

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
 Data File : BG064540.D
 Acq On : 17 Oct 2025 17:51
 Operator : RC/JU
 Sample : Q3363-05MSD
 Misc : 8270/625.1 SPIKE
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP01-20251015MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

Quant Time: Oct 17 19:09:56 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	7.820	152	12958	20.000	ng	# 0.00
21) Naphthalene-d8	10.605	136	53760	20.000	ng	# 0.00
39) Acenaphthene-d10	14.448	164	42324	20.000	ng	0.00
64) Phenanthrene-d10	17.191	188	98552	20.000	ng	0.00
76) Chrysene-d12	21.416	240	108444	20.000	ng	0.00
86) Perylene-d12	24.401	264	124972	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	70198	100.258	ng	0.00
7) Phenol-d6	6.997	99	89685	95.316	ng	0.01
23) Nitrobenzene-d5	8.972	82	59125	59.136	ng	0.00
42) 2,4,6-Tribromophenol	15.940	330	71696	93.454	ng	0.00
45) 2-Fluorobiphenyl	13.067	172	139992	48.754	ng	0.00
79) Terphenyl-d14	19.806	244	298846	52.153	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.314	88	12371	44.669	ng	# 88
3) Pyridine	3.707	79	31258	41.996	ng	94
4) n-Nitrosodimethylamine	3.619	42	30671	56.843	ng	99
6) Aniline	7.144	93	39733	33.477	ng	98
8) 2-Chlorophenol	7.385	128	49617	57.709	ng	97
9) Benzaldehyde	6.956	77	21680	25.957	ng	93
10) Phenol	7.027	94	55973	56.391	ng	97
11) bis(2-Chloroethyl)ether	7.244	93	36342	54.065	ng	97
12) 1,3-Dichlorobenzene	7.708	146	54599	58.051	ng	90
13) 1,4-Dichlorobenzene	7.849	146	57931	61.371	ng	88
14) 1,2-Dichlorobenzene	8.167	146	54459	58.538	ng	93
15) Benzyl Alcohol	8.061	79	48186	55.609	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.349	45	54022	49.858	ng	96
17) 2-Methylphenol	8.267	107	41721	58.047	ng	95
18) Hexachloroethane	8.889	117	20890	56.067	ng	95
19) n-Nitroso-di-n-propyla...	8.625	70	33086	52.578	ng	# 98
20) 3+4-Methylphenols	8.596	107	56150	55.982	ng	90
22) Acetophenone	8.637	105	82910	63.695	ng	97
24) Nitrobenzene	9.013	77	55754	55.920	ng	99
25) Isophorone	9.541	82	97604	53.888	ng	99
26) 2-Nitrophenol	9.724	139	27688	55.798	ng	91
27) 2,4-Dimethylphenol	9.788	122	48855	64.460	ng	94
28) bis(2-Chloroethoxy)met...	10.017	93	50508	54.706	ng	99
29) 2,4-Dichlorophenol	10.258	162	52040	59.377	ng	98
30) 1,2,4-Trichlorobenzene	10.470	180	58767	61.496	ng	98
31) Naphthalene	10.658	128	161782	58.439	ng	98
32) Benzoic acid	9.959	122	39058	67.122	ng	86
33) 4-Chloroaniline	10.764	127	23291	21.925	ng	95
34) Hexachlorobutadiene	10.946	225	49225	60.147	ng	97
35) Caprolactam	11.545	113	15936m	53.113	ng	
36) 4-Chloro-3-methylphenol	11.903	107	62134	58.297	ng	97
37) 2-Methylnaphthalene	12.268	142	106210	49.980	ng	99
38) 1-Methylnaphthalene	12.485	142	115037	54.289	ng	95
40) 1,2,4,5-Tetrachloroben...	12.638	216	85281	62.405	ng	98
41) Hexachlorocyclopentadiene	12.620	237	104149	145.696	ng	94
43) 2,4,6-Trichlorophenol	12.879	196	50162	57.421	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.955	196	54905	56.296	ng	95
46) 1,1'-Biphenyl	13.278	154	183332	60.226	ng	100
47) 2-Chloronaphthalene	13.319	162	123311	54.256	ng	99
48) 2-Nitroaniline	13.531	65	42893	55.296	ng	98
49) Acenaphthylene	14.166	152	213116	63.167	ng	99
50) Dimethylphthalate	13.907	163	171566	51.757	ng	99
51) 2,6-Dinitrotoluene	14.024	165	37689	54.581	ng	95
52) Acenaphthene	14.512	154	123214	52.566	ng	100
53) 3-Nitroaniline	14.359	138	21357	33.537	ng	# 92
54) 2,4-Dinitrophenol	14.565	184	47393	94.653	ng	89
55) Dibenzofuran	14.847	168	211592	54.671	ng	98
56) 4-Nitrophenol	14.683	139	55987	111.664	ng	# 83
57) 2,4-Dinitrotoluene	14.818	165	58742	55.649	ng	# 97
58) Fluorene	15.493	166	180297	56.036	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.076	232	58615	58.889	ng	# 100
60) Diethylphthalate	15.270	149	186116	52.339	ng	98
61) 4-Chlorophenyl-phenyle...	15.487	204	94473	53.782	ng	97
62) 4-Nitroaniline	15.517	138	35978	54.205	ng	# 83
63) Azobenzene	15.781	77	159730	58.000	ng	96
65) 4,6-Dinitro-2-methylph...	15.582	198	38604	56.259	ng	93
66) n-Nitrosodiphenylamine	15.705	169	155774	59.191	ng	94
67) 4-Bromophenyl-phenylether	16.381	248	66795	57.595	ng	94
68) Hexachlorobenzene	16.498	284	78114	58.863	ng	98
69) Atrazine	16.657	200	71618	61.166	ng	99
70) Pentachlorophenol	16.845	266	98627	127.110	ng	98
71) Phenanthrene	17.233	178	295420	57.321	ng	99
72) Anthracene	17.321	178	300419	58.104	ng	98
73) Carbazole	17.591	167	267151	59.777	ng	98
74) Di-n-butylphthalate	18.155	149	315058	57.749	ng	99
75) Fluoranthene	19.242	202	379195	61.587	ng	98
77) Benzidine	19.424	184	117565	43.567	ng	98
78) Pyrene	19.606	202	395779	56.237	ng	99
80) Butylbenzylphthalate	20.499	149	141491	56.715	ng	98
81) Benzo(a)anthracene	21.398	228	422383	61.001	ng	99
82) 3,3'-Dichlorobenzidine	21.322	252	63681	27.173	ng	# 97
83) Chrysene	21.463	228	389097	59.253	ng	98
84) Bis(2-ethylhexyl)phtha...	21.316	149	208938	59.357	ng	96
85) Di-n-octyl phthalate	22.444	149	347323	58.710	ng	99
87) Indeno(1,2,3-cd)pyrene	27.761	276	513369	59.016	ng	99
88) Benzo(b)fluoranthene	23.460	252	418135	58.812	ng	99
89) Benzo(k)fluoranthene	23.525	252	420067	58.664	ng	99
90) Benzo(a)pyrene	24.260	252	409057	62.428	ng	99
91) Dibenzo(a,h)anthracene	27.814	278	416939	59.935	ng	96
92) Benzo(g,h,i)perylene	28.807	276	422774	62.538	ng	97

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

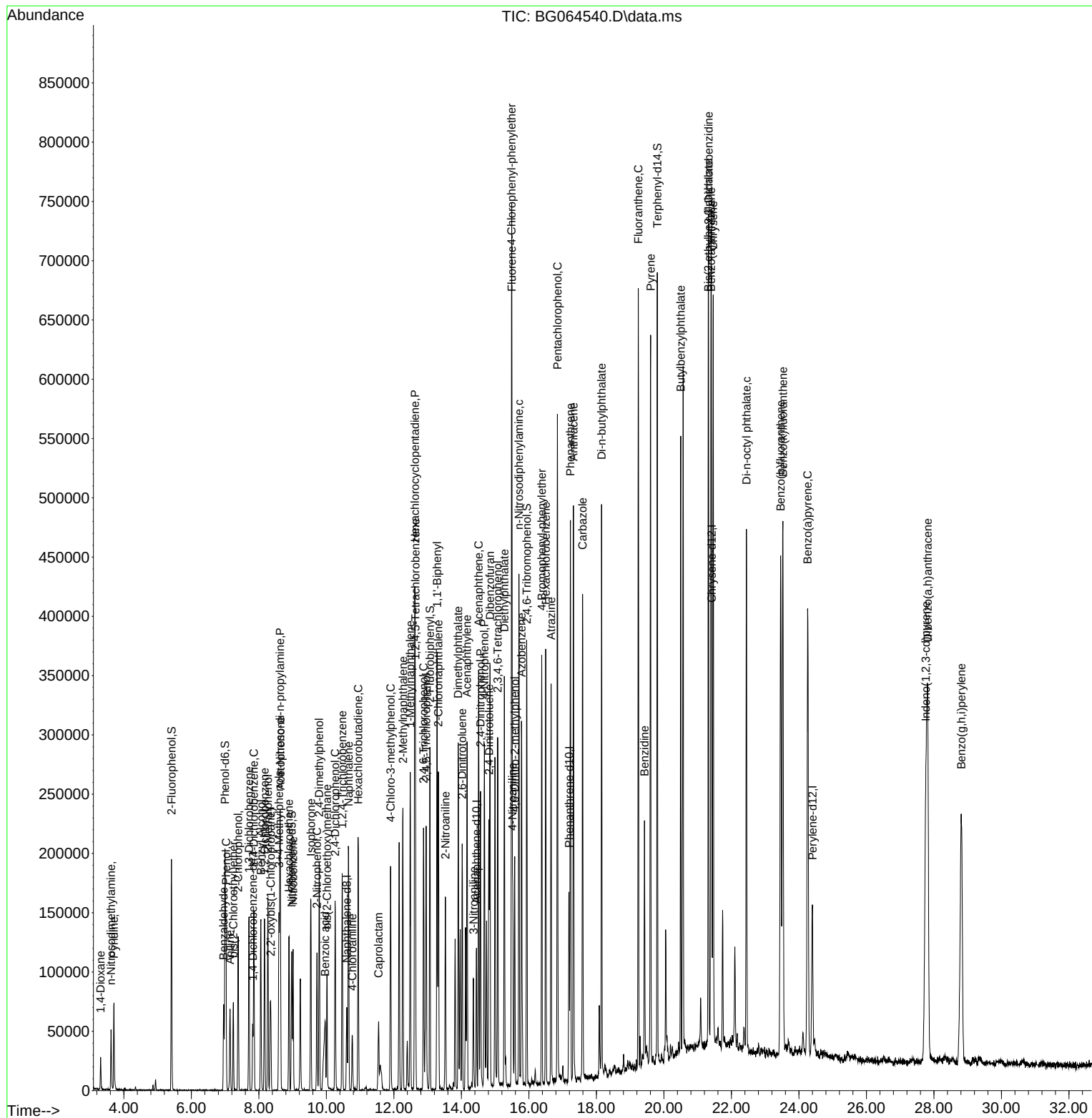
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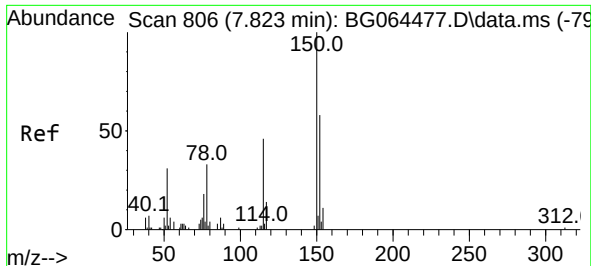
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD

Manual Integrations
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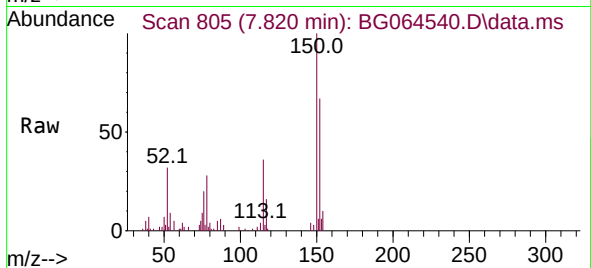
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.820 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BG064540.D
 Acq: 17 Oct 2025 17:51

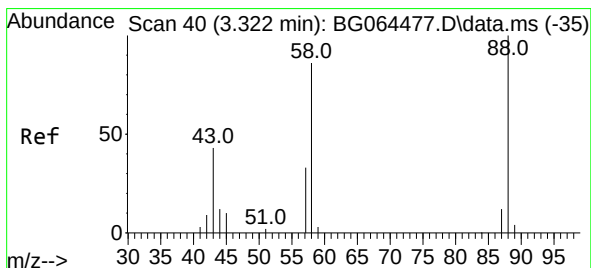
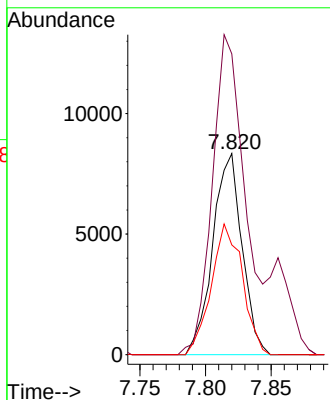
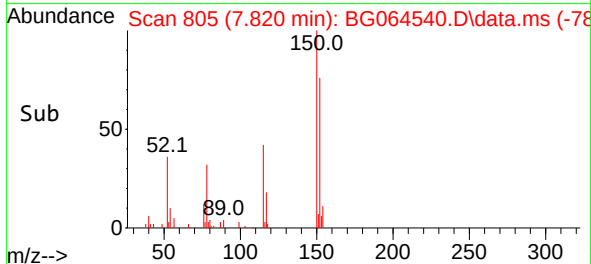
Instrument :
 BNA_G
 ClientSampleId :
 COMP01-20251015MSD



Tgt Ion:152 Resp: 12958
 Ion Ratio Lower Upper
 152 100
 150 149.6 138.6 207.8
 115 54.5 63.4 95.2

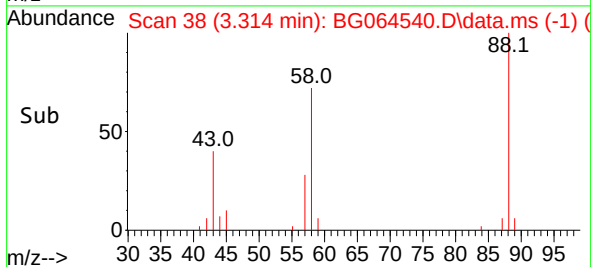
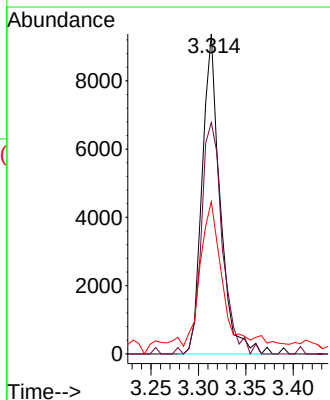
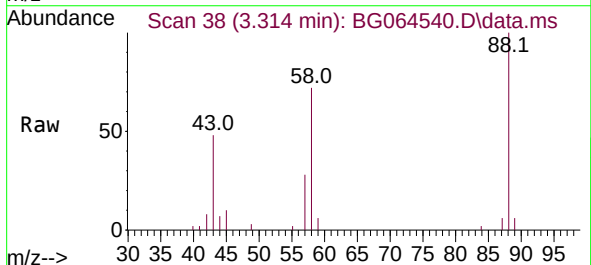
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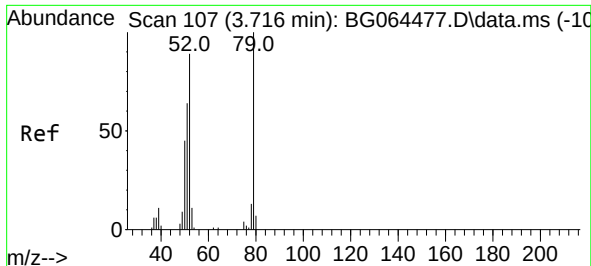
Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025



#2
 1,4-Dioxane
 Concen: 44.669 ng
 RT: 3.314 min Scan# 38
 Delta R.T. -0.006 min
 Lab File: BG064540.D
 Acq: 17 Oct 2025 17:51

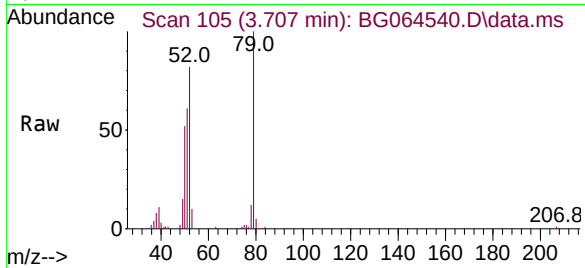
Tgt Ion: 88 Resp: 12371
 Ion Ratio Lower Upper
 88 100
 58 84.8 69.8 104.6
 43 66.6 37.4 56.0





#3
Pyridine
Concen: 41.996 ng
RT: 3.707 min Scan# 107
Delta R.T. -0.006 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

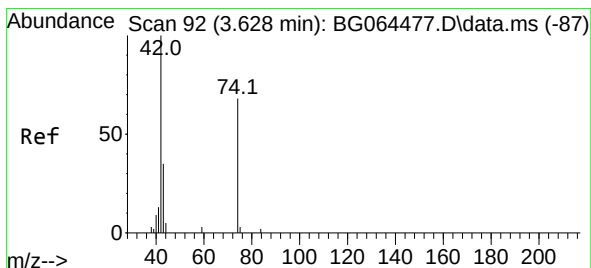
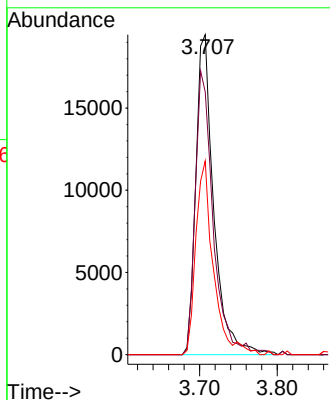
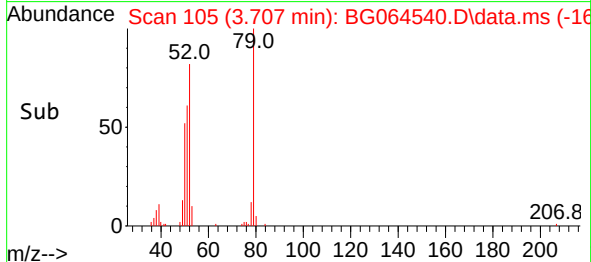
Instrument :
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ClientSampleId :
COMP01-20251015MSD



Tgt Ion: 79 Resp: 31258
Ion Ratio Lower Upper
79 100
52 82.1 71.0 106.4
51 60.5 51.0 76.6

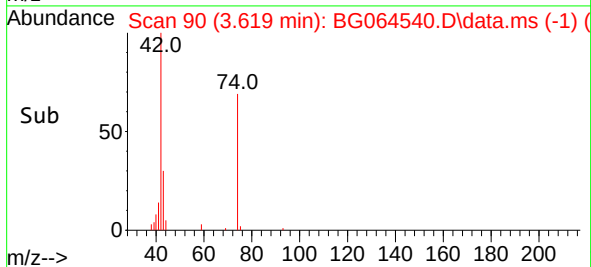
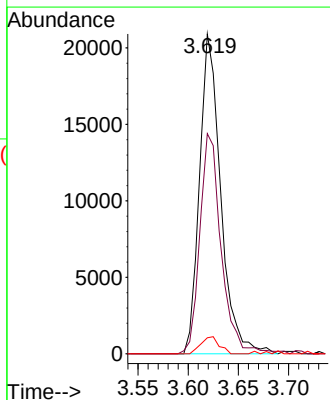
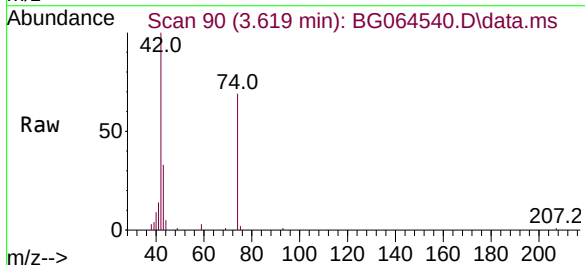
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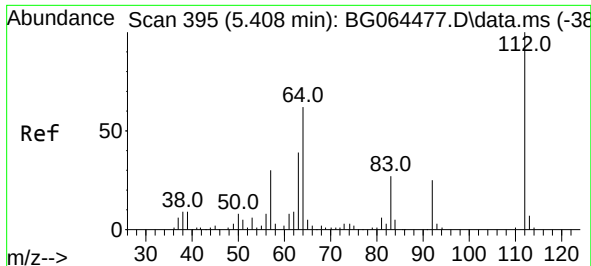
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#4
n-Nitrosodimethylamine
Concen: 56.843 ng
RT: 3.619 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

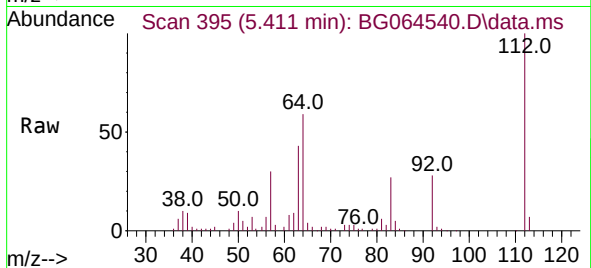
Tgt Ion: 42 Resp: 30671
Ion Ratio Lower Upper
42 100
74 68.8 54.2 81.4
44 5.0 4.2 6.2





#5
2-Fluorophenol
Concen: 100.258 ng
RT: 5.411 min Scan# 395
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

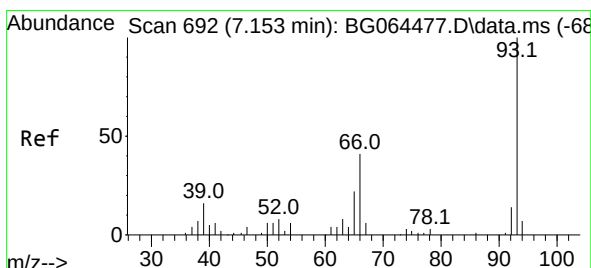
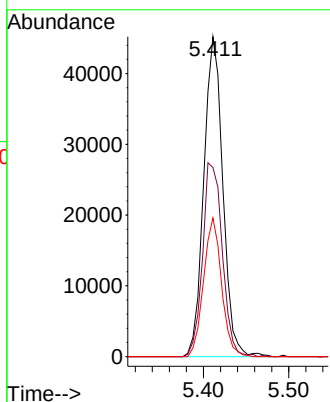
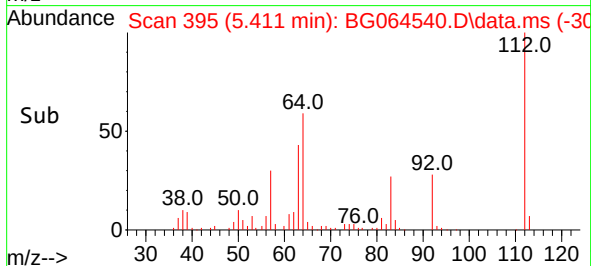
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



Tgt Ion:112 Resp: 70198
Ion Ratio Lower Upper
112 100
64 59.1 49.8 74.8
63 43.3 31.3 46.9

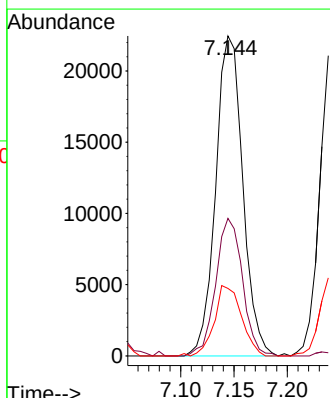
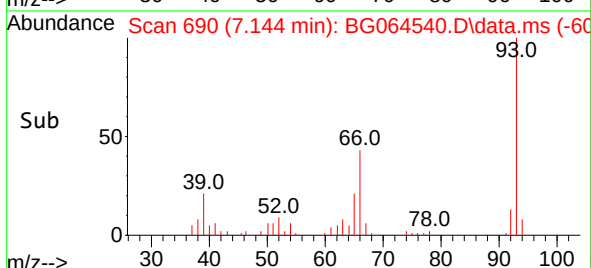
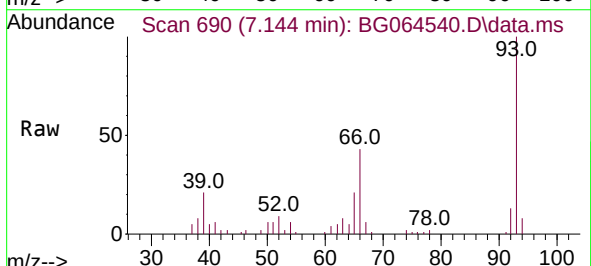
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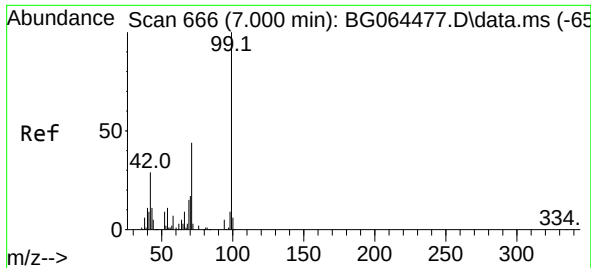
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#6
Aniline
Concen: 33.477 ng
RT: 7.144 min Scan# 690
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

Tgt Ion: 93 Resp: 39733
Ion Ratio Lower Upper
93 100
66 43.0 33.0 49.4
65 21.1 17.5 26.3





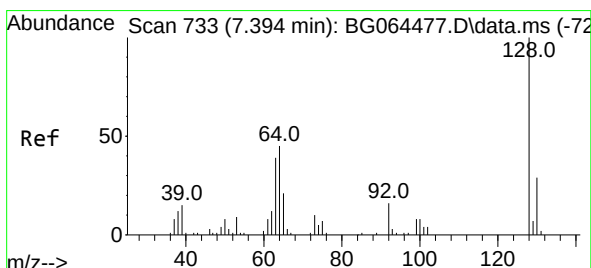
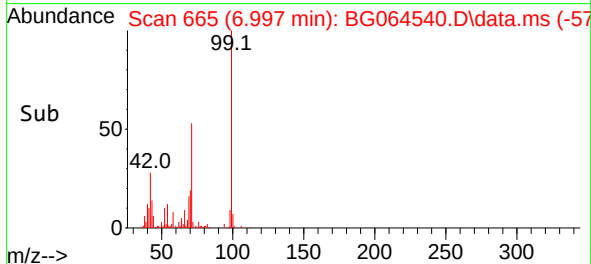
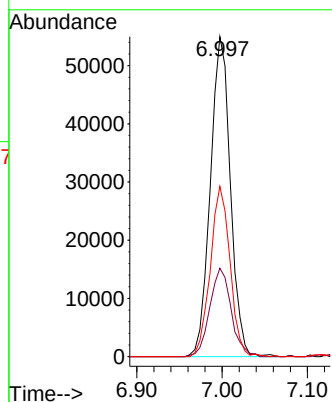
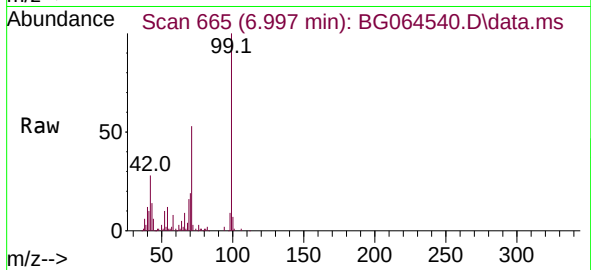
#7
Phenol-d6
Concen: 95.316 ng
RT: 6.997 min Scan# 60
Delta R.T. 0.011 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD

Tgt Ion: 99 Resp: 89685
Ion Ratio Lower Upper
99 100
42 27.6 22.9 34.3
71 53.2 35.4 53.2

