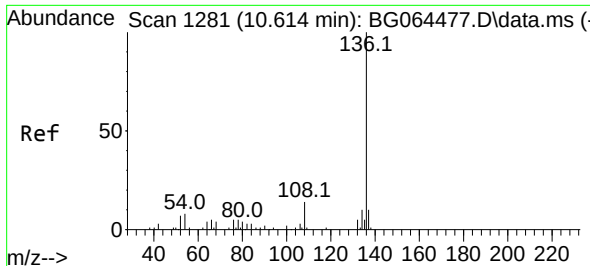


#20
3+4-Methylphenols
Concen: 22.554 ng
RT: 8.592 min Scan# 937
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42



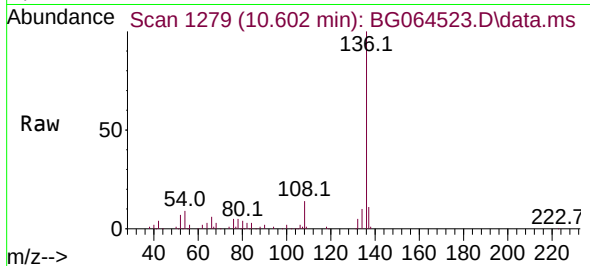
Tgt Ion:107 Resp: 53311
Ion Ratio Lower Upper
107 100
108 81.5 62.1 102.1
77 45.2 23.5 63.5
79 39.3 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.602 min Scan# 1279
Delta R.T. -0.004 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Instrument :
BNA_G
ClientSampleId :
TP-3MS

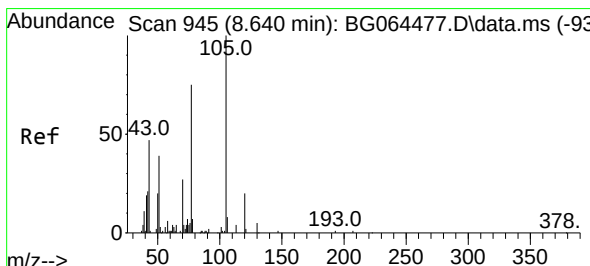
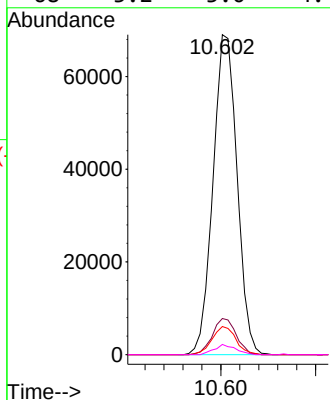
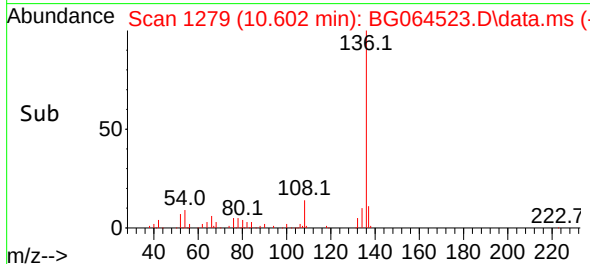


Tgt Ion:136 Resp: 121546

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.3	12.5
54	8.8	6.2	9.4
68	3.2	3.0	4.4

Manual Integrations
APPROVED

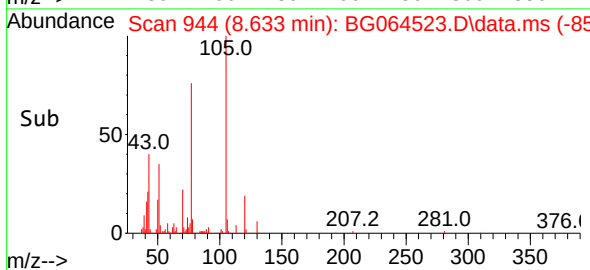
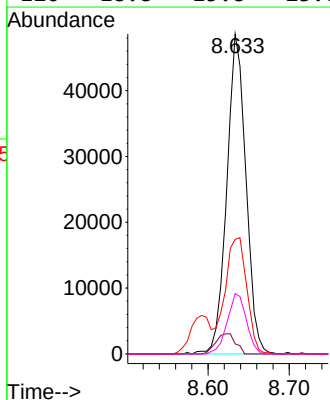
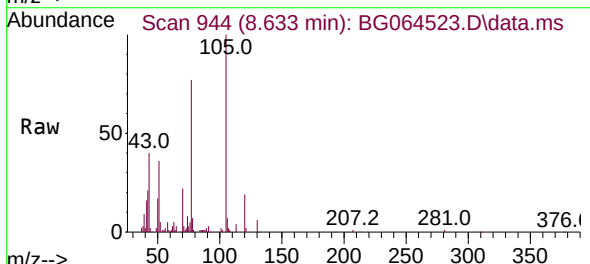
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

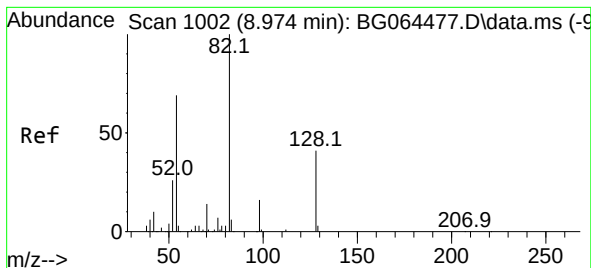


#22
Acetophenone
Concen: 27.016 ng
RT: 8.633 min Scan# 944
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Tgt Ion:105 Resp: 79508

Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.8	4.2
51	35.8	33.0	49.4
120	18.8	15.8	23.6





#23

Nitrobenzene-d5

Concen: 33.574 ng

RT: 8.974 min Scan# 1002

Delta R.T. 0.008 min

Lab File: BG064523.D

Acq: 16 Oct 2025 19:42

Instrument :

BNA_G

ClientSampleId :

TP-3MS

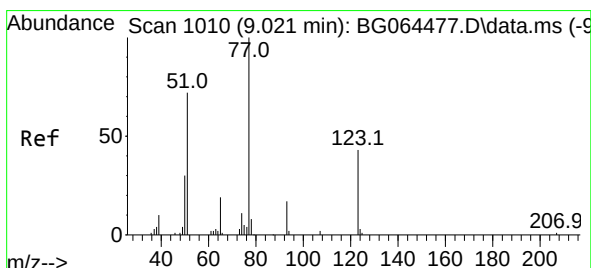
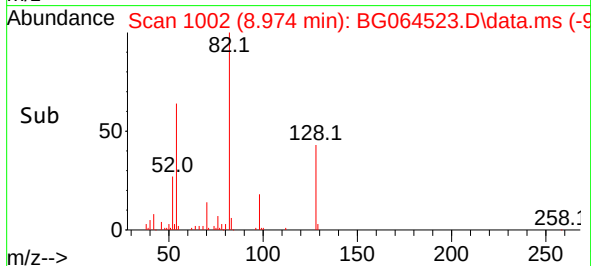
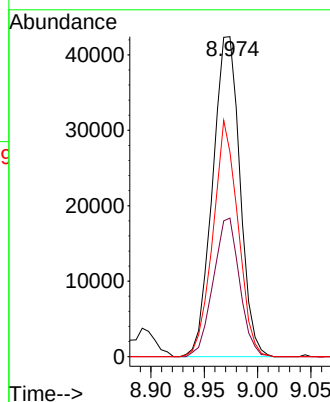
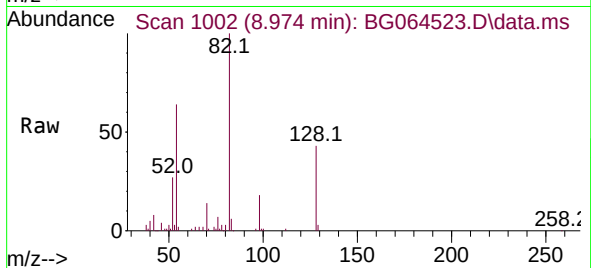
Tgt Ion: 82	Resp: 75894
Ion Ratio	Lower Upper
82 100	
128 43.3	33.1 49.7
54 63.9	55.4 83.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/17/2025

Supervised By :Jagrut Upadhyay 10/17/2025



#24

Nitrobenzene

Concen: 23.280 ng

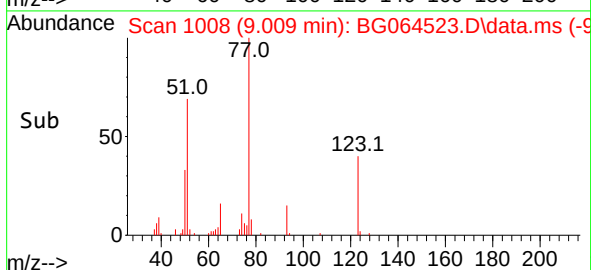
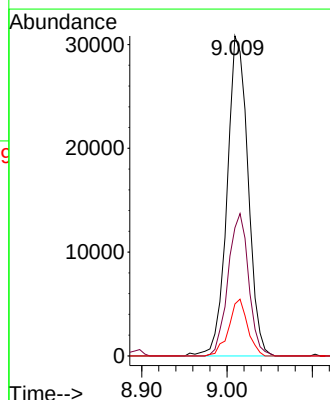
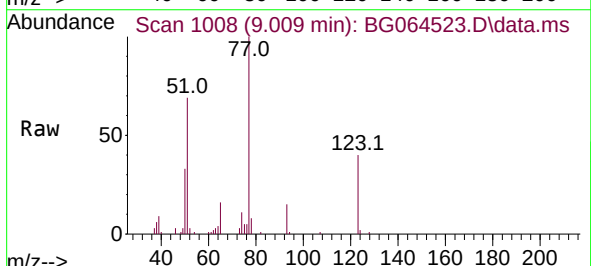
RT: 9.009 min Scan# 1008

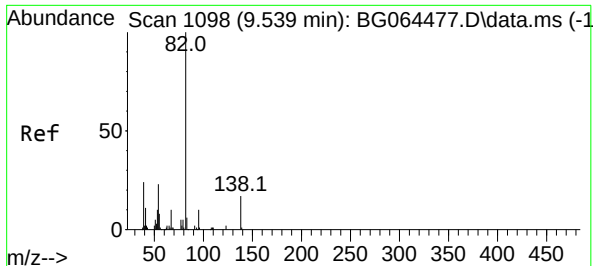
Delta R.T. -0.004 min

Lab File: BG064523.D

Acq: 16 Oct 2025 19:42

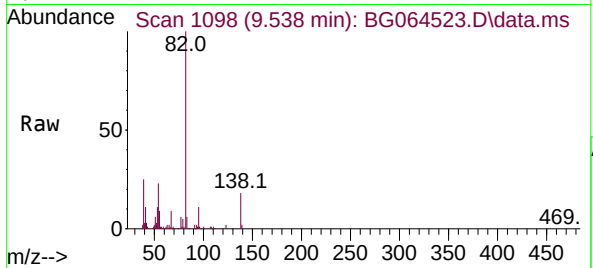
Tgt Ion: 77	Resp: 52477
Ion Ratio	Lower Upper
77 100	
123 40.0	34.4 51.6
65 16.2	14.8 22.2





#25
Isophorone
Concen: 22.658 ng
RT: 9.538 min Scan# 1098
Delta R.T. 0.008 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

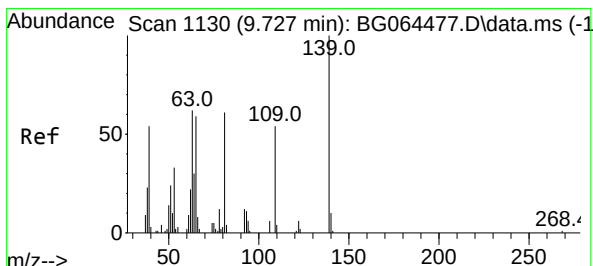
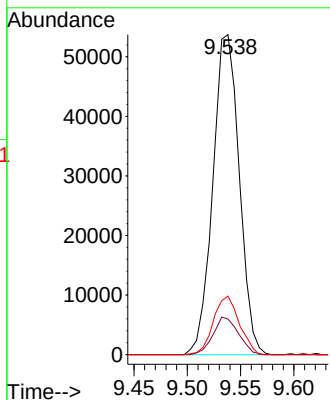
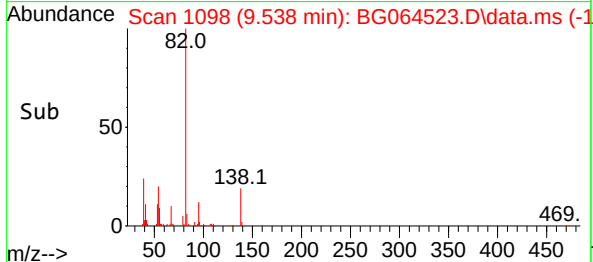
Instrument :
BNA_G
ClientSampleId :
TP-3MS



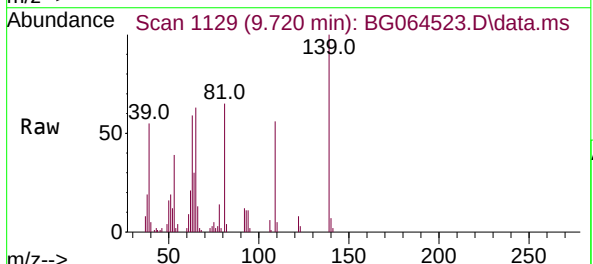
Tgt Ion: 82 Resp: 92784
Ion Ratio Lower Upper
82 100
95 11.1 7.8 11.8
138 18.3 13.8 20.6

Manual Integrations
APPROVED

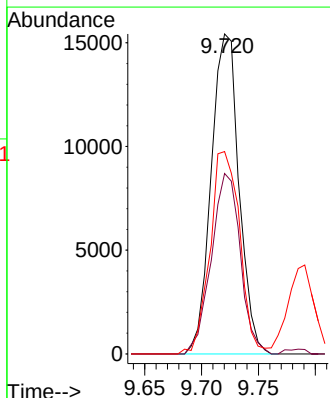
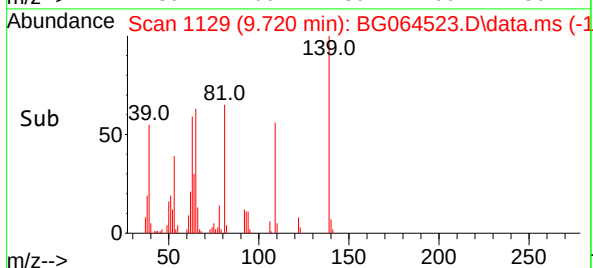
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

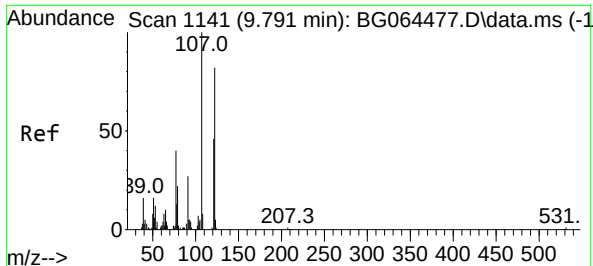


#26
2-Nitrophenol
Concen: 23.392 ng
RT: 9.720 min Scan# 1129
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42



Tgt Ion:139 Resp: 26244
Ion Ratio Lower Upper
139 100
109 56.4 43.0 64.6
65 63.2 47.4 71.2





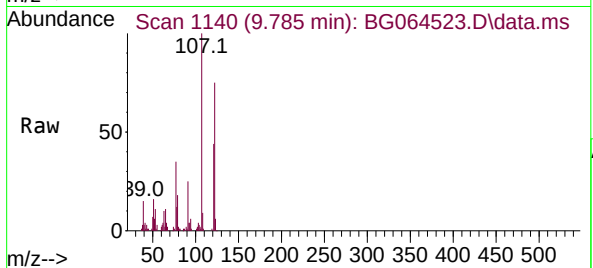
#27
2,4-Dimethylphenol
Concen: 27.103 ng
RT: 9.785 min Scan# 1141
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Instrument :

BNA_G

ClientSampleId :

TP-3MS



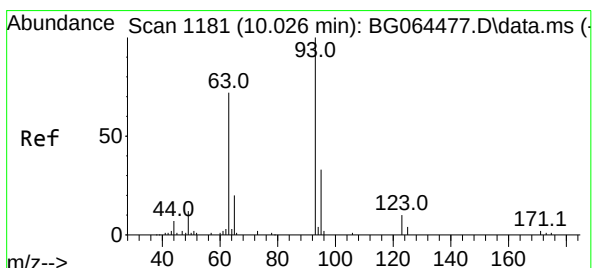
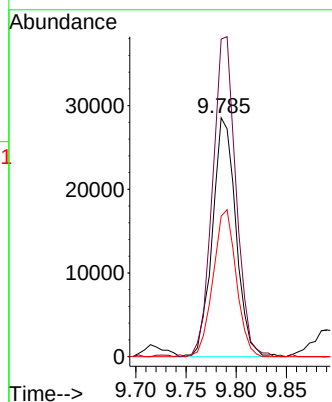
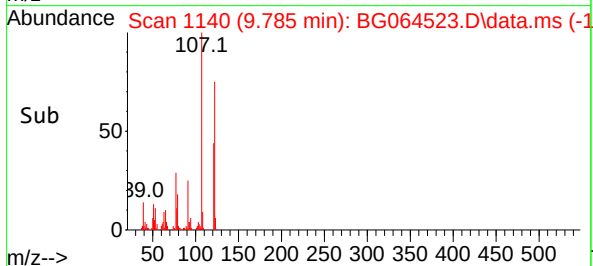
Tgt Ion: 122 Resp: 46442
Ion Ratio Lower Upper
122 100
107 133.0 98.3 147.5
121 58.8 44.7 67.1

Manual Integrations

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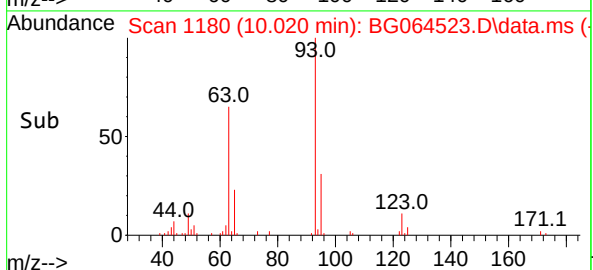
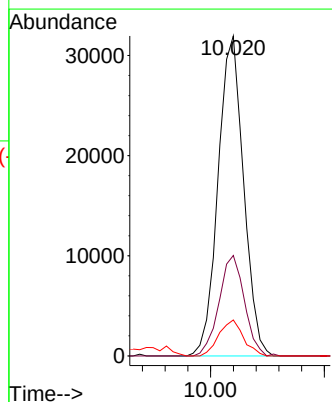
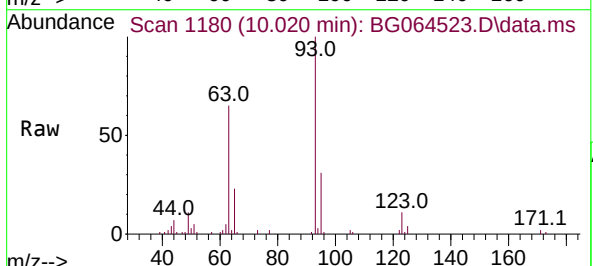
Reviewed By :Rahul Chavli 10/17/2025

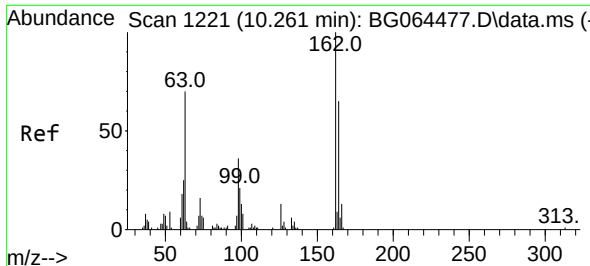
Supervised By :Jagrut Upadhyay 10/17/2025



#28
bis(2-Chloroethoxy)methane
Concen: 23.771 ng
RT: 10.020 min Scan# 1180
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Tgt Ion: 93 Resp: 49620
Ion Ratio Lower Upper
93 100
95 31.4 26.5 39.7
123 11.2 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 25.277 ng

RT: 10.261 min Scan# 1221

Delta R.T. 0.002 min

Lab File: BG064523.D

Acq: 16 Oct 2025 19:42

Instrument :

BNA_G

ClientSampleId :

