

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
 Data File : BG064066.D
 Acq On : 7 Mar 2025 19:42
 Operator : RC/JU
 Sample : Q1514-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-105-SB02MS

Quant Time: Mar 07 22:57:01 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

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/10/2025
 Supervised By :Jagrut Upadhyay 03/10/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	33566	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	156638	20.000	ng	0.00
39) Acenaphthene-d10	14.488	164	110984	20.000	ng	0.00
64) Phenanthrene-d10	17.232	188	250922	20.000	ng	0.00
76) Chrysene-d12	21.462	240	258735	20.000	ng	0.00
86) Perylene-d12	24.477	264	281256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	206469	96.047	ng	0.00
7) Phenol-d6	7.032	99	276848	94.669	ng	0.00
23) Nitrobenzene-d5	9.012	82	173112	61.074	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	122716	99.473	ng	0.00
45) 2-Fluorobiphenyl	13.113	172	415113	56.773	ng	0.00
79) Terphenyl-d14	19.853	244	706569	55.218	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.366	88	40768	41.846	ng	93
3) Pyridine	3.754	79	98855	41.722	ng	97
4) n-Nitrosodimethylamine	3.672	42	81254	47.999	ng	95
6) Aniline	7.191	93	72249	25.177	ng	98
8) 2-Chlorophenol	7.432	128	102595	44.437	ng	98
9) Benzaldehyde	7.003	77	34444	20.252	ng	91
10) Phenol	7.056	94	144263	48.182	ng	99
11) bis(2-Chloroethyl)ether	7.291	93	93270	39.734	ng	98
12) 1,3-Dichlorobenzene	7.755	146	102943	40.603	ng	97
13) 1,4-Dichlorobenzene	7.902	146	103840	39.958	ng	99
14) 1,2-Dichlorobenzene	8.213	146	102804	41.025	ng	98
15) Benzyl Alcohol	8.096	79	107085	47.386	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.390	45	226458	42.905	ng	99
17) 2-Methylphenol	8.301	107	94963	47.788	ng	98
18) Hexachloroethane	8.942	117	40682	44.744	ng	98
19) n-Nitroso-di-n-propyla...	8.666	70	86490	42.142	ng	99
20) 3+4-Methylphenols	8.625	107	129042	47.169	ng	96
22) Acetophenone	8.677	105	188992	44.006	ng	97
24) Nitrobenzene	9.053	77	124896	42.637	ng	99
25) Isophorone	9.582	82	243737	42.962	ng	96
26) 2-Nitrophenol	9.764	139	45272	45.328	ng	# 94
27) 2,4-Dimethylphenol	9.829	122	99924	58.752	ng	94
28) bis(2-Chloroethoxy)met...	10.064	93	142280	41.365	ng	94
29) 2,4-Dichlorophenol	10.299	162	99803	46.472	ng	97
30) 1,2,4-Trichlorobenzene	10.516	180	103202	39.808	ng	98
31) Naphthalene	10.704	128	339336	40.175	ng	98
32) Benzoic acid	9.982	122	68153m	44.427	ng	
33) 4-Chloroaniline	10.804	127	32553	10.545	ng	96
34) Hexachlorobutadiene	10.992	225	69808	41.081	ng	94
35) Caprolactam	11.568	113	40944m	49.751	ng	
36) 4-Chloro-3-methylphenol	11.932	107	127938	45.447	ng	99
37) 2-Methylnaphthalene	12.308	142	237269	39.792	ng	98
38) 1-Methylnaphthalene	12.532	142	238794	40.877	ng	97
40) 1,2,4,5-Tetrachloroben...	12.679	216	140623	44.381	ng	97
41) Hexachlorocyclopentadiene	12.667	237	150670	168.953	ng	98
43) 2,4,6-Trichlorophenol	12.920	196	88001	47.124	ng	94

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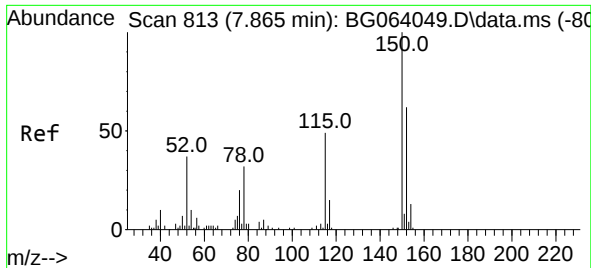
Manual Integrations
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
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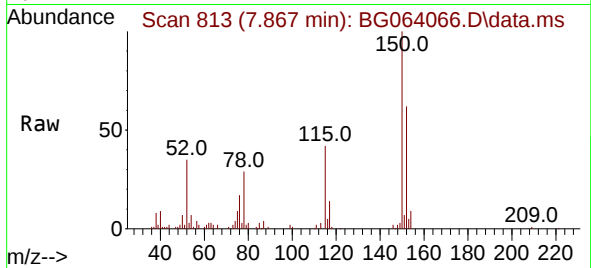
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	96973	46.735	ng	98
46) 1,1'-Biphenyl	13.325	154	378352	45.123	ng	98
47) 2-Chloronaphthalene	13.360	162	254994	41.697	ng	98
48) 2-Nitroaniline	13.560	65	87730	44.009	ng	97
49) Acenaphthylene	14.212	152	423207	43.752	ng	99
50) Dimethylphthalate	13.954	163	339425	41.431	ng	98
51) 2,6-Dinitrotoluene	14.059	165	69089	42.018	ng	# 88
52) Acenaphthene	14.553	154	266856	41.108	ng	99
53) 3-Nitroaniline	14.388	138	30201	19.074	ng	92
54) 2,4-Dinitrophenol	14.594	184	65137	92.618	ng	# 83
55) Dibenzofuran	14.888	168	419223	39.864	ng	100
56) 4-Nitrophenol	14.700	139	135237	101.839	ng	93
57) 2,4-Dinitrotoluene	14.847	165	102071	44.773	ng	# 92
58) Fluorene	15.534	166	344428	42.051	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.111	232	93019	45.984	ng	97
60) Diethylphthalate	15.317	149	365567	41.103	ng	99
61) 4-Chlorophenyl-phenyle...	15.534	204	168550	41.410	ng	93
62) 4-Nitroaniline	15.552	138	74889	43.808	ng	93
63) Azobenzene	15.822	77	412893	43.506	ng	98
65) 4,6-Dinitro-2-methylph...	15.610	198	50174	46.578	ng	90
66) n-Nitrosodiphenylamine	15.746	169	304696	42.899	ng	97
67) 4-Bromophenyl-phenylether	16.427	248	111198	43.269	ng	97
68) Hexachlorobenzene	16.539	284	120255	41.797	ng	97
69) Atrazine	16.697	200	134559	64.388	ng	97
70) Pentachlorophenol	16.880	266	165854	92.844	ng	98
71) Phenanthrene	17.273	178	572145	42.750	ng	99
72) Anthracene	17.361	178	584769	43.941	ng	99
73) Carbazole	17.632	167	523997	42.172	ng	99
74) Di-n-butylphthalate	18.202	149	646327	44.191	ng	100
75) Fluoranthene	19.283	202	675973	41.895	ng	99
77) Benzidine	19.465	184	256098	71.481	ng	99
78) Pyrene	19.641	202	709058	42.513	ng	99
80) Butylbenzylphthalate	20.546	149	284887	45.708	ng	99
81) Benzo(a)anthracene	21.445	228	714459	43.108	ng	98
82) 3,3'-Dichlorobenzidine	21.368	252	106430	19.842	ng	97
83) Chrysene	21.509	228	681295	41.215	ng	99
84) Bis(2-ethylhexyl)phtha...	21.380	149	433115	48.320	ng	99
85) Di-n-octyl phthalate	22.532	149	735976	47.604	ng	100
87) Indeno(1,2,3-cd)pyrene	27.884	276	838700	44.568	ng	99
88) Benzo(b)fluoranthene	23.531	252	709715	41.741	ng	98
89) Benzo(k)fluoranthene	23.595	252	694033	40.688	ng	99
90) Benzo(a)pyrene	24.341	252	672829	44.433	ng	97
91) Dibenzo(a,h)anthracene	27.949	278	689445	44.192	ng	99
92) Benzo(g,h,i)perylene	28.948	276	652760	40.752	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.867 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

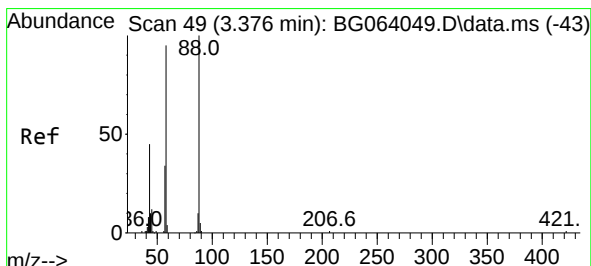
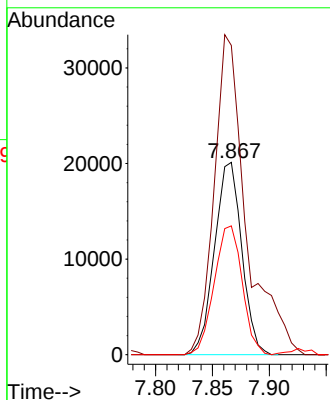
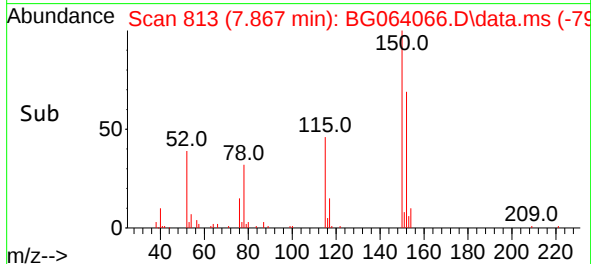
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



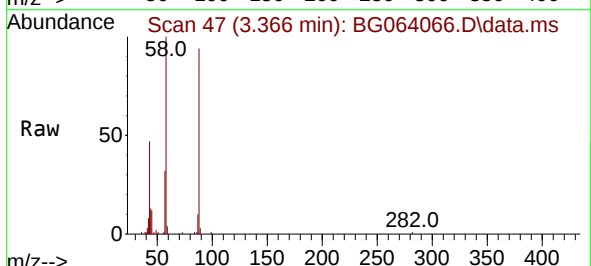
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Ion Ratio Lower Upper
152 100
150 160.8 129.2 193.8
115 67.0 63.0 94.6

Manual Integrations
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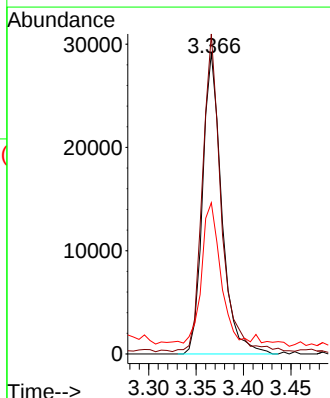
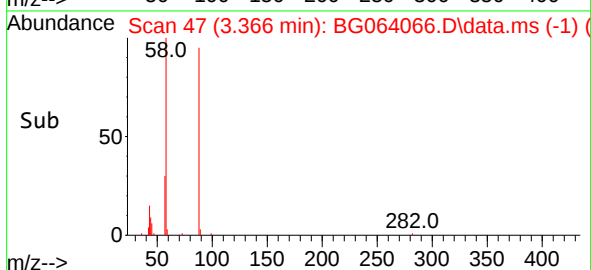
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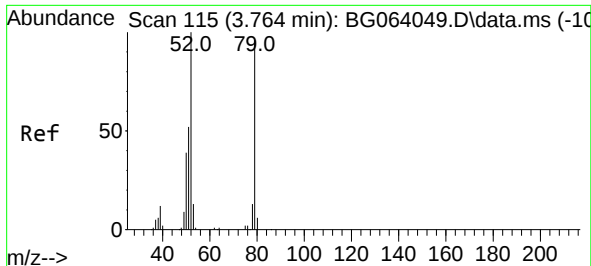


#2
1,4-Dioxane
Concen: 41.846 ng
RT: 3.366 min Scan# 47
Delta R.T. -0.010 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42



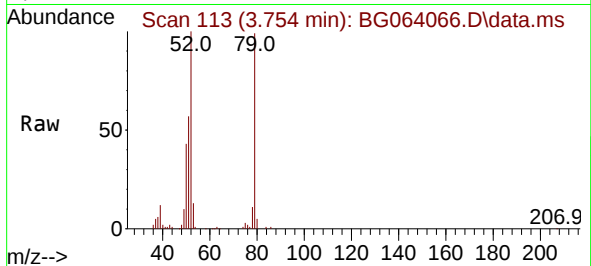
Tgt Ion: 88 Resp: 40768
Ion Ratio Lower Upper
88 100
58 102.7 74.6 111.8
43 45.5 35.5 53.3





#3
Pyridine
Concen: 41.722 ng
RT: 3.754 min Scan# 115
Delta R.T. -0.010 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

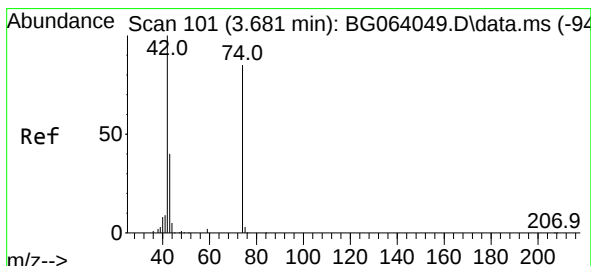
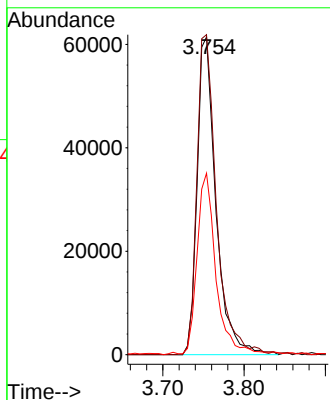
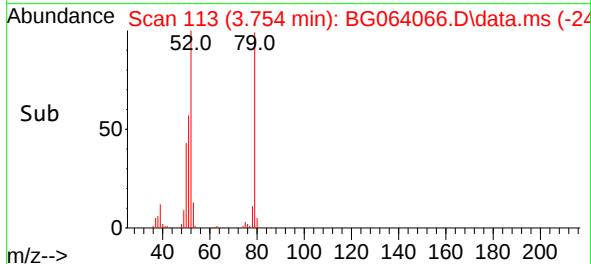
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



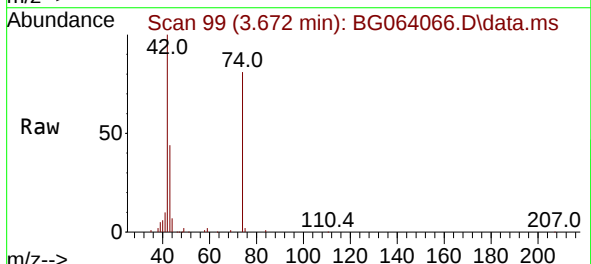
Tgt Ion: 79 Resp: 9885
Ion Ratio Lower Upper
79 100
52 100.7 83.0 124.6
51 57.1 44.3 66.5

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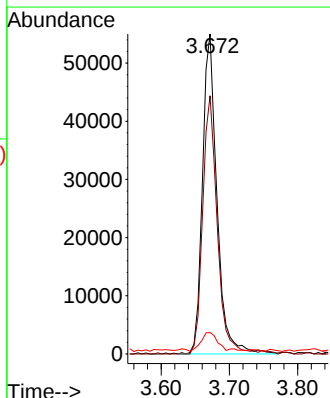
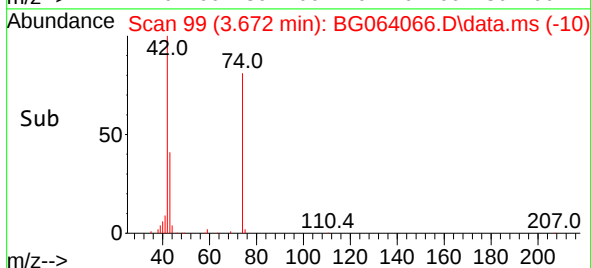
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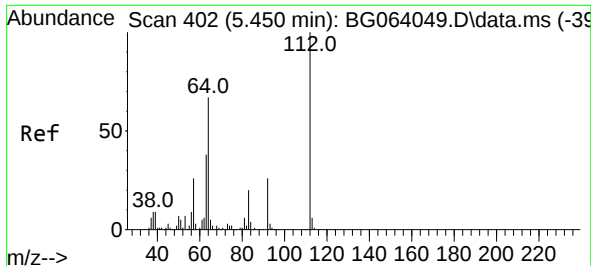


#4
n-Nitrosodimethylamine
Concen: 47.999 ng
RT: 3.672 min Scan# 99
Delta R.T. -0.010 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42



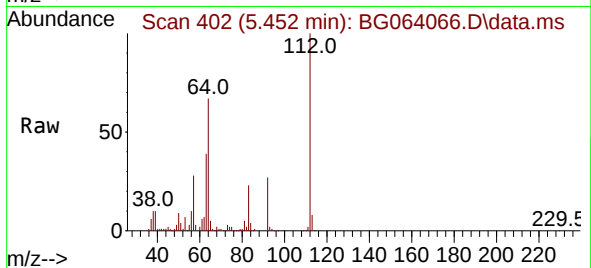
Tgt Ion: 42 Resp: 81254
Ion Ratio Lower Upper
42 100
74 80.7 68.0 102.0
44 6.7 4.9 7.3





#5
2-Fluorophenol
Concen: 96.047 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

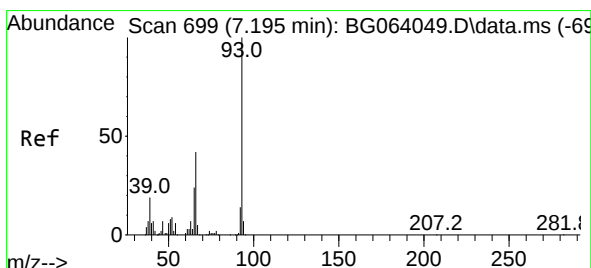
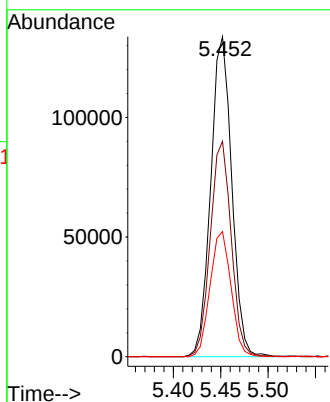
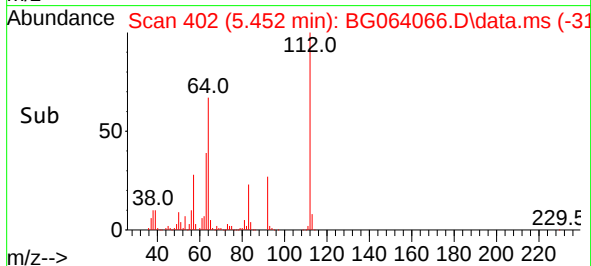
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ClientSampleId :
ENV-105-SB02MS



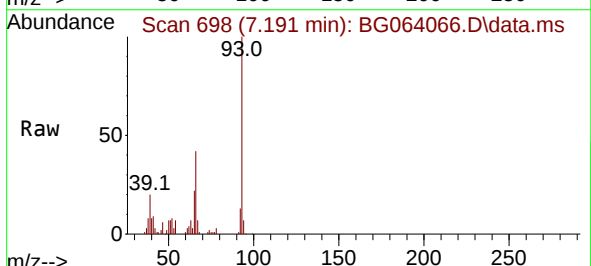
Tgt Ion: 112 Resp: 206469
Ion Ratio Lower Upper
112 100
64 67.3 53.7 80.5
63 39.1 30.2 45.4

Manual Integrations
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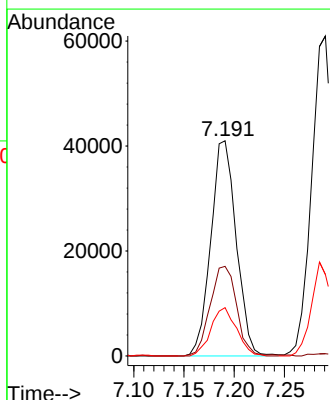
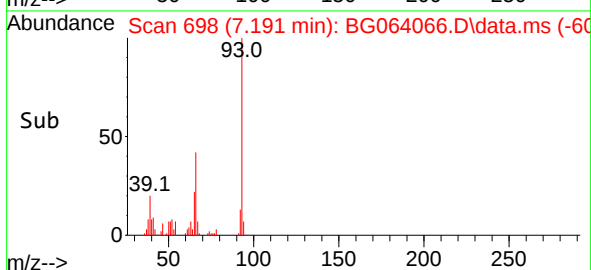
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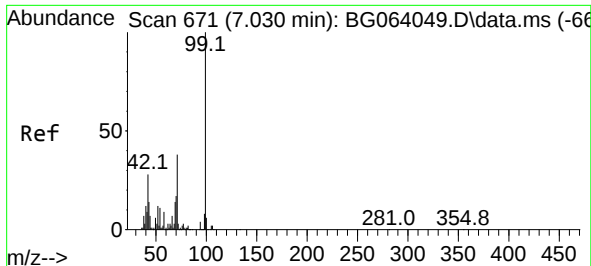


#6
Aniline
Concen: 25.177 ng
RT: 7.191 min Scan# 698
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42



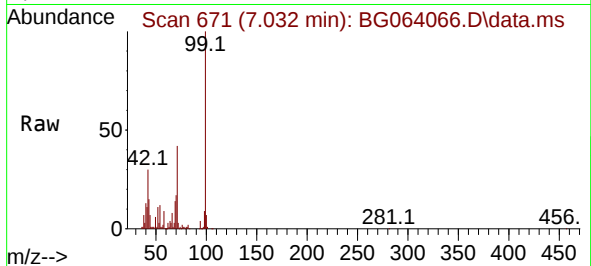
Tgt Ion: 93 Resp: 72249
Ion Ratio Lower Upper
93 100
66 41.6 33.7 50.5
65 22.4 19.1 28.7





#7
Phenol-d6
Concen: 94.669 ng
RT: 7.032 min Scan# 671
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

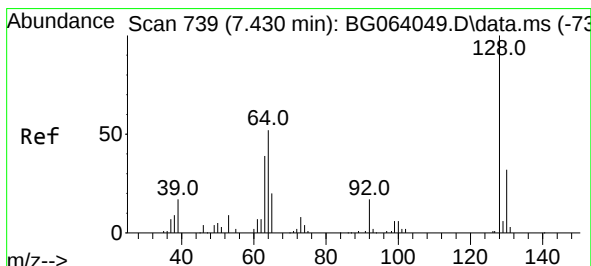
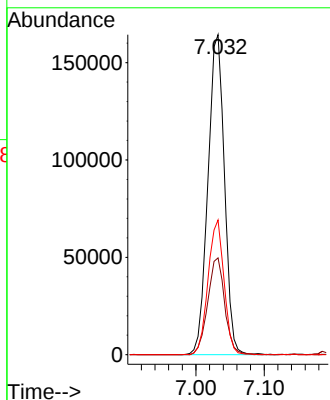
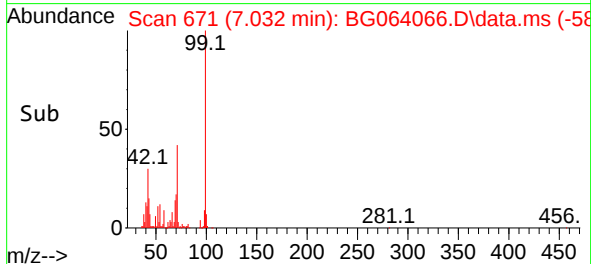
Instrument :
BNA_G
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Tgt Ion: 99 Resp: 27684
Ion Ratio Lower Upper
99 100
42 30.3 22.7 34.1
71 42.1 30.6 46.0

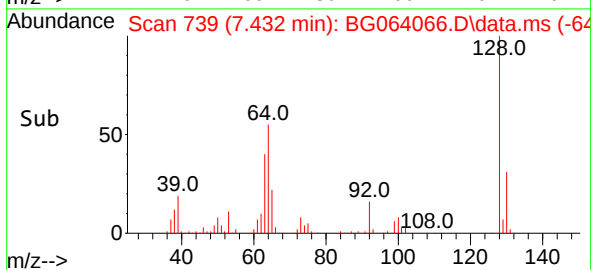
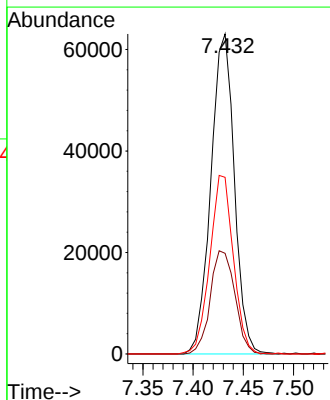
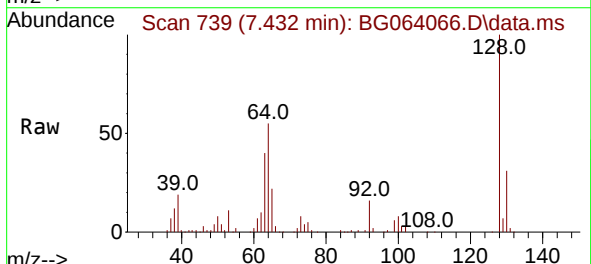
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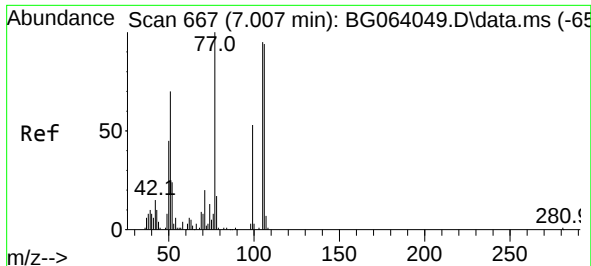
Reviewed By :Anahy Claudio 03/10/2025
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#8
2-Chlorophenol
Concen: 44.437 ng
RT: 7.432 min Scan# 739
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

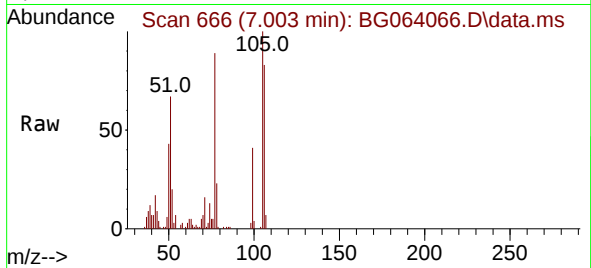
Tgt Ion:128 Resp: 102595
Ion Ratio Lower Upper
128 100
130 31.5 12.3 52.3
64 55.2 37.0 77.0





#9
Benzaldehyde
Concen: 20.252 ng
RT: 7.003 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