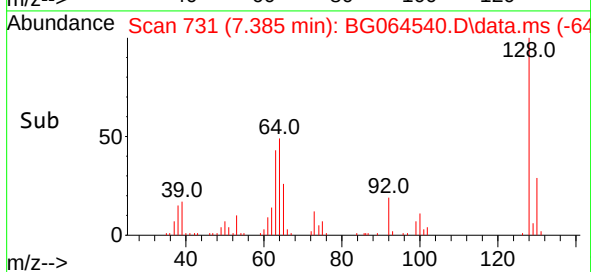
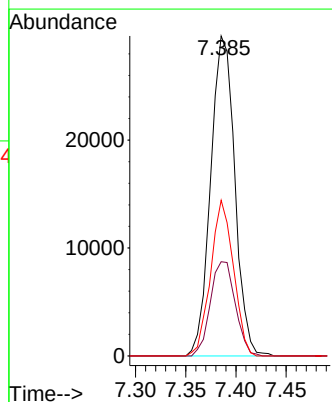
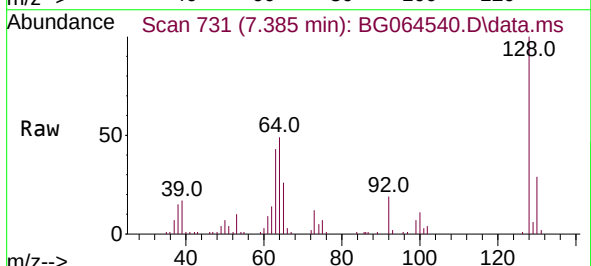
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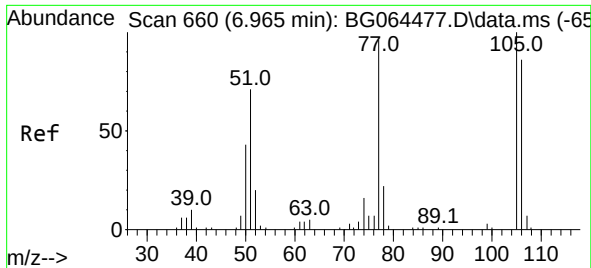
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#8
2-Chlorophenol
Concen: 57.709 ng
RT: 7.385 min Scan# 731
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

Tgt Ion:128 Resp: 49617
Ion Ratio Lower Upper
128 100
130 29.4 9.2 49.2
64 48.6 25.5 65.5





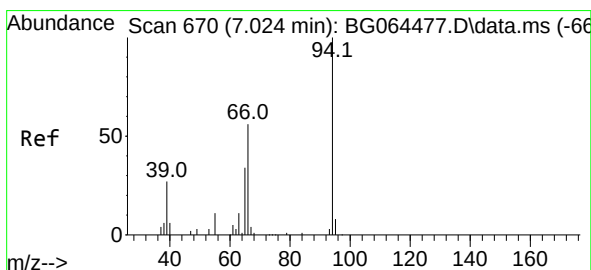
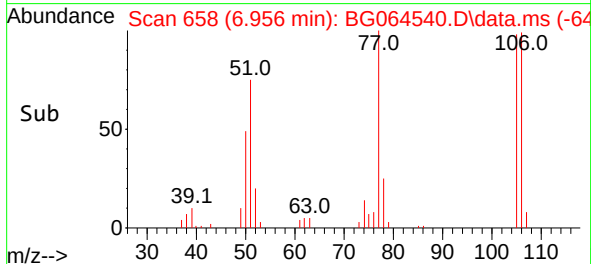
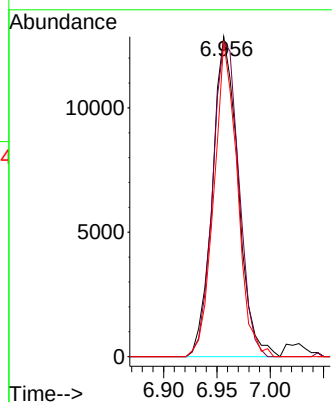
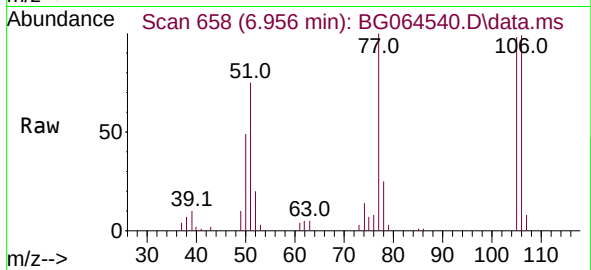
#9
Benzaldehyde
Concen: 25.957 ng
RT: 6.956 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064540.D
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Tgt Ion: 77 Resp: 21680
Ion Ratio Lower Upper
77 100
105 98.3 83.7 123.7
106 98.6 69.4 109.4

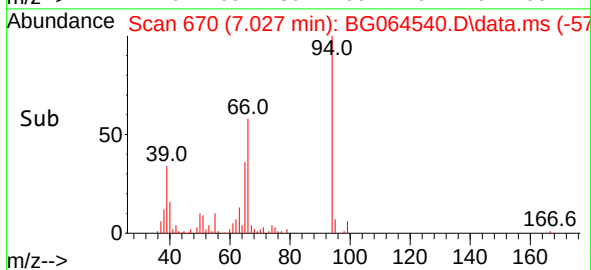
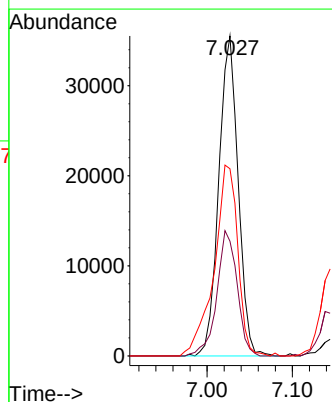
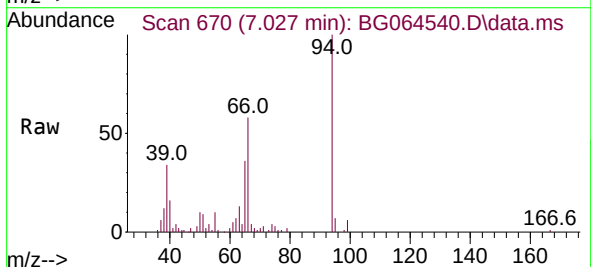
Manual Integrations
APPROVED

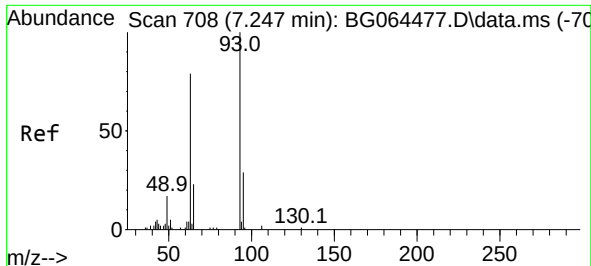
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#10
Phenol
Concen: 56.391 ng
RT: 7.027 min Scan# 670
Delta R.T. 0.011 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

Tgt Ion: 94 Resp: 55973
Ion Ratio Lower Upper
94 100
65 35.8 14.8 54.8
66 58.5 41.4 81.4





#11

bis(2-Chloroethyl)ether

Concen: 54.065 ng

RT: 7.244 min Scan# 708

Delta R.T. -0.000 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

Instrument :

BNA_G

ClientSampleId :

COMP01-20251015MSD

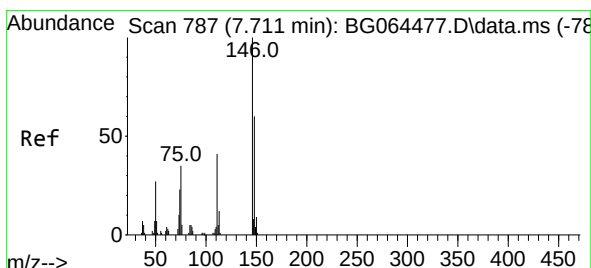
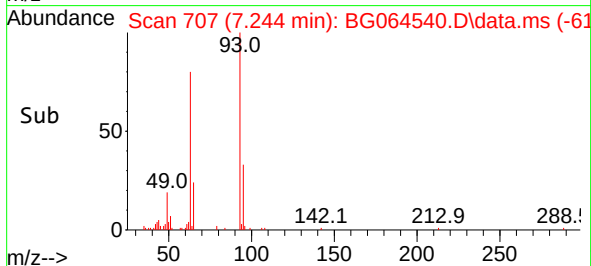
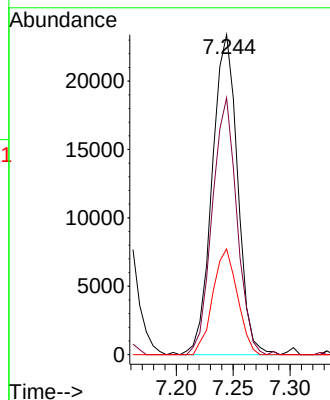
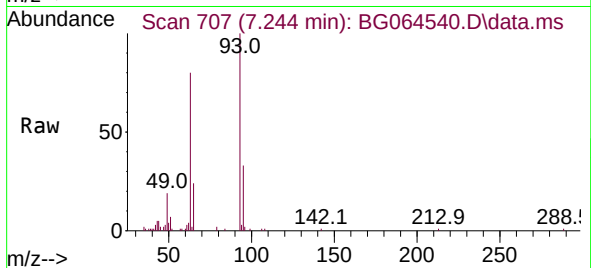
Tgt Ion:	93	Resp:	3634
Ion Ratio	Lower	Upper	
93	100		
63	80.2	59.5	99.5
95	33.0	8.8	48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#12

1,3-Dichlorobenzene

Concen: 58.051 ng

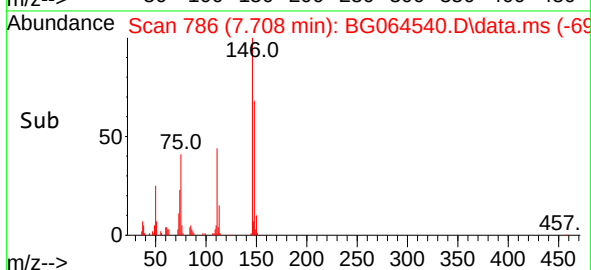
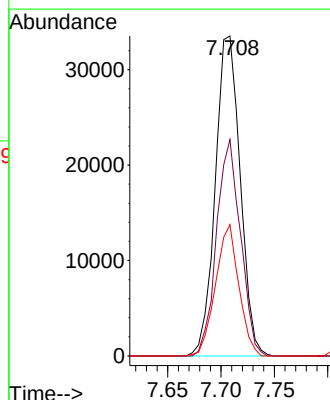
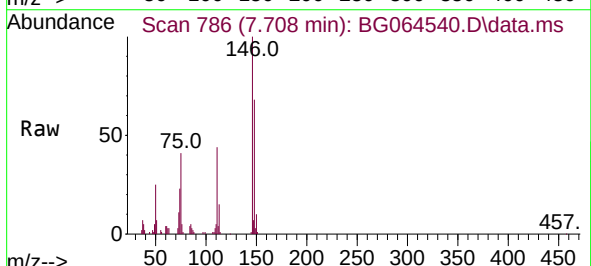
RT: 7.708 min Scan# 786

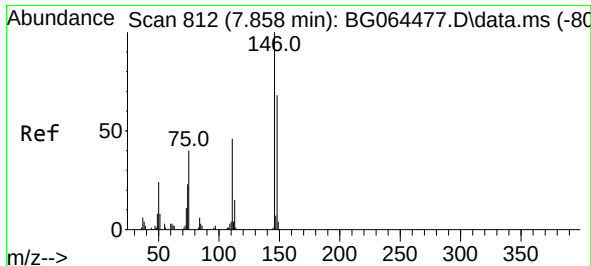
Delta R.T. -0.000 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

Tgt Ion:	146	Resp:	54599
Ion Ratio	Lower	Upper	
146	100		
148	67.6	48.4	72.6
75	41.1	28.3	42.5





#13

1,4-Dichlorobenzene

Concen: 61.371 ng

RT: 7.849 min Scan# 812

Delta R.T. -0.006 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

Instrument :

BNA_G

ClientSampleId :

COMP01-20251015MSD

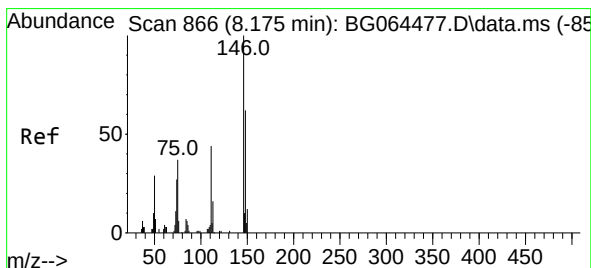
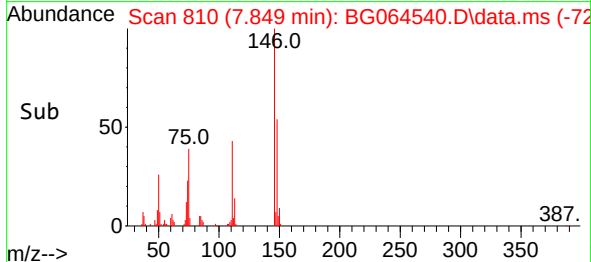
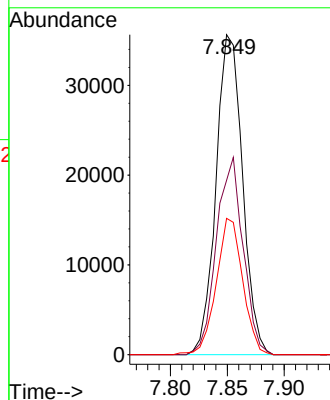
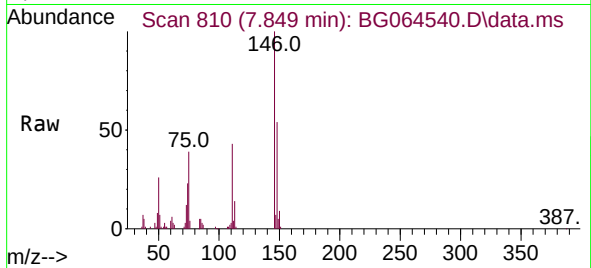
Tgt Ion:	146	Resp:	5793
Ion Ratio	Lower	Upper	
146	100		
148	54.5	54.4	81.6
111	42.6	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#14

1,2-Dichlorobenzene

Concen: 58.538 ng

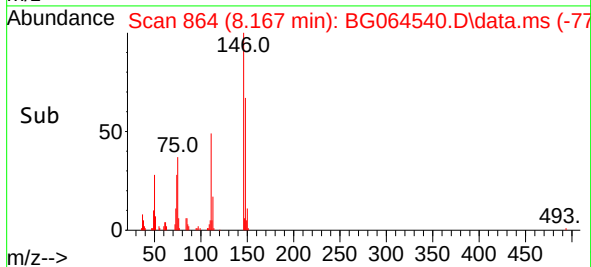
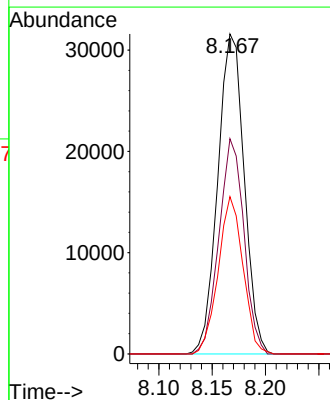
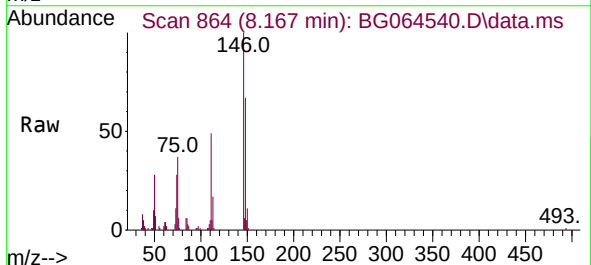
RT: 8.167 min Scan# 864

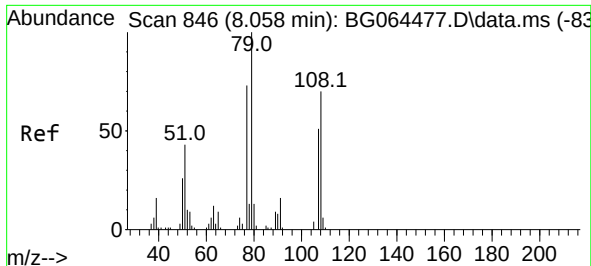
Delta R.T. -0.006 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

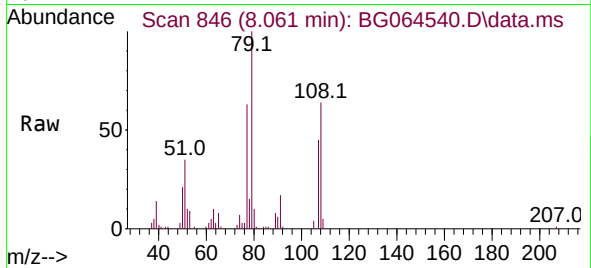
Tgt Ion:	146	Resp:	54459
Ion Ratio	Lower	Upper	
146	100		
148	67.2	50.0	75.0
111	49.1	35.0	52.4





#15
Benzyl Alcohol
Concen: 55.609 ng
RT: 8.061 min Scan# 846
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

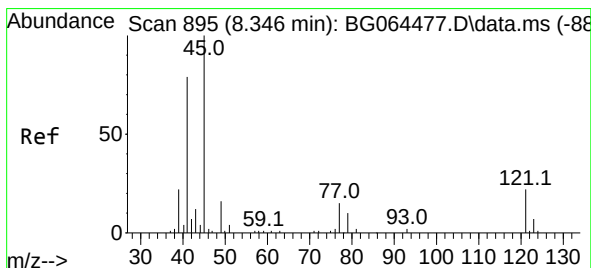
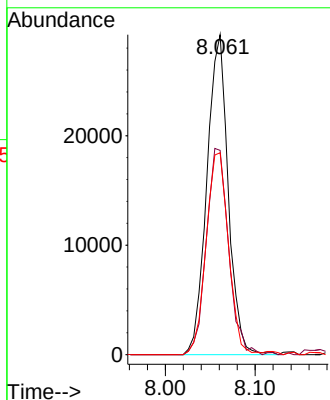
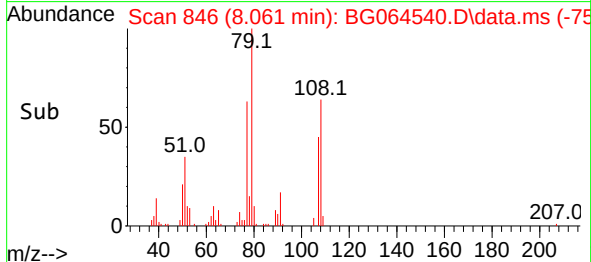
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



Tgt Ion: 79 Resp: 48186
Ion Ratio Lower Upper
79 100
108 63.8 56.4 84.6
77 63.1 58.3 87.5

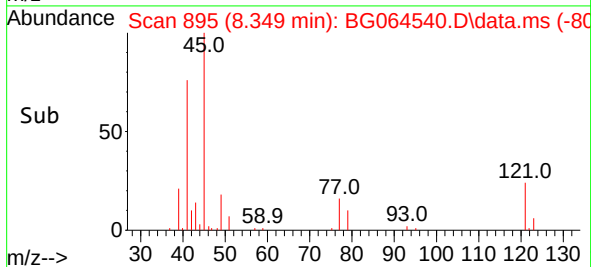
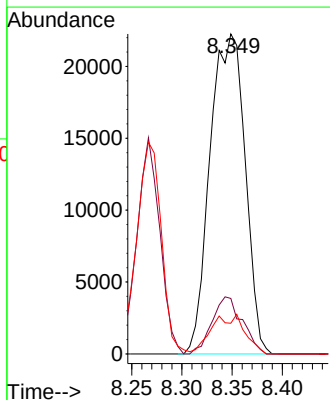
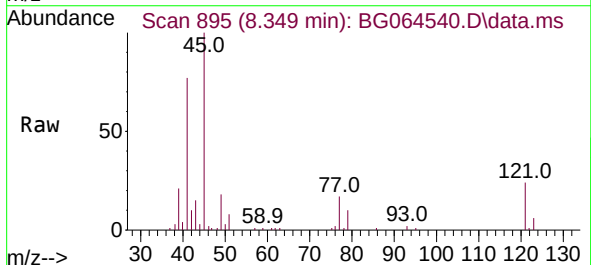
Manual Integrations
APPROVED

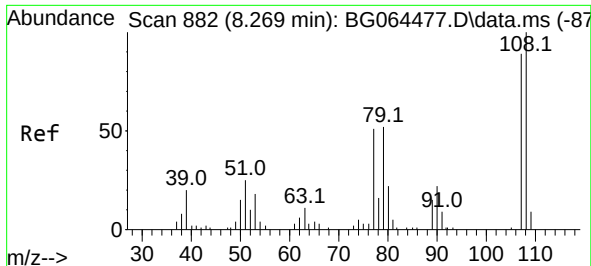
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.858 ng
RT: 8.349 min Scan# 895
Delta R.T. 0.011 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

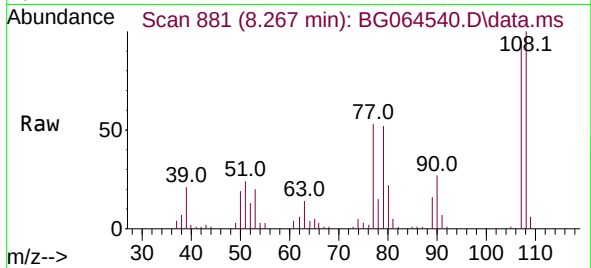
Tgt Ion: 45 Resp: 54022
Ion Ratio Lower Upper
45 100
77 17.4 0.0 35.6
79 9.6 0.0 30.7





#17
2-Methylphenol
Concen: 58.047 ng
RT: 8.267 min Scan# 881
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

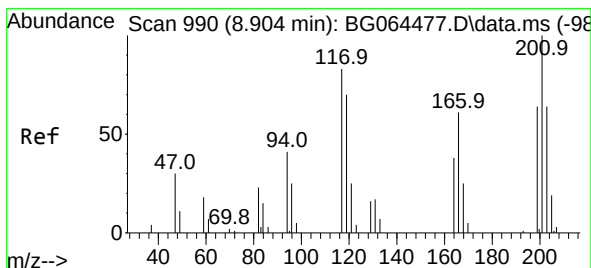
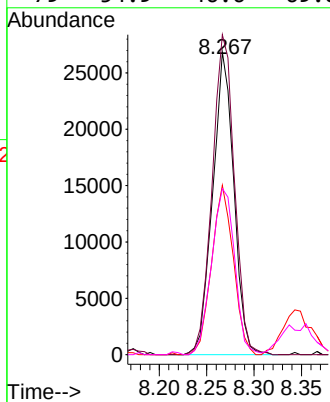
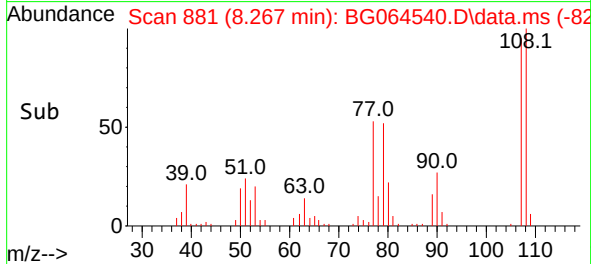
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



Tgt Ion:107 Resp: 41721
Ion Ratio Lower Upper
107 100
108 105.8 90.3 135.5
77 56.0 46.0 69.0
79 54.9 46.6 69.8

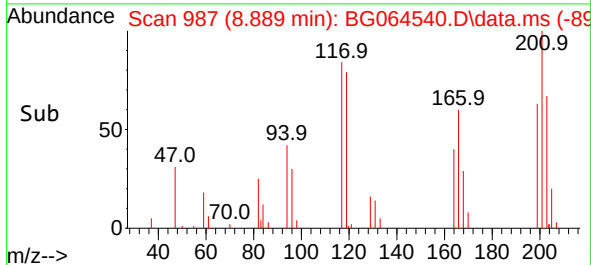
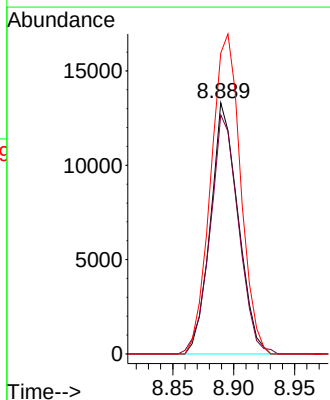
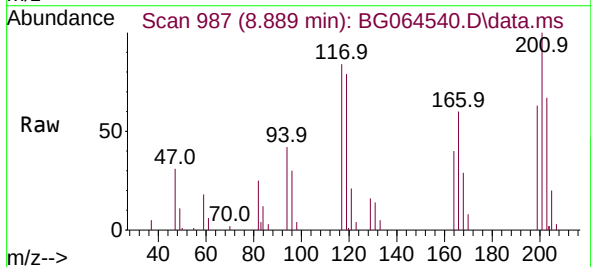
Manual Integrations
APPROVED

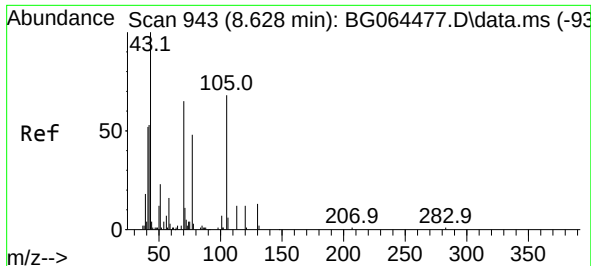
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#18
Hexachloroethane
Concen: 56.067 ng
RT: 8.889 min Scan# 987
Delta R.T. -0.006 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

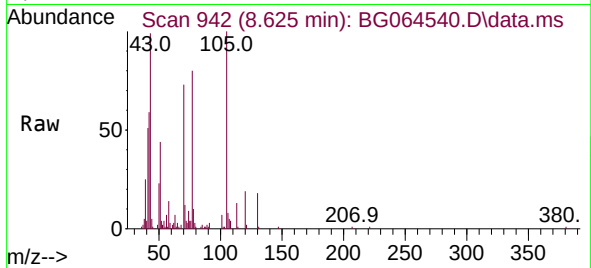
Tgt Ion:117 Resp: 20890
Ion Ratio Lower Upper
117 100
119 95.1 67.4 101.0
201 119.7 95.9 143.9





#19
n-Nitroso-di-n-propylamine
Concen: 52.578 ng
RT: 8.625 min Scan# 943
Delta R.T. 0.011 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

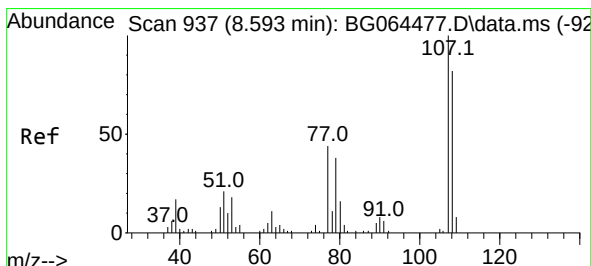
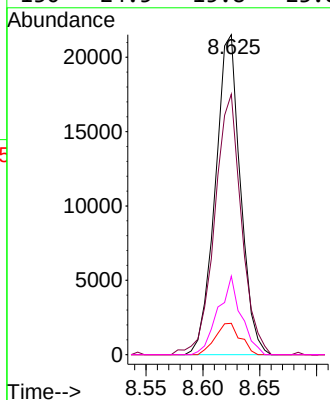
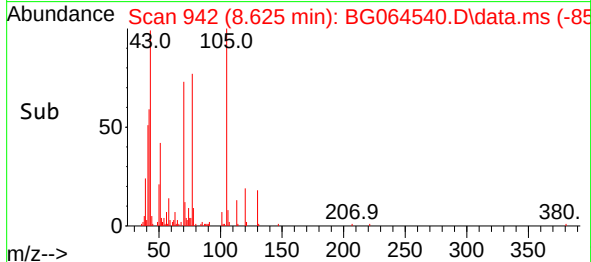
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



