

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
 Data File : BG064158.D
 Acq On : 2 Apr 2025 18:24
 Operator : RC/JU
 Sample : Q1687-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-12016MSD

Manual Integrations
 APPROVED

Reviewed By :Anahy
 Claudio
 04/03/2025

Supervised By :Jagrut
 Upadhyay
 04/03/2025

Quant Time: Apr 03 01:19:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	42568	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	189780	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	126463	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	266620	20.000	ng	0.00
76) Chrysene-d12	21.460	240	262201	20.000	ng	0.00
86) Perylene-d12	24.474	264	294319	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.456	112	344171	126.246	ng	0.00
7) Phenol-d6	7.036	99	453709	122.337	ng	0.00
23) Nitrobenzene-d5	9.016	82	308860	89.937	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	204920	145.775	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	681668	81.818	ng	0.00
79) Terphenyl-d14	19.845	244	987719	76.169	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.376	88	42133	34.101	ng	94
3) Pyridine	3.758	79	120805	40.204	ng	97
4) n-Nitrosodimethylamine	3.675	42	94988	44.246	ng	96
6) Aniline	7.189	93	91596	25.169	ng	94
8) 2-Chlorophenol	7.430	128	152495	52.082	ng	98
9) Benzaldehyde	7.001	77	98865	45.836	ng	99
10) Phenol	7.060	94	191372	50.399	ng	96
11) bis(2-Chloroethyl)ether	7.289	93	138666	46.581	ng	97
12) 1,3-Dichlorobenzene	7.753	146	154119	47.933	ng	97
13) 1,4-Dichlorobenzene	7.894	146	155652	47.230	ng	98
14) 1,2-Dichlorobenzene	8.211	146	155961	49.077	ng	96
15) Benzyl Alcohol	8.094	79	152931	53.362	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.387	45	309560	46.247	ng	97
17) 2-Methylphenol	8.299	107	130737	51.878	ng	97
18) Hexachloroethane	8.940	117	61916	53.697	ng	98
19) n-Nitroso-di-n-propyla...	8.664	70	120921	46.459	ng	98
20) 3+4-Methylphenols	8.628	107	178783	51.531	ng	90
22) Acetophenone	8.681	105	236432	45.438	ng	# 98
24) Nitrobenzene	9.057	77	181875	51.246	ng	94
25) Isophorone	9.580	82	330203	48.039	ng	97
26) 2-Nitrophenol	9.762	139	79066	60.743	ng	# 93
27) 2,4-Dimethylphenol	9.827	122	147491	71.576	ng	94
28) bis(2-Chloroethoxy)met...	10.062	93	192076	46.091	ng	99
29) 2,4-Dichlorophenol	10.297	162	143181	55.028	ng	98
30) 1,2,4-Trichlorobenzene	10.514	180	153991	49.025	ng	97
31) Naphthalene	10.702	128	492424	48.119	ng	100
32) Benzoic acid	9.980	122	110505	56.516	ng	99
33) 4-Chloroaniline	10.802	127	47781	12.775	ng	94
34) Hexachlorobutadiene	10.990	225	107478	52.203	ng	96
35) Caprolactam	11.578	113	45711m	45.843	ng	
36) 4-Chloro-3-methylphenol	11.930	107	172422	50.553	ng	99
37) 2-Methylnaphthalene	12.306	142	324118	44.864	ng	97
38) 1-Methylnaphthalene	12.530	142	337696	47.712	ng	99
40) 1,2,4,5-Tetrachloroben...	12.677	216	186466	51.647	ng	98
41) Hexachlorocyclopentadiene	12.665	237	188407	185.410	ng	97
43) 2,4,6-Trichlorophenol	12.917	196	129705	60.955	ng	94

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Manual Integrations
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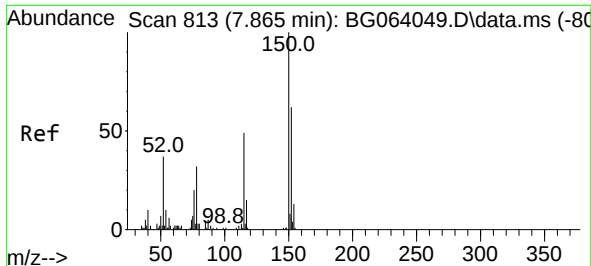
Reviewed By :Anahy
 Claudio
 04/03/2025

Supervised By :Jagrut
 Upadhyay
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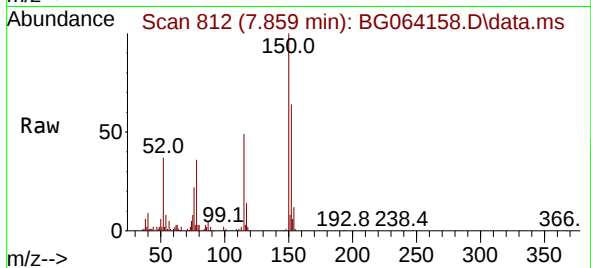
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	138086	58.403	ng	98
46) 1,1'-Biphenyl	13.317	154	479995	50.238	ng	98
47) 2-Chloronaphthalene	13.358	162	352318	50.560	ng	100
48) 2-Nitroaniline	13.558	65	129972	54.634	ng	98
49) Acenaphthylene	14.204	152	576432	52.299	ng	99
50) Dimethylphthalate	13.946	163	434141	46.506	ng	100
51) 2,6-Dinitrotoluene	14.057	165	96504	50.749	ng	96
52) Acenaphthene	14.551	154	358772	48.503	ng	98
53) 3-Nitroaniline	14.380	138	48345	26.795	ng	# 96
54) 2,4-Dinitrophenol	14.592	184	96589	118.154	ng	# 84
55) Dibenzofuran	14.886	168	571334	47.679	ng	99
56) 4-Nitrophenol	14.698	139	166507	110.039	ng	91
57) 2,4-Dinitrotoluene	14.845	165	141190	53.572	ng	# 94
58) Fluorene	15.532	166	461288	49.426	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.109	232	127060	55.124	ng	# 95
60) Diethylphthalate	15.315	149	455446	44.941	ng	100
61) 4-Chlorophenyl-phenyle...	15.526	204	211497	45.602	ng	90
62) 4-Nitroaniline	15.550	138	90114	46.262	ng	86
63) Azobenzene	15.820	77	495053	45.778	ng	97
65) 4,6-Dinitro-2-methylph...	15.608	198	72771	60.593	ng	95
66) n-Nitrosodiphenylamine	15.743	169	386309	51.187	ng	98
67) 4-Bromophenyl-phenylether	16.419	248	144886	53.059	ng	94
68) Hexachlorobenzene	16.537	284	158698	51.911	ng	96
69) Atrazine	16.695	200	151459	68.208	ng	97
70) Pentachlorophenol	16.877	266	221432	116.658	ng	99
71) Phenanthrene	17.271	178	1032493	72.604	ng	99
72) Anthracene	17.359	178	847965	59.966	ng	98
73) Carbazole	17.624	167	713077	54.010	ng	98
74) Di-n-butylphthalate	18.199	149	789151	50.779	ng	99
75) Fluoranthene	19.281	202	1268581	73.994	ng	98
77) Benzidine	19.457	184	304930	83.986	ng	99
78) Pyrene	19.645	202	1473840	87.199	ng	99
80) Butylbenzylphthalate	20.538	149	354283	55.264	ng	100
81) Benzo(a)anthracene	21.443	228	1054999	62.813	ng	98
82) 3,3'-Dichlorobenzidine	21.360	252	71354	13.127	ng	100
83) Chrysene	21.507	228	1036254	61.860	ng	99
84) Bis(2-ethylhexyl)phtha...	21.372	149	519900	57.236	ng	99
85) Di-n-octyl phthalate	22.512	149	884596	56.460	ng	97
87) Indeno(1,2,3-cd)pyrene	27.876	276	1071836	54.429	ng	# 96
88) Benzo(b)fluoranthene	23.528	252	1019083	57.276	ng	98
89) Benzo(k)fluoranthene	23.587	252	918728	51.470	ng	98
90) Benzo(a)pyrene	24.333	252	912146	57.563	ng	96
91) Dibenzo(a,h)anthracene	27.929	278	846768	51.868	ng	98
92) Benzo(g,h,i)perylene	28.940	276	858130	51.196	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

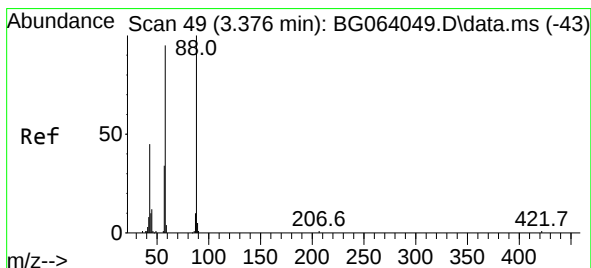
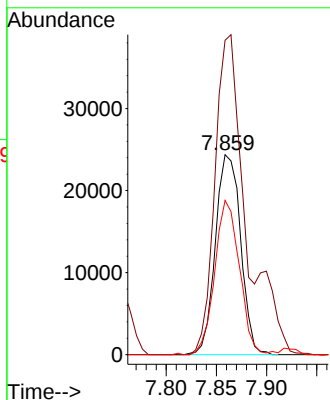
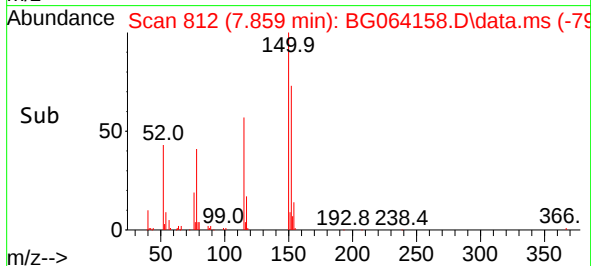


Tgt Ion:152 Resp: 4256
Ion Ratio Lower Upper
152 100
150 157.1 129.2 193.8
115 77.1 63.0 94.6

Manual Integrations
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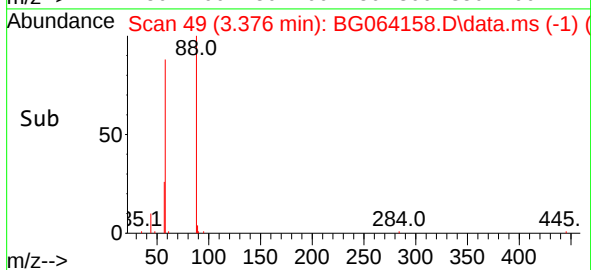
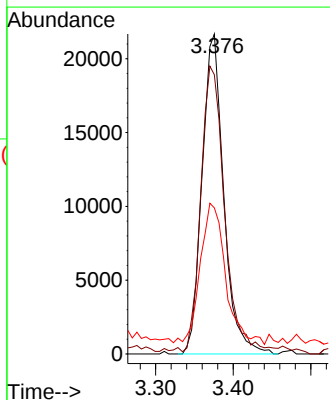
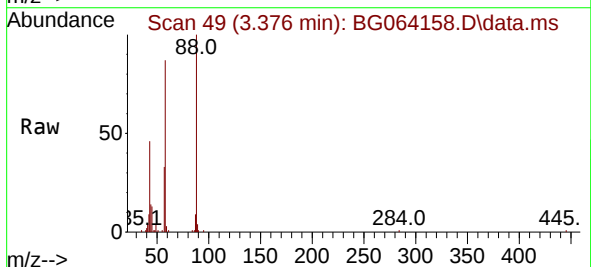
Reviewed By :Anahy
Claudio
04/03/2025

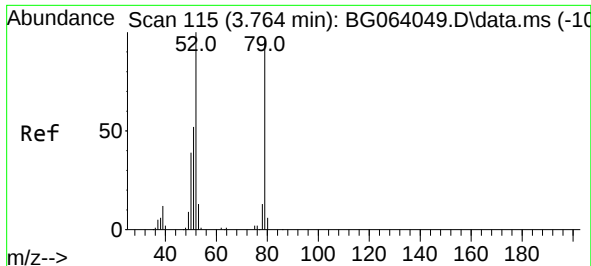
Supervised By :Jagrut
Upadhyay
04/03/2025



#2
1,4-Dioxane
Concen: 34.101 ng
RT: 3.376 min Scan# 49
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

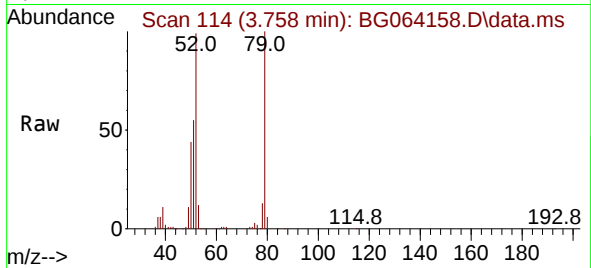
Tgt Ion: 88 Resp: 42133
Ion Ratio Lower Upper
88 100
58 97.1 74.6 111.8
43 51.7 35.5 53.3





#3
Pyridine
Concen: 40.204 ng
RT: 3.758 min Scan# 115
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

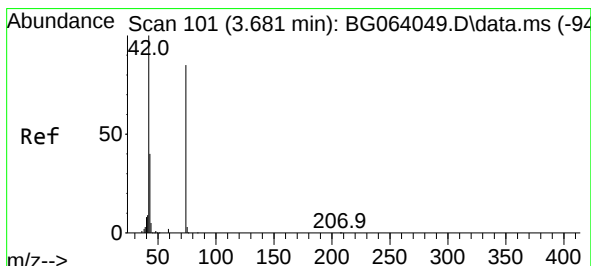
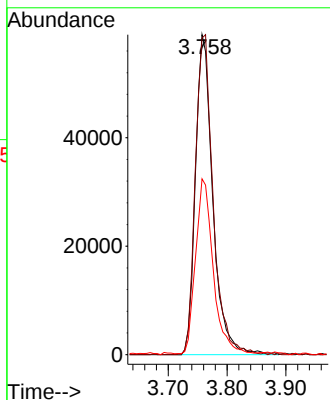
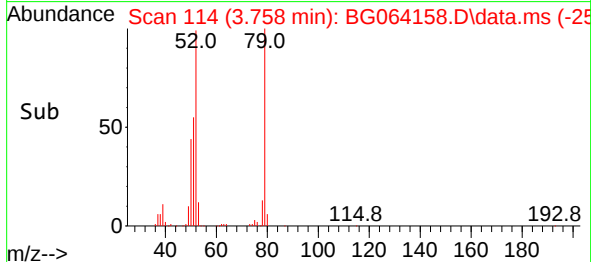


Tgt Ion: 79 Resp: 12080
Ion Ratio Lower Upper
79 100
52 99.0 83.0 124.6
51 54.9 44.3 66.5

Manual Integrations
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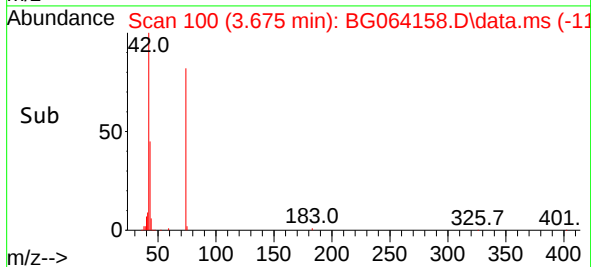
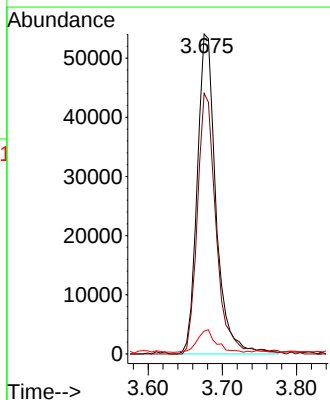
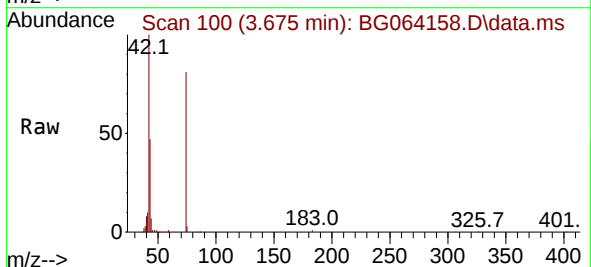
Reviewed By :Anahy
Claudio
04/03/2025

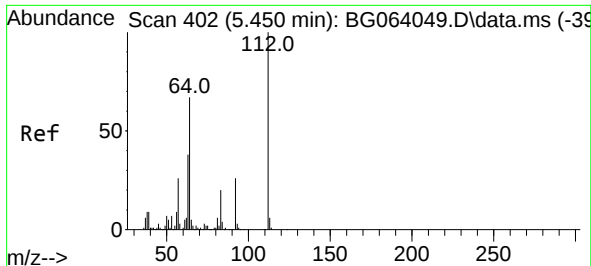
Supervised By :Jagrut
Upadhyay
04/03/2025



#4
n-Nitrosodimethylamine
Concen: 44.246 ng
RT: 3.675 min Scan# 100
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

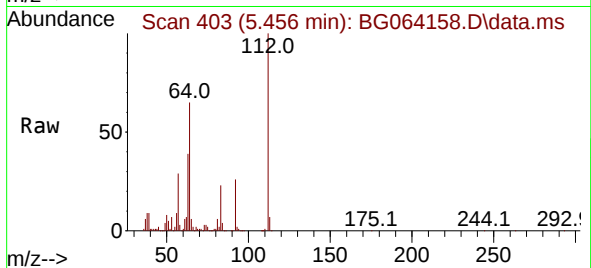
Tgt Ion: 42 Resp: 94988
Ion Ratio Lower Upper
42 100
74 81.4 68.0 102.0
44 7.1 4.9 7.3





#5
2-Fluorophenol
Concen: 126.246 ng
RT: 5.456 min Scan# 402
Delta R.T. 0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

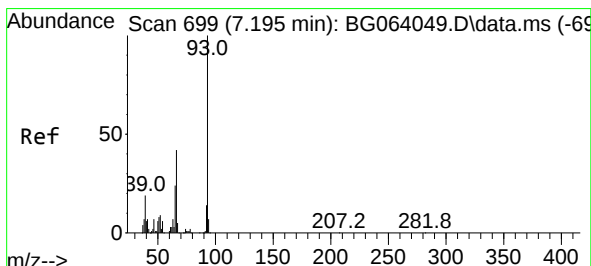
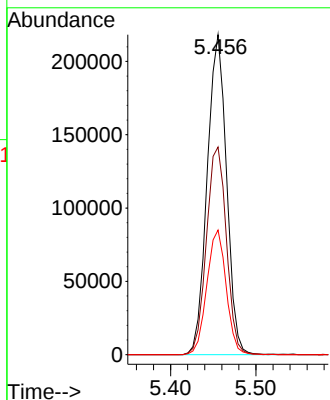
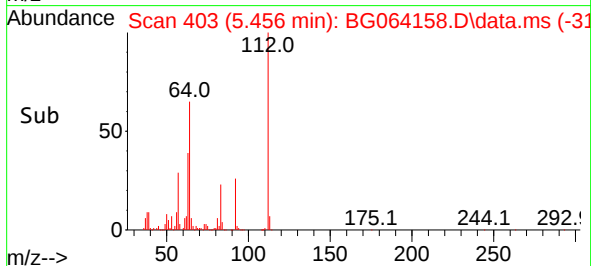


Tgt Ion:112 Resp: 34417
Ion Ratio Lower Upper
112 100
64 64.9 53.7 80.5
63 39.0 30.2 45.4

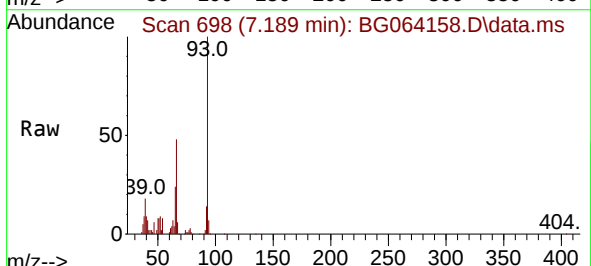
Manual Integrations
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04/03/2025

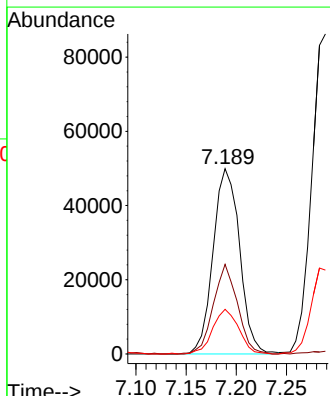
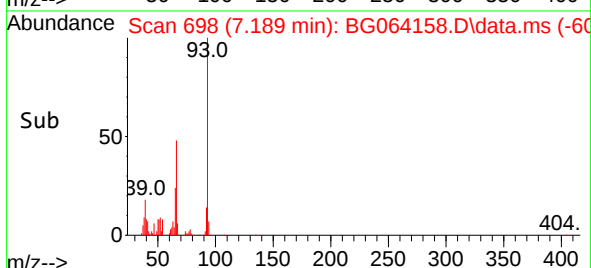
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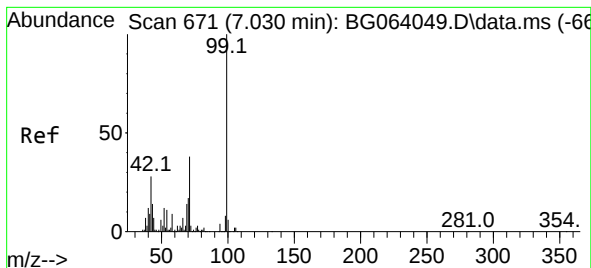


#6
Aniline
Concen: 25.169 ng
RT: 7.189 min Scan# 698
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24



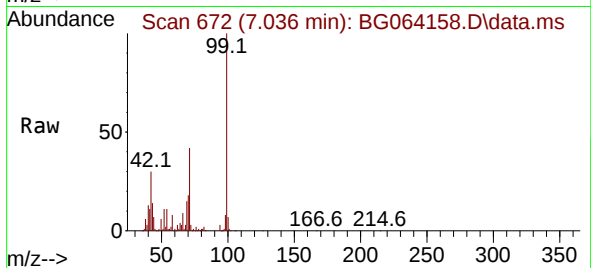
Tgt Ion: 93 Resp: 91596
Ion Ratio Lower Upper
93 100
66 48.4 33.7 50.5
65 24.1 19.1 28.7





#7
Phenol-d6
Concen: 122.337 ng
RT: 7.036 min Scan# 671
Delta R.T. 0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

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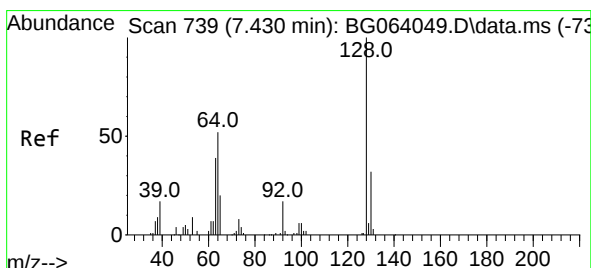
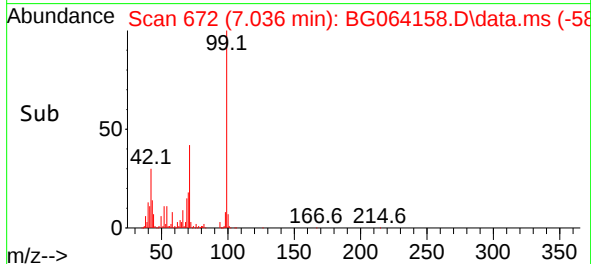
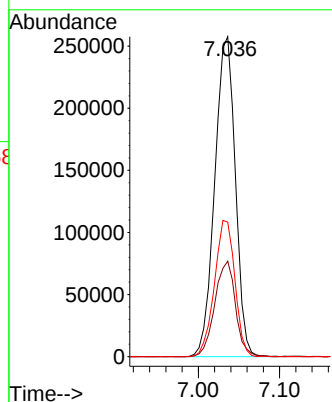


Tgt Ion: 99 Resp: 453709
Ion Ratio Lower Upper
99 100
42 29.8 22.7 34.1
71 42.1 30.6 46.0

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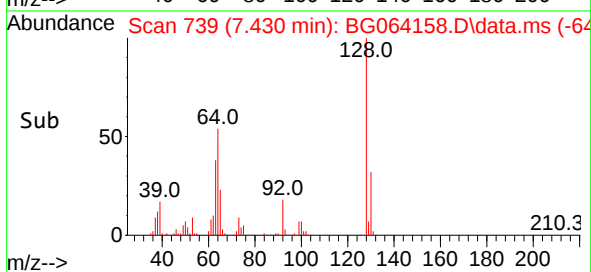
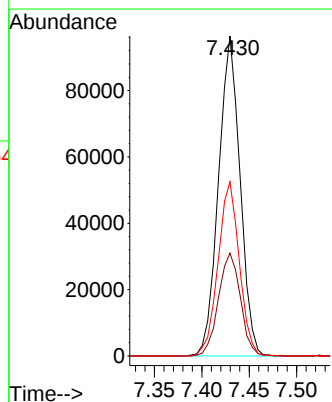
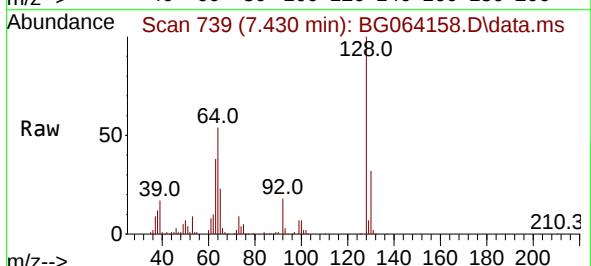
Reviewed By :Anahy
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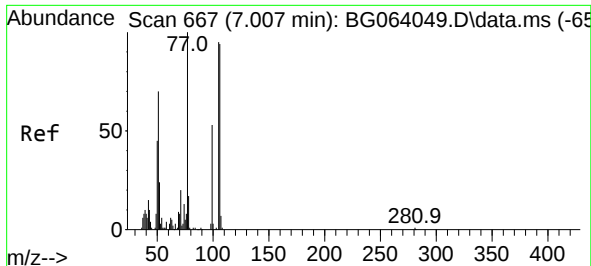
Supervised By :Jagrut
Upadhyay
04/03/2025



#8
2-Chlorophenol
Concen: 52.082 ng
RT: 7.430 min Scan# 739
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

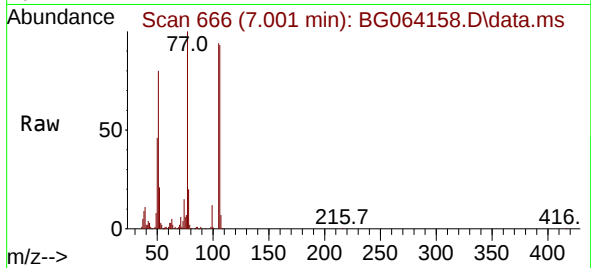
Tgt Ion:128 Resp: 152495
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 54.4 37.0 77.0