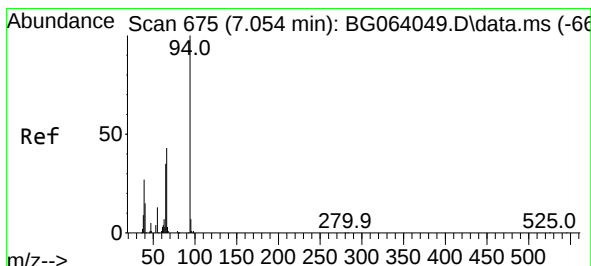
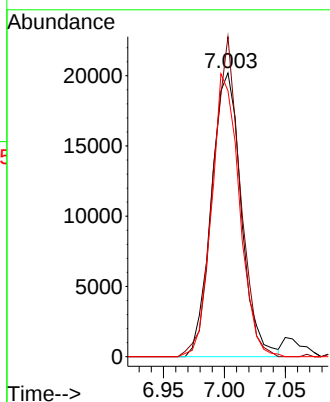
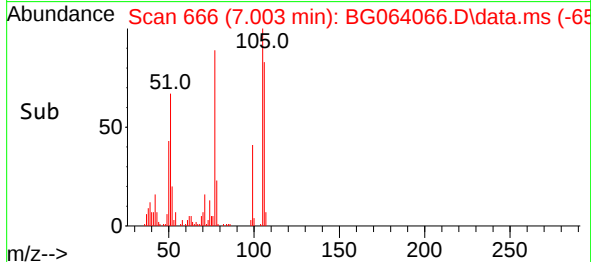
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Tgt Ion: 77 Resp: 3444
Ion Ratio Lower Upper
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105 112.8 75.5 115.5
106 93.7 74.2 114.2

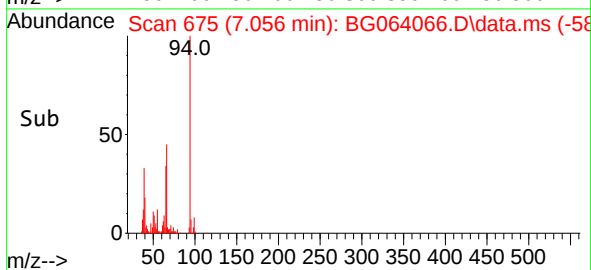
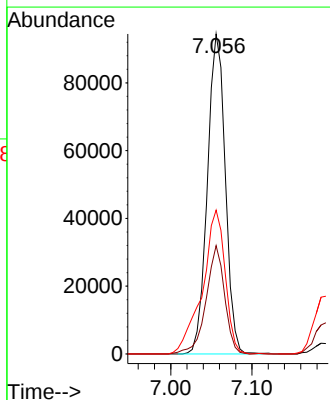
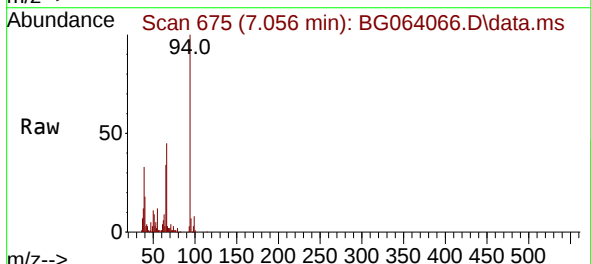
Manual Integrations
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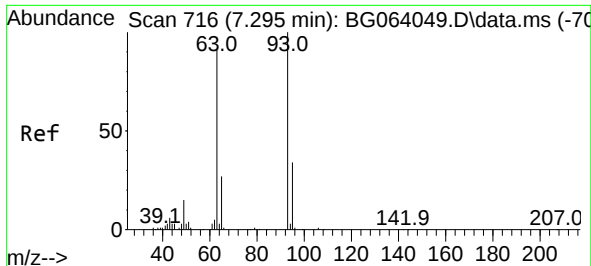
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#10
Phenol
Concen: 48.182 ng
RT: 7.056 min Scan# 675
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

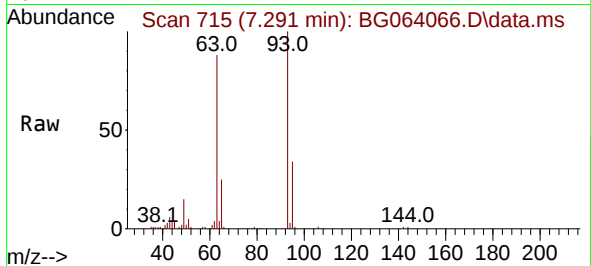
Tgt Ion: 94 Resp: 144263
Ion Ratio Lower Upper
94 100
65 33.9 15.2 55.2
66 45.0 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 39.734 ng
RT: 7.291 min Scan# 716
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

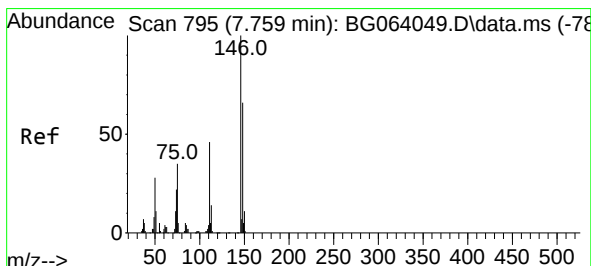
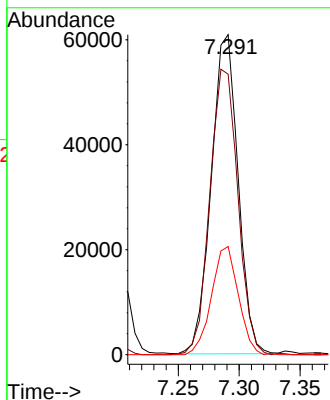
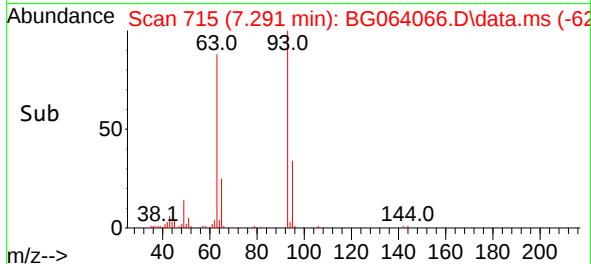
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



Tgt Ion: 93 Resp: 93270
Ion Ratio Lower Upper
93 100
63 87.6 70.0 110.0
95 33.8 13.7 53.7

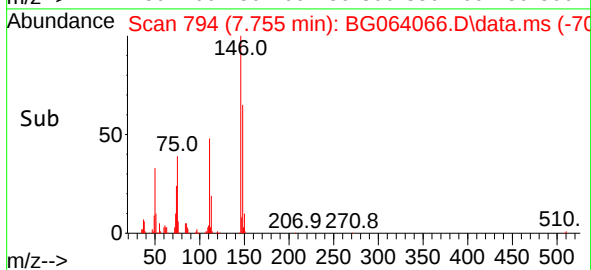
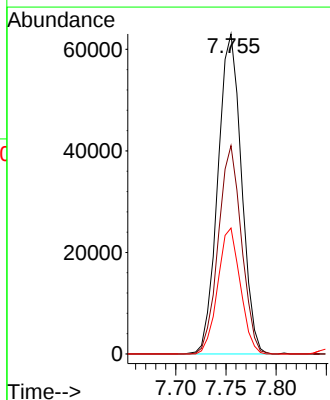
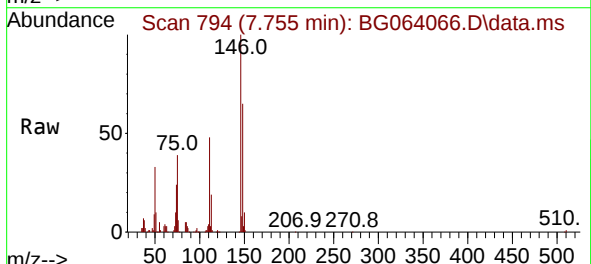
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#12
1,3-Dichlorobenzene
Concen: 40.603 ng
RT: 7.755 min Scan# 794
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

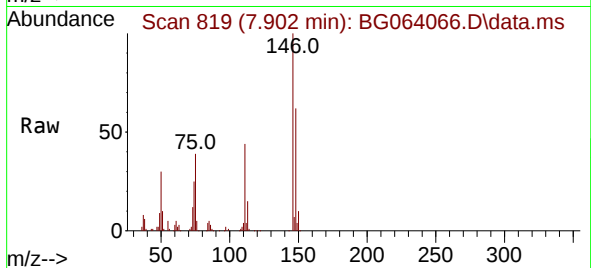
Tgt Ion:146 Resp: 102943
Ion Ratio Lower Upper
146 100
148 65.1 52.6 78.8
75 39.4 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 39.958 ng
RT: 7.902 min Scan# 819
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

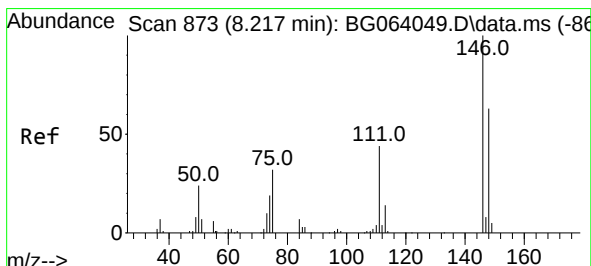
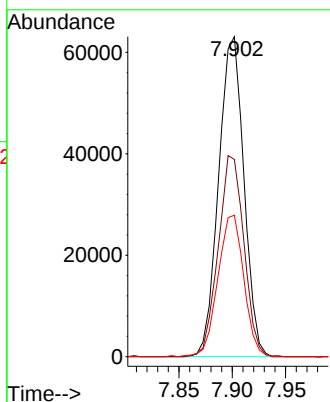
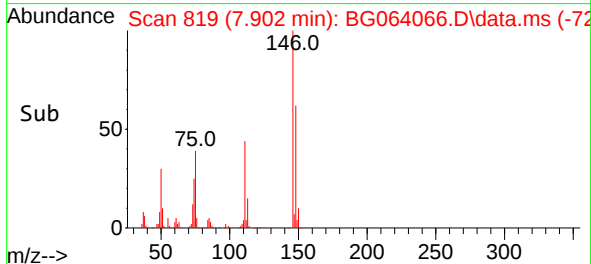
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



Tgt Ion:146 Resp: 103840
Ion Ratio Lower Upper
146 100
148 61.6 50.6 75.8
111 44.2 35.1 52.7

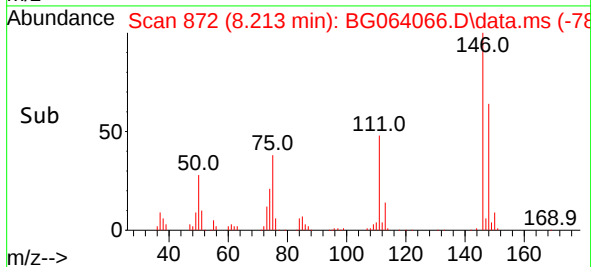
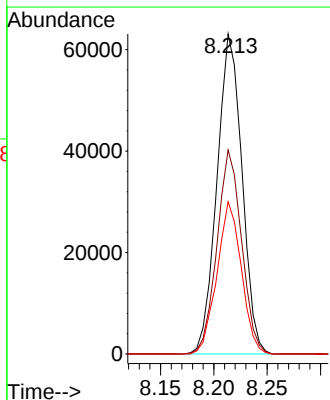
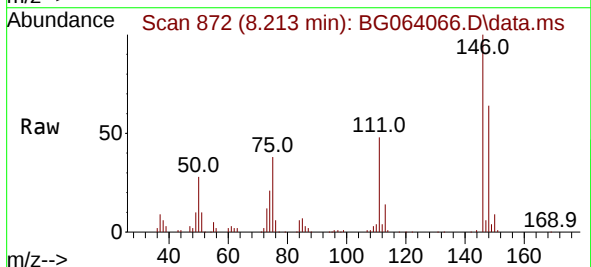
Manual Integrations
APPROVED

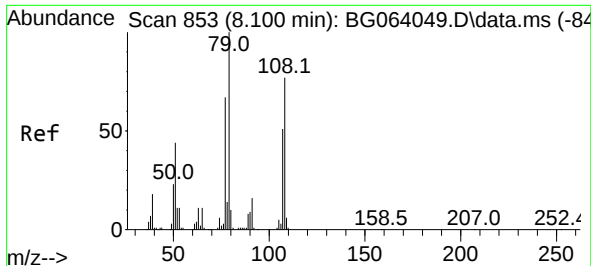
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#14
1,2-Dichlorobenzene
Concen: 41.025 ng
RT: 8.213 min Scan# 872
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

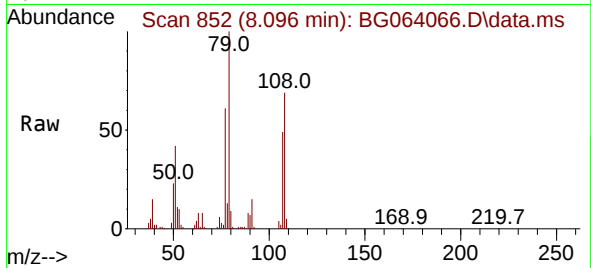
Tgt Ion:146 Resp: 102804
Ion Ratio Lower Upper
146 100
148 63.7 50.2 75.2
111 47.6 36.4 54.6





#15
Benzyl Alcohol
Concen: 47.386 ng
RT: 8.096 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

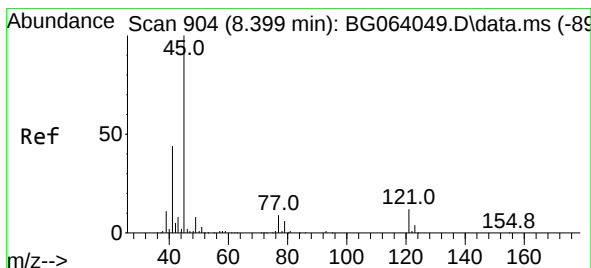
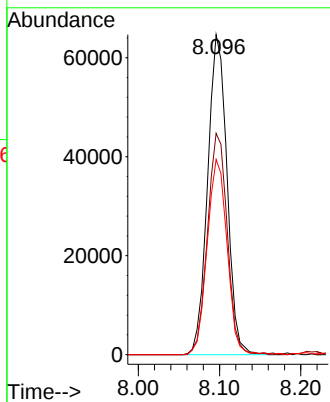
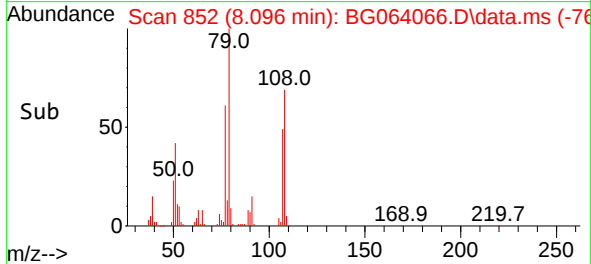
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



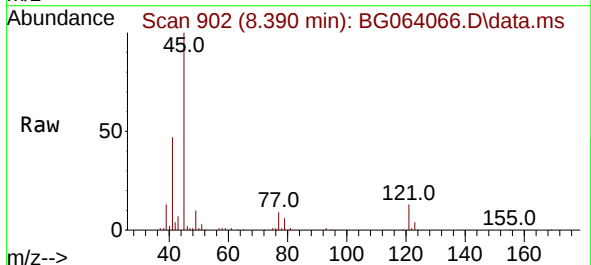
Tgt Ion: 79 Resp: 107085
Ion Ratio Lower Upper
79 100
108 69.2 61.7 92.5
77 61.0 53.9 80.9

Manual Integrations
APPROVED

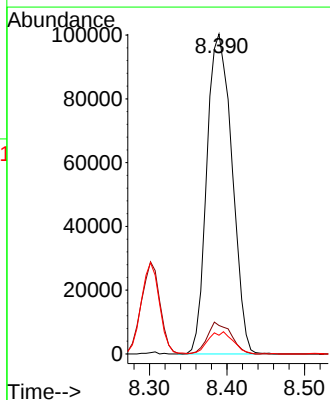
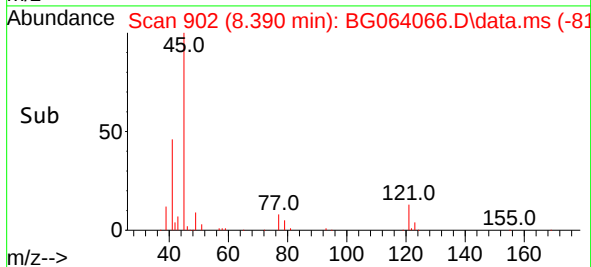
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

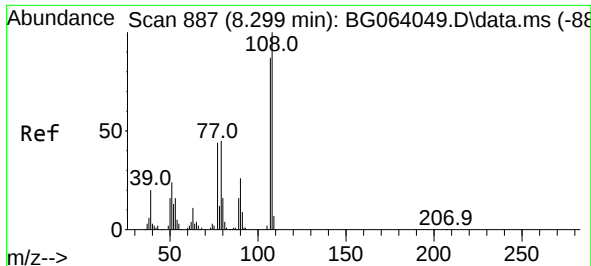


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.905 ng
RT: 8.390 min Scan# 902
Delta R.T. -0.010 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42



Tgt Ion: 45 Resp: 226458
Ion Ratio Lower Upper
45 100
77 8.9 0.0 29.0
79 5.8 0.0 26.6





#17

2-Methylphenol

Concen: 47.788 ng

RT: 8.301 min Scan# 887

Delta R.T. 0.002 min

Lab File: BG064066.D

Acq: 7 Mar 2025 19:42

Instrument :

BNA_G

ClientSampleId :

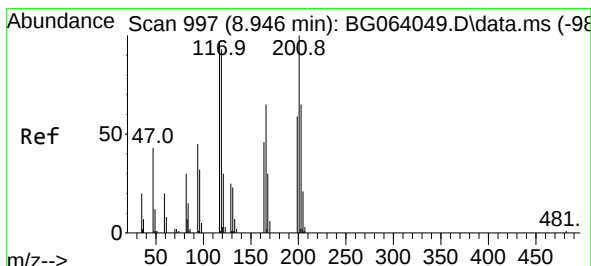
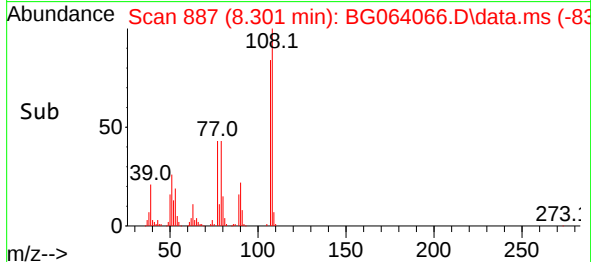
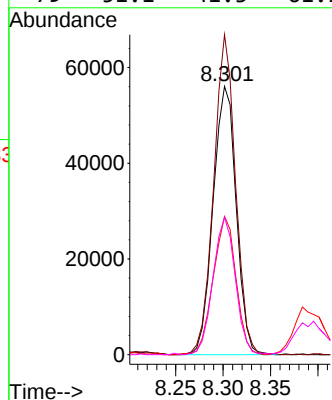
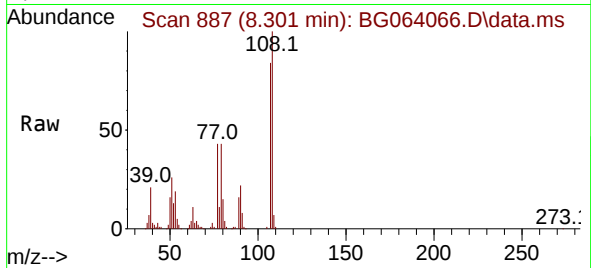
ENV-105-SB02MS

Tgt Ion:	107	Resp:	9496
Ion Ratio	Lower	Upper	
107	100		
108	119.2	92.5	138.7
77	51.5	40.5	60.7
79	51.1	41.3	61.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#18

Hexachloroethane

Concen: 44.744 ng

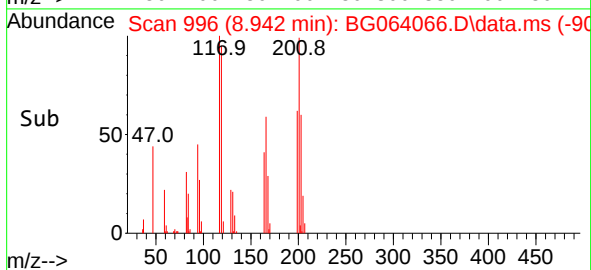
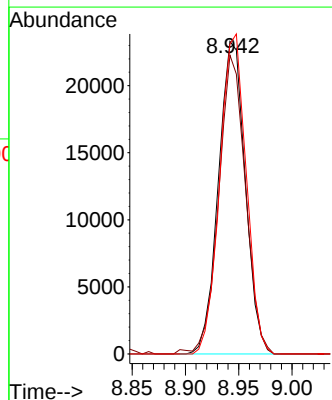
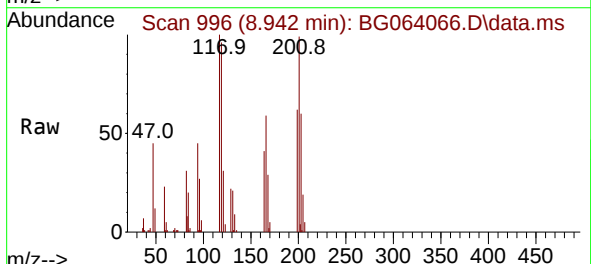
RT: 8.942 min Scan# 996

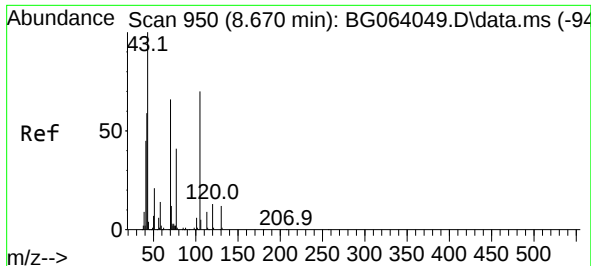
Delta R.T. -0.004 min

Lab File: BG064066.D

Acq: 7 Mar 2025 19:42

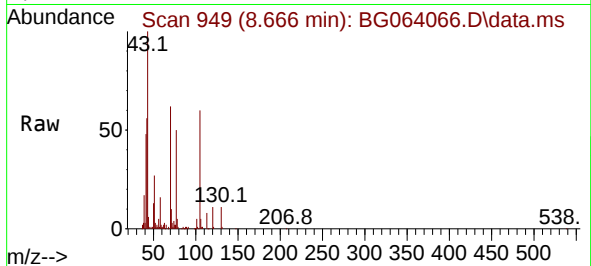
Tgt Ion:	117	Resp:	40682
Ion Ratio	Lower	Upper	
117	100		
119	95.6	76.2	114.2
201	99.2	81.5	122.3





#19
n-Nitroso-di-n-propylamine
Concen: 42.142 ng
RT: 8.666 min Scan# 941
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

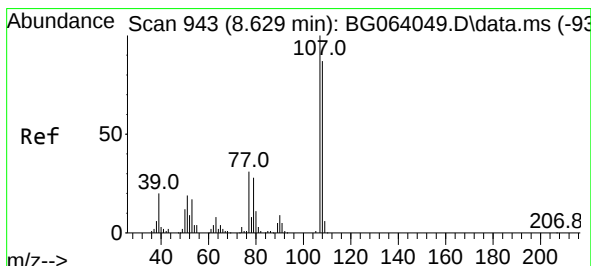
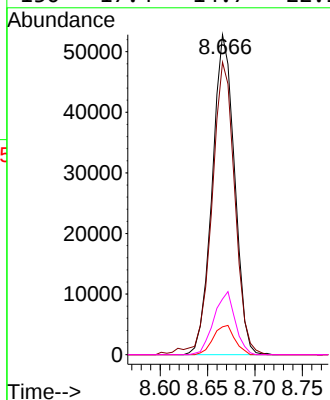
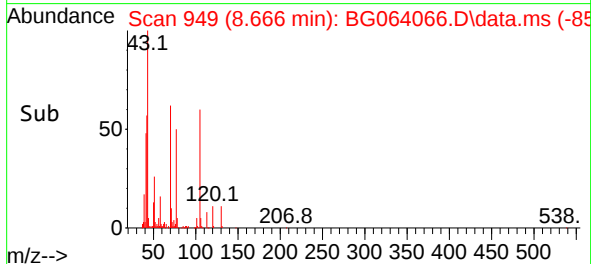
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



Tgt Ion: 70 Resp: 86490
Ion Ratio Lower Upper
70 100
42 91.4 72.1 108.1
101 8.7 7.2 10.8
130 17.4 14.7 22.1

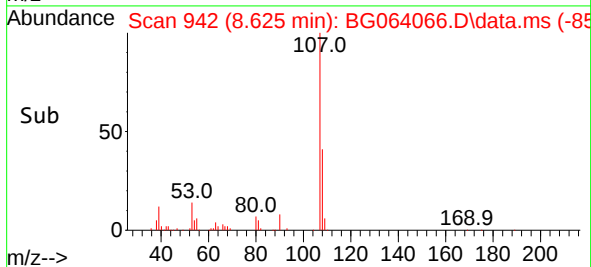
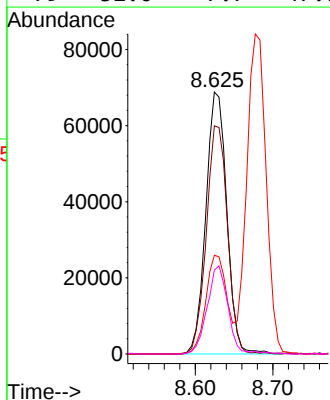
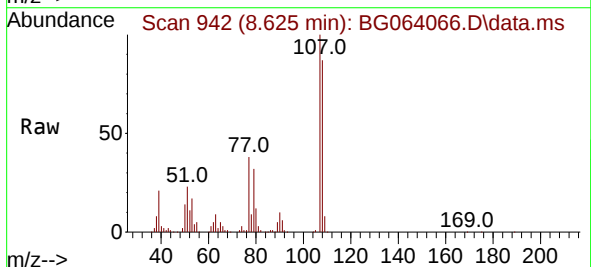
Manual Integrations
APPROVED

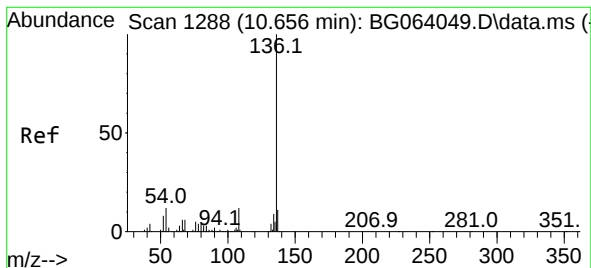
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#20
3+4-Methylphenols
Concen: 47.169 ng
RT: 8.625 min Scan# 942
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

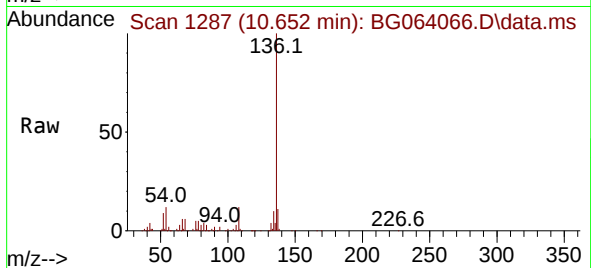
Tgt Ion:107 Resp: 129042
Ion Ratio Lower Upper
107 100
108 87.1 67.0 107.0
77 37.7 11.2 51.2
79 32.0 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1288
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

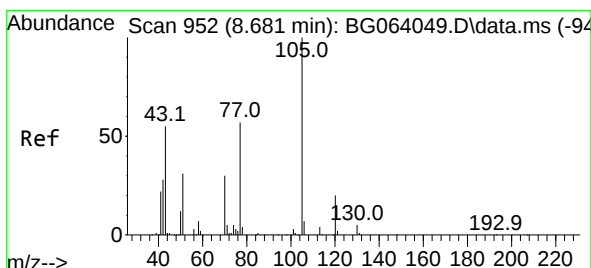
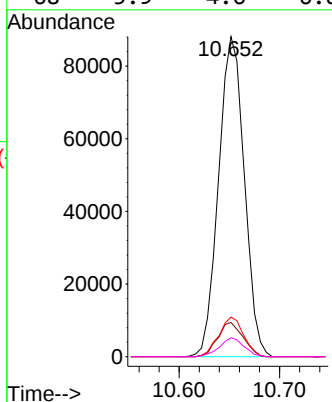
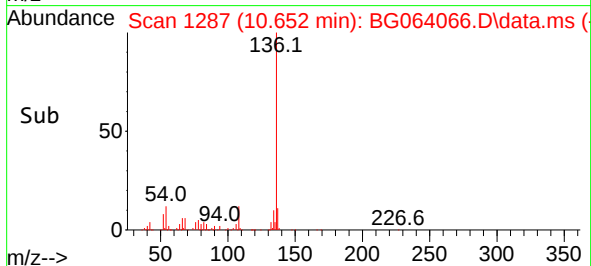
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