Tgt Ion: 70 Resp: 33086
Ion Ratio Lower Upper
70 100
42 81.4 64.9 97.3
101 9.8 8.7 13.1
130 24.5 15.8 23.8#

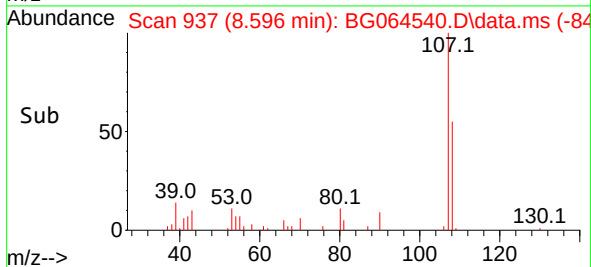
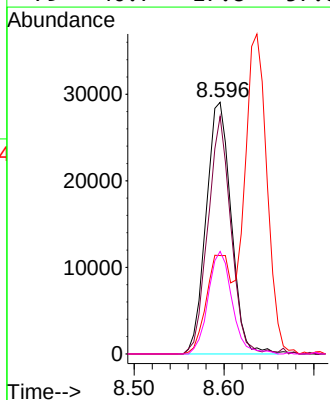
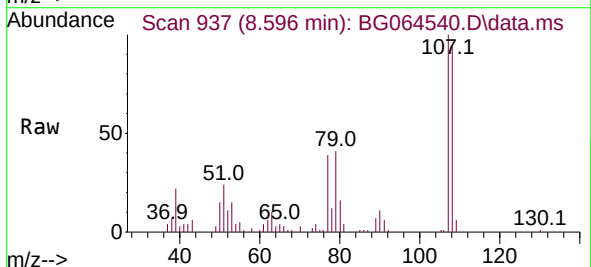
Manual Integrations
APPROVED

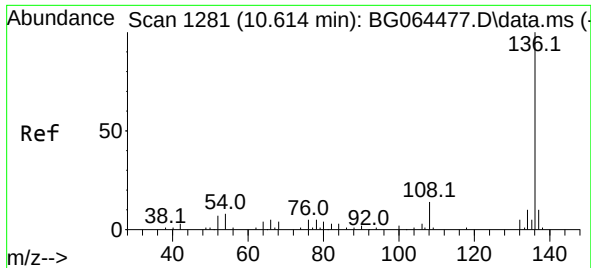
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#20
3+4-Methylphenols
Concen: 55.982 ng
RT: 8.596 min Scan# 937
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

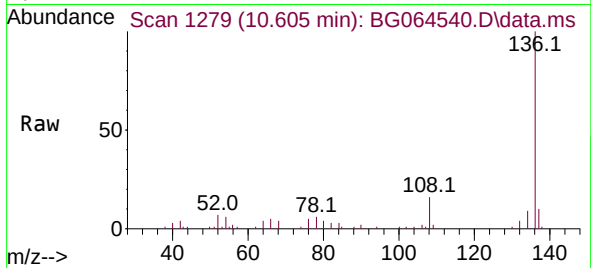
Tgt Ion:107 Resp: 56150
Ion Ratio Lower Upper
107 100
108 94.4 62.1 102.1
77 39.1 23.5 63.5
79 40.7 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD

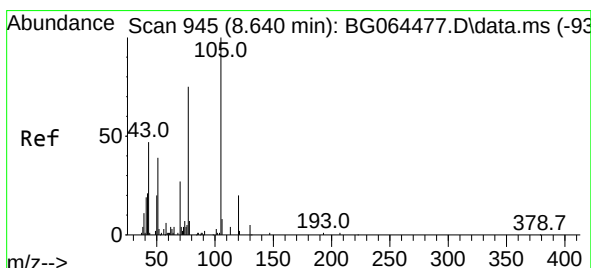
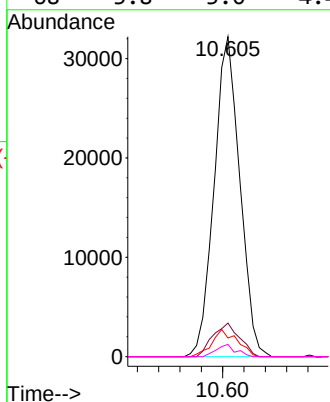
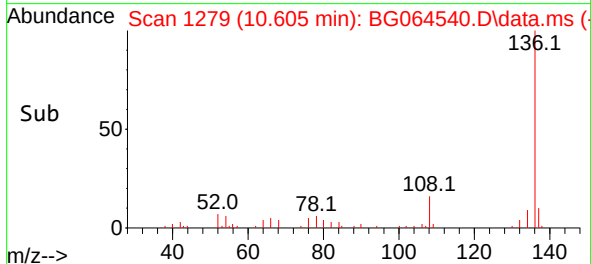


Tgt Ion:136 Resp: 53760

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.3	12.5
54	5.9	6.2	9.4
68	3.8	3.0	4.4

Manual Integrations
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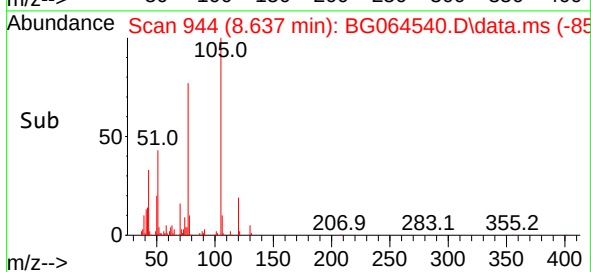
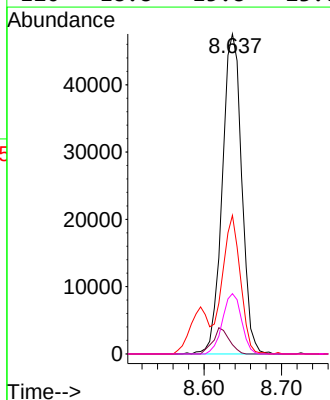
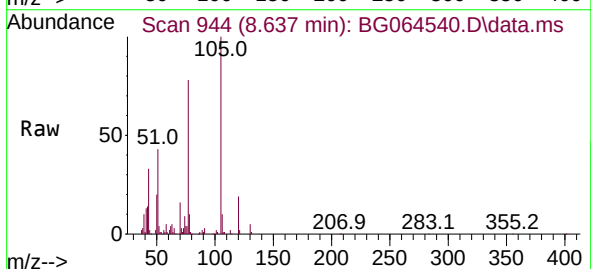
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

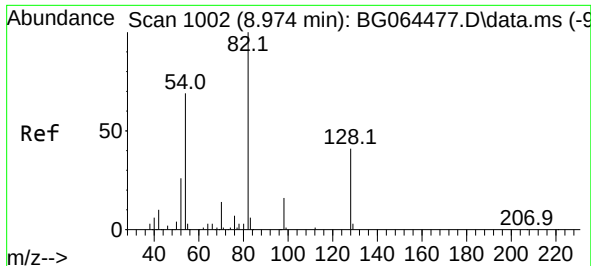


#22
Acetophenone
Concen: 63.695 ng
RT: 8.637 min Scan# 944
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

Tgt Ion:105 Resp: 82910

Ion	Ratio	Lower	Upper
105	100		
71	2.9	2.8	4.2
51	43.3	33.0	49.4
120	18.8	15.8	23.6





#23

Nitrobenzene-d5

Concen: 59.136 ng

RT: 8.972 min Scan# 1002

Delta R.T. 0.005 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

Instrument :

BNA_G

ClientSampleId :

COMP01-20251015MSD

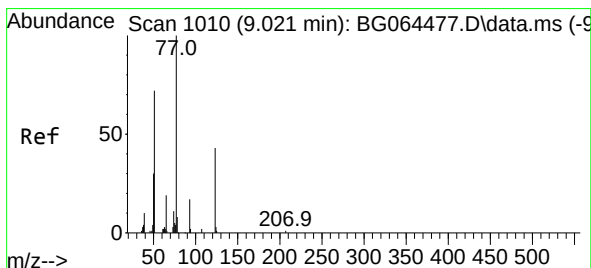
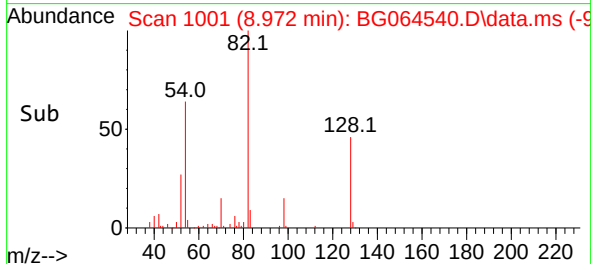
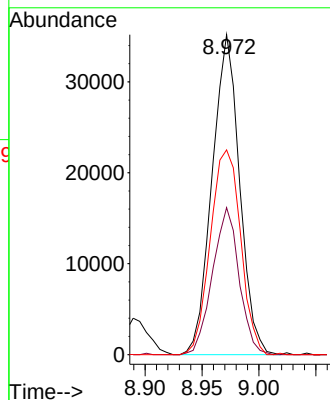
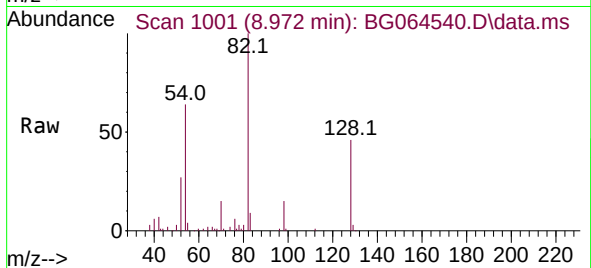
Tgt Ion: 82	Resp: 59125
Ion Ratio	Lower Upper
82 100	
128 45.9	33.1 49.7
54 64.0	55.4 83.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#24

Nitrobenzene

Concen: 55.920 ng

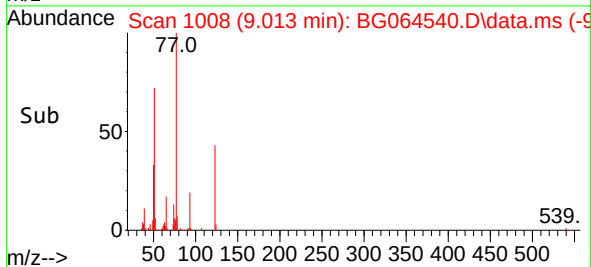
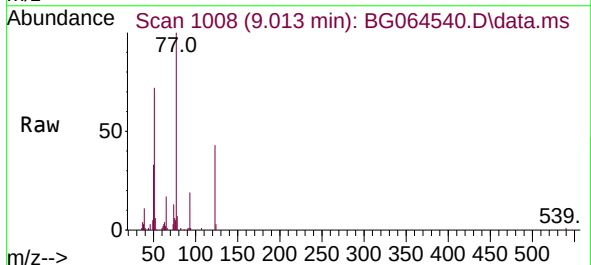
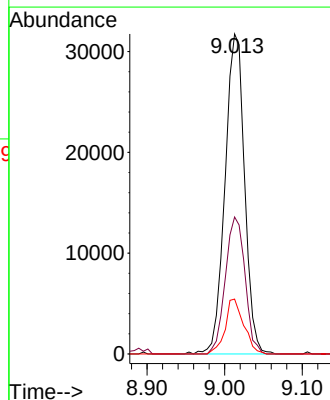
RT: 9.013 min Scan# 1008

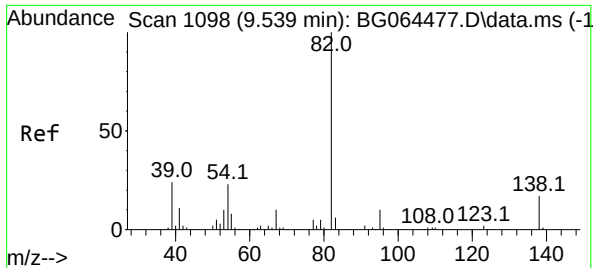
Delta R.T. -0.000 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

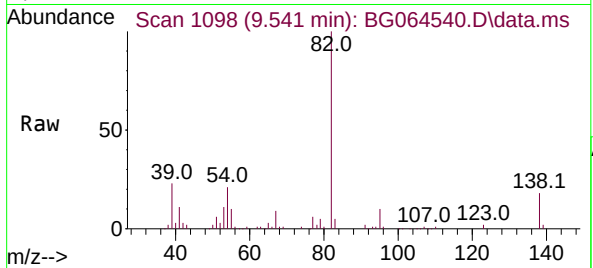
Tgt Ion: 77	Resp: 55754
Ion Ratio	Lower Upper
77 100	
123 42.8	34.4 51.6
65 17.1	14.8 22.2





#25
Isophorone
Concen: 53.888 ng
RT: 9.541 min Scan# 1098
Delta R.T. 0.011 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

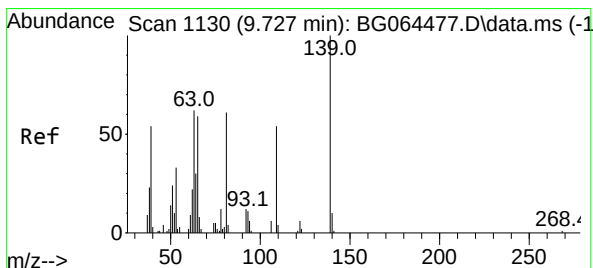
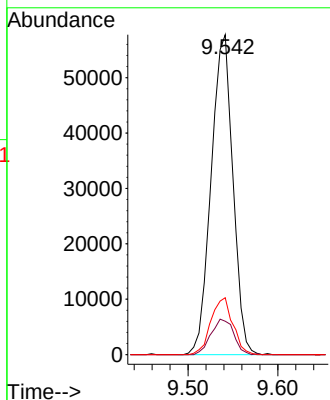
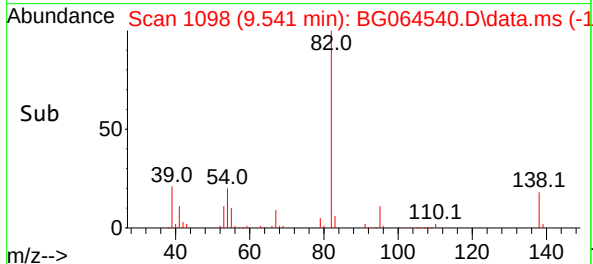
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



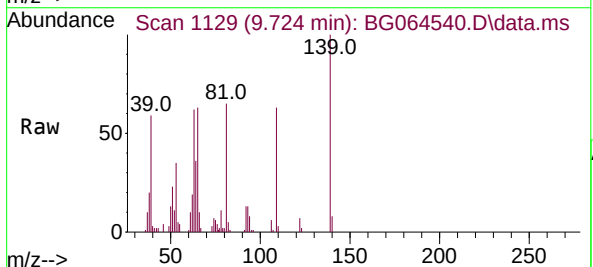
Tgt Ion: 82 Resp: 97604
Ion Ratio Lower Upper
82 100
95 10.4 7.8 11.8
138 17.8 13.8 20.6

Manual Integrations
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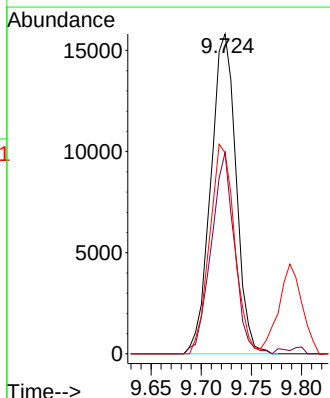
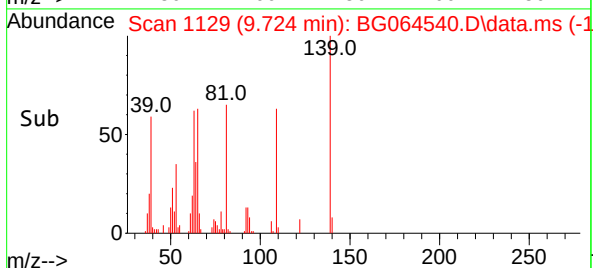
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

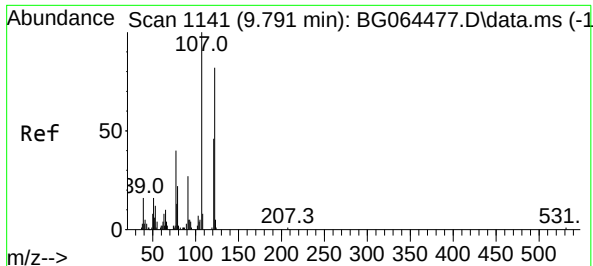


#26
2-Nitrophenol
Concen: 55.798 ng
RT: 9.724 min Scan# 1129
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51



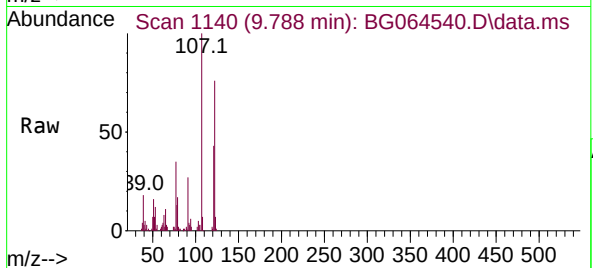
Tgt Ion:139 Resp: 27688
Ion Ratio Lower Upper
139 100
109 62.9 43.0 64.6
65 62.8 47.4 71.2





#27
2,4-Dimethylphenol
Concen: 64.460 ng
RT: 9.788 min Scan# 1141
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

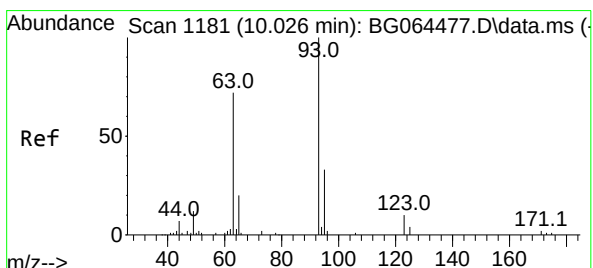
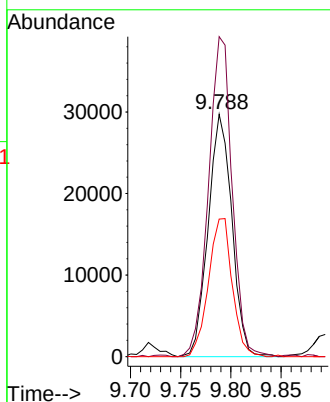
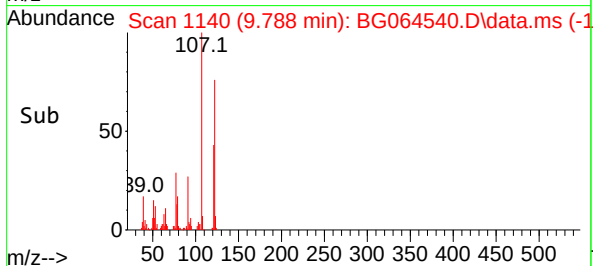
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



Tgt Ion:122 Resp: 4885
Ion Ratio Lower Upper
122 100
107 132.0 98.3 147.5
121 56.7 44.7 67.1

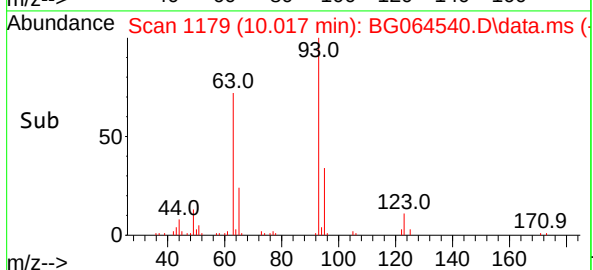
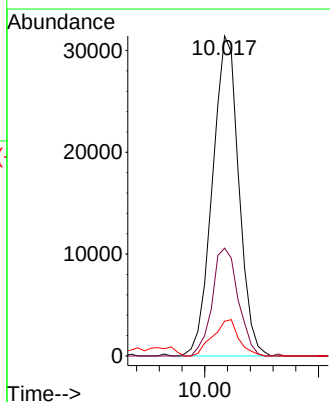
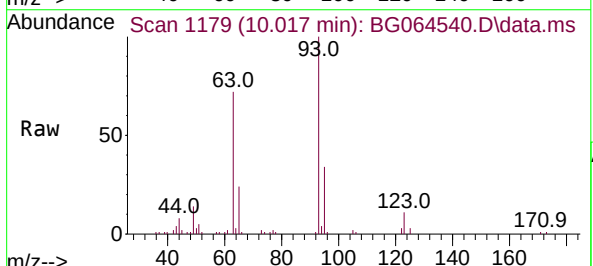
Manual Integrations
APPROVED

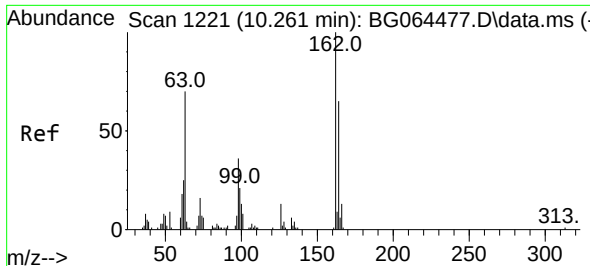
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#28
bis(2-Chloroethoxy)methane
Concen: 54.706 ng
RT: 10.017 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

Tgt Ion: 93 Resp: 50508
Ion Ratio Lower Upper
93 100
95 33.7 26.5 39.7
123 10.8 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 59.377 ng

RT: 10.258 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

Instrument :

BNA_G

ClientSampleId :

COMP01-20251015MSD

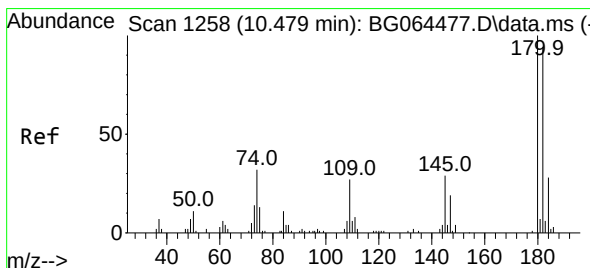
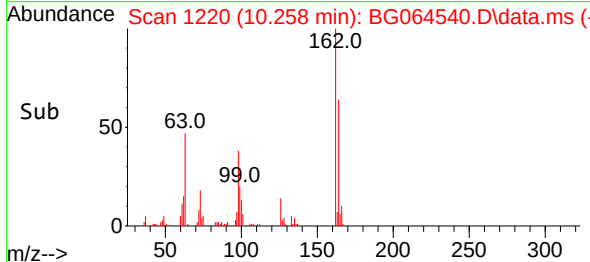
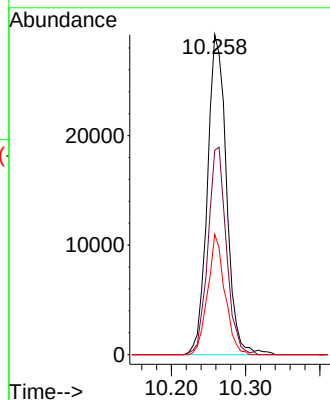
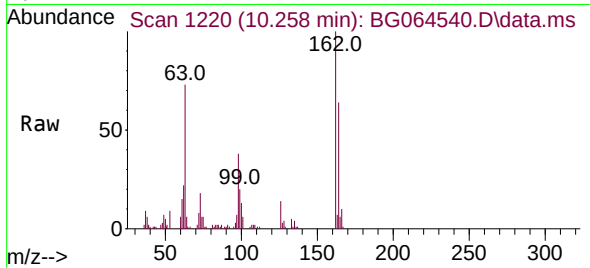
Tgt Ion:162	Resp:	52040
Ion Ratio	Lower	Upper
162	100	
164	63.8	45.4 85.4
98	37.6	16.4 56.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#30

1,2,4-Trichlorobenzene

Concen: 61.496 ng

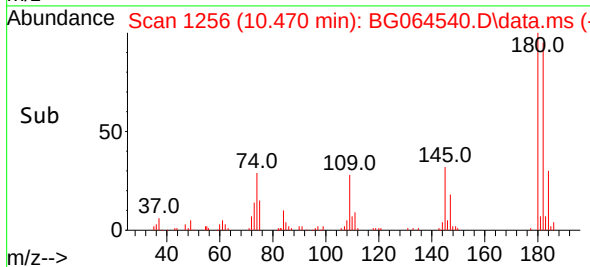
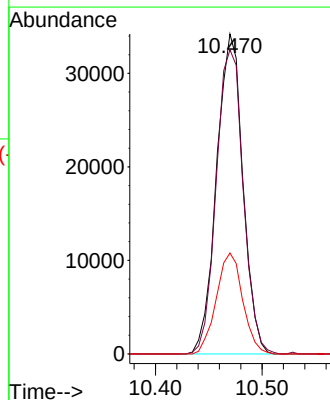
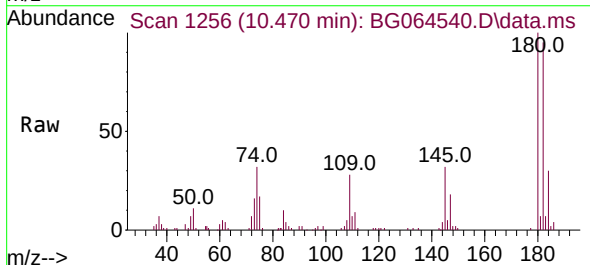
RT: 10.470 min Scan# 1256

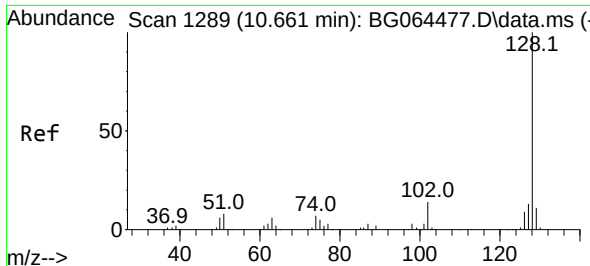
Delta R.T. -0.000 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

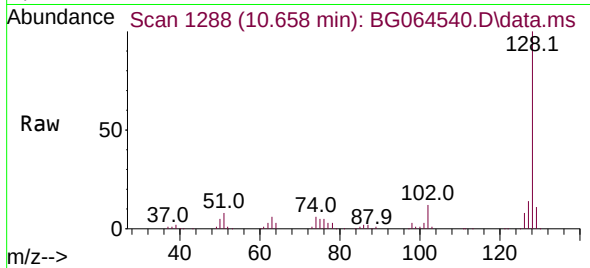
Tgt Ion:180	Resp:	58767
Ion Ratio	Lower	Upper
180	100	
182	95.0	75.4 113.2
145	31.5	23.2 34.8





#31
Naphthalene
Concen: 58.439 ng
RT: 10.658 min Scan# 1168
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

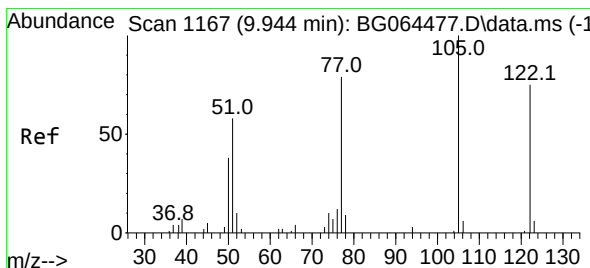
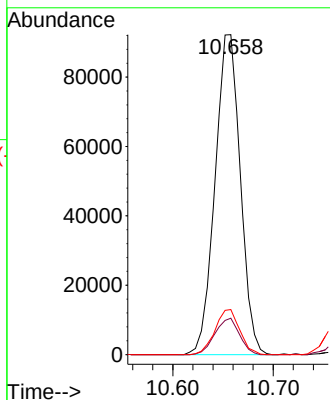
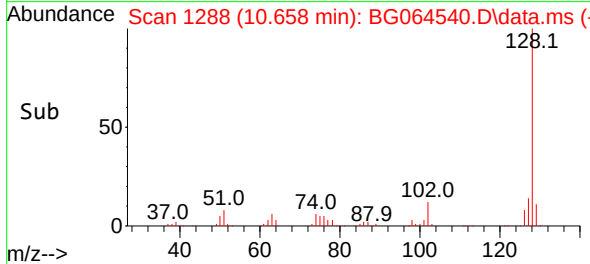
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