TP-3MS

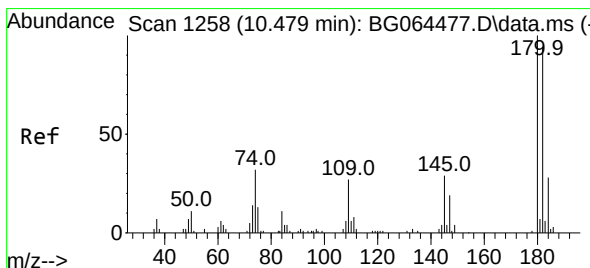
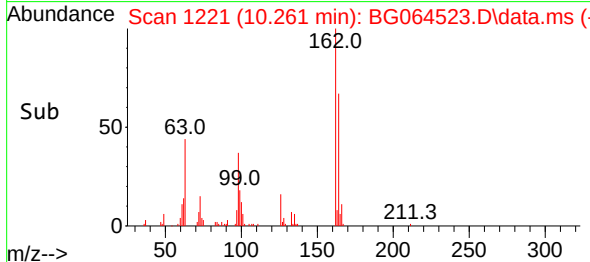
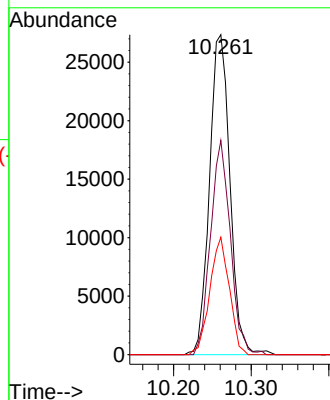
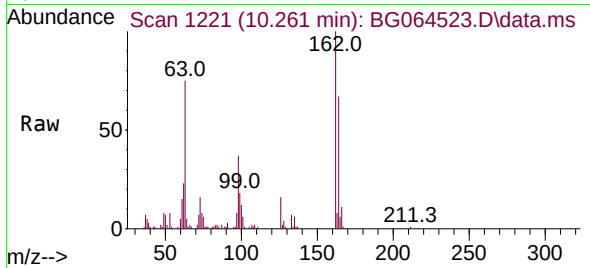
Tgt Ion:162	Resp:	50088
Ion Ratio	Lower	Upper
162	100	
164	66.9	45.4 85.4
98	36.7	16.4 56.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/17/2025

Supervised By :Jagrut Upadhyay 10/17/2025



#30

1,2,4-Trichlorobenzene

Concen: 25.447 ng

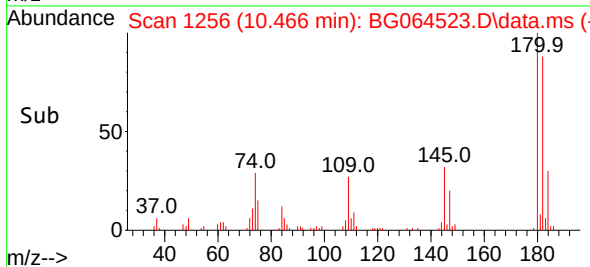
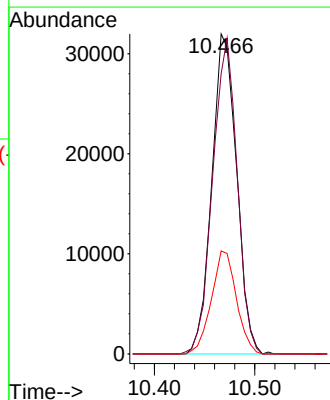
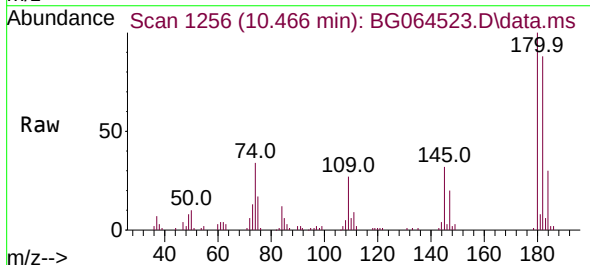
RT: 10.466 min Scan# 1256

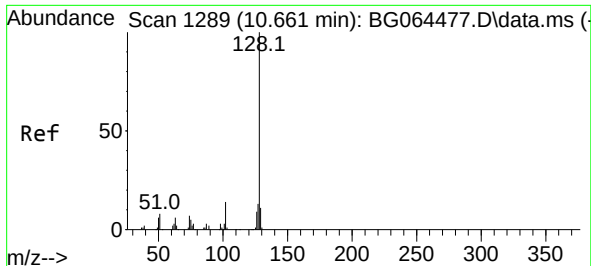
Delta R.T. -0.004 min

Lab File: BG064523.D

Acq: 16 Oct 2025 19:42

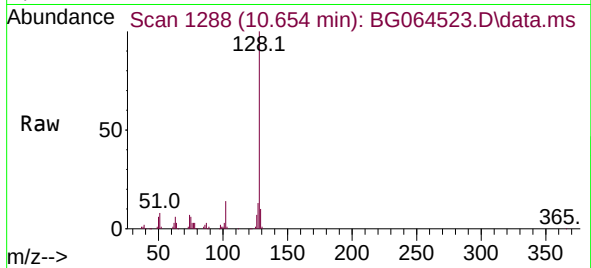
Tgt Ion:180	Resp:	54981
Ion Ratio	Lower	Upper
180	100	
182	87.6	75.4 113.2
145	32.2	23.2 34.8





#31
Naphthalene
Concen: 23.994 ng
RT: 10.654 min Scan# 1288
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

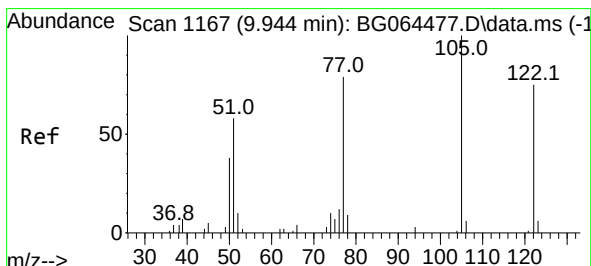
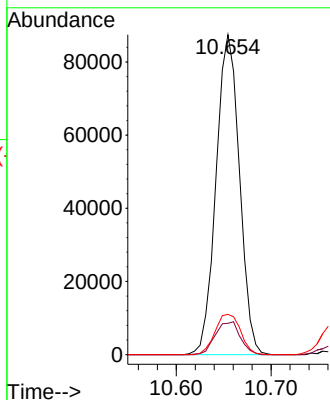
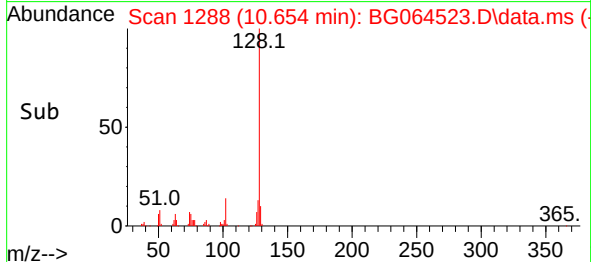
Instrument :
BNA_G
ClientSampleId :
TP-3MS



Tgt Ion:128 Resp: 150179
Ion Ratio Lower Upper
128 100
129 9.8 8.7 13.1
127 12.6 10.2 15.2

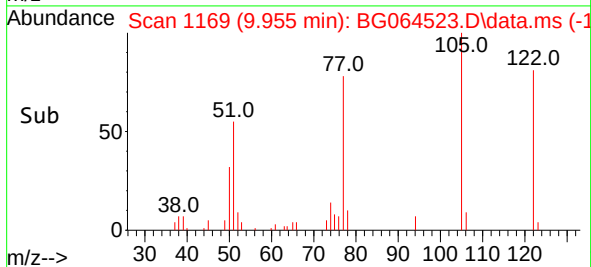
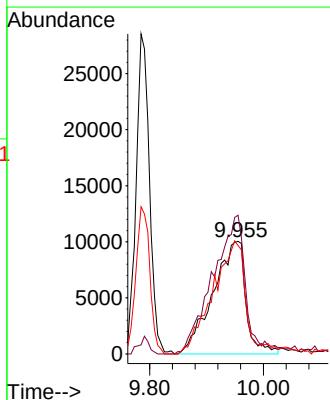
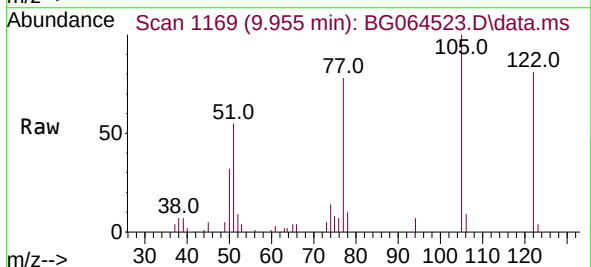
Manual Integrations
APPROVED

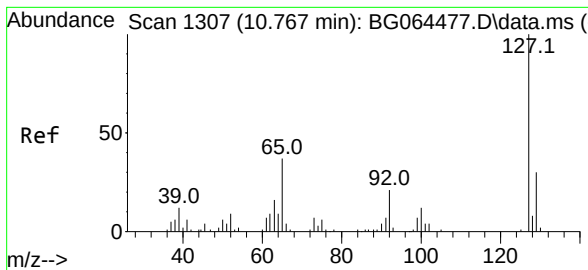
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#32
Benzoic acid
Concen: 30.729 ng
RT: 9.955 min Scan# 1169
Delta R.T. 0.067 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

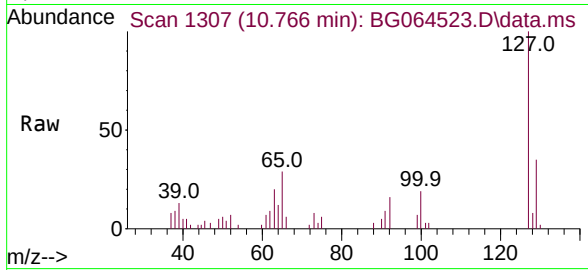
Tgt Ion:122 Resp: 40427
Ion Ratio Lower Upper
122 100
105 123.2 113.9 153.9
77 96.4 86.1 126.1





#33
4-Chloroaniline
Concen: 7.211 ng
RT: 10.766 min Scan# 1307
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

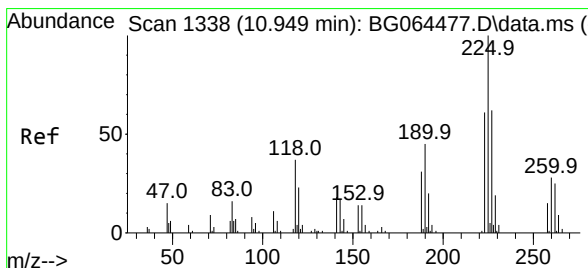
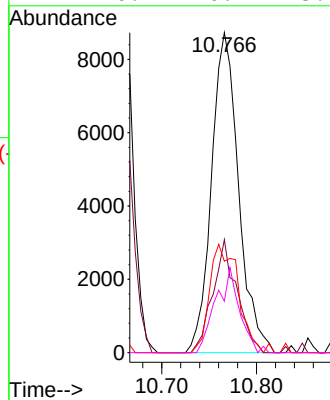
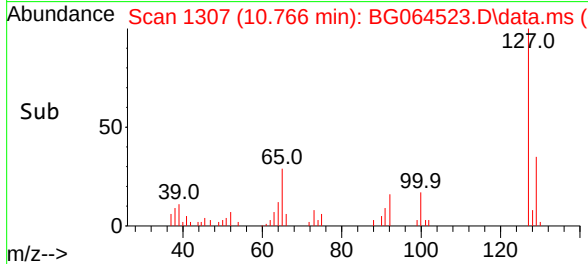
Instrument :
BNA_G
ClientSampleId :
TP-3MS



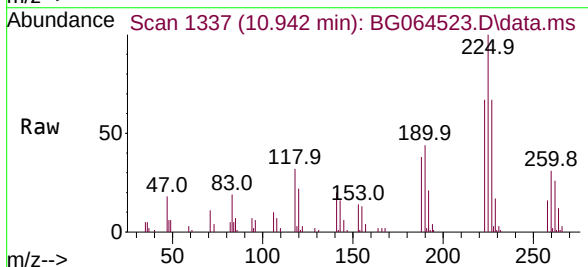
Tgt Ion:127 Resp: 17319
Ion Ratio Lower Upper
127 100
129 35.3 24.2 36.4
65 28.6 29.6 44.4
92 16.1 16.7 25.1#

Manual Integrations
APPROVED

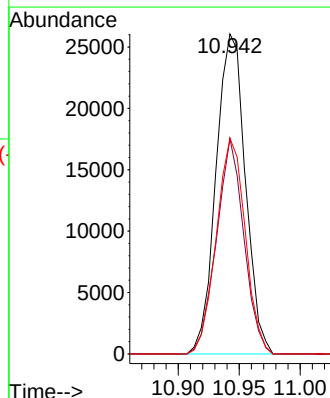
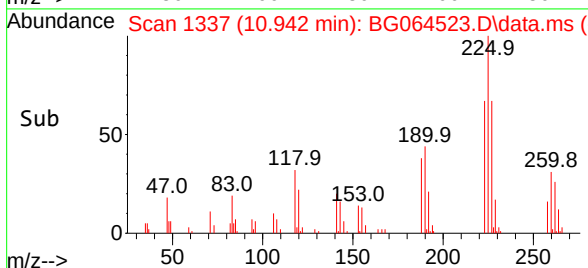
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

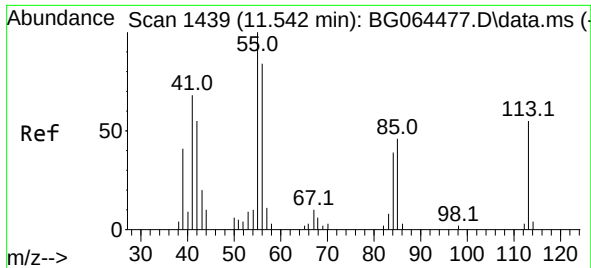


#34
Hexachlorobutadiene
Concen: 23.523 ng
RT: 10.942 min Scan# 1337
Delta R.T. -0.004 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42



Tgt Ion:225 Resp: 43526
Ion Ratio Lower Upper
225 100
223 67.3 49.0 73.6
227 67.4 49.9 74.9





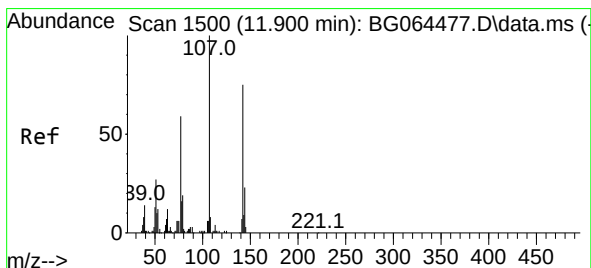
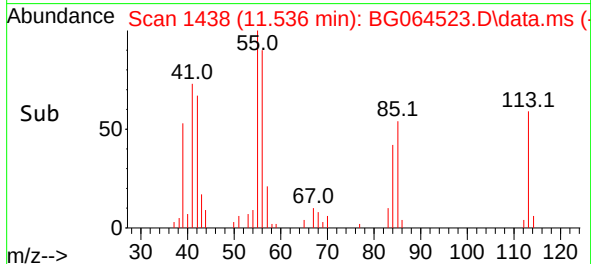
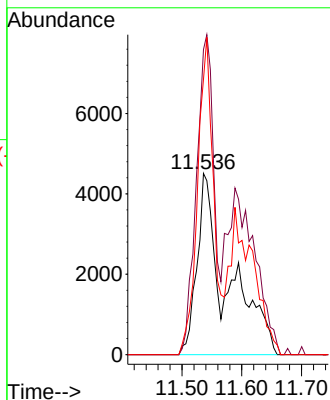
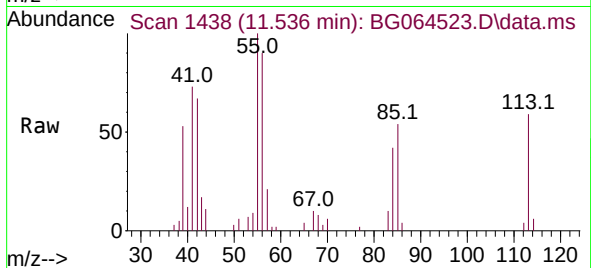
#35
Caprolactam
Concen: 23.075 ng m
RT: 11.536 min Scan# 1438
Delta R.T. 0.026 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Instrument :
BNA_G
ClientSampleId :
TP-3MS

Tgt Ion:113 Resp: 15653
Ion Ratio Lower Upper
113 100
55 168.3 162.0 202.0
56 151.9 134.6 174.6

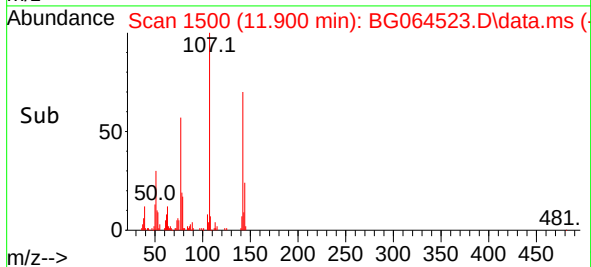
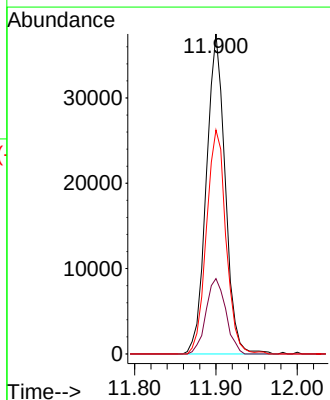
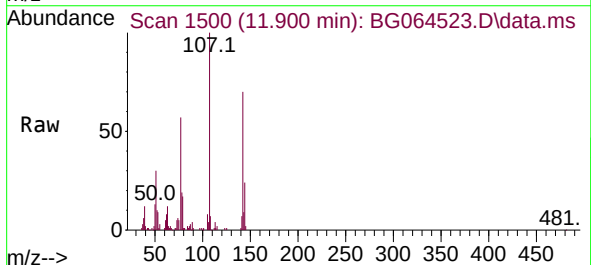
Manual Integrations
APPROVED

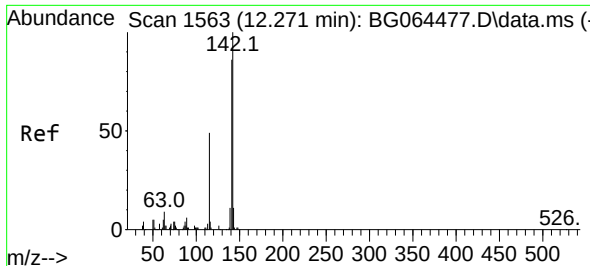
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#36
4-Chloro-3-methylphenol
Concen: 25.112 ng
RT: 11.900 min Scan# 1500
Delta R.T. 0.008 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Tgt Ion:107 Resp: 60512
Ion Ratio Lower Upper
107 100
144 23.5 18.7 28.1
142 70.0 60.2 90.2





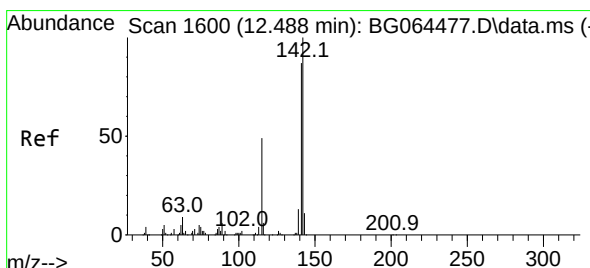
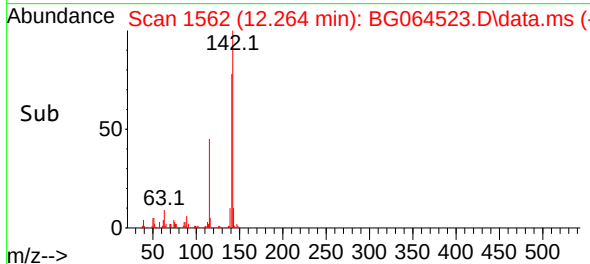
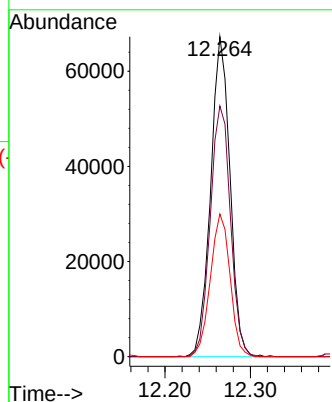
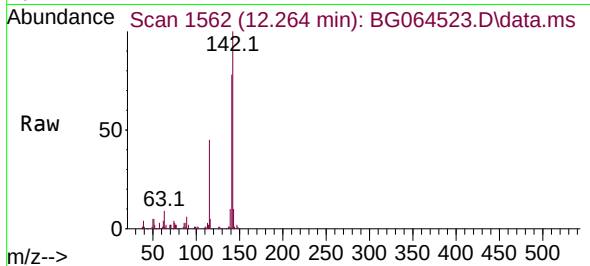
#37
2-Methylnaphthalene
Concen: 22.058 ng
RT: 12.264 min Scan# 1562
Delta R.T. -0.004 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Instrument :
BNA_G
ClientSampleId :
TP-3MS

Tgt Ion:142 Resp: 105976
Ion Ratio Lower Upper
142 100
141 78.3 68.7 103.1
115 44.6 39.3 58.9

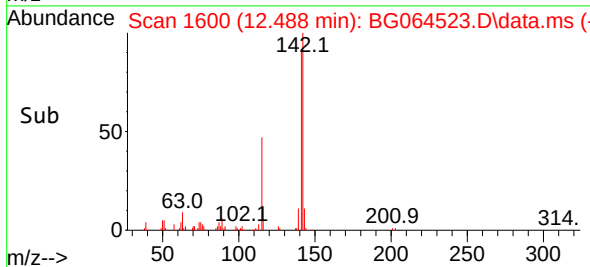
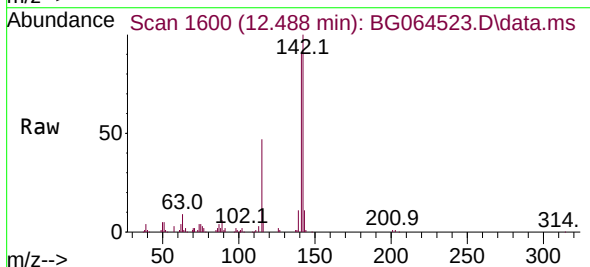
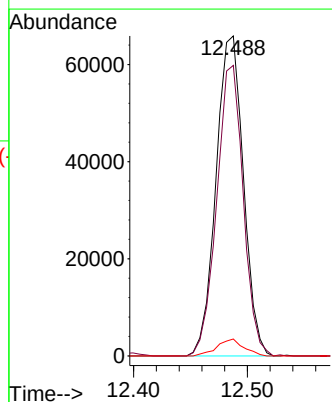
Manual Integrations
APPROVED