Tgt Ion:136 Resp: 156638
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 12.7 9.9 14.9
68 5.9 4.6 6.8

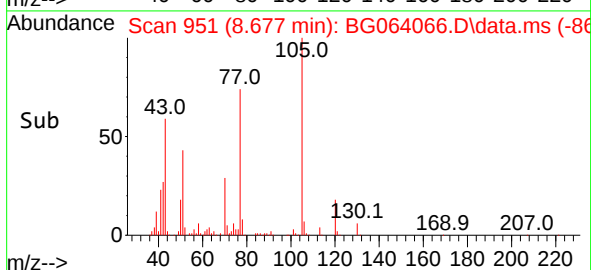
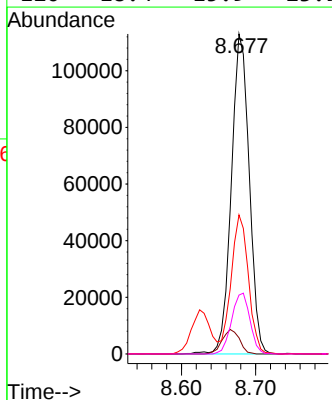
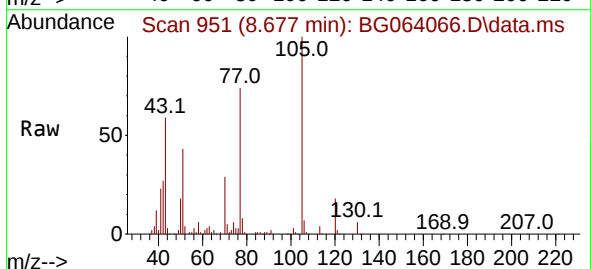
Manual Integrations
APPROVED

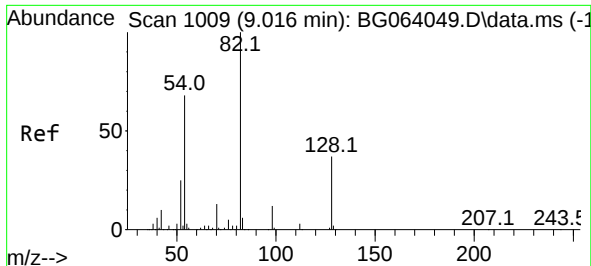
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#22
Acetophenone
Concen: 44.006 ng
RT: 8.677 min Scan# 951
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

Tgt Ion:105 Resp: 188992
Ion Ratio Lower Upper
105 100
71 5.0 4.2 6.4
51 43.4 33.3 49.9
120 18.4 15.9 23.9





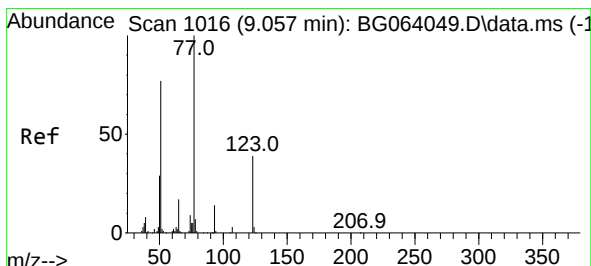
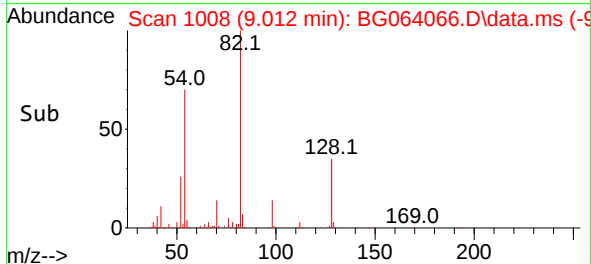
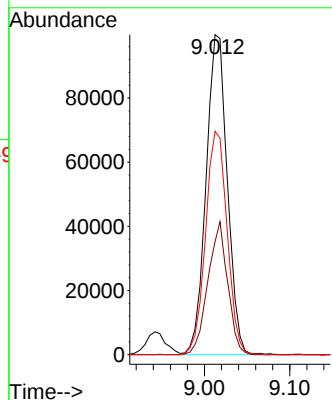
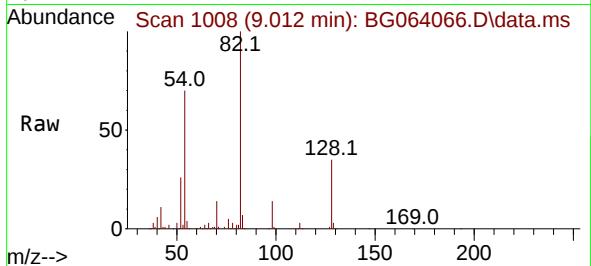
#23
Nitrobenzene-d5
Concen: 61.074 ng
RT: 9.012 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS

Tgt Ion: 82 Resp: 17311
Ion Ratio Lower Upper
82 100
128 35.3 30.0 45.0
54 69.8 54.7 82.1

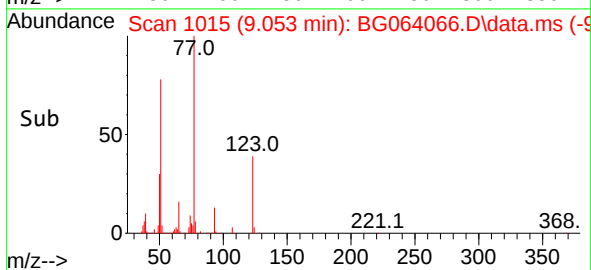
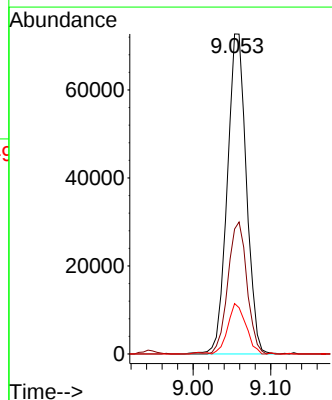
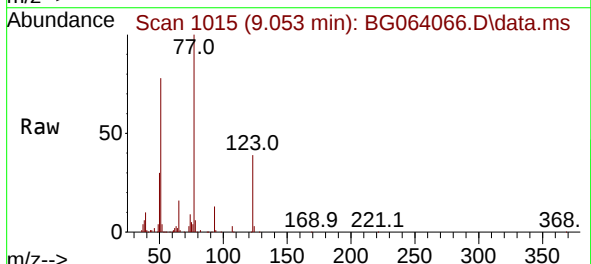
Manual Integrations
APPROVED

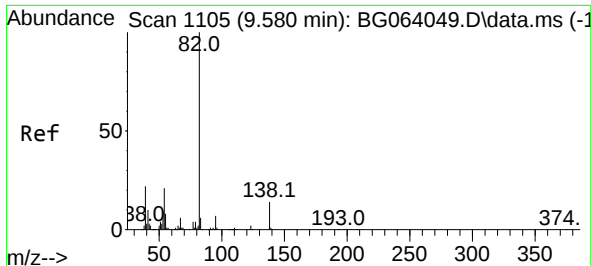
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#24
Nitrobenzene
Concen: 42.637 ng
RT: 9.053 min Scan# 1015
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

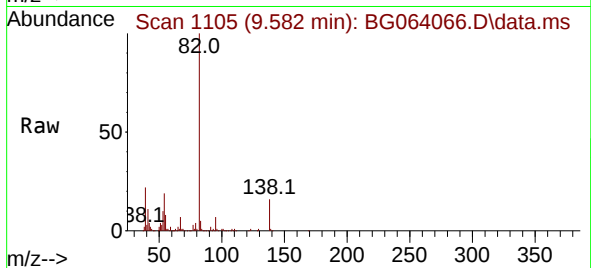
Tgt Ion: 77 Resp: 124896
Ion Ratio Lower Upper
77 100
123 39.0 31.4 47.2
65 15.8 13.4 20.0





#25
Isophorone
Concen: 42.962 ng
RT: 9.582 min Scan# 1105
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

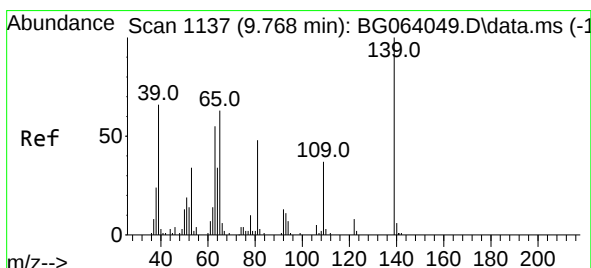
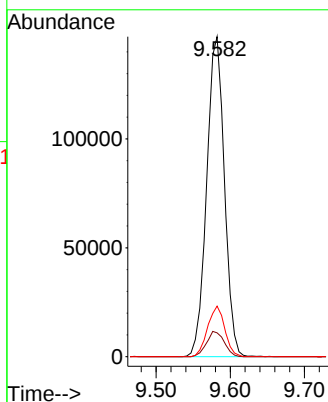
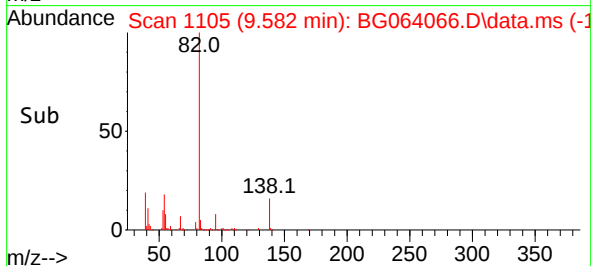
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



Tgt Ion: 82 Resp: 24373
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 15.8 10.9 16.3

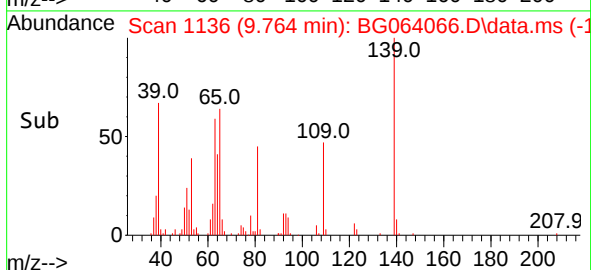
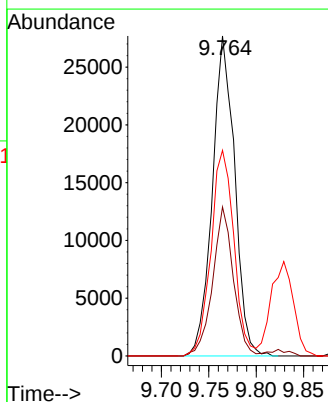
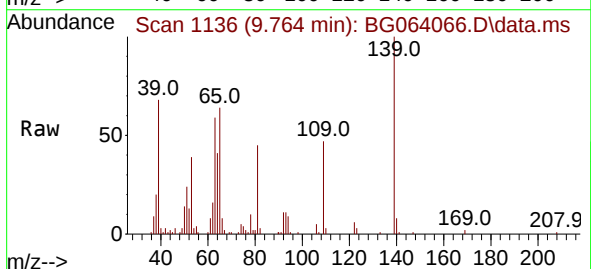
Manual Integrations
APPROVED

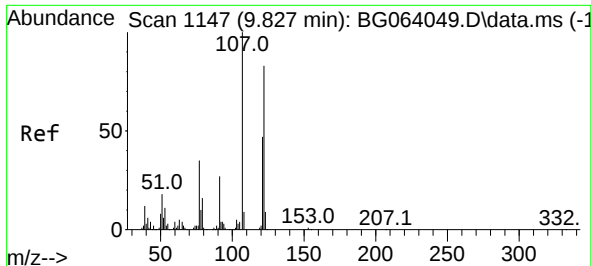
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#26
2-Nitrophenol
Concen: 45.328 ng
RT: 9.764 min Scan# 1136
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

Tgt Ion:139 Resp: 45272
Ion Ratio Lower Upper
139 100
109 46.5 29.9 44.9#
65 64.2 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 58.752 ng

RT: 9.829 min Scan# 1147

Delta R.T. 0.002 min

Lab File: BG064066.D

Acq: 7 Mar 2025 19:42

Instrument :

BNA_G

ClientSampleId :

ENV-105-SB02MS

Tgt Ion:122 Resp: 99924

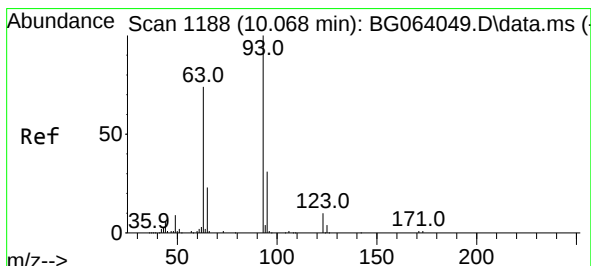
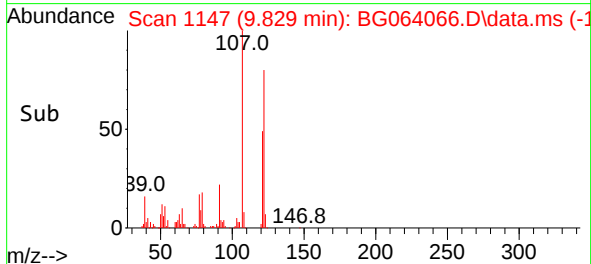
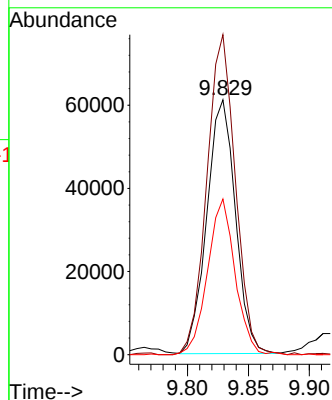
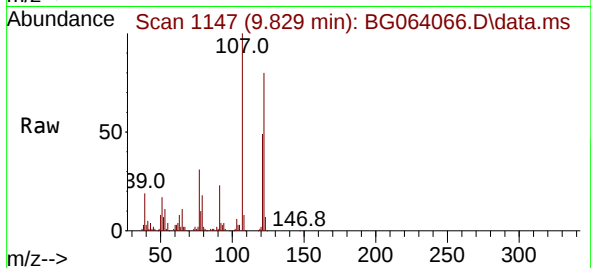
Ion	Ratio	Lower	Upper
122	100		
107	125.5	95.4	143.0
121	61.1	44.9	67.3

Manual Integrations

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Reviewed By :Anahy Claudio 03/10/2025

Supervised By :Jagrut Upadhyay 03/10/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.365 ng

RT: 10.064 min Scan# 1187

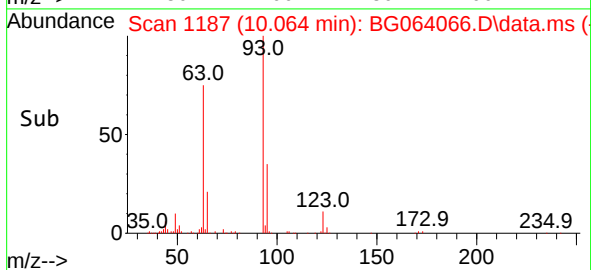
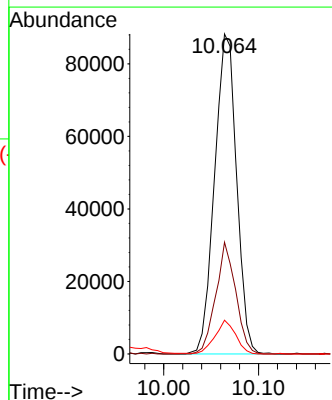
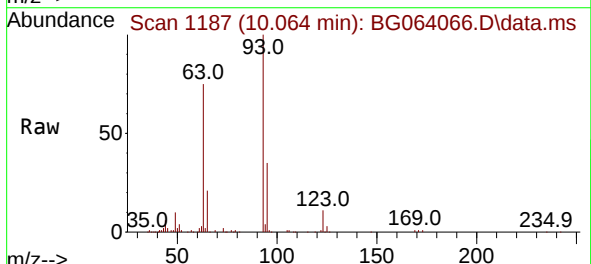
Delta R.T. -0.004 min

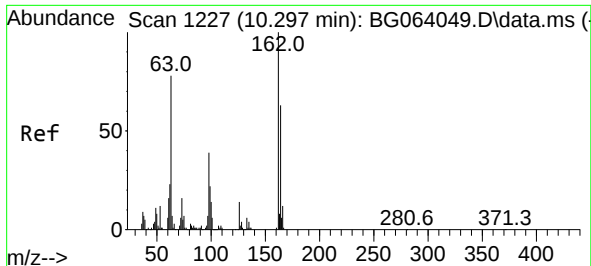
Lab File: BG064066.D

Acq: 7 Mar 2025 19:42

Tgt Ion: 93 Resp: 142280

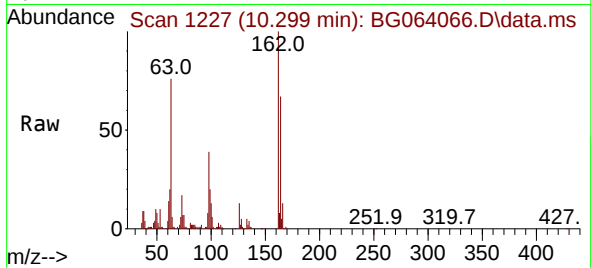
Ion	Ratio	Lower	Upper
93	100		
95	34.9	25.0	37.4
123	10.5	7.6	11.4





#29
2,4-Dichlorophenol
Concen: 46.472 ng
RT: 10.299 min Scan# 1227
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

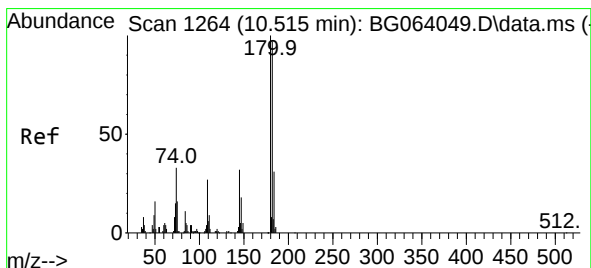
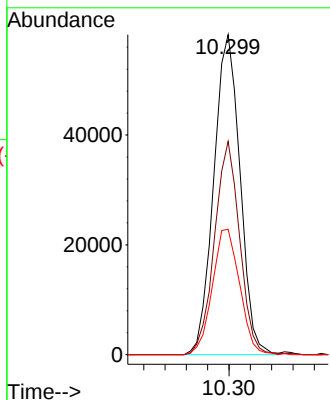
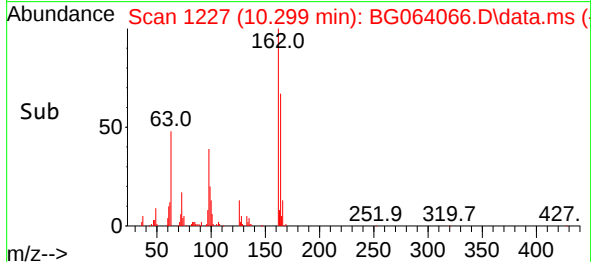
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



Tgt Ion:162 Resp: 9980
Ion Ratio Lower Upper
162 100
164 66.6 42.8 82.8
98 39.2 19.1 59.1

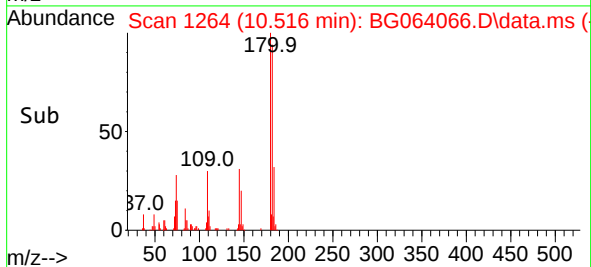
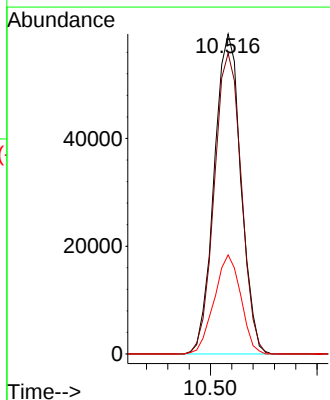
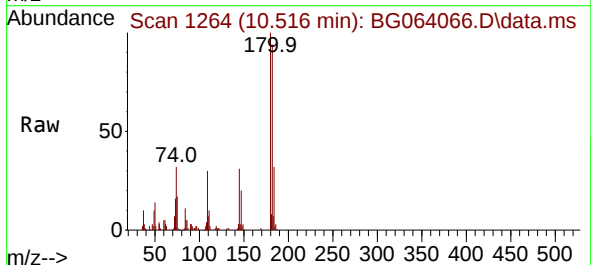
Manual Integrations
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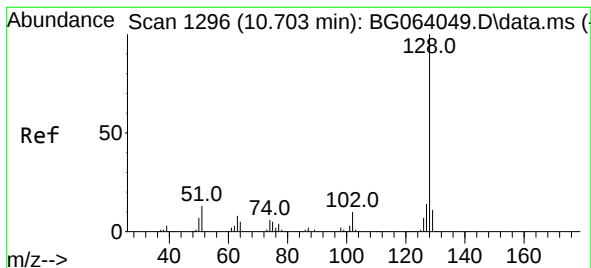
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#30
1,2,4-Trichlorobenzene
Concen: 39.808 ng
RT: 10.516 min Scan# 1264
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

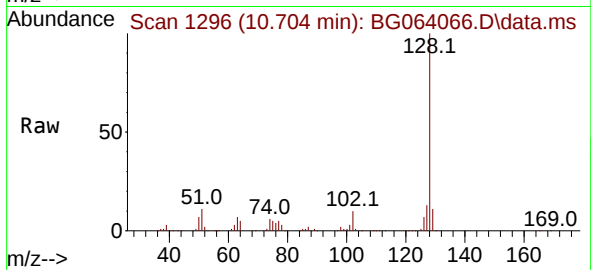
Tgt Ion:180 Resp: 103202
Ion Ratio Lower Upper
180 100
182 94.0 77.3 115.9
145 31.0 25.2 37.8





#31
Naphthalene
Concen: 40.175 ng
RT: 10.704 min Scan# 1172
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

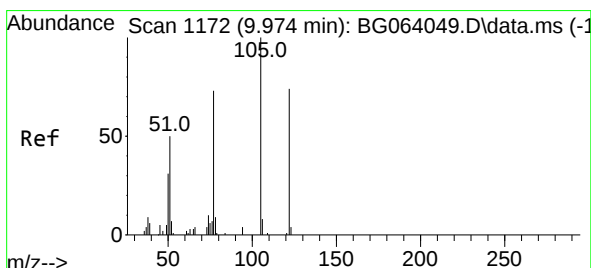
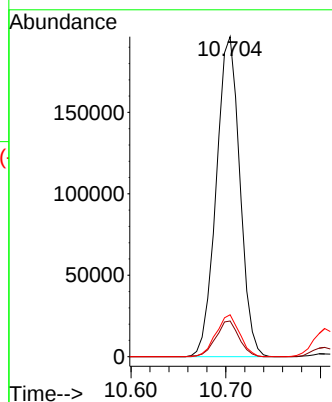
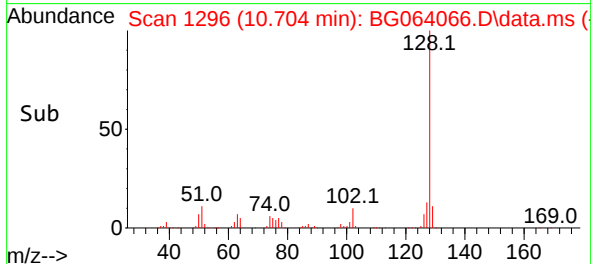
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



Tgt Ion:128 Resp: 339336
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.1 11.1 16.7

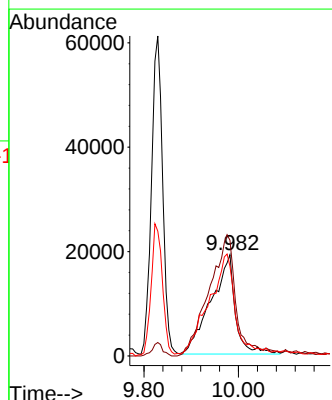
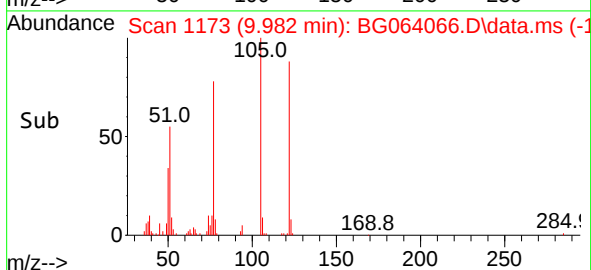
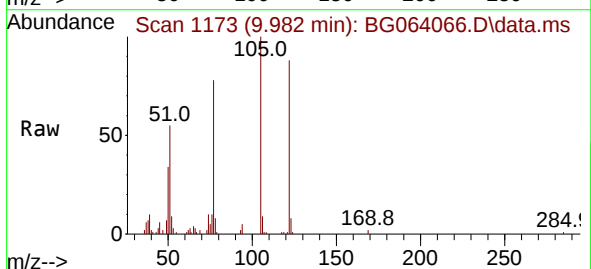
Manual Integrations
APPROVED

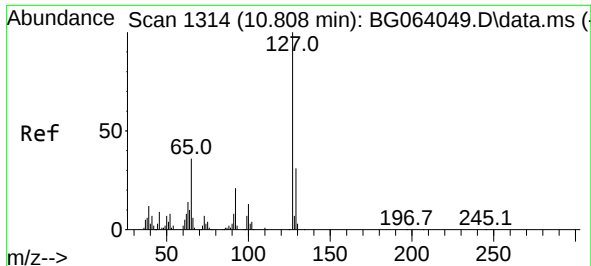
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#32
Benzoic acid
Concen: 44.427 ng m
RT: 9.982 min Scan# 1173
Delta R.T. 0.008 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

Tgt Ion:122 Resp: 68153
Ion Ratio Lower Upper
122 100
105 114.2 115.0 155.0#
77 88.6 80.9 120.9





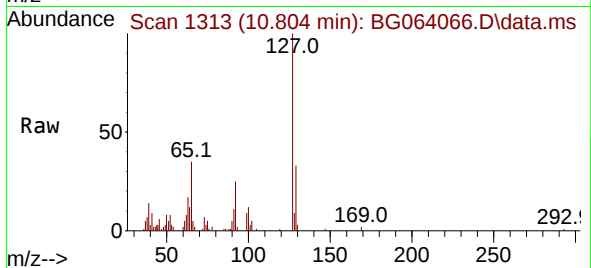
#33
4-Chloroaniline
Concen: 10.545 ng
RT: 10.804 min Scan# 1313
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

Instrument :

BNA_G

ClientSampleId :