Tgt Ion:128 Resp: 161782
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 14.1 10.2 15.2

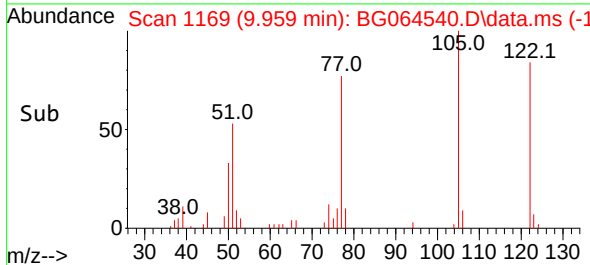
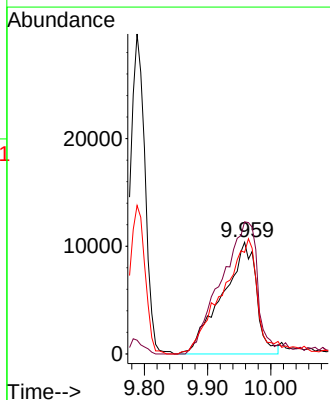
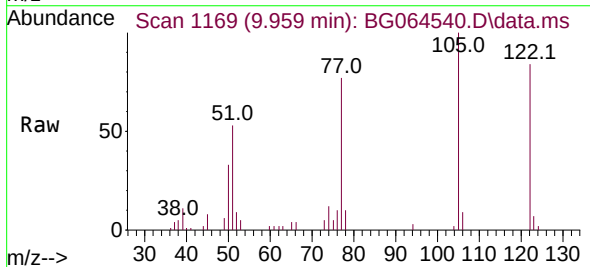
Manual Integrations
APPROVED

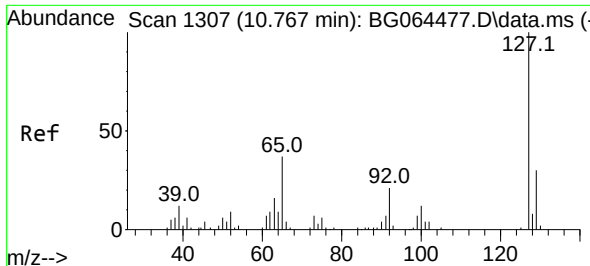
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#32
Benzoic acid
Concen: 67.122 ng
RT: 9.959 min Scan# 1169
Delta R.T. 0.070 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

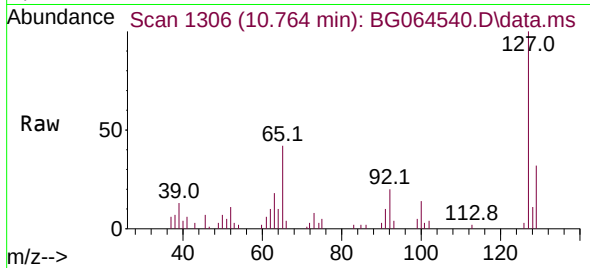
Tgt Ion:122 Resp: 39058
Ion Ratio Lower Upper
122 100
105 118.4 113.9 153.9
77 91.0 86.1 126.1





#33
4-Chloroaniline
Concen: 21.925 ng
RT: 10.764 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

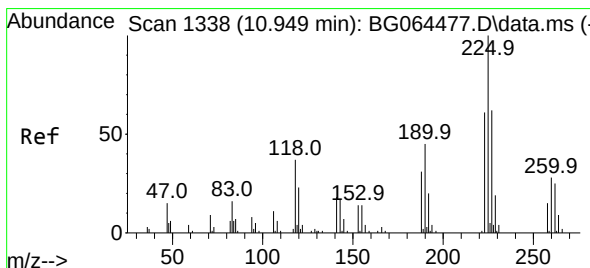
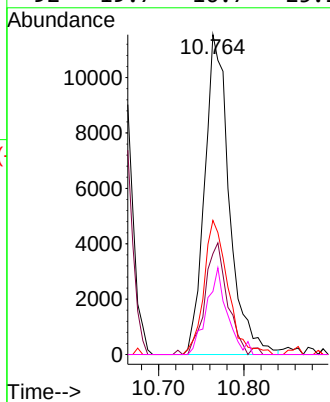
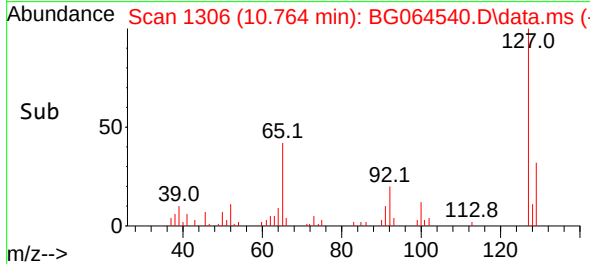
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



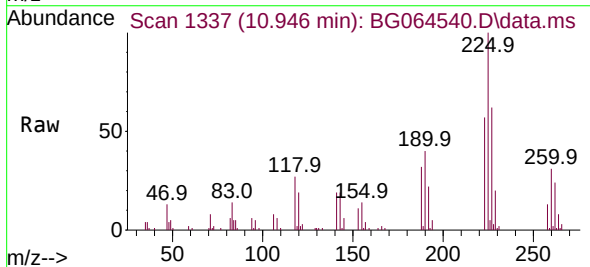
Tgt Ion:127 Resp: 23291
Ion Ratio Lower Upper
127 100
129 31.5 24.2 36.4
65 41.9 29.6 44.4
92 19.7 16.7 25.1

Manual Integrations
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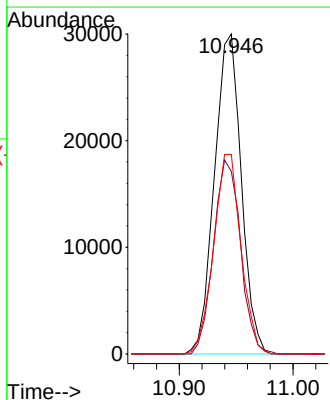
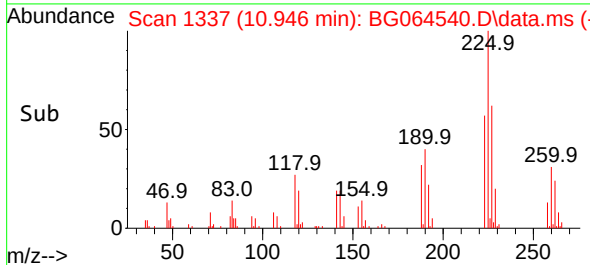
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

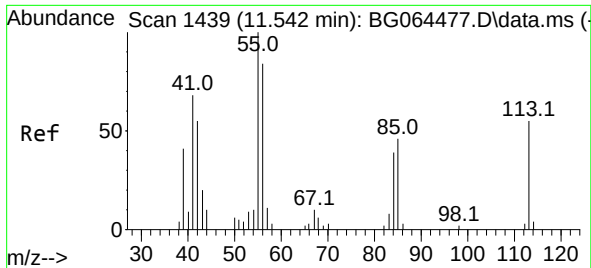


#34
Hexachlorobutadiene
Concen: 60.147 ng
RT: 10.946 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51



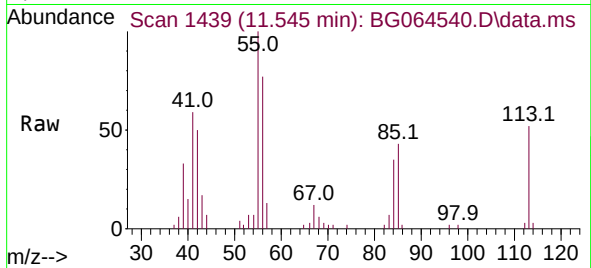
Tgt Ion:225 Resp: 49225
Ion Ratio Lower Upper
225 100
223 57.0 49.0 73.6
227 62.4 49.9 74.9





#35
 Caprolactam
 Concen: 53.113 ng m
 RT: 11.545 min Scan# 1439
 Delta R.T. 0.035 min
 Lab File: BG064540.D
 Acq: 17 Oct 2025 17:51

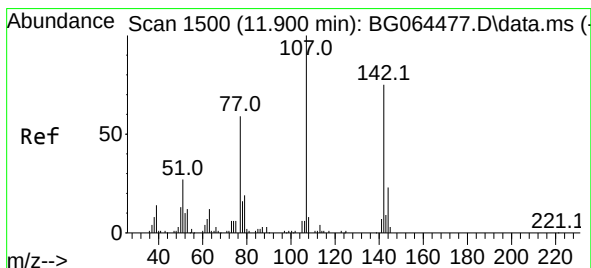
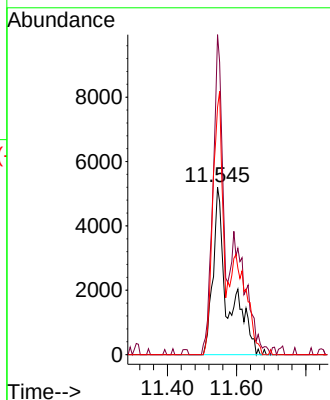
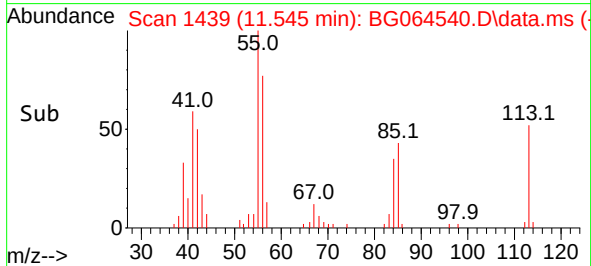
Instrument :
 BNA_G
 ClientSampleId :
 COMP01-20251015MSD



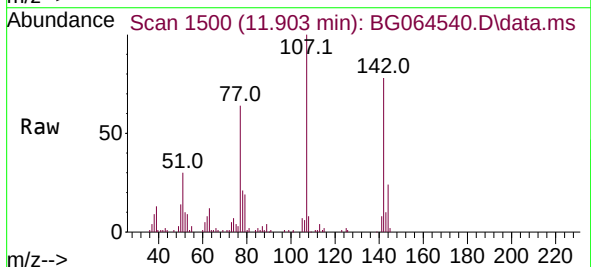
Tgt Ion:113 Resp: 15936
 Ion Ratio Lower Upper
 113 100
 55 191.2 162.0 202.0
 56 147.8 134.6 174.6

Manual Integrations
 APPROVED

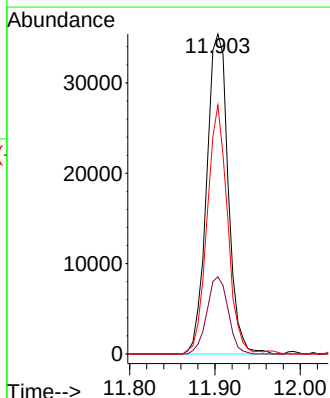
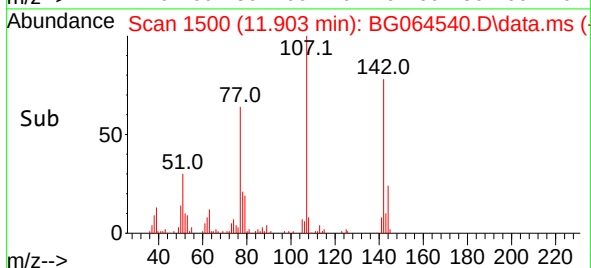
Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

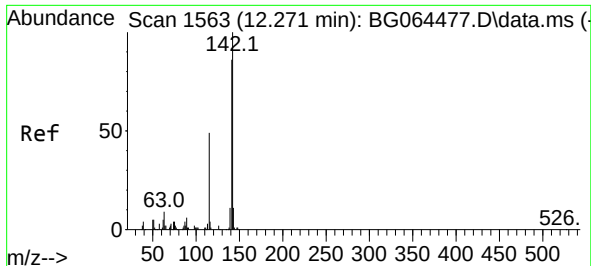


#36
 4-Chloro-3-methylphenol
 Concen: 58.297 ng
 RT: 11.903 min Scan# 1500
 Delta R.T. 0.011 min
 Lab File: BG064540.D
 Acq: 17 Oct 2025 17:51



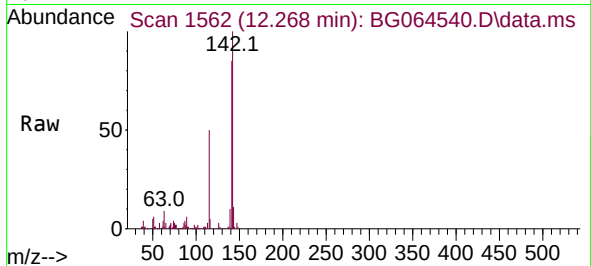
Tgt Ion:107 Resp: 62134
 Ion Ratio Lower Upper
 107 100
 144 24.1 18.7 28.1
 142 77.7 60.2 90.2





#37
2-Methylnaphthalene
Concen: 49.980 ng
RT: 12.268 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

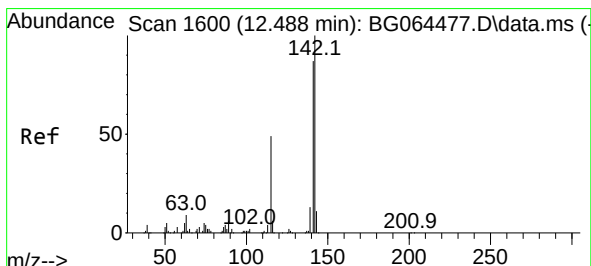
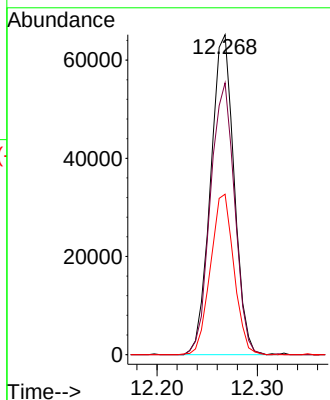
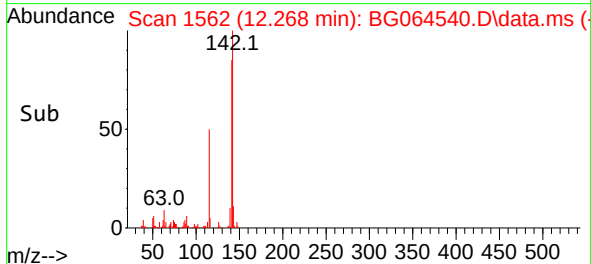
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



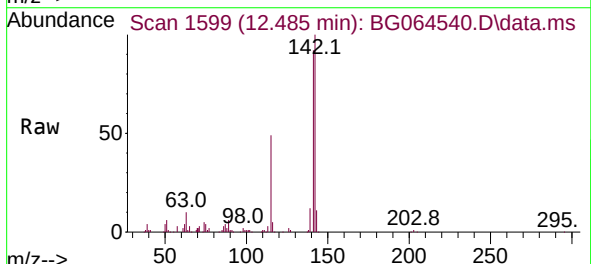
Tgt Ion:142 Resp: 106210
Ion Ratio Lower Upper
142 100
141 84.9 68.7 103.1
115 50.1 39.3 58.9

Manual Integrations
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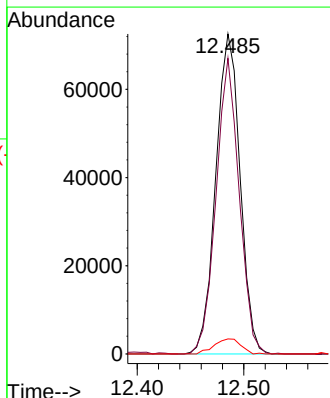
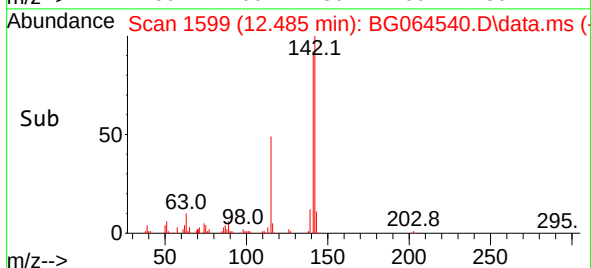
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

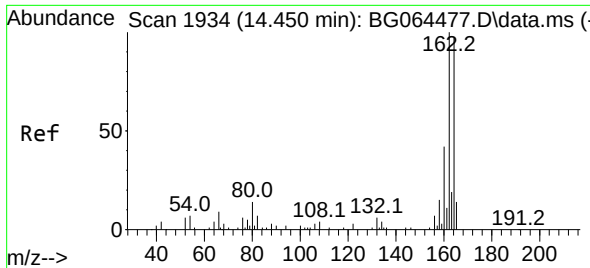


#38
1-Methylnaphthalene
Concen: 54.289 ng
RT: 12.485 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51



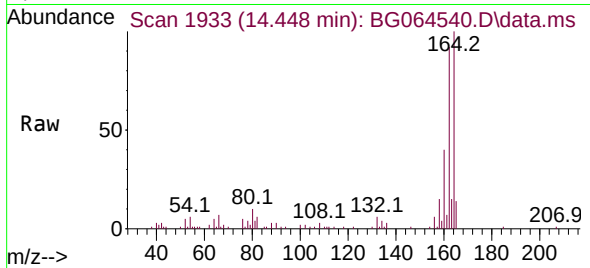
Tgt Ion:142 Resp: 115037
Ion Ratio Lower Upper
142 100
141 92.4 69.8 104.8
116 4.7 4.6 6.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.448 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

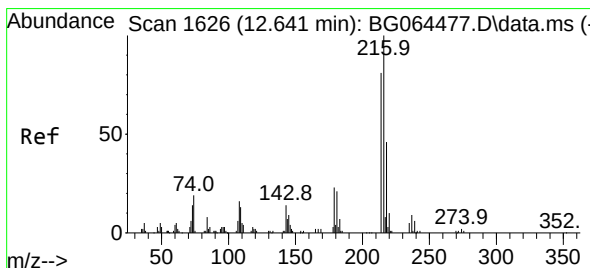
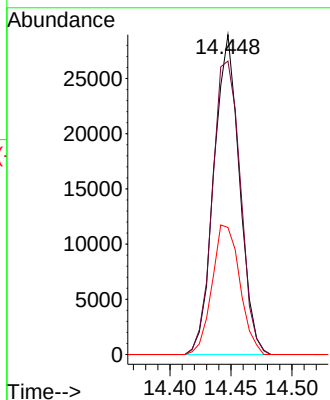
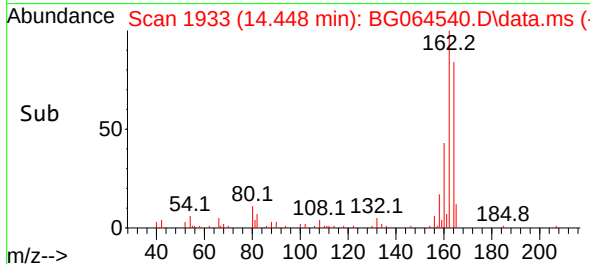
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



Tgt Ion:164 Resp: 42324
Ion Ratio Lower Upper
164 100
162 91.7 82.2 123.2
160 39.7 34.3 51.5

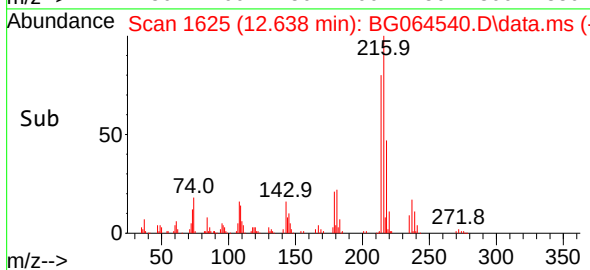
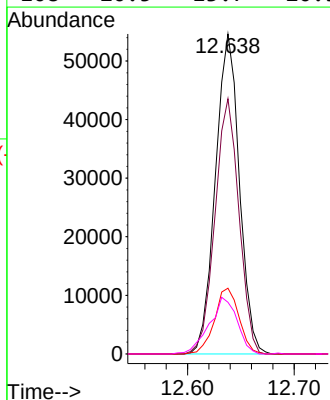
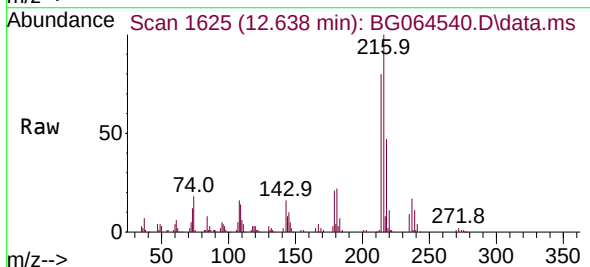
Manual Integrations
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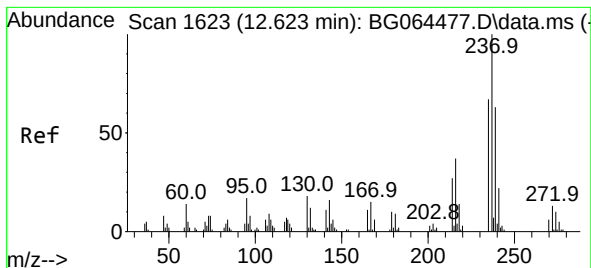
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 62.405 ng
RT: 12.638 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

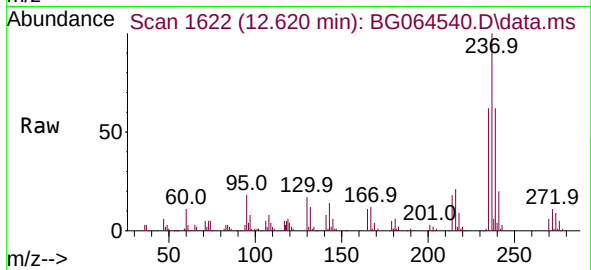
Tgt Ion:216 Resp: 85281
Ion Ratio Lower Upper
216 100
214 79.6 62.5 93.7
179 21.0 17.0 25.6
108 20.5 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 145.696 ng
RT: 12.620 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

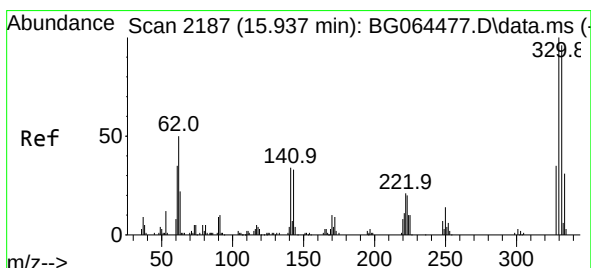
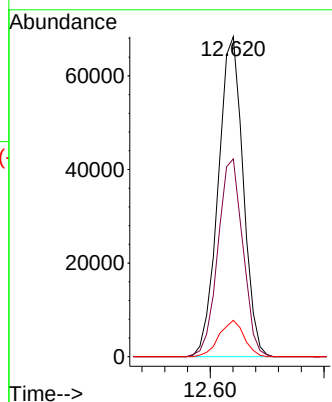
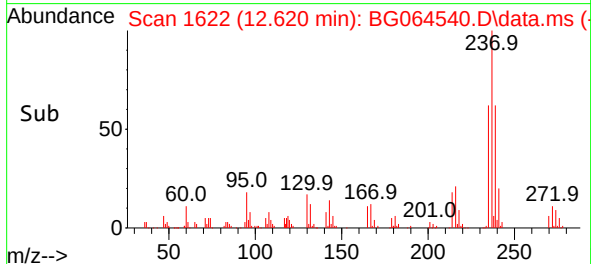
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



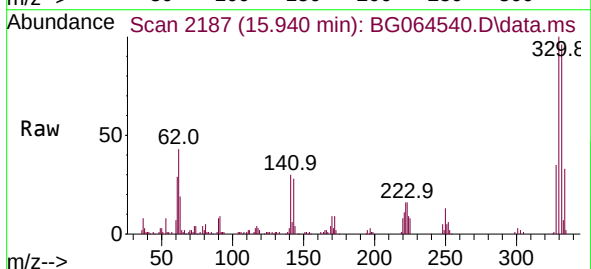
Tgt Ion:237 Resp: 104149
Ion Ratio Lower Upper
237 100
235 61.8 46.9 86.9
272 11.3 0.0 32.6

Manual Integrations
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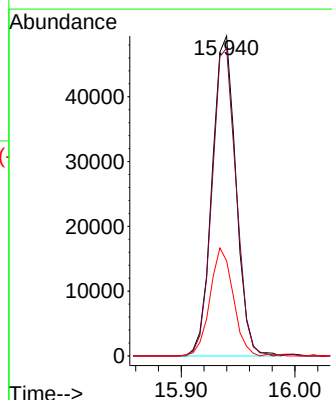
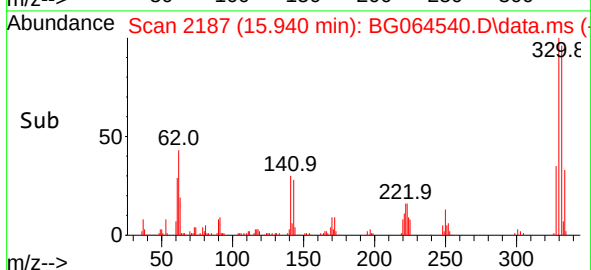
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

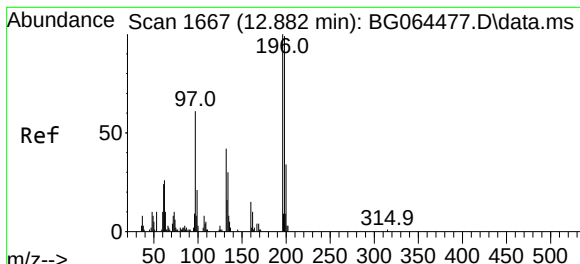


#42
2,4,6-Tribromophenol
Concen: 93.454 ng
RT: 15.940 min Scan# 2187
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51



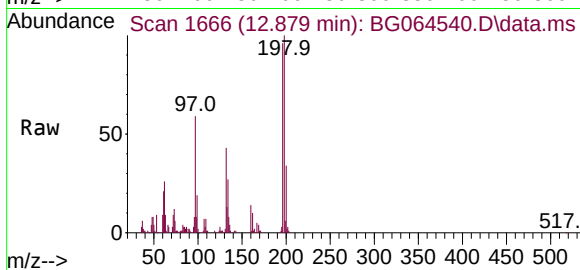
Tgt Ion:330 Resp: 71696
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 32.9 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 57.421 ng
RT: 12.879 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

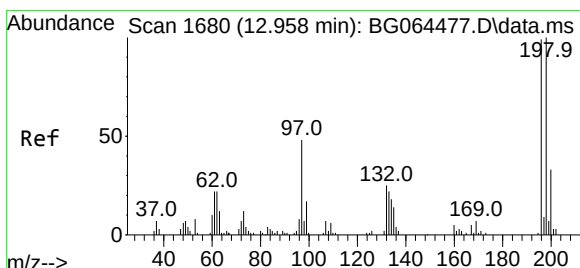
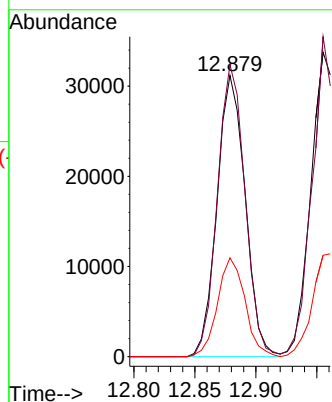
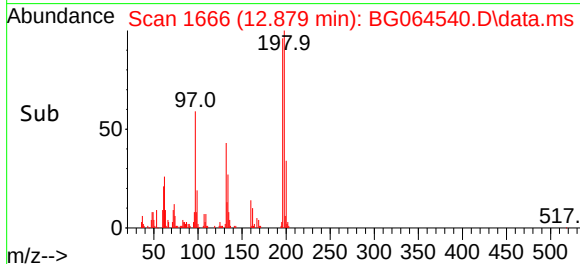
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



Tgt Ion:196 Resp: 50162
Ion Ratio Lower Upper
196 100
198 103.8 79.3 118.9
200 35.1 27.4 41.2