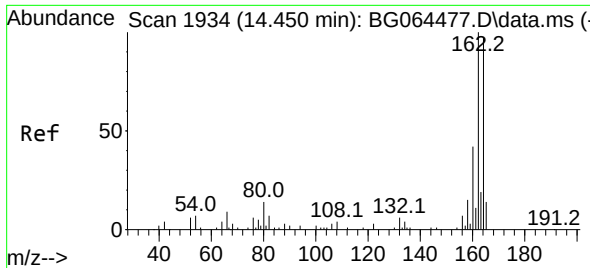
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#38
1-Methylnaphthalene
Concen: 23.016 ng
RT: 12.488 min Scan# 1600
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

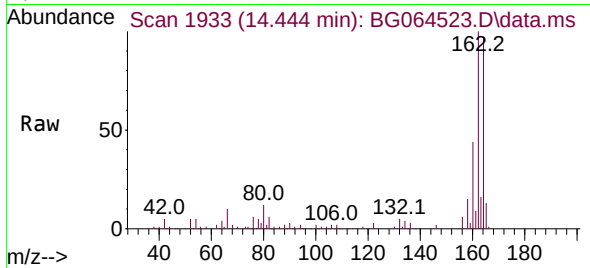
Tgt Ion:142 Resp: 110263
Ion Ratio Lower Upper
142 100
141 90.8 69.8 104.8
116 5.3 4.6 6.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.444 min Scan# 1934
Delta R.T. -0.004 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

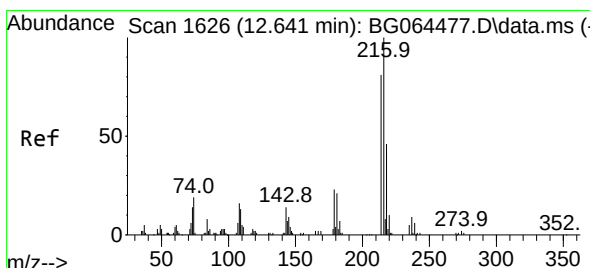
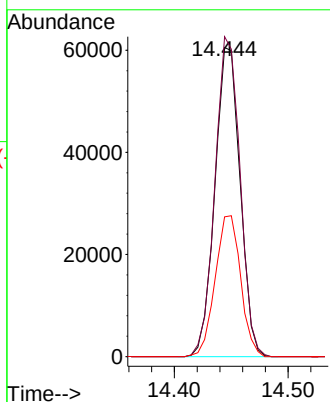
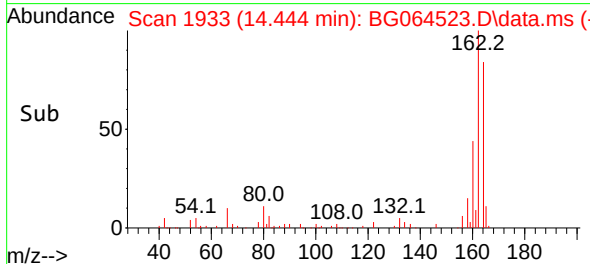
Instrument :
BNA_G
ClientSampleId :
TP-3MS



Tgt Ion:164 Resp: 93035
Ion Ratio Lower Upper
164 100
162 103.5 82.2 123.2
160 45.2 34.3 51.5

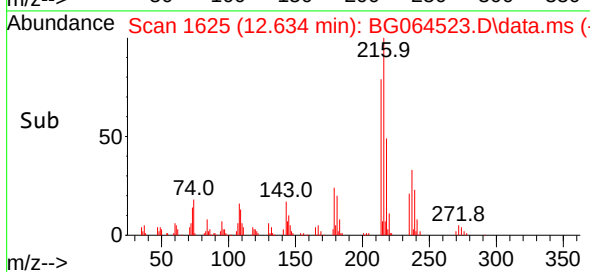
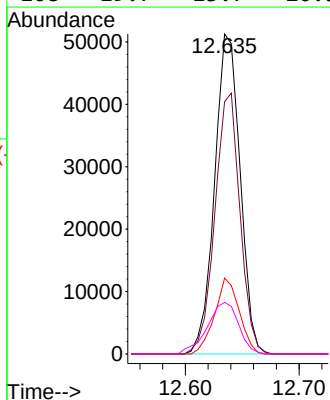
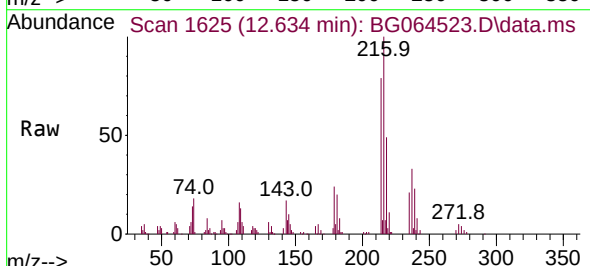
Manual Integrations
APPROVED

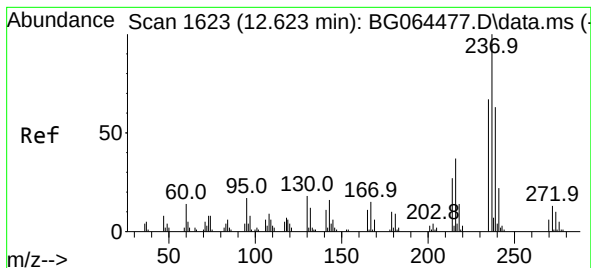
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 26.598 ng
RT: 12.634 min Scan# 1625
Delta R.T. -0.004 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

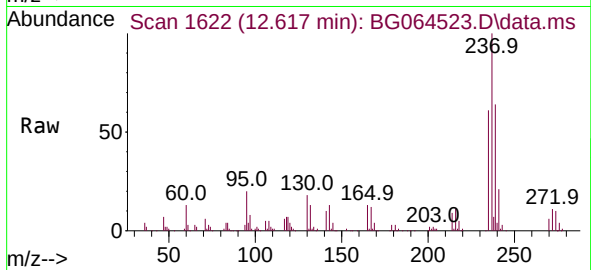
Tgt Ion:216 Resp: 79898
Ion Ratio Lower Upper
216 100
214 80.0 62.5 93.7
179 22.9 17.0 25.6
108 19.7 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 64.547 ng
RT: 12.617 min Scan# 1622
Delta R.T. -0.004 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

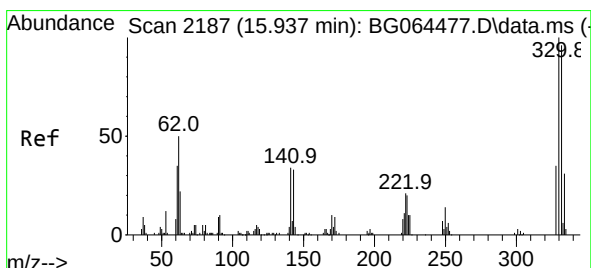
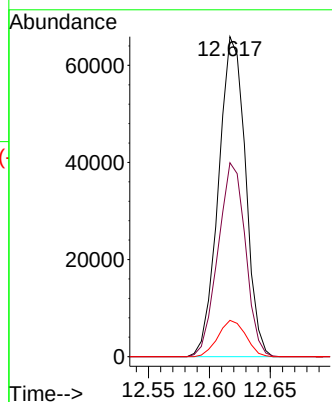
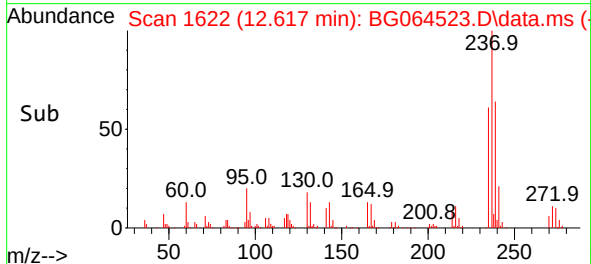
Instrument :
BNA_G
ClientSampleId :
TP-3MS



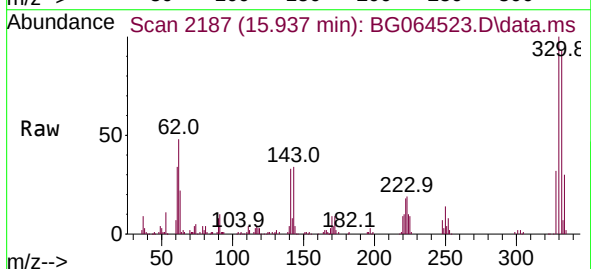
Tgt Ion: 237 Resp: 101425
Ion Ratio Lower Upper
237 100
235 60.6 46.9 86.9
272 11.3 0.0 32.6

Manual Integrations
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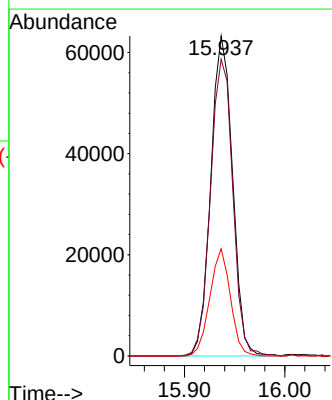
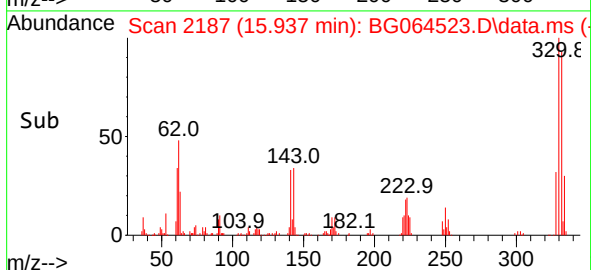
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

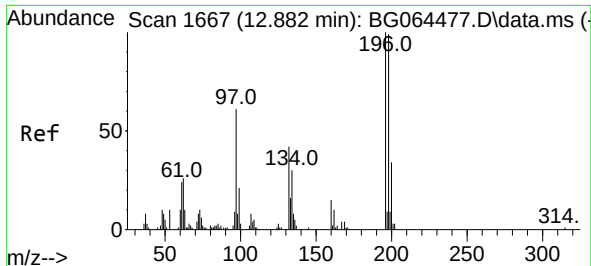


#42
2,4,6-Tribromophenol
Concen: 56.455 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42



Tgt Ion: 330 Resp: 95206
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.0
141 31.6 25.8 38.6





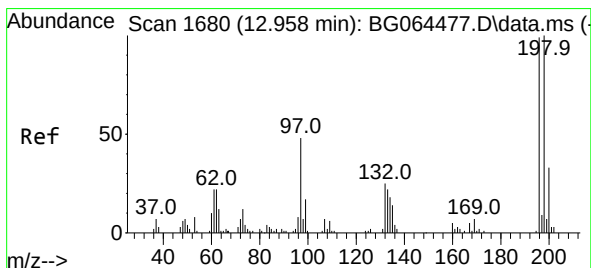
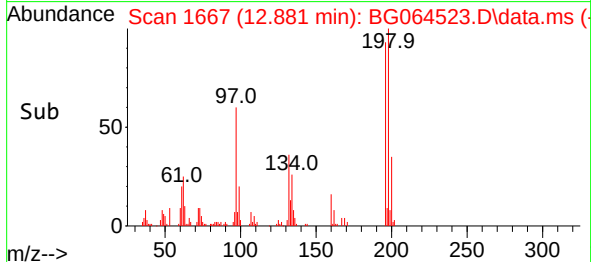
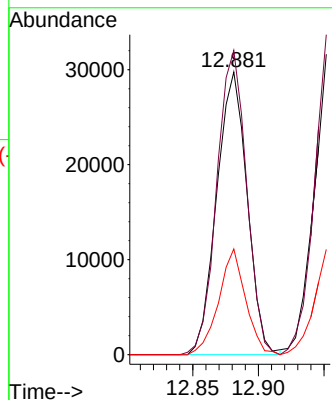
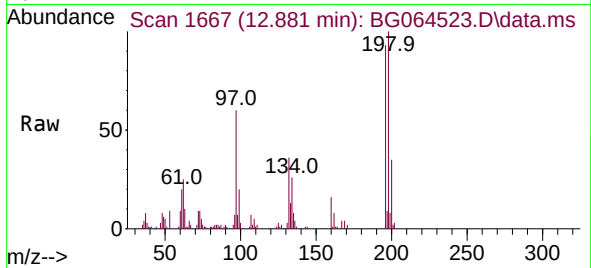
#43
2,4,6-Trichlorophenol
Concen: 24.987 ng
RT: 12.881 min Scan# 1667
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Instrument :
BNA_G
ClientSampleId :
TP-3MS

Tgt Ion:196 Resp: 47982
Ion Ratio Lower Upper
196 100
198 107.7 79.3 118.9
200 37.4 27.4 41.2

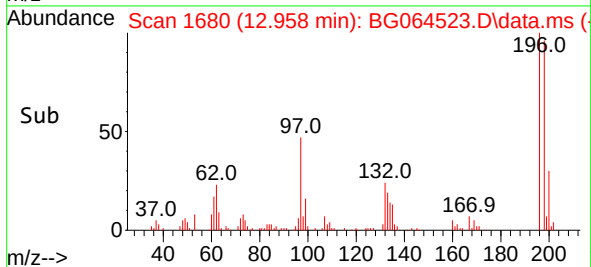
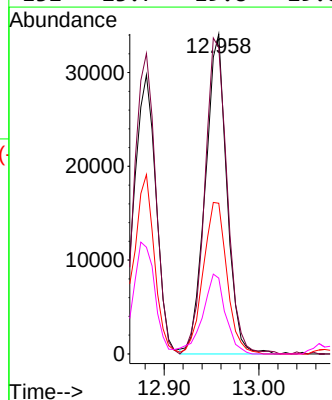
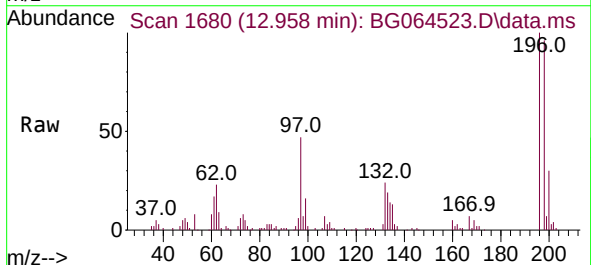
Manual Integrations
APPROVED

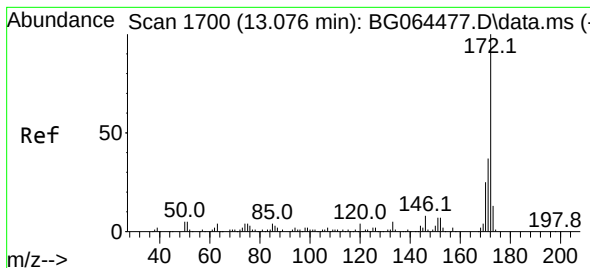
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#44
2,4,5-Trichlorophenol
Concen: 25.107 ng
RT: 12.958 min Scan# 1680
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

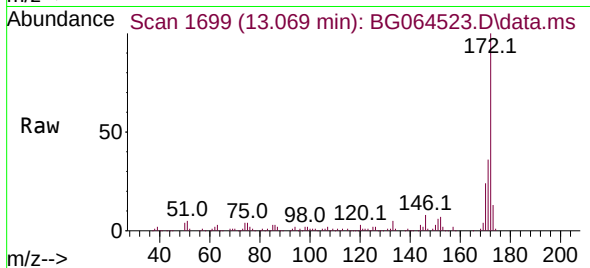
Tgt Ion:196 Resp: 53825
Ion Ratio Lower Upper
196 100
198 95.7 80.3 120.5
97 47.1 39.4 59.0
132 23.7 19.8 29.8





#45
2-Fluorobiphenyl
Concen: 32.165 ng
RT: 13.069 min Scan# 1699
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

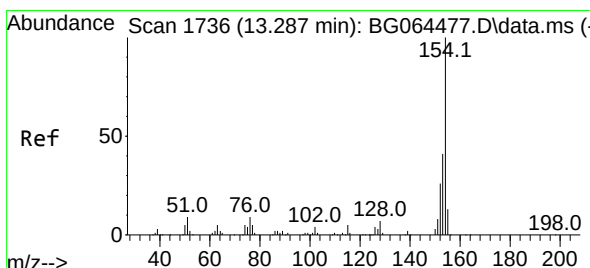
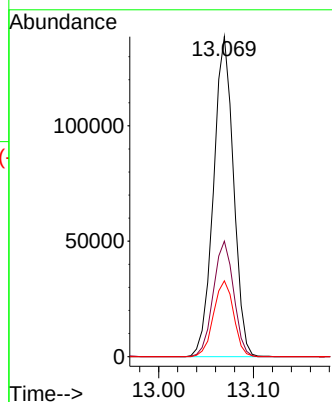
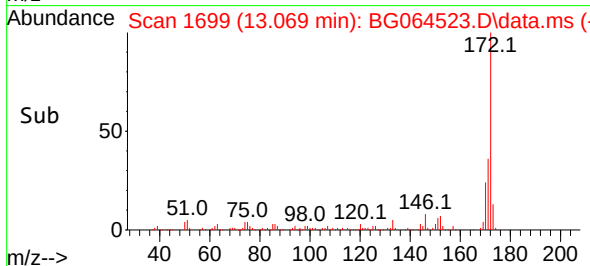
Instrument :
BNA_G
ClientSampleId :
TP-3MS



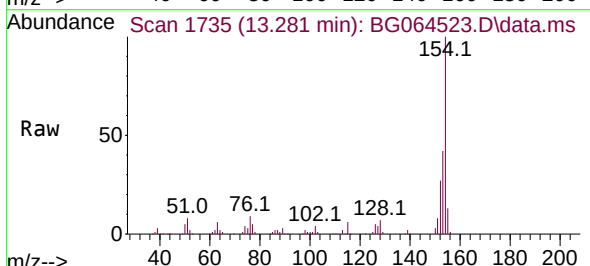
Tgt Ion:172 Resp: 203016
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.7 20.2 30.2

Manual Integrations
APPROVED

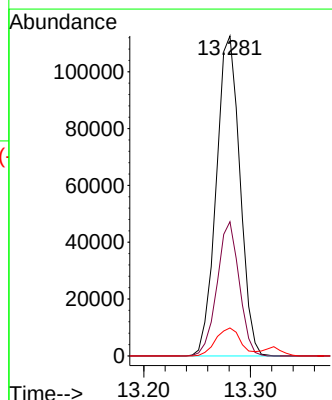
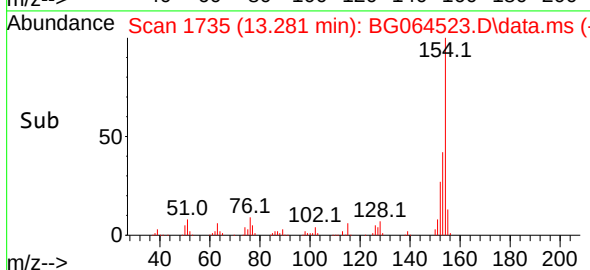
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

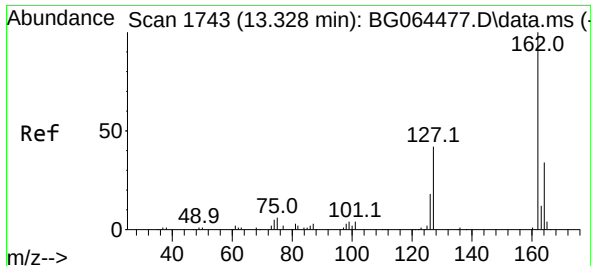


#46
1,1'-Biphenyl
Concen: 25.937 ng
RT: 13.281 min Scan# 1735
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42



Tgt Ion:154 Resp: 173558
Ion Ratio Lower Upper
154 100
153 41.9 20.7 60.7
76 8.7 0.0 29.3





#47

2-Chloronaphthalene

Concen: 23.240 ng

RT: 13.322 min Scan# 1742

Delta R.T. 0.002 min

Lab File: BG064523.D

Acq: 16 Oct 2025 19:42

Instrument :

BNA_G

ClientSampleId :