ENV-105-SB02MS

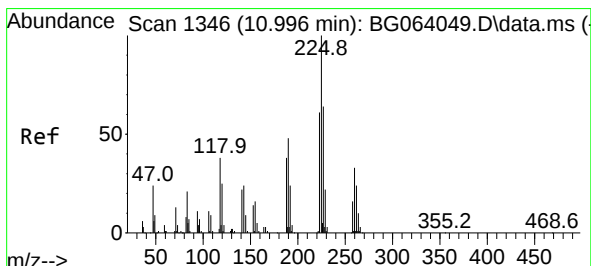
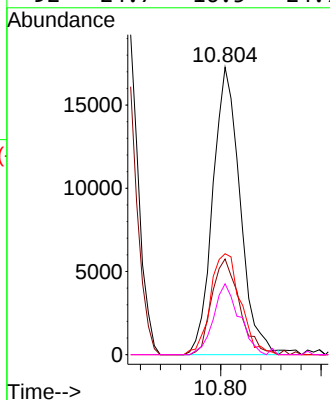
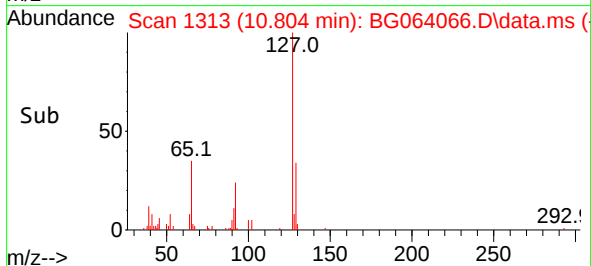


Tgt Ion:127 Resp: 3255
Ion Ratio Lower Upper
127 100
129 33.3 25.0 37.4
65 35.2 28.5 42.7
92 24.7 16.5 24.7

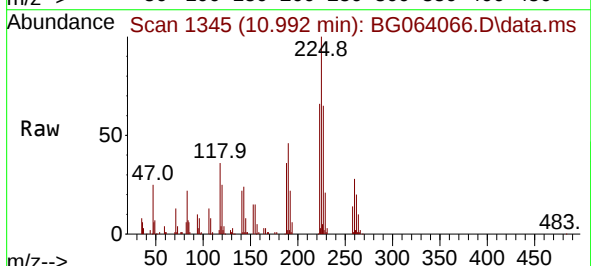
Manual Integrations

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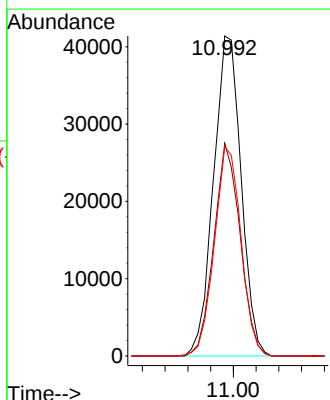
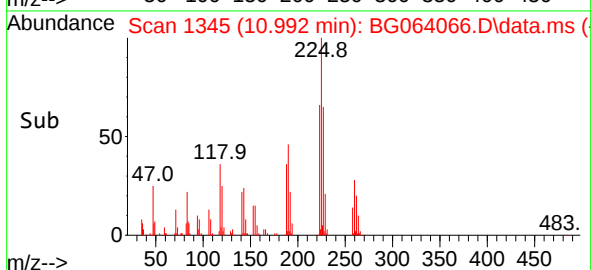
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

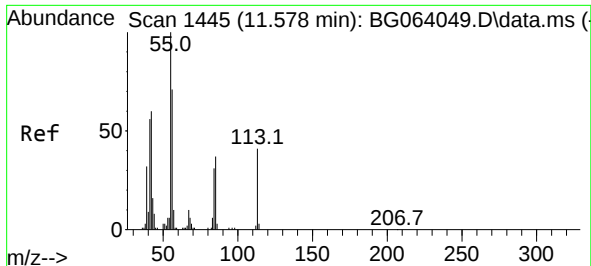


#34
Hexachlorobutadiene
Concen: 41.081 ng
RT: 10.992 min Scan# 1345
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42



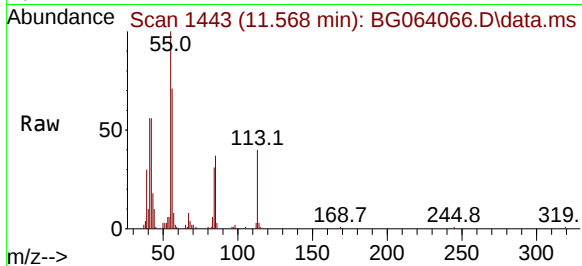
Tgt Ion:225 Resp: 69808
Ion Ratio Lower Upper
225 100
223 66.5 48.5 72.7
227 67.8 51.0 76.6





#35
Caprolactam
Concen: 49.751 ng m
RT: 11.568 min Scan# 1445
Delta R.T. -0.010 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

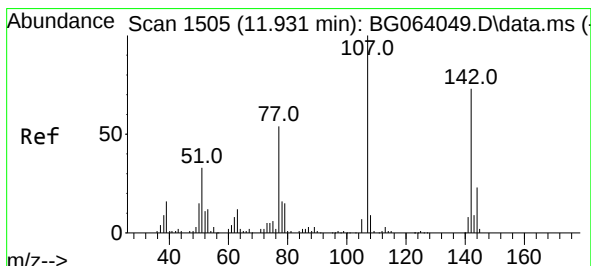
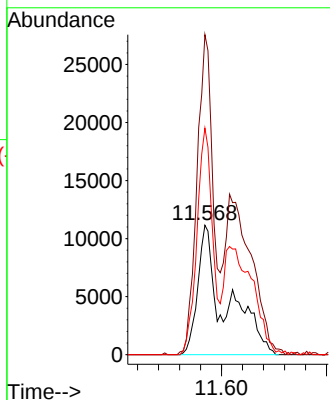
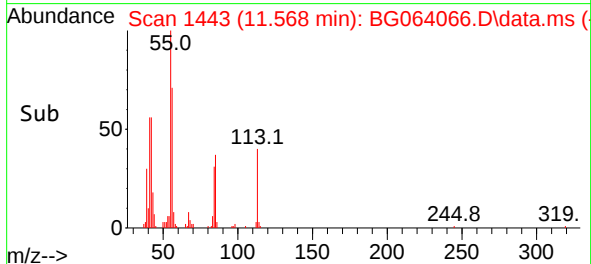
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



Tgt Ion:113 Resp: 40944
Ion Ratio Lower Upper
113 100
55 247.1 225.2 265.2
56 174.9 153.4 193.4

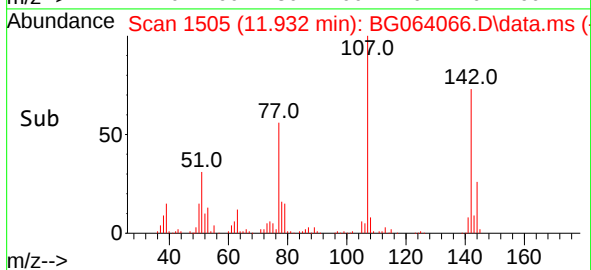
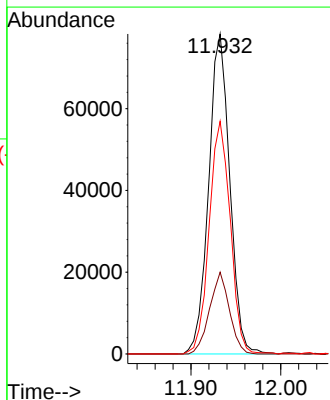
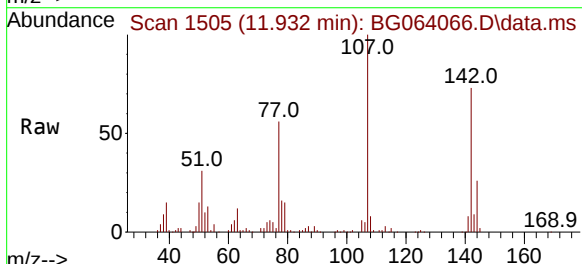
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#36
4-Chloro-3-methylphenol
Concen: 45.447 ng
RT: 11.932 min Scan# 1505
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

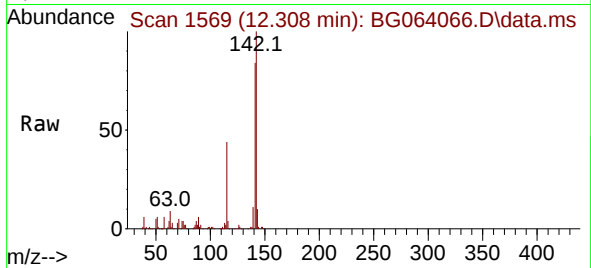
Tgt Ion:107 Resp: 127938
Ion Ratio Lower Upper
107 100
144 25.5 18.6 28.0
142 72.7 58.0 87.0





#37
2-Methylnaphthalene
Concen: 39.792 ng
RT: 12.308 min Scan# 1569
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

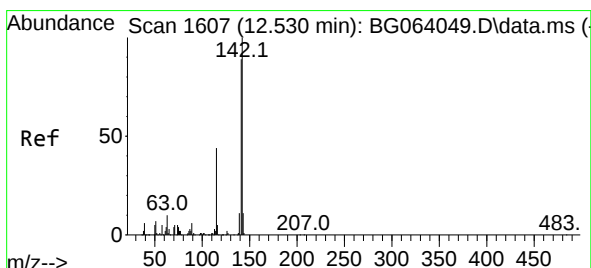
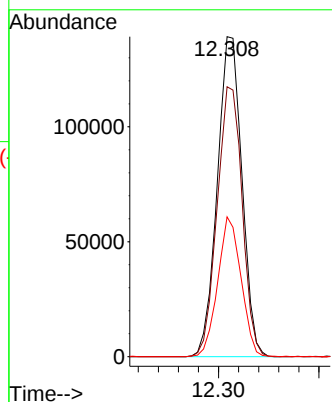
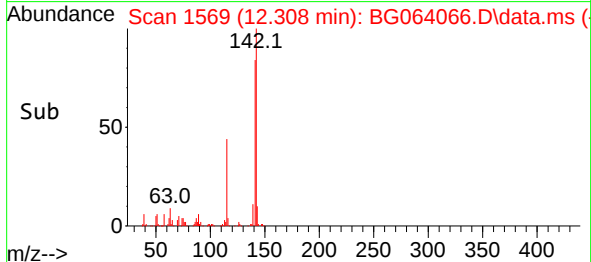
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



Tgt Ion:142 Resp: 237269
Ion Ratio Lower Upper
142 100
141 84.3 68.6 103.0
115 43.7 32.8 49.2

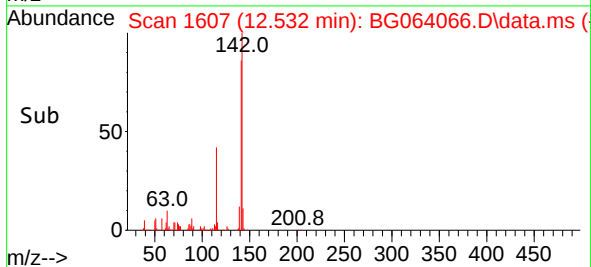
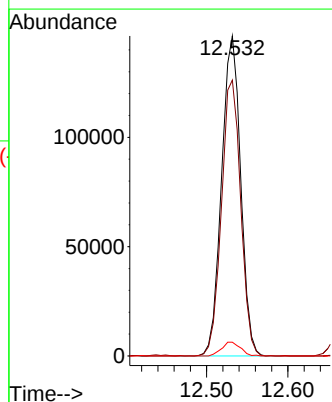
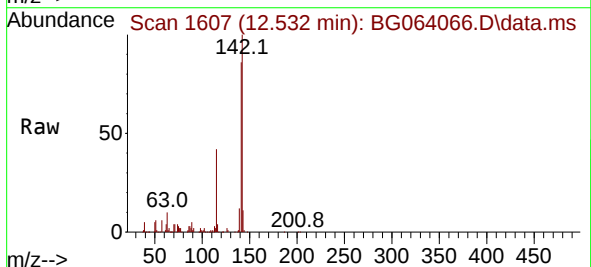
Manual Integrations
APPROVED

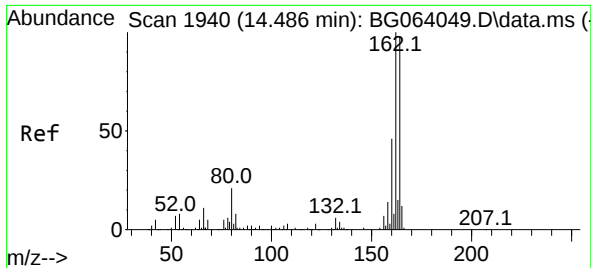
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#38
1-Methylnaphthalene
Concen: 40.877 ng
RT: 12.532 min Scan# 1607
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

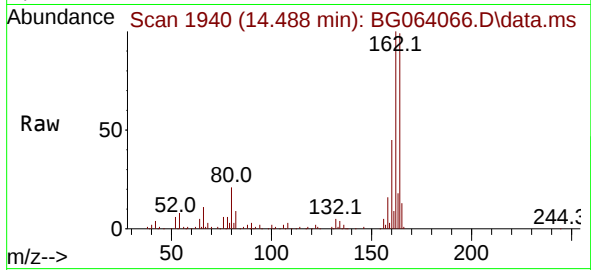
Tgt Ion:142 Resp: 238794
Ion Ratio Lower Upper
142 100
141 86.2 71.2 106.8
116 4.3 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.488 min Scan# 1940
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

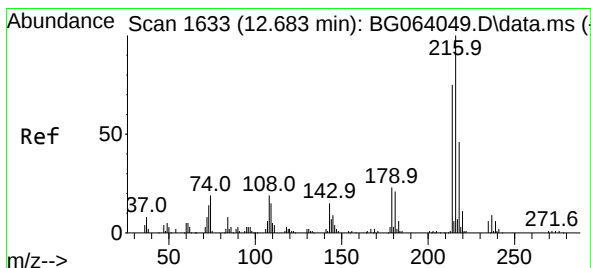
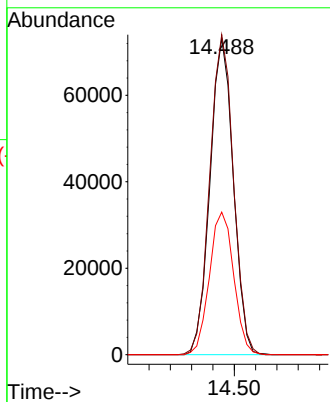
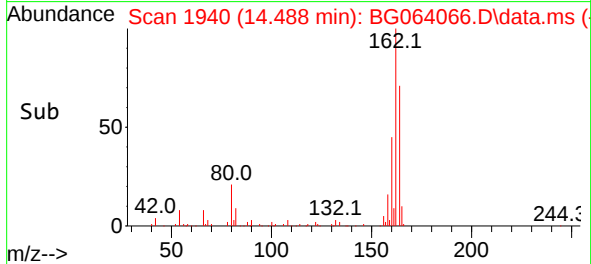
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



Tgt Ion:164 Resp: 110984
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 45.1 37.0 55.6

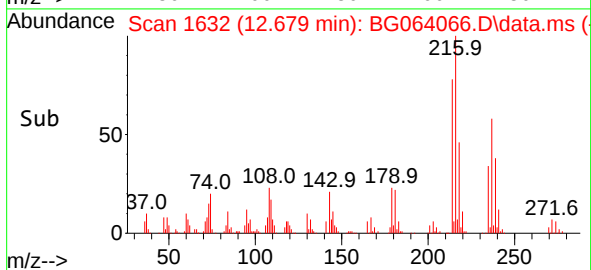
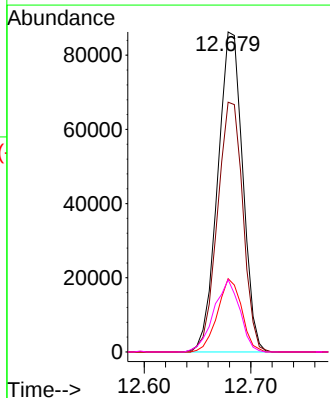
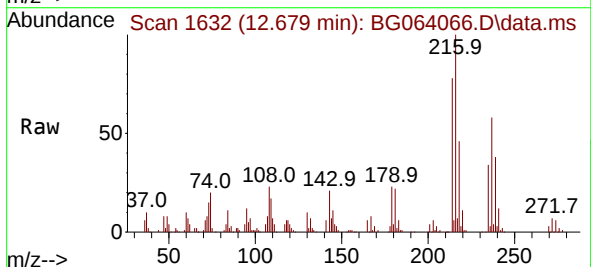
Manual Integrations
APPROVED

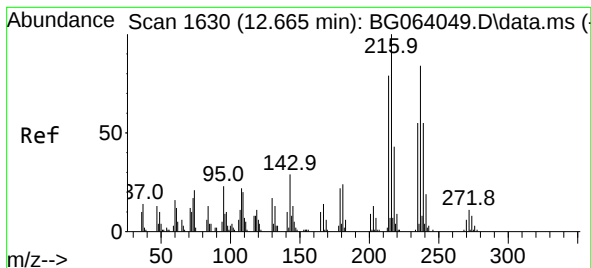
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.381 ng
RT: 12.679 min Scan# 1632
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

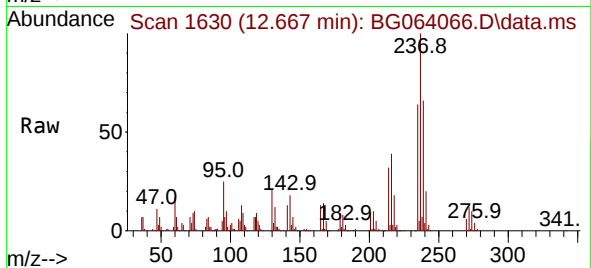
Tgt Ion:216 Resp: 140623
Ion Ratio Lower Upper
216 100
214 79.2 61.7 92.5
179 22.2 17.9 26.9
108 23.4 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 168.953 ng
RT: 12.667 min Scan# 1630
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

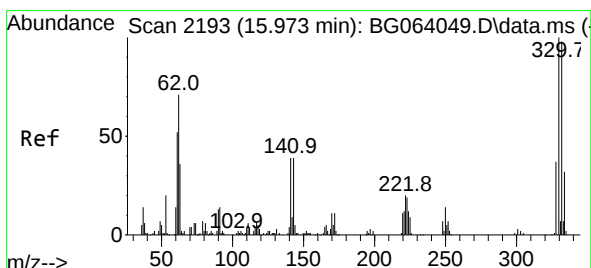
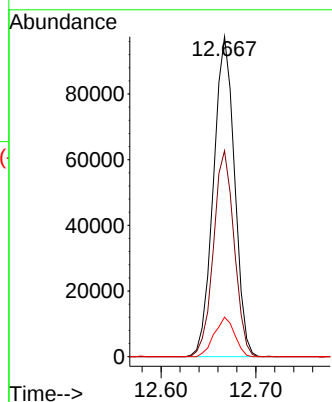
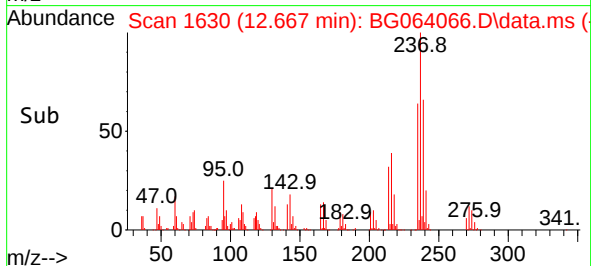
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



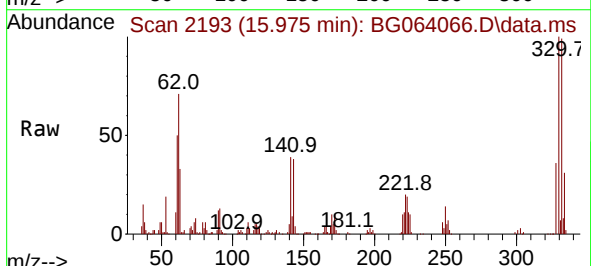
Tgt Ion: 237 Resp: 150670
Ion Ratio Lower Upper
237 100
235 64.4 46.0 86.0
272 12.3 0.0 32.8

Manual Integrations
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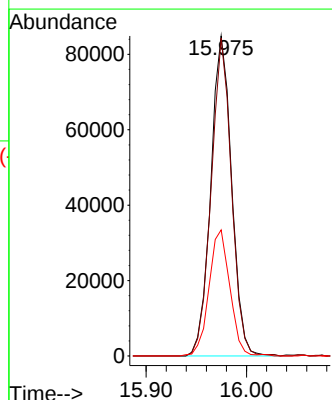
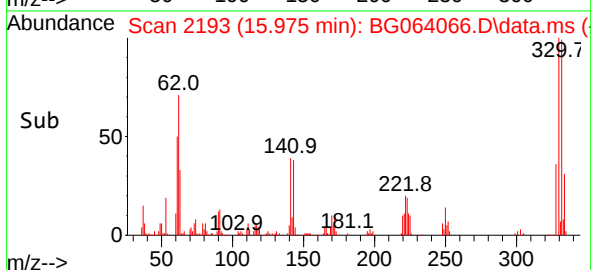
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

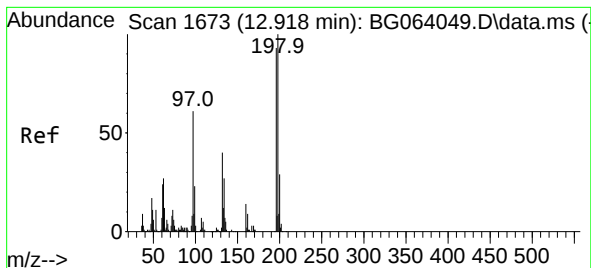


#42
2,4,6-Tribromophenol
Concen: 99.473 ng
RT: 15.975 min Scan# 2193
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42



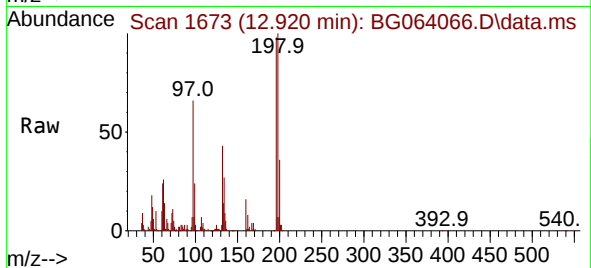
Tgt Ion: 330 Resp: 122716
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 39.5 29.7 44.5





#43
2,4,6-Trichlorophenol
Concen: 47.124 ng
RT: 12.920 min Scan# 1673
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

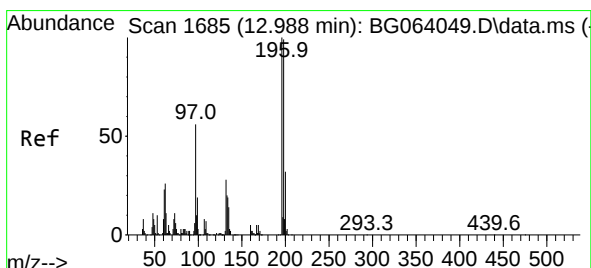
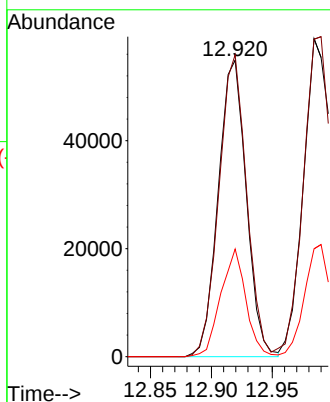
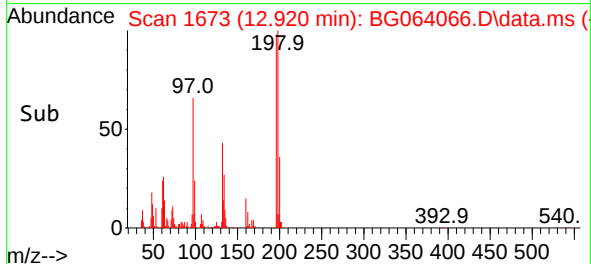
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



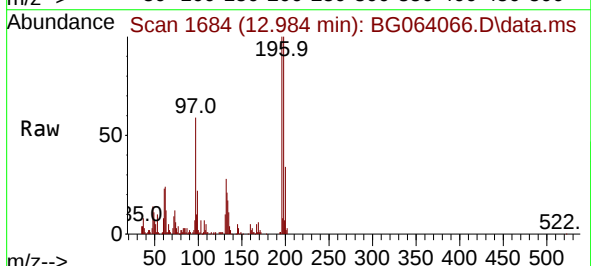
Tgt Ion:196 Resp: 8800
Ion Ratio Lower Upper
196 100
198 101.8 85.6 128.4
200 36.3 24.6 37.0

Manual Integrations
APPROVED

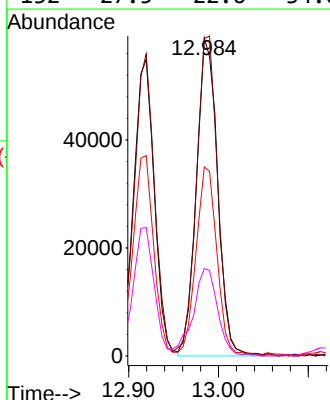
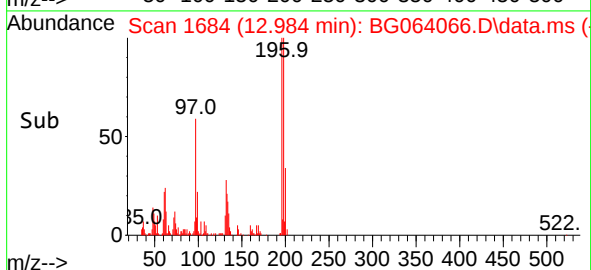
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

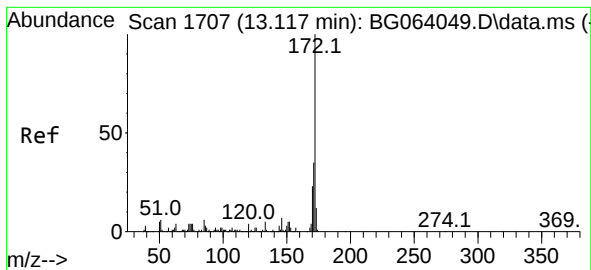


#44
2,4,5-Trichlorophenol
Concen: 46.735 ng
RT: 12.984 min Scan# 1684
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42



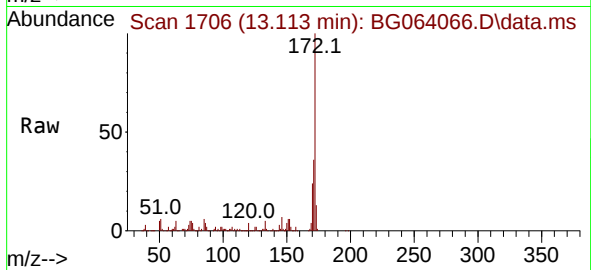
Tgt Ion:196 Resp: 96973
Ion Ratio Lower Upper
196 100
198 99.8 79.5 119.3
97 59.4 45.2 67.8
132 27.5 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 56.773 ng
RT: 13.113 min Scan# 1707
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