#9
Benzaldehyde
Concen: 45.836 ng
RT: 7.001 min Scan# 609
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
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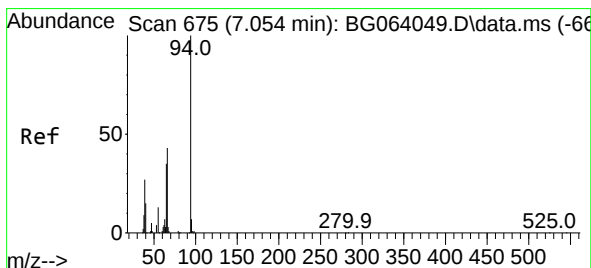
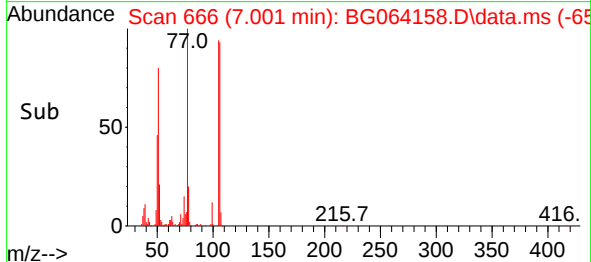
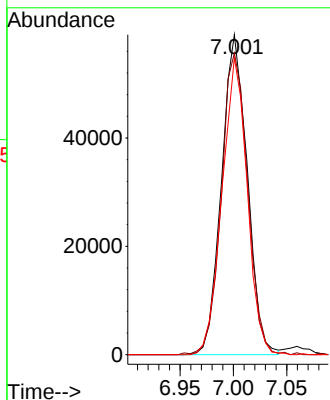


Tgt Ion: 77 Resp: 9886
Ion Ratio Lower Upper
77 100
105 94.2 75.5 115.5
106 92.8 74.2 114.2

Manual Integrations
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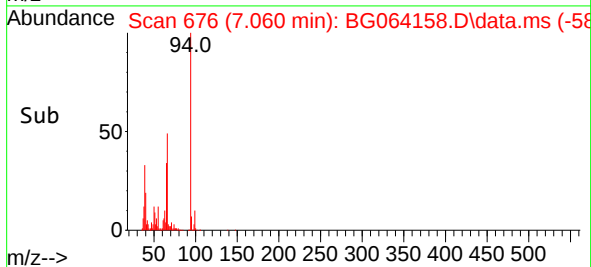
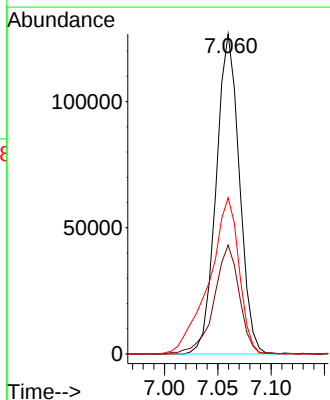
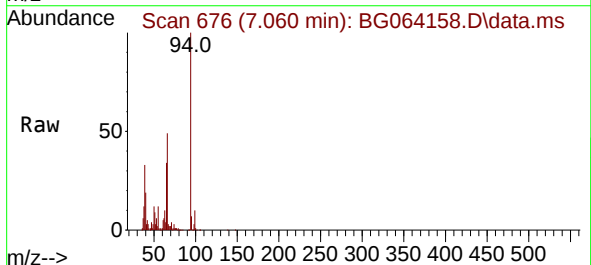
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Claudio
04/03/2025

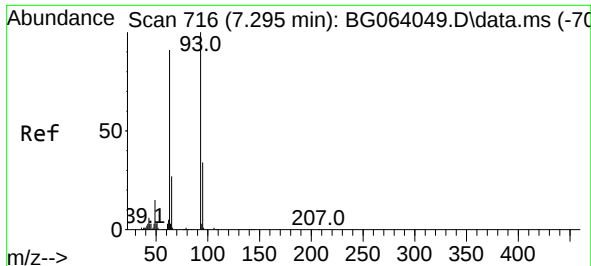
Supervised By :Jagrut
Upadhyay
04/03/2025



#10
Phenol
Concen: 50.399 ng
RT: 7.060 min Scan# 676
Delta R.T. 0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

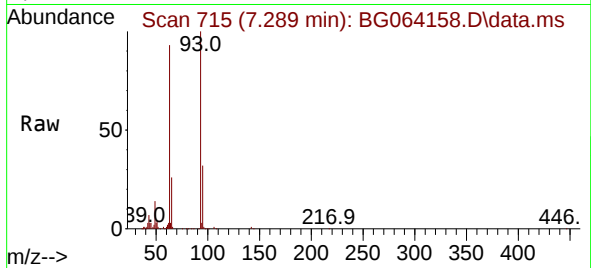
Tgt Ion: 94 Resp: 191372
Ion Ratio Lower Upper
94 100
65 34.0 15.2 55.2
66 48.8 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 46.581 ng
RT: 7.289 min Scan# 716
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

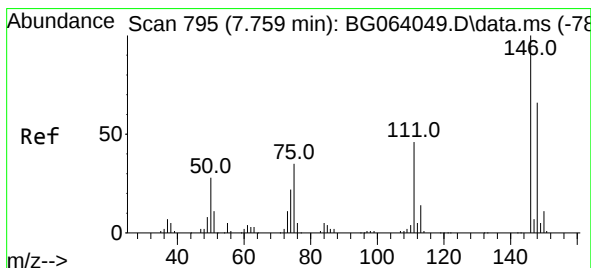
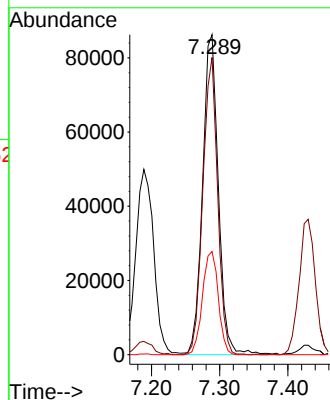


Tgt Ion: 93 Resp: 138660
Ion Ratio Lower Upper
93 100
63 92.9 70.0 110.0
95 32.2 13.7 53.7

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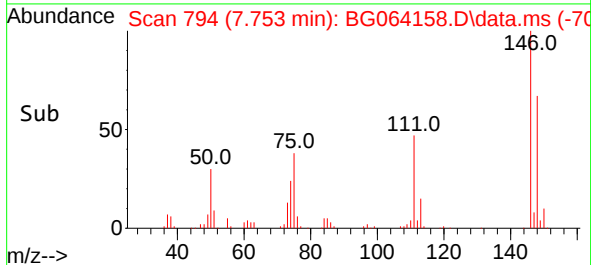
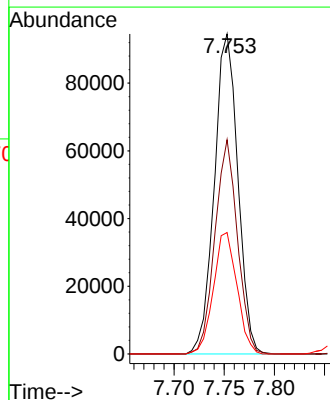
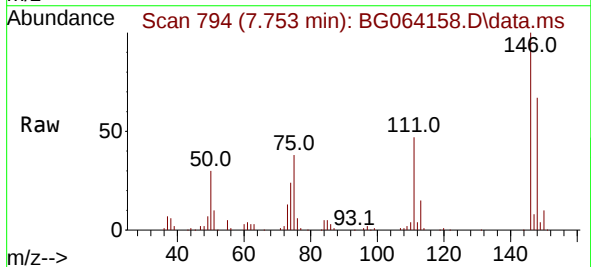
Reviewed By :Anahy
Claudio
04/03/2025

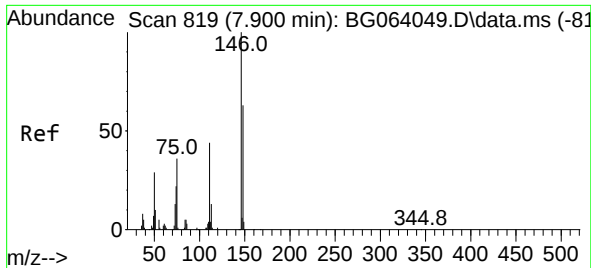
Supervised By :Jagrut
Upadhyay
04/03/2025



#12
1,3-Dichlorobenzene
Concen: 47.933 ng
RT: 7.753 min Scan# 794
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

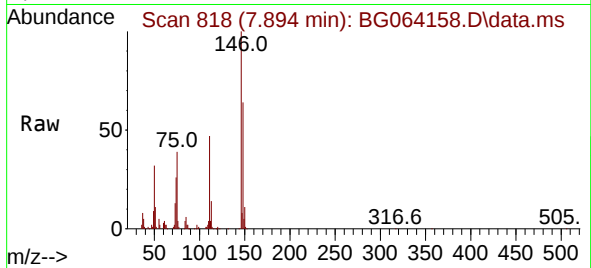
Tgt Ion:146 Resp: 154119
Ion Ratio Lower Upper
146 100
148 67.0 52.6 78.8
75 37.9 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 47.230 ng
RT: 7.894 min Scan# 819
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

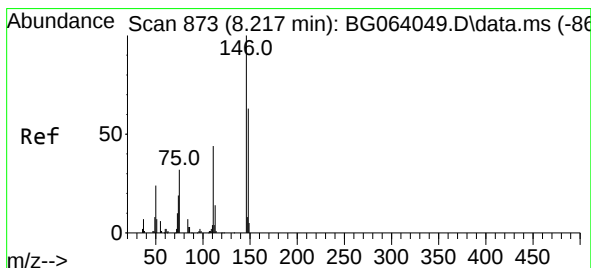
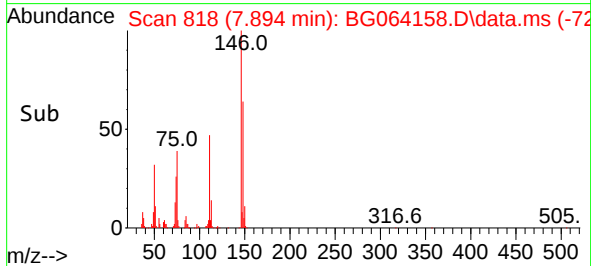
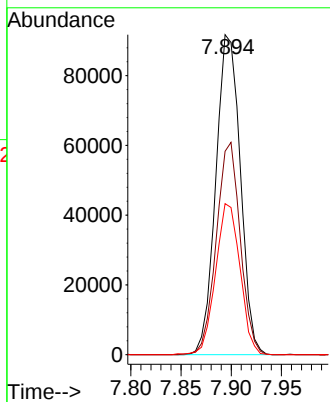


Tgt Ion:146 Resp: 155652
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
111 47.2 35.1 52.7

Manual Integrations
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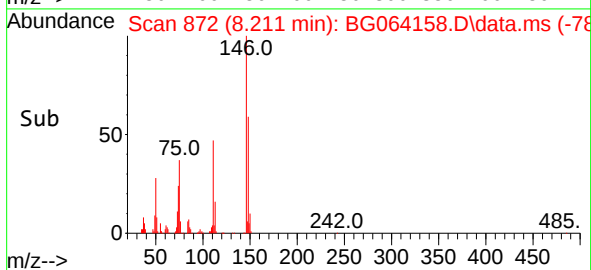
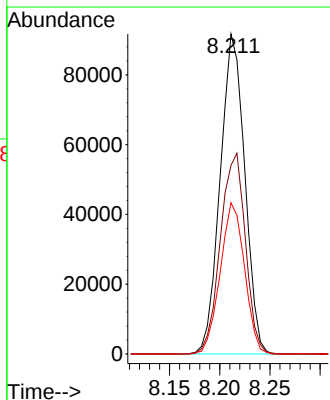
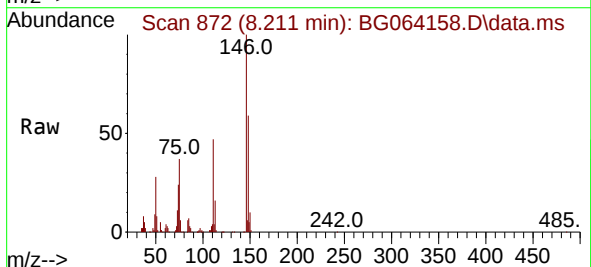
Reviewed By :Anahy
Claudio
04/03/2025

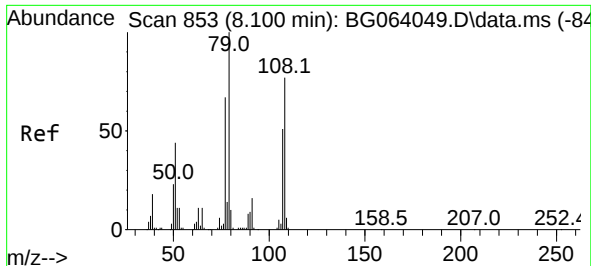
Supervised By :Jagrut
Upadhyay
04/03/2025



#14
1,2-Dichlorobenzene
Concen: 49.077 ng
RT: 8.211 min Scan# 872
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

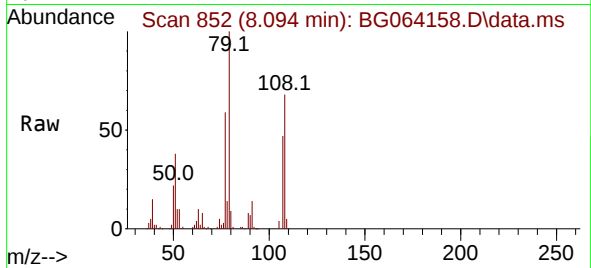
Tgt Ion:146 Resp: 155961
Ion Ratio Lower Upper
146 100
148 58.9 50.2 75.2
111 47.2 36.4 54.6





#15
Benzyl Alcohol
Concen: 53.362 ng
RT: 8.094 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

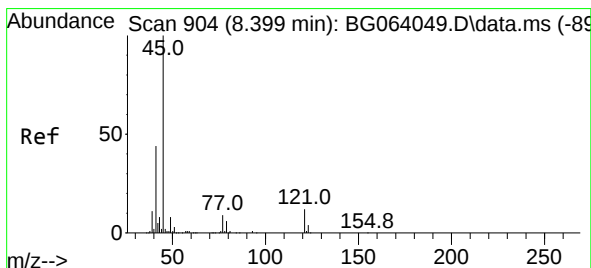
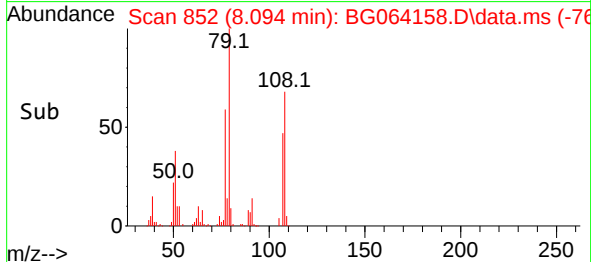
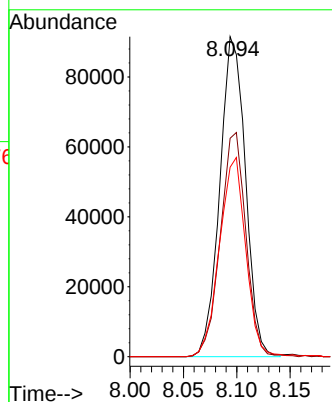


Tgt Ion: 79 Resp: 15293
Ion Ratio Lower Upper
79 100
108 68.2 61.7 92.5
77 59.2 53.9 80.9

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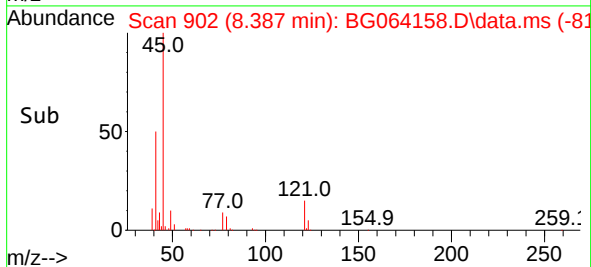
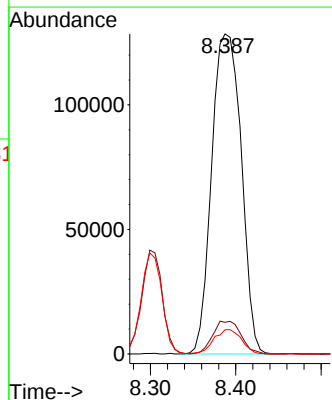
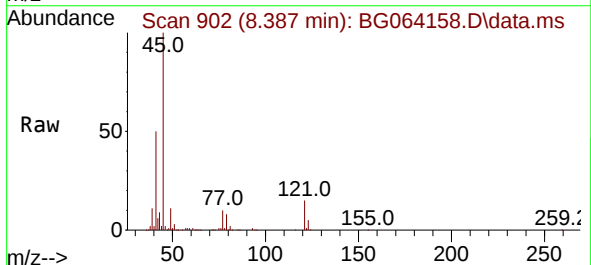
Reviewed By :Anahy
Claudio
04/03/2025

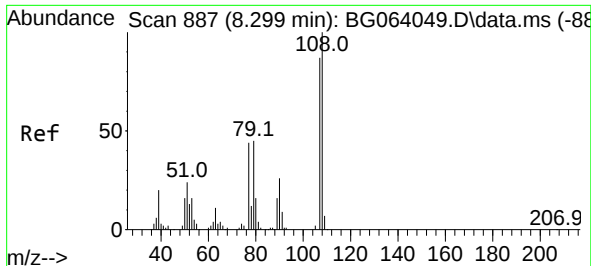
Supervised By :Jagrut
Upadhyay
04/03/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.247 ng
RT: 8.387 min Scan# 902
Delta R.T. -0.012 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion: 45 Resp: 309560
Ion Ratio Lower Upper
45 100
77 9.9 0.0 29.0
79 7.6 0.0 26.6





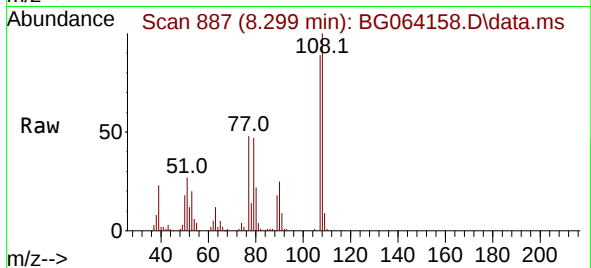
#17
2-Methylphenol
Concen: 51.878 ng
RT: 8.299 min Scan# 887
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

Client Sample Id :

72-12016MSD



Tgt Ion:	107	Resp:	13073
Ion Ratio	Lower	Upper	
107	100		
108	112.0	92.5	138.7
77	54.2	40.5	60.7
79	52.7	41.3	61.9

Manual Integrations
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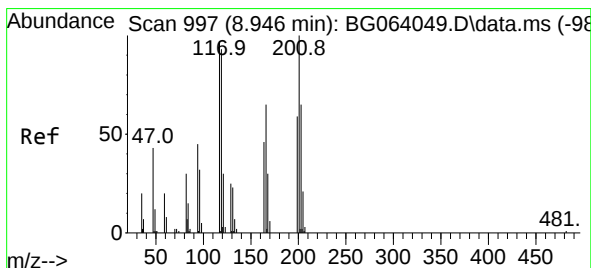
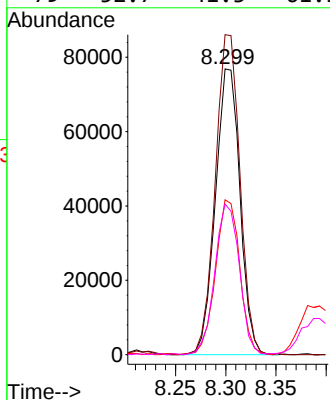
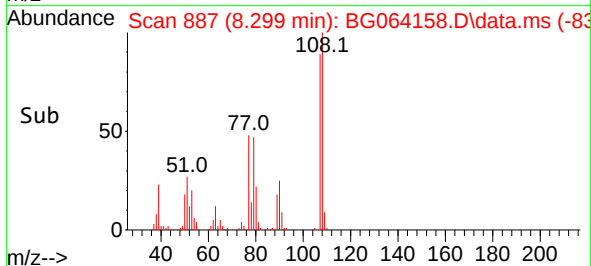
Claudio

04/03/2025

Supervised By :Jagrut

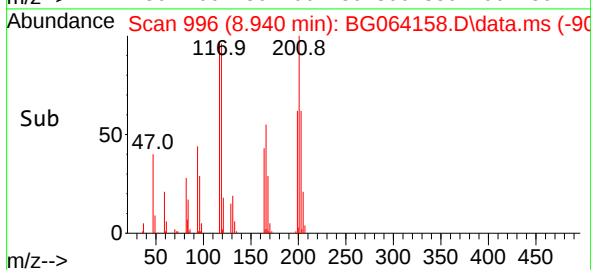
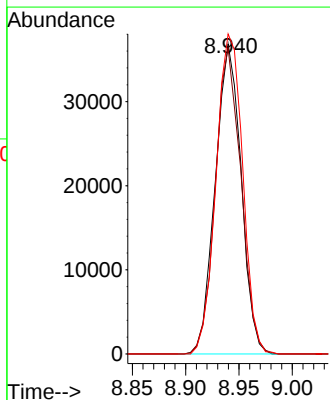
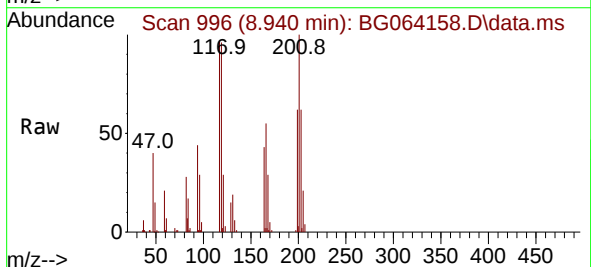
Upadhyay

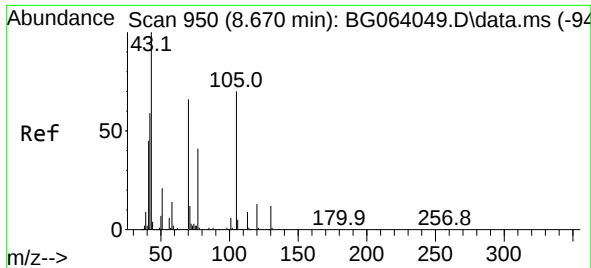
04/03/2025



#18
Hexachloroethane
Concen: 53.697 ng
RT: 8.940 min Scan# 996
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

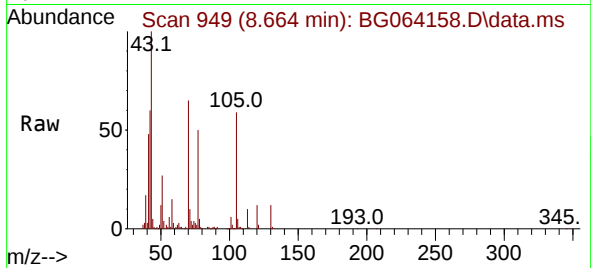
Tgt Ion:	117	Resp:	61916
Ion Ratio	Lower	Upper	
117	100		
119	98.7	76.2	114.2
201	103.3	81.5	122.3





#19
n-Nitroso-di-n-propylamine
Concen: 46.459 ng
RT: 8.664 min Scan# 949
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

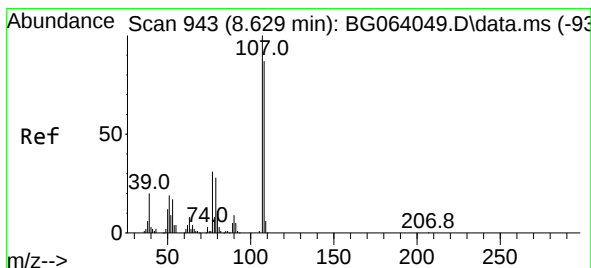
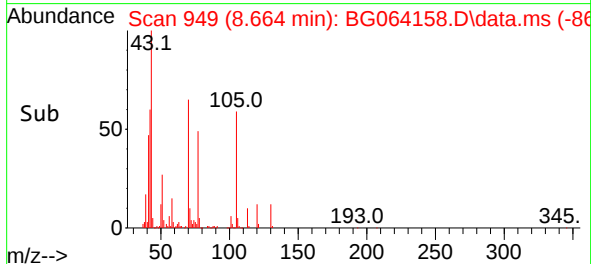
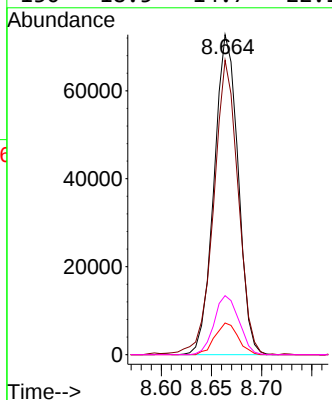


Tgt Ion: 70 Resp: 12092
Ion Ratio Lower Upper
70 100
42 92.0 72.1 108.1
101 9.9 7.2 10.8
130 18.5 14.7 22.1

Manual Integrations
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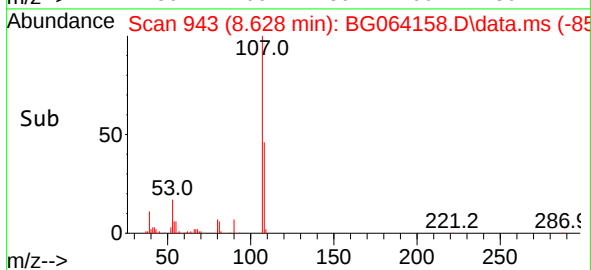
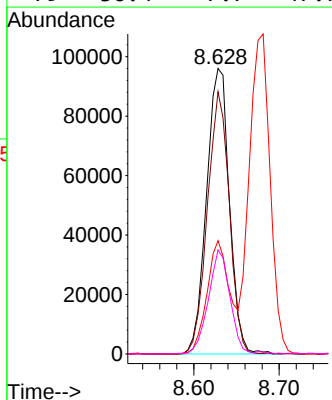
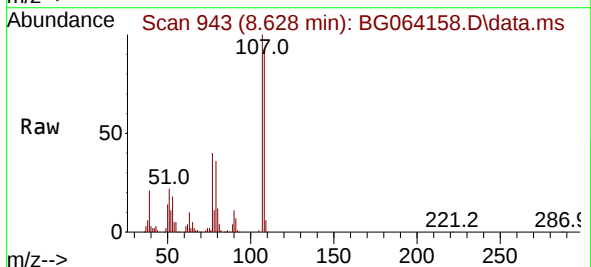
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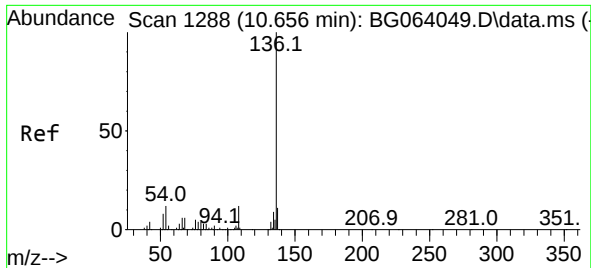
Supervised By :Jagrut
Upadhyay
04/03/2025



#20
3+4-Methylphenols
Concen: 51.531 ng
RT: 8.628 min Scan# 943
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion:107 Resp: 178783
Ion Ratio Lower Upper
107 100
108 91.9 67.0 107.0
77 39.7 11.2 51.2
79 36.4 7.7 47.7





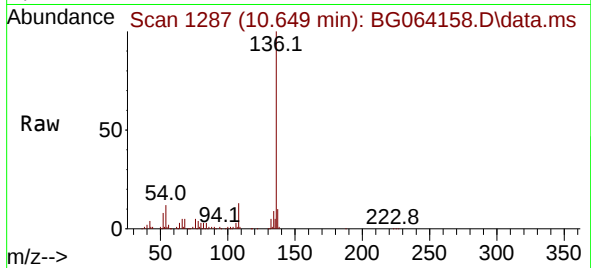
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 1287
Delta R.T. -0.007 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion:136 Resp: 189780
Ion Ratio Lower Upper
136 100
137 9.7 8.5 12.7
54 12.0 9.9 14.9
68 4.9 4.6 6.8