TP-3MS

Tgt Ion:162 Resp: 116105

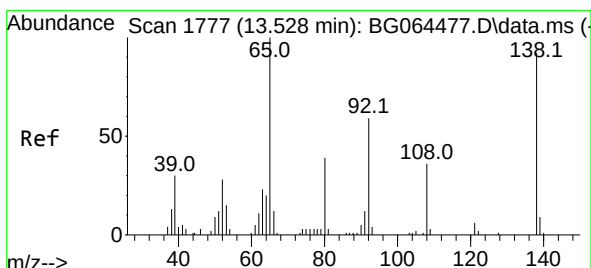
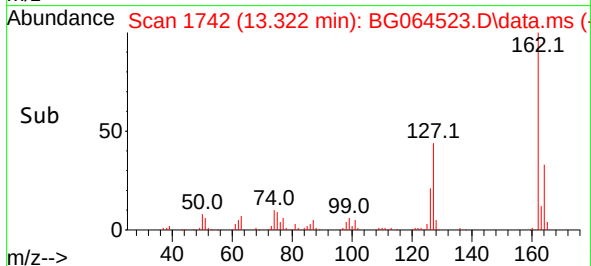
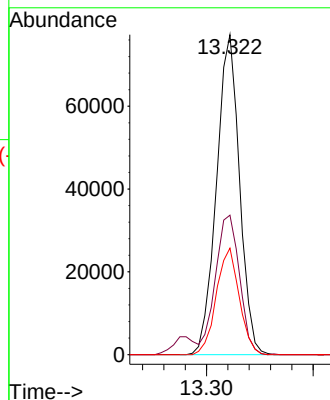
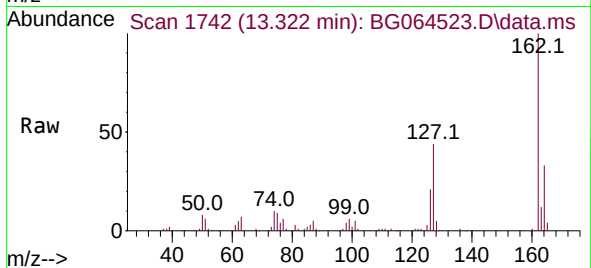
Ion	Ratio	Lower	Upper
162	100		
127	43.6	35.8	53.8
164	33.3	27.2	40.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/17/2025

Supervised By :Jagrut Upadhyay 10/17/2025



#48

2-Nitroaniline

Concen: 24.153 ng

RT: 13.528 min Scan# 1777

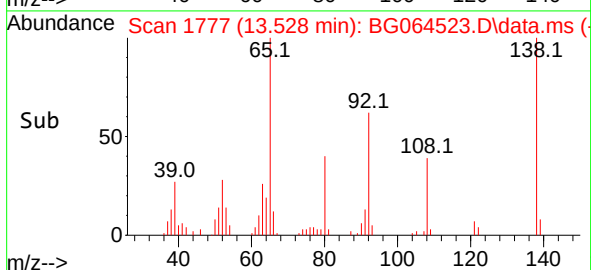
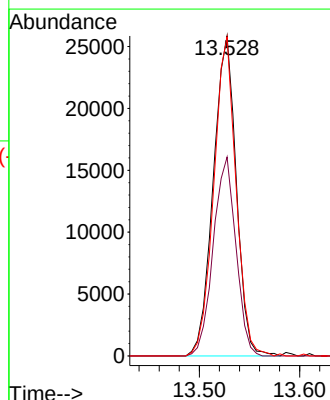
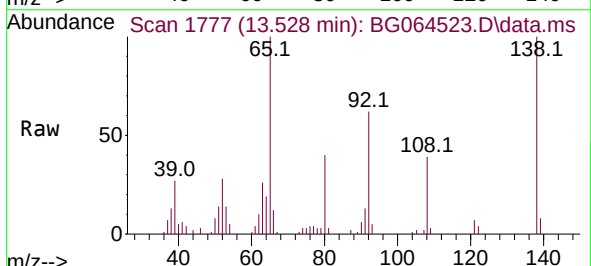
Delta R.T. 0.002 min

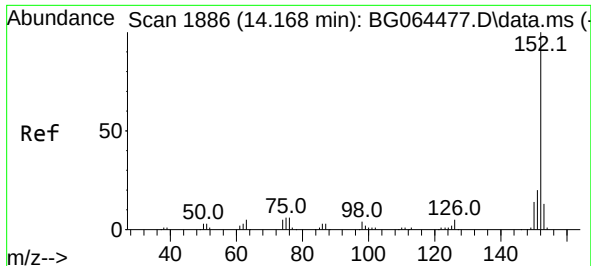
Lab File: BG064523.D

Acq: 16 Oct 2025 19:42

Tgt Ion: 65 Resp: 41184

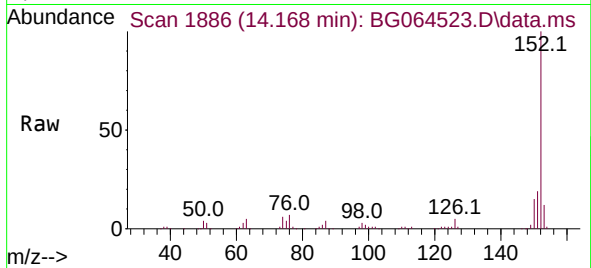
Ion	Ratio	Lower	Upper
65	100		
92	62.1	47.0	70.6
138	99.7	73.5	110.3





#49
Acenaphthylene
Concen: 27.201 ng
RT: 14.168 min Scan# 1886
Delta R.T. -0.004 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

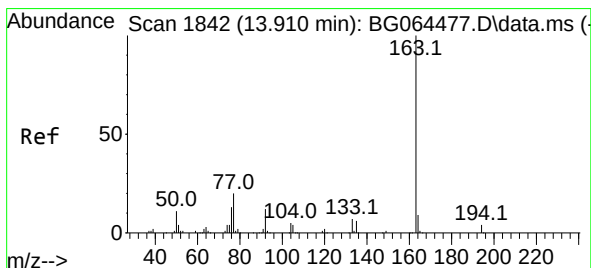
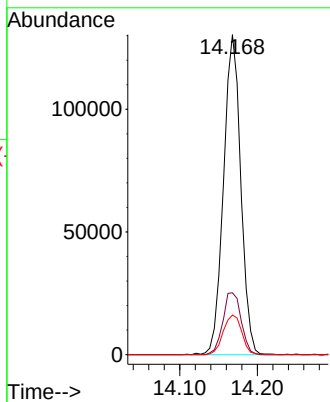
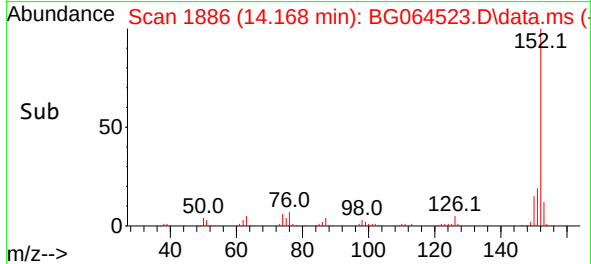
Instrument :
BNA_G
ClientSampleId :
TP-3MS



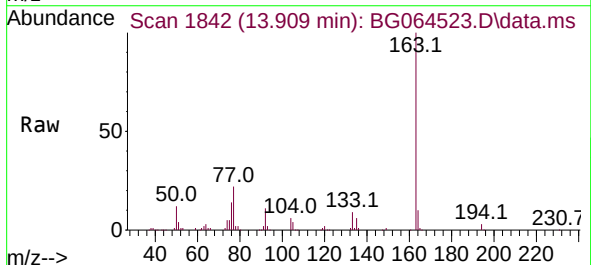
Tgt Ion:152 Resp: 201730
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 12.4 10.6 15.8

Manual Integrations
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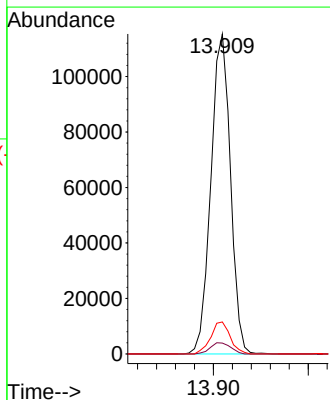
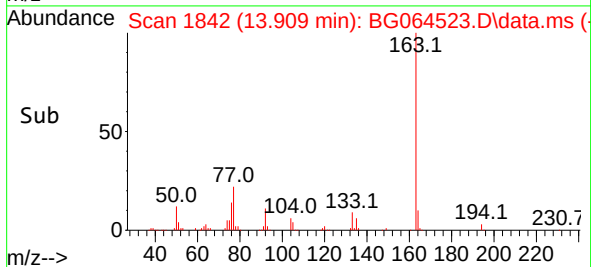
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

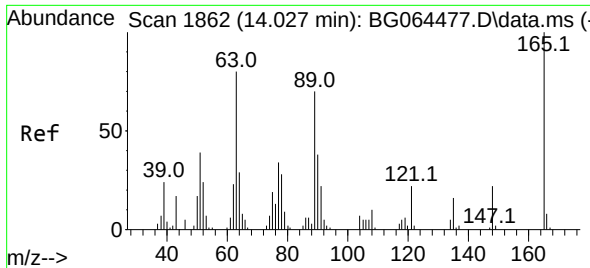


#50
Dimethylphthalate
Concen: 22.652 ng
RT: 13.909 min Scan# 1842
Delta R.T. 0.008 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42



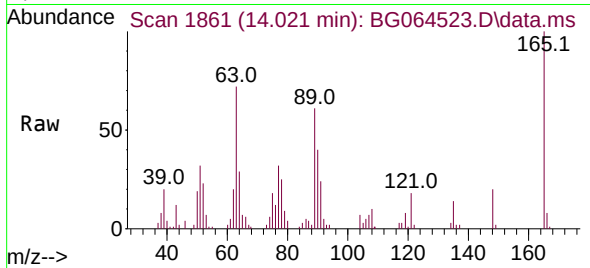
Tgt Ion:163 Resp: 165052
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.0 7.4 11.0





#51
2,6-Dinitrotoluene
Concen: 24.406 ng
RT: 14.021 min Scan# 1861
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

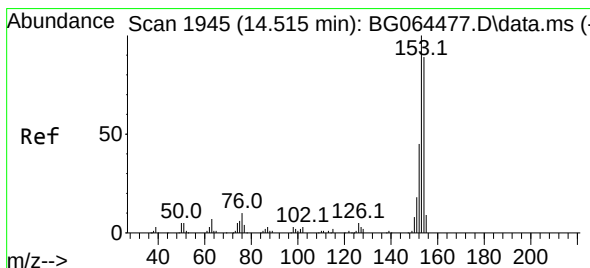
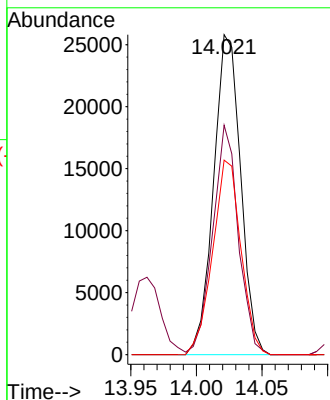
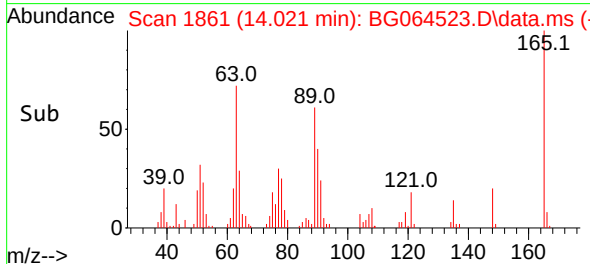
Instrument :
BNA_G
ClientSampleId :
TP-3MS



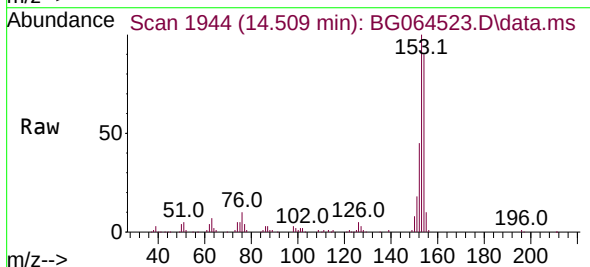
Tgt Ion:165 Resp: 37045
Ion Ratio Lower Upper
165 100
63 71.7 63.9 95.9
89 60.8 56.1 84.1

Manual Integrations
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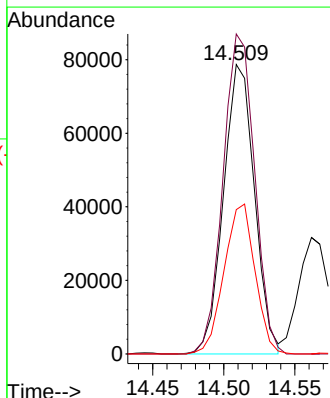
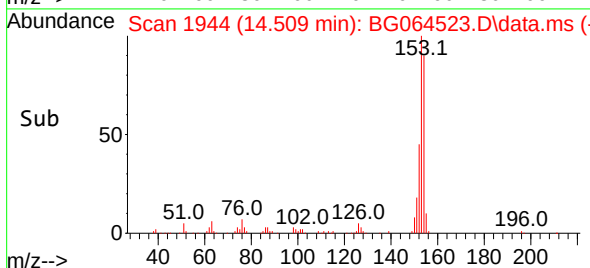
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

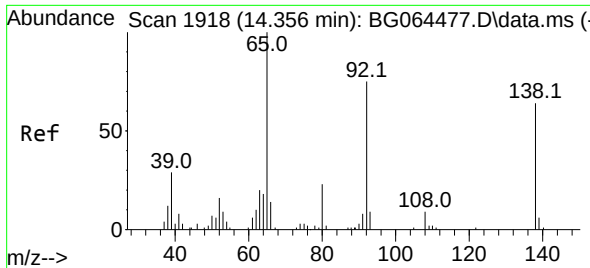


#52
Acenaphthene
Concen: 23.182 ng
RT: 14.509 min Scan# 1944
Delta R.T. -0.004 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42



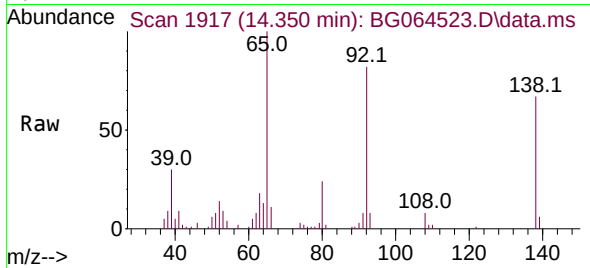
Tgt Ion:154 Resp: 119445
Ion Ratio Lower Upper
154 100
153 110.6 90.2 135.4
152 49.9 40.2 60.4





#53
3-Nitroaniline
Concen: 13.179 ng
RT: 14.350 min Scan# 1918
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

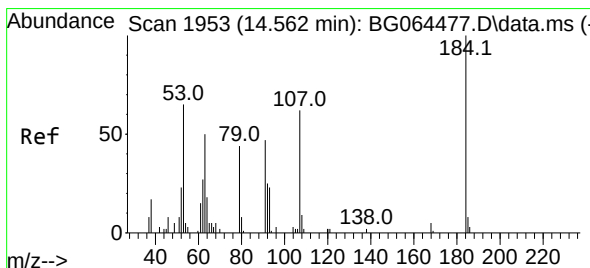
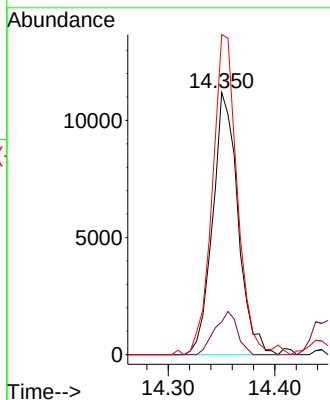
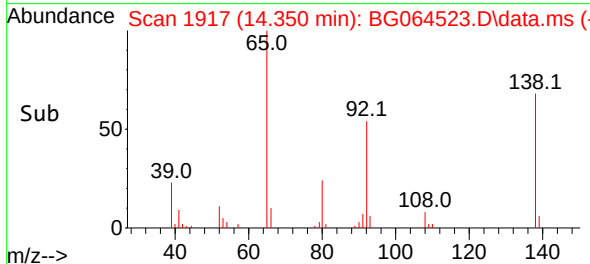
Instrument :
BNA_G
ClientSampleId :
TP-3MS



Tgt Ion:138 Resp: 18449
Ion Ratio Lower Upper
138 100
108 12.5 10.6 15.8
92 122.0 93.2 139.8

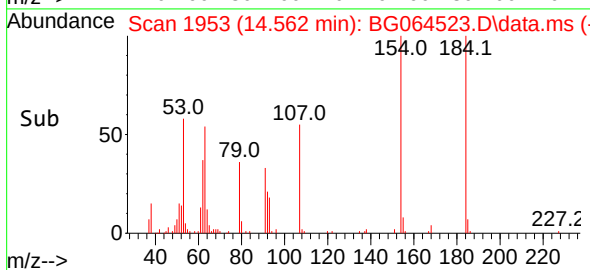
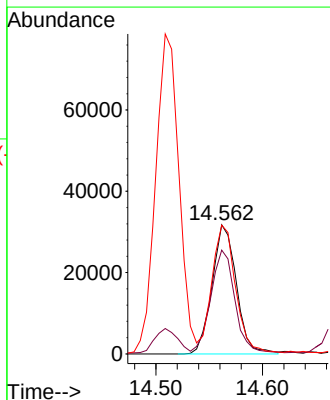
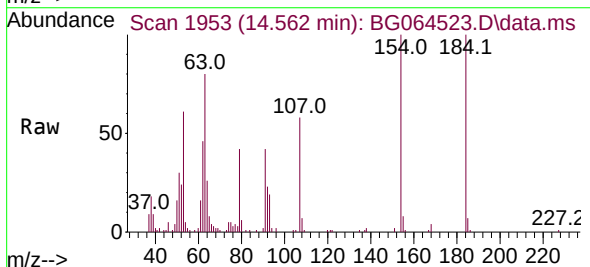
Manual Integrations
APPROVED

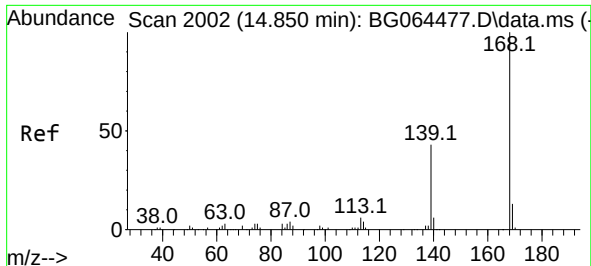
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#54
2,4-Dinitrophenol
Concen: 45.816 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

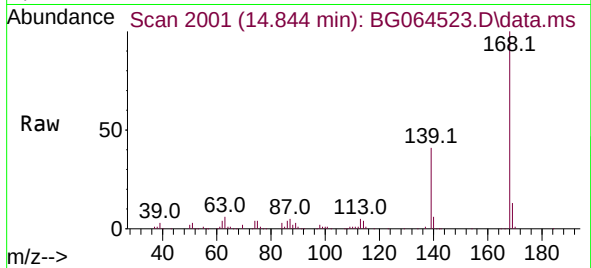
Tgt Ion:184 Resp: 50427
Ion Ratio Lower Upper
184 100
63 80.4 69.0 103.4
154 99.8 95.6 143.4





#55
Dibenzofuran
Concen: 23.800 ng
RT: 14.844 min Scan# 2002
Delta R.T. -0.004 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

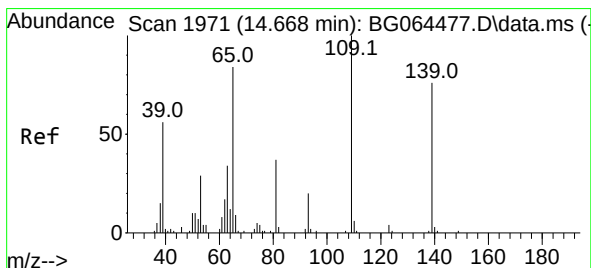
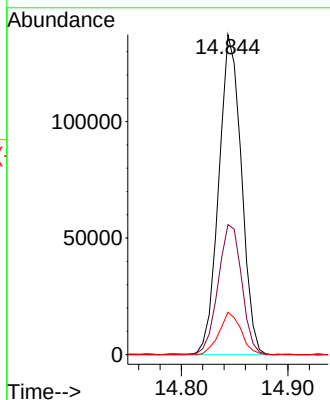
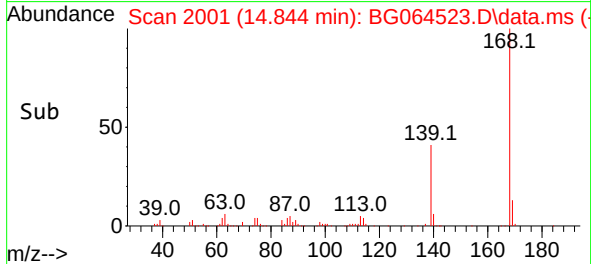
Instrument :
BNA_G
ClientSampleId :
TP-3MS



Tgt Ion:168 Resp: 202473
Ion Ratio Lower Upper
168 100
139 40.6 34.0 51.0
169 13.3 10.2 15.2

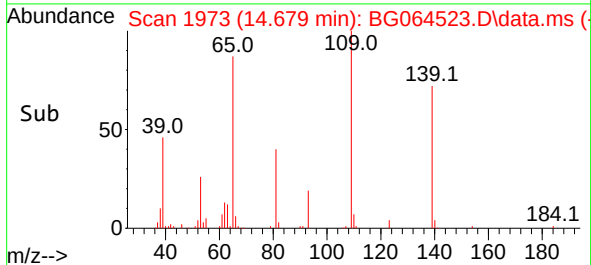
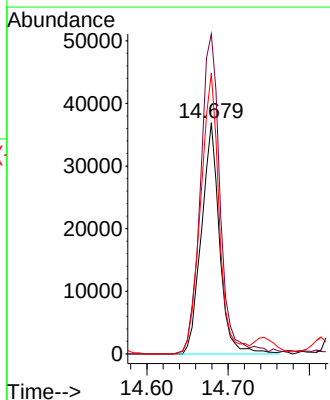
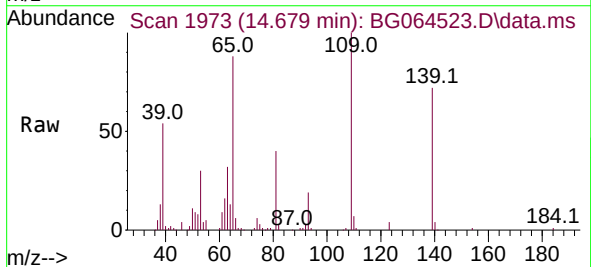
Manual Integrations
APPROVED