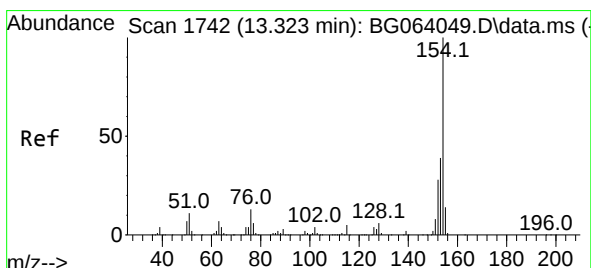
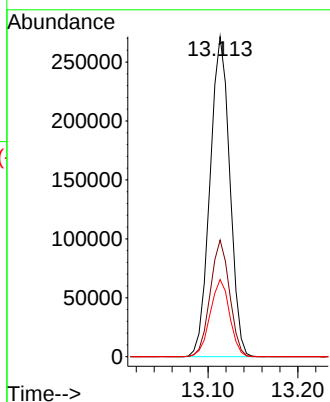
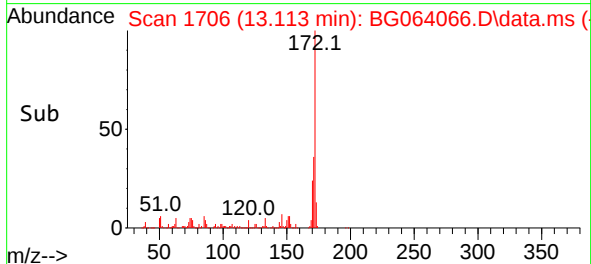
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



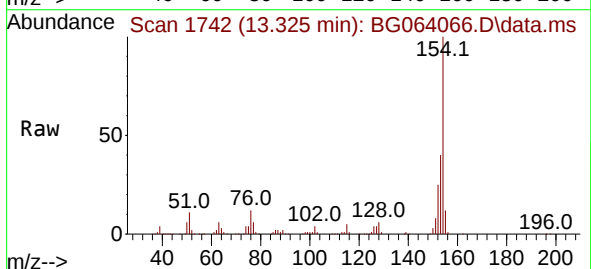
Tgt Ion:172 Resp: 415111
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 24.1 18.7 28.1

Manual Integrations
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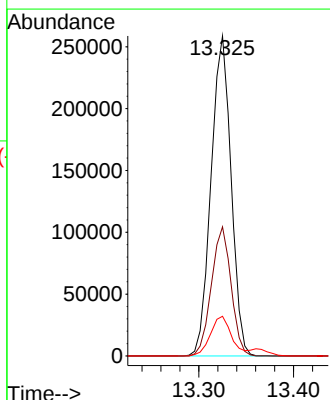
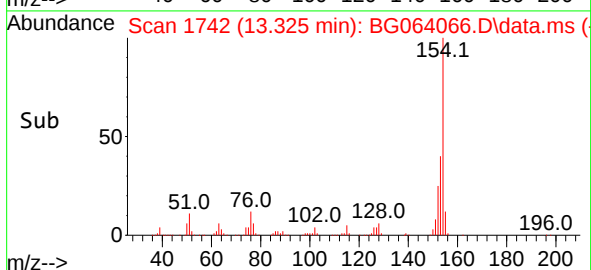
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

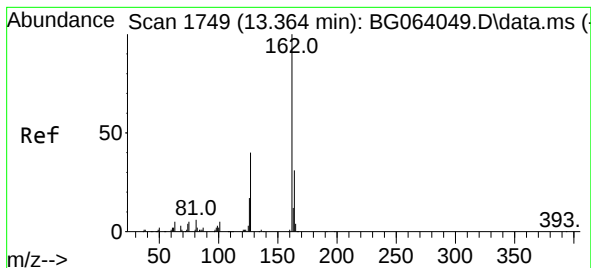


#46
1,1'-Biphenyl
Concen: 45.123 ng
RT: 13.325 min Scan# 1742
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42



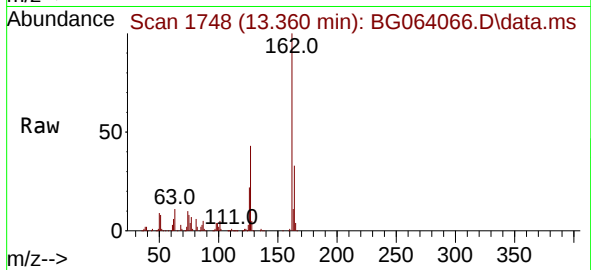
Tgt Ion:154 Resp: 378352
Ion Ratio Lower Upper
154 100
153 40.3 19.5 59.5
76 12.4 0.0 33.5





#47
2-Chloronaphthalene
Concen: 41.697 ng
RT: 13.360 min Scan# 1749
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

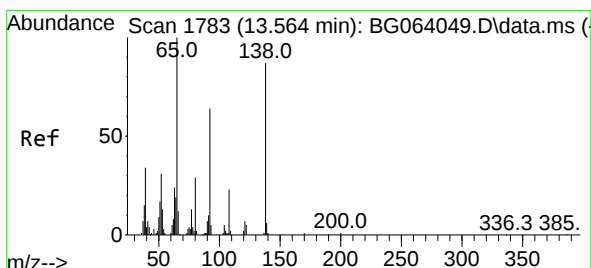
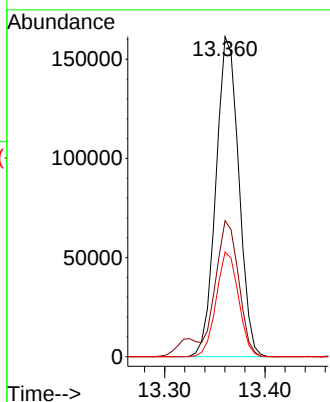
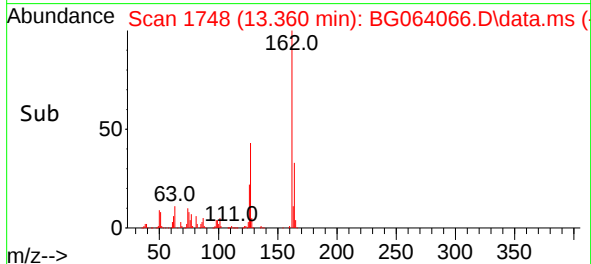
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



Tgt Ion:162 Resp: 254994
Ion Ratio Lower Upper
162 100
127 42.5 35.0 52.4
164 32.7 25.0 37.6

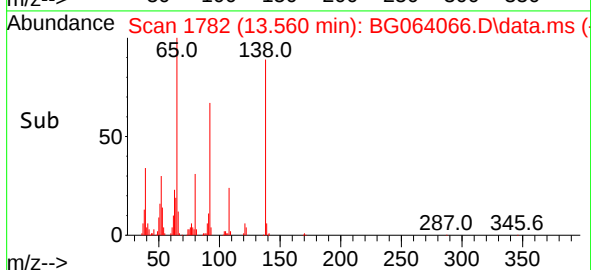
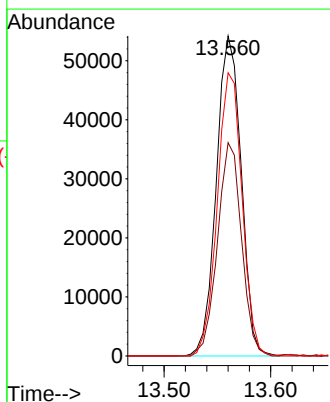
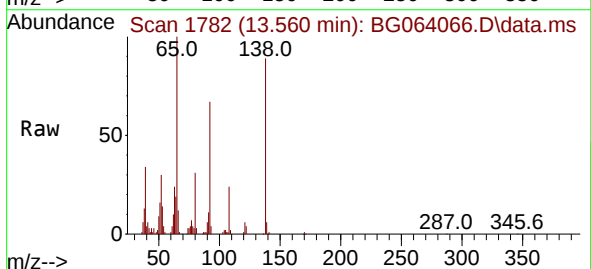
Manual Integrations
APPROVED

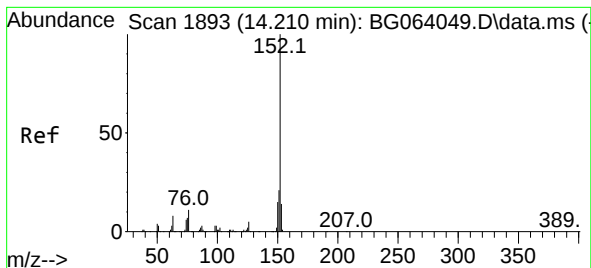
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#48
2-Nitroaniline
Concen: 44.009 ng
RT: 13.560 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

Tgt Ion: 65 Resp: 87730
Ion Ratio Lower Upper
65 100
92 66.7 51.2 76.8
138 88.5 69.4 104.2





#49

Acenaphthylene

Concen: 43.752 ng

RT: 14.212 min Scan# 1893

Delta R.T. 0.002 min

Lab File: BG064066.D

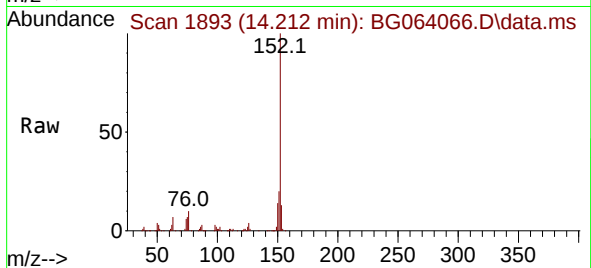
Acq: 7 Mar 2025 19:42

Instrument :

BNA_G

ClientSampleId :

ENV-105-SB02MS



Tgt Ion:152 Resp: 42320

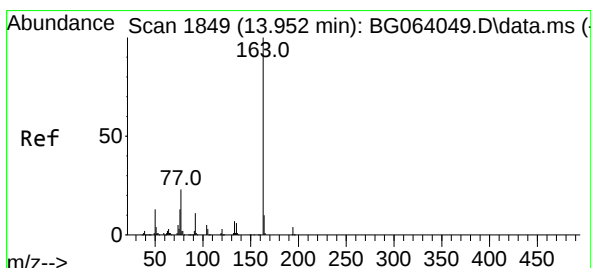
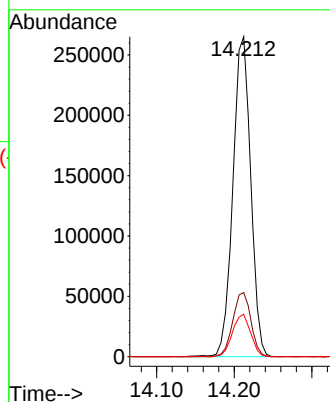
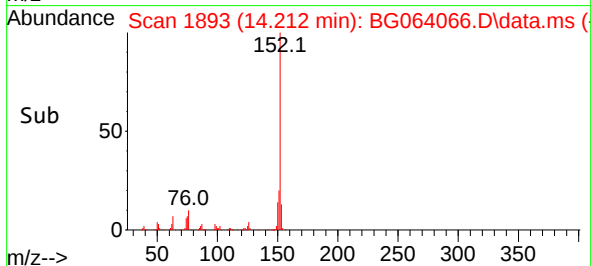
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6
153	13.2	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025

Supervised By :Jagrut Upadhyay 03/10/2025



#50

Dimethylphthalate

Concen: 41.431 ng

RT: 13.954 min Scan# 1849

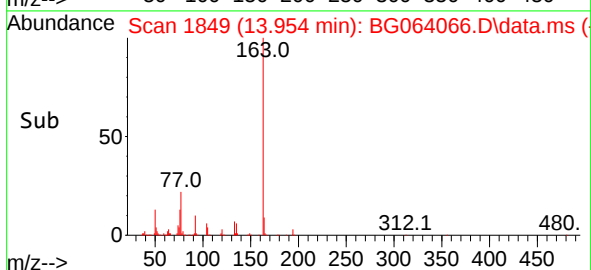
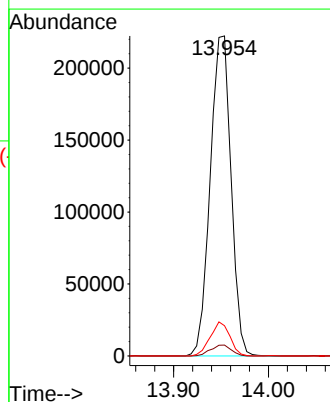
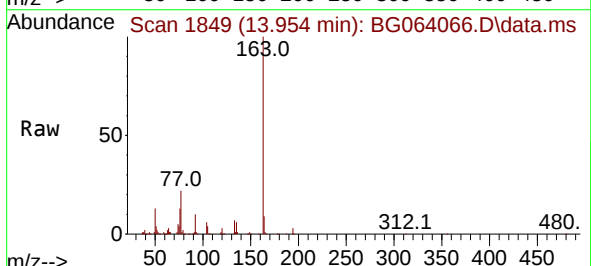
Delta R.T. 0.002 min

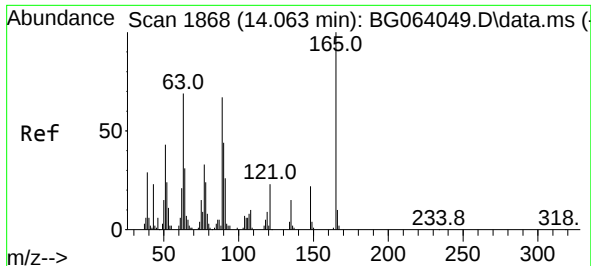
Lab File: BG064066.D

Acq: 7 Mar 2025 19:42

Tgt Ion:163 Resp: 339425

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	9.4	8.2	12.2





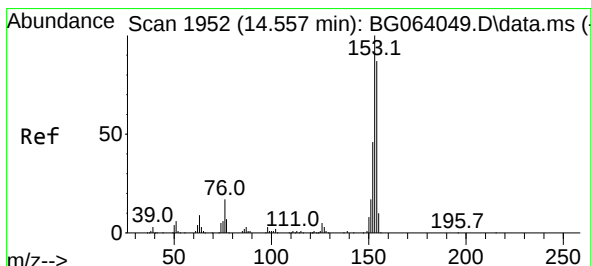
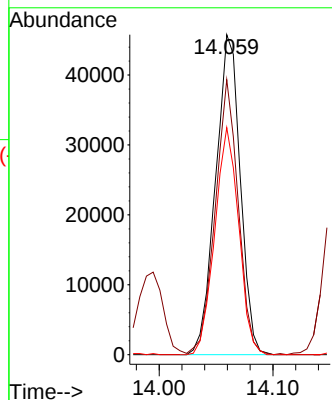
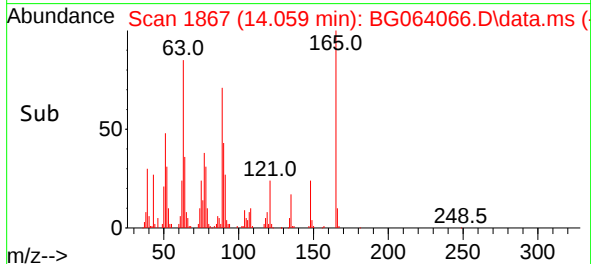
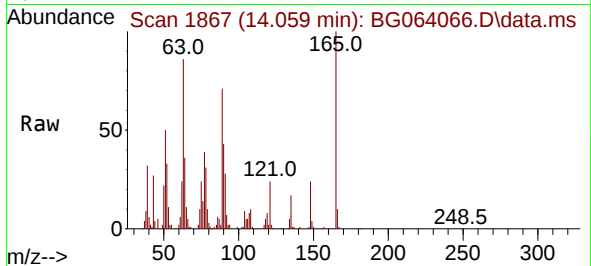
#51
2,6-Dinitrotoluene
Concen: 42.018 ng
RT: 14.059 min Scan# 1867
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS

Tgt Ion:165 Resp: 69089
Ion Ratio Lower Upper
165 100
63 85.9 56.7 85.1
89 71.0 53.7 80.5

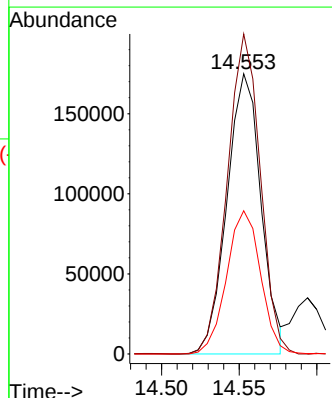
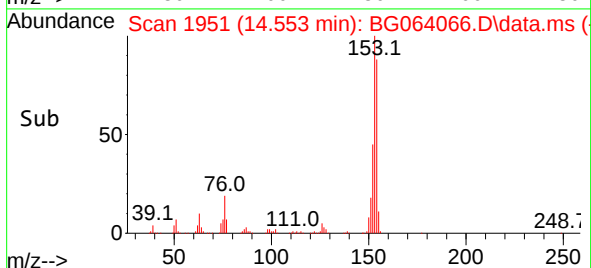
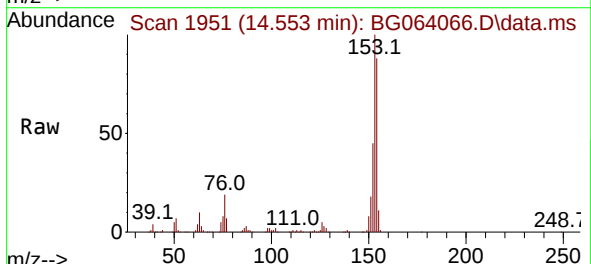
Manual Integrations
APPROVED

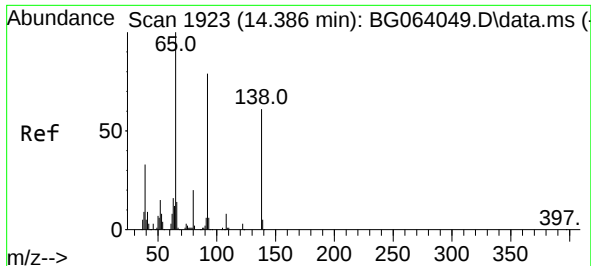
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#52
Acenaphthene
Concen: 41.108 ng
RT: 14.553 min Scan# 1951
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

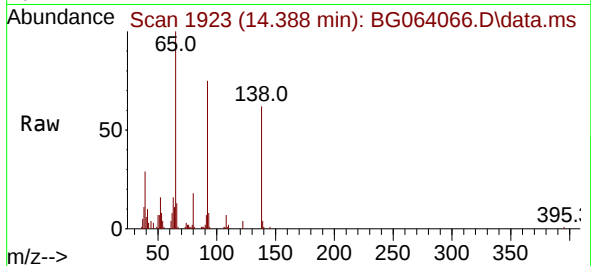
Tgt Ion:154 Resp: 266856
Ion Ratio Lower Upper
154 100
153 114.2 91.6 137.4
152 51.1 42.5 63.7





#53
3-Nitroaniline
Concen: 19.074 ng
RT: 14.388 min Scan# 1923
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

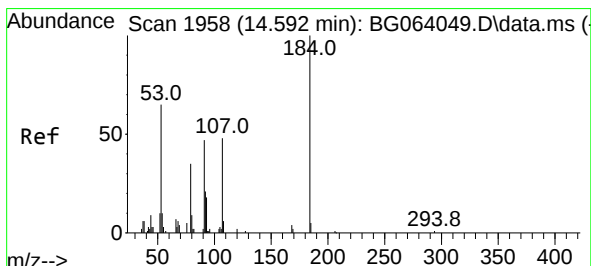
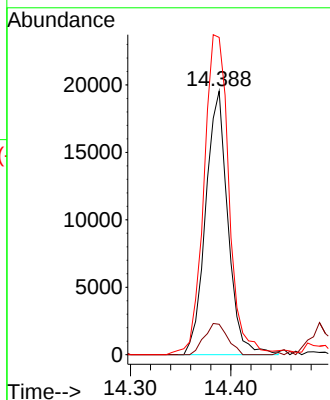
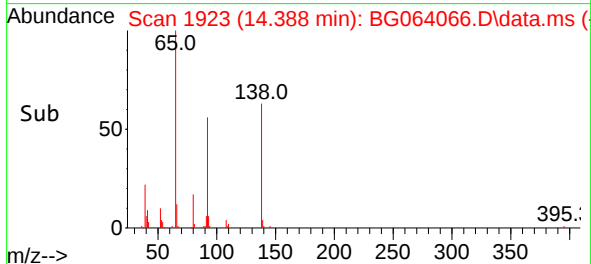
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



Tgt Ion:138 Resp: 3020
Ion Ratio Lower Upper
138 100
108 11.5 10.1 15.1
92 120.4 104.1 156.1

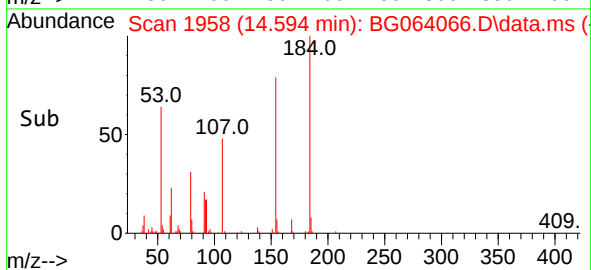
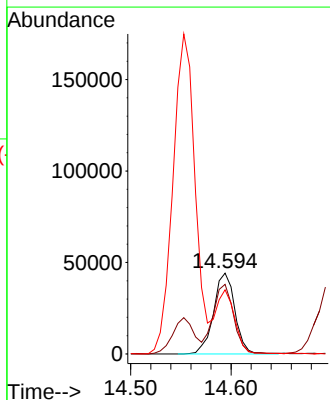
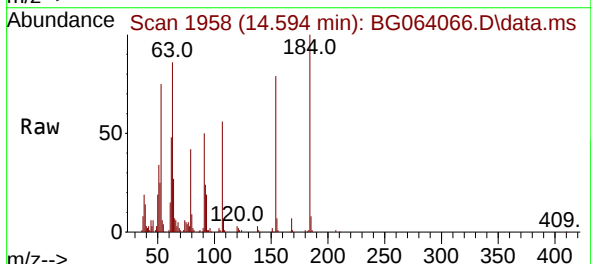
Manual Integrations
APPROVED

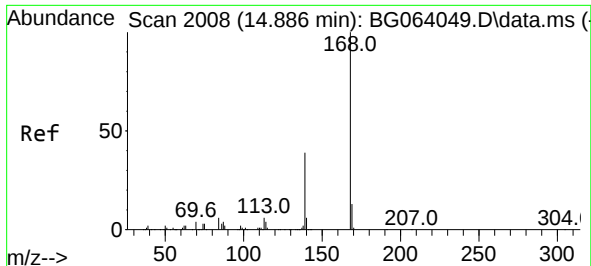
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#54
2,4-Dinitrophenol
Concen: 92.618 ng
RT: 14.594 min Scan# 1958
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

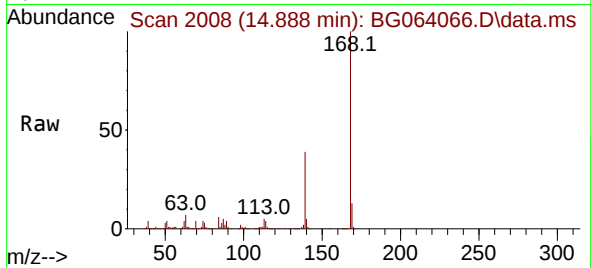
Tgt Ion:184 Resp: 65137
Ion Ratio Lower Upper
184 100
63 86.3 57.5 86.3
154 79.5 52.3 78.5#





#55
Dibenzenofuran
Concen: 39.864 ng
RT: 14.888 min Scan# 2008
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

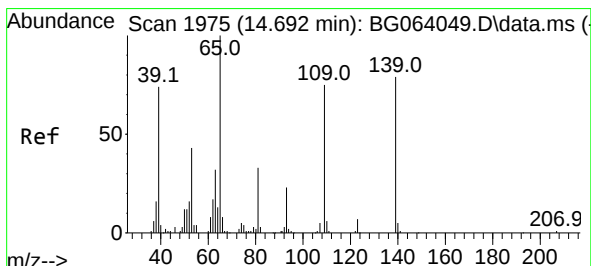
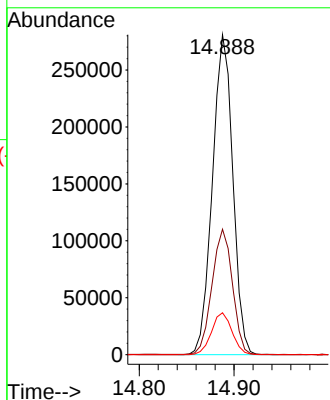
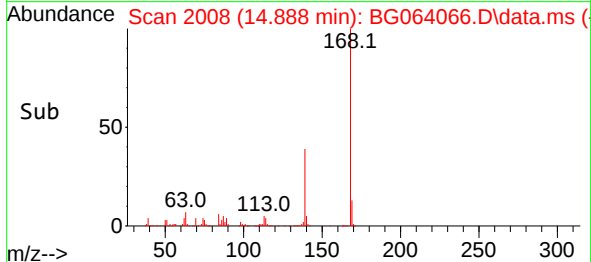
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



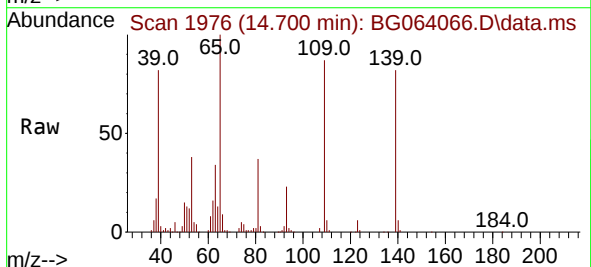
Tgt Ion:168 Resp: 419223
Ion Ratio Lower Upper
168 100
139 39.2 31.1 46.7
169 13.1 10.5 15.7

Manual Integrations
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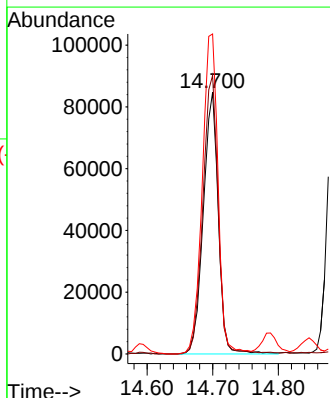
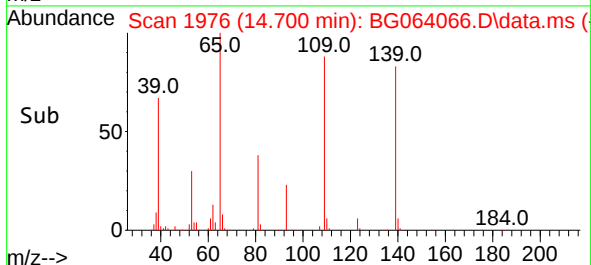
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

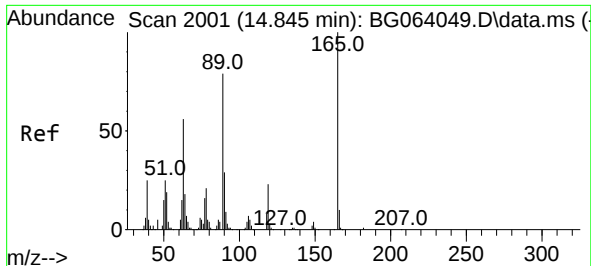


#56
4-Nitrophenol
Concen: 101.839 ng
RT: 14.700 min Scan# 1976
Delta R.T. 0.008 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42



Tgt Ion:139 Resp: 135237
Ion Ratio Lower Upper
139 100
109 106.5 74.9 114.9
65 122.3 106.8 146.8





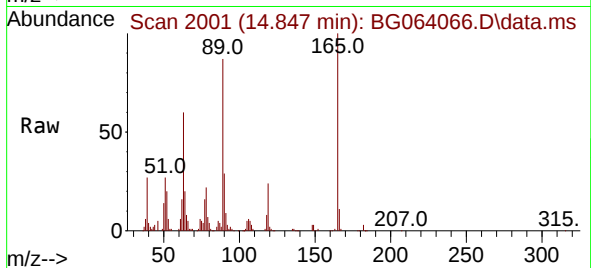
#57
2,4-Dinitrotoluene
Concen: 44.773 ng
RT: 14.847 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