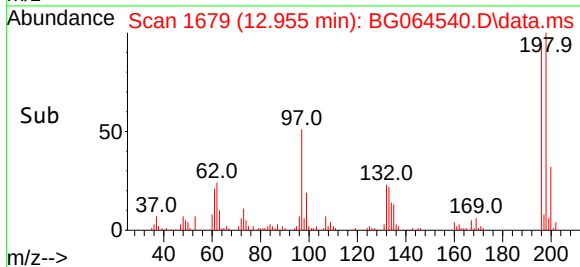
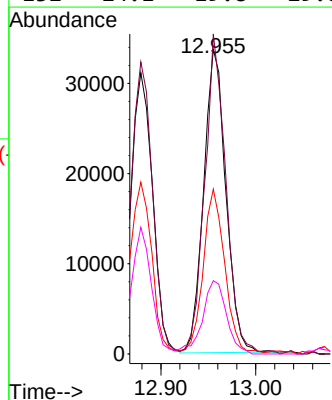
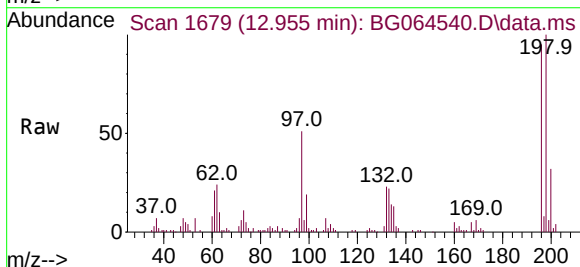
Manual Integrations
APPROVED

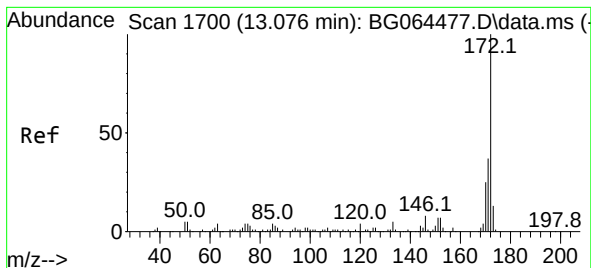
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#44
2,4,5-Trichlorophenol
Concen: 56.296 ng
RT: 12.955 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

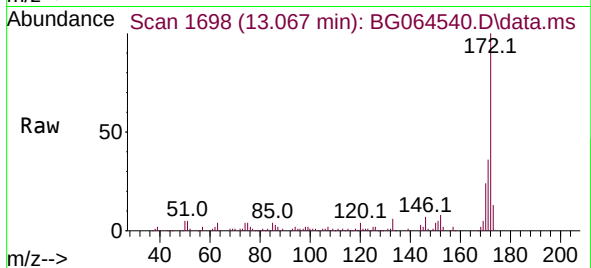
Tgt Ion:196 Resp: 54905
Ion Ratio Lower Upper
196 100
198 105.1 80.3 120.5
97 54.1 39.4 59.0
132 24.1 19.8 29.8





#45
2-Fluorobiphenyl
Concen: 48.754 ng
RT: 13.067 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

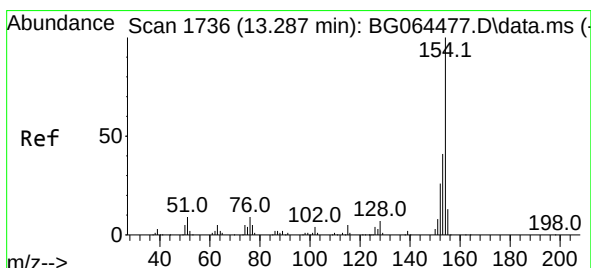
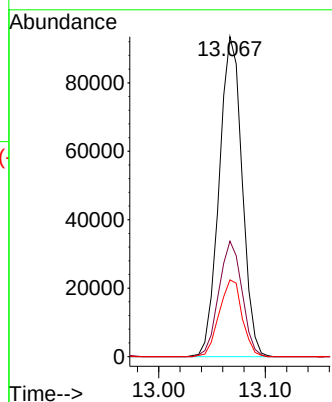
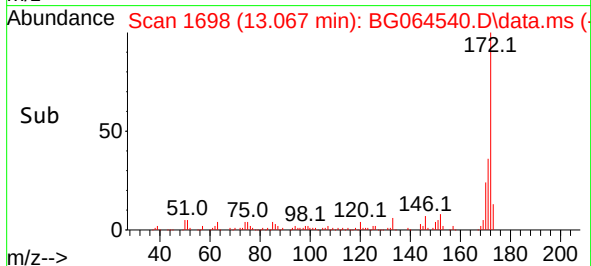
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



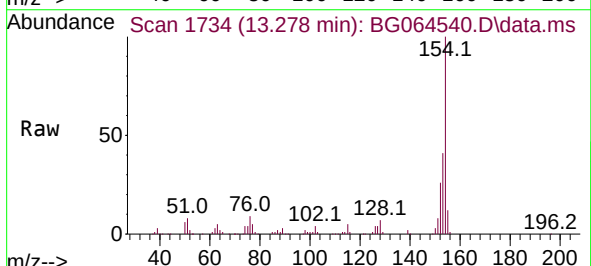
Tgt Ion:172 Resp: 139992
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.0 20.2 30.2

Manual Integrations
APPROVED

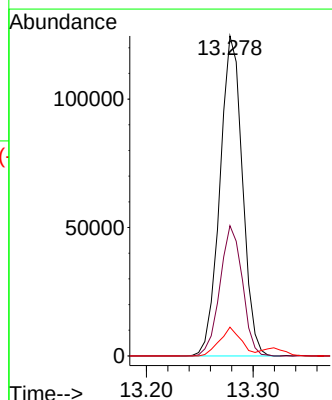
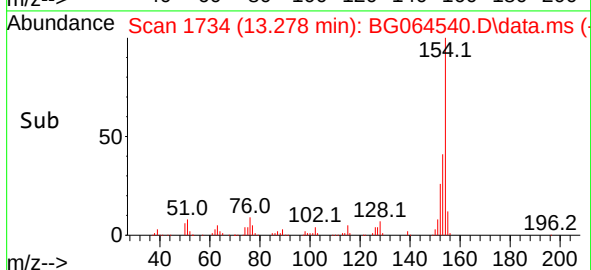
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

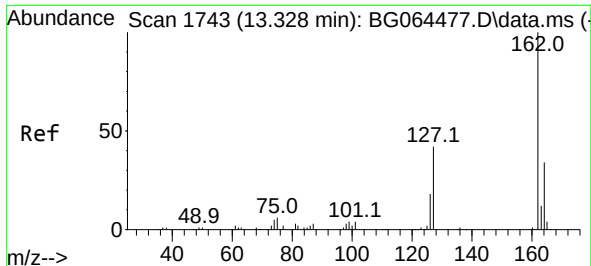


#46
1,1'-Biphenyl
Concen: 60.226 ng
RT: 13.278 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51



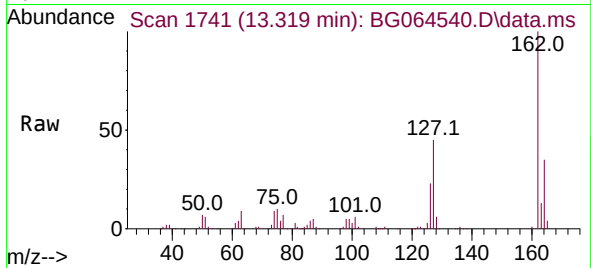
Tgt Ion:154 Resp: 183332
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 9.0 0.0 29.3





#47
2-Chloronaphthalene
Concen: 54.256 ng
RT: 13.319 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

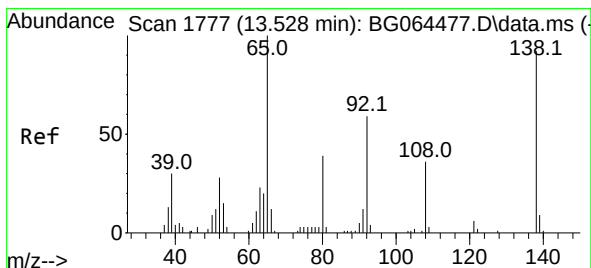
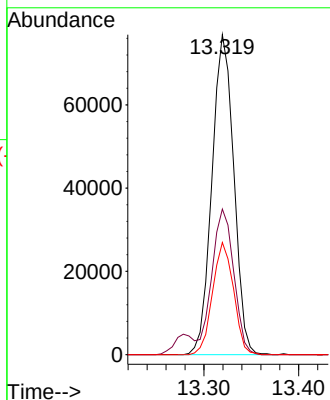
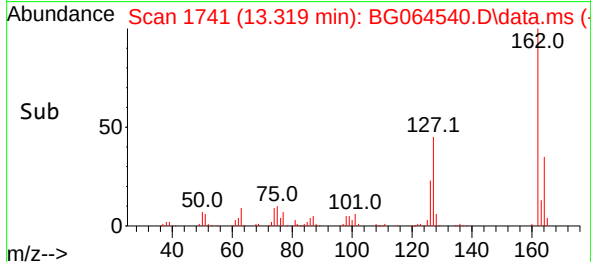
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



Tgt Ion:162 Resp: 123311
Ion Ratio Lower Upper
162 100
127 45.5 35.8 53.8
164 35.0 27.2 40.8

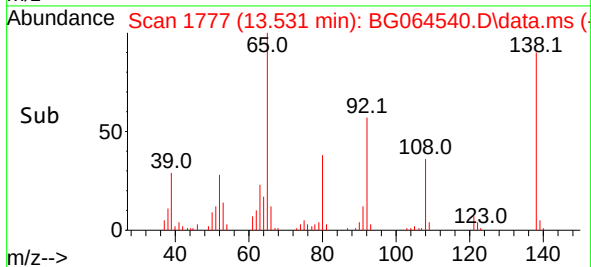
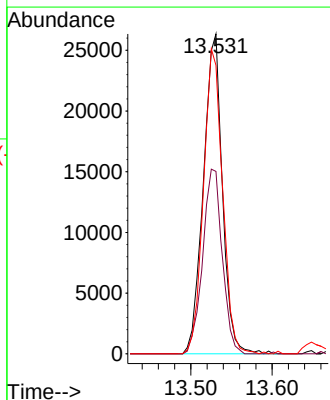
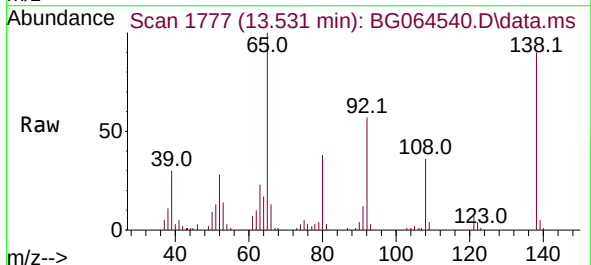
Manual Integrations
APPROVED

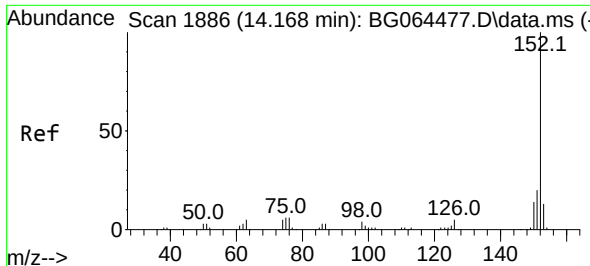
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#48
2-Nitroaniline
Concen: 55.296 ng
RT: 13.531 min Scan# 1777
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

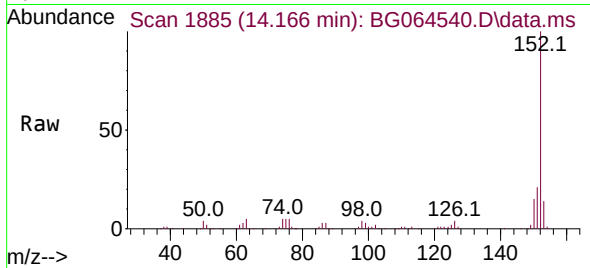
Tgt Ion: 65 Resp: 42893
Ion Ratio Lower Upper
65 100
92 57.0 47.0 70.6
138 90.2 73.5 110.3





#49
Acenaphthylene
Concen: 63.167 ng
RT: 14.166 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

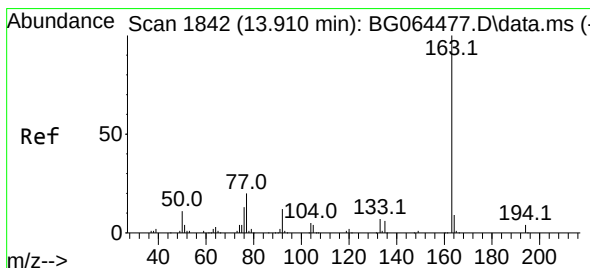
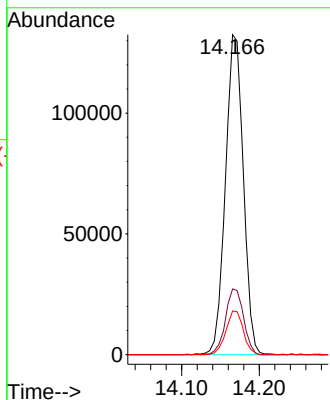
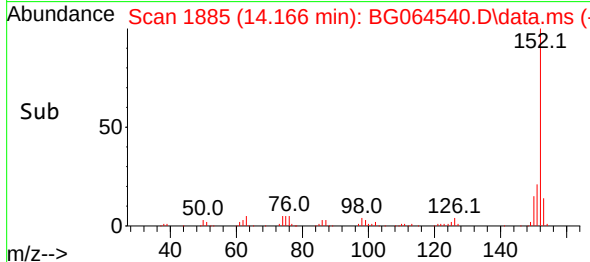
Instrument : BNA_G
ClientSampleId : COMP01-20251015MSD



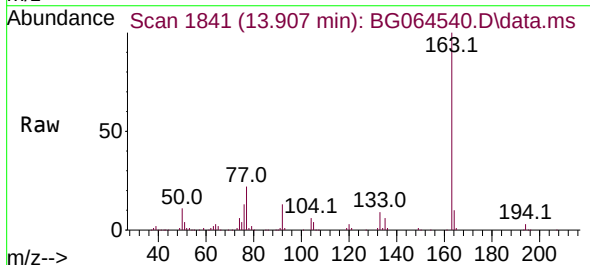
Tgt Ion:152 Resp: 213116
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.6
153 13.6 10.6 15.8

Manual Integrations
APPROVED

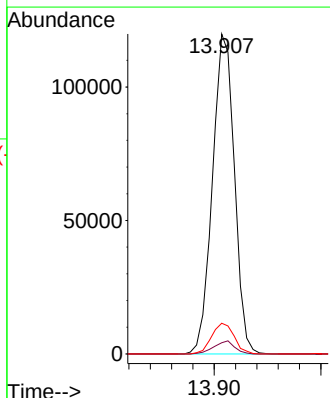
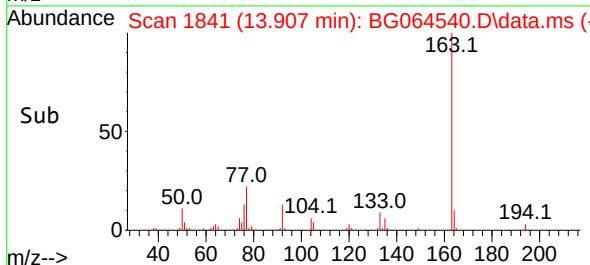
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

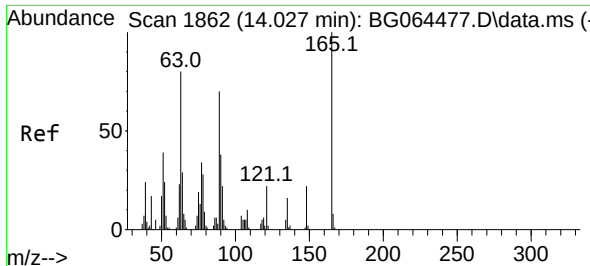


#50
Dimethylphthalate
Concen: 51.757 ng
RT: 13.907 min Scan# 1841
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51



Tgt Ion:163 Resp: 171566
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 9.6 7.4 11.0





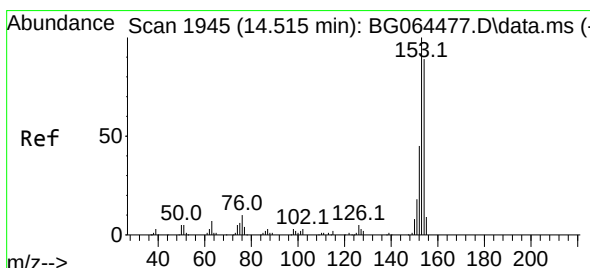
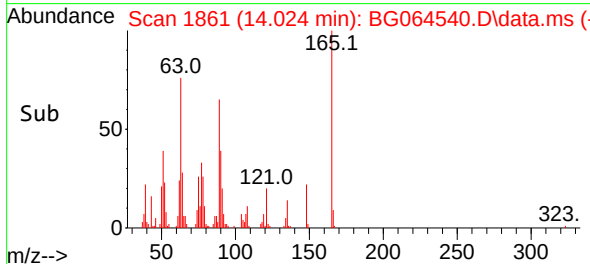
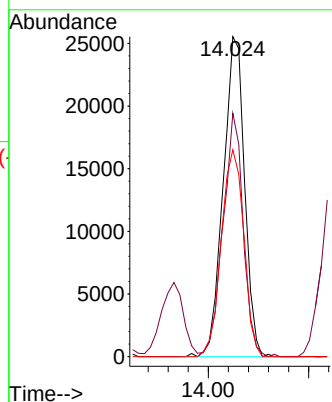
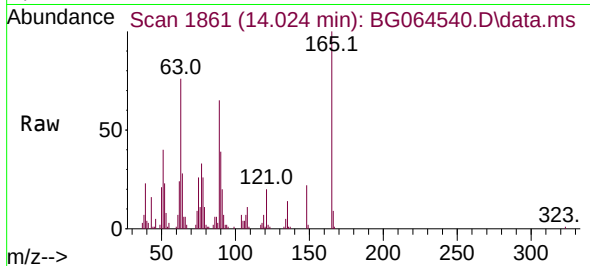
#51
2,6-Dinitrotoluene
Concen: 54.581 ng
RT: 14.024 min Scan# 1862
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD

Tgt Ion:165 Resp: 37689
Ion Ratio Lower Upper
165 100
63 76.1 63.9 95.9
89 64.6 56.1 84.1

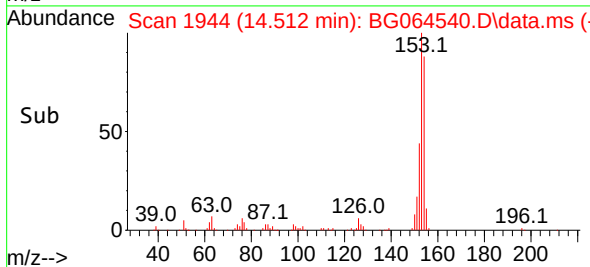
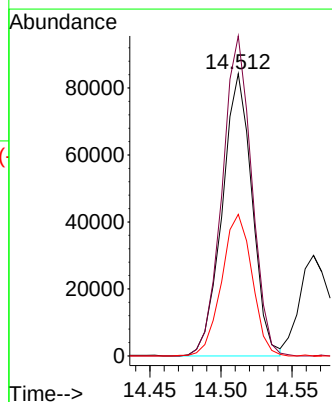
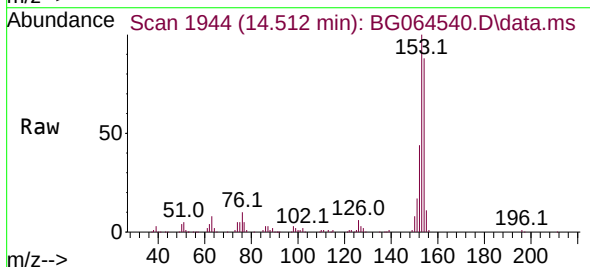
Manual Integrations
APPROVED

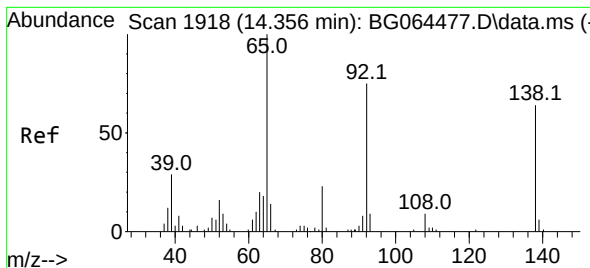
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#52
Acenaphthene
Concen: 52.566 ng
RT: 14.512 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

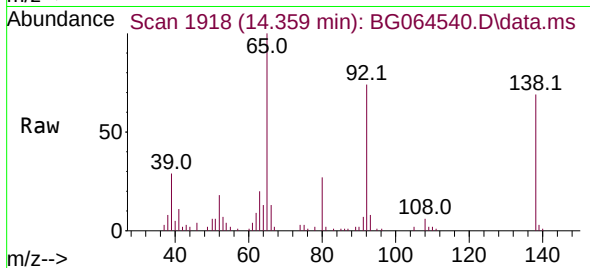
Tgt Ion:154 Resp: 123214
Ion Ratio Lower Upper
154 100
153 113.4 90.2 135.4
152 50.2 40.2 60.4





#53
3-Nitroaniline
Concen: 33.537 ng
RT: 14.359 min Scan# 1918
Delta R.T. 0.011 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

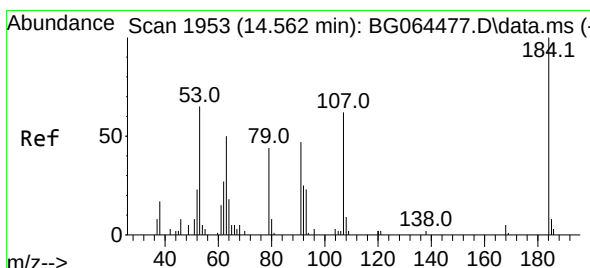
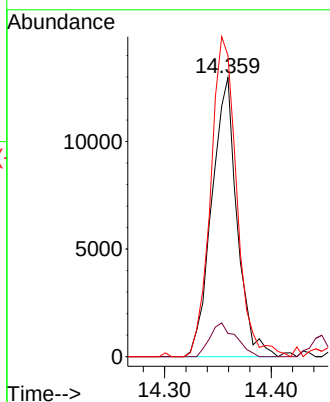
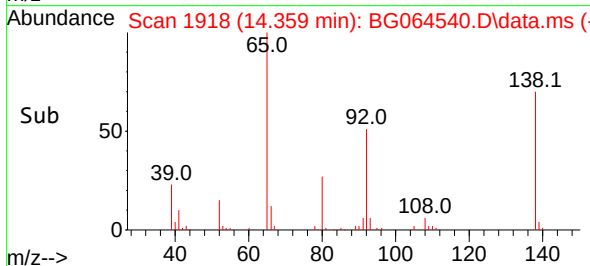
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



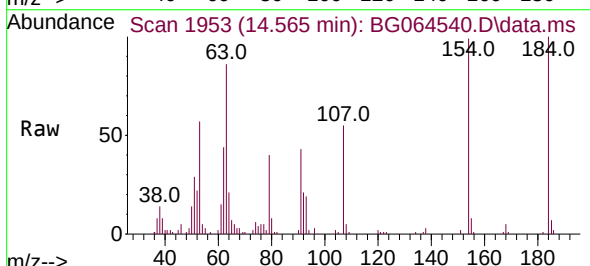
Tgt Ion:138 Resp: 21352
Ion Ratio Lower Upper
138 100
108 8.3 10.6 15.8
92 107.9 93.2 139.8

Manual Integrations
APPROVED

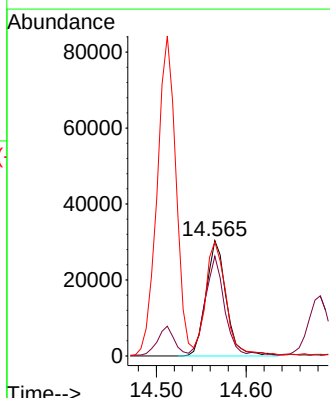
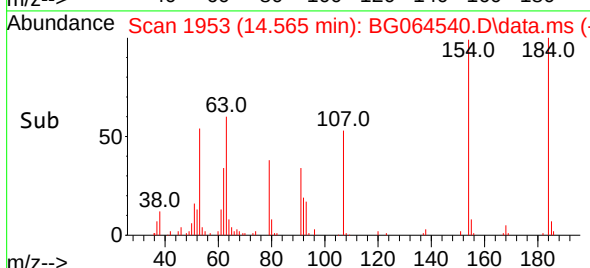
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

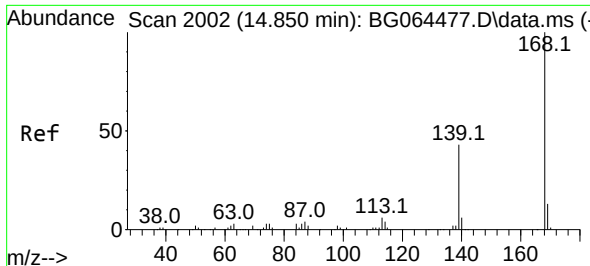


#54
2,4-Dinitrophenol
Concen: 94.653 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51



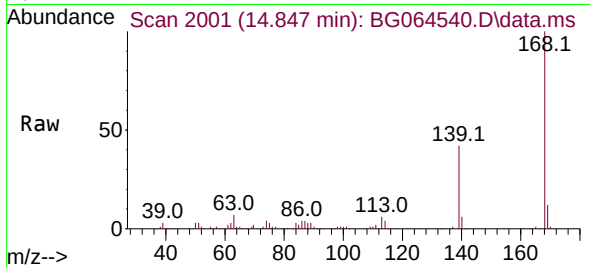
Tgt Ion:184 Resp: 47393
Ion Ratio Lower Upper
184 100
63 86.5 69.0 103.4
154 98.9 95.6 143.4





#55
Dibenzenofuran
Concen: 54.671 ng
RT: 14.847 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

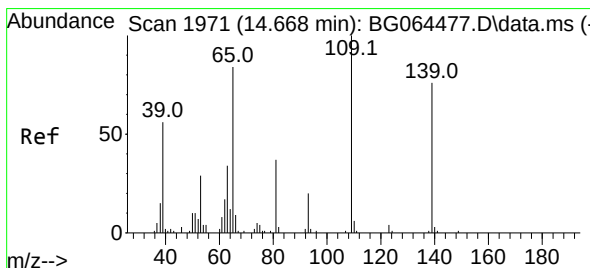
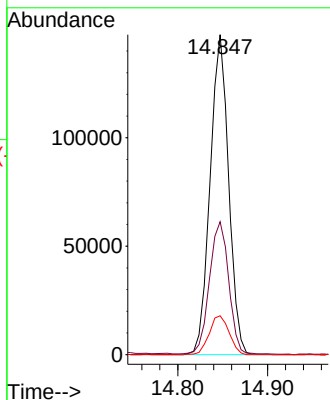
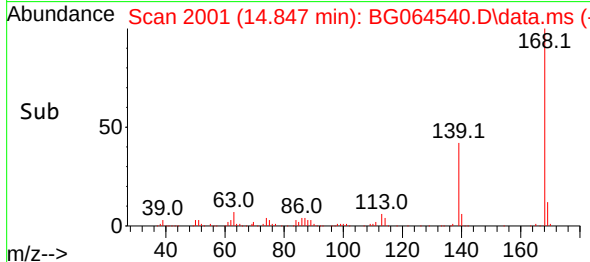
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



Tgt Ion:168 Resp: 211592
Ion Ratio Lower Upper
168 100
139 41.5 34.0 51.0
169 12.1 10.2 15.2