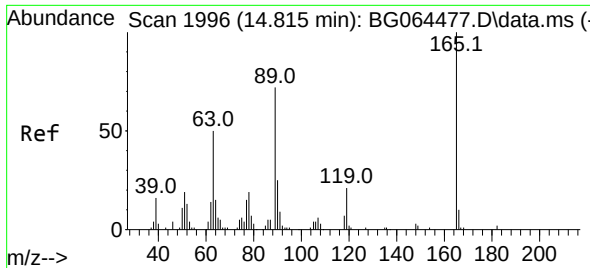
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#56
4-Nitrophenol
Concen: 51.739 ng
RT: 14.679 min Scan# 1973
Delta R.T. 0.014 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Tgt Ion:139 Resp: 57023
Ion Ratio Lower Upper
139 100
109 138.4 111.8 151.8
65 121.4 91.1 131.1





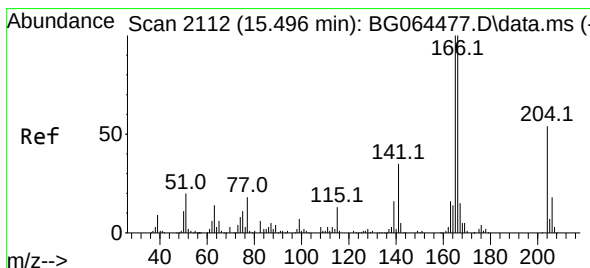
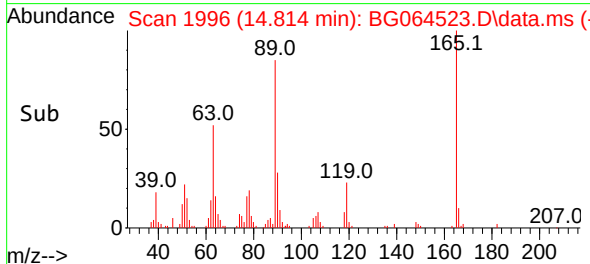
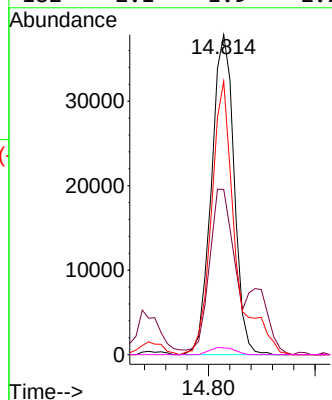
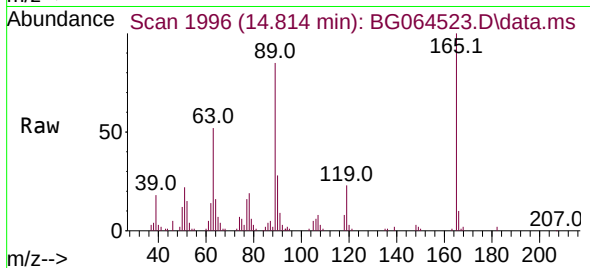
#57
2,4-Dinitrotoluene
Concen: 24.121 ng
RT: 14.814 min Scan# 1996
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Instrument :
BNA_G
ClientSampleId :
TP-3MS

Tgt Ion:165 Resp: 55970
Ion Ratio Lower Upper
165 100
63 51.6 40.4 60.6
89 85.4 57.3 85.9
182 2.1 1.9 2.9

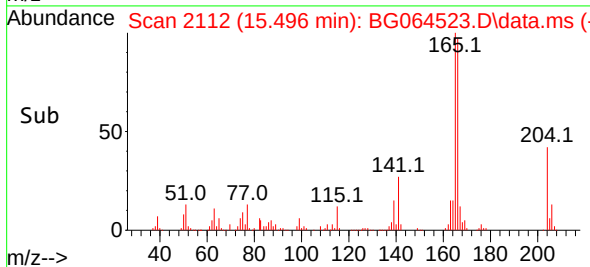
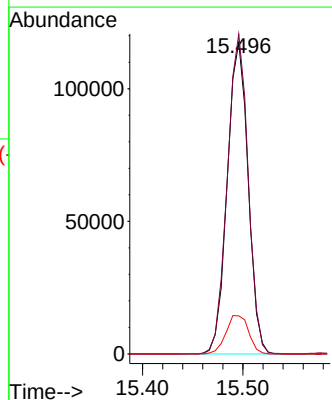
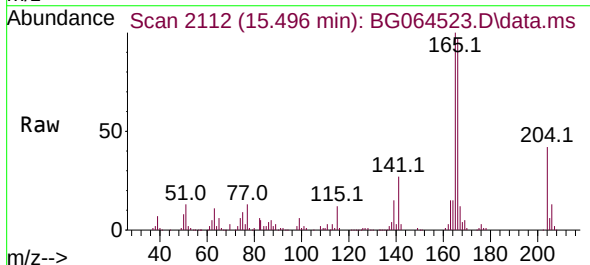
Manual Integrations
APPROVED

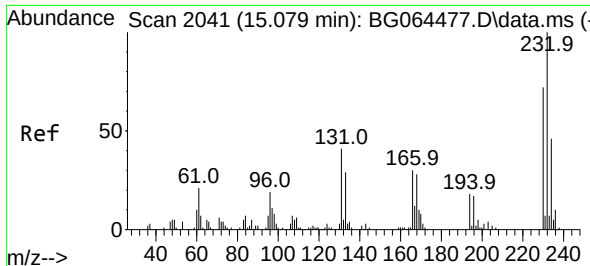
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#58
Fluorene
Concen: 23.947 ng
RT: 15.496 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Tgt Ion:166 Resp: 169371
Ion Ratio Lower Upper
166 100
165 102.8 79.8 119.6
167 12.2 11.7 17.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 25.555 ng
RT: 15.079 min Scan# 2041
Delta R.T. 0.008 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Instrument :

BNA_G

ClientSampleId :

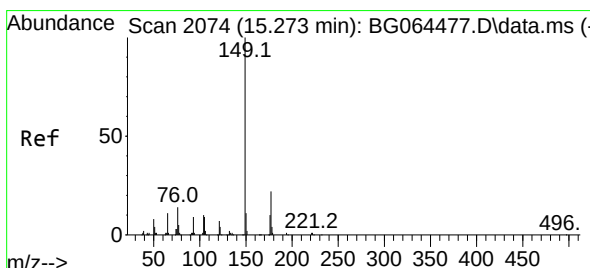
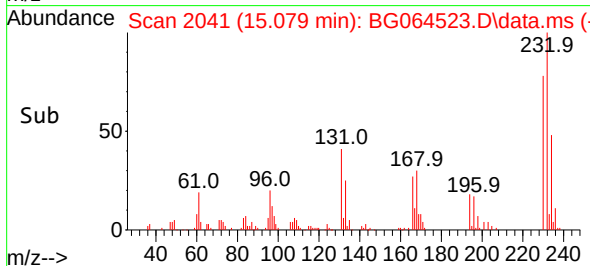
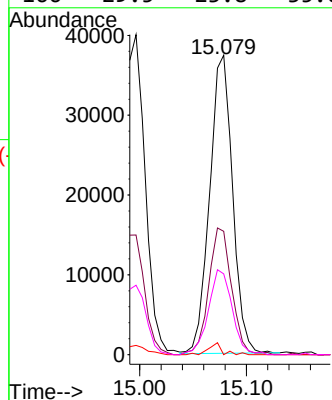
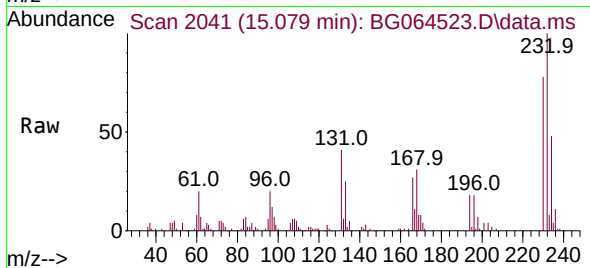
TP-3MS

Tgt Ion:232 Resp: 55912
Ion Ratio Lower Upper
232 100
131 42.4 35.0 52.4
130 2.4 2.0 3.0
166 29.5 23.8 35.6

Manual Integrations

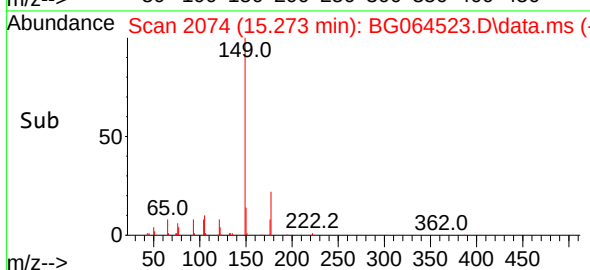
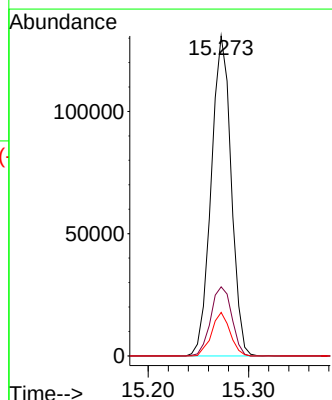
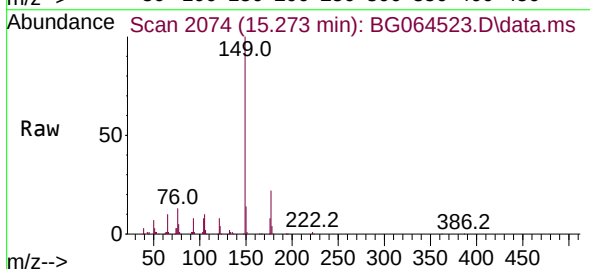
APPROVED

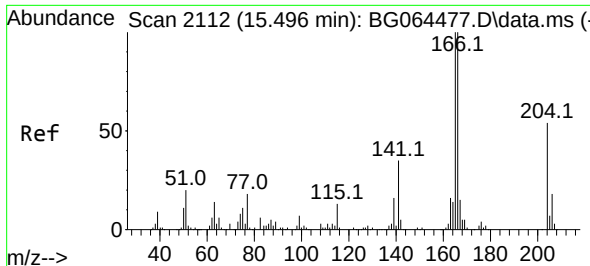
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#60
Diethylphthalate
Concen: 23.145 ng
RT: 15.273 min Scan# 2074
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Tgt Ion:149 Resp: 180920
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 13.6 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 22.925 ng
RT: 15.490 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Instrument :

BNA_G

ClientSampleId :

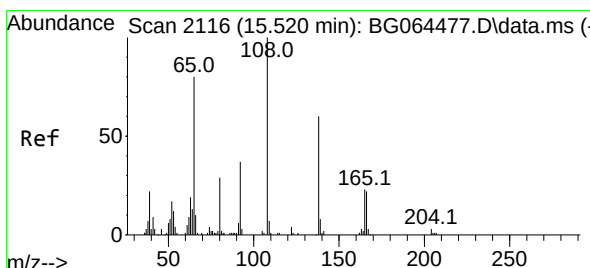
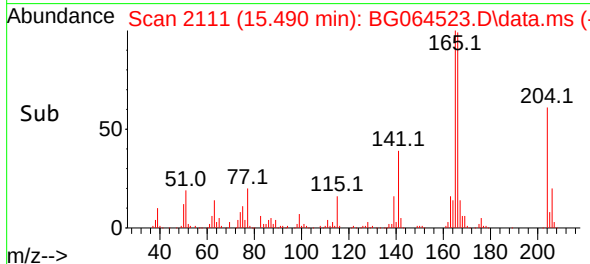
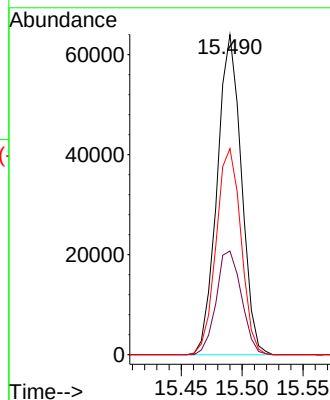
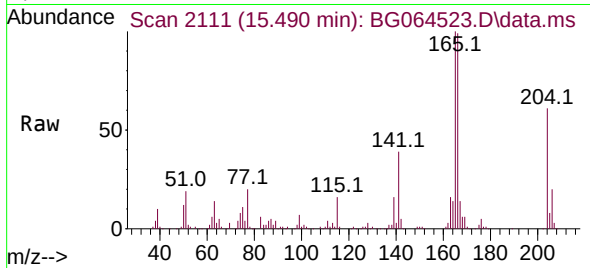
TP-3MS

Tgt Ion:204 Resp: 88520
Ion Ratio Lower Upper
204 100
206 32.4 27.1 40.7
141 64.4 51.5 77.3

Manual Integrations

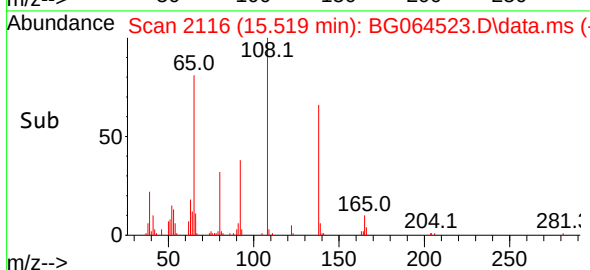
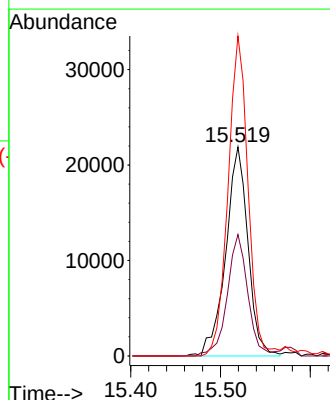
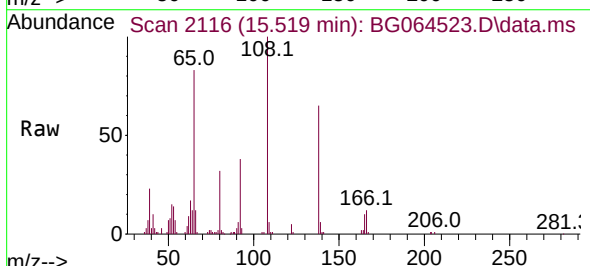
APPROVED

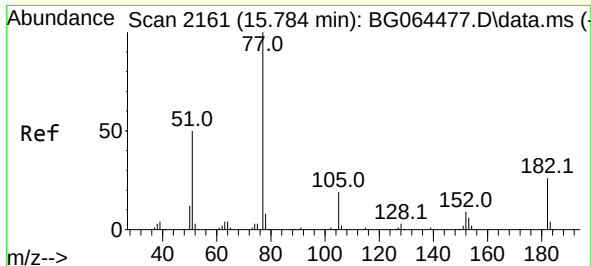
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#62
4-Nitroaniline
Concen: 25.878 ng
RT: 15.519 min Scan# 2116
Delta R.T. 0.008 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

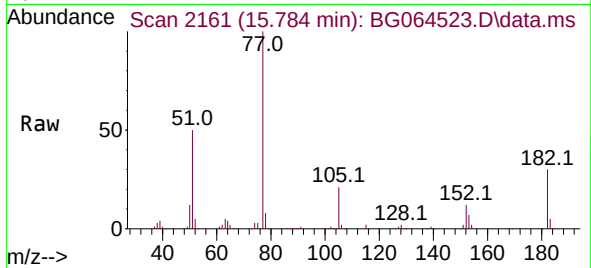
Tgt Ion:138 Resp: 37757
Ion Ratio Lower Upper
138 100
92 58.1 42.3 82.3
108 153.2 147.7 187.7





#63
Azobenzene
Concen: 26.397 ng
RT: 15.784 min Scan# 2161
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

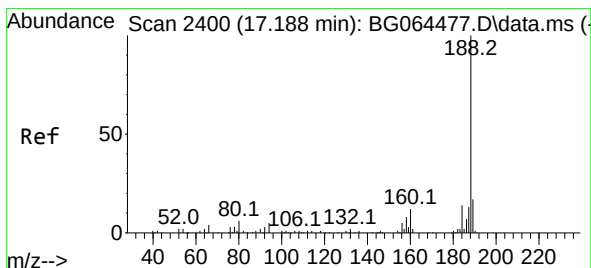
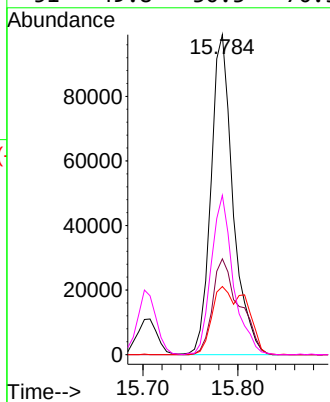
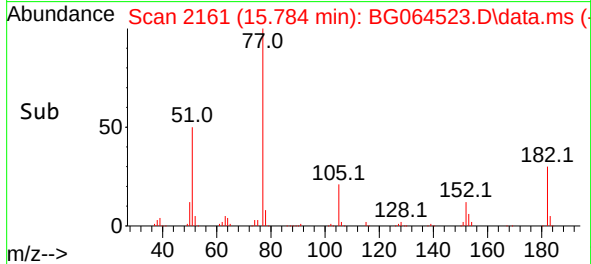
Instrument :
BNA_G
ClientSampleId :
TP-3MS



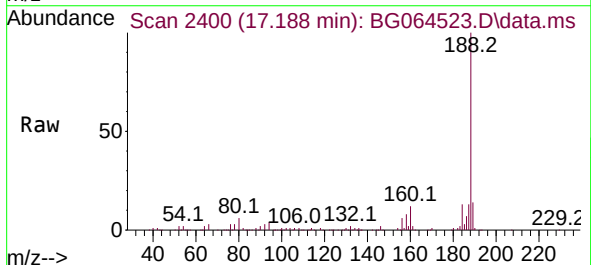
Tgt Ion: 77 Resp: 159801
Ion Ratio Lower Upper
77 100
182 29.9 6.3 46.3
105 21.3 0.0 38.7
51 49.8 30.3 70.3

Manual Integrations
APPROVED

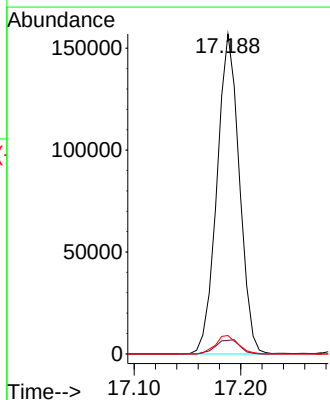
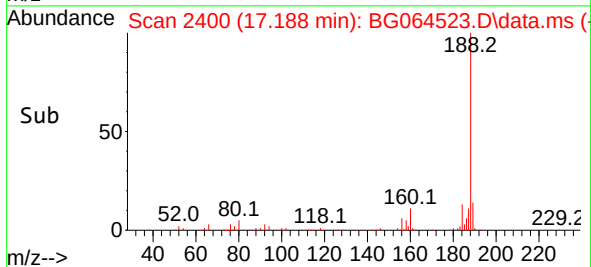
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

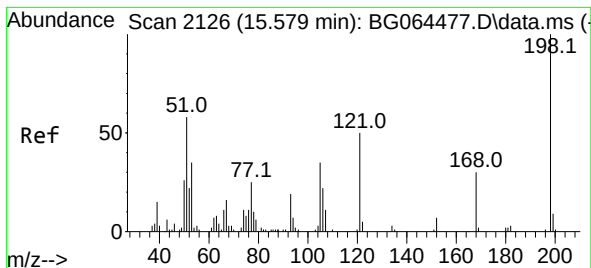


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42



Tgt Ion:188 Resp: 229486
Ion Ratio Lower Upper
188 100
94 4.2 3.7 5.5
80 5.7 4.5 6.7