Instrument :

BNA_G

ClientSampleId :

ENV-105-SB02MS

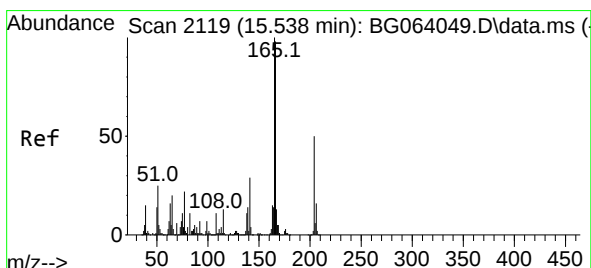
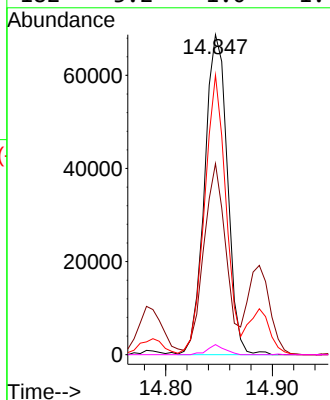
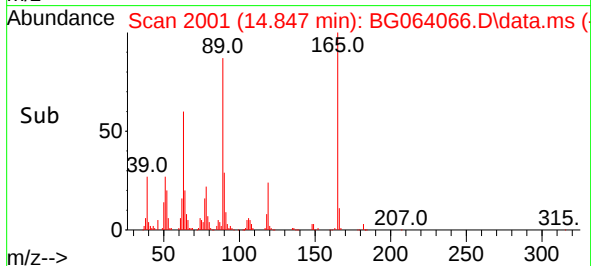


Tgt Ion:165 Resp: 10207
Ion Ratio Lower Upper
165 100
63 59.7 45.0 67.6
89 87.3 63.1 94.7
182 3.2 1.0 1.4#

Manual Integrations

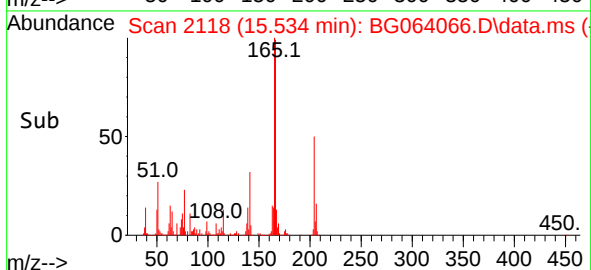
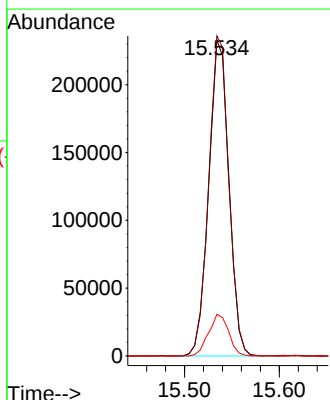
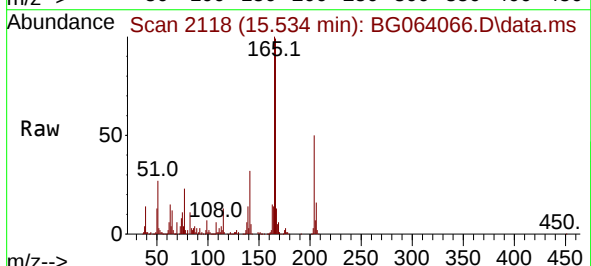
APPROVED

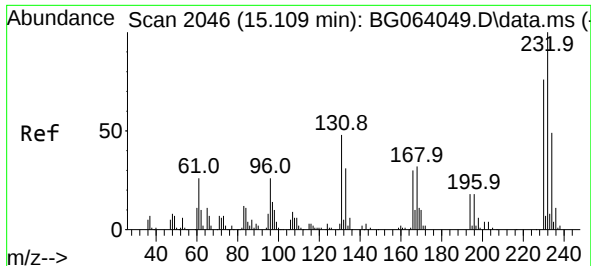
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#58
Fluorene
Concen: 42.051 ng
RT: 15.534 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

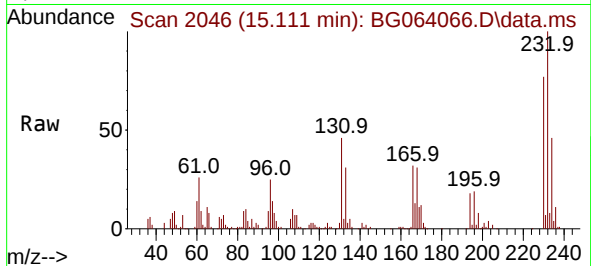
Tgt Ion:166 Resp: 344428
Ion Ratio Lower Upper
166 100
165 101.3 81.8 122.8
167 13.2 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.984 ng
RT: 15.111 min Scan# 2046
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

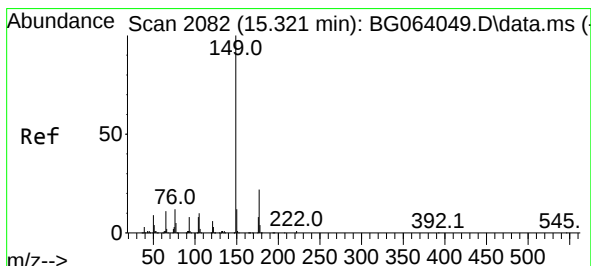
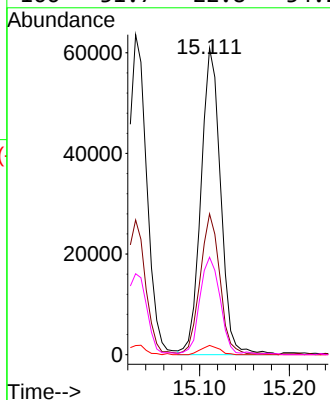
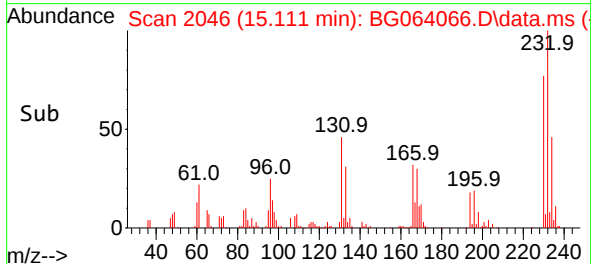
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



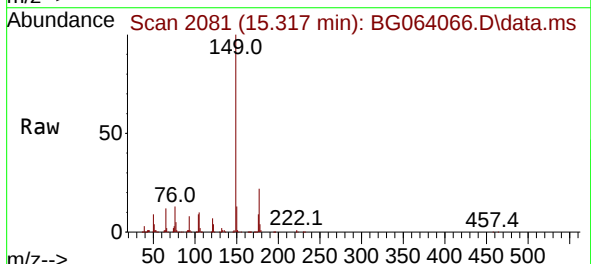
Tgt Ion:232 Resp: 93019
Ion Ratio Lower Upper
232 100
131 46.4 36.3 54.5
130 2.8 1.9 2.9
166 31.7 22.8 34.2

Manual Integrations
APPROVED

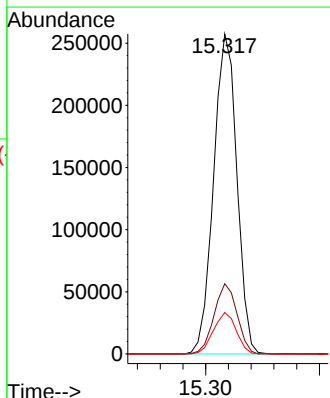
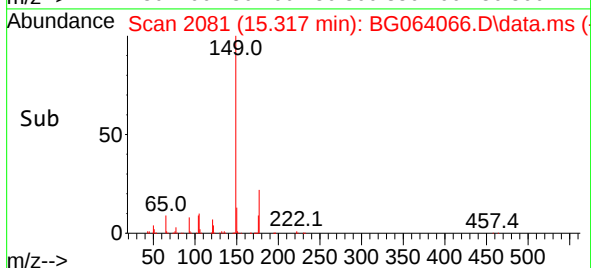
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

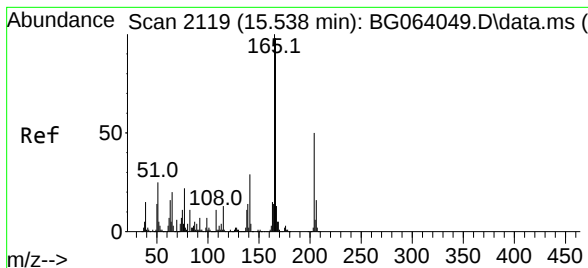


#60
Diethylphthalate
Concen: 41.103 ng
RT: 15.317 min Scan# 2081
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42



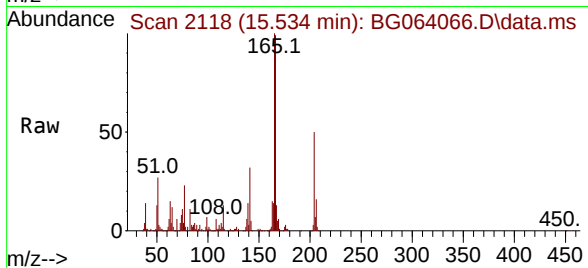
Tgt Ion:149 Resp: 365567
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.2
150 13.0 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 41.410 ng
RT: 15.534 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

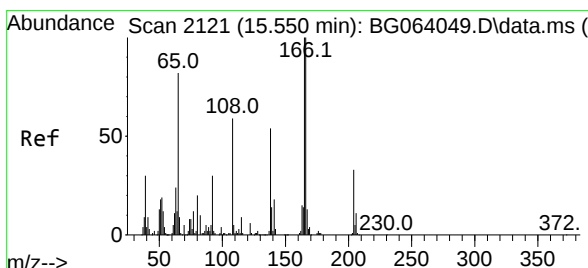
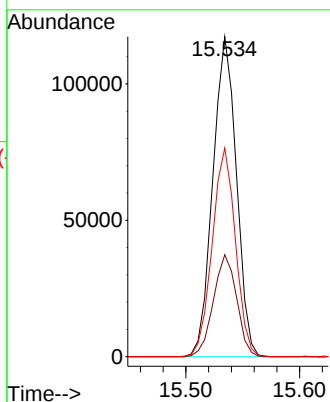
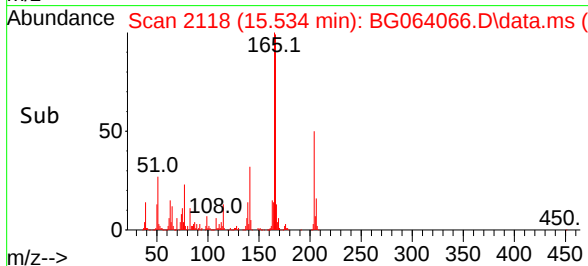
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



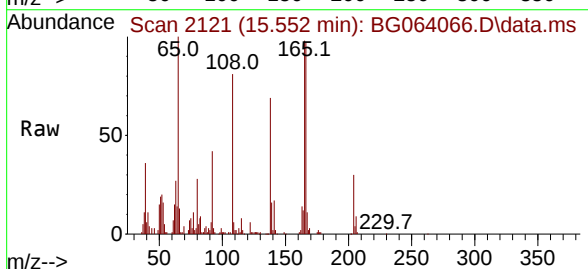
Tgt Ion:204 Resp: 168550
Ion Ratio Lower Upper
204 100
206 31.8 25.5 38.3
141 65.2 45.4 68.0

Manual Integrations
APPROVED

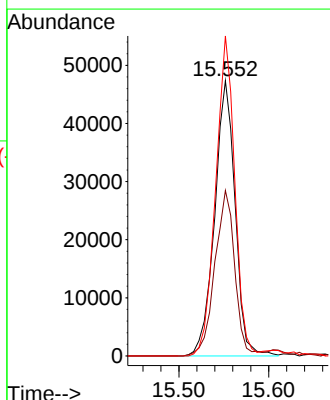
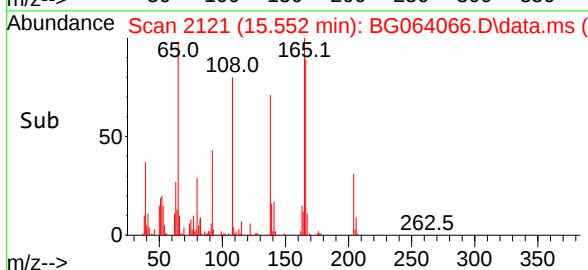
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

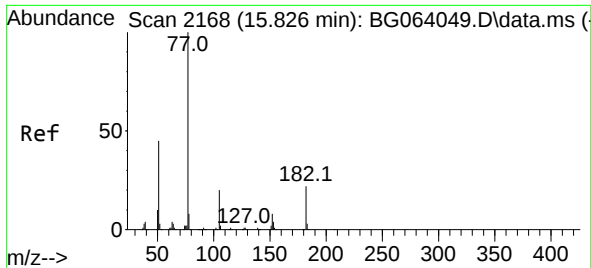


#62
4-Nitroaniline
Concen: 43.808 ng
RT: 15.552 min Scan# 2121
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42



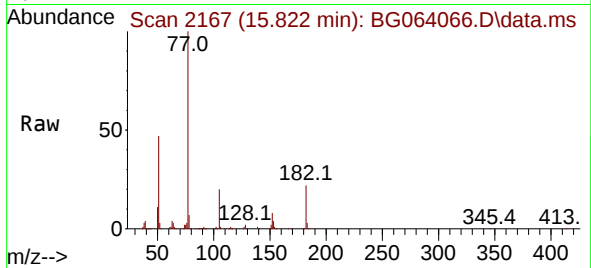
Tgt Ion:138 Resp: 74889
Ion Ratio Lower Upper
138 100
92 60.1 36.1 76.1
108 116.3 87.9 127.9





#63
Azobenzene
Concen: 43.506 ng
RT: 15.822 min Scan# 2168
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

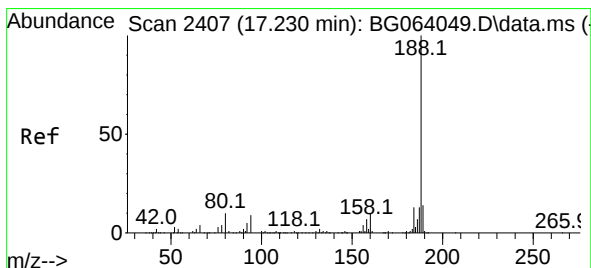
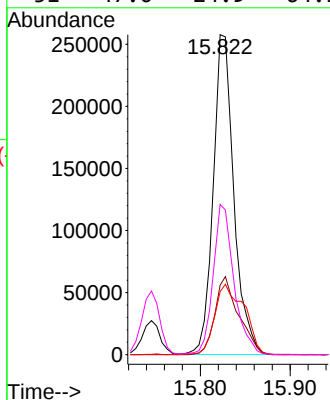
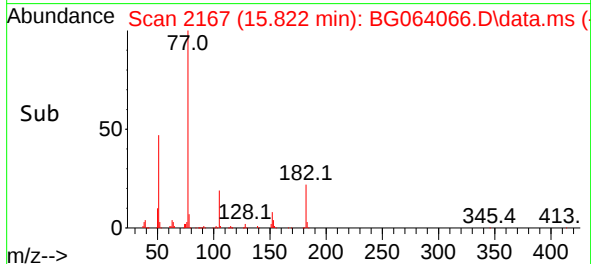
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



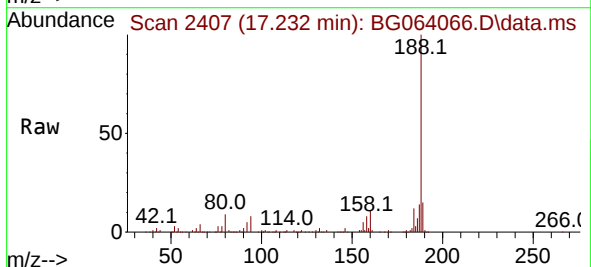
Tgt Ion: 77 Resp: 41289
Ion Ratio Lower Upper
77 100
182 21.7 2.4 42.4
105 19.7 0.0 40.0
51 47.0 24.9 64.9

Manual Integrations
APPROVED

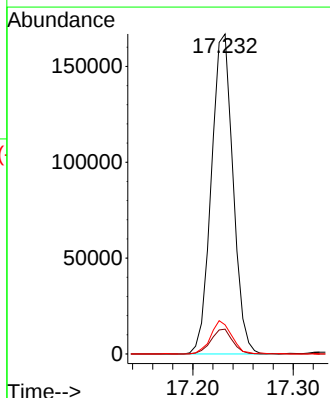
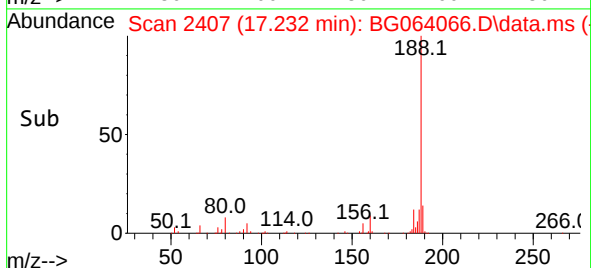
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

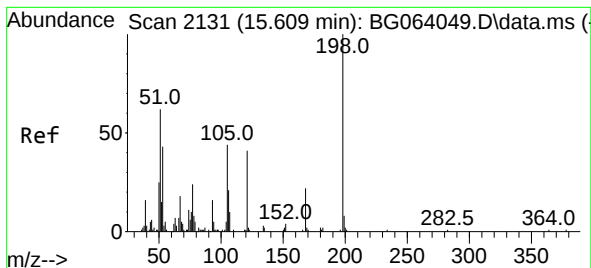


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.232 min Scan# 2407
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42



Tgt Ion:188 Resp: 250922
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 9.1 8.1 12.1





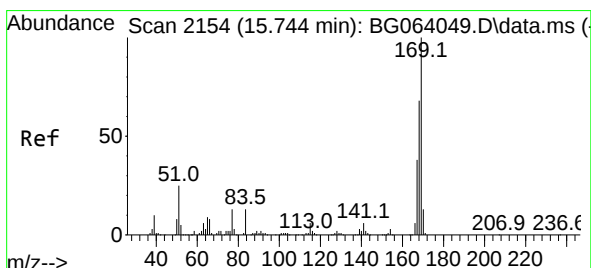
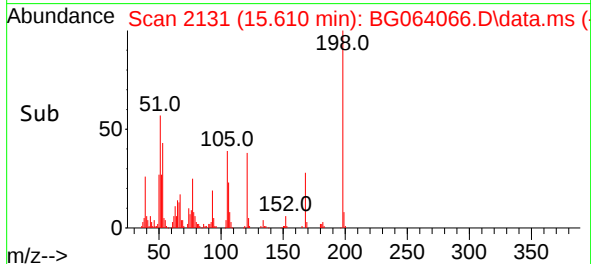
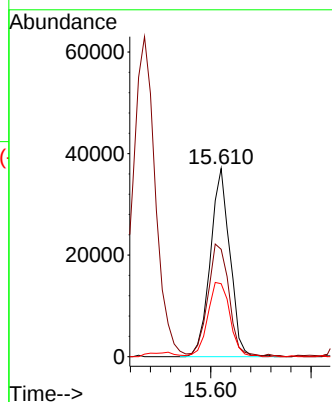
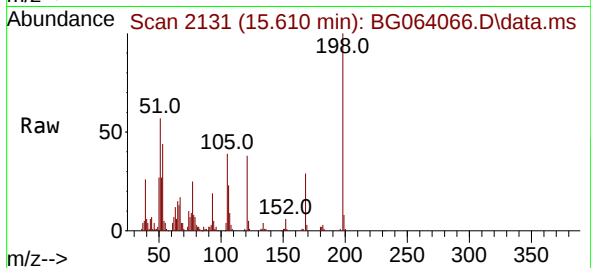
#65
4,6-Dinitro-2-methylphenol
Concen: 46.578 ng
RT: 15.610 min Scan# 2131
Delta R.T. 0.001 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS

Tgt Ion:198 Resp: 50174
Ion Ratio Lower Upper
198 100
51 57.0 45.6 85.6
105 38.8 25.3 65.3

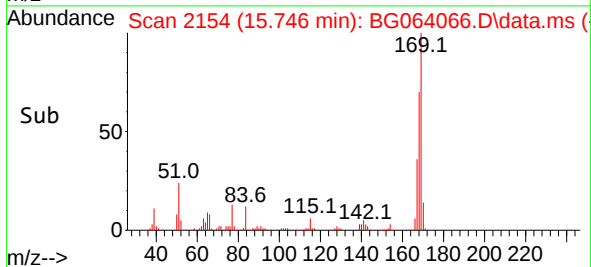
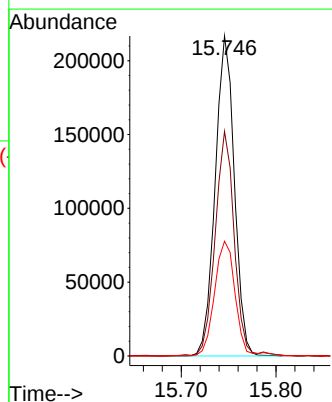
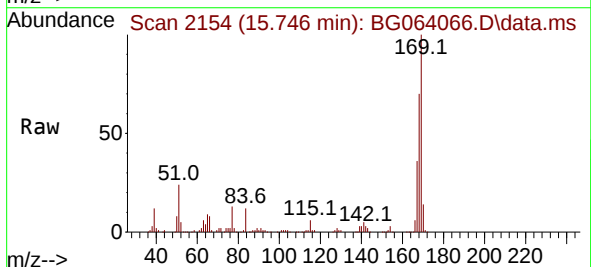
Manual Integrations
APPROVED

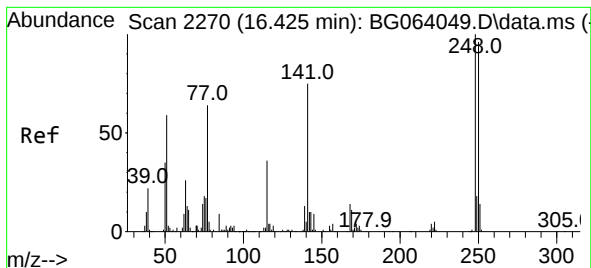
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#66
n-Nitrosodiphenylamine
Concen: 42.899 ng
RT: 15.746 min Scan# 2154
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

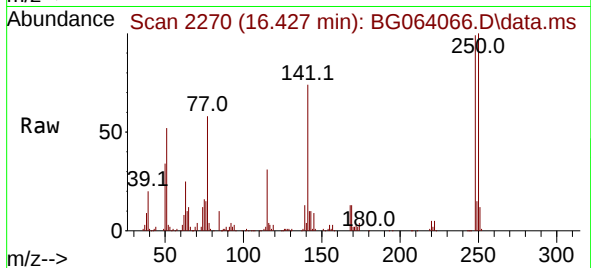
Tgt Ion:169 Resp: 304696
Ion Ratio Lower Upper
169 100
168 70.2 54.1 81.1
167 35.8 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 43.269 ng
RT: 16.427 min Scan# 2119
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

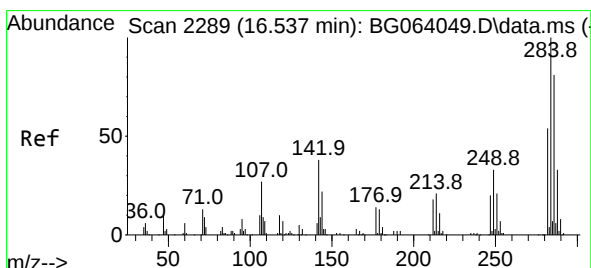
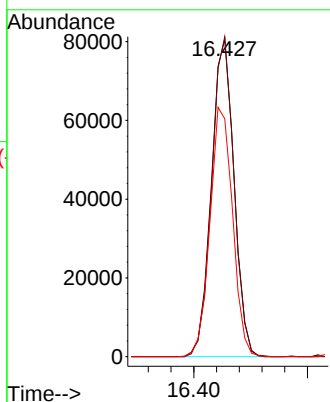
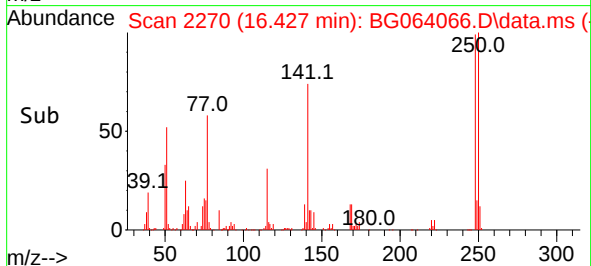
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



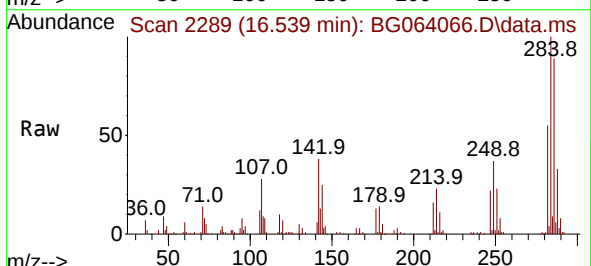
Tgt Ion:248 Resp: 111198
Ion Ratio Lower Upper
248 100
250 100.8 77.1 115.7
141 75.0 59.8 89.8

Manual Integrations
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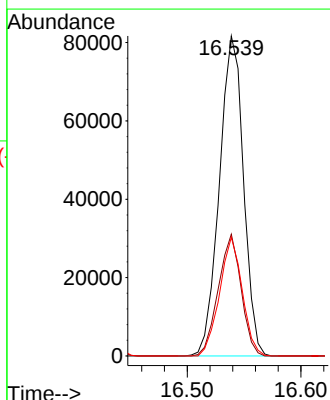
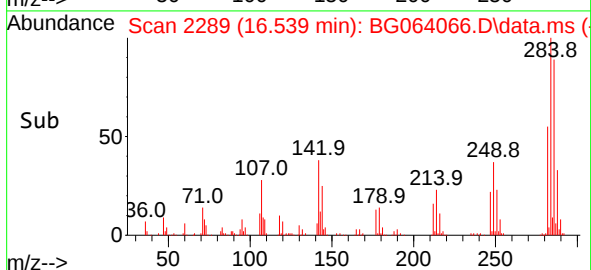
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

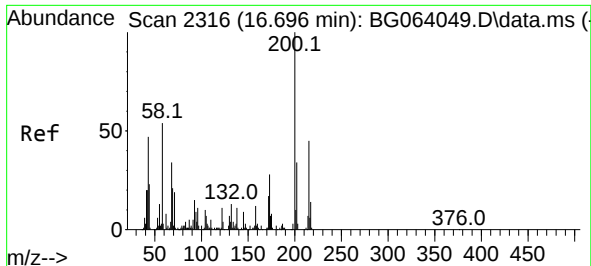


#68
Hexachlorobenzene
Concen: 41.797 ng
RT: 16.539 min Scan# 2289
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42



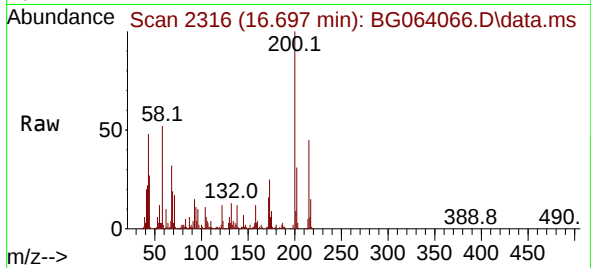
Tgt Ion:284 Resp: 120255
Ion Ratio Lower Upper
284 100
142 38.1 30.6 45.8
249 37.1 26.6 39.8