Manual Integrations
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Reviewed By :Anahy

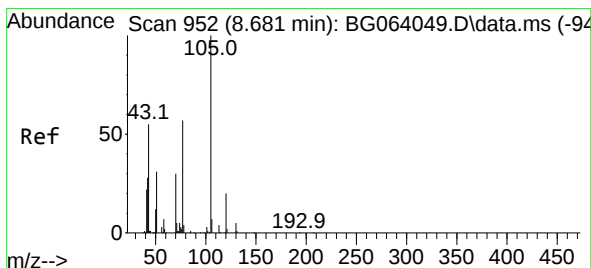
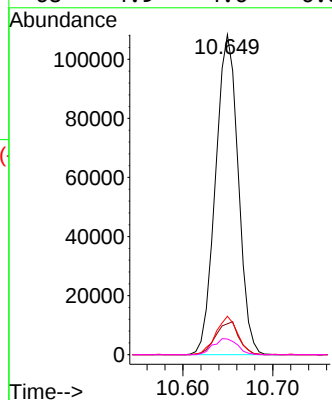
Claudio

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Supervised By :Jagrut

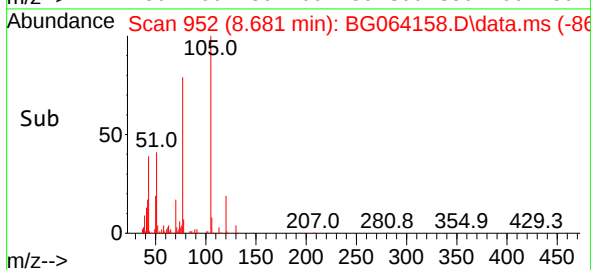
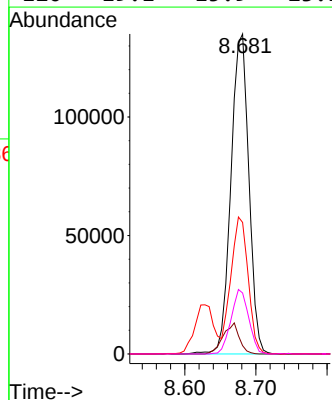
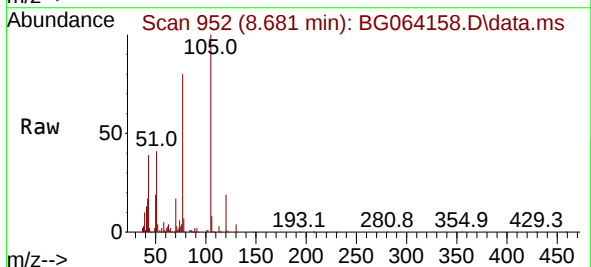
Upadhyay

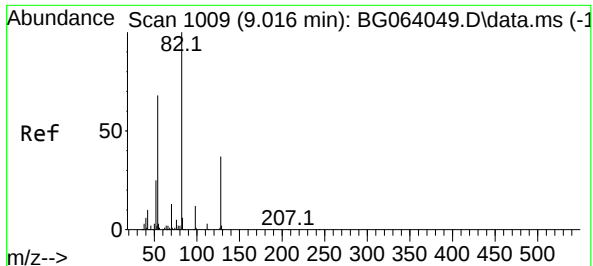
04/03/2025



#22
Acetophenone
Concen: 45.438 ng
RT: 8.681 min Scan# 952
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion:105 Resp: 236432
Ion Ratio Lower Upper
105 100
71 2.6 4.2 6.4#
51 41.1 33.3 49.9
120 19.1 15.9 23.9





#23
Nitrobenzene-d5
Concen: 89.937 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

Tgt Ion: 82 Resp: 308860
Ion Ratio Lower Upper
82 100
128 41.5 30.0 45.0
54 71.8 54.7 82.1

Manual Integrations
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Reviewed By :Anahy

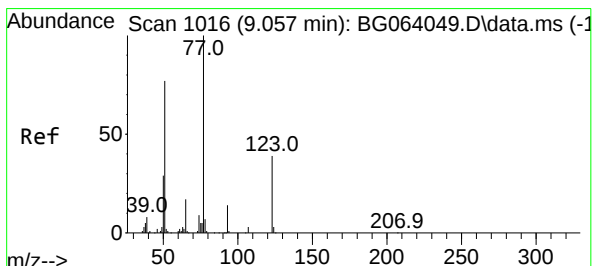
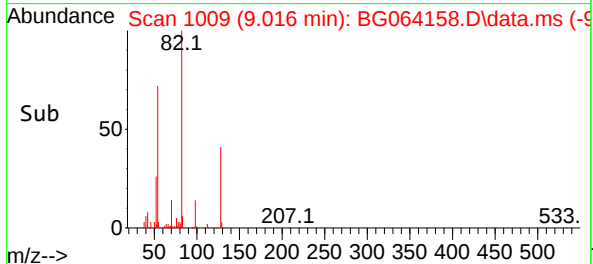
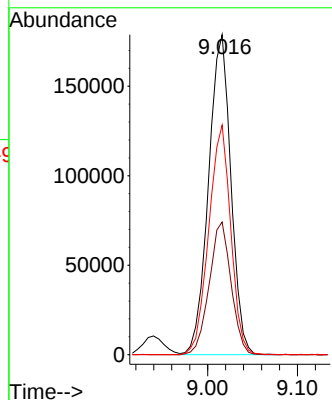
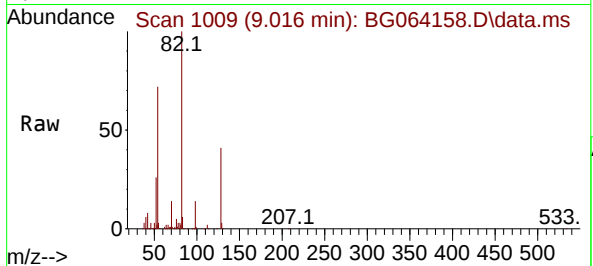
Claudio

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Supervised By :Jagrut

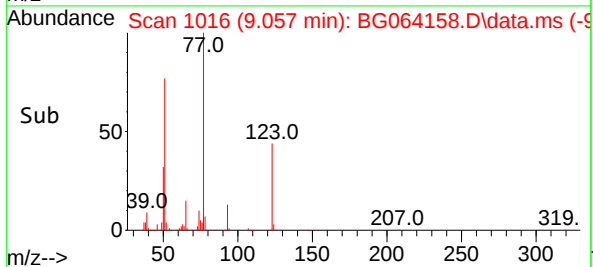
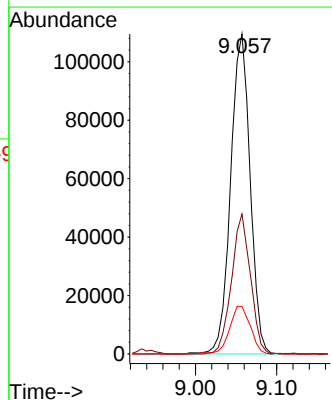
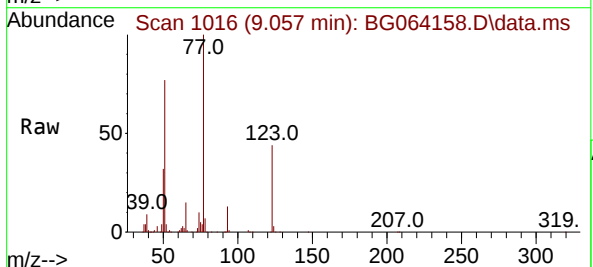
Upadhyay

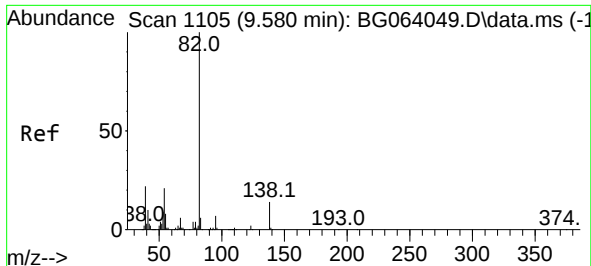
04/03/2025



#24
Nitrobenzene
Concen: 51.246 ng
RT: 9.057 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion: 77 Resp: 181875
Ion Ratio Lower Upper
77 100
123 43.7 31.4 47.2
65 14.8 13.4 20.0





#25
Isophorone
Concen: 48.039 ng
RT: 9.580 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

Tgt Ion: 82 Resp: 33020
Ion Ratio Lower Upper
82 100
95 8.3 5.8 8.8
138 14.6 10.9 16.3

Manual Integrations
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Reviewed By :Anahy

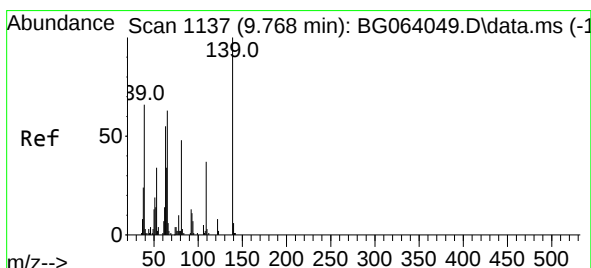
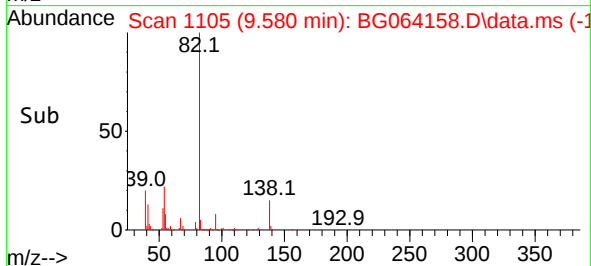
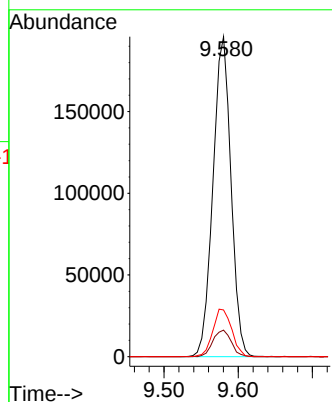
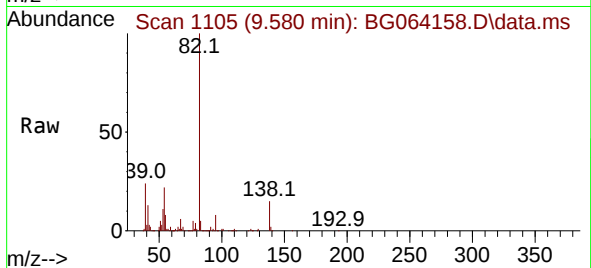
Claudio

04/03/2025

Supervised By :Jagrut

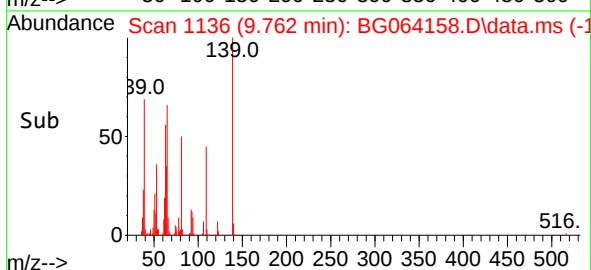
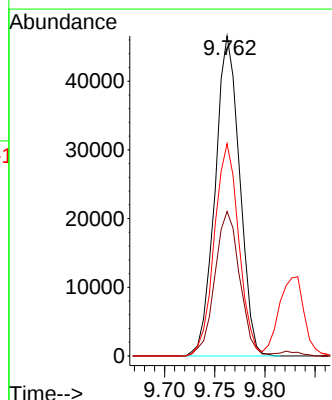
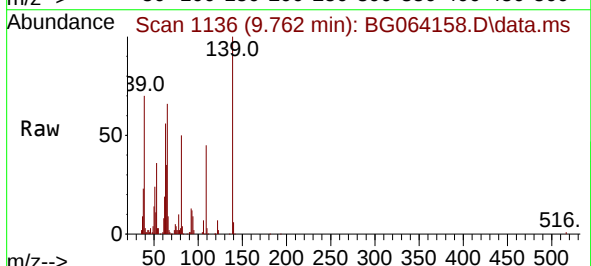
Upadhyay

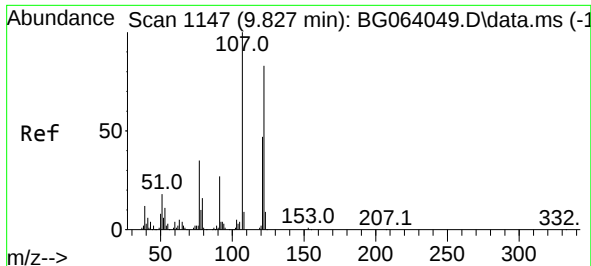
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#26
2-Nitrophenol
Concen: 60.743 ng
RT: 9.762 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion:139 Resp: 79066
Ion Ratio Lower Upper
139 100
109 45.2 29.9 44.9#
65 66.4 50.6 76.0





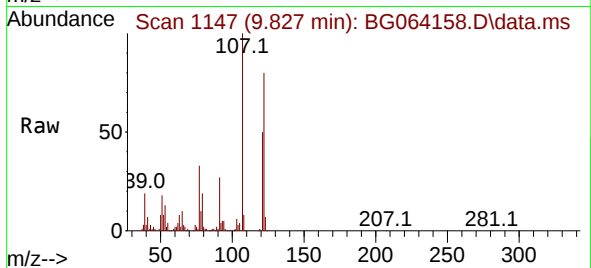
#27
2,4-Dimethylphenol
Concen: 71.576 ng
RT: 9.827 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion:122 Resp: 14749
Ion Ratio Lower Upper
122 100
107 124.8 95.4 143.0
121 62.6 44.9 67.3

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Reviewed By :Anahy

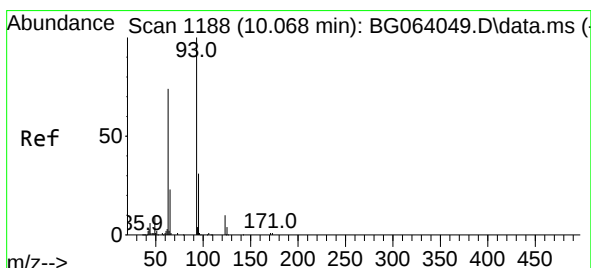
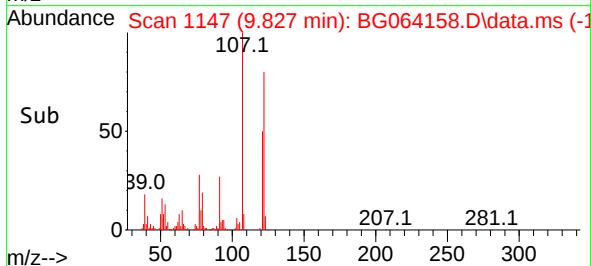
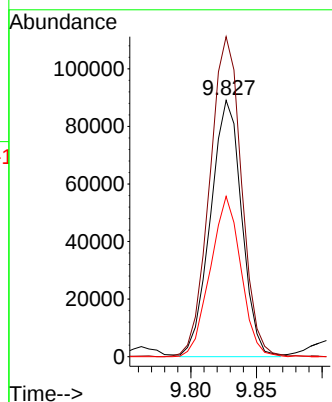
Claudio

04/03/2025

Supervised By :Jagrut

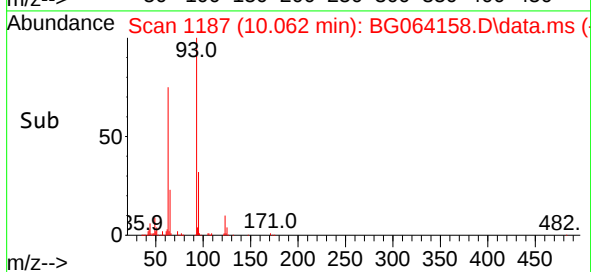
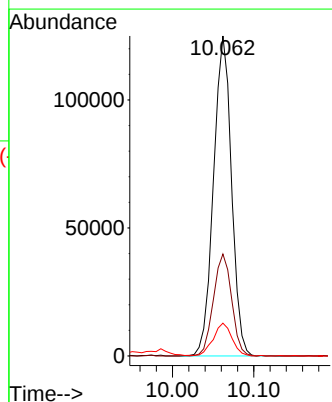
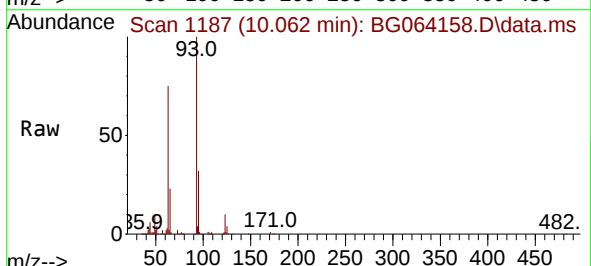
Upadhyay

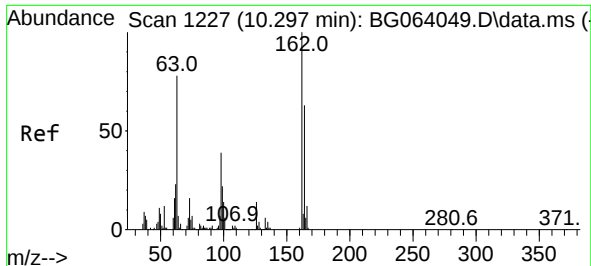
04/03/2025



#28
bis(2-Chloroethoxy)methane
Concen: 46.091 ng
RT: 10.062 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

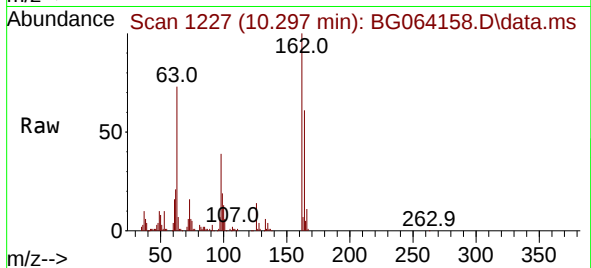
Tgt Ion: 93 Resp: 192076
Ion Ratio Lower Upper
93 100
95 31.8 25.0 37.4
123 10.3 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 55.028 ng
RT: 10.297 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

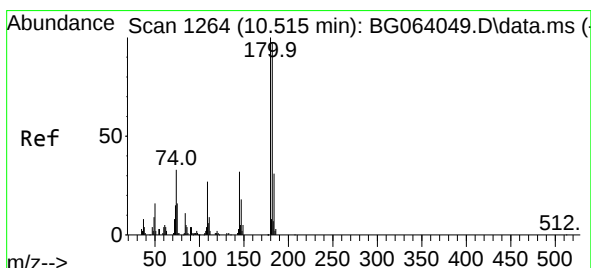
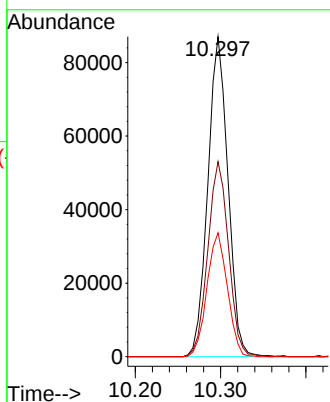
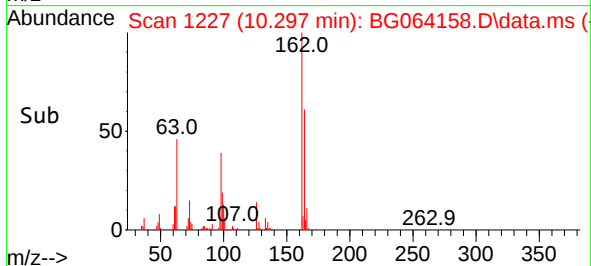


Tgt Ion:162 Resp: 14318
Ion Ratio Lower Upper
162 100
164 60.9 42.8 82.8
98 38.7 19.1 59.1

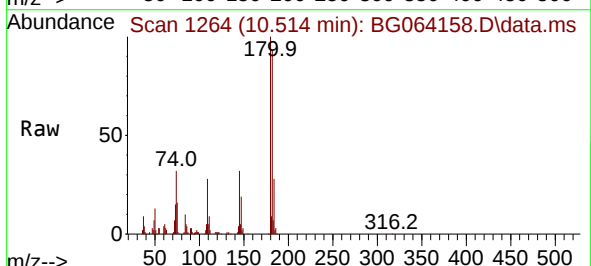
Manual Integrations
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Reviewed By :Anahy
Claudio
04/03/2025

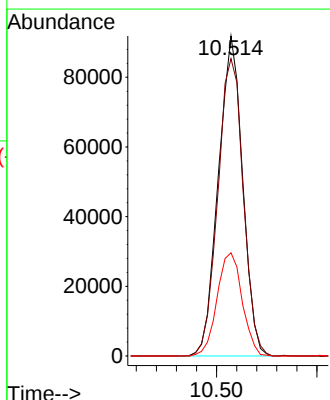
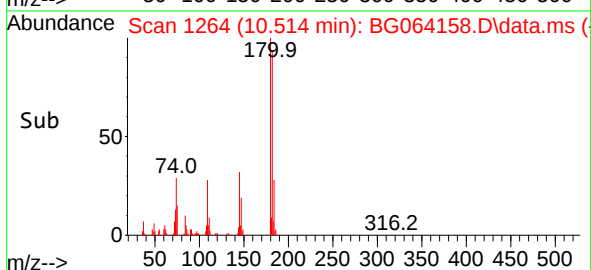
Supervised By :Jagrut
Upadhyay
04/03/2025

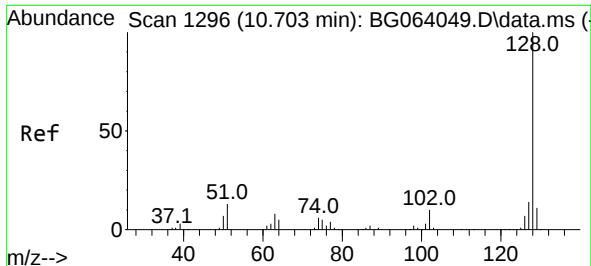


#30
1,2,4-Trichlorobenzene
Concen: 49.025 ng
RT: 10.514 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24



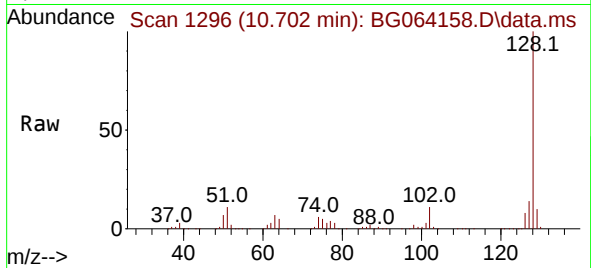
Tgt Ion:180 Resp: 153991
Ion Ratio Lower Upper
180 100
182 92.9 77.3 115.9
145 32.2 25.2 37.8





#31
Naphthalene
Concen: 48.119 ng
RT: 10.702 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

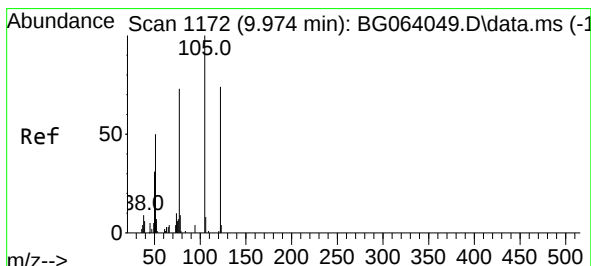
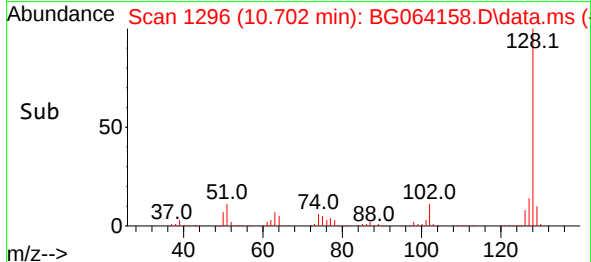
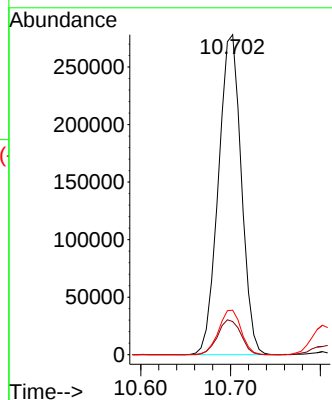


Tgt Ion:128 Resp: 492424
Ion Ratio Lower Upper
128 100
129 10.3 8.4 12.6
127 13.9 11.1 16.7

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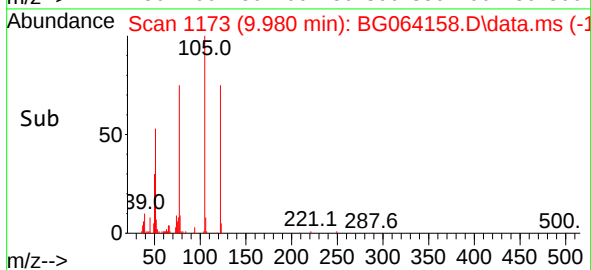
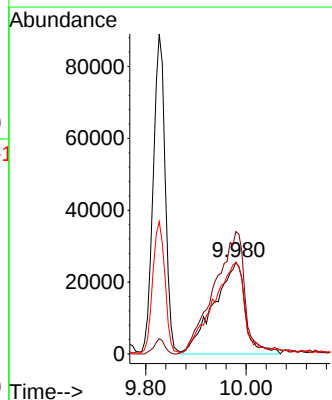
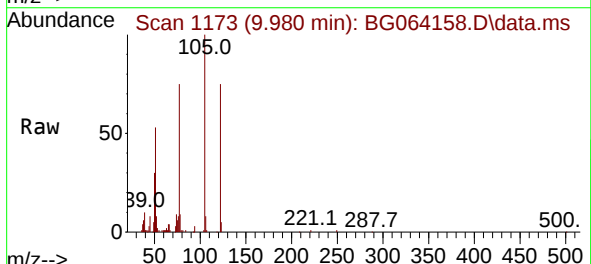
Reviewed By :Anahy
Claudio
04/03/2025

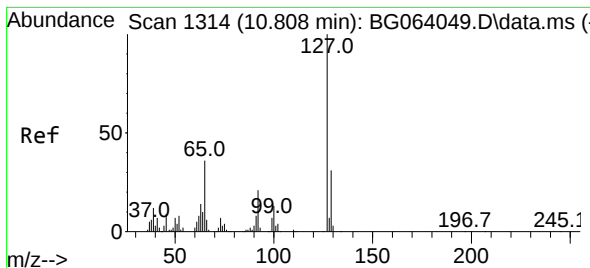
Supervised By :Jagrut
Upadhyay
04/03/2025



#32
Benzoic acid
Concen: 56.516 ng
RT: 9.980 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion:122 Resp: 110505
Ion Ratio Lower Upper
122 100
105 133.6 115.0 155.0
77 99.8 80.9 120.9