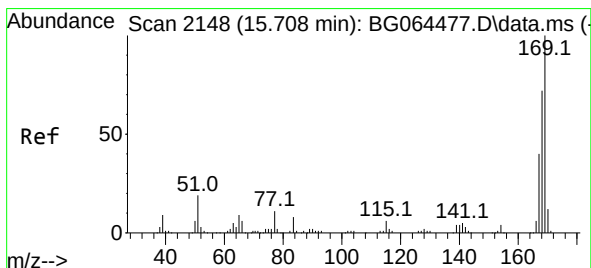
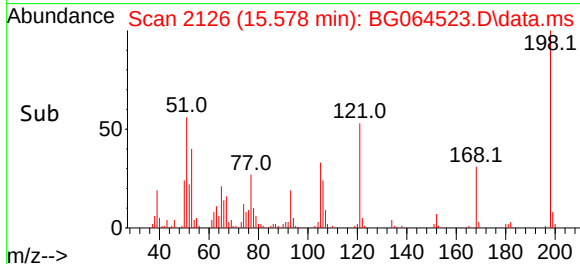
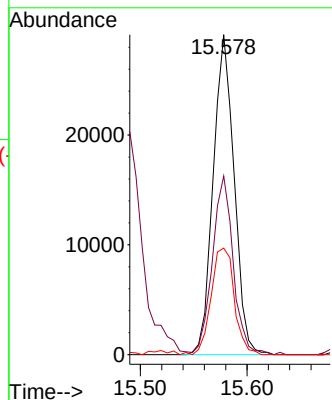
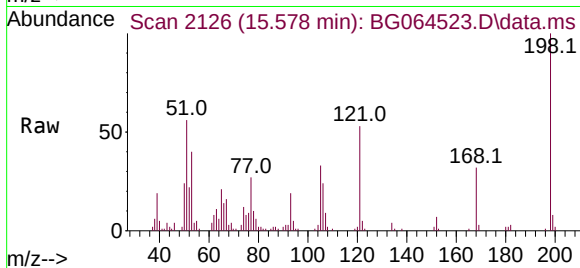
#65
4,6-Dinitro-2-methylphenol
Concen: 24.951 ng
RT: 15.578 min Scan# 2126
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Instrument :
BNA_G
ClientSampleId :
TP-3MS

Tgt Ion:198 Resp: 39862
Ion Ratio Lower Upper
198 100
51 55.8 39.0 79.0
105 33.3 15.8 55.8

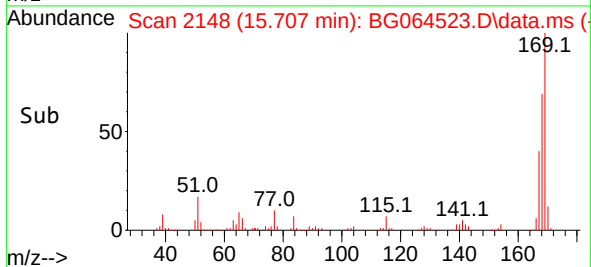
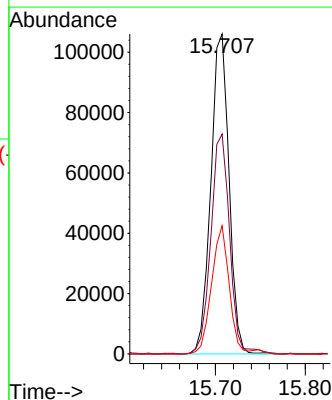
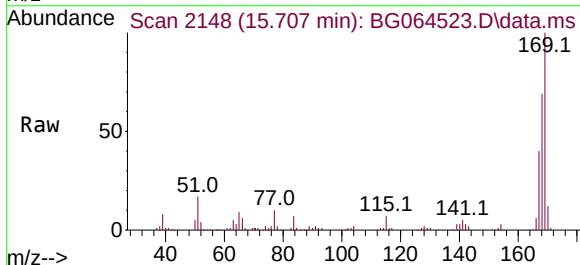
Manual Integrations
APPROVED

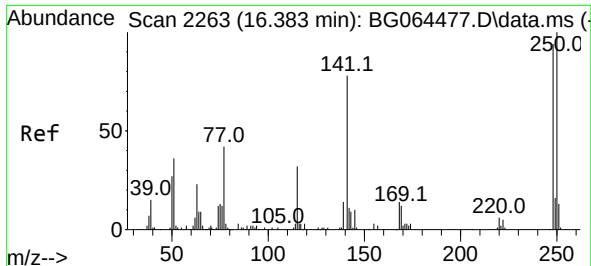
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#66
n-Nitrosodiphenylamine
Concen: 24.310 ng
RT: 15.707 min Scan# 2148
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

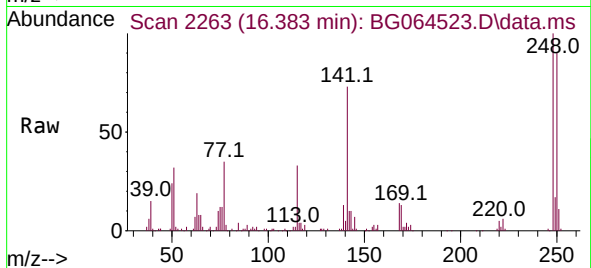
Tgt Ion:169 Resp: 148978
Ion Ratio Lower Upper
169 100
168 68.7 57.8 86.6
167 40.0 31.7 47.5





#67
4-Bromophenyl-phenylether
Concen: 24.162 ng
RT: 16.383 min Scan# 2263
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

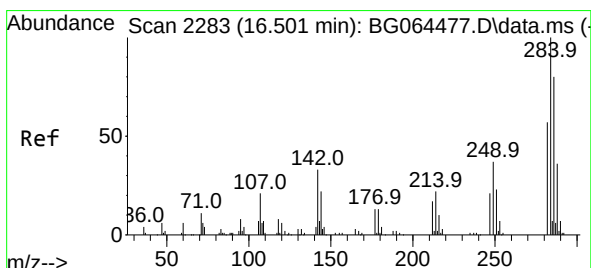
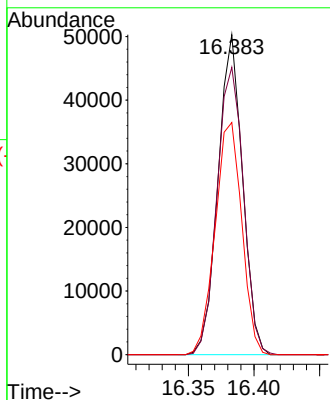
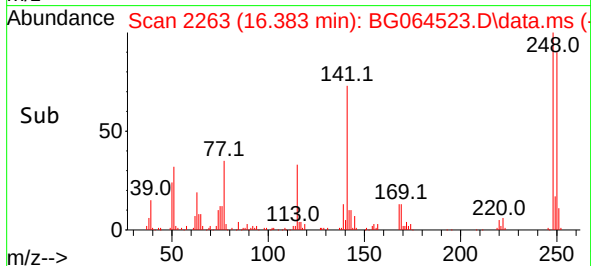
Instrument :
BNA_G
ClientSampleId :
TP-3MS



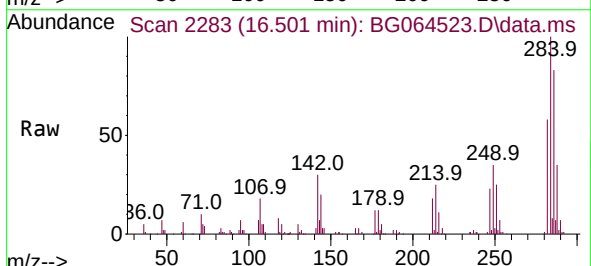
Tgt Ion:248 Resp: 65250
Ion Ratio Lower Upper
248 100
250 89.8 85.3 127.9
141 72.5 66.2 99.2

Manual Integrations
APPROVED

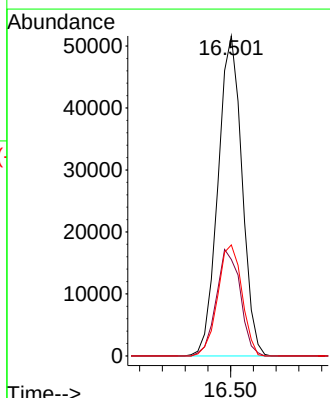
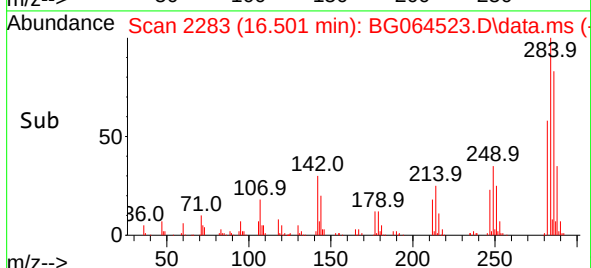
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

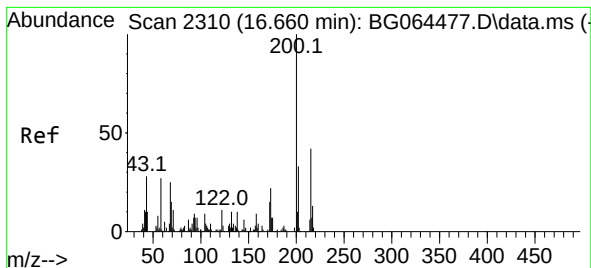


#68
Hexachlorobenzene
Concen: 24.441 ng
RT: 16.501 min Scan# 2283
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42



Tgt Ion:284 Resp: 75527
Ion Ratio Lower Upper
284 100
142 30.1 26.2 39.2
249 34.7 29.4 44.0





#69

Atrazine

Concen: 26.680 ng

RT: 16.659 min Scan# 2310

Delta R.T. 0.008 min

Lab File: BG064523.D

Acq: 16 Oct 2025 19:42

Instrument :

BNA_G

ClientSampleId :

TP-3MS

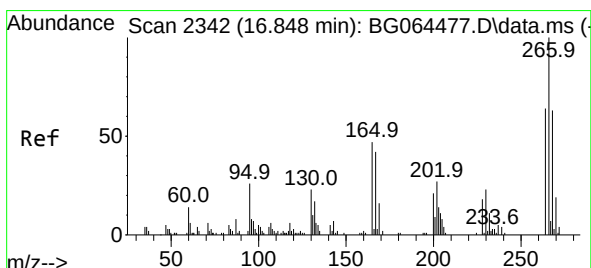
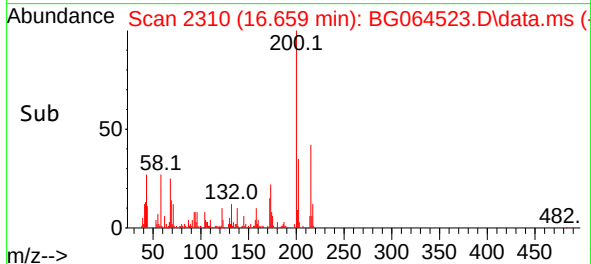
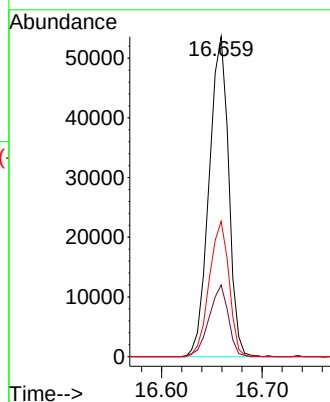
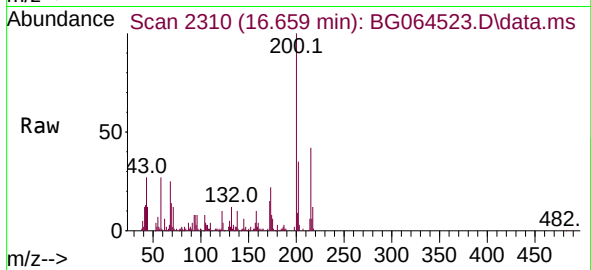
Tgt Ion:200 Resp: 72741
 Ion Ratio Lower Upper
 200 100
 173 22.4 2.5 42.5
 215 42.3 21.5 61.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/17/2025

Supervised By :Jagrut Upadhyay 10/17/2025



#70

Pentachlorophenol

Concen: 55.359 ng

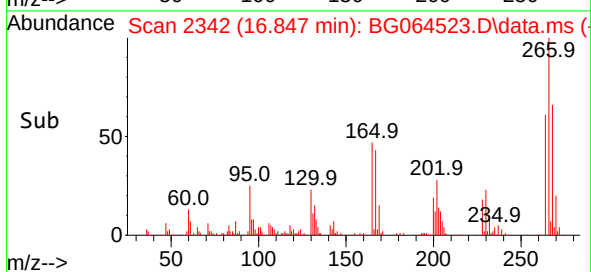
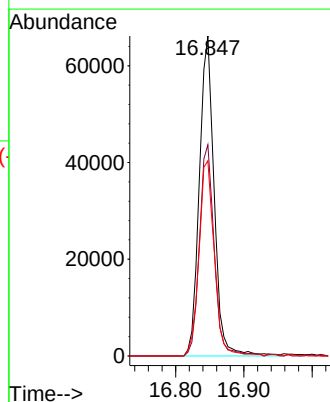
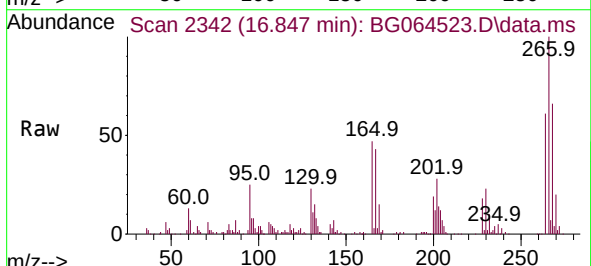
RT: 16.847 min Scan# 2342

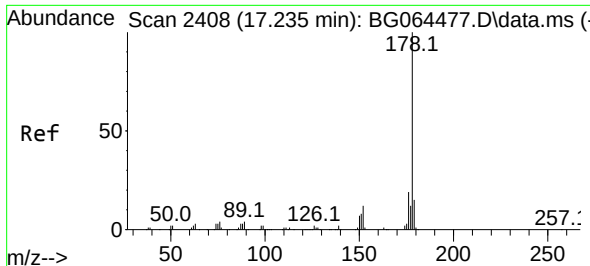
Delta R.T. 0.002 min

Lab File: BG064523.D

Acq: 16 Oct 2025 19:42

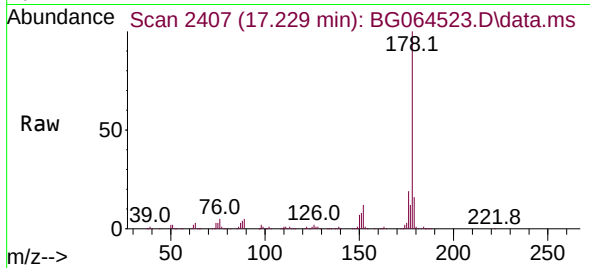
Tgt Ion:266 Resp: 100022
 Ion Ratio Lower Upper
 266 100
 268 66.0 50.6 75.8
 264 61.0 51.2 76.8





#71
Phenanthrene
Concen: 25.790 ng
RT: 17.229 min Scan# 2408
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

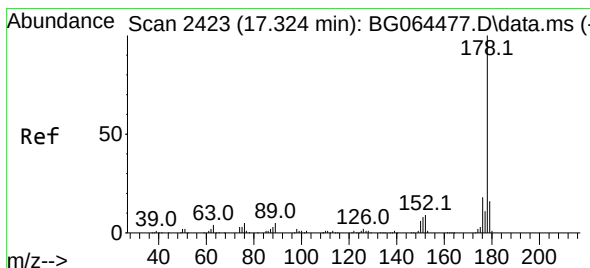
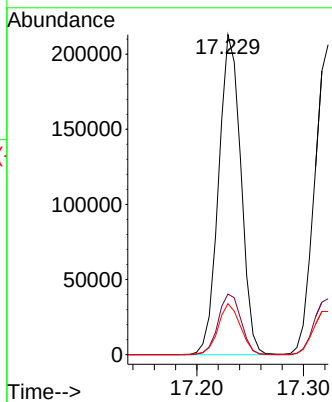
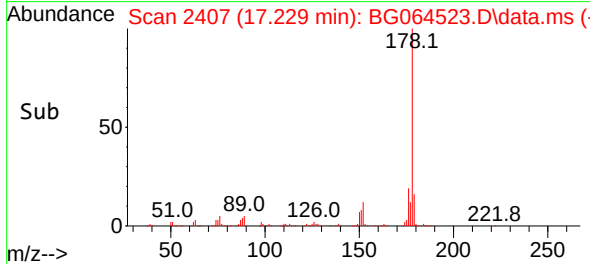
Instrument :
BNA_G
ClientSampleId :
TP-3MS



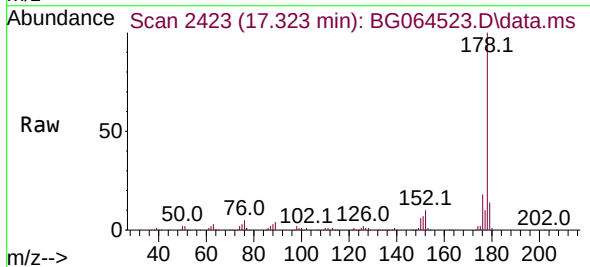
Tgt Ion:178 Resp: 309513
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.9 11.8 17.6

Manual Integrations
APPROVED

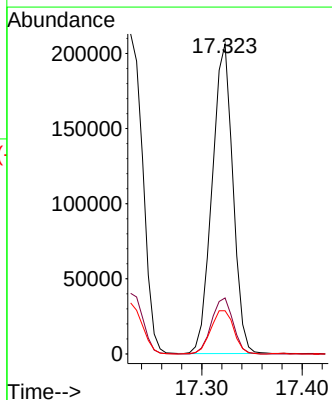
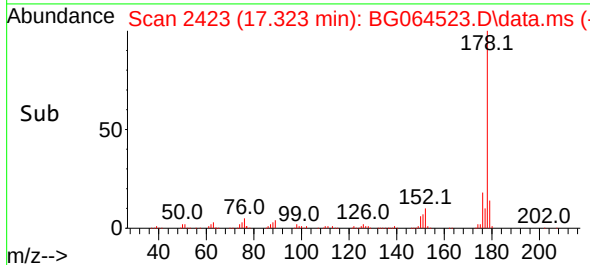
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

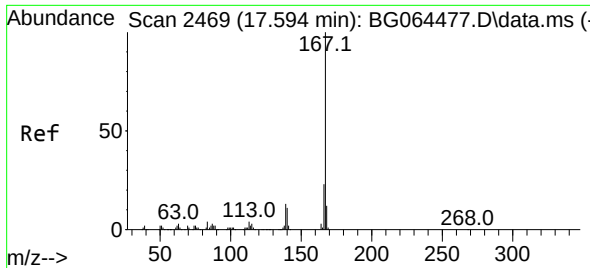


#72
Anthracene
Concen: 24.669 ng
RT: 17.323 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42



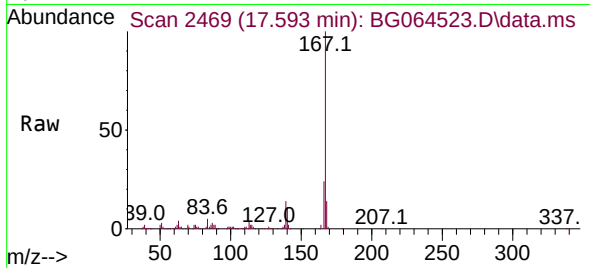
Tgt Ion:178 Resp: 297005
Ion Ratio Lower Upper
178 100
176 18.1 14.6 21.8
179 13.9 12.5 18.7





#73
 Carbazole
 Concen: 25.898 ng
 RT: 17.593 min Scan# 2469
 Delta R.T. 0.002 min
 Lab File: BG064523.D
 Acq: 16 Oct 2025 19:42

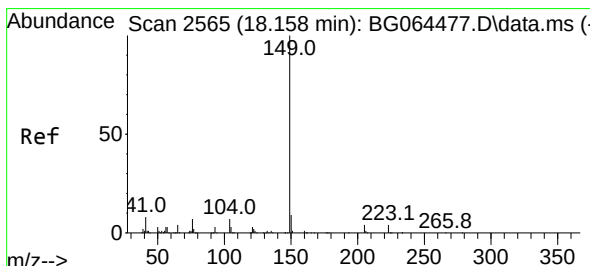
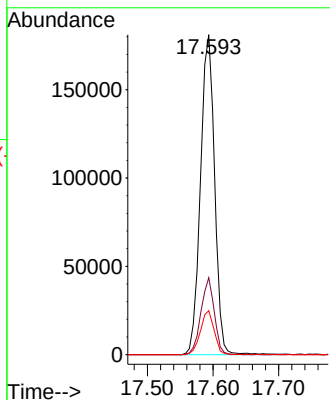
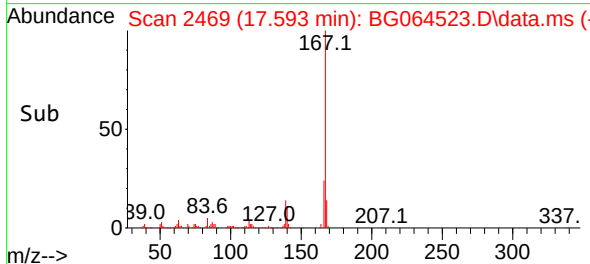
Instrument :
 BNA_G
 ClientSampleId :
 TP-3MS



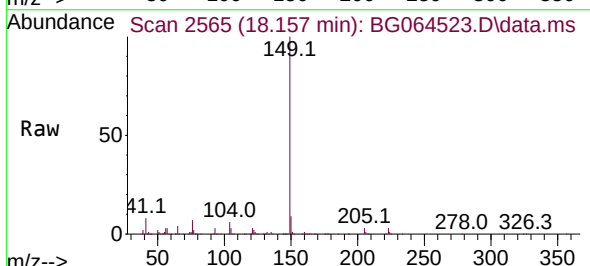
Tgt Ion:167 Resp: 269510
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.6 27.8
 139 13.7 10.2 15.4