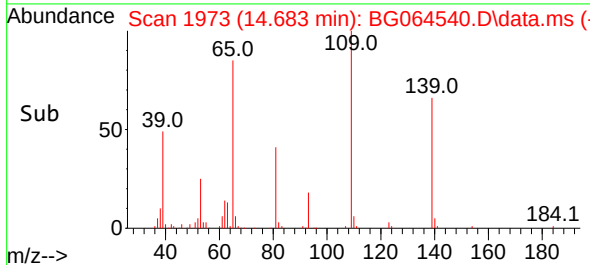
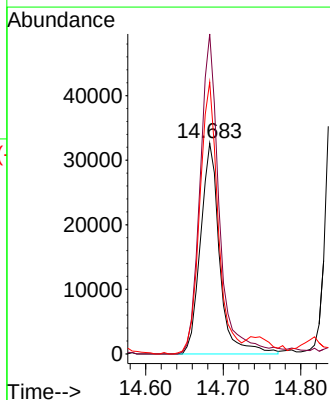
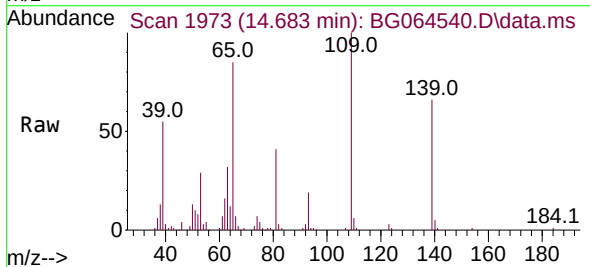
Manual Integrations
APPROVED

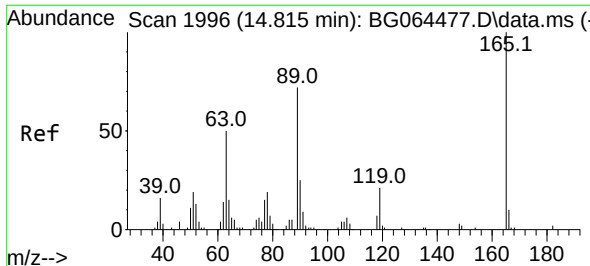
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#56
4-Nitrophenol
Concen: 111.664 ng
RT: 14.683 min Scan# 1973
Delta R.T. 0.017 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

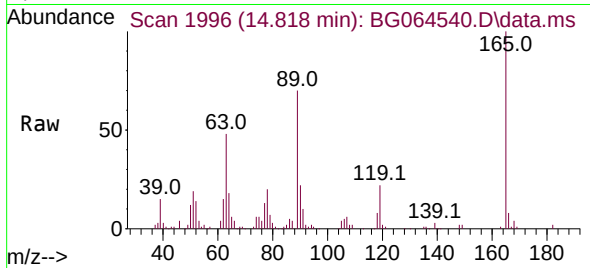
Tgt Ion:139 Resp: 55987
Ion Ratio Lower Upper
139 100
109 151.9 111.8 151.8#
65 129.0 91.1 131.1





#57
2,4-Dinitrotoluene
Concen: 55.649 ng
RT: 14.818 min Scan# 1996
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

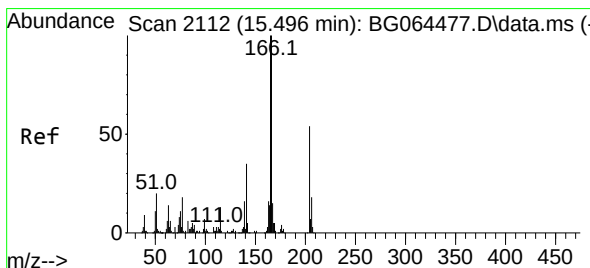
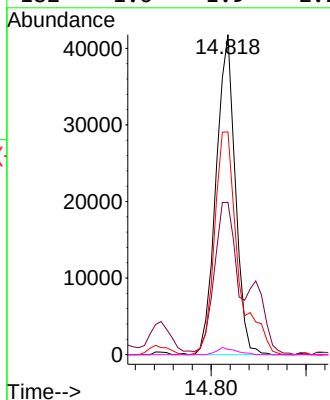
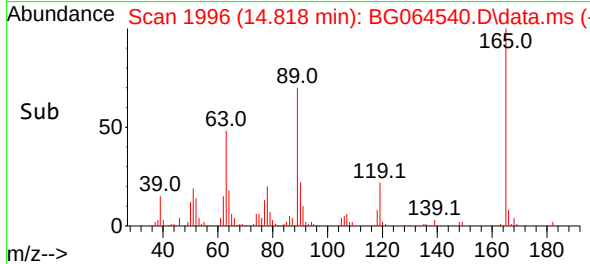
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



Tgt Ion:165 Resp: 58742
Ion Ratio Lower Upper
165 100
63 47.6 40.4 60.6
89 69.6 57.3 85.9
182 1.6 1.9 2.9#

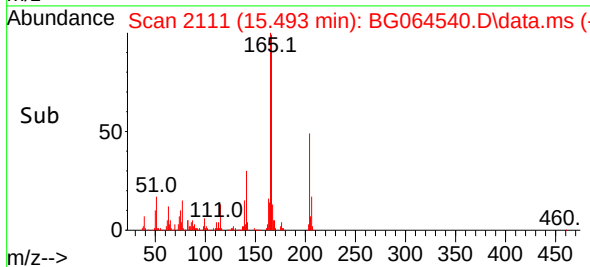
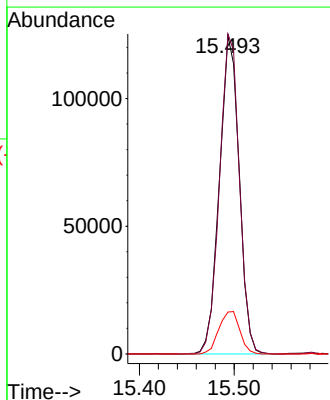
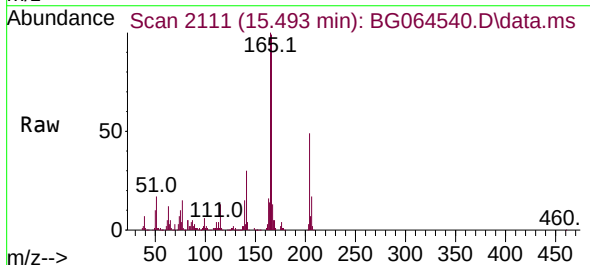
Manual Integrations
APPROVED

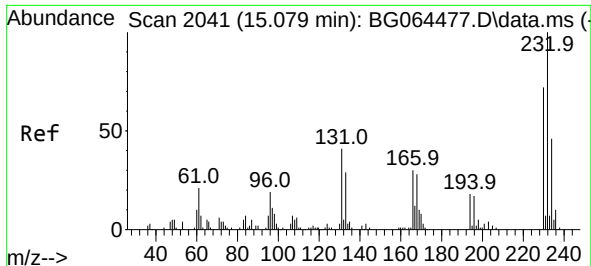
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#58
Fluorene
Concen: 56.036 ng
RT: 15.493 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

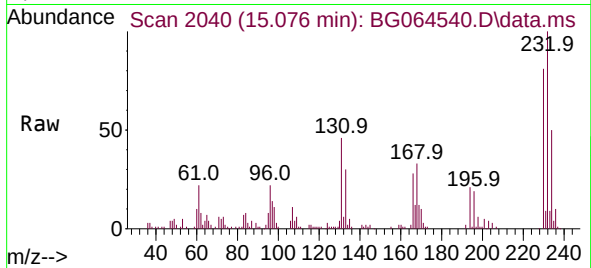
Tgt Ion:166 Resp: 180297
Ion Ratio Lower Upper
166 100
165 100.6 79.8 119.6
167 13.2 11.7 17.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 58.889 ng
RT: 15.076 min Scan# 2041
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

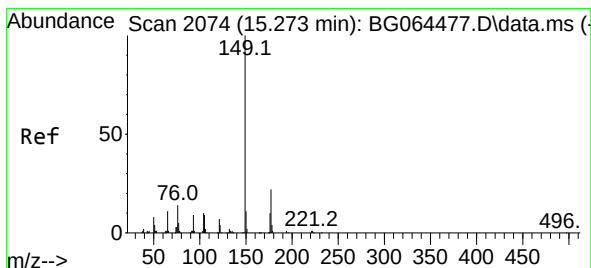
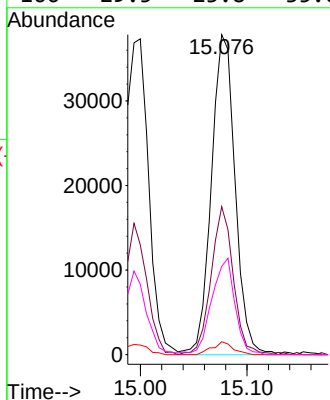
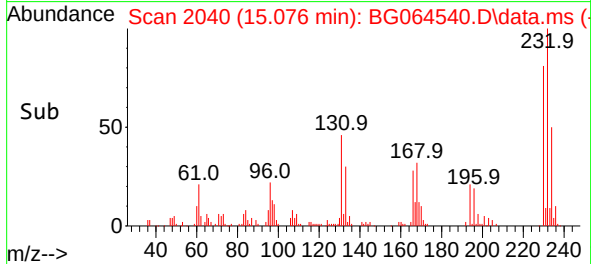
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



Tgt Ion:232 Resp: 58615
Ion Ratio Lower Upper
232 100
131 43.5 35.0 52.4
130 3.5 2.0 3.0
166 29.5 23.8 35.6

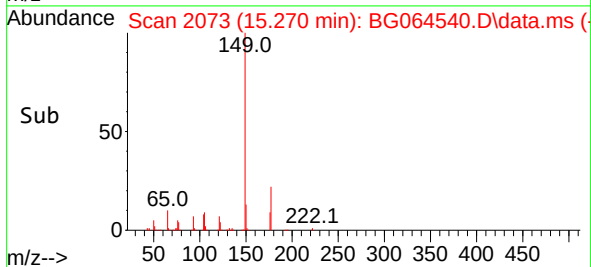
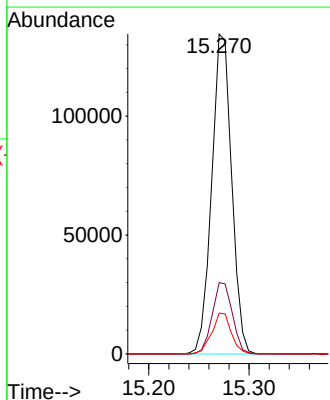
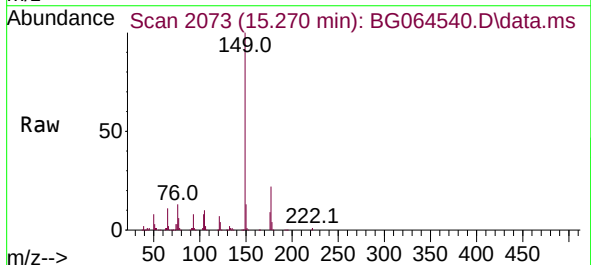
Manual Integrations
APPROVED

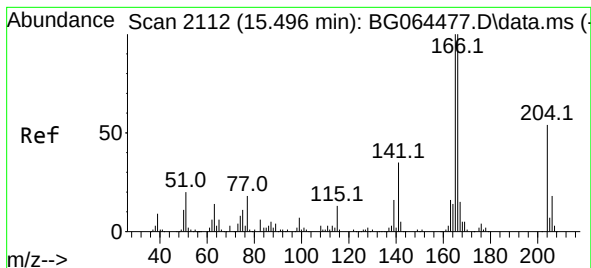
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#60
Diethylphthalate
Concen: 52.339 ng
RT: 15.270 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

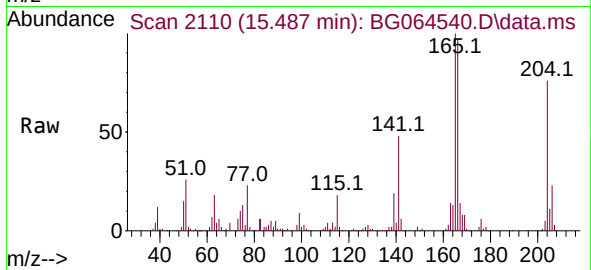
Tgt Ion:149 Resp: 186116
Ion Ratio Lower Upper
149 100
177 22.3 17.4 26.0
150 12.7 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 53.782 ng
RT: 15.487 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

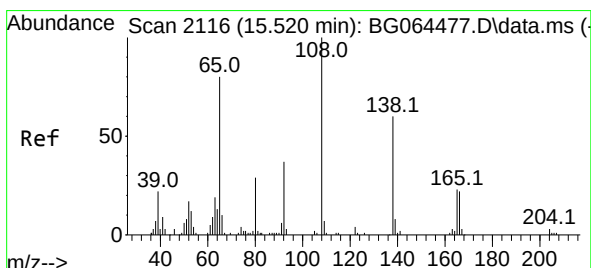
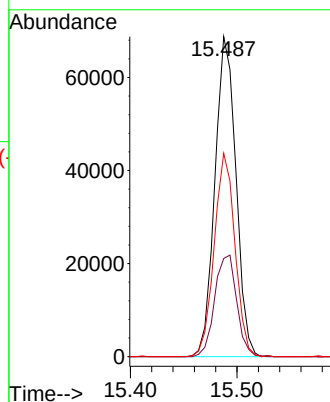
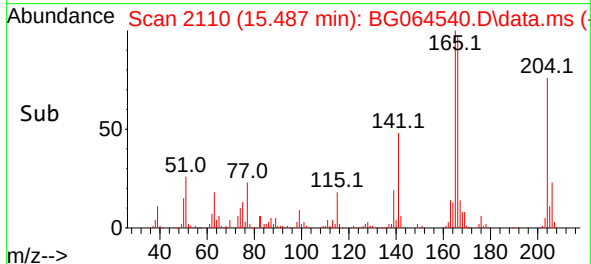
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



Tgt Ion:204 Resp: 94473
Ion Ratio Lower Upper
204 100
206 30.7 27.1 40.7
141 63.5 51.5 77.3

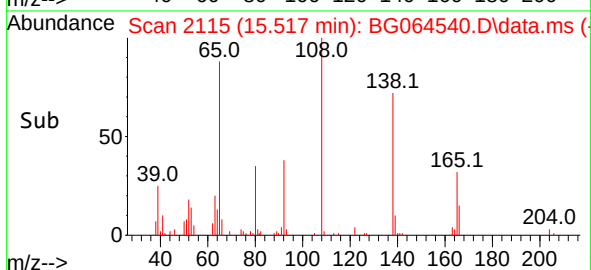
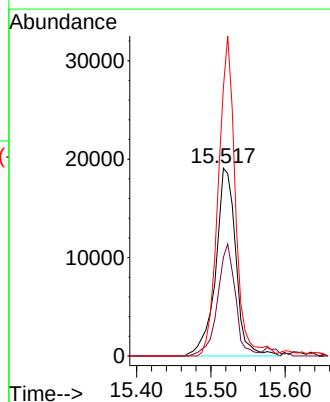
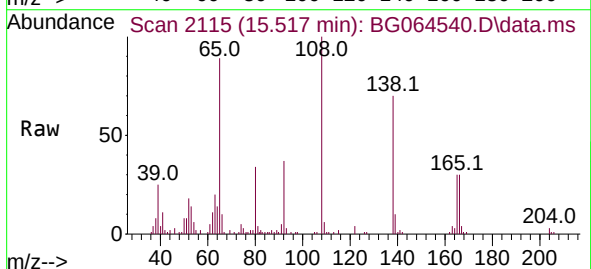
Manual Integrations
APPROVED

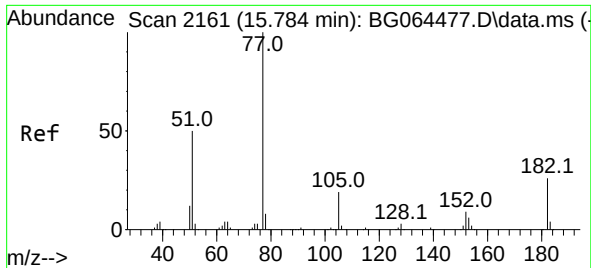
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#62
4-Nitroaniline
Concen: 54.205 ng
RT: 15.517 min Scan# 2115
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

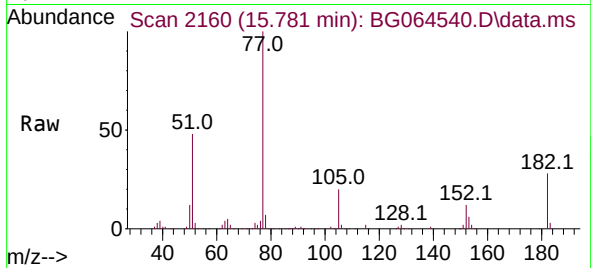
Tgt Ion:138 Resp: 35978
Ion Ratio Lower Upper
138 100
92 52.5 42.3 82.3
108 143.0 147.7 187.7#





#63
Azobenzene
Concen: 58.000 ng
RT: 15.781 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

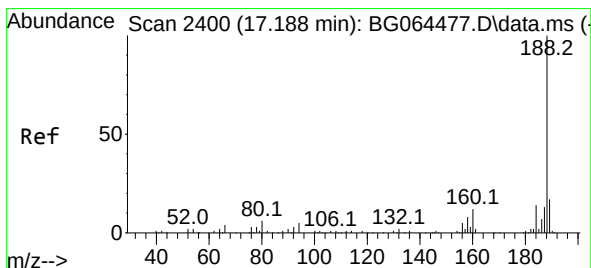
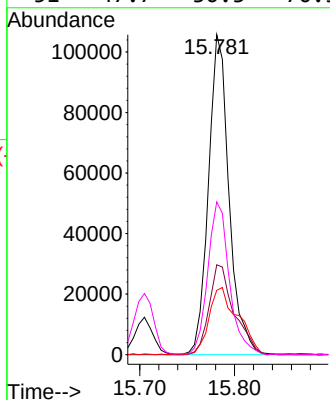
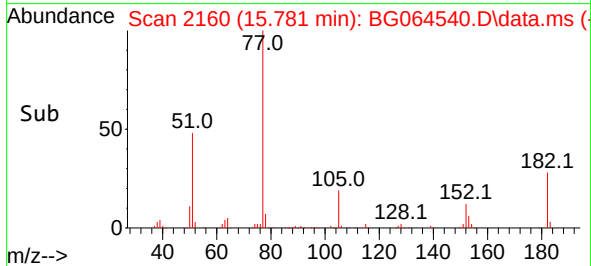
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



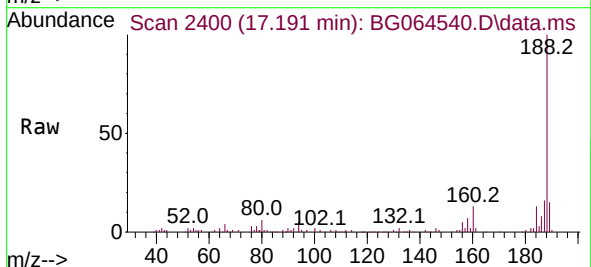
Tgt Ion: 77 Resp: 159730
Ion Ratio Lower Upper
77 100
182 28.1 6.3 46.3
105 20.1 0.0 38.7
51 47.7 30.3 70.3

Manual Integrations
APPROVED

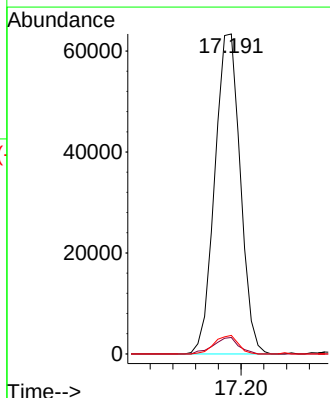
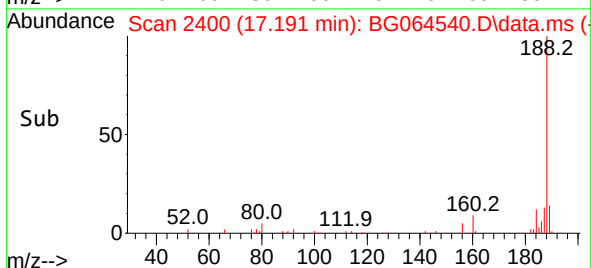
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

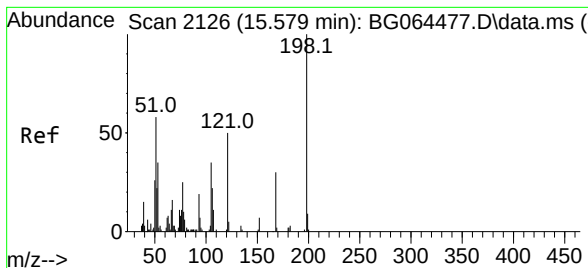


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.191 min Scan# 2400
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51



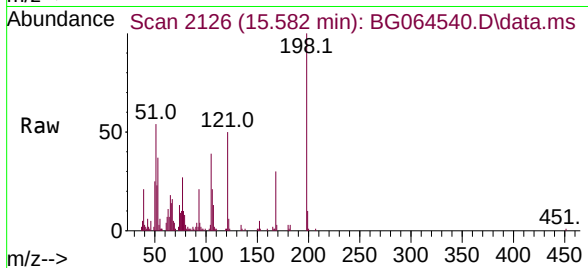
Tgt Ion:188 Resp: 98552
Ion Ratio Lower Upper
188 100
94 5.1 3.7 5.5
80 5.8 4.5 6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 56.259 ng
RT: 15.582 min Scan# 2126
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

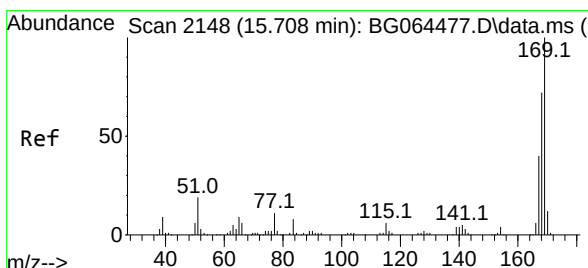
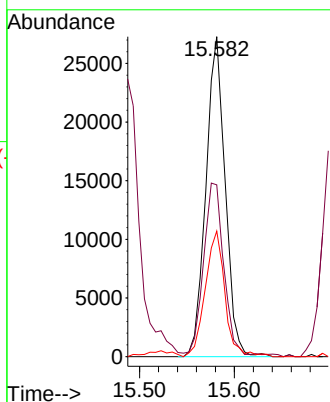
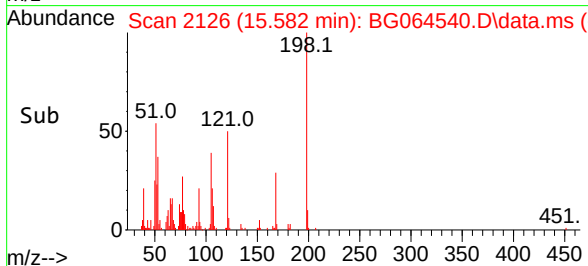
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



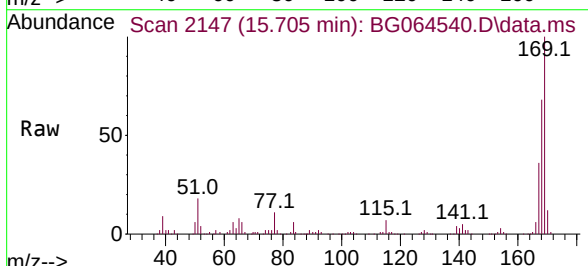
Tgt Ion:198 Resp: 38604
Ion Ratio Lower Upper
198 100
51 53.7 39.0 79.0
105 39.2 15.8 55.8

Manual Integrations
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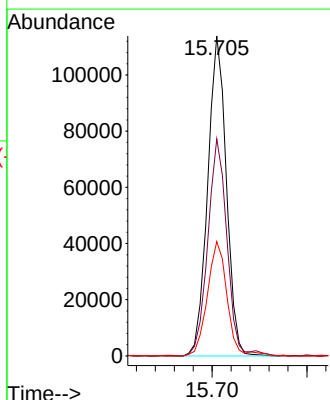
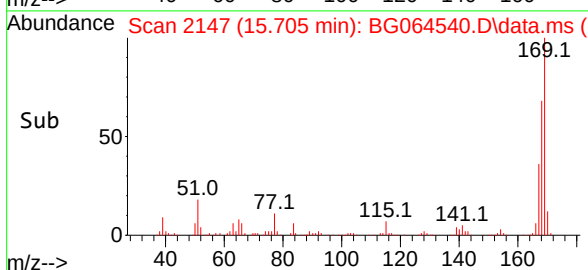
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

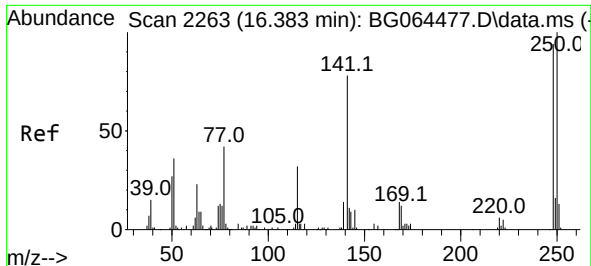


#66
n-Nitrosodiphenylamine
Concen: 59.191 ng
RT: 15.705 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51



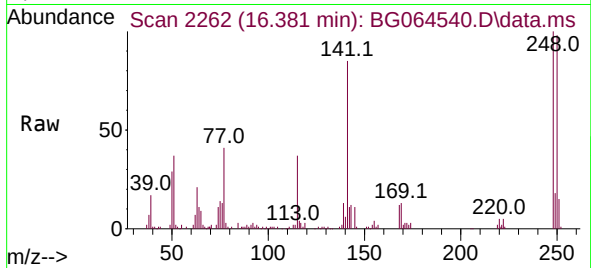
Tgt Ion:169 Resp: 155774
Ion Ratio Lower Upper
169 100
168 67.8 57.8 86.6
167 35.7 31.7 47.5





#67
4-Bromophenyl-phenylether
Concen: 57.595 ng
RT: 16.381 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

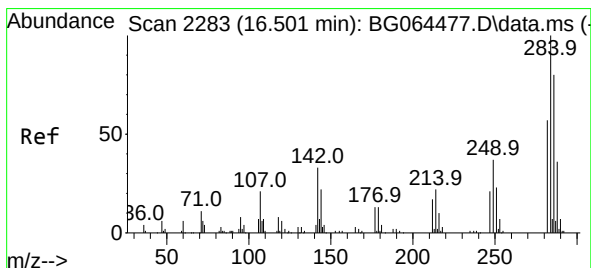
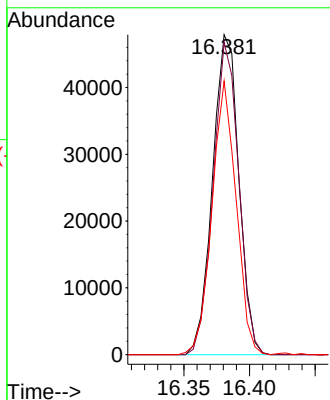
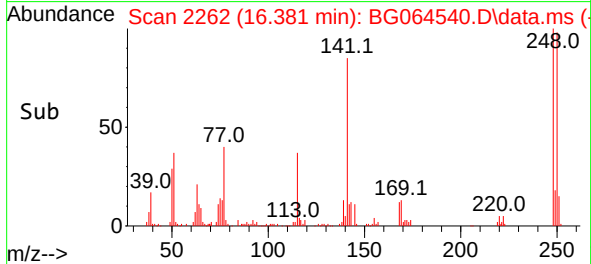
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



Tgt Ion:248 Resp: 66795
Ion Ratio Lower Upper
248 100
250 97.5 85.3 127.9
141 85.5 66.2 99.2

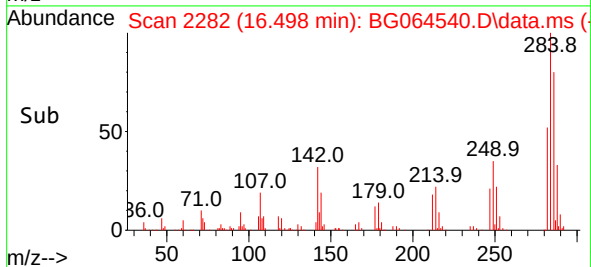
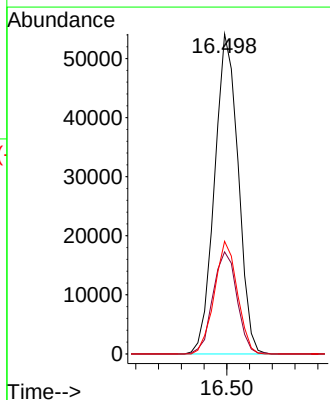
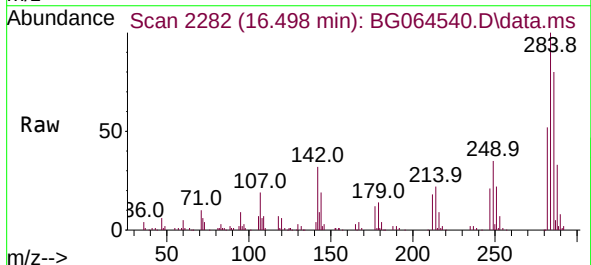
Manual Integrations
APPROVED