#69
 Atrazine
 Concen: 64.388 ng
 RT: 16.697 min Scan# 216
 Delta R.T. 0.001 min
 Lab File: BG064066.D
 Acq: 7 Mar 2025 19:42

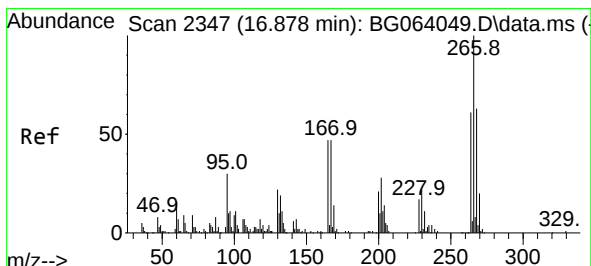
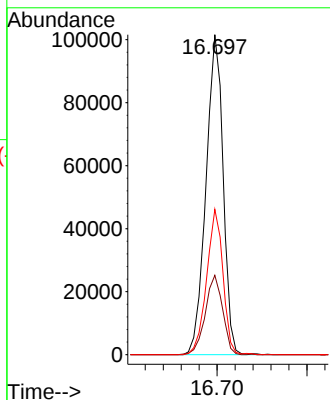
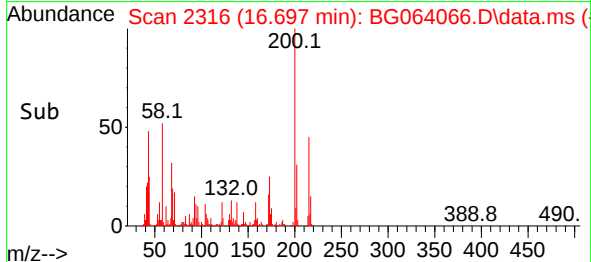
Instrument :
 BNA_G
 ClientSampleId :
 ENV-105-SB02MS



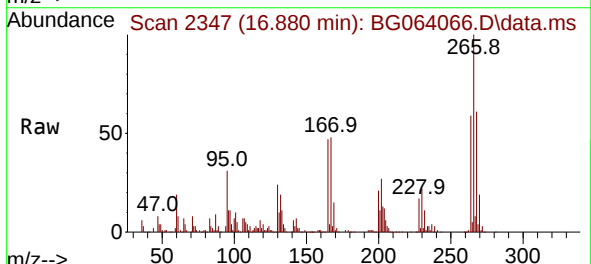
Tgt Ion:200 Resp: 13455
 Ion Ratio Lower Upper
 200 100
 173 24.8 8.2 48.2
 215 45.4 25.5 65.5

Manual Integrations
 APPROVED

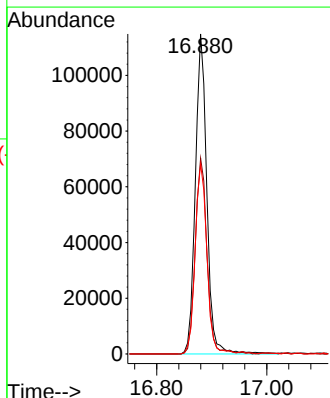
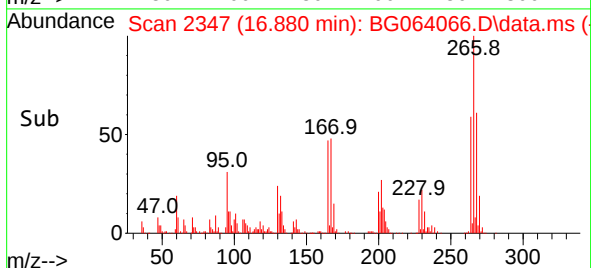
Reviewed By :Anahy Claudio 03/10/2025
 Supervised By :Jagrut Upadhyay 03/10/2025

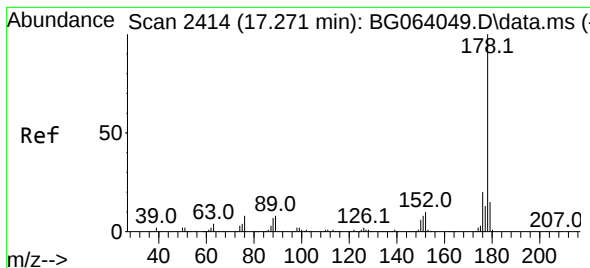


#70
 Pentachlorophenol
 Concen: 92.844 ng
 RT: 16.880 min Scan# 2347
 Delta R.T. 0.002 min
 Lab File: BG064066.D
 Acq: 7 Mar 2025 19:42



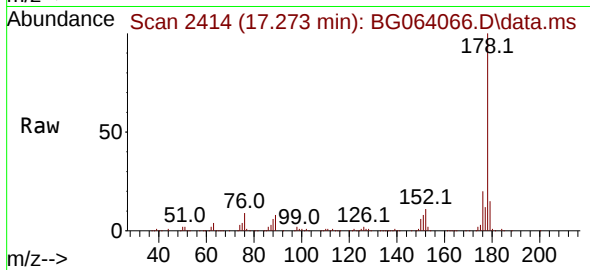
Tgt Ion:266 Resp: 165854
 Ion Ratio Lower Upper
 266 100
 268 61.2 50.2 75.4
 264 59.3 48.9 73.3





#71
Phenanthrene
Concen: 42.750 ng
RT: 17.273 min Scan# 2414
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

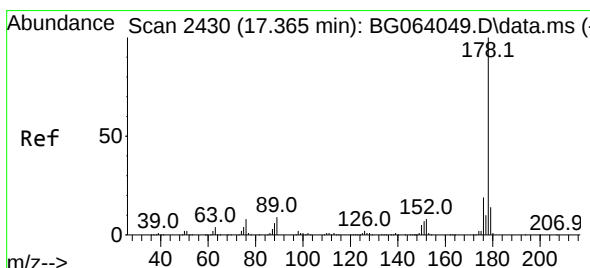
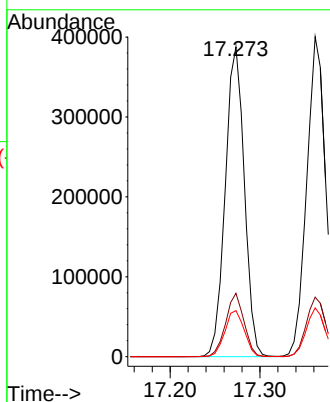
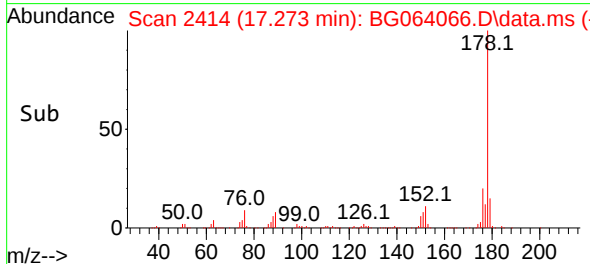
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



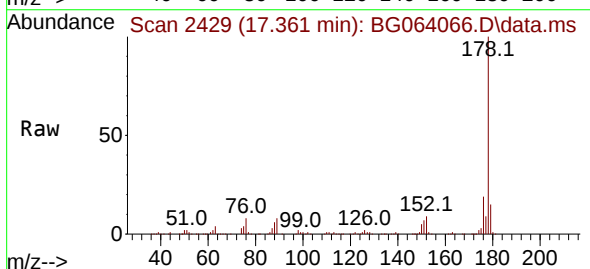
Tgt Ion:178 Resp: 572145
Ion Ratio Lower Upper
178 100
176 20.5 15.9 23.9
179 14.9 12.2 18.2

Manual Integrations
APPROVED

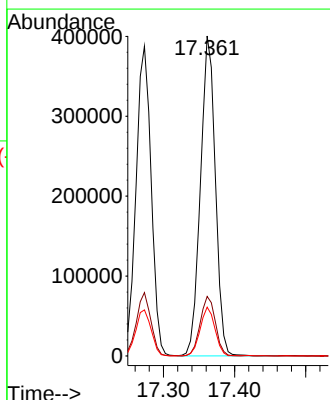
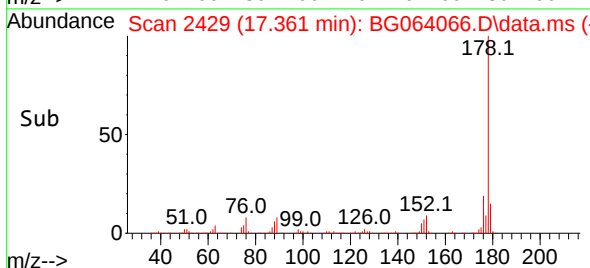
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

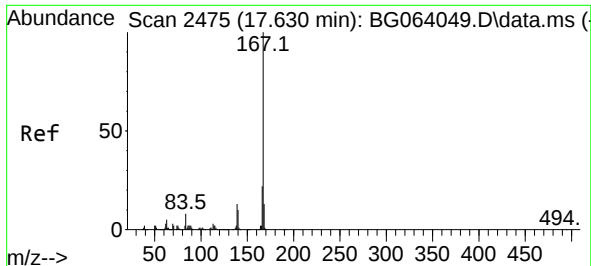


#72
Anthracene
Concen: 43.941 ng
RT: 17.361 min Scan# 2429
Delta R.T. -0.004 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42



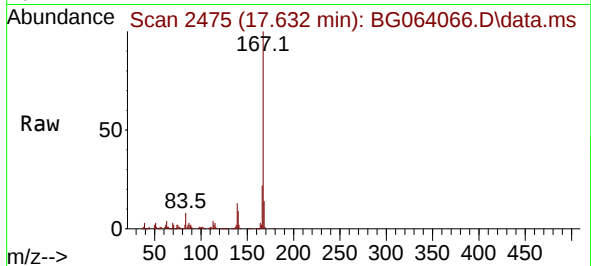
Tgt Ion:178 Resp: 584769
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.2 11.5 17.3





#73
 Carbazole
 Concen: 42.172 ng
 RT: 17.632 min Scan# 2475
 Delta R.T. 0.002 min
 Lab File: BG064066.D
 Acq: 7 Mar 2025 19:42

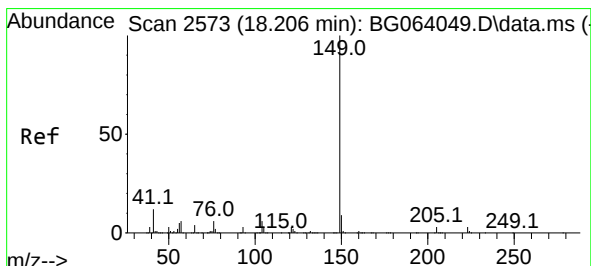
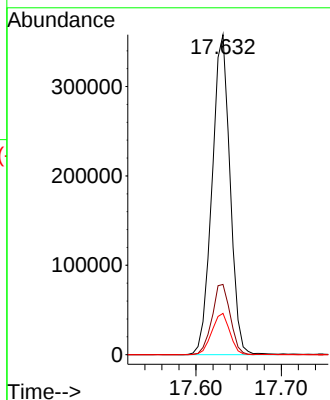
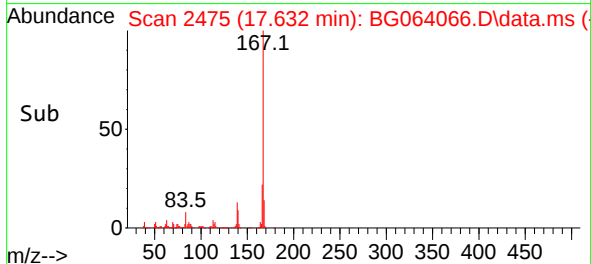
Instrument :
 BNA_G
 ClientSampleId :
 ENV-105-SB02MS



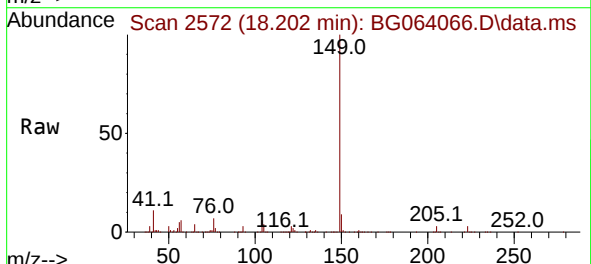
Tgt Ion:167 Resp: 523997
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 12.9 10.6 15.8

Manual Integrations
 APPROVED

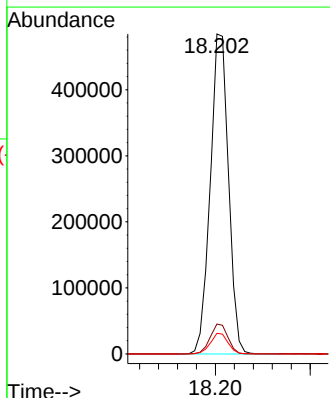
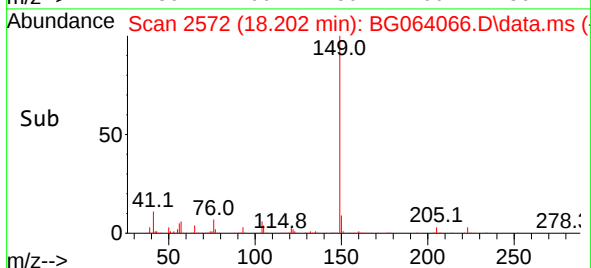
Reviewed By :Anahy Claudio 03/10/2025
 Supervised By :Jagrut Upadhyay 03/10/2025

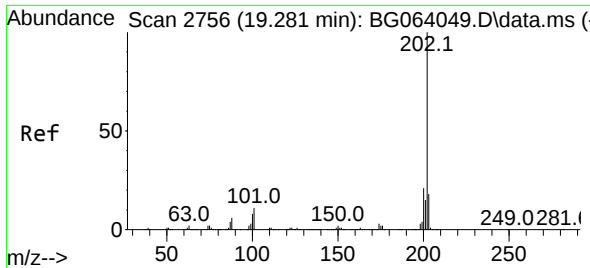


#74
 Di-n-butylphthalate
 Concen: 44.191 ng
 RT: 18.202 min Scan# 2572
 Delta R.T. -0.004 min
 Lab File: BG064066.D
 Acq: 7 Mar 2025 19:42



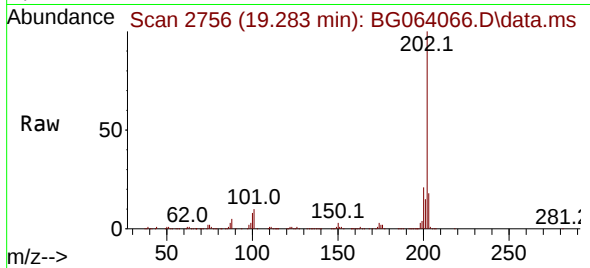
Tgt Ion:149 Resp: 646327
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 6.4 5.0 7.6





#75
Fluoranthene
Concen: 41.895 ng
RT: 19.283 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

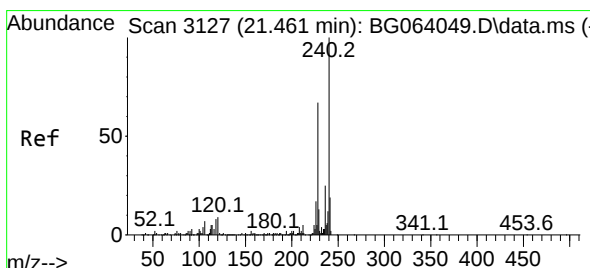
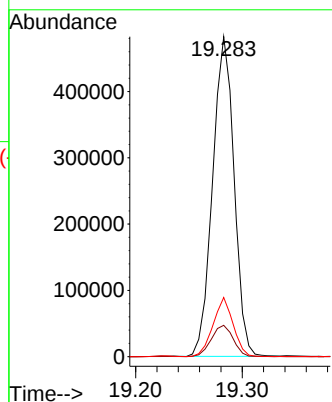
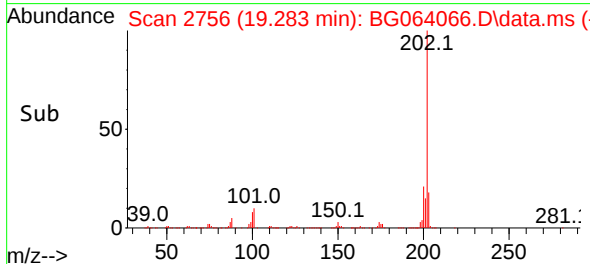
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



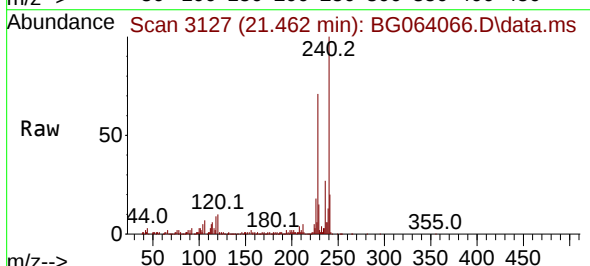
Tgt Ion:202 Resp: 67597
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.5
203 18.5 0.0 38.3

Manual Integrations
APPROVED

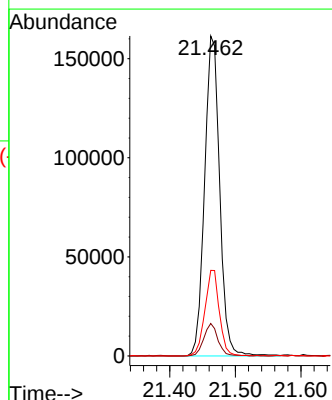
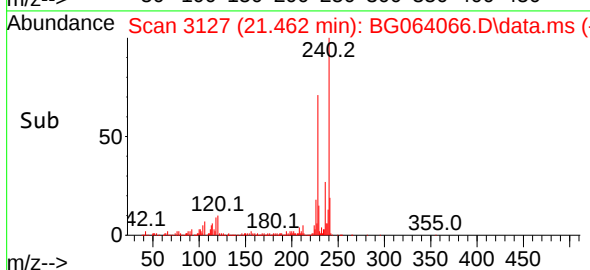
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

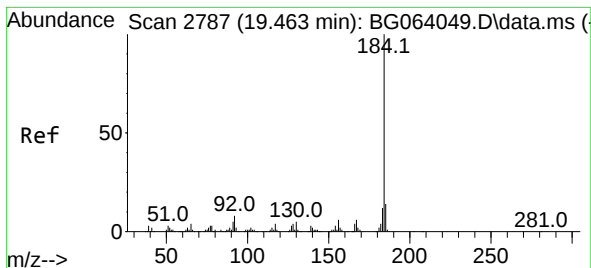


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3127
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42



Tgt Ion:240 Resp: 258735
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 26.8 20.2 30.2





#77

Benzidine

Concen: 71.481 ng

RT: 19.465 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG064066.D

Acq: 7 Mar 2025 19:42

Instrument :

BNA_G

ClientSampleId :

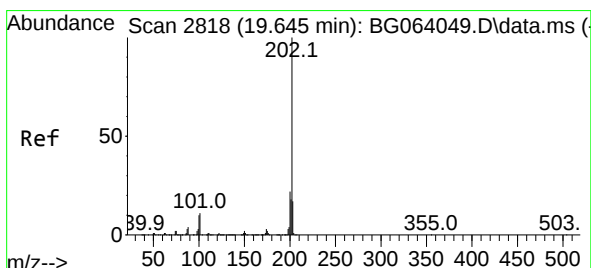
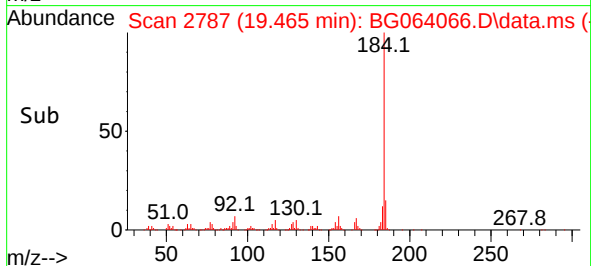
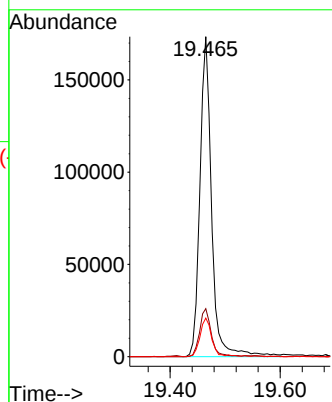
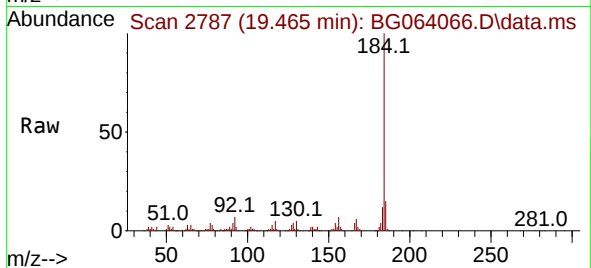
ENV-105-SB02MS

Tgt Ion:184 Resp: 256098
 Ion Ratio Lower Upper
 184 100
 185 15.0 11.3 16.9
 183 12.0 9.5 14.3

Manual Integrations

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Reviewed By :Anahy Claudio 03/10/2025
 Supervised By :Jagrut Upadhyay 03/10/2025



#78

Pyrene

Concen: 42.513 ng

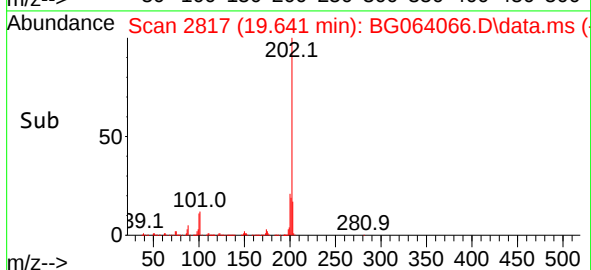
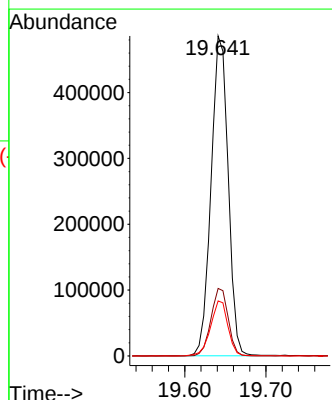
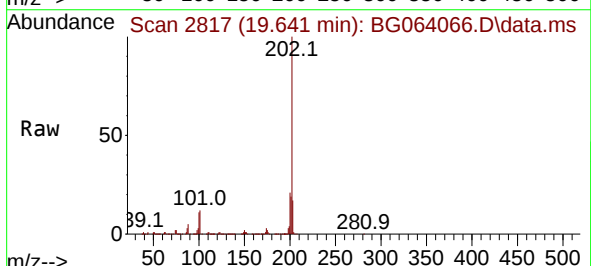
RT: 19.641 min Scan# 2817

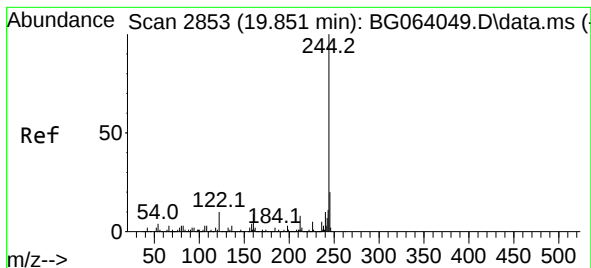
Delta R.T. -0.004 min

Lab File: BG064066.D

Acq: 7 Mar 2025 19:42

Tgt Ion:202 Resp: 709058
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.3 25.9
 203 17.2 13.6 20.4





#79

Terphenyl-d14

Concen: 55.218 ng

RT: 19.853 min Scan# 2853

Delta R.T. 0.002 min

Lab File: BG064066.D

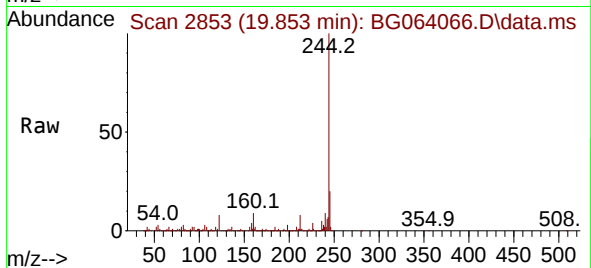
Acq: 7 Mar 2025 19:42

Instrument :

BNA_G

ClientSampleId :

ENV-105-SB02MS



Tgt Ion:244 Resp: 706569

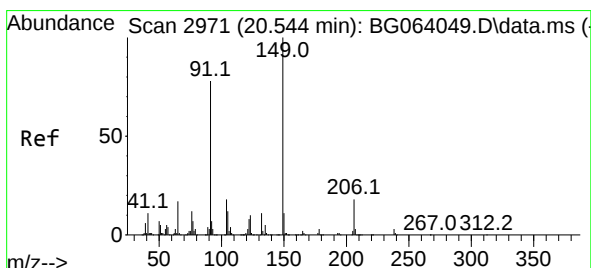
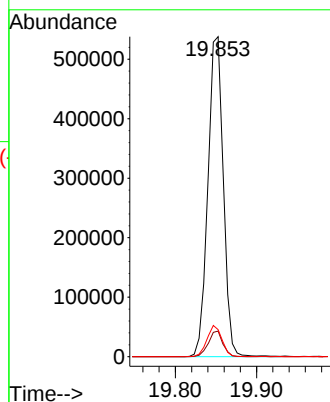
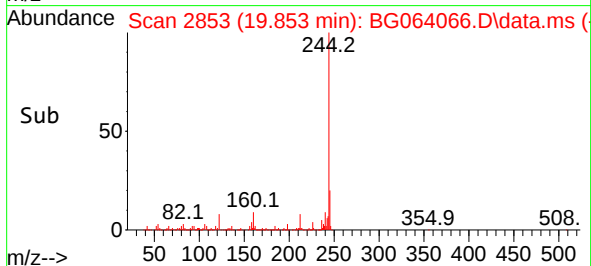
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.4
122	8.5	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025

Supervised By :Jagrut Upadhyay 03/10/2025



#80

Butylbenzylphthalate

Concen: 45.708 ng

RT: 20.546 min Scan# 2971

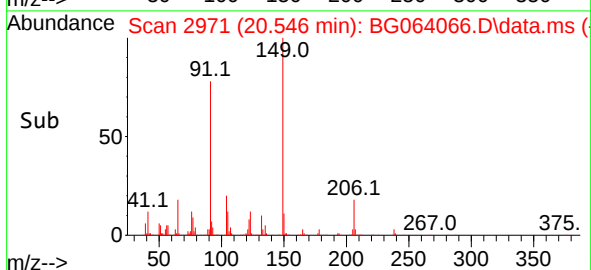
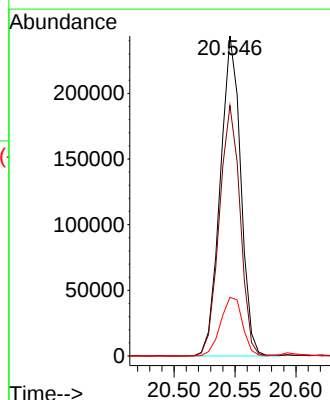
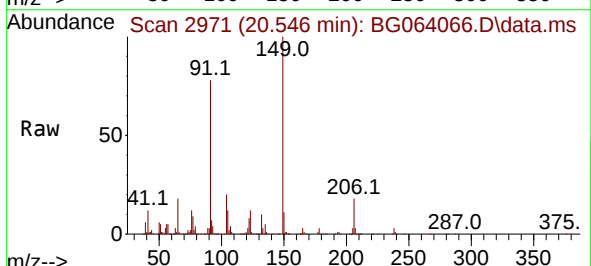
Delta R.T. 0.002 min