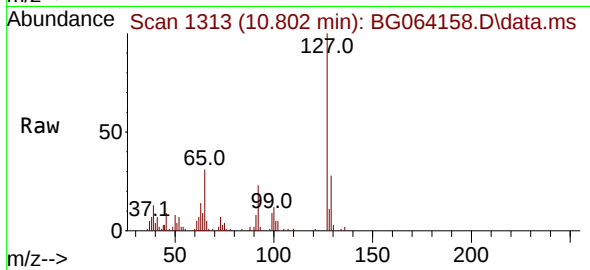
#33
4-Chloroaniline
Concen: 12.775 ng
RT: 10.802 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion:127 Resp: 4778
Ion Ratio Lower Upper
127 100
129 28.0 25.0 37.4
65 31.4 28.5 42.7
92 23.3 16.5 24.7

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Reviewed By :Anahy

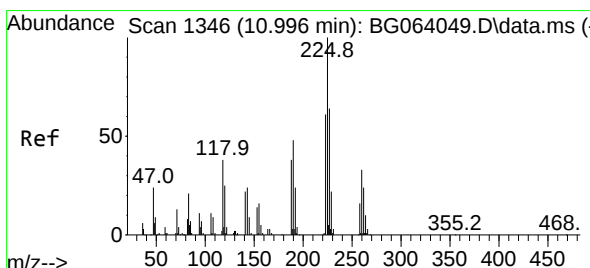
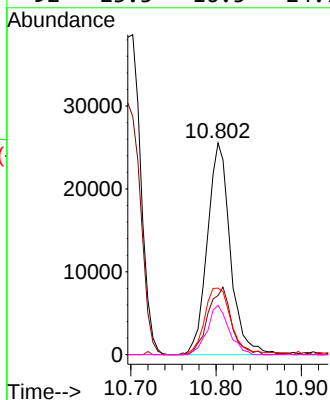
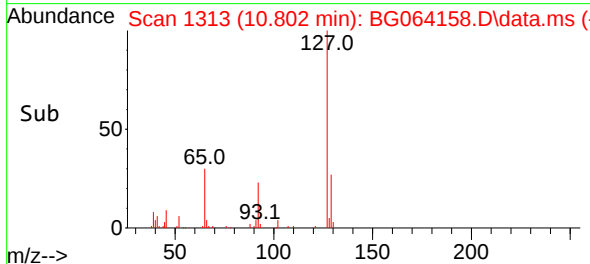
Claudio

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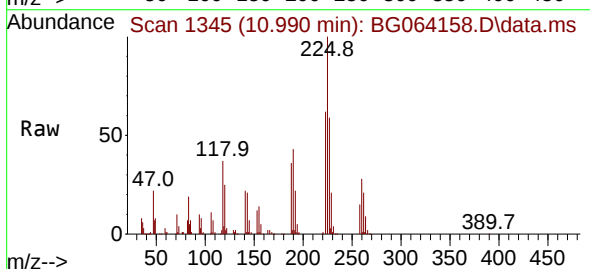
Supervised By :Jagrut

Upadhyay

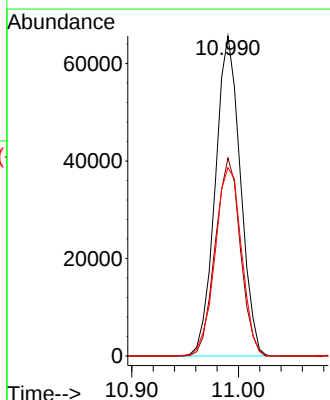
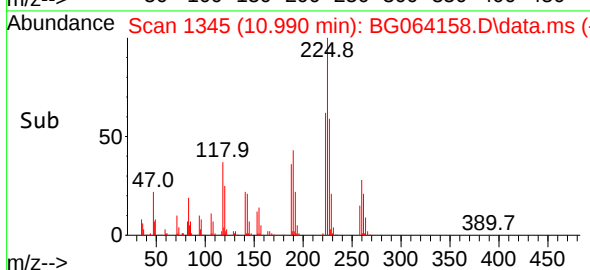
04/03/2025

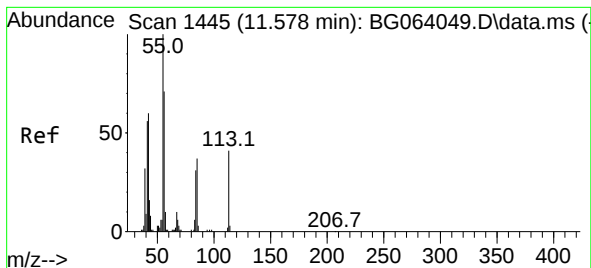


#34
Hexachlorobutadiene
Concen: 52.203 ng
RT: 10.990 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24



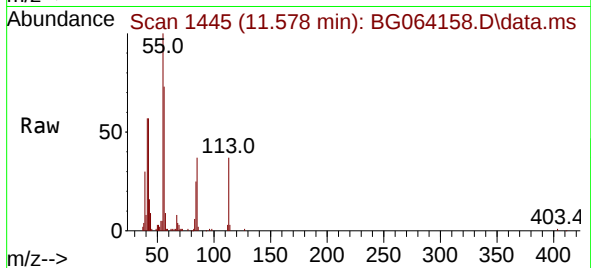
Tgt Ion:225 Resp: 107478
Ion Ratio Lower Upper
225 100
223 61.9 48.5 72.7
227 58.8 51.0 76.6





#35
Caprolactam
Concen: 45.843 ng m
RT: 11.578 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

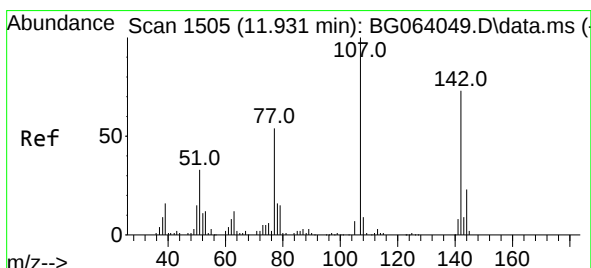
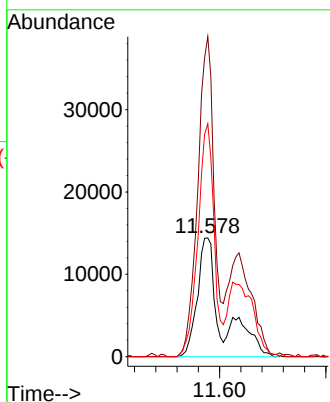
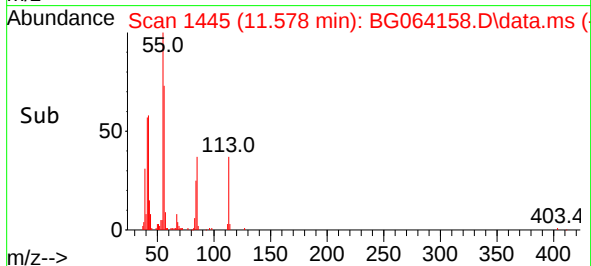


Tgt Ion:113 Resp: 4571
Ion Ratio Lower Upper
113 100
55 269.6 225.2 265.2
56 196.3 153.4 193.4

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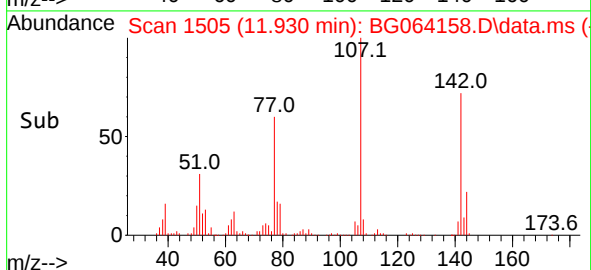
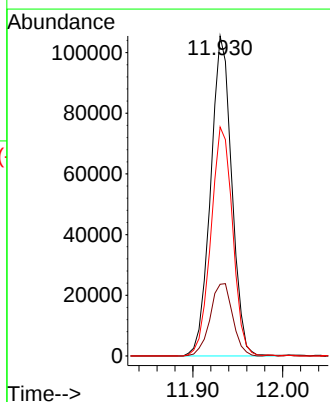
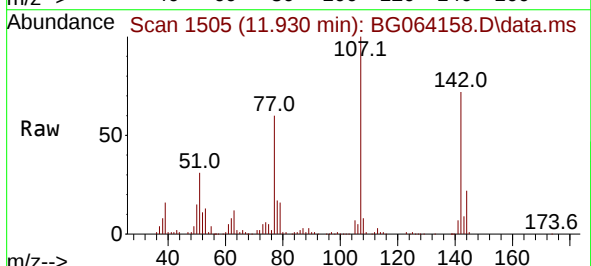
Reviewed By :Anahy
Claudio
04/03/2025

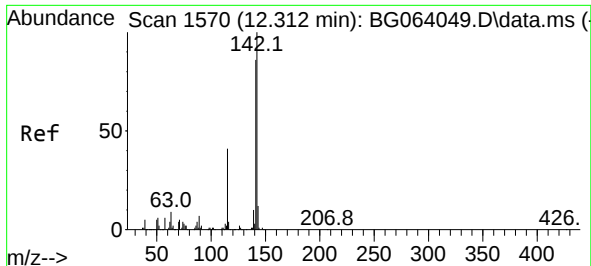
Supervised By :Jagrut
Upadhyay
04/03/2025



#36
4-Chloro-3-methylphenol
Concen: 50.553 ng
RT: 11.930 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

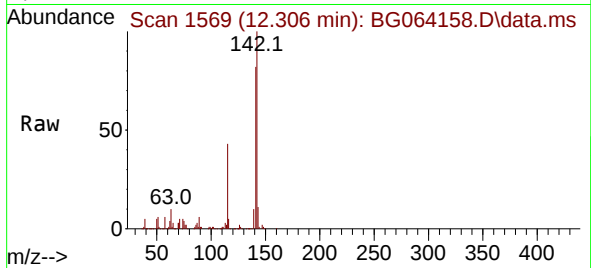
Tgt Ion:107 Resp: 172422
Ion Ratio Lower Upper
107 100
144 22.4 18.6 28.0
142 71.5 58.0 87.0





#37
2-Methylnaphthalene
Concen: 44.864 ng
RT: 12.306 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

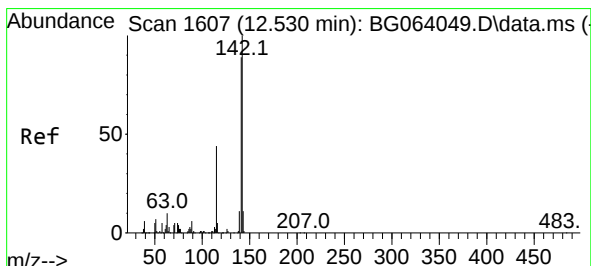
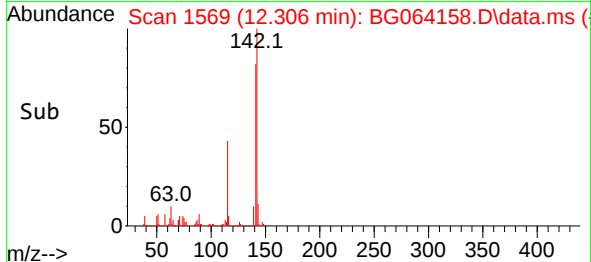
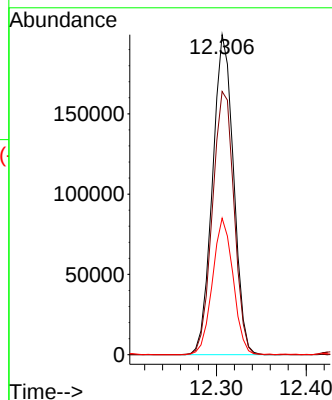


Tgt Ion:142 Resp: 324118
Ion Ratio Lower Upper
142 100
141 82.3 68.6 103.0
115 42.7 32.8 49.2

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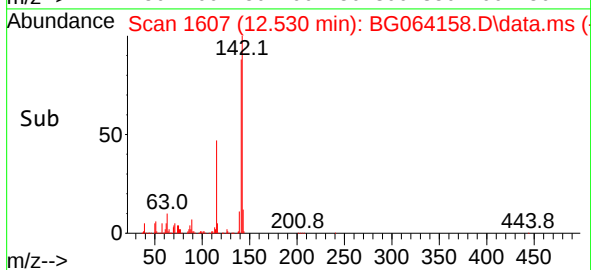
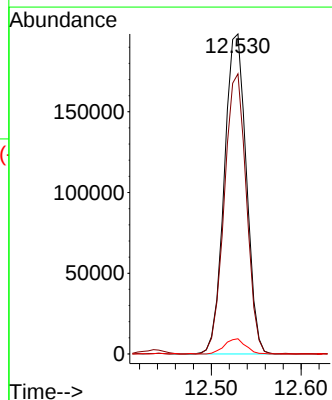
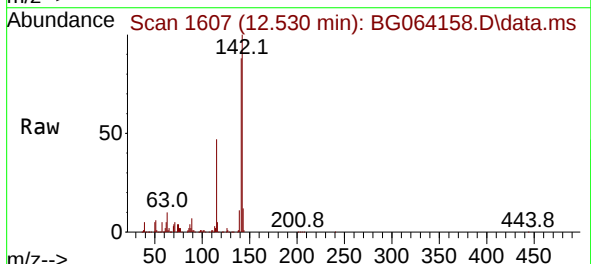
Reviewed By :Anahy
Claudio
04/03/2025

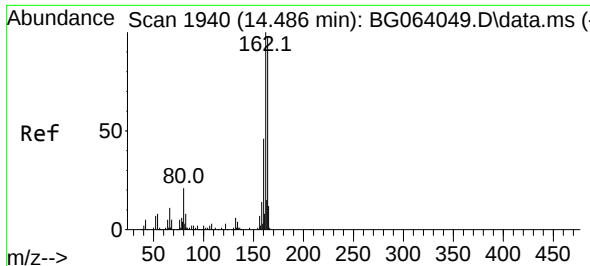
Supervised By :Jagrut
Upadhyay
04/03/2025



#38
1-Methylnaphthalene
Concen: 47.712 ng
RT: 12.530 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion:142 Resp: 337696
Ion Ratio Lower Upper
142 100
141 87.6 71.2 106.8
116 4.8 3.6 5.4





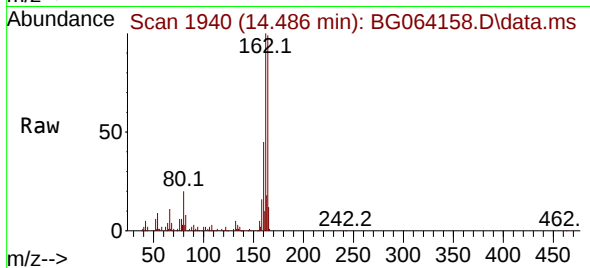
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion:164 Resp: 126463
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 45.8 37.0 55.6

Manual Integrations
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Reviewed By :Anahy

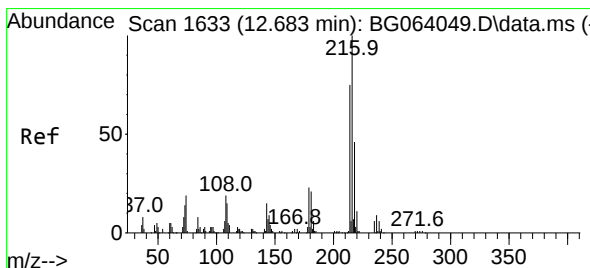
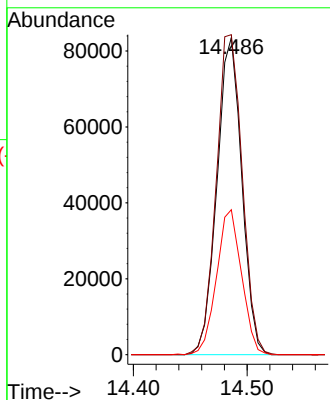
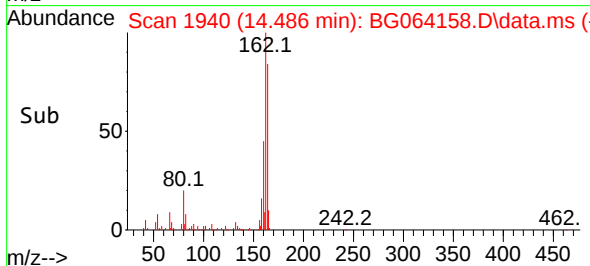
Claudio

04/03/2025

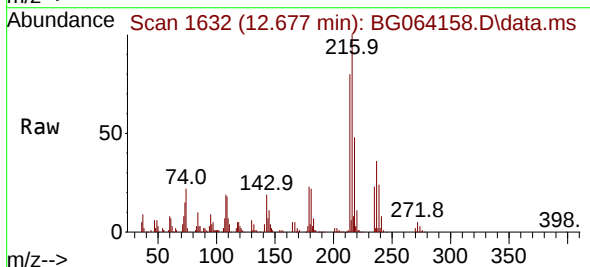
Supervised By :Jagrut

Upadhyay

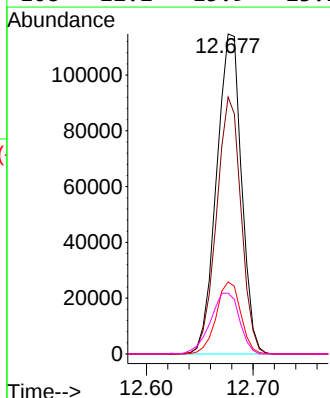
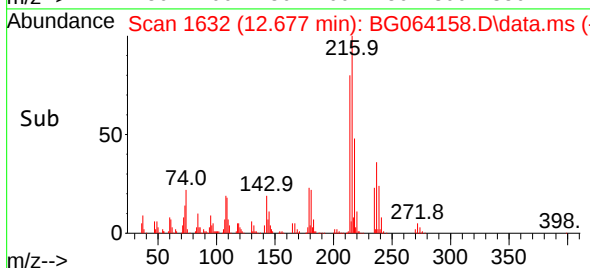
04/03/2025

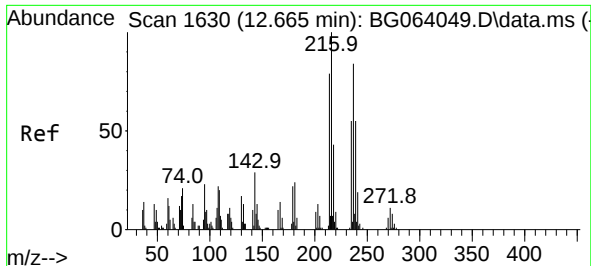


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.647 ng
RT: 12.677 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24



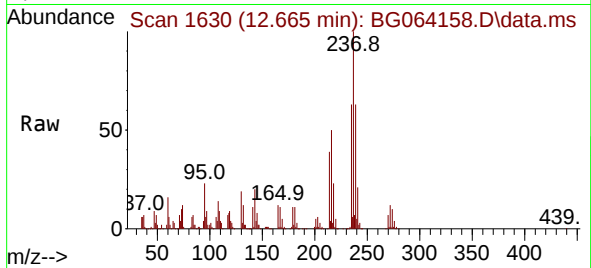
Tgt Ion:216 Resp: 186466
Ion Ratio Lower Upper
216 100
214 79.0 61.7 92.5
179 22.2 17.9 26.9
108 22.2 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 185.410 ng
RT: 12.665 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

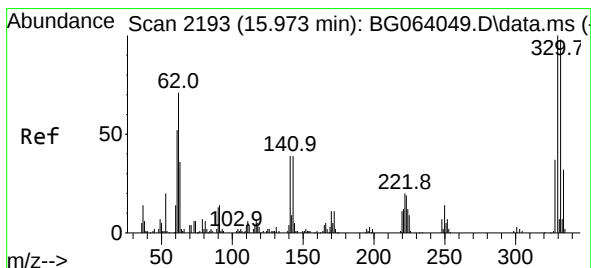
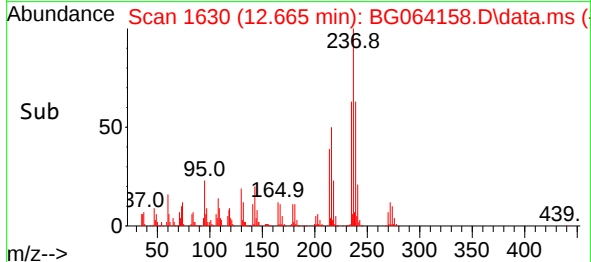
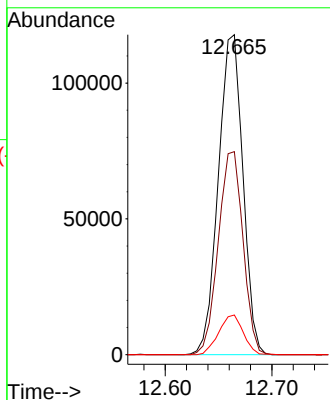


Tgt Ion: 237 Resp: 18840
Ion Ratio Lower Upper
237 100
235 63.5 46.0 86.0
272 12.4 0.0 32.8

Manual Integrations
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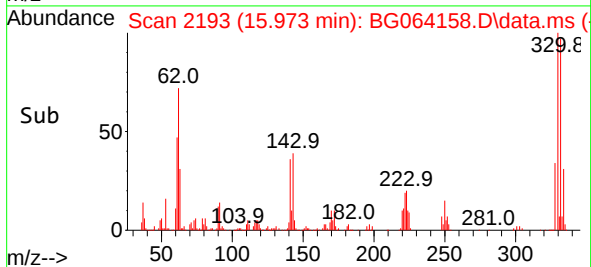
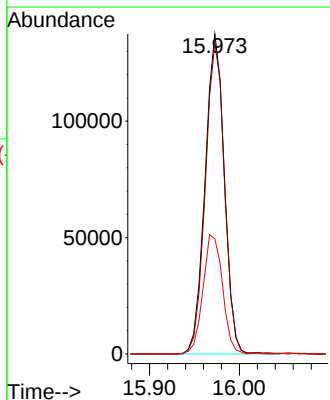
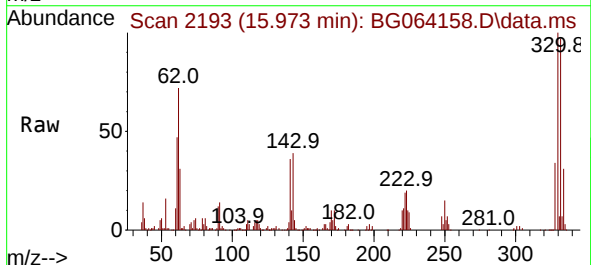
Reviewed By :Anahy
Claudio
04/03/2025

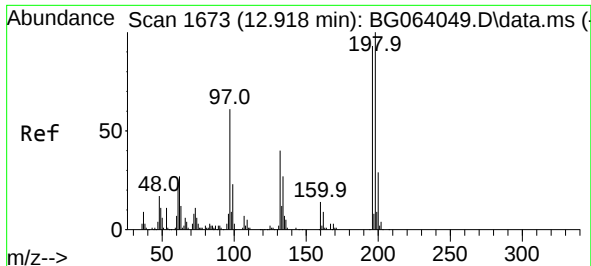
Supervised By :Jagrut
Upadhyay
04/03/2025



#42
2,4,6-Tribromophenol
Concen: 145.775 ng
RT: 15.973 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion: 330 Resp: 204920
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 37.8 29.7 44.5





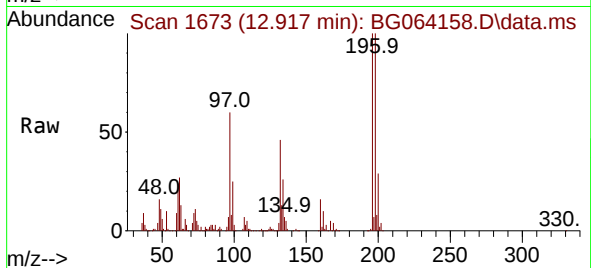
#43
2,4,6-Trichlorophenol
Concen: 60.955 ng
RT: 12.917 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion:196 Resp: 12970
Ion Ratio Lower Upper
196 100
198 100.3 85.6 128.4
200 28.8 24.6 37.0

Manual Integrations
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Reviewed By :Anahy

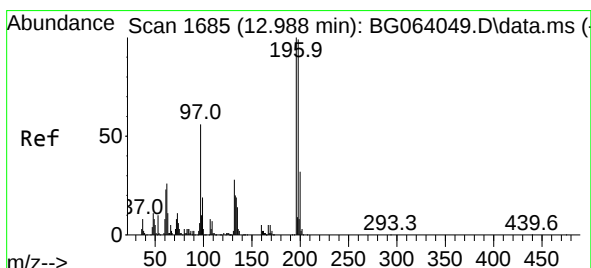
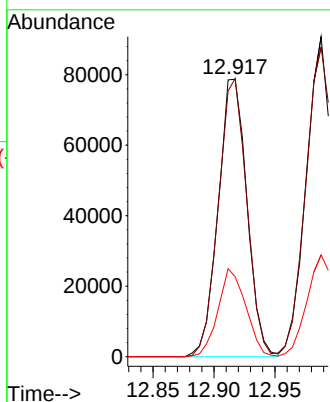
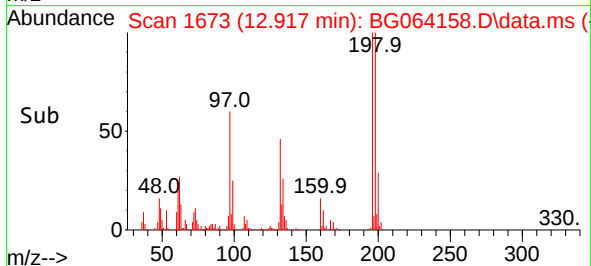
Claudio

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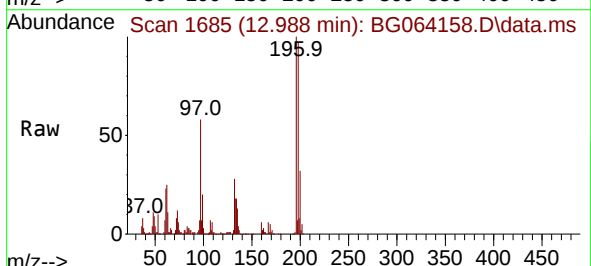
Supervised By :Jagrut

Upadhyay

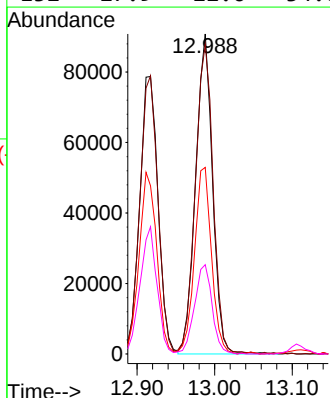
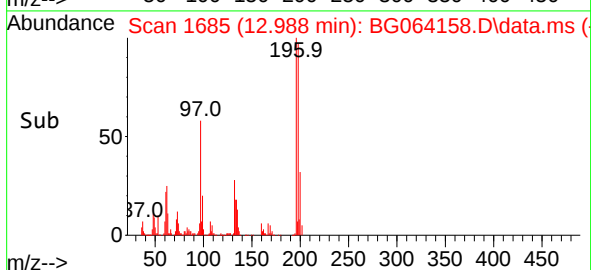
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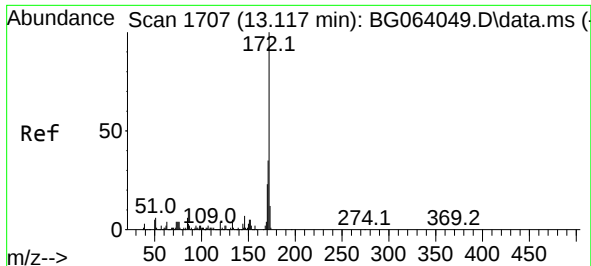


#44
2,4,5-Trichlorophenol
Concen: 58.403 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24