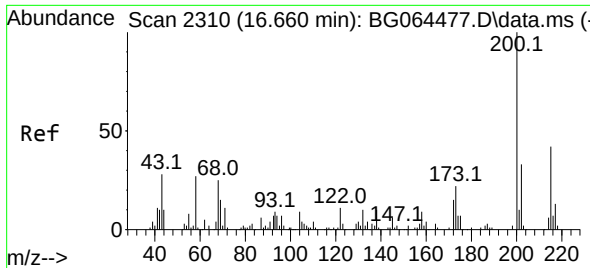
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#68
Hexachlorobenzene
Concen: 58.863 ng
RT: 16.498 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

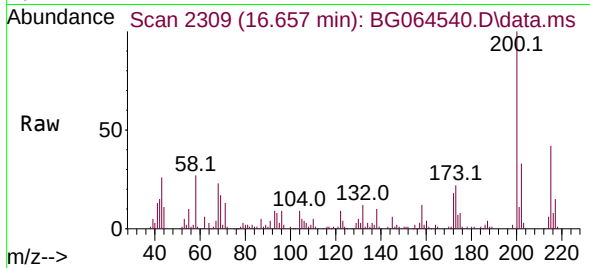
Tgt Ion:284 Resp: 78114
Ion Ratio Lower Upper
284 100
142 31.9 26.2 39.2
249 35.2 29.4 44.0





#69
 Atrazine
 Concen: 61.166 ng
 RT: 16.657 min Scan# 2309
 Delta R.T. 0.005 min
 Lab File: BG064540.D
 Acq: 17 Oct 2025 17:51

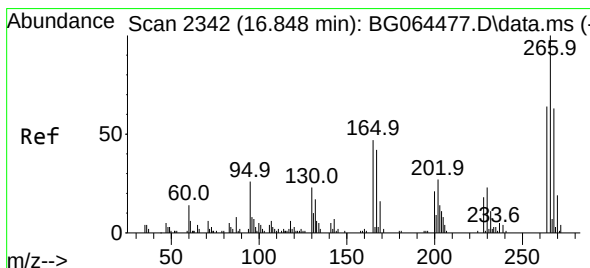
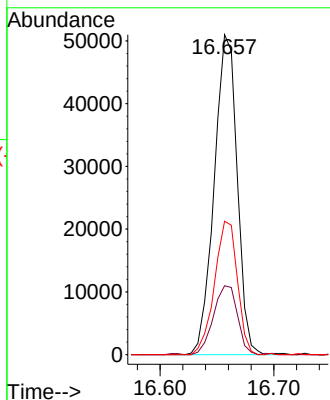
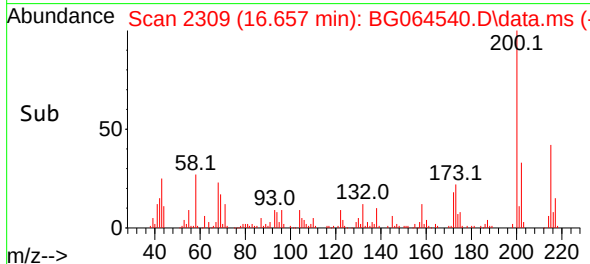
Instrument :
 BNA_G
 ClientSampleId :
 COMP01-20251015MSD



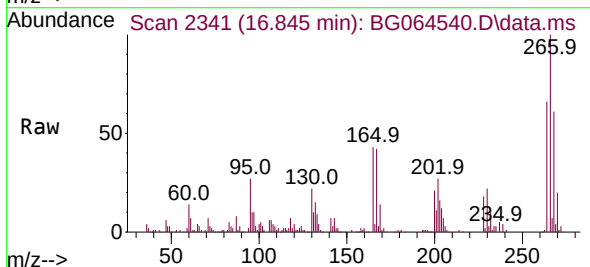
Tgt Ion:200 Resp: 71618
 Ion Ratio Lower Upper
 200 100
 173 21.5 2.5 42.5
 215 41.7 21.5 61.5

Manual Integrations
 APPROVED

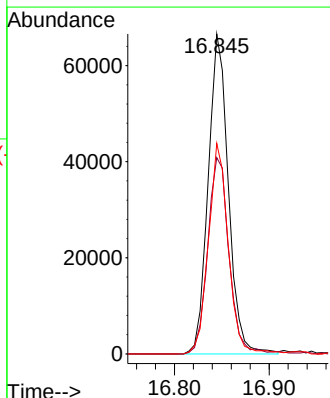
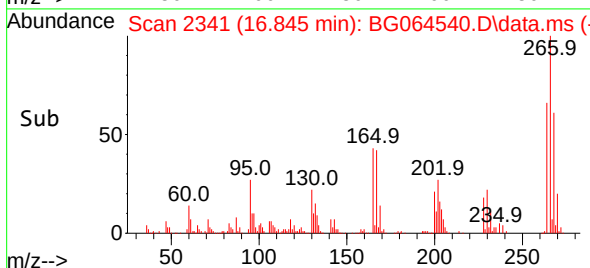
Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

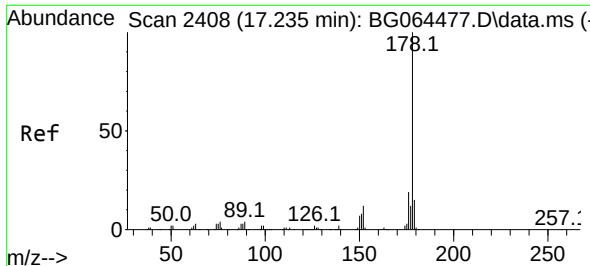


#70
 Pentachlorophenol
 Concen: 127.110 ng
 RT: 16.845 min Scan# 2341
 Delta R.T. -0.000 min
 Lab File: BG064540.D
 Acq: 17 Oct 2025 17:51



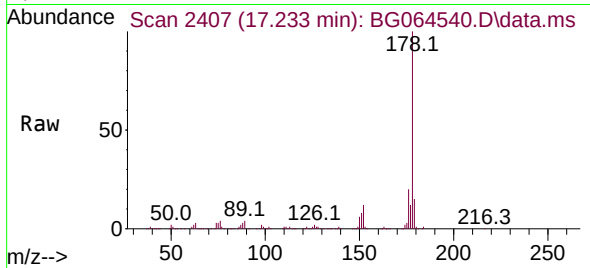
Tgt Ion:266 Resp: 98627
 Ion Ratio Lower Upper
 266 100
 268 61.3 50.6 75.8
 264 65.8 51.2 76.8





#71
Phenanthrene
Concen: 57.321 ng
RT: 17.233 min Scan# 2407
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

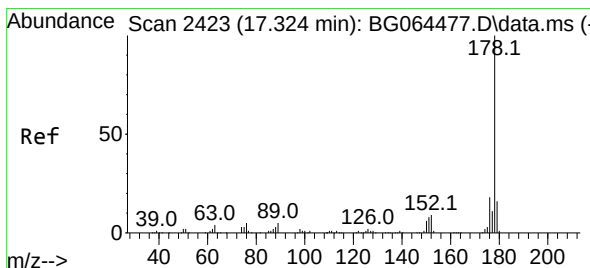
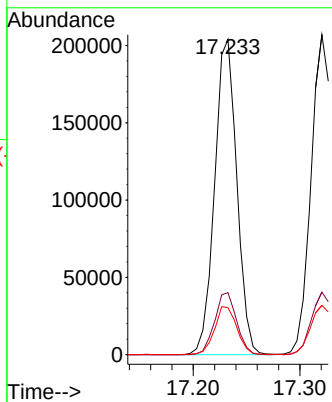
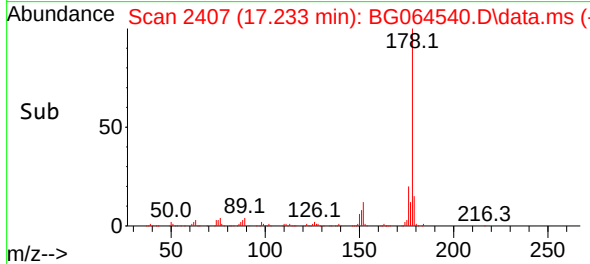
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



Tgt Ion:178 Resp: 295420
Ion Ratio Lower Upper
178 100
176 19.7 15.2 22.8
179 14.9 11.8 17.6

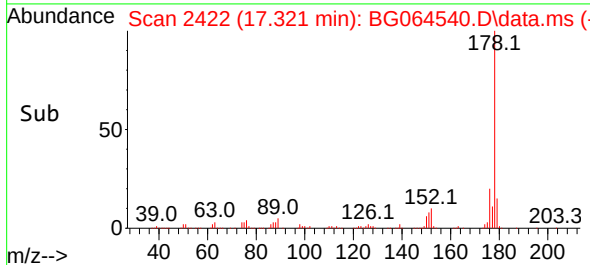
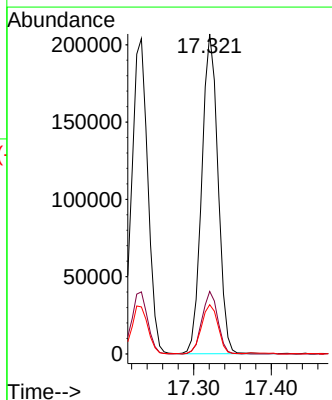
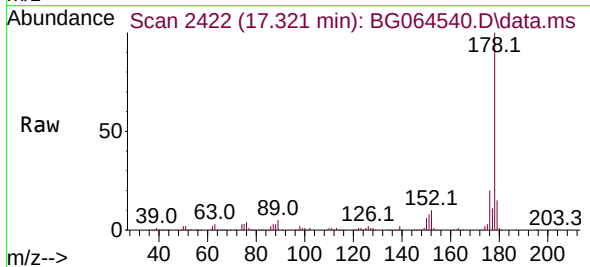
Manual Integrations
APPROVED

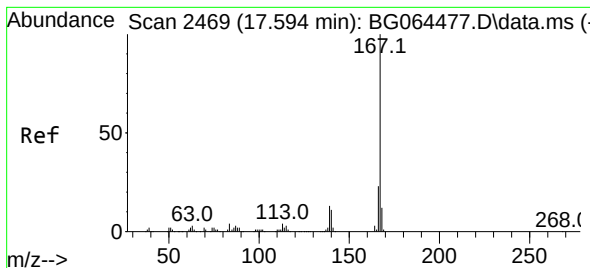
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#72
Anthracene
Concen: 58.104 ng
RT: 17.321 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

Tgt Ion:178 Resp: 300419
Ion Ratio Lower Upper
178 100
176 19.5 14.6 21.8
179 15.4 12.5 18.7





#73

Carbazole

Concen: 59.777 ng

RT: 17.591 min Scan# 2468

Delta R.T. -0.000 min

Lab File: BG064540.D

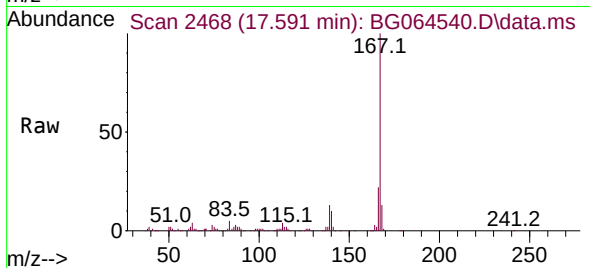
Acq: 17 Oct 2025 17:51

Instrument :

BNA_G

ClientSampleId :

COMP01-20251015MSD



Tgt Ion:167 Resp: 26715

Ion Ratio Lower Upper

167 100

166 21.8 18.6 27.8

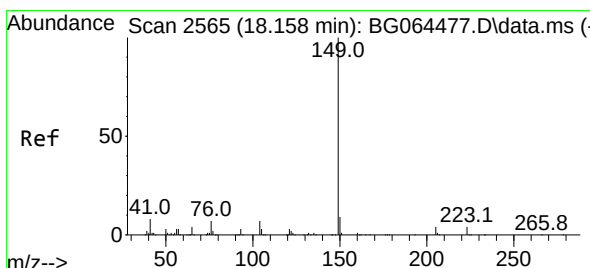
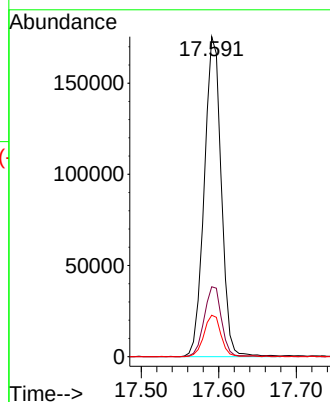
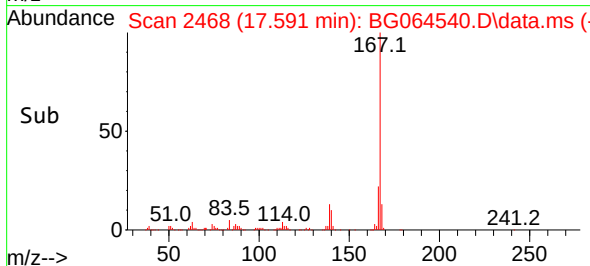
139 12.9 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#74

Di-n-butylphthalate

Concen: 57.749 ng

RT: 18.155 min Scan# 2564

Delta R.T. -0.000 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

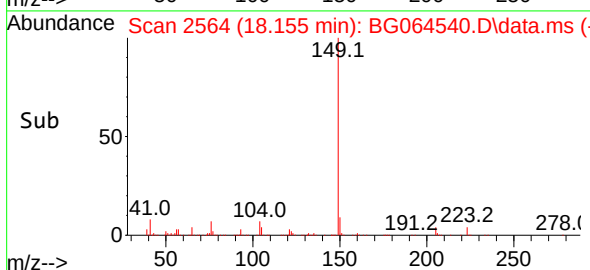
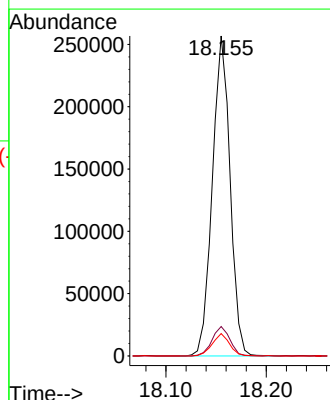
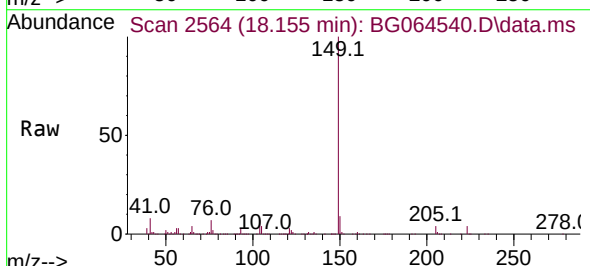
Tgt Ion:149 Resp: 315058

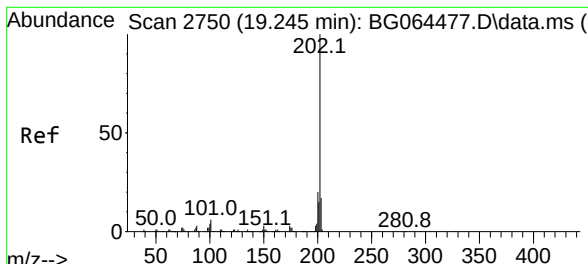
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 7.0 5.3 7.9



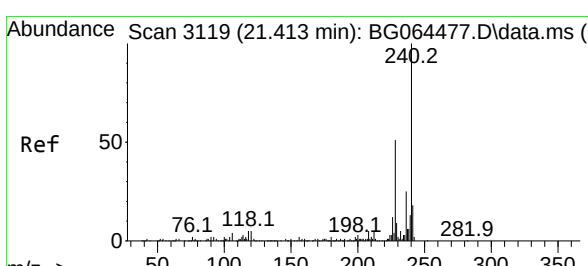
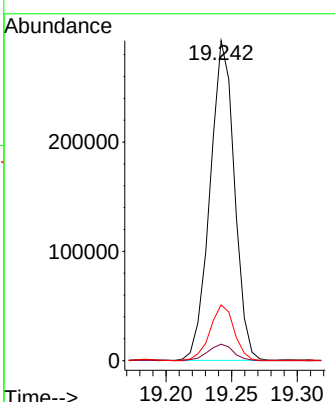
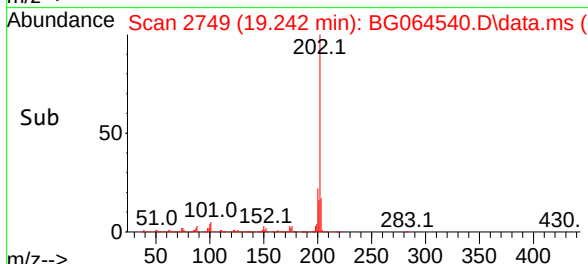
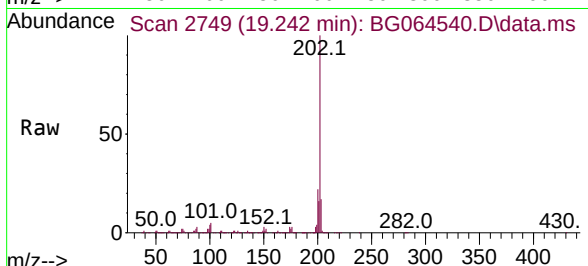


#75
 Fluoranthene
 Concen: 61.587 ng
 RT: 19.242 min Scan# 2750
 Delta R.T. 0.005 min
 Lab File: BG064540.D
 Acq: 17 Oct 2025 17:51

Instrument : BNA_G
 ClientSampleId : COMP01-20251015MSD

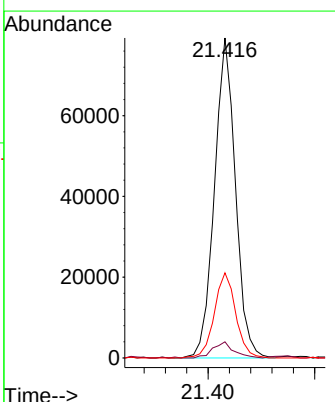
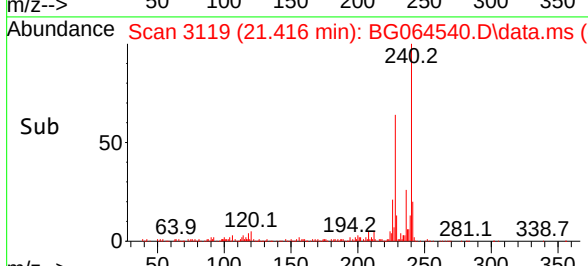
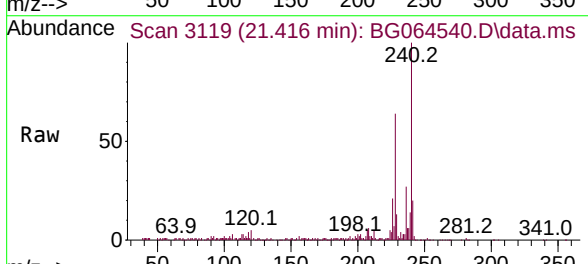
Tgt Ion:	202	Resp:	379195
Ion Ratio	Lower	Upper	
202	100		
101	5.1	0.0	25.7
203	17.5	0.0	36.6

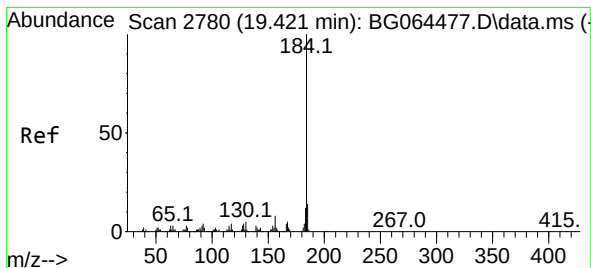
Manual Integrations
APPROVED
 Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.416 min Scan# 3119
 Delta R.T. 0.006 min
 Lab File: BG064540.D
 Acq: 17 Oct 2025 17:51

Tgt Ion:	240	Resp:	108444
Ion Ratio	Lower	Upper	
240	100		
120	5.0	4.3	6.5
236	26.6	20.4	30.6





#77

Benzidine

Concen: 43.567 ng

RT: 19.424 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

Instrument :

BNA_G

ClientSampleId :

COMP01-20251015MSD

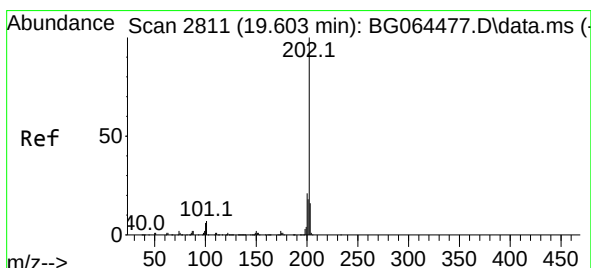
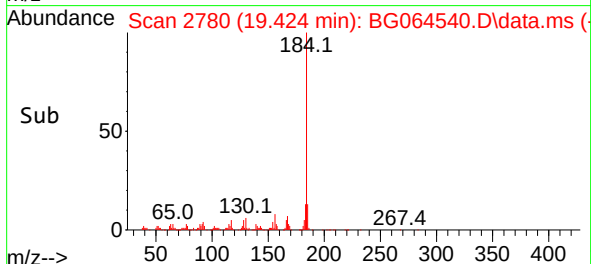
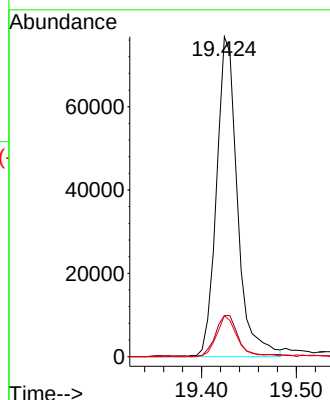
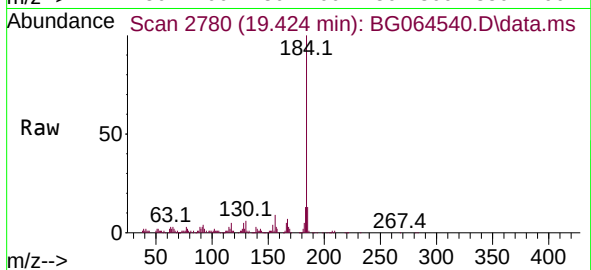
Tgt Ion:	184	Resp:	11756
Ion Ratio	Lower	Upper	
184	100		
185	12.8	10.9	16.3
183	12.8	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#78

Pyrene

Concen: 56.237 ng

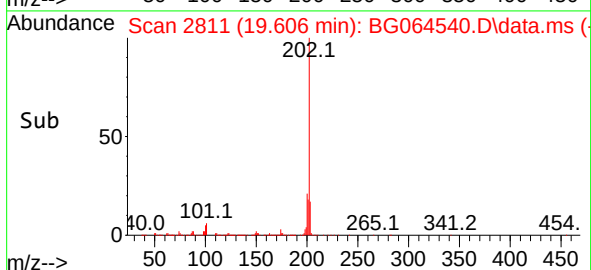
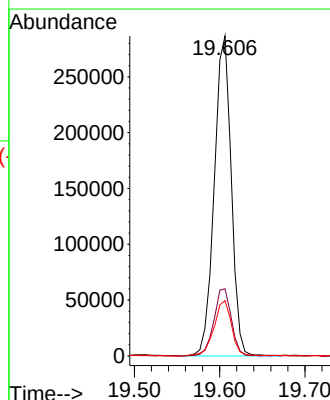
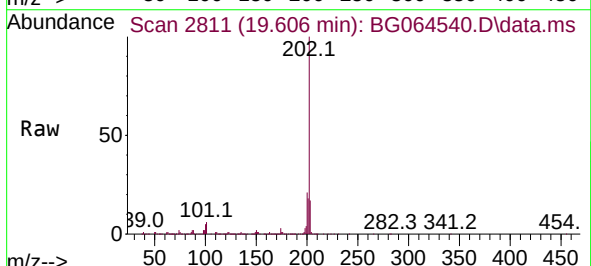
RT: 19.606 min Scan# 2811

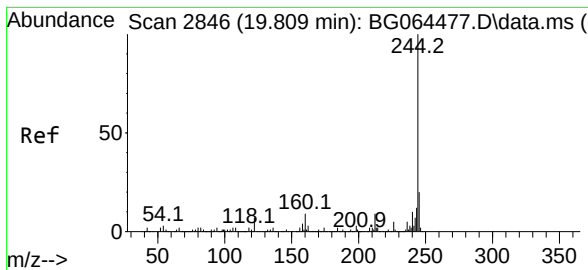
Delta R.T. 0.005 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

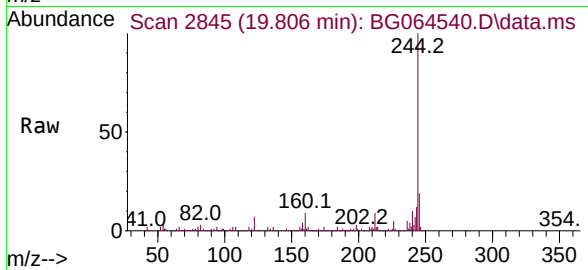
Tgt Ion:	202	Resp:	395779
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.4
203	17.3	13.0	19.4





#79
 Terphenyl-d14
 Concen: 52.153 ng
 RT: 19.806 min Scan# 2846
 Delta R.T. -0.000 min
 Lab File: BG064540.D
 Acq: 17 Oct 2025 17:51

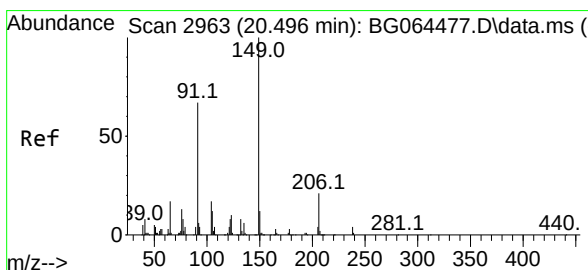
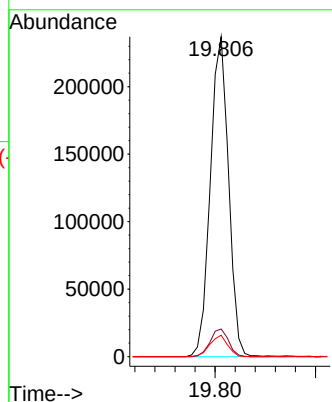
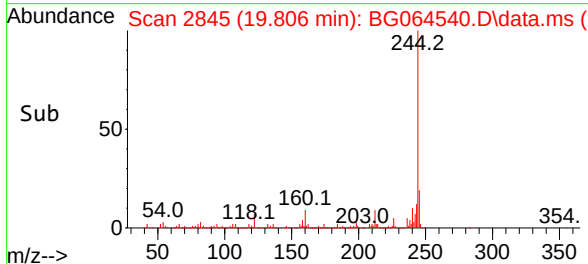
Instrument :
 BNA_G
 ClientSampleId :
 COMP01-20251015MSD



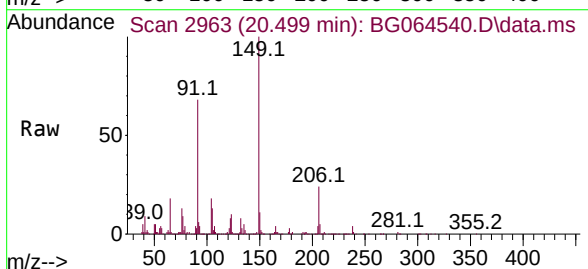
Tgt Ion:244 Resp: 298846
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.6
 122 6.7 5.6 8.4