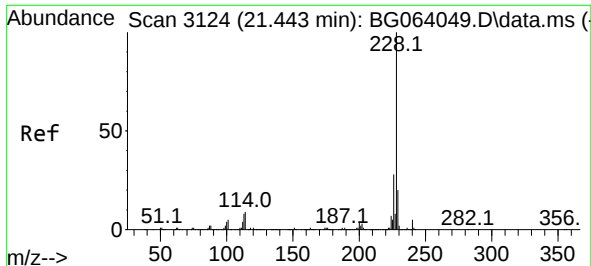
Lab File: BG064066.D

Acq: 7 Mar 2025 19:42

Tgt Ion:149 Resp: 284887

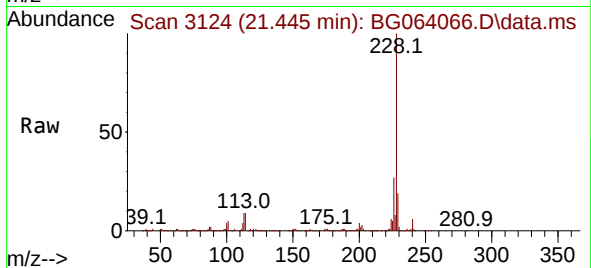
Ion	Ratio	Lower	Upper
149	100		
91	78.2	62.0	93.0
206	18.4	14.6	21.8





#81
Benzo(a)anthracene
Concen: 43.108 ng
RT: 21.445 min Scan# 3124
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

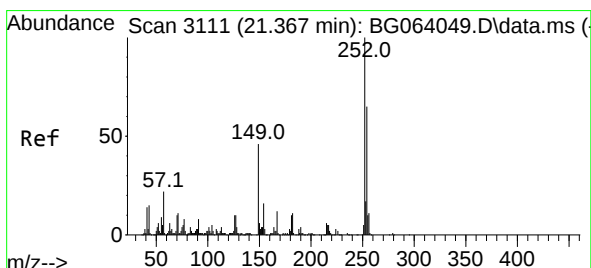
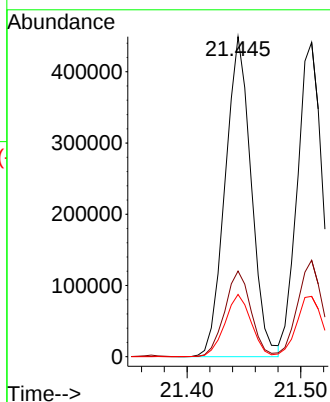
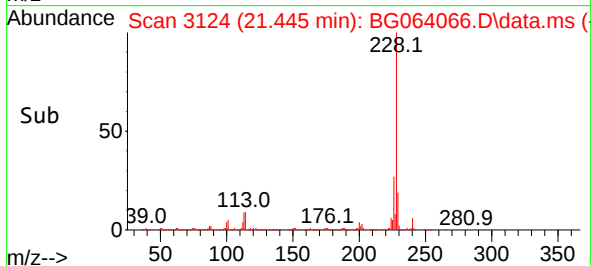
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



Tgt Ion:228 Resp: 714459
Ion Ratio Lower Upper
228 100
226 26.8 22.2 33.2
229 19.4 16.4 24.6

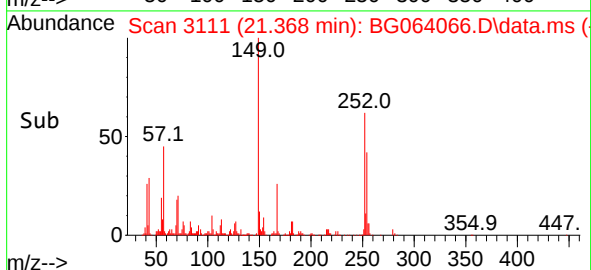
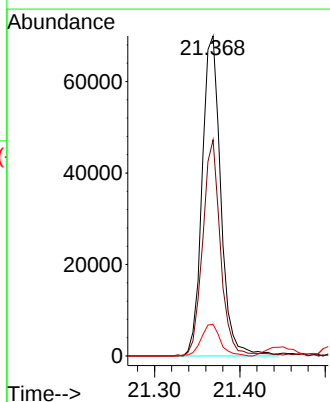
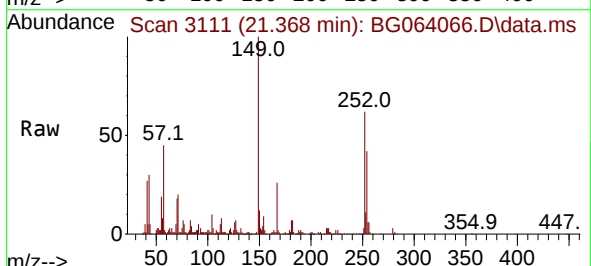
Manual Integrations
APPROVED

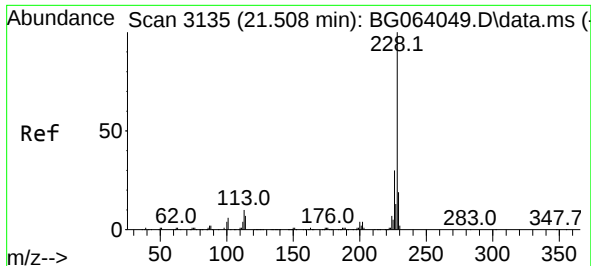
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 19.842 ng
RT: 21.368 min Scan# 3111
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

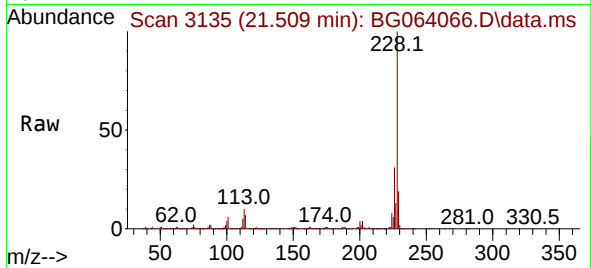
Tgt Ion:252 Resp: 106430
Ion Ratio Lower Upper
252 100
254 67.5 52.1 78.1
126 9.9 7.8 11.8





#83
Chrysene
Concen: 41.215 ng
RT: 21.509 min Scan# 3135
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

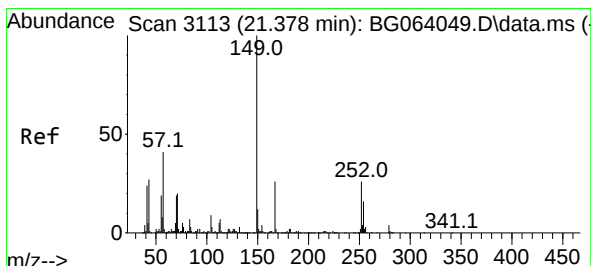
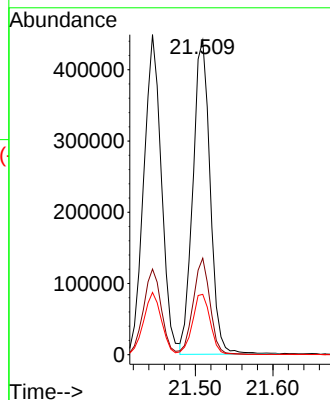
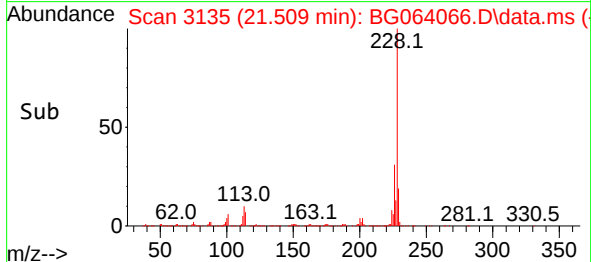
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



Tgt Ion:228 Resp: 681295
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 19.2 15.3 22.9

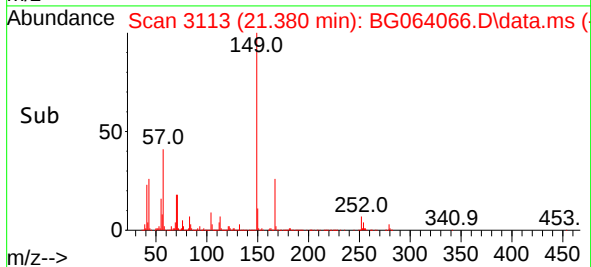
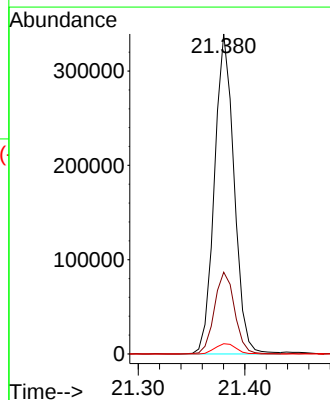
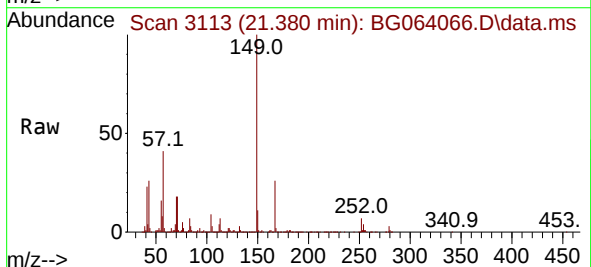
Manual Integrations
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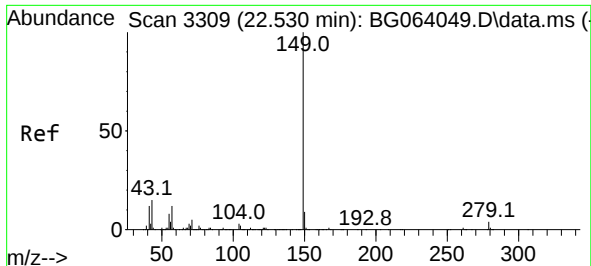
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.320 ng
RT: 21.380 min Scan# 3113
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

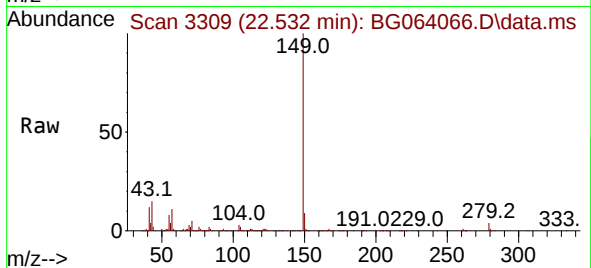
Tgt Ion:149 Resp: 433115
Ion Ratio Lower Upper
149 100
167 25.6 21.0 31.6
279 3.2 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 47.604 ng
RT: 22.532 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

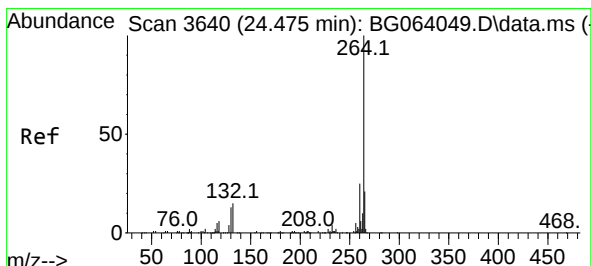
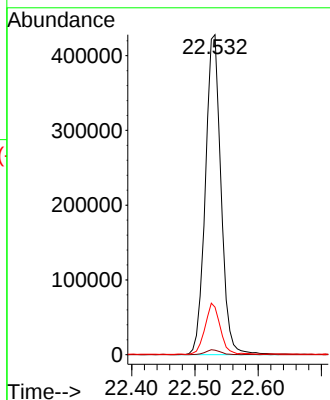
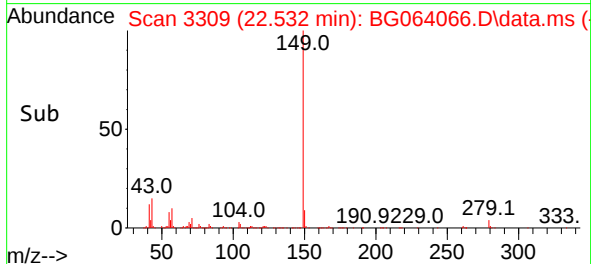
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



Tgt Ion:149 Resp: 735970
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 15.7 12.6 19.0

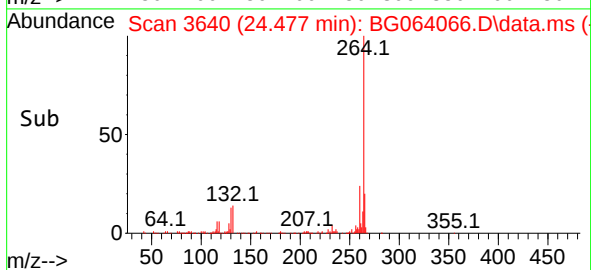
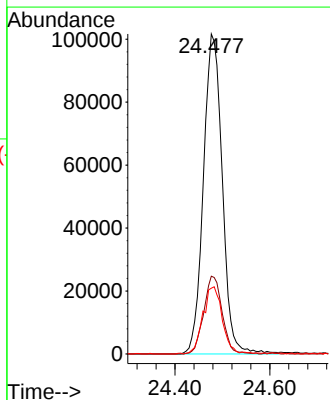
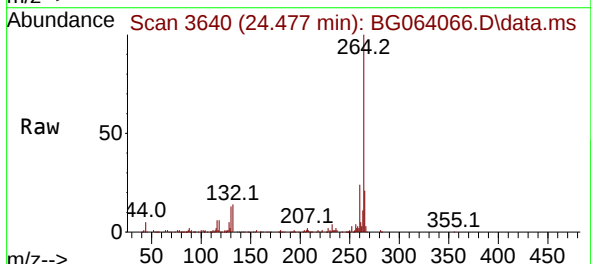
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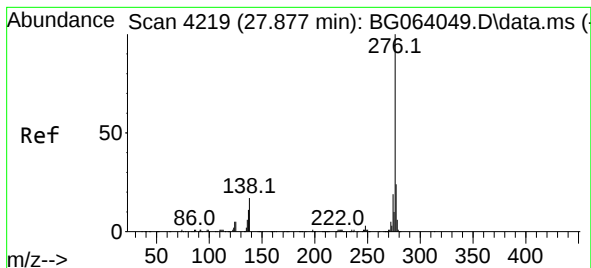
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3640
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

Tgt Ion:264 Resp: 281256
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 20.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.568 ng

RT: 27.884 min Scan# 41

Delta R.T. 0.008 min

Lab File: BG064066.D

Acq: 7 Mar 2025 19:42

Instrument :

BNA_G

ClientSampleId :

ENV-105-SB02MS

Tgt Ion:276 Resp: 838700

Ion Ratio Lower Upper

276 100

138 14.0 12.1 18.1

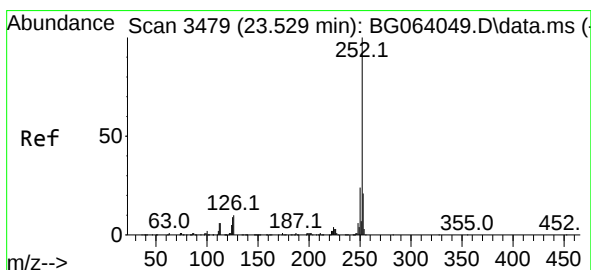
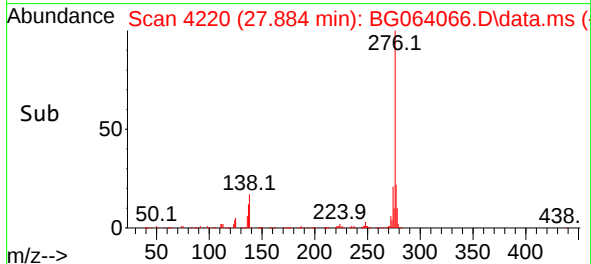
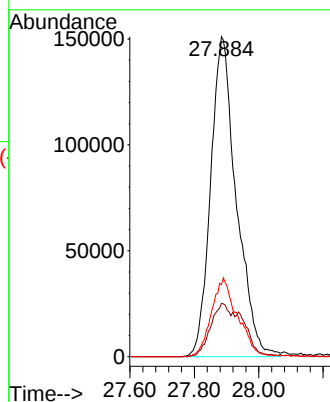
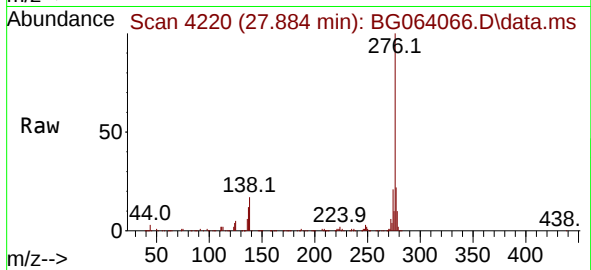
277 24.9 20.0 30.0

Manual Integrations

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Reviewed By :Anahy Claudio 03/10/2025

Supervised By :Jagrut Upadhyay 03/10/2025



#88

Benzo(b)fluoranthene

Concen: 41.741 ng

RT: 23.531 min Scan# 3479

Delta R.T. 0.002 min

Lab File: BG064066.D

Acq: 7 Mar 2025 19:42

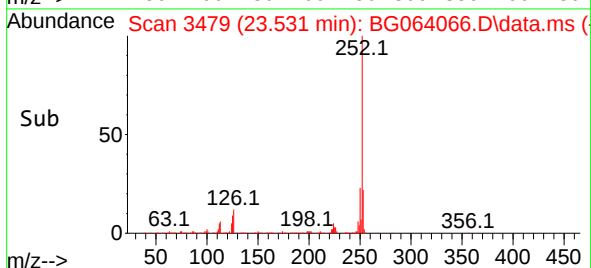
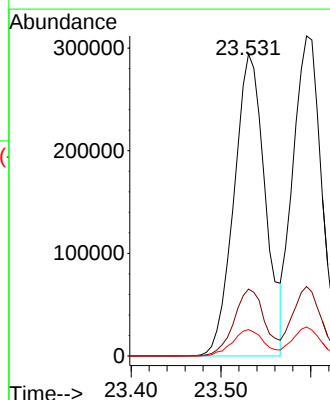
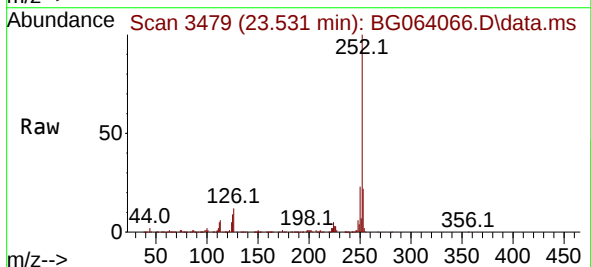
Tgt Ion:252 Resp: 709715

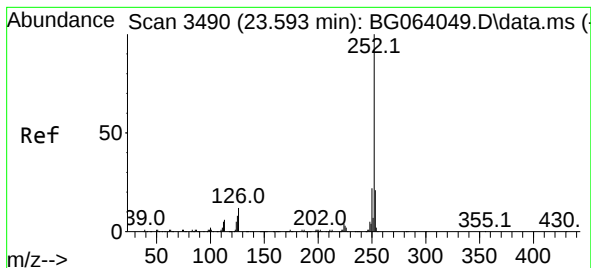
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 8.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 40.688 ng

RT: 23.595 min Scan# 3490

Delta R.T. 0.002 min

Lab File: BG064066.D

Acq: 7 Mar 2025 19:42

Instrument :

BNA_G

ClientSampleId :

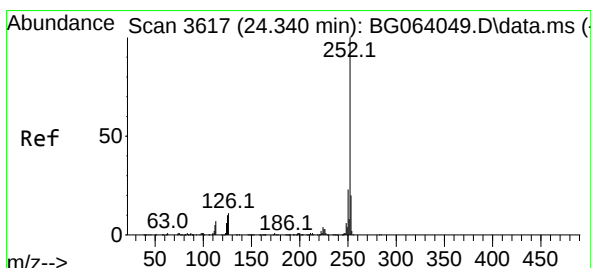
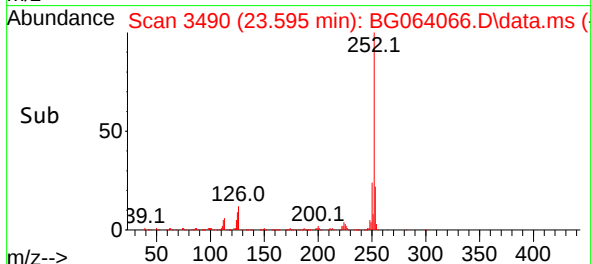
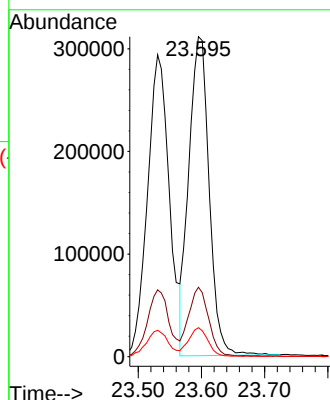
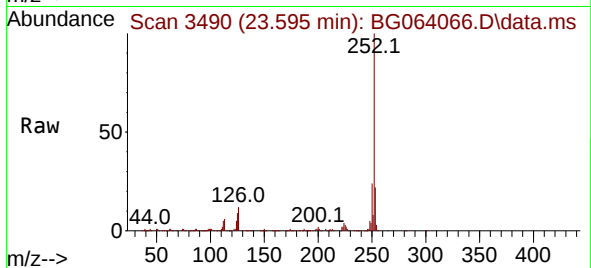
ENV-105-SB02MS

Tgt Ion:252 Resp: 694033
 Ion Ratio Lower Upper
 252 100
 253 21.7 16.8 25.2
 125 9.1 6.9 10.3

Manual Integrations

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Reviewed By :Anahy Claudio 03/10/2025
 Supervised By :Jagrut Upadhyay 03/10/2025



#90

Benzo(a)pyrene

Concen: 44.433 ng

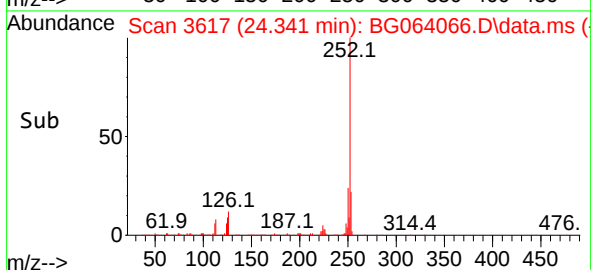
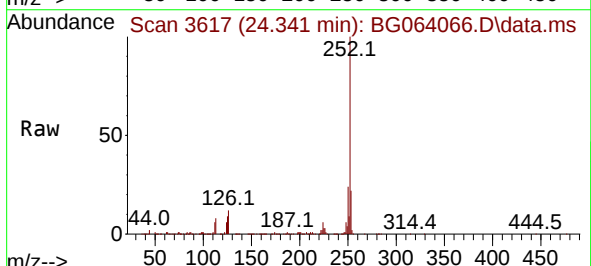
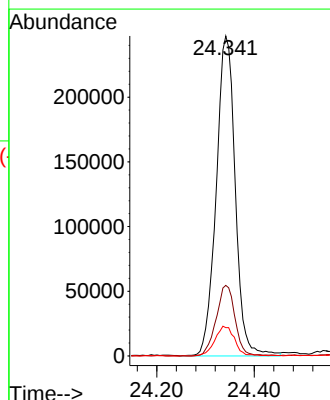
RT: 24.341 min Scan# 3617

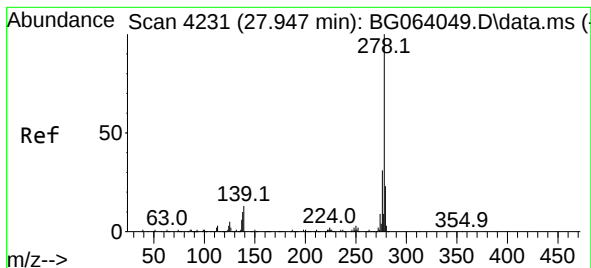
Delta R.T. 0.002 min

Lab File: BG064066.D

Acq: 7 Mar 2025 19:42

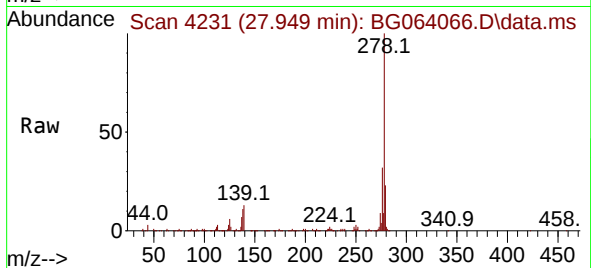
Tgt Ion:252 Resp: 672829
 Ion Ratio Lower Upper
 252 100
 253 22.1 16.2 24.2
 125 8.9 7.8 11.6





#91
Dibenzo(a,h)anthracene
Concen: 44.192 ng
RT: 27.949 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42

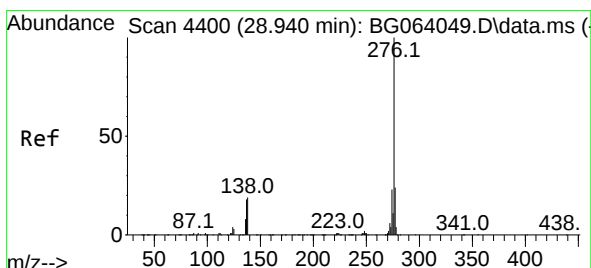
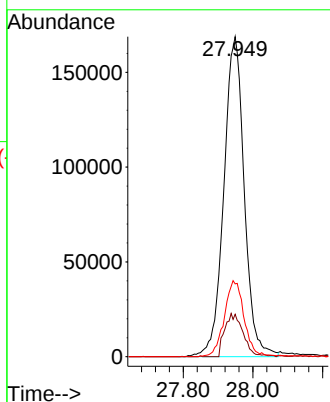
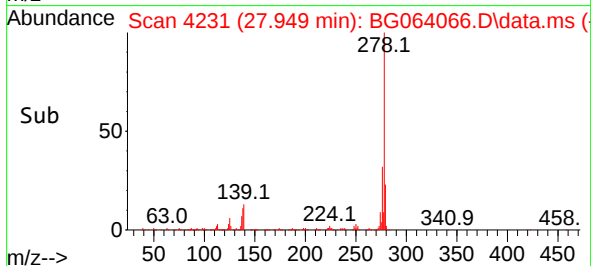
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS



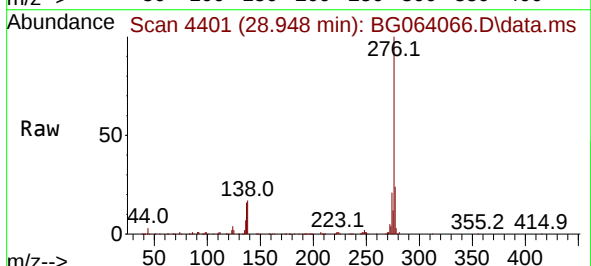
Tgt Ion:278 Resp: 68944
Ion Ratio Lower Upper
278 100
139 13.3 10.2 15.2
279 22.8 18.1 27.1

Manual Integrations
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Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025



#92
Benzo(g,h,i)perylene
Concen: 40.752 ng
RT: 28.948 min Scan# 4401
Delta R.T. 0.008 min
Lab File: BG064066.D
Acq: 7 Mar 2025 19:42



Tgt Ion:276 Resp: 652760
Ion Ratio Lower Upper
276 100
277 24.2 19.5 29.3
138 17.0 15.4 23.0