Tgt Ion:196 Resp: 138086
Ion Ratio Lower Upper
196 100
198 96.7 79.5 119.3
97 58.3 45.2 67.8
132 27.9 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 81.818 ng
RT: 13.111 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

Tgt Ion:172 Resp: 681668
Ion Ratio Lower Upper
172 100
171 37.6 28.0 42.0
170 24.4 18.7 28.1

Manual Integrations
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Reviewed By :Anahy

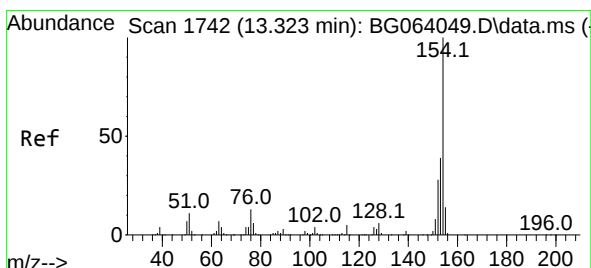
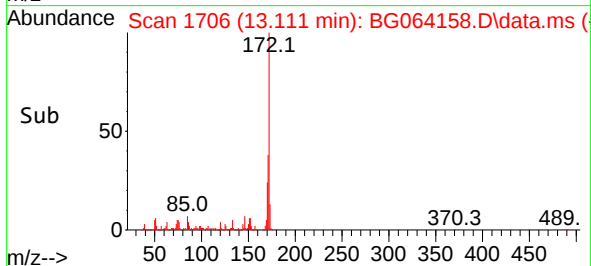
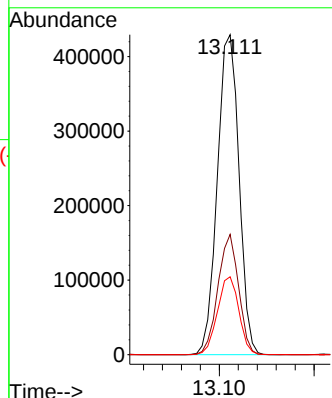
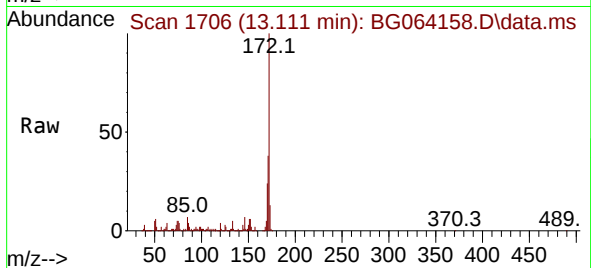
Claudio

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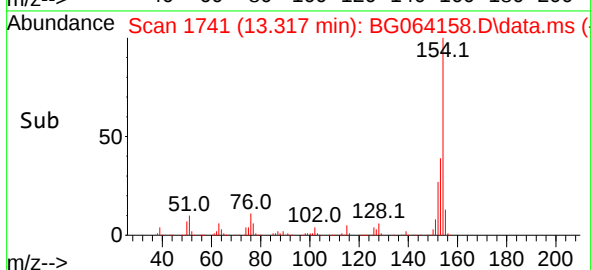
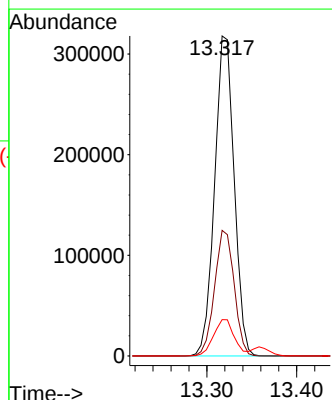
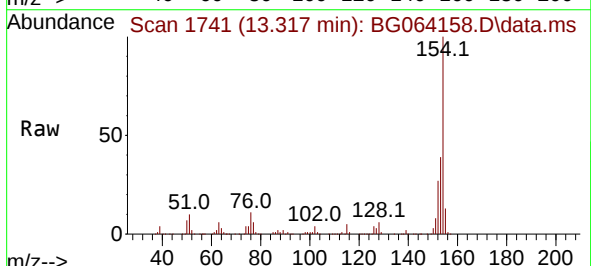
Upadhyay

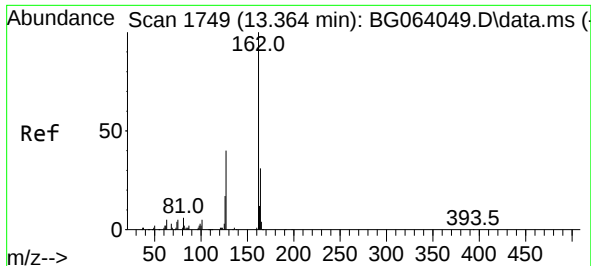
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#46
1,1'-Biphenyl
Concen: 50.238 ng
RT: 13.317 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion:154 Resp: 479995
Ion Ratio Lower Upper
154 100
153 39.3 19.5 59.5
76 11.3 0.0 33.5





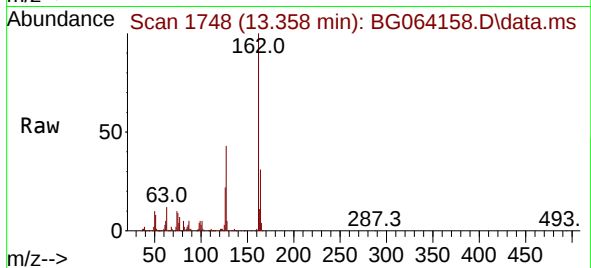
#47
2-Chloronaphthalene
Concen: 50.560 ng
RT: 13.358 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion:162 Resp: 352318
Ion Ratio Lower Upper
162 100
127 43.3 35.0 52.4
164 31.3 25.0 37.6

Manual Integrations
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Reviewed By :Anahy

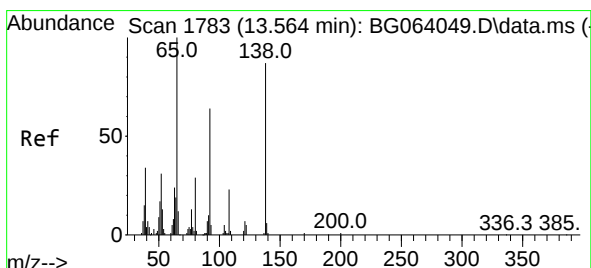
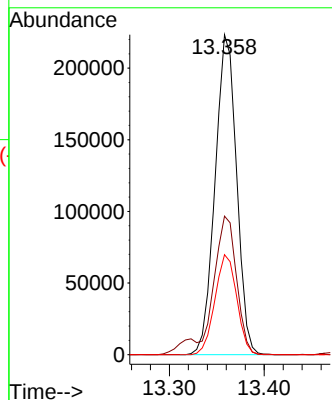
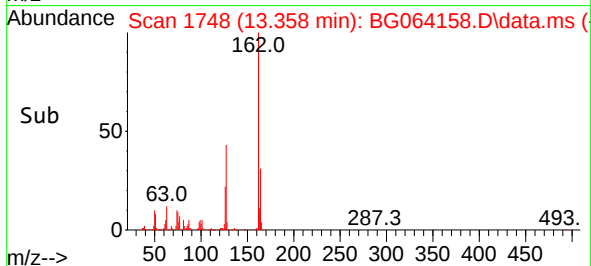
Claudio

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Supervised By :Jagrut

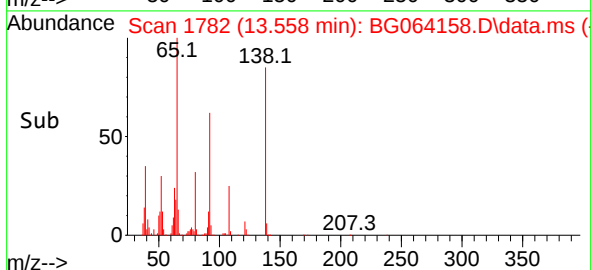
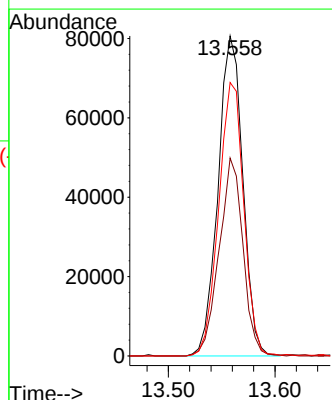
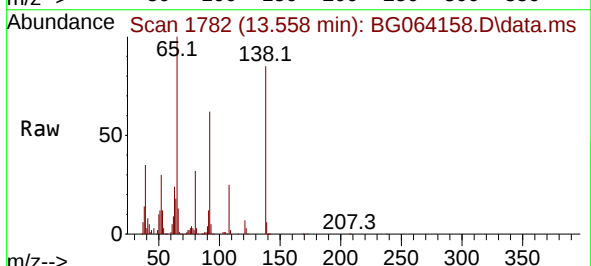
Upadhyay

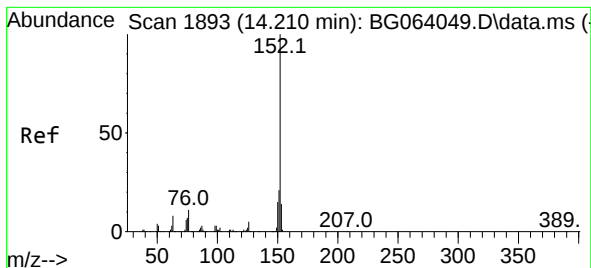
04/03/2025



#48
2-Nitroaniline
Concen: 54.634 ng
RT: 13.558 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion: 65 Resp: 129972
Ion Ratio Lower Upper
65 100
92 61.8 51.2 76.8
138 85.5 69.4 104.2





#49

Acenaphthylene

Concen: 52.299 ng

RT: 14.204 min Scan# 1892

Delta R.T. -0.006 min

Lab File: BG064158.D

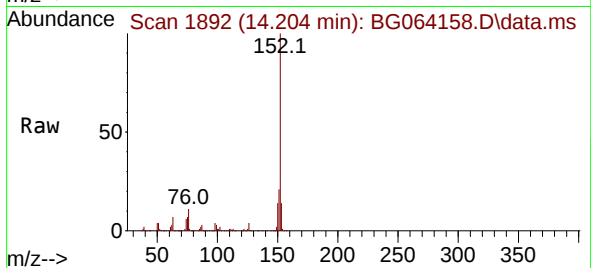
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion:152 Resp: 57643

Ion Ratio Lower Upper

152 100

151 21.3 16.4 24.6

153 13.9 10.9 16.3

Manual Integrations

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Reviewed By :Anahy

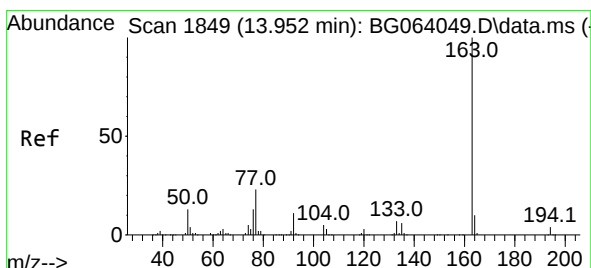
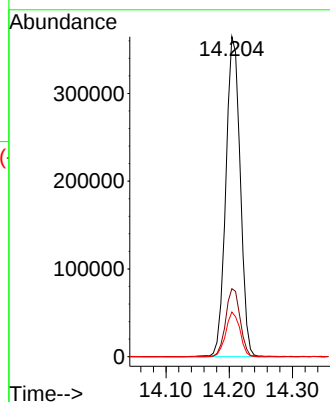
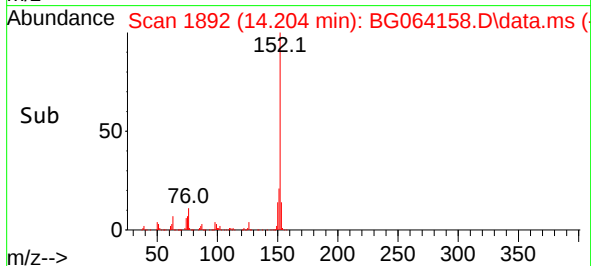
Claudio

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#50

Dimethylphthalate

Concen: 46.506 ng

RT: 13.946 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BG064158.D

Acq: 2 Apr 2025 18:24

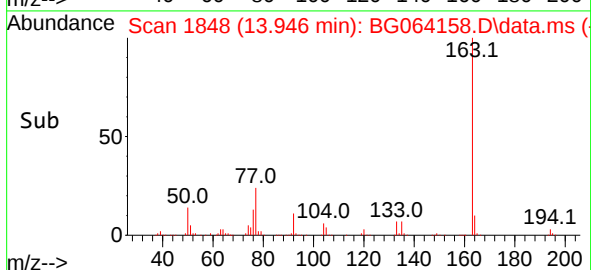
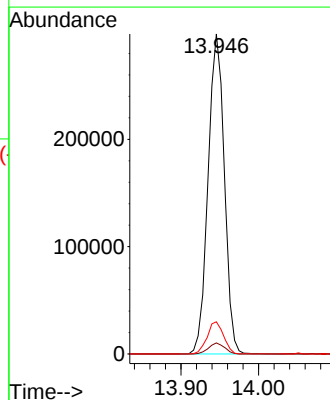
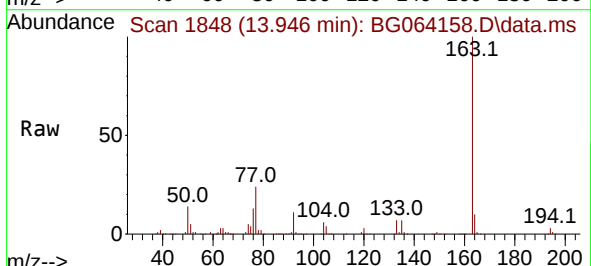
Tgt Ion:163 Resp: 434141

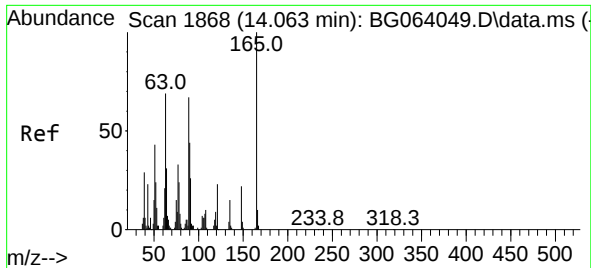
Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.749 ng
RT: 14.057 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

Tgt Ion:165 Resp: 96504
Ion Ratio Lower Upper
165 100
63 75.0 56.7 85.1
89 64.4 53.7 80.5

Manual Integrations
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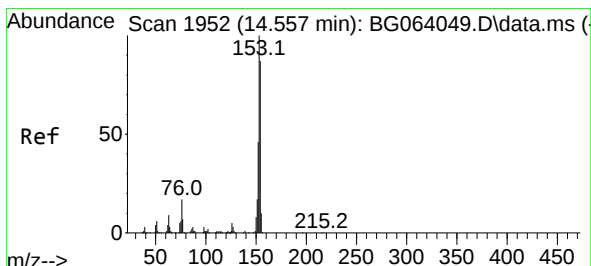
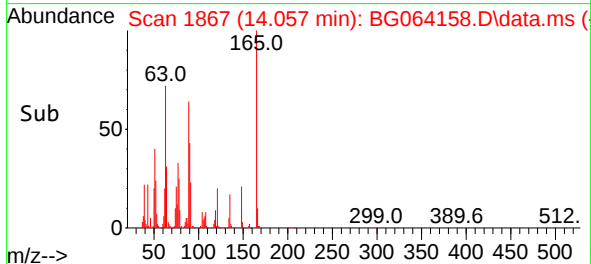
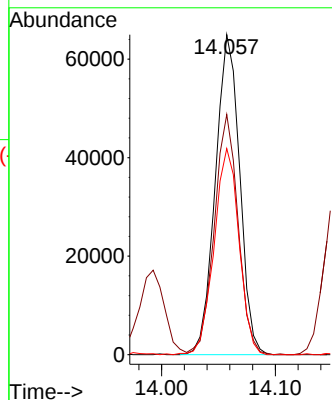
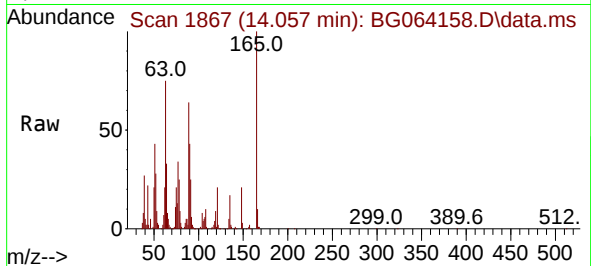
Claudio

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Supervised By :Jagrut

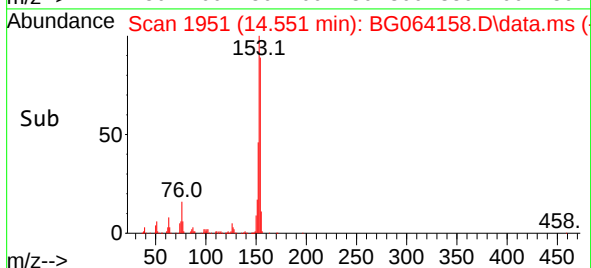
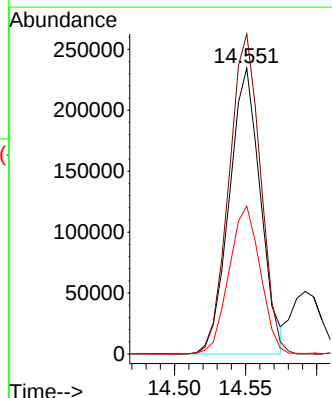
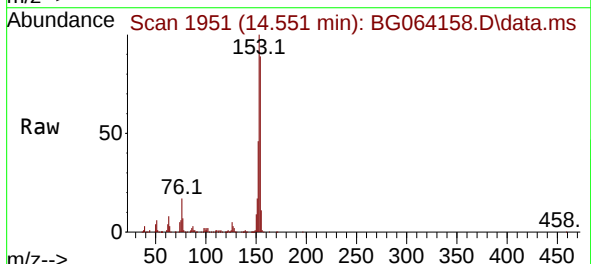
Upadhyay

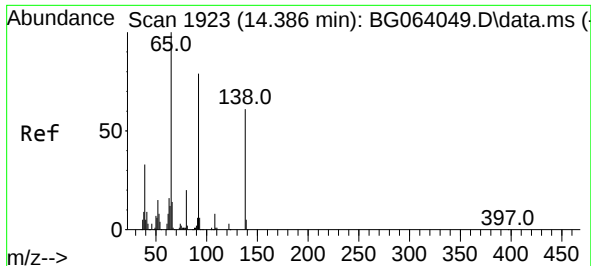
04/03/2025



#52
Acenaphthene
Concen: 48.503 ng
RT: 14.551 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

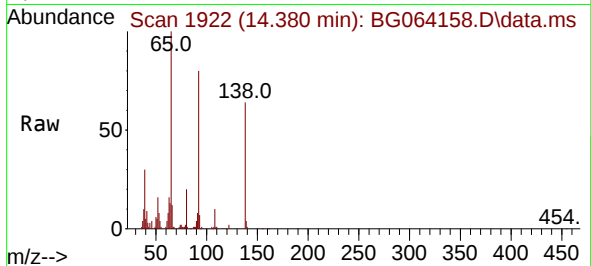
Tgt Ion:154 Resp: 358772
Ion Ratio Lower Upper
154 100
153 112.0 91.6 137.4
152 51.8 42.5 63.7





#53
3-Nitroaniline
Concen: 26.795 ng
RT: 14.380 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

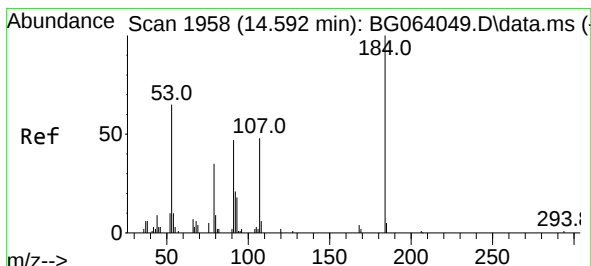
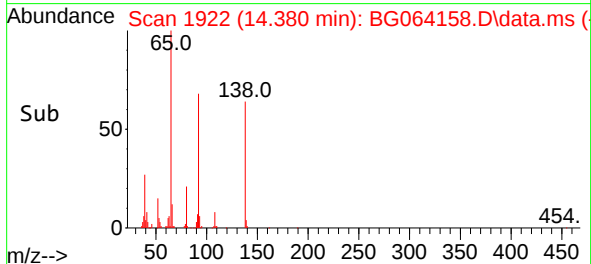
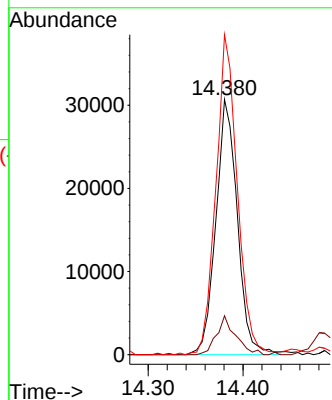


Tgt Ion:138 Resp: 48349
Ion Ratio Lower Upper
138 100
108 15.2 10.1 15.1
92 125.4 104.1 156.1

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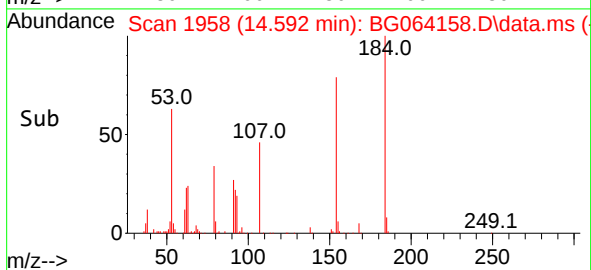
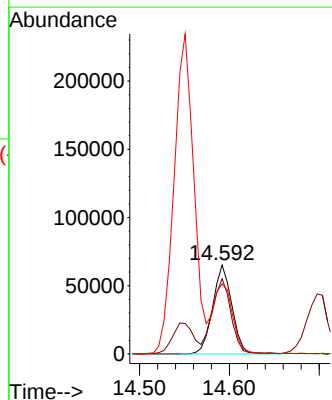
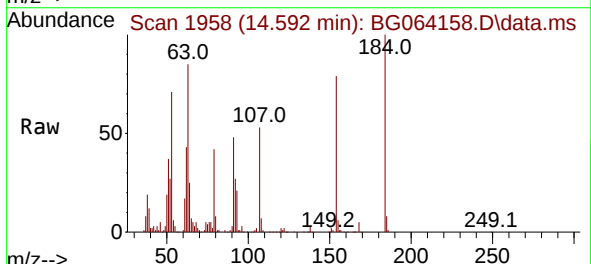
Reviewed By :Anahy
Claudio
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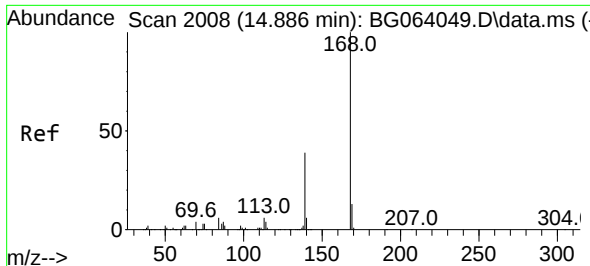
Supervised By :Jagrut
Upadhyay
04/03/2025



#54
2,4-Dinitrophenol
Concen: 118.154 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion:184 Resp: 96589
Ion Ratio Lower Upper
184 100
63 84.7 57.5 86.3
154 78.9 52.3 78.5#





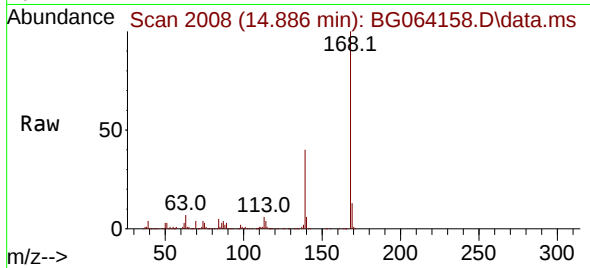
#55
Dibenzenofuran
Concen: 47.679 ng
RT: 14.886 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion:168 Resp: 571334
Ion Ratio Lower Upper
168 100
139 39.8 31.1 46.7
169 13.1 10.5 15.7

Manual Integrations
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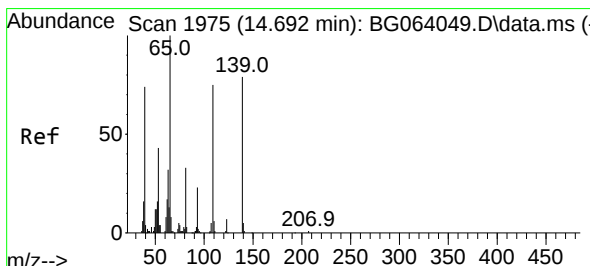
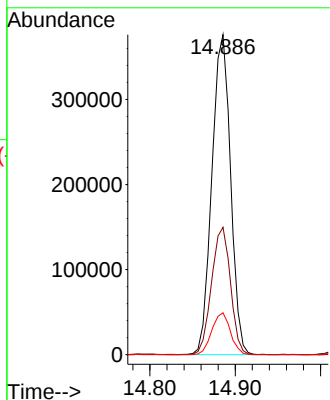
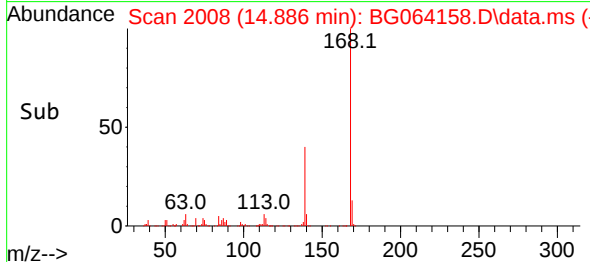
Claudio

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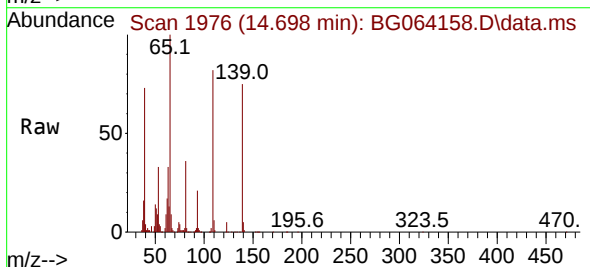
Supervised By :Jagrut

Upadhyay

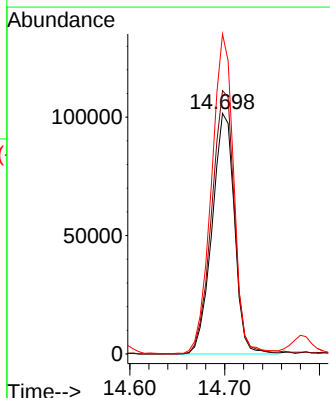
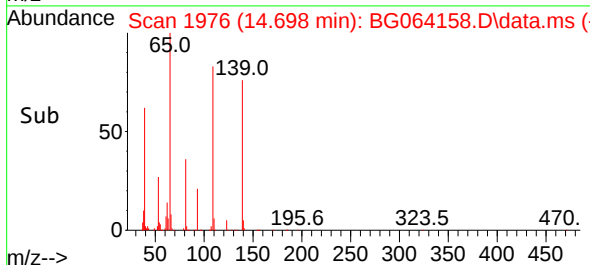
04/03/2025