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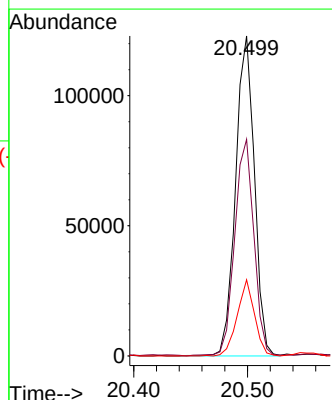
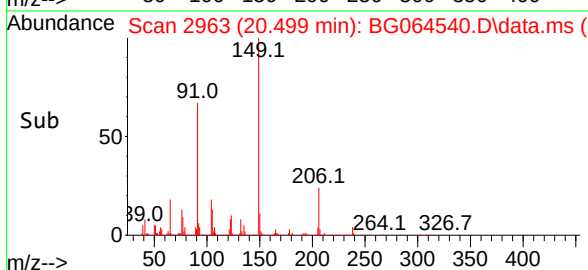
Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

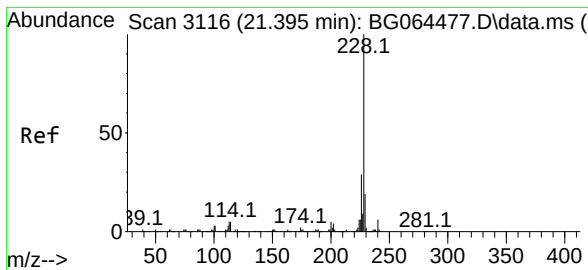


#80
 Butylbenzylphthalate
 Concen: 56.715 ng
 RT: 20.499 min Scan# 2963
 Delta R.T. -0.000 min
 Lab File: BG064540.D
 Acq: 17 Oct 2025 17:51



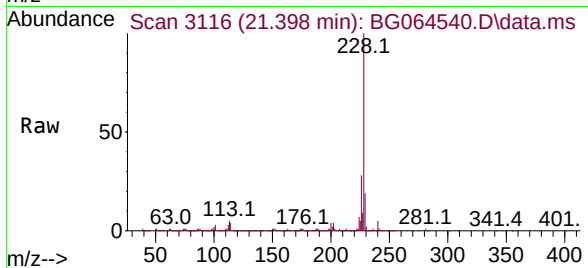
Tgt Ion:149 Resp: 141491
 Ion Ratio Lower Upper
 149 100
 91 67.7 53.7 80.5
 206 23.8 16.6 24.8





#81
Benzo(a)anthracene
Concen: 61.001 ng
RT: 21.398 min Scan# 3116
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

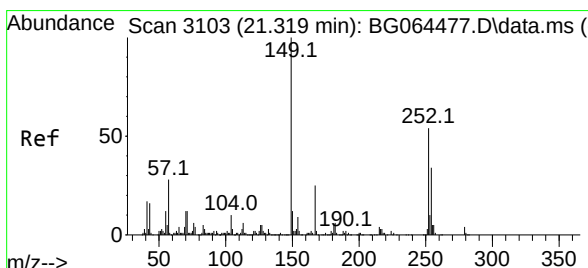
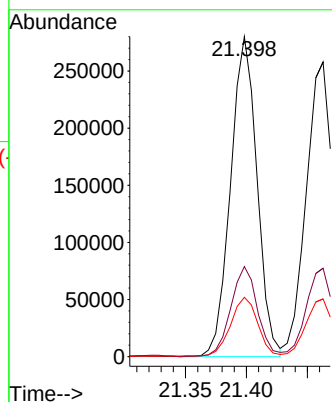
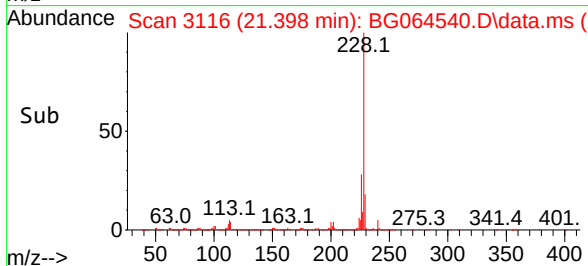
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



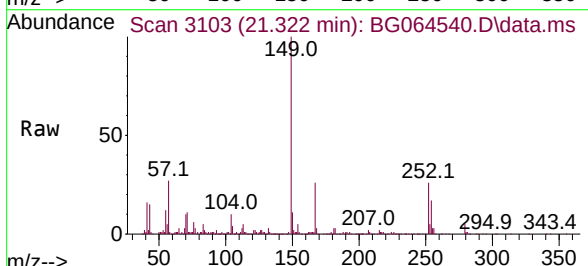
Tgt Ion:228 Resp: 422383
Ion Ratio Lower Upper
228 100
226 28.1 22.8 34.2
229 18.5 15.2 22.8

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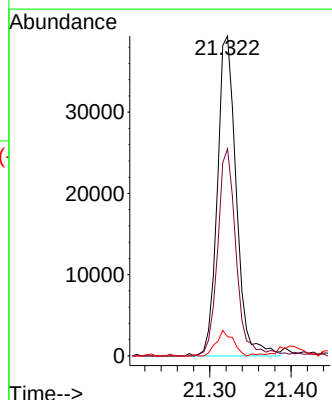
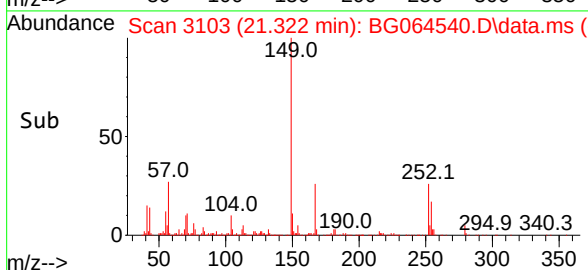
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

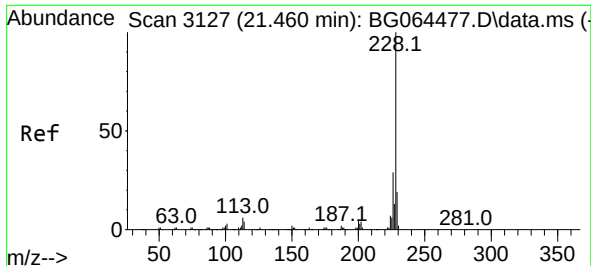


#82
3,3'-Dichlorobenzidine
Concen: 27.173 ng
RT: 21.322 min Scan# 3103
Delta R.T. 0.005 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51



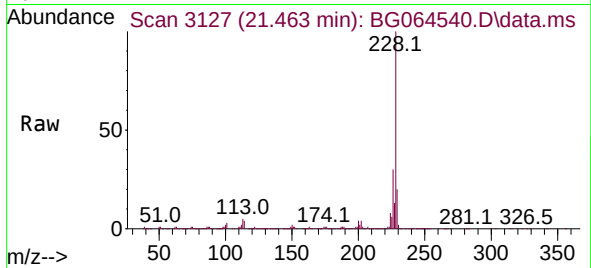
Tgt Ion:252 Resp: 63681
Ion Ratio Lower Upper
252 100
254 64.7 50.5 75.7
126 6.0 7.1 10.7





#83
Chrysene
Concen: 59.253 ng
RT: 21.463 min Scan# 3127
Delta R.T. 0.011 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

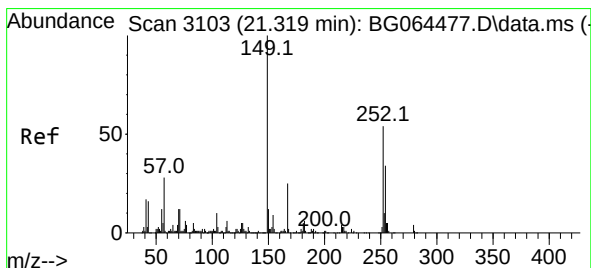
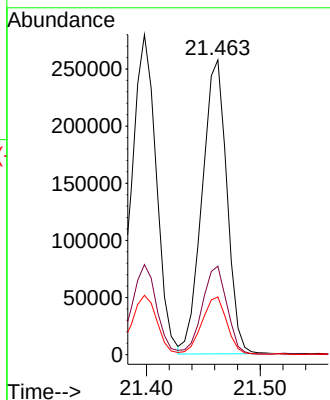
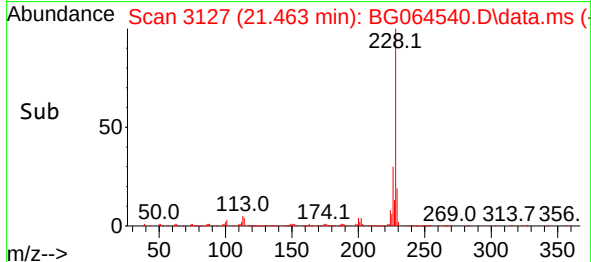
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



Tgt Ion:228 Resp: 389097
Ion Ratio Lower Upper
228 100
226 30.0 22.8 34.2
229 19.6 15.4 23.0

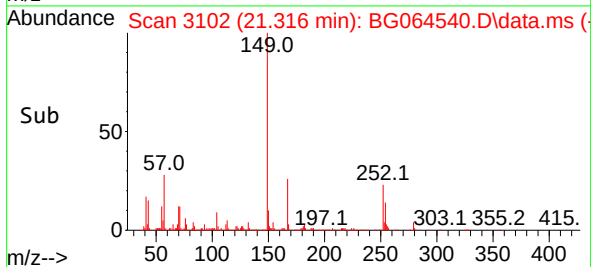
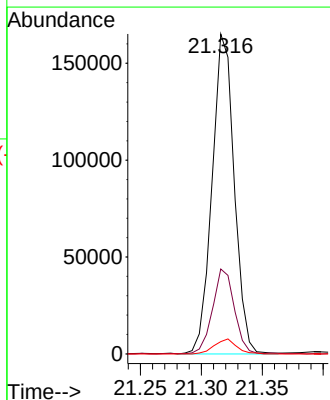
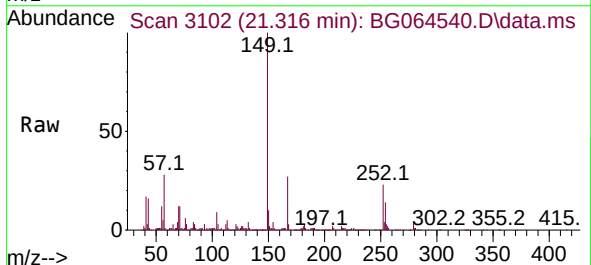
Manual Integrations
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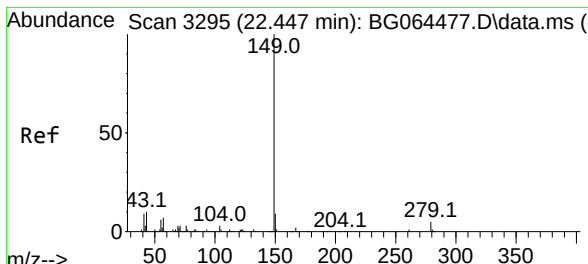
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.357 ng
RT: 21.316 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

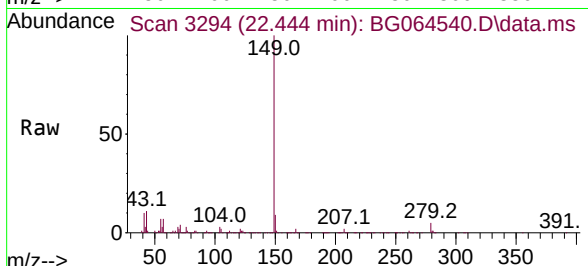
Tgt Ion:149 Resp: 208938
Ion Ratio Lower Upper
149 100
167 26.5 19.7 29.5
279 3.8 3.4 5.2





#85
 Di-n-octyl phthalate
 Concen: 58.710 ng
 RT: 22.444 min Scan# 31
 Delta R.T. 0.005 min
 Lab File: BG064540.D
 Acq: 17 Oct 2025 17:51

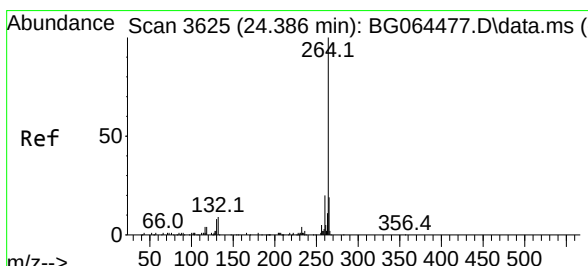
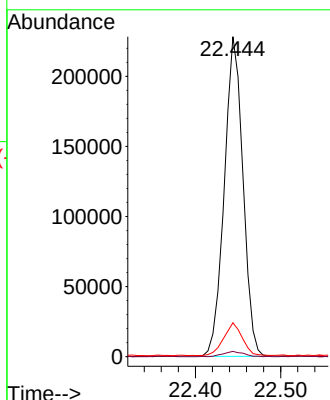
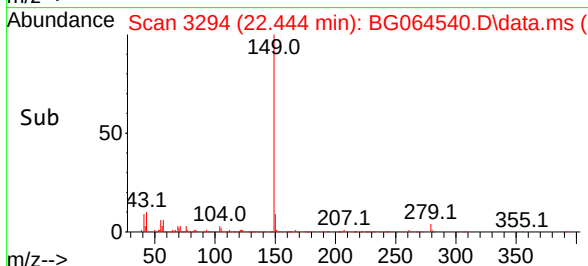
Instrument :
 BNA_G
 ClientSampleId :
 COMP01-20251015MSD



Tgt Ion:149 Resp: 347323
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 10.2 7.9 11.9

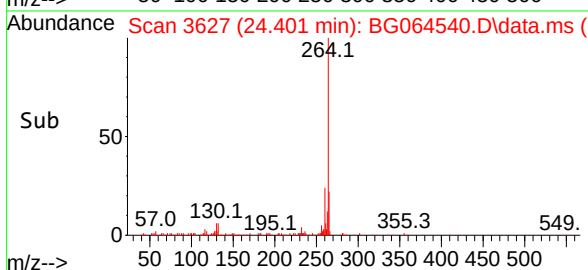
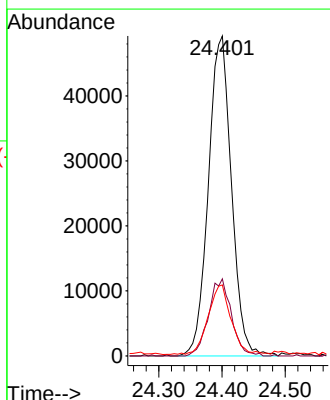
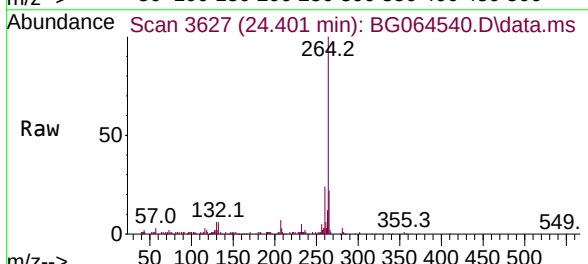
Manual Integrations
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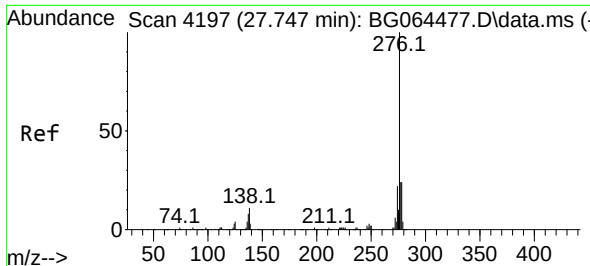
Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.401 min Scan# 3627
 Delta R.T. 0.011 min
 Lab File: BG064540.D
 Acq: 17 Oct 2025 17:51

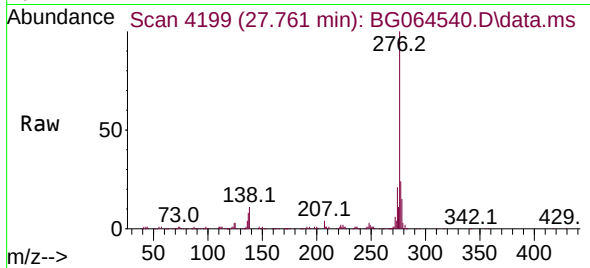
Tgt Ion:264 Resp: 124972
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.2 24.4
 265 22.2 15.0 22.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 59.016 ng
 RT: 27.761 min Scan# 4199
 Delta R.T. 0.029 min
 Lab File: BG064540.D
 Acq: 17 Oct 2025 17:51

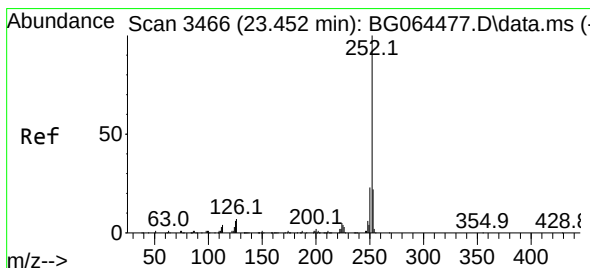
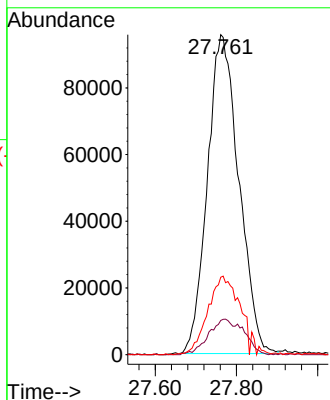
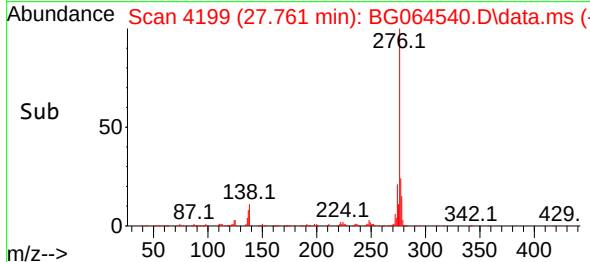
Instrument :
 BNA_G
 ClientSampleId :
 COMP01-20251015MSD



Tgt Ion:276 Resp: 513369
 Ion Ratio Lower Upper
 276 100
 138 12.5 10.8 16.2
 277 25.5 20.3 30.5

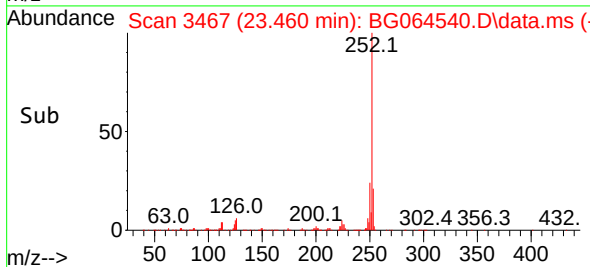
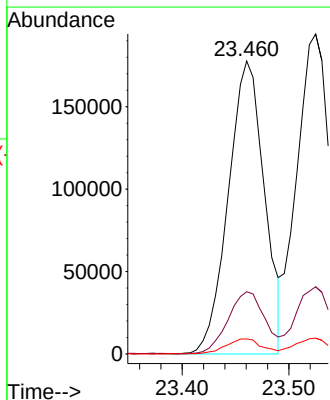
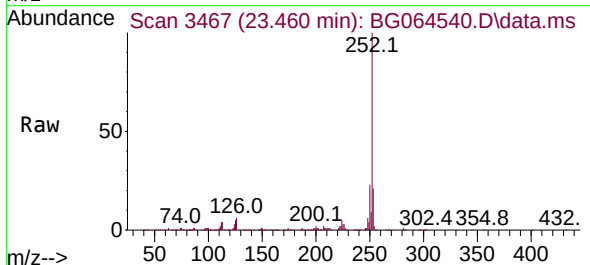
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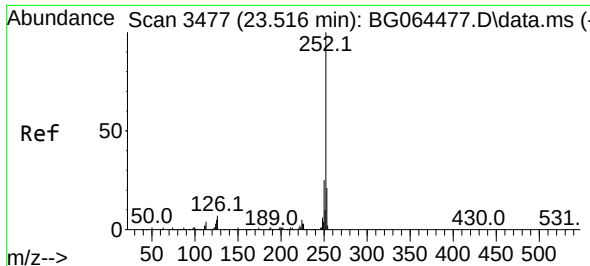
Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025



#88
 Benzo(b)fluoranthene
 Concen: 58.812 ng
 RT: 23.460 min Scan# 3467
 Delta R.T. 0.011 min
 Lab File: BG064540.D
 Acq: 17 Oct 2025 17:51

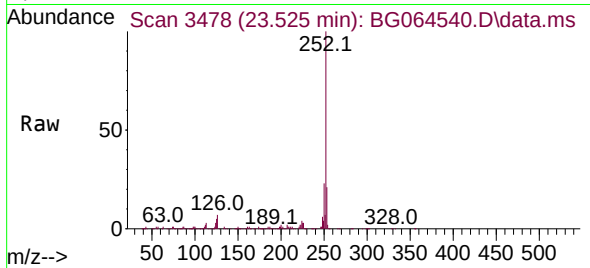
Tgt Ion:252 Resp: 418135
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.5 26.3
 125 5.1 4.5 6.7





#89
Benzo(k)fluoranthene
Concen: 58.664 ng
RT: 23.525 min Scan# 3477
Delta R.T. 0.017 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

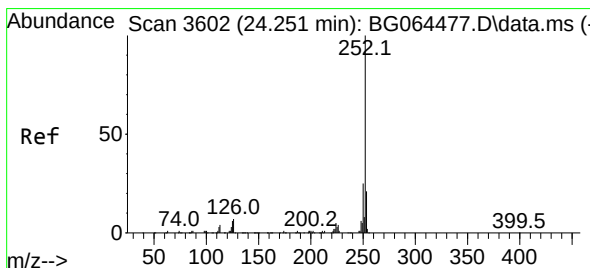
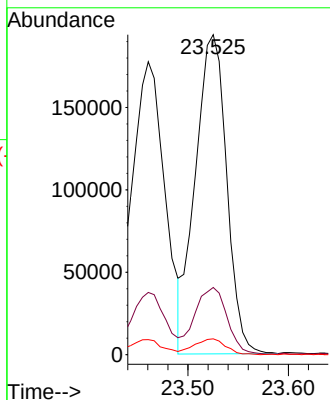
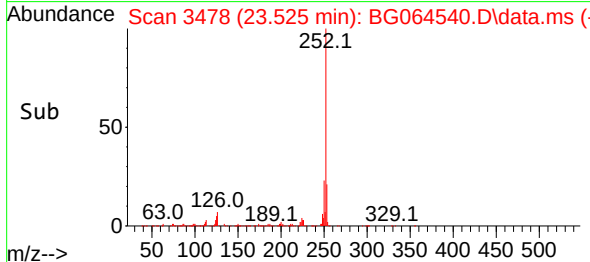
Instrument :
BNA_G
ClientSampleId :
COMP01-20251015MSD



Tgt Ion:252 Resp: 420062
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.2
125 4.9 4.0 6.0

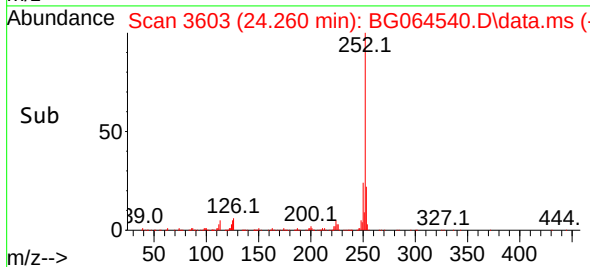
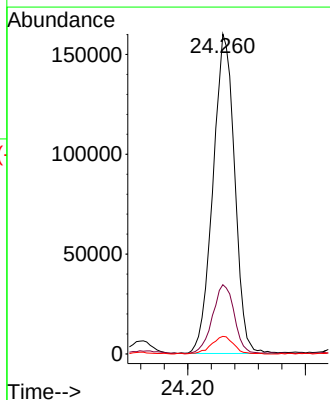
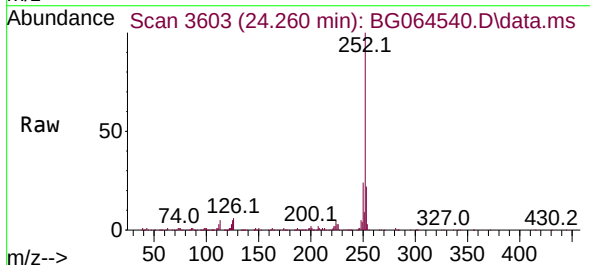
Manual Integrations
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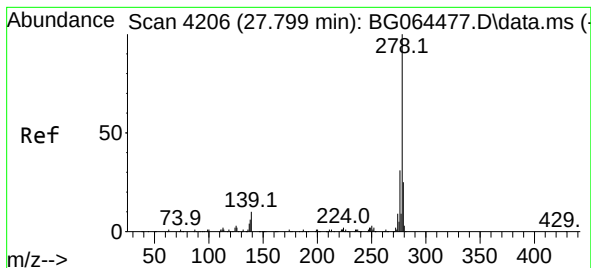
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#90
Benzo(a)pyrene
Concen: 62.428 ng
RT: 24.260 min Scan# 3603
Delta R.T. 0.011 min
Lab File: BG064540.D
Acq: 17 Oct 2025 17:51

Tgt Ion:252 Resp: 409057
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 5.5 4.6 6.8





#91

Dibenzo(a,h)anthracene

Concen: 59.935 ng

RT: 27.814 min Scan# 41

Delta R.T. 0.035 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

Instrument :

BNA_G

ClientSampleId :

COMP01-20251015MSD

Tgt Ion:278 Resp: 416939

Ion Ratio Lower Upper

278 100

139 8.5 8.2 12.2

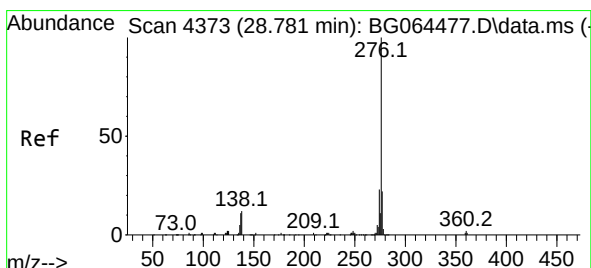
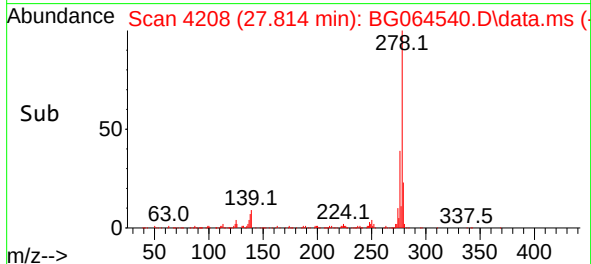
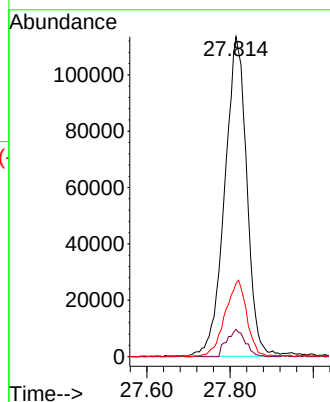
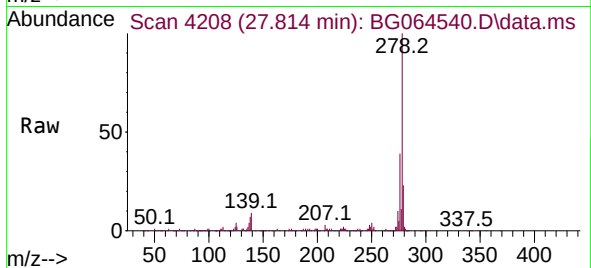
279 22.9 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#92

Benzo(g,h,i)perylene

Concen: 62.538 ng

RT: 28.807 min Scan# 4377

Delta R.T. 0.041 min

Lab File: BG064540.D

Acq: 17 Oct 2025 17:51

Tgt Ion:276 Resp: 422774

Ion Ratio Lower Upper

276 100

277 23.5 17.8 26.6

138 10.2 9.4 14.0