Manual Integrations
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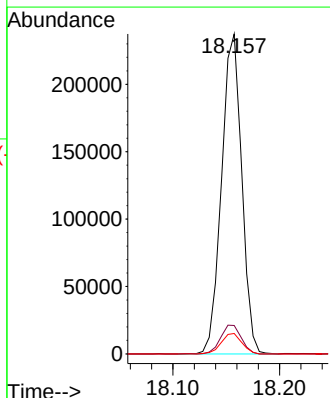
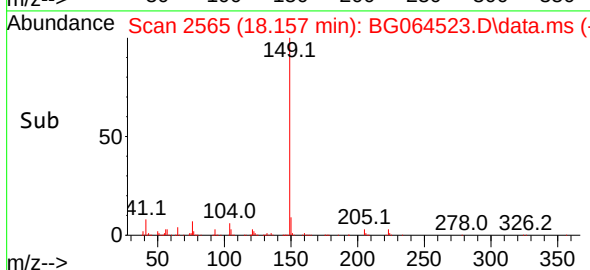
Reviewed By :Rahul Chavli 10/17/2025
 Supervised By :Jagrut Upadhyay 10/17/2025

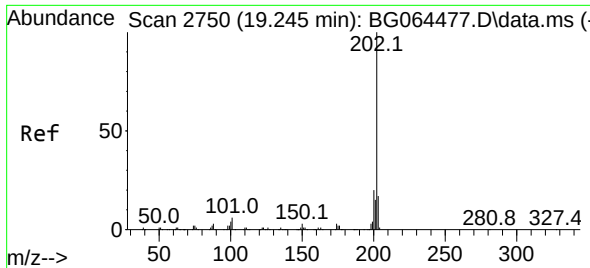


#74
 Di-n-butylphthalate
 Concen: 24.609 ng
 RT: 18.157 min Scan# 2565
 Delta R.T. 0.002 min
 Lab File: BG064523.D
 Acq: 16 Oct 2025 19:42



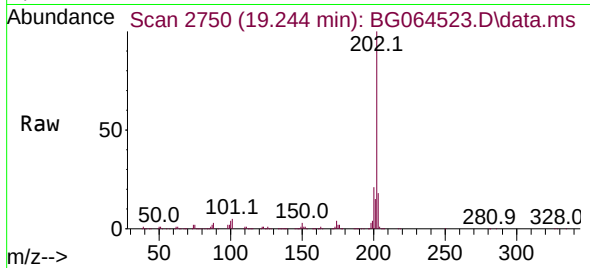
Tgt Ion:149 Resp: 312628
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 6.4 5.3 7.9





#75
Fluoranthene
Concen: 30.111 ng
RT: 19.244 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

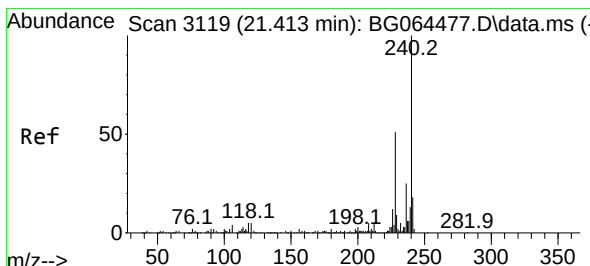
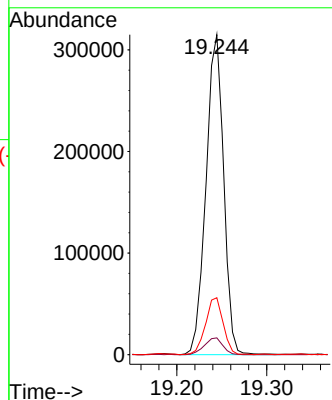
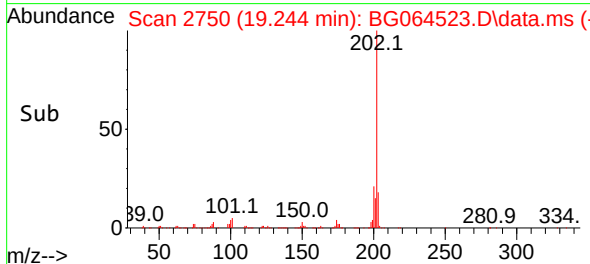
Instrument :
BNA_G
ClientSampleId :
TP-3MS



Tgt Ion:202 Resp: 431708
Ion Ratio Lower Upper
202 100
101 5.2 0.0 25.7
203 17.8 0.0 36.6

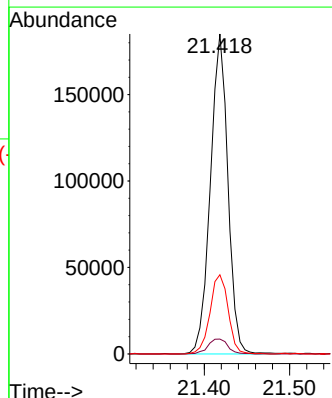
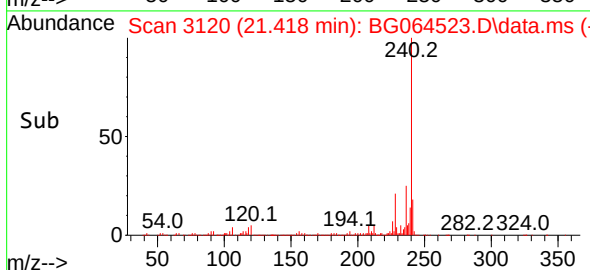
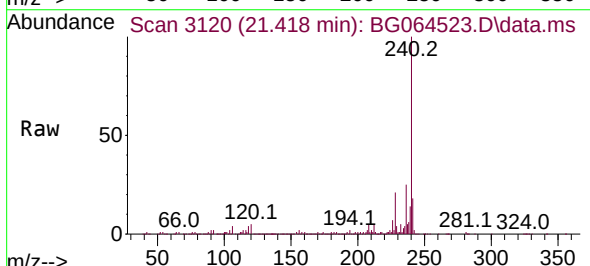
Manual Integrations
APPROVED

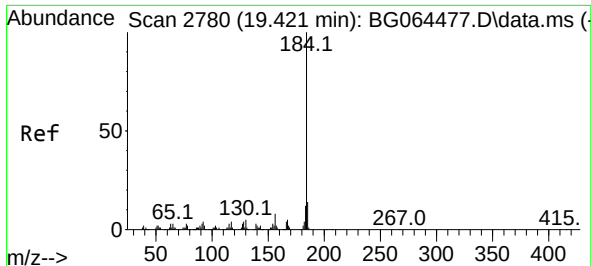
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.418 min Scan# 3120
Delta R.T. 0.008 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

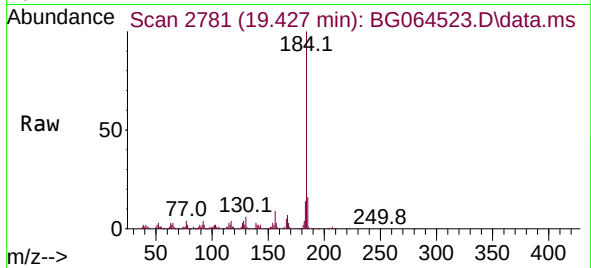
Tgt Ion:240 Resp: 263808
Ion Ratio Lower Upper
240 100
120 4.7 4.3 6.5
236 24.7 20.4 30.6





#77
Benzidine
Concen: 16.954 ng
RT: 19.427 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

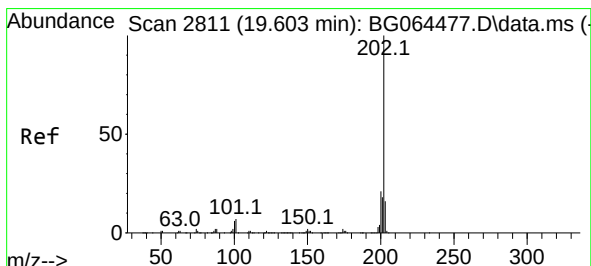
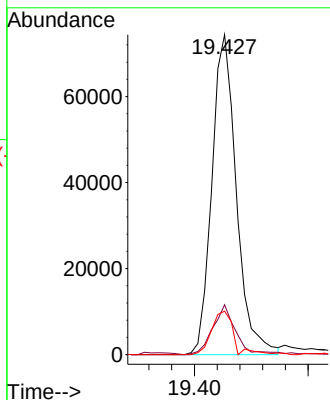
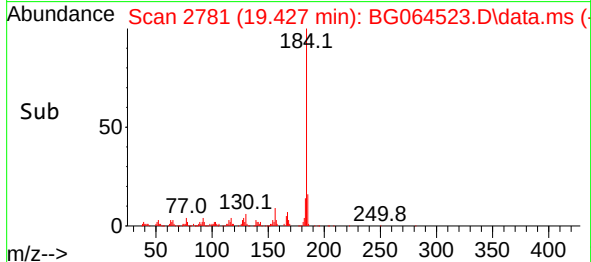
Instrument :
BNA_G
ClientSampleId :
TP-3MS



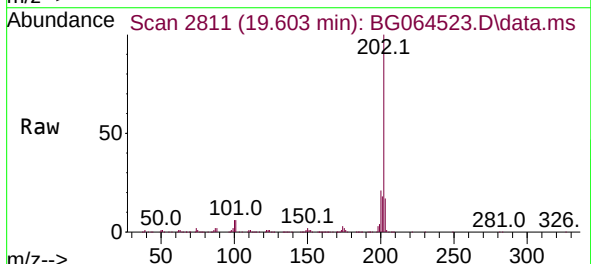
Tgt Ion:184 Resp: 111294
Ion Ratio Lower Upper
184 100
185 15.6 10.9 16.3
183 13.6 9.8 14.6

Manual Integrations
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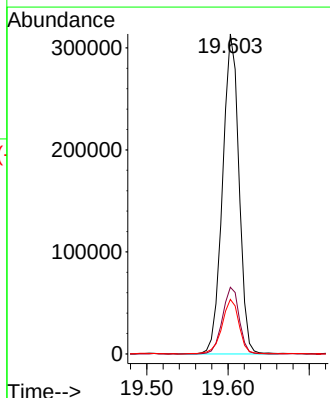
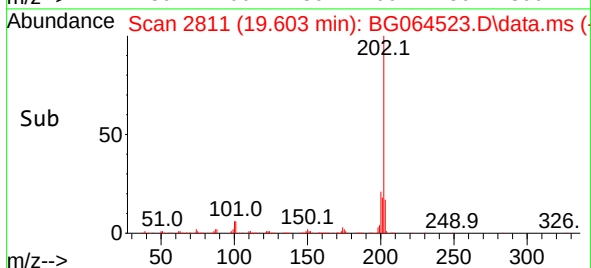
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

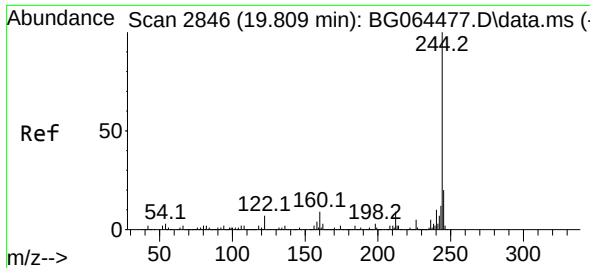


#78
Pyrene
Concen: 25.626 ng
RT: 19.603 min Scan# 2811
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42



Tgt Ion:202 Resp: 438717
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 17.1 13.0 19.4





#79
 Terphenyl-d14
 Concen: 32.038 ng
 RT: 19.808 min Scan# 2846
 Delta R.T. 0.002 min
 Lab File: BG064523.D
 Acq: 16 Oct 2025 19:42

Instrument :

BNA_G

ClientSampleId :

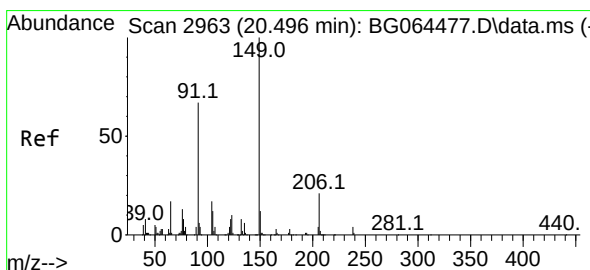
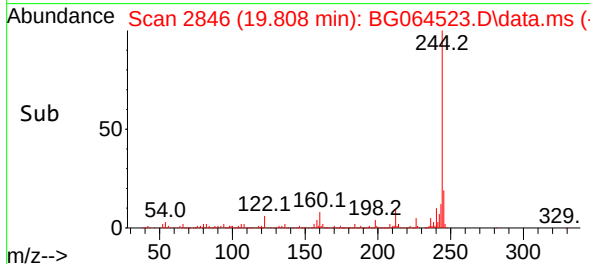
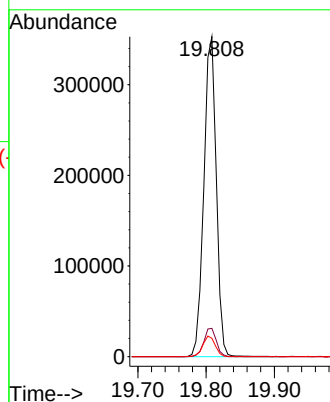
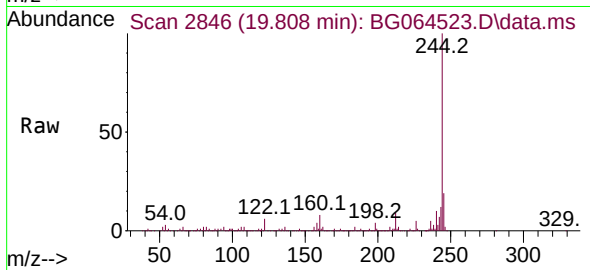
TP-3MS

Tgt Ion:244 Resp: 446599
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.0 10.6
 122 5.7 5.6 8.4

Manual Integrations

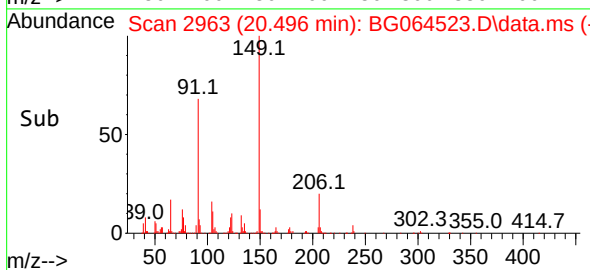
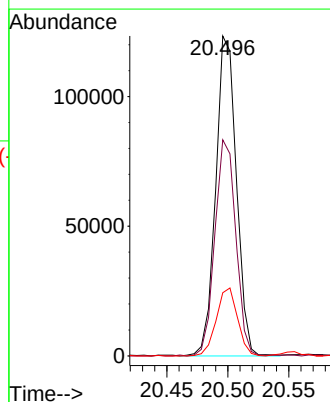
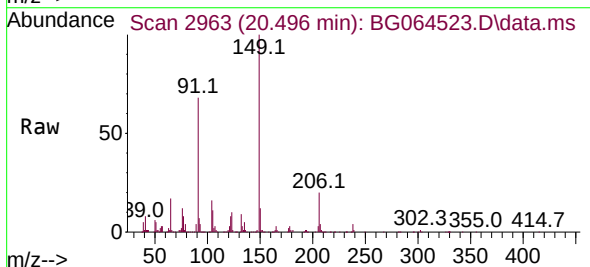
APPROVED

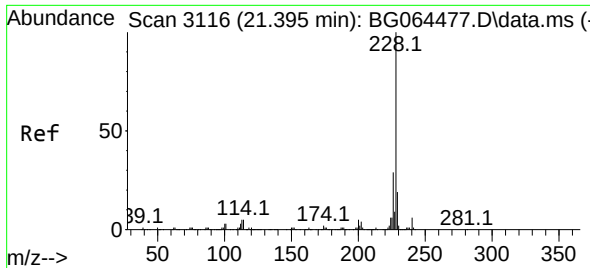
Reviewed By :Rahul Chavli 10/17/2025
 Supervised By :Jagrut Upadhyay 10/17/2025



#80
 Butylbenzylphthalate
 Concen: 24.018 ng
 RT: 20.496 min Scan# 2963
 Delta R.T. -0.004 min
 Lab File: BG064523.D
 Acq: 16 Oct 2025 19:42

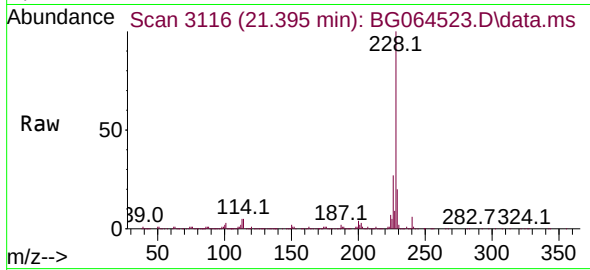
Tgt Ion:149 Resp: 145768
 Ion Ratio Lower Upper
 149 100
 91 67.5 53.7 80.5
 206 19.7 16.6 24.8





#81
Benzo(a)anthracene
Concen: 26.590 ng
RT: 21.395 min Scan# 3116
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

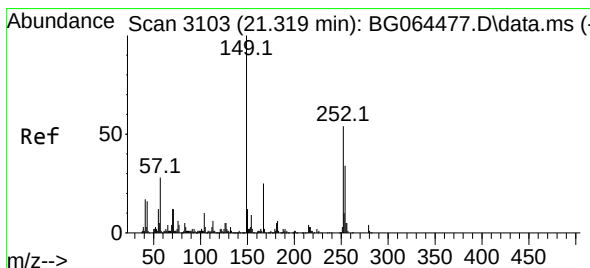
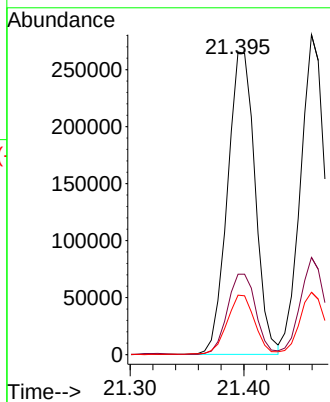
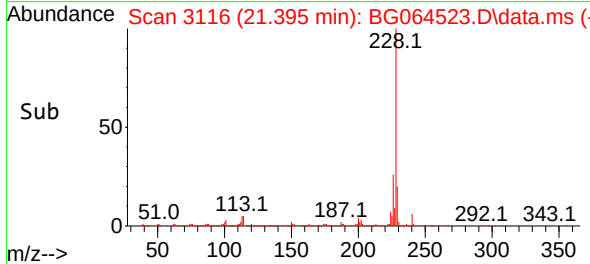
Instrument :
BNA_G
ClientSampleId :
TP-3MS



Tgt Ion:228 Resp: 447886
Ion Ratio Lower Upper
228 100
226 26.6 22.8 34.2
229 19.6 15.2 22.8

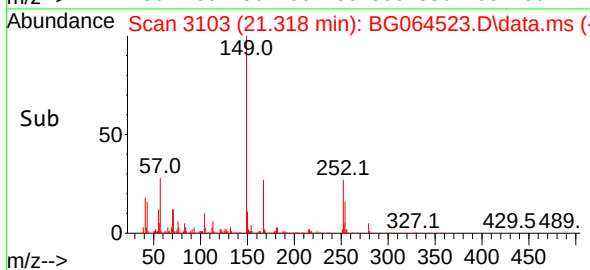
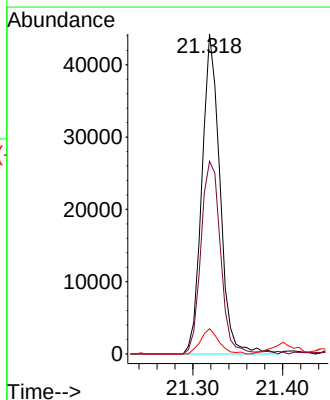
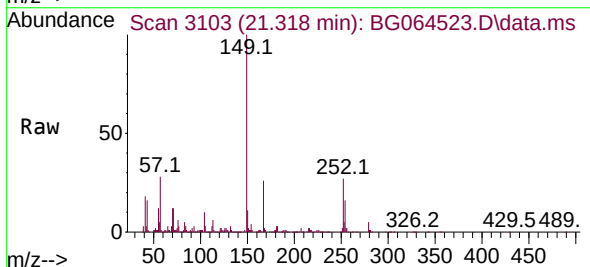
Manual Integrations
APPROVED

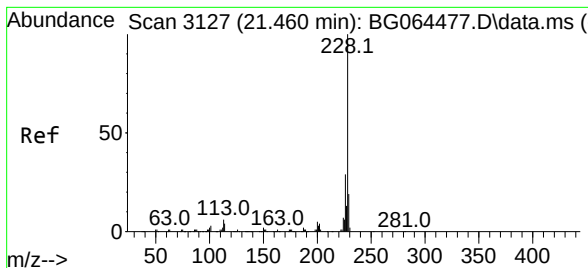
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#82
3,3'-Dichlorobenzidine
Concen: 10.858 ng
RT: 21.318 min Scan# 3103
Delta R.T. 0.002 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Tgt Ion:252 Resp: 61905
Ion Ratio Lower Upper
252 100
254 60.2 50.5 75.7
126 7.9 7.1 10.7





#83

Chrysene

Concen: 25.769 ng

RT: 21.459 min Scan# 3127

Delta R.T. 0.008 min

Lab File: BG064523.D

Acq: 16 Oct 2025 19:42

Instrument :

BNA_G

ClientSampleId :