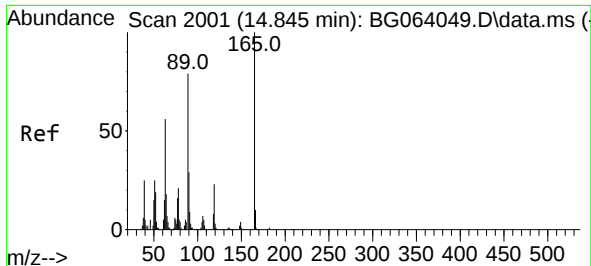


#56
4-Nitrophenol
Concen: 110.039 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24



Tgt Ion:139 Resp: 166507
Ion Ratio Lower Upper
139 100
109 109.4 74.9 114.9
65 133.0 106.8 146.8





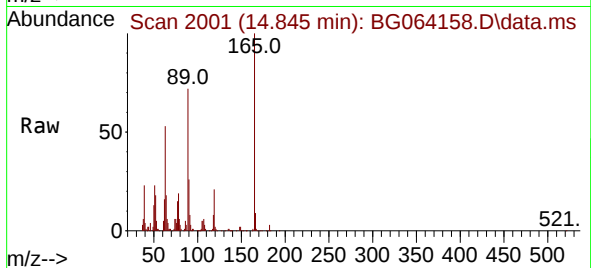
#57
2,4-Dinitrotoluene
Concen: 53.572 ng
RT: 14.845 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion:165 Resp: 141190
Ion Ratio Lower Upper
165 100
63 53.3 45.0 67.6
89 72.4 63.1 94.7
182 2.8 1.0 1.4#

Manual Integrations
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Reviewed By :Anahy

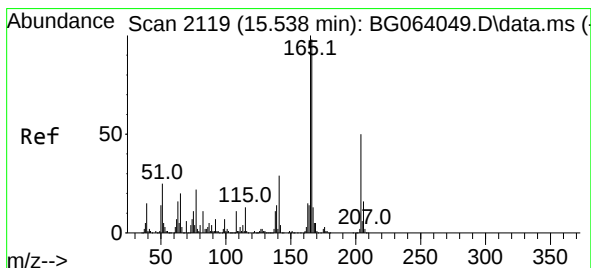
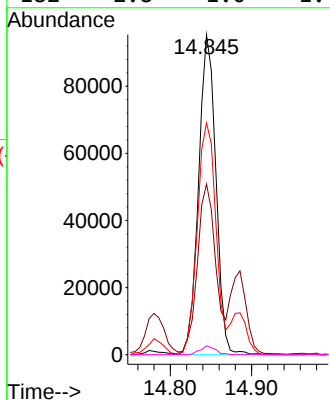
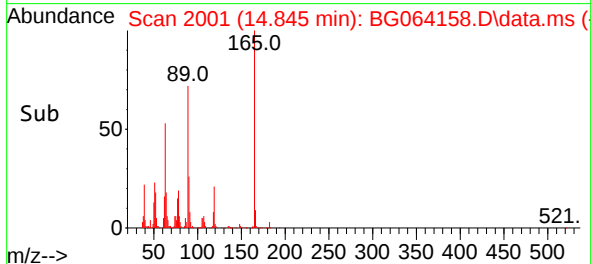
Claudio

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Supervised By :Jagrut

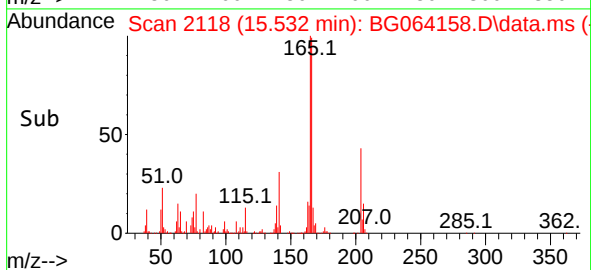
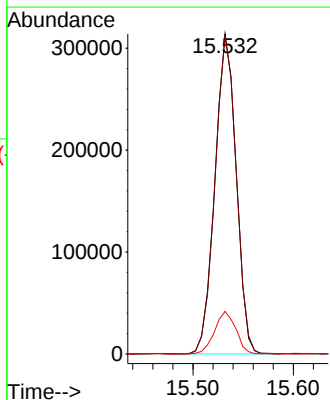
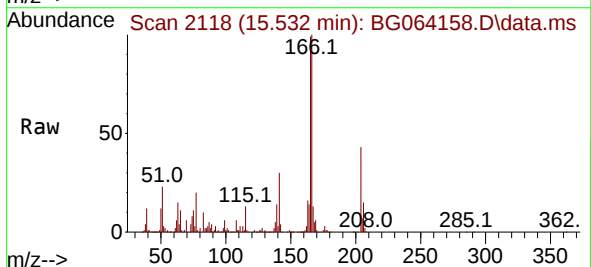
Upadhyay

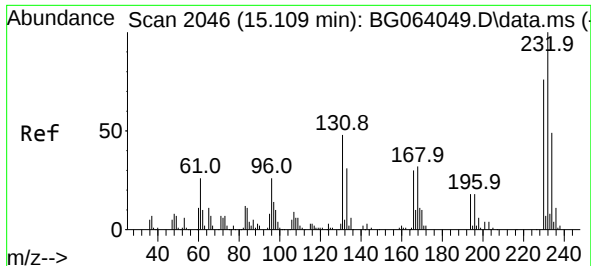
04/03/2025



#58
Fluorene
Concen: 49.426 ng
RT: 15.532 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion:166 Resp: 461288
Ion Ratio Lower Upper
166 100
165 99.4 81.8 122.8
167 13.3 10.8 16.2





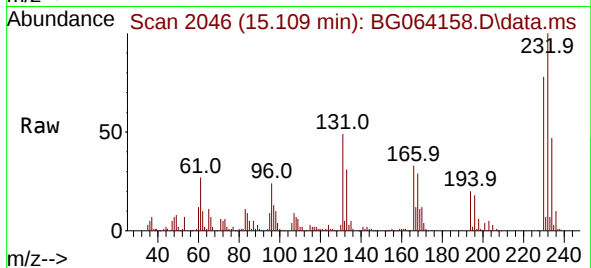
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.124 ng
RT: 15.109 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion:232 Resp: 127060
Ion Ratio Lower Upper
232 100
131 47.4 36.3 54.5
130 3.0 1.9 2.9
166 32.7 22.8 34.2

Manual Integrations

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Reviewed By :Anahy

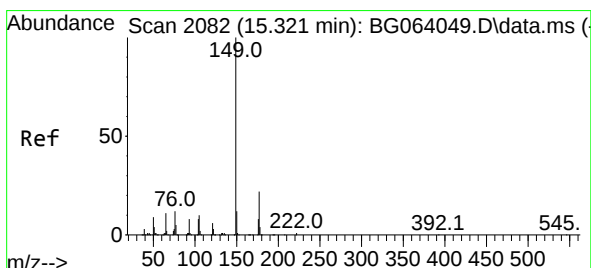
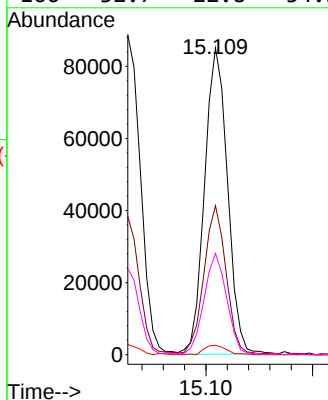
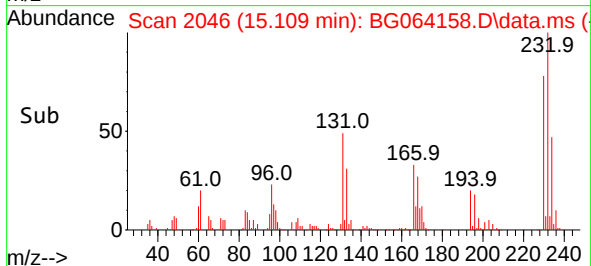
Claudio

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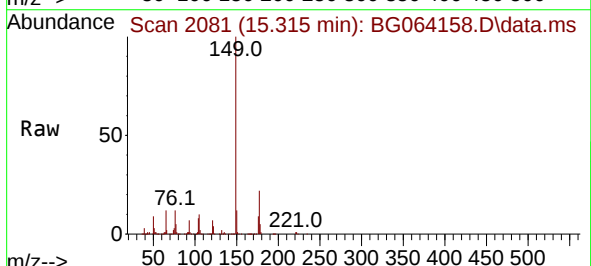
Supervised By :Jagrut

Upadhyay

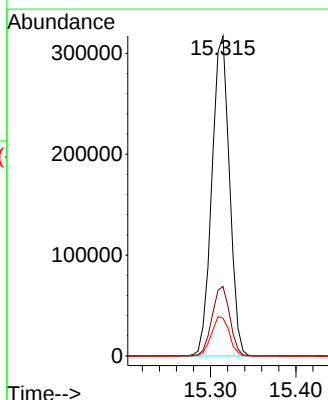
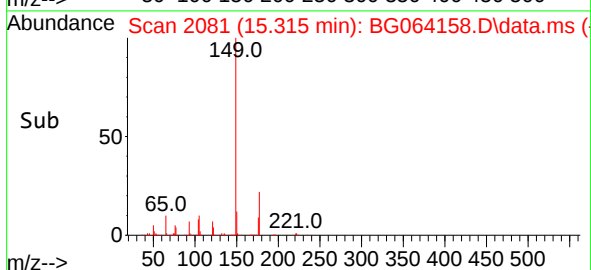
04/03/2025

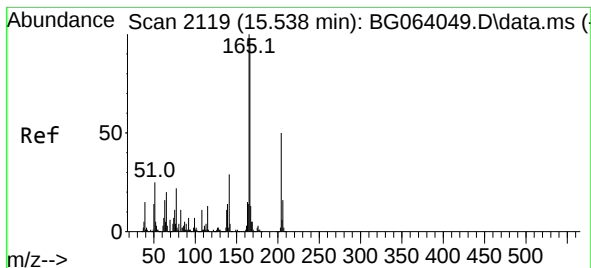


#60
Diethylphthalate
Concen: 44.941 ng
RT: 15.315 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24



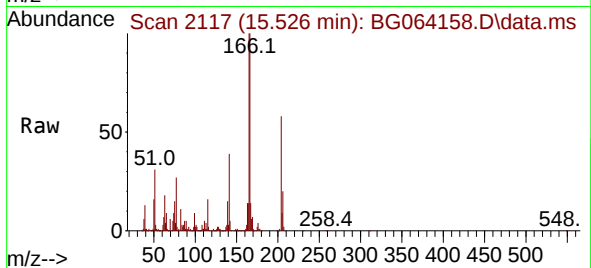
Tgt Ion:149 Resp: 455446
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 11.8 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 45.602 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

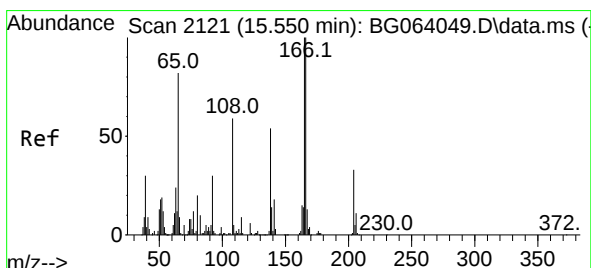
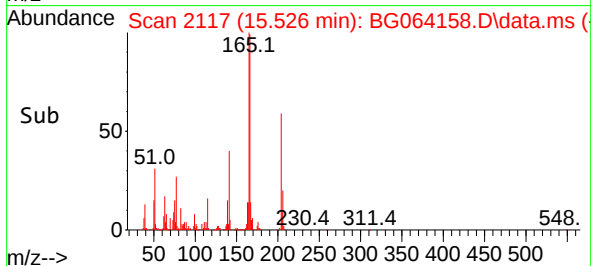
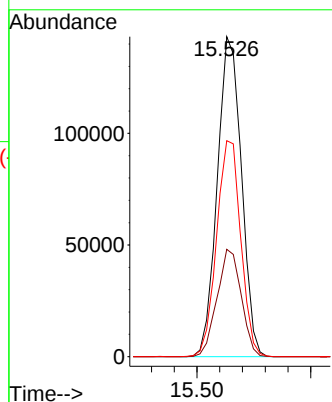


Tgt Ion:204 Resp: 21149
Ion Ratio Lower Upper
204 100
206 33.6 25.5 38.3
141 67.5 45.4 68.0

Manual Integrations
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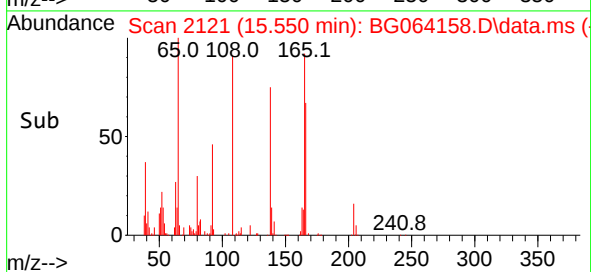
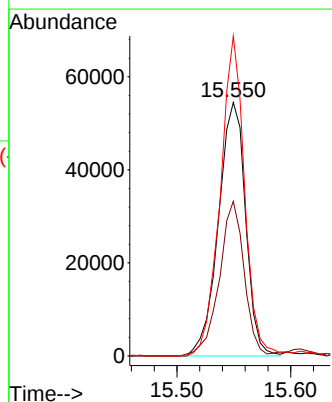
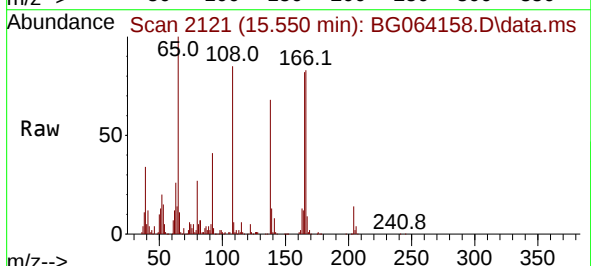
Reviewed By :Anahy
Claudio
04/03/2025

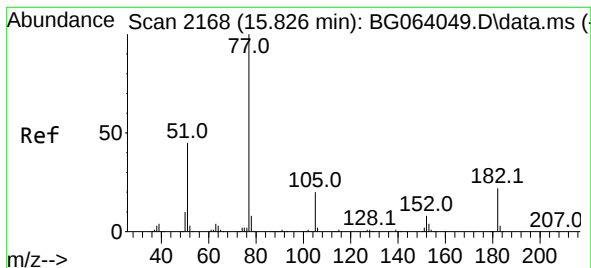
Supervised By :Jagrut
Upadhyay
04/03/2025



#62
4-Nitroaniline
Concen: 46.262 ng
RT: 15.550 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion:138 Resp: 90114
Ion Ratio Lower Upper
138 100
92 61.0 36.1 76.1
108 126.1 87.9 127.9





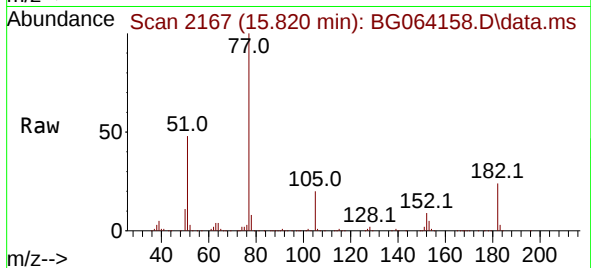
#63
Azobenzene
Concen: 45.778 ng
RT: 15.820 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion: 77 Resp: 49505
Ion Ratio Lower Upper
77 100
182 24.3 2.4 42.4
105 20.1 0.0 40.0
51 47.9 24.9 64.9

Manual Integrations
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Reviewed By :Anahy

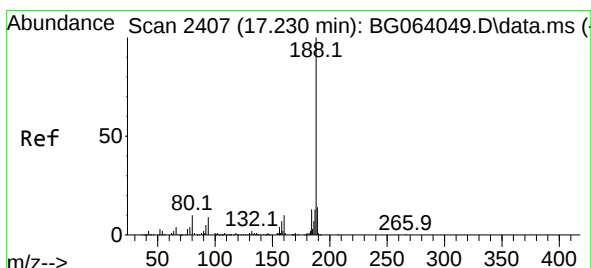
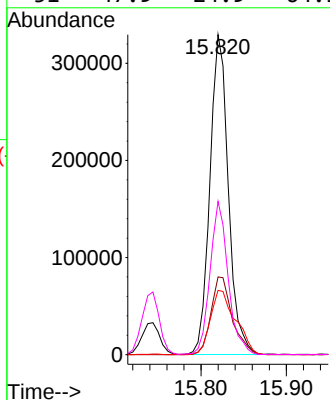
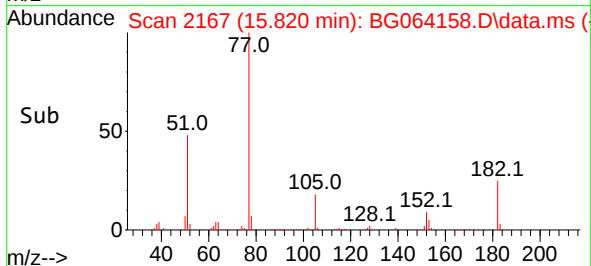
Claudio

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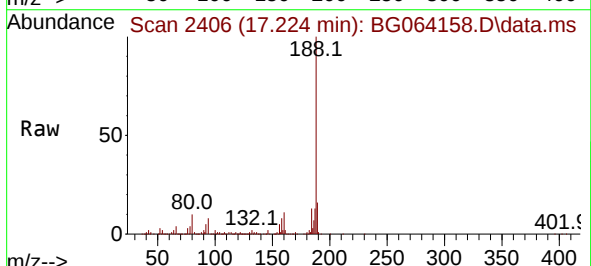
Supervised By :Jagrut

Upadhyay

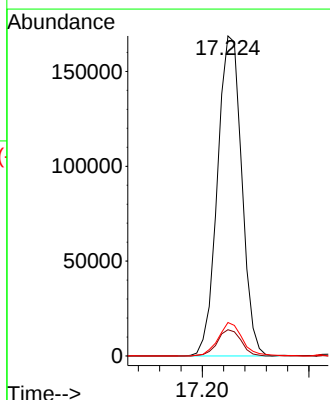
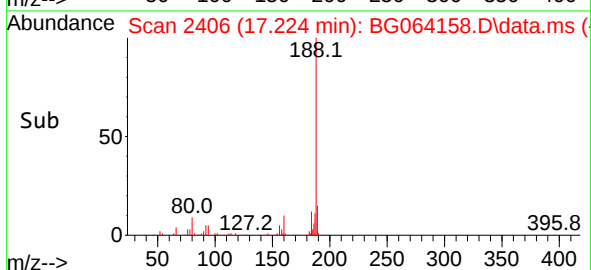
04/03/2025

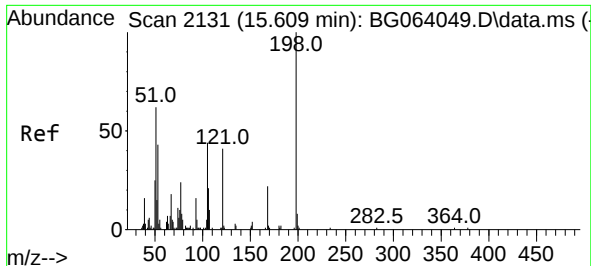


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24



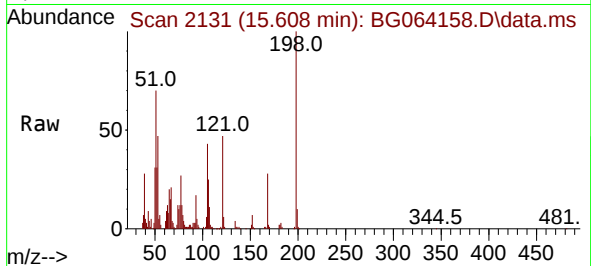
Tgt Ion:188 Resp: 266620
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 10.5 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 60.593 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.001 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

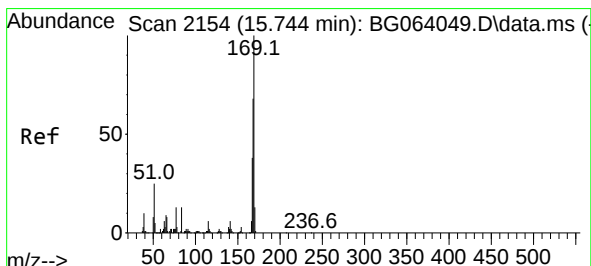
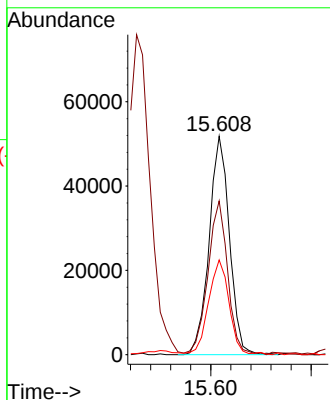
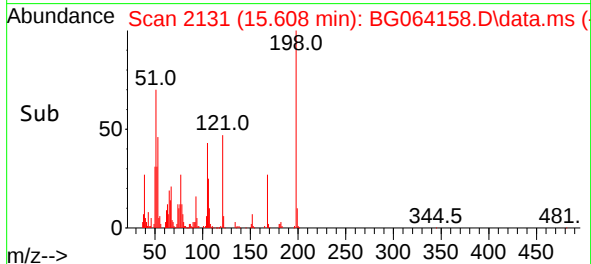


Tgt Ion:198 Resp: 7277
Ion Ratio Lower Upper
198 100
51 70.4 45.6 85.6
105 43.4 25.3 65.3

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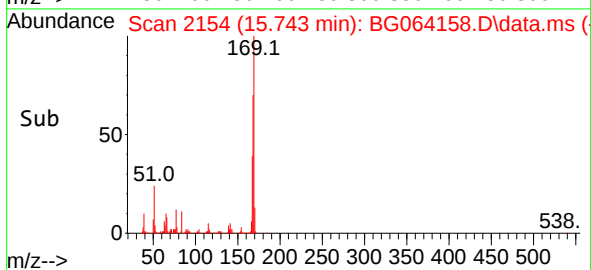
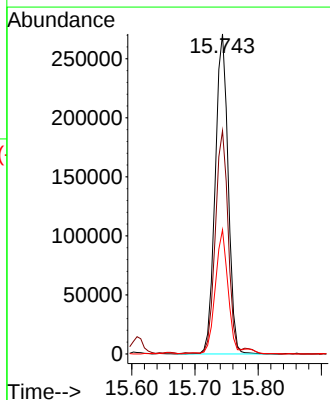
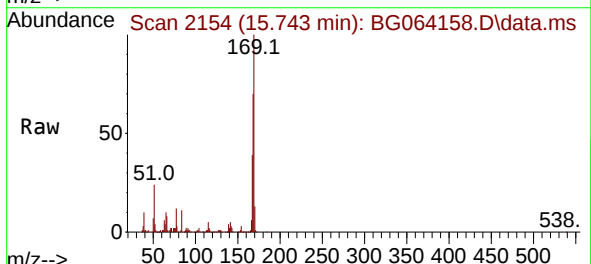
Reviewed By :Anahy
Claudio
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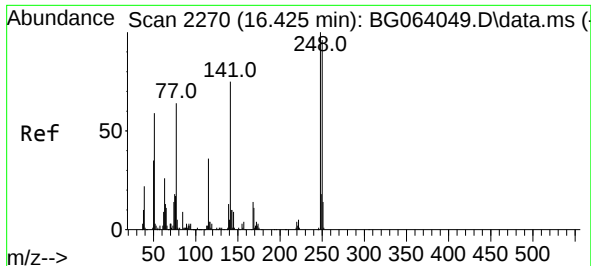
Supervised By :Jagrut
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04/03/2025



#66
n-Nitrosodiphenylamine
Concen: 51.187 ng
RT: 15.743 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion:169 Resp: 386309
Ion Ratio Lower Upper
169 100
168 69.8 54.1 81.1
167 38.8 30.3 45.5





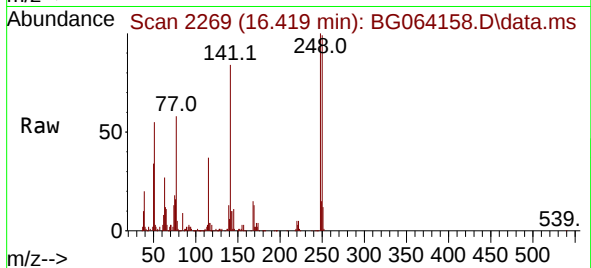
#67
4-Bromophenyl-phenylether
Concen: 53.059 ng
RT: 16.419 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion:248 Resp: 144880
Ion Ratio Lower Upper
248 100
250 98.6 77.1 115.7
141 84.2 59.8 89.8

Manual Integrations
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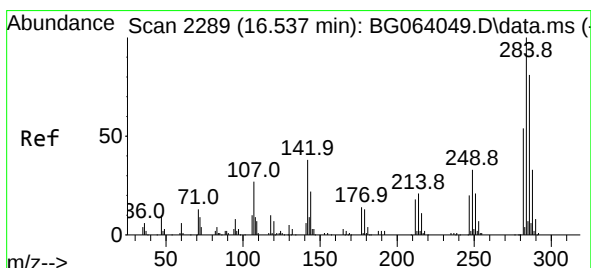
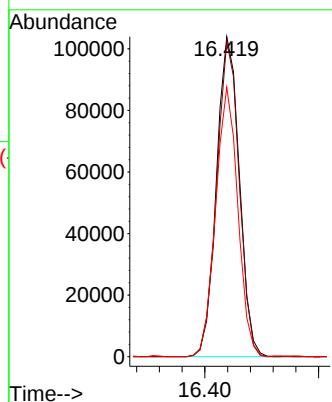
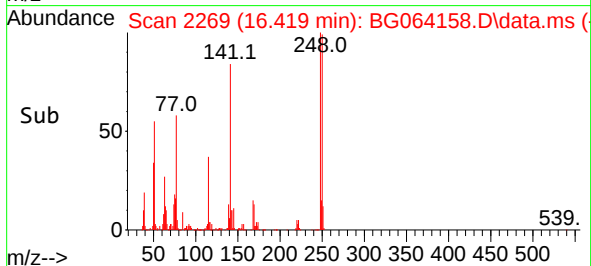
Claudio

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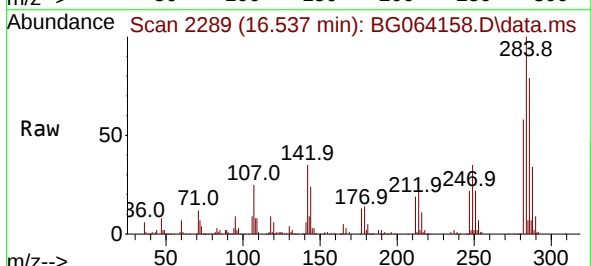
Supervised By :Jagrut

Upadhyay

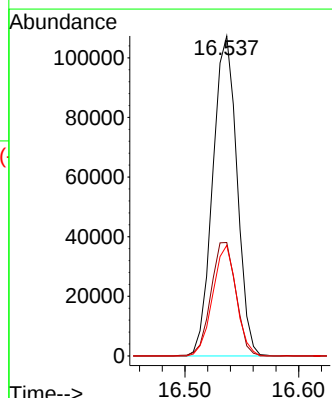
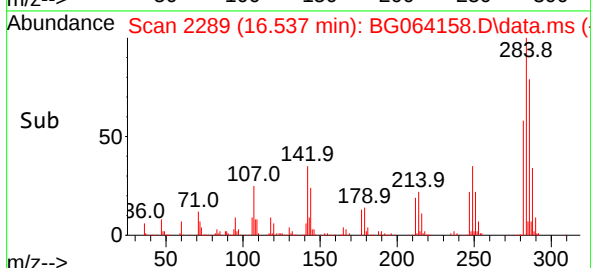
04/03/2025