TP-3MS

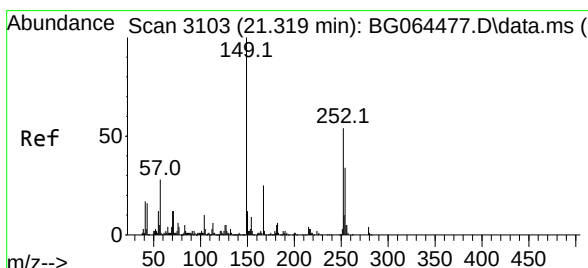
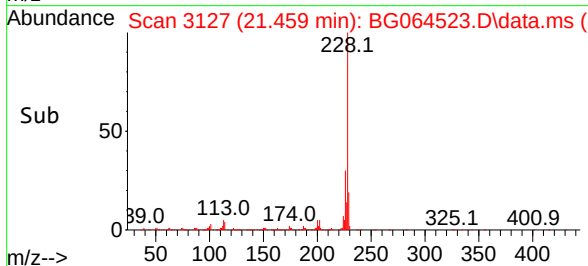
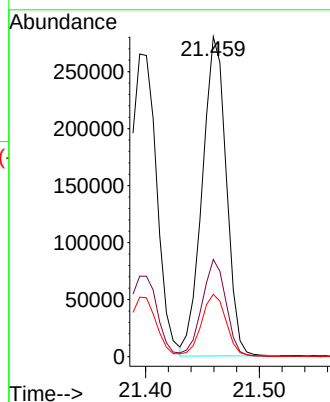
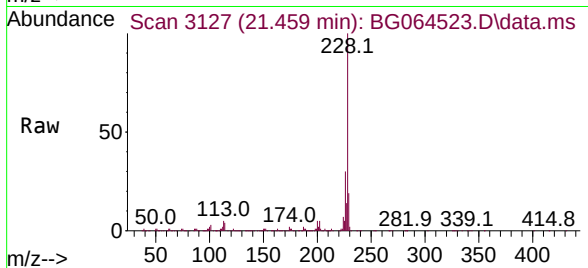
Tgt Ion:228 Resp: 411641
 Ion Ratio Lower Upper
 228 100
 226 30.4 22.8 34.2
 229 19.5 15.4 23.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/17/2025

Supervised By :Jagrut Upadhyay 10/17/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 24.387 ng

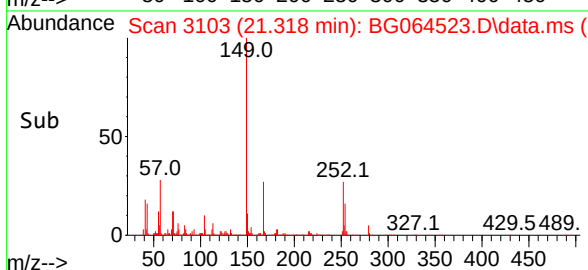
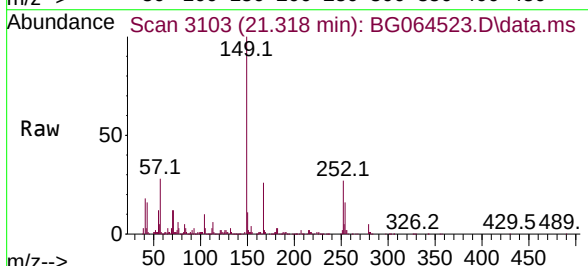
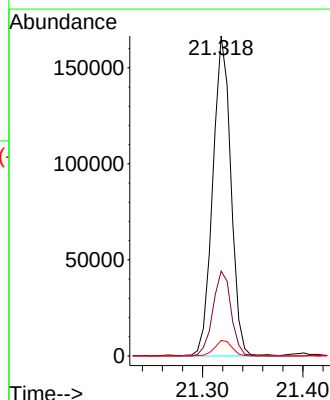
RT: 21.318 min Scan# 3103

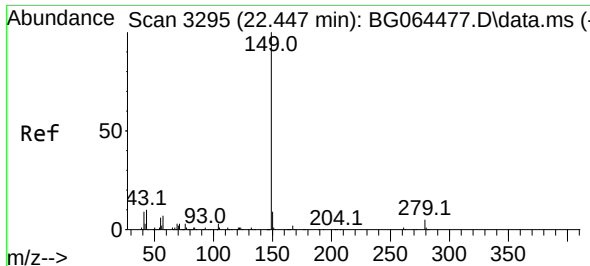
Delta R.T. 0.002 min

Lab File: BG064523.D

Acq: 16 Oct 2025 19:42

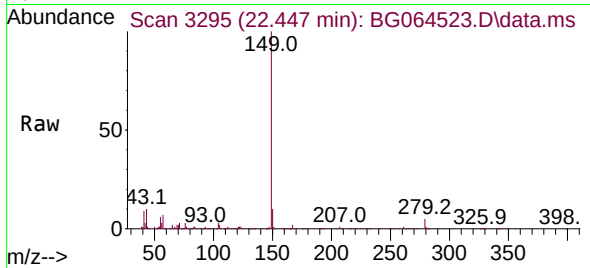
Tgt Ion:149 Resp: 208827
 Ion Ratio Lower Upper
 149 100
 167 26.5 19.7 29.5
 279 4.8 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 25.042 ng
RT: 22.447 min Scan# 3295
Delta R.T. 0.008 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

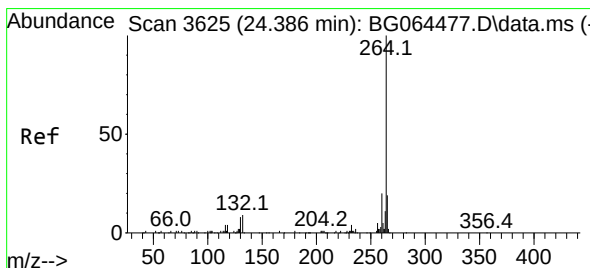
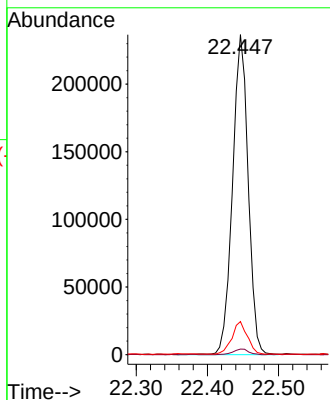
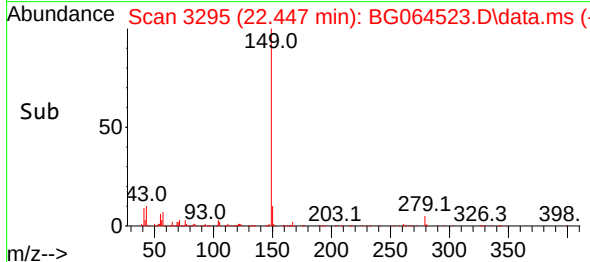
Instrument :
BNA_G
ClientSampleId :
TP-3MS



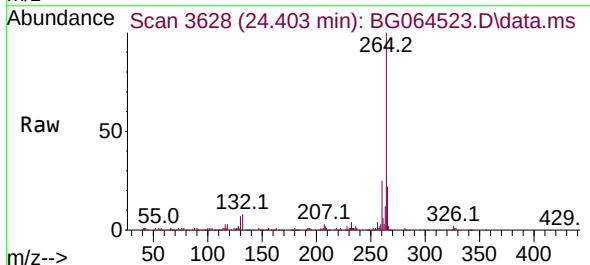
Tgt Ion:149 Resp: 360390
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.1 7.9 11.9

Manual Integrations
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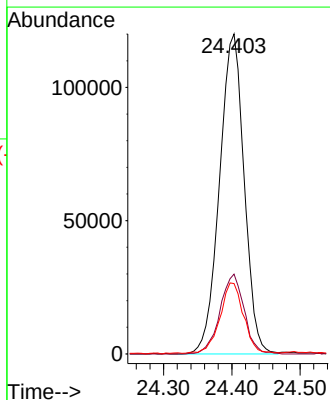
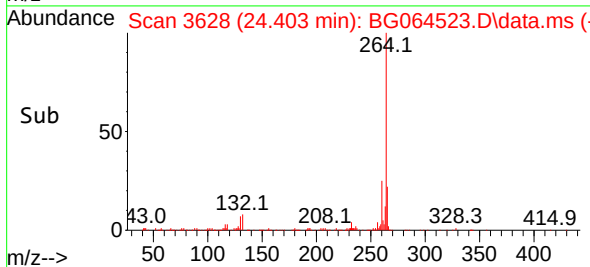
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

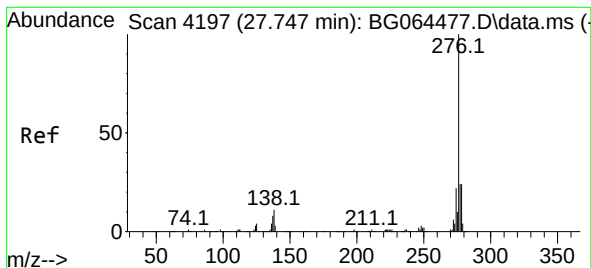


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3628
Delta R.T. 0.014 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42



Tgt Ion:264 Resp: 299800
Ion Ratio Lower Upper
264 100
260 24.9 16.2 24.4#
265 22.0 15.0 22.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 25.743 ng

RT: 27.764 min Scan# 4197

Delta R.T. 0.031 min

Lab File: BG064523.D

Acq: 16 Oct 2025 19:42

Instrument :

BNA_G

ClientSampleId :

TP-3MS

Tgt Ion:276 Resp: 537203

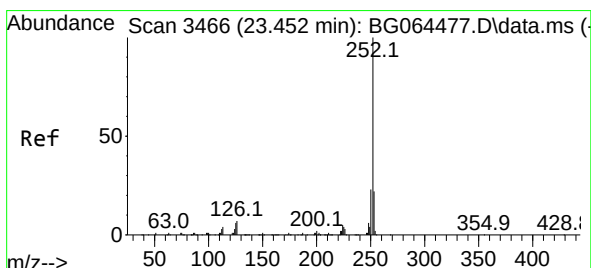
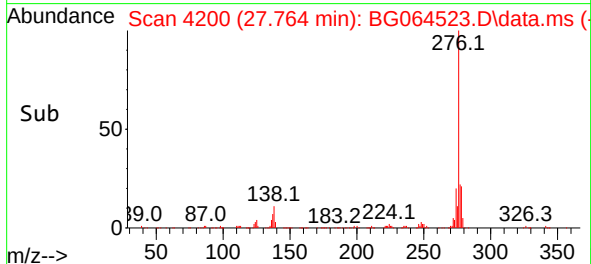
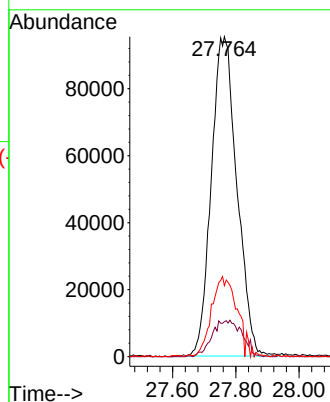
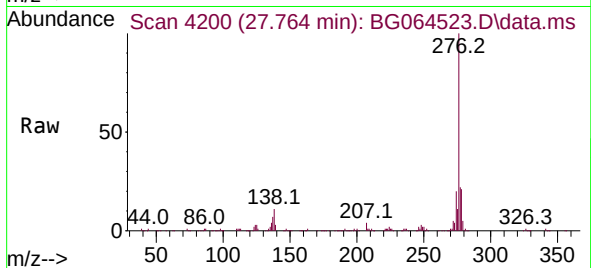
Ion	Ratio	Lower	Upper
276	100		
138	0.0	10.8	16.2
277	23.8	20.3	30.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/17/2025

Supervised By :Jagrut Upadhyay 10/17/2025



#88

Benzo(b)fluoranthene

Concen: 27.540 ng

RT: 23.463 min Scan# 3468

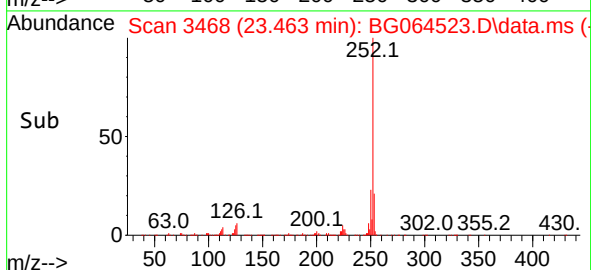
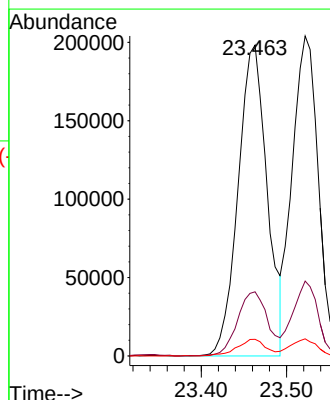
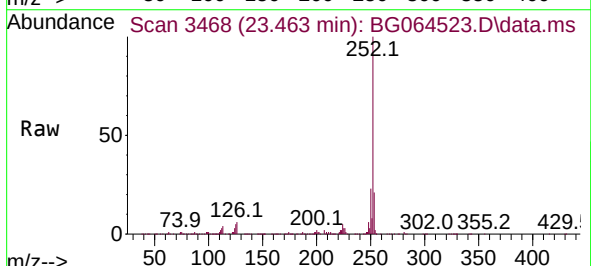
Delta R.T. 0.014 min

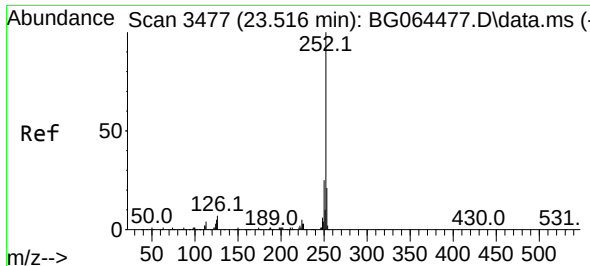
Lab File: BG064523.D

Acq: 16 Oct 2025 19:42

Tgt Ion:252 Resp: 469718

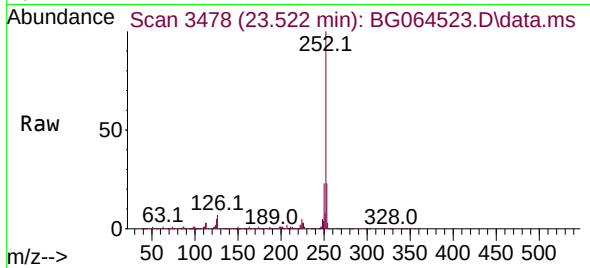
Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.5	26.3
125	5.3	4.5	6.7





#89
Benzo(k)fluoranthene
Concen: 25.141 ng
RT: 23.522 min Scan# 3477
Delta R.T. 0.014 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

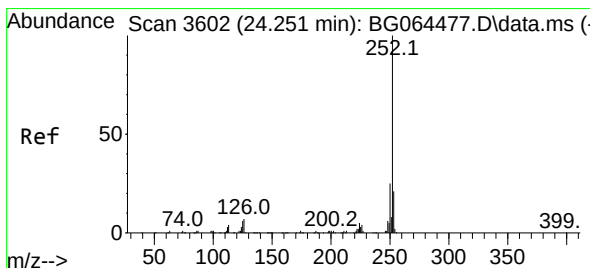
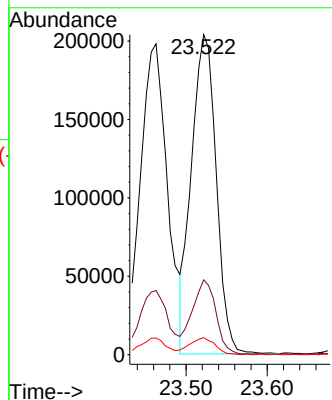
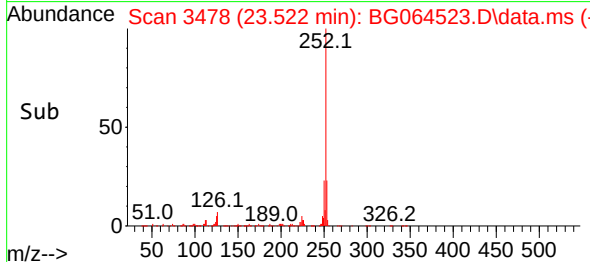
Instrument :
BNA_G
ClientSampleId :
TP-3MS



Tgt Ion:252 Resp: 431876
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 5.3 4.0 6.0

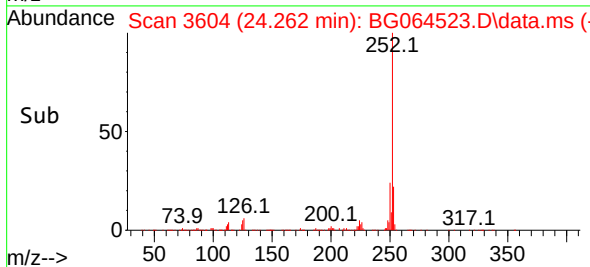
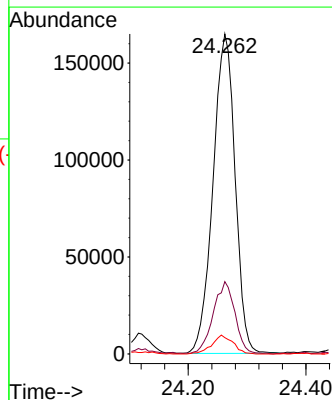
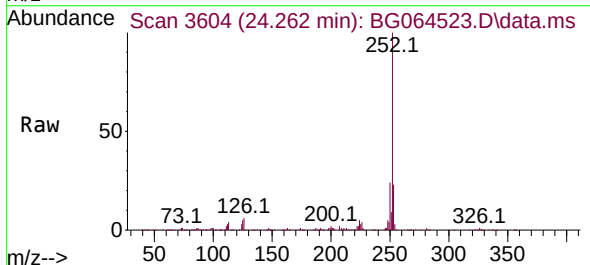
Manual Integrations
APPROVED

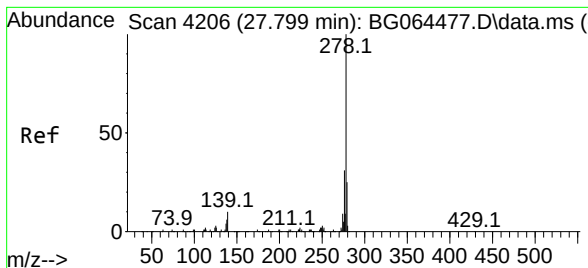
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#90
Benzo(a)pyrene
Concen: 27.334 ng
RT: 24.262 min Scan# 3604
Delta R.T. 0.014 min
Lab File: BG064523.D
Acq: 16 Oct 2025 19:42

Tgt Ion:252 Resp: 429659
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 5.1 4.6 6.8





#91

Dibenzo(a,h)anthracene

Concen: 25.299 ng

RT: 27.817 min Scan# 4209

Delta R.T. 0.037 min

Lab File: BG064523.D

Acq: 16 Oct 2025 19:42

Instrument :

BNA_G

ClientSampleId :

TP-3MS

Tgt Ion:278 Resp: 422199

Ion Ratio Lower Upper

278 100

139 8.9 8.2 12.2

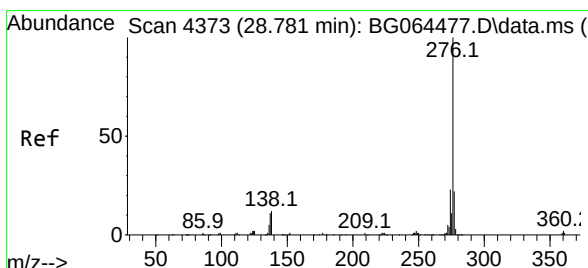
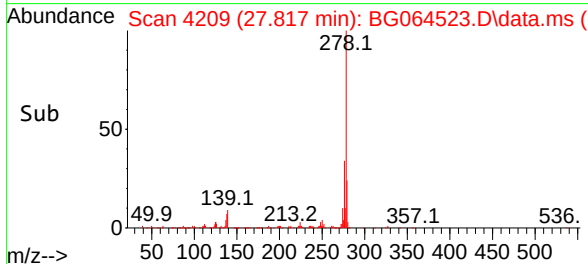
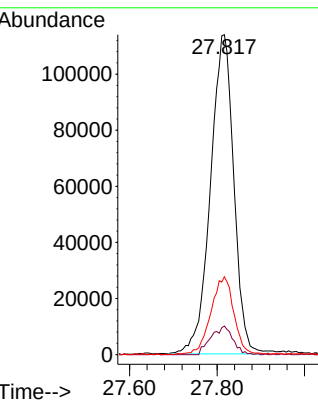
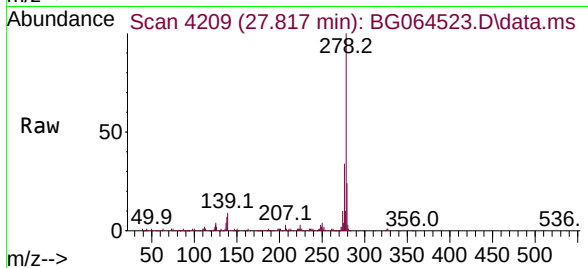
279 24.3 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/17/2025

Supervised By :Jagrut Upadhyay 10/17/2025



#92

Benzo(g,h,i)perylene

Concen: 26.722 ng

RT: 28.810 min Scan# 4378

Delta R.T. 0.043 min

Lab File: BG064523.D

Acq: 16 Oct 2025 19:42

Tgt Ion:276 Resp: 433360

Ion Ratio Lower Upper

276 100

277 24.3 17.8 26.6

138 9.5 9.4 14.0