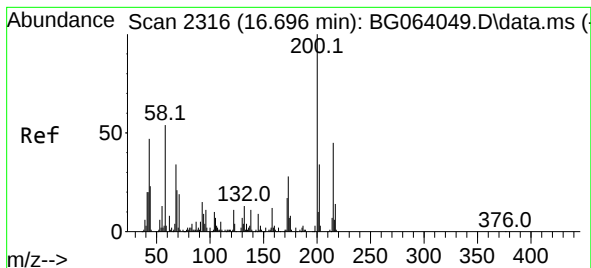


#68
Hexachlorobenzene
Concen: 51.911 ng
RT: 16.537 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24



Tgt Ion:284 Resp: 158698
Ion Ratio Lower Upper
284 100
142 35.5 30.6 45.8
249 34.6 26.6 39.8





#69

Atrazine

Concen: 68.208 ng

RT: 16.695 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064158.D

Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

Tgt Ion:200 Resp: 15145

Ion Ratio Lower Upper

200 100

173 25.6 8.2 48.2

215 44.2 25.5 65.5

Manual Integrations

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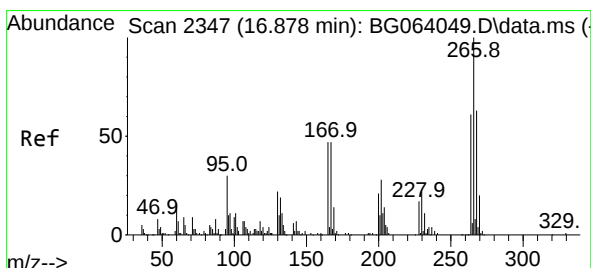
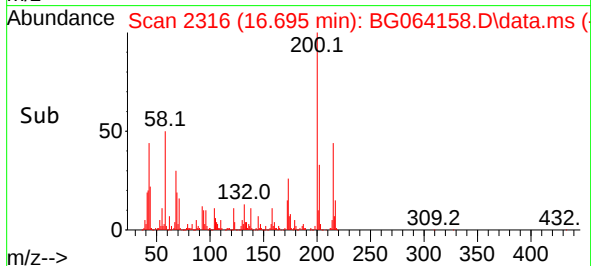
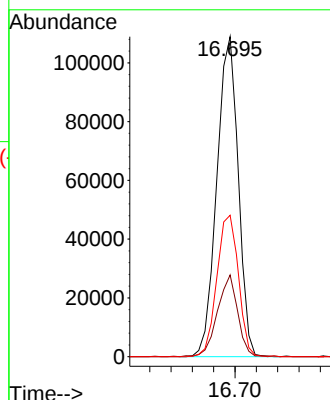
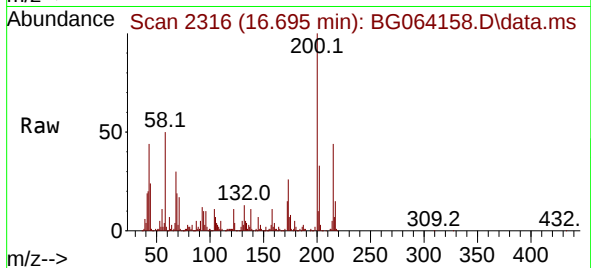
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#70

Pentachlorophenol

Concen: 116.658 ng

RT: 16.877 min Scan# 2347

Delta R.T. -0.001 min

Lab File: BG064158.D

Acq: 2 Apr 2025 18:24

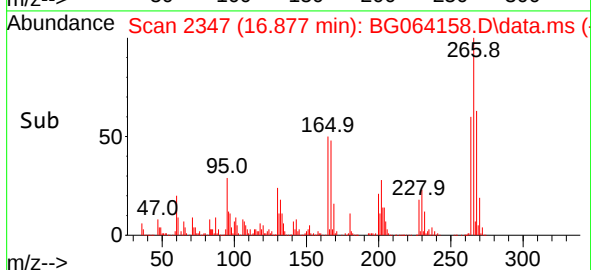
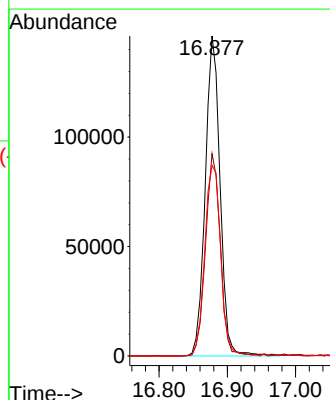
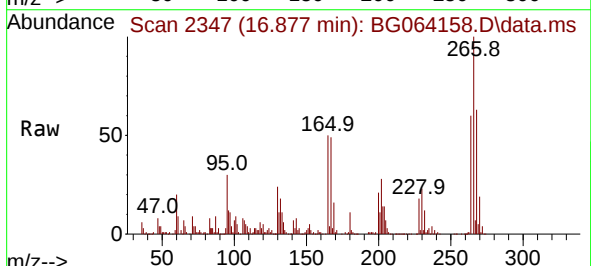
Tgt Ion:266 Resp: 221432

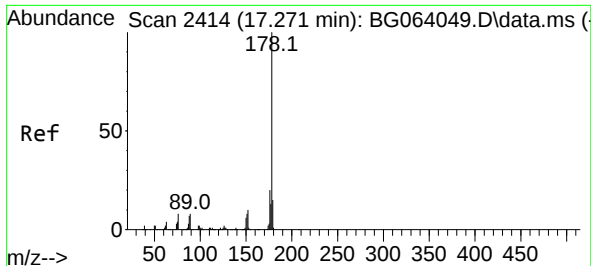
Ion Ratio Lower Upper

266 100

268 63.2 50.2 75.4

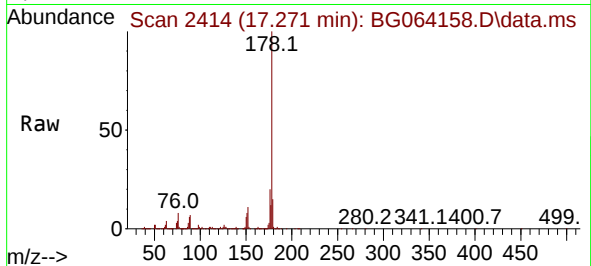
264 59.6 48.9 73.3





#71
Phenanthrene
Concen: 72.604 ng
RT: 17.271 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD



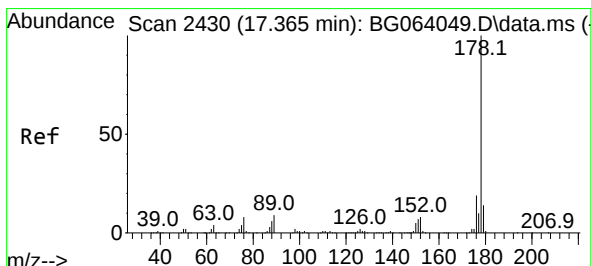
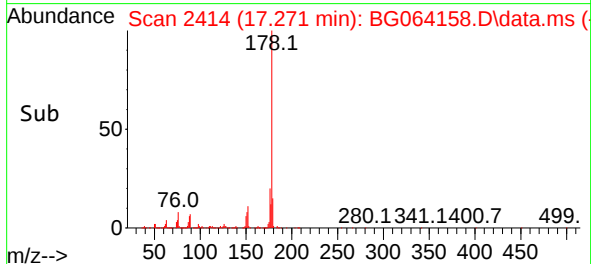
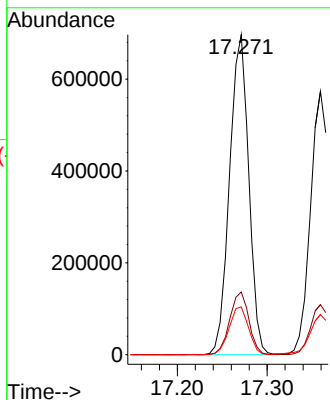
Tgt Ion:178 Resp: 103249

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.0	12.2	18.2

Manual Integrations
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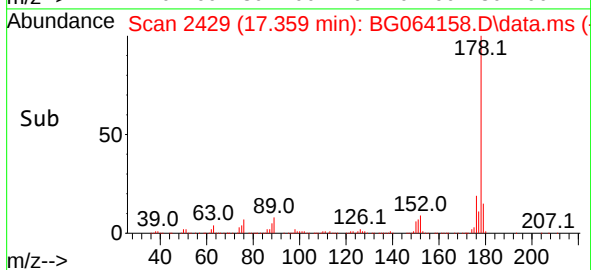
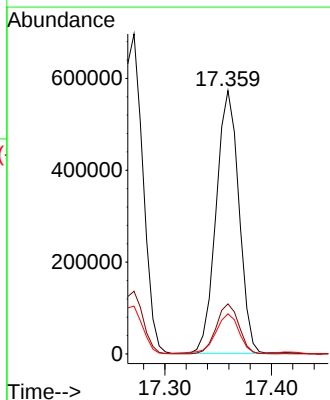
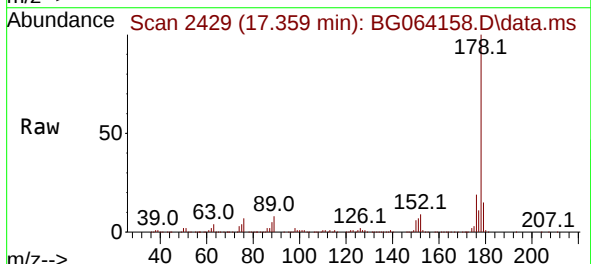
Supervised By :Jagrut
Upadhyay
04/03/2025

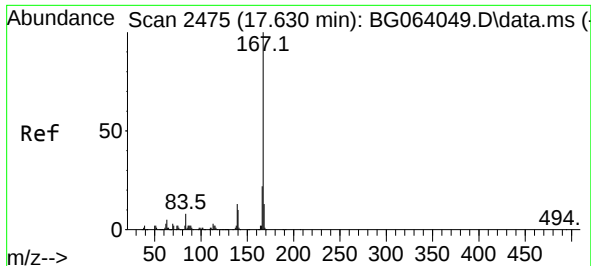


#72
Anthracene
Concen: 59.966 ng
RT: 17.359 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion:178 Resp: 847965

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.8	22.2
179	15.3	11.5	17.3





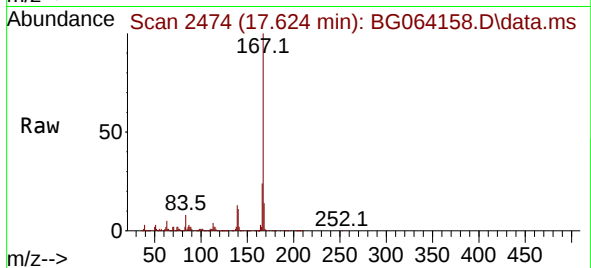
#73
 Carbazole
 Concen: 54.010 ng
 RT: 17.624 min Scan# 2475
 Delta R.T. -0.006 min
 Lab File: BG064158.D
 Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion:167 Resp: 71307
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.0 27.0
 139 13.2 10.6 15.8

Manual Integrations
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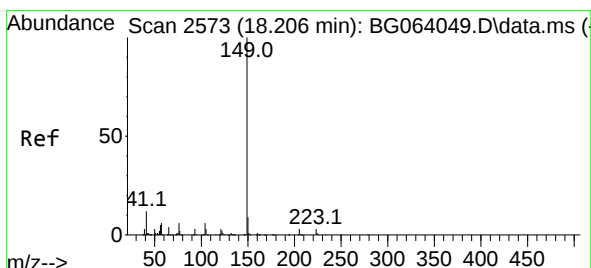
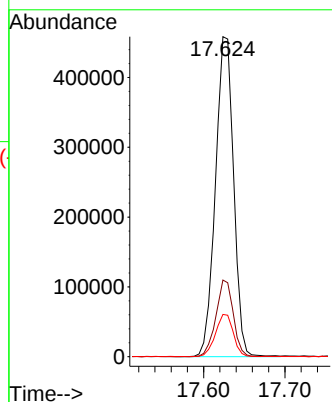
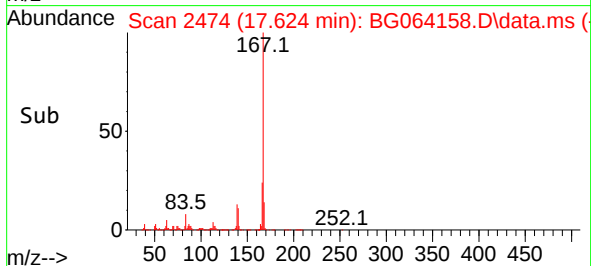
Claudio

04/03/2025

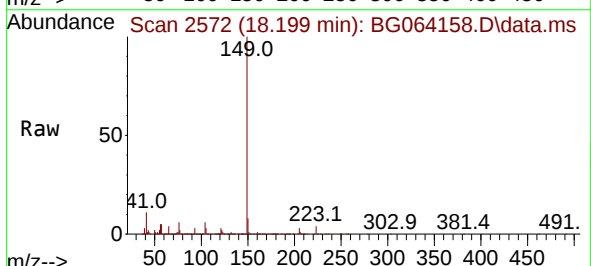
Supervised By :Jagrut

Upadhyay

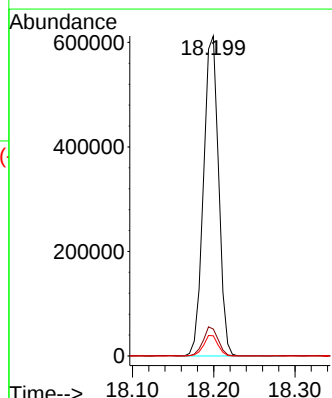
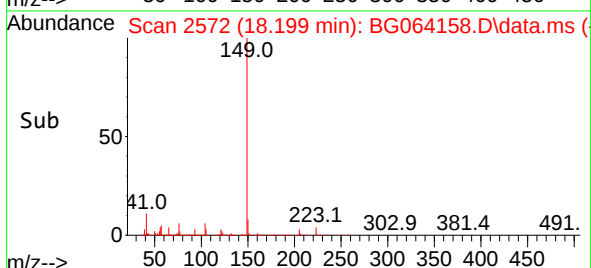
04/03/2025

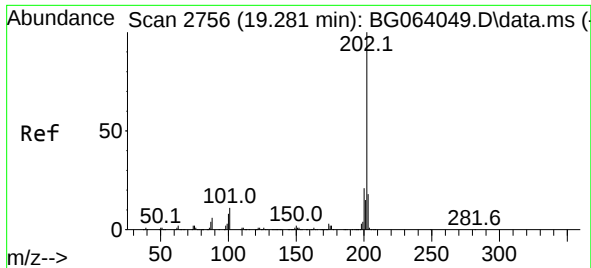


#74
 Di-n-butylphthalate
 Concen: 50.779 ng
 RT: 18.199 min Scan# 2572
 Delta R.T. -0.006 min
 Lab File: BG064158.D
 Acq: 2 Apr 2025 18:24



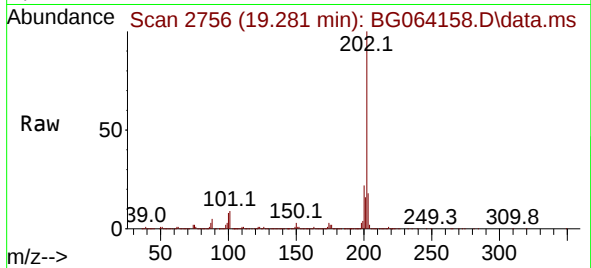
Tgt Ion:149 Resp: 789151
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.4 11.0
 104 6.3 5.0 7.6





#75
Fluoranthene
Concen: 73.994 ng
RT: 19.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

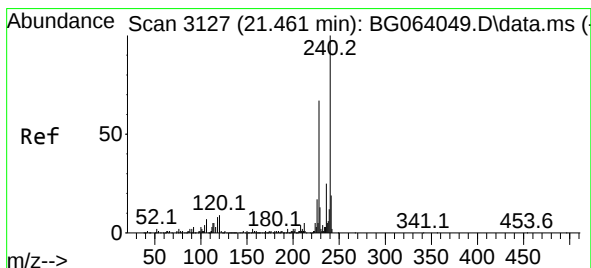
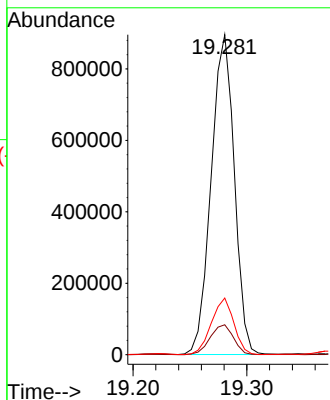
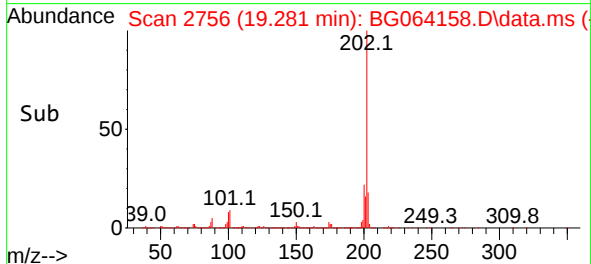


Tgt Ion:202 Resp: 126858
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.5
203 17.7 0.0 38.3

Manual Integrations
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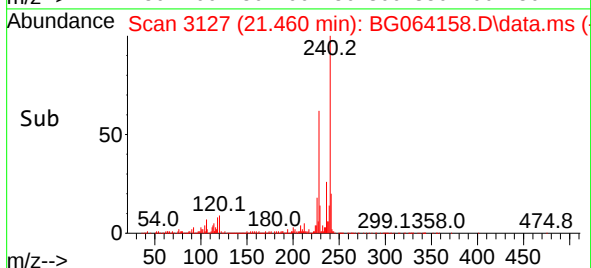
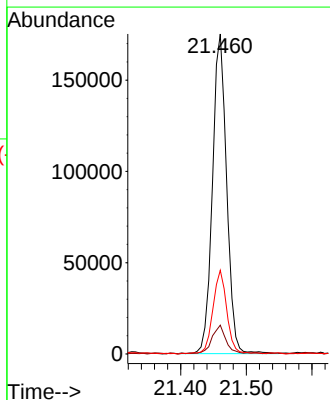
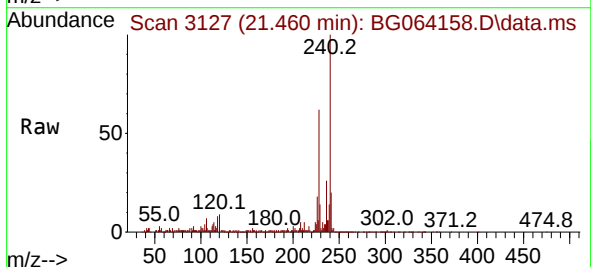
Reviewed By :Anahy
Claudio
04/03/2025

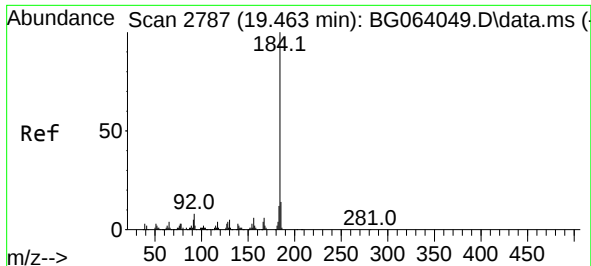
Supervised By :Jagrut
Upadhyay
04/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.460 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

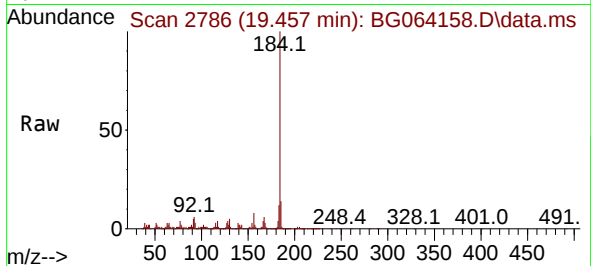
Tgt Ion:240 Resp: 262201
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 26.2 20.2 30.2





#77
Benzidine
Concen: 83.986 ng
RT: 19.457 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

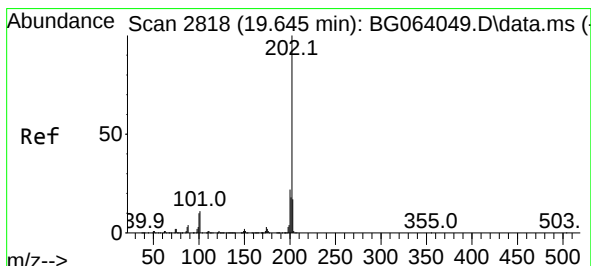
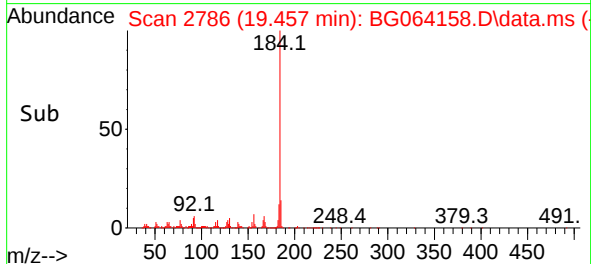
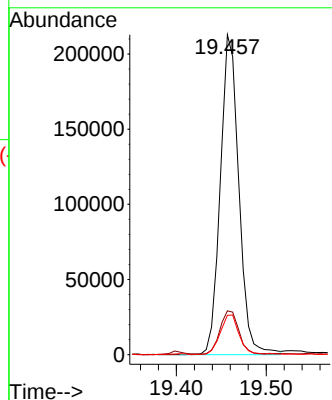


Tgt Ion:184 Resp: 304930
Ion Ratio Lower Upper
184 100
185 13.7 11.3 16.9
183 12.3 9.5 14.3

Manual Integrations
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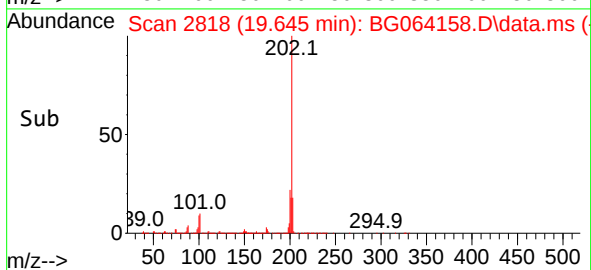
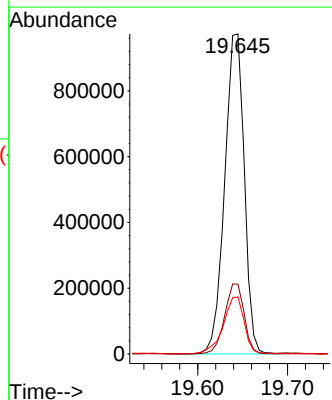
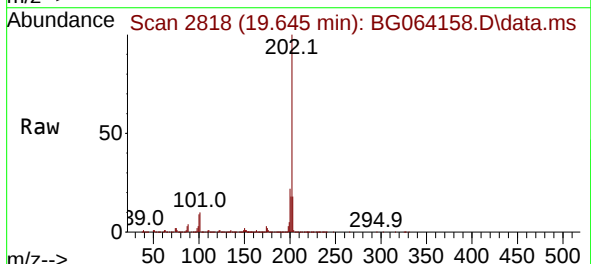
Reviewed By :Anahy
Claudio
04/03/2025

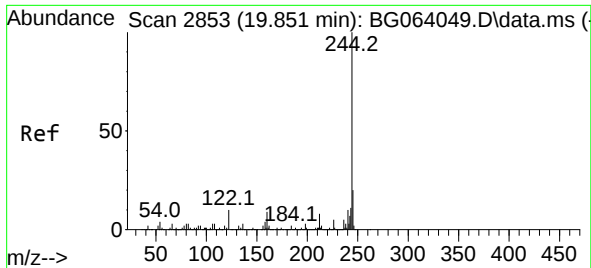
Supervised By :Jagrut
Upadhyay
04/03/2025



#78
Pyrene
Concen: 87.199 ng
RT: 19.645 min Scan# 2818
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion:202 Resp: 1473840
Ion Ratio Lower Upper
202 100
200 21.8 17.3 25.9
203 17.9 13.6 20.4





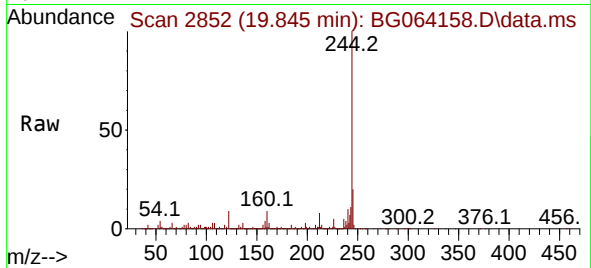
#79
 Terphenyl-d14
 Concen: 76.169 ng
 RT: 19.845 min Scan# 2853
 Delta R.T. -0.006 min
 Lab File: BG064158.D
 Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion:244 Resp: 987719
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.4
 122 8.9 8.0 12.0

Manual Integrations
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Reviewed By :Anahy

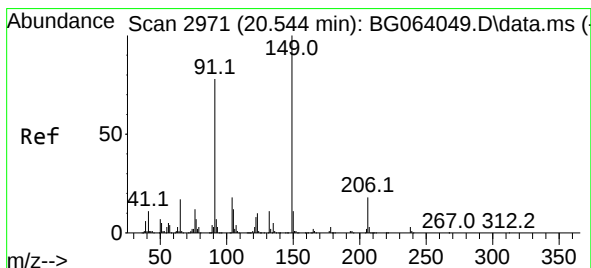
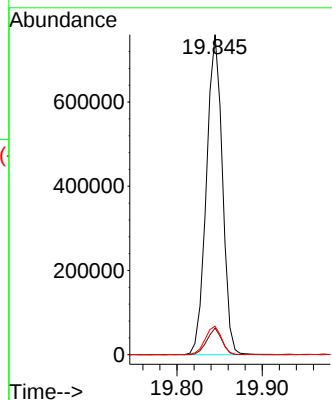
Claudio

04/03/2025

Supervised By :Jagrut

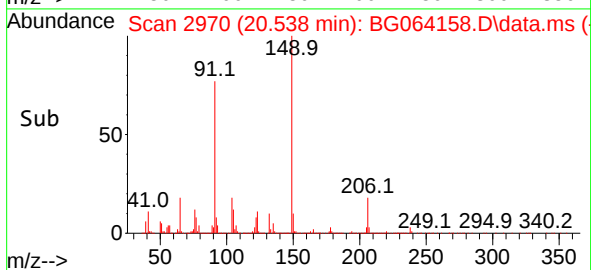
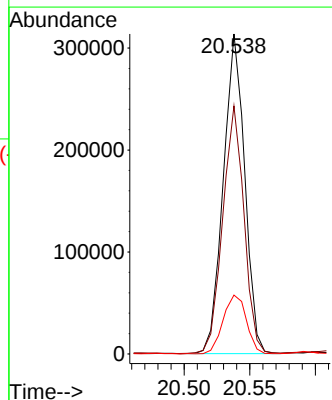
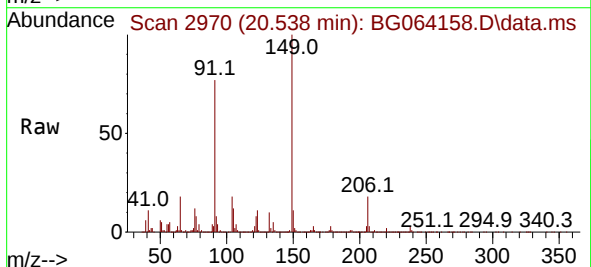
Upadhyay

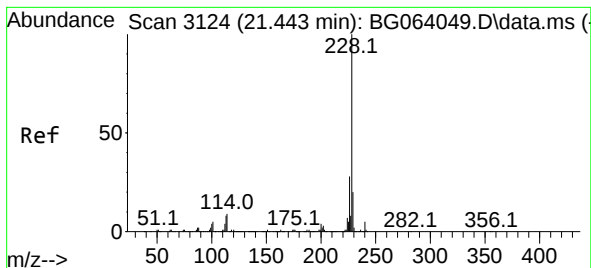
04/03/2025



#80
 Butylbenzylphthalate
 Concen: 55.264 ng
 RT: 20.538 min Scan# 2970
 Delta R.T. -0.006 min
 Lab File: BG064158.D
 Acq: 2 Apr 2025 18:24

Tgt Ion:149 Resp: 354283
 Ion Ratio Lower Upper
 149 100
 91 77.5 62.0 93.0
 206 18.4 14.6 21.8





#81

Benzo(a)anthracene

Concen: 62.813 ng

RT: 21.443 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BG064158.D

Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD

Tgt Ion:228 Resp: 1054999

Ion Ratio Lower Upper

228 100

226 29.5 22.2 33.2

229 20.2 16.4 24.6

Manual Integrations

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Reviewed By :Anahy

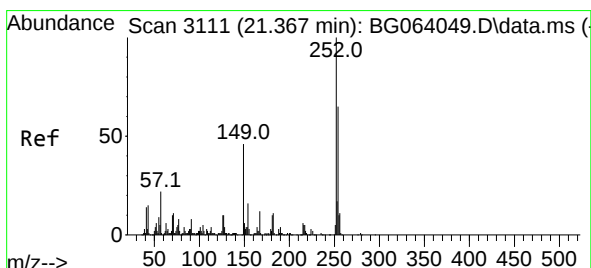
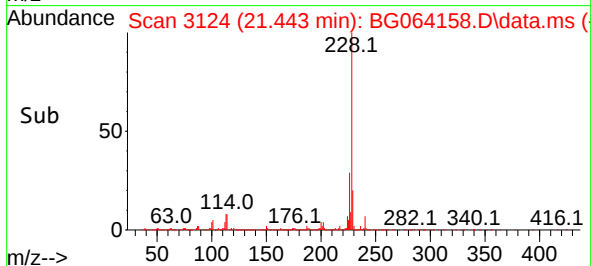
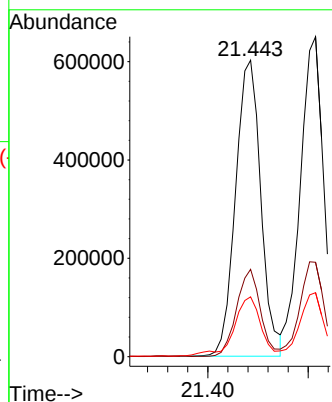
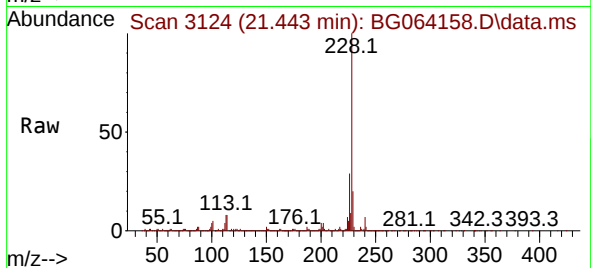
Claudio

04/03/2025

Supervised By :Jagrut

Upadhyay

04/03/2025



#82

3,3'-Dichlorobenzidine

Concen: 13.127 ng

RT: 21.360 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BG064158.D

Acq: 2 Apr 2025 18:24

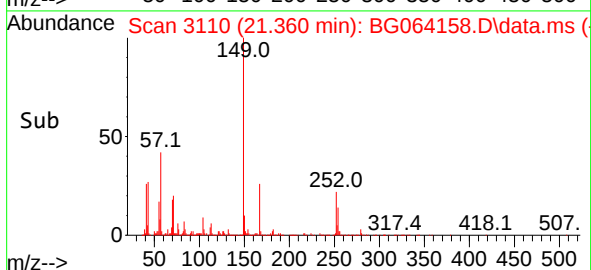
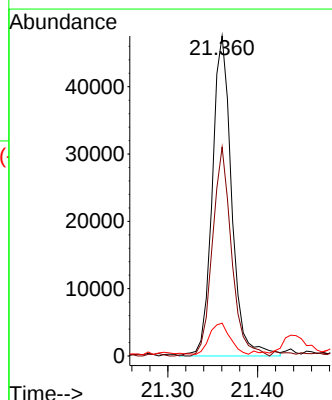
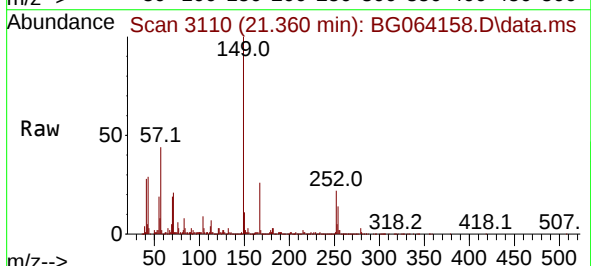
Tgt Ion:252 Resp: 71354

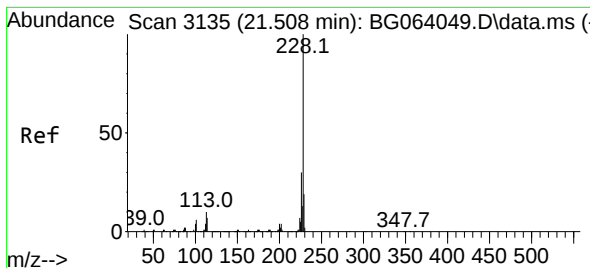
Ion Ratio Lower Upper

252 100

254 65.3 52.1 78.1

126 10.2 7.8 11.8





#83

Chrysene

Concen: 61.860 ng

RT: 21.507 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG064158.D

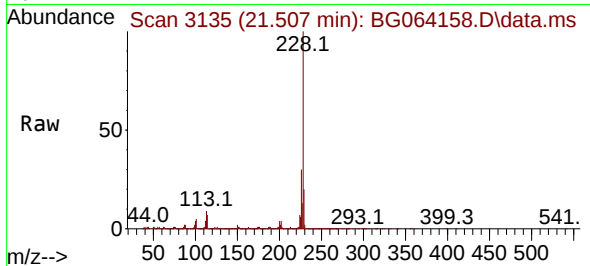
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion:228 Resp: 1036254

Ion Ratio Lower Upper

228 100

226 29.5 23.9 35.9

229 20.0 15.3 22.9

Manual Integrations

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Reviewed By :Anahy

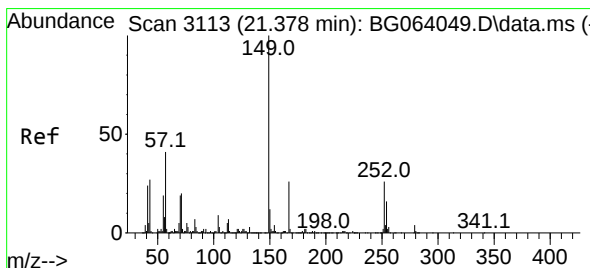
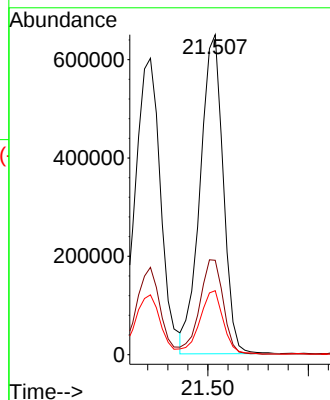
Claudio

04/03/2025

Supervised By :Jagrut

Upadhyay

04/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.236 ng

RT: 21.372 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BG064158.D

Acq: 2 Apr 2025 18:24

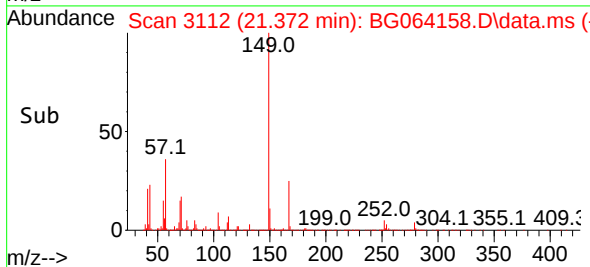
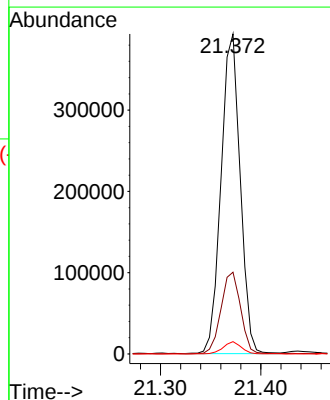
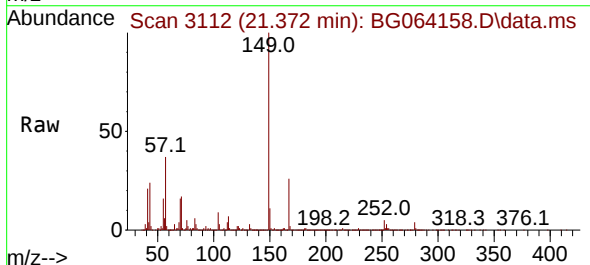
Tgt Ion:149 Resp: 519900

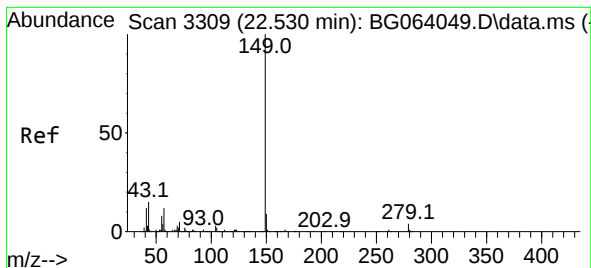
Ion Ratio Lower Upper

149 100

167 25.5 21.0 31.6

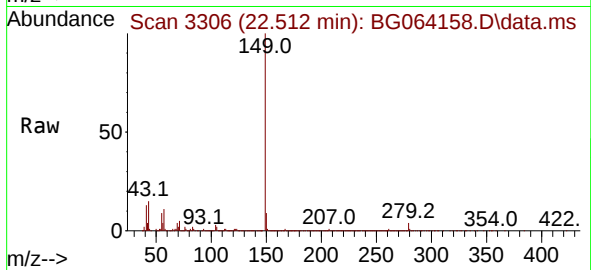
279 3.9 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 56.460 ng
RT: 22.512 min Scan# 3309
Delta R.T. -0.018 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :
BNA_G
ClientSampleId :
72-12016MSD

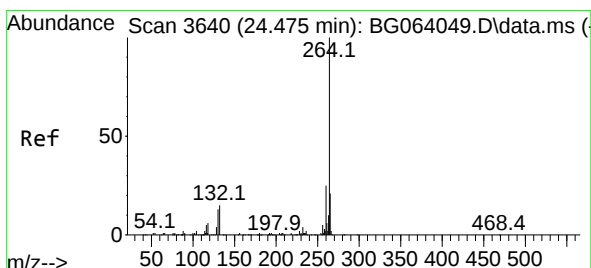
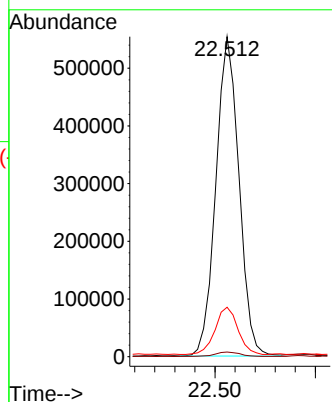
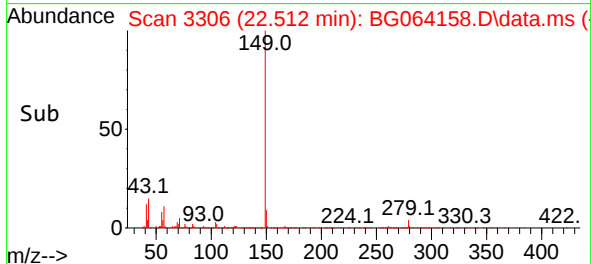


Tgt Ion:149 Resp: 884590
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 14.6 12.6 19.0

Manual Integrations
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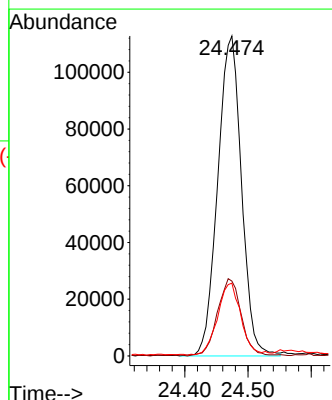
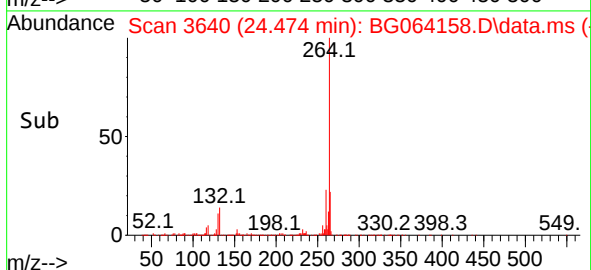
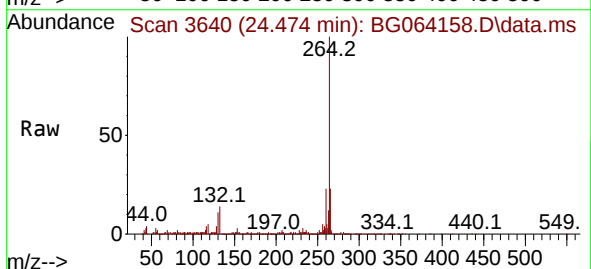
Reviewed By :Anahy
Claudio
04/03/2025

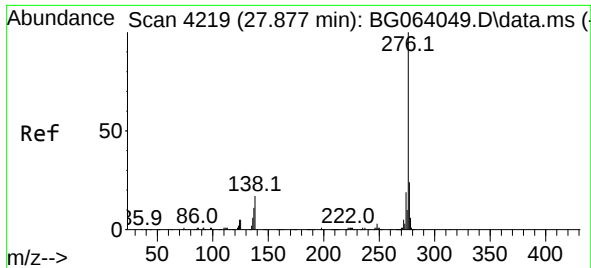
Supervised By :Jagrut
Upadhyay
04/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.474 min Scan# 3640
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion:264 Resp: 294319
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 22.7 16.6 25.0





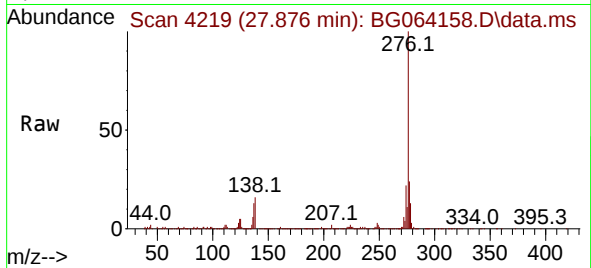
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.429 ng
 RT: 27.876 min Scan# 4219
 Delta R.T. -0.000 min
 Lab File: BG064158.D
 Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion:276 Resp: 1071830
 Ion Ratio Lower Upper
 276 100
 138 19.6 12.1 18.1
 277 25.1 20.0 30.0

Manual Integrations
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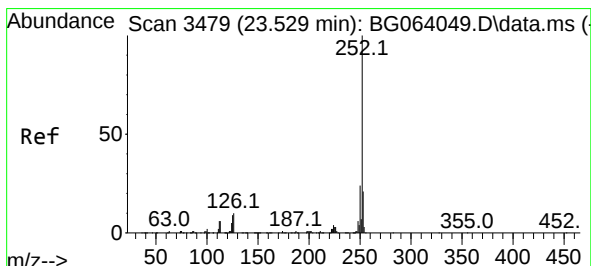
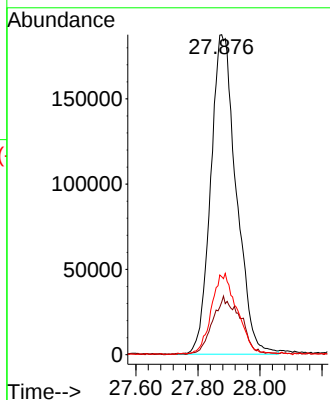
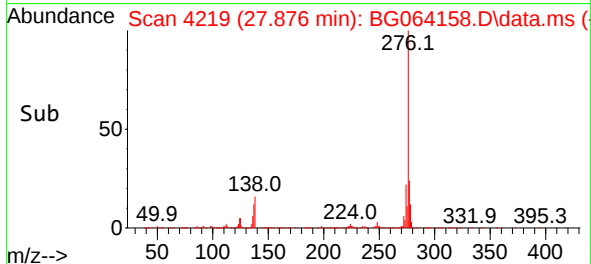
Claudio

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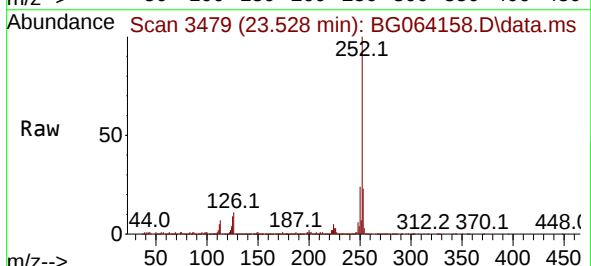
Supervised By :Jagrut

Upadhyay

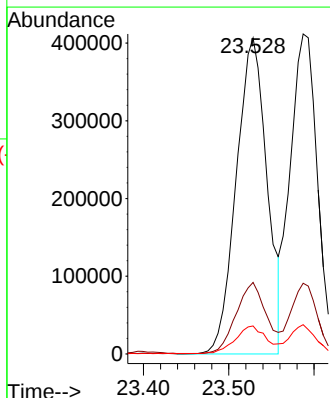
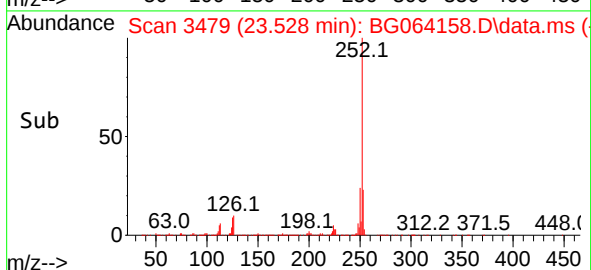
04/03/2025

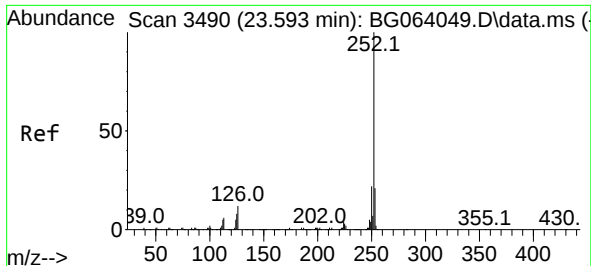


#88
 Benzo(b)fluoranthene
 Concen: 57.276 ng
 RT: 23.528 min Scan# 3479
 Delta R.T. -0.000 min
 Lab File: BG064158.D
 Acq: 2 Apr 2025 18:24



Tgt Ion:252 Resp: 1019083
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.0 25.4
 125 8.9 7.4 11.2





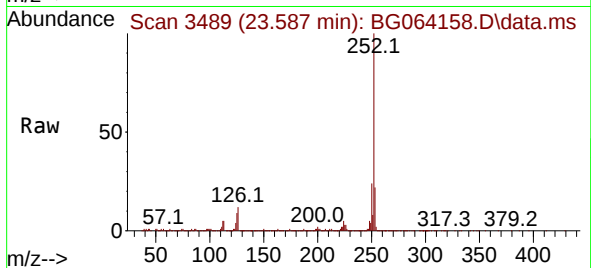
#89
Benzo(k)fluoranthene
Concen: 51.470 ng
RT: 23.587 min Scan# 3490
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion:252 Resp: 918728
Ion Ratio Lower Upper
252 100
253 22.1 16.8 25.2
125 9.2 6.9 10.3

Manual Integrations
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Reviewed By :Anahy

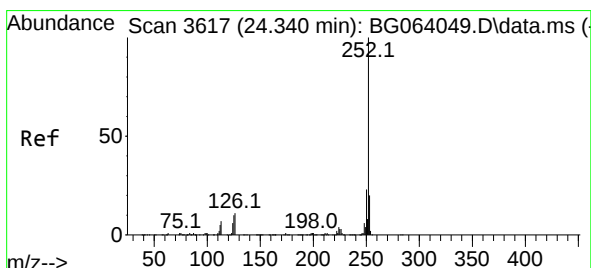
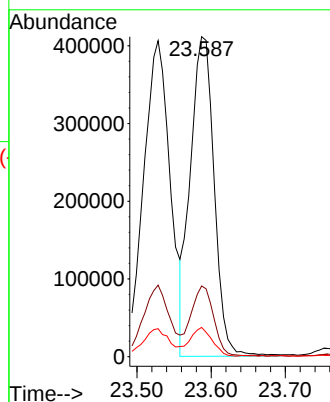
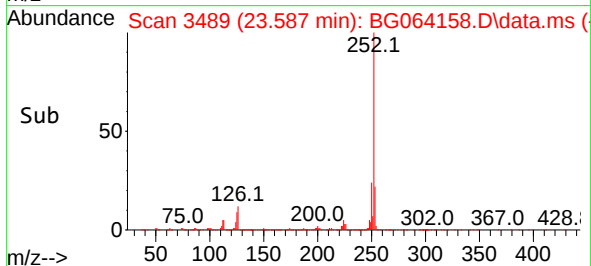
Claudio

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Supervised By :Jagrut

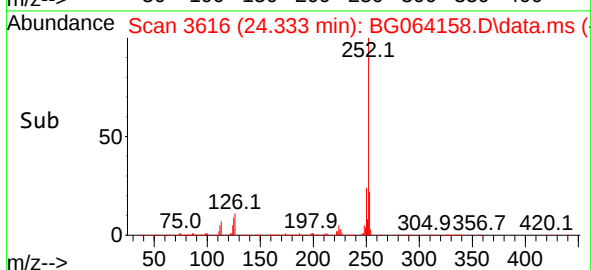
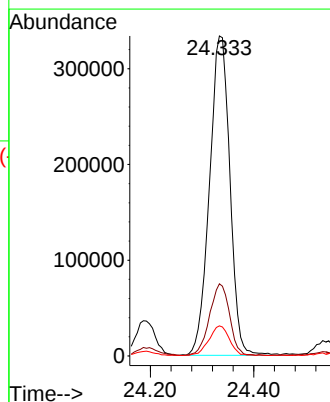
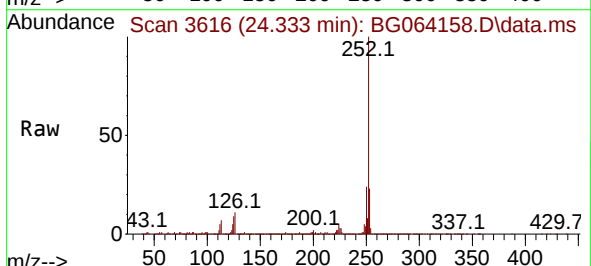
Upadhyay

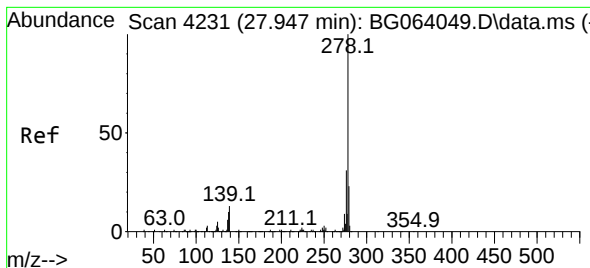
04/03/2025



#90
Benzo(a)pyrene
Concen: 57.563 ng
RT: 24.333 min Scan# 3616
Delta R.T. -0.006 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion:252 Resp: 912146
Ion Ratio Lower Upper
252 100
253 22.5 16.2 24.2
125 9.4 7.8 11.6





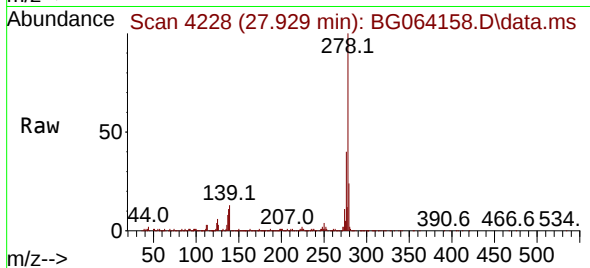
#91
Dibenzo(a,h)anthracene
Concen: 51.868 ng
RT: 27.929 min Scan# 41
Delta R.T. -0.018 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Instrument :

BNA_G

ClientSampleId :

72-12016MSD



Tgt Ion:278 Resp: 846768
Ion Ratio Lower Upper
278 100
139 12.6 10.2 15.2
279 24.3 18.1 27.1

Manual Integrations
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Reviewed By :Anahy

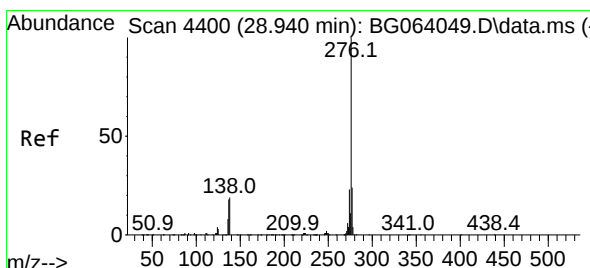
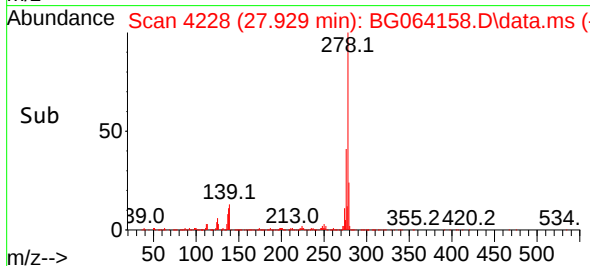
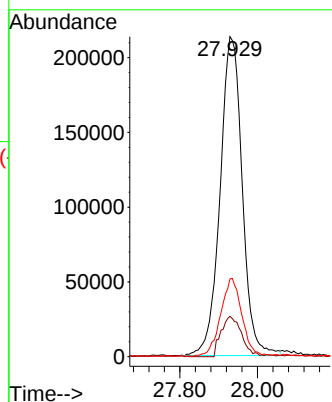
Claudio

04/03/2025

Supervised By :Jagrut

Upadhyay

04/03/2025



#92
Benzo(g,h,i)perylene
Concen: 51.196 ng
RT: 28.940 min Scan# 4400
Delta R.T. -0.000 min
Lab File: BG064158.D
Acq: 2 Apr 2025 18:24

Tgt Ion:276 Resp: 858130
Ion Ratio Lower Upper
276 100
277 24.0 19.5 29.3
138 17.7 15.4 23.0

