

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064136.D
 Acq On : 1 Apr 2025 15:44
 Operator : RC/JU
 Sample : Q1664-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-001-01-06MSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 04/02/2025
 Supervised By :Jagrut Upadhyay 04/02/2025

Quant Time: Apr 01 16:29:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	32445	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	141900	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	97582	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	230185	20.000	ng	0.00
76) Chrysene-d12	21.454	240	254217	20.000	ng	0.00
86) Perylene-d12	24.462	264	279147	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.449	112	129339	62.246	ng	0.00
7) Phenol-d6	7.024	99	100183	35.441	ng	0.00
23) Nitrobenzene-d5	9.010	82	299411	116.603	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	210031	193.632	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	672154	104.553	ng	0.00
79) Terphenyl-d14	19.844	244	1323945	105.304	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	15089	16.023	ng	93
3) Pyridine	3.757	79	40455	17.664	ng	95
4) n-Nitrosodimethylamine	3.669	42	30671	18.744	ng	98
6) Aniline	7.182	93	69093	24.909	ng	95
8) 2-Chlorophenol	7.423	128	94084	42.159	ng	96
9) Benzaldehyde	7.000	77	84183	51.206	ng	97
10) Phenol	7.047	94	40002	13.822	ng	95
11) bis(2-Chloroethyl)ether	7.282	93	106739	47.043	ng	95
12) 1,3-Dichlorobenzene	7.752	146	91380	37.288	ng	97
13) 1,4-Dichlorobenzene	7.899	146	95852	38.159	ng	97
14) 1,2-Dichlorobenzene	8.211	146	96765	39.950	ng	97
15) Benzyl Alcohol	8.093	79	78176	35.789	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.387	45	241066m	47.251	ng	
17) 2-Methylphenol	8.299	107	67636	35.212	ng	94
18) Hexachloroethane	8.939	117	33724	38.373	ng	94
19) n-Nitroso-di-n-propyla...	8.663	70	105081	52.969	ng	95
20) 3+4-Methylphenols	8.622	107	80940	30.609	ng	95
22) Acetophenone	8.675	105	199860	51.370	ng	# 96
24) Nitrobenzene	9.051	77	151097	56.939	ng	97
25) Isophorone	9.580	82	288079	56.052	ng	96
26) 2-Nitrophenol	9.762	139	58921	60.582	ng	# 92
27) 2,4-Dimethylphenol	9.826	122	104437	67.783	ng	97
28) bis(2-Chloroethoxy)met...	10.061	93	160057	51.367	ng	98
29) 2,4-Dichlorophenol	10.290	162	108281	55.657	ng	97
30) 1,2,4-Trichlorobenzene	10.514	180	105376	44.868	ng	99
31) Naphthalene	10.696	128	356563	46.599	ng	99
32) Benzoic acid	9.909	122	21042m	20.869	ng	
33) 4-Chloroaniline	10.796	127	60514	21.638	ng	97
34) Hexachlorobutadiene	10.990	225	65720	42.692	ng	95
35) Caprolactam	11.565	113	7606m	10.202	ng	
36) 4-Chloro-3-methylphenol	11.924	107	126660	49.667	ng	100
37) 2-Methylnaphthalene	12.306	142	253060	46.848	ng	99
38) 1-Methylnaphthalene	12.529	142	265405	50.151	ng	98
40) 1,2,4,5-Tetrachloroben...	12.676	216	144027	51.699	ng	98
41) Hexachlorocyclopentadiene	12.664	237	186029	237.253	ng	92
43) 2,4,6-Trichlorophenol	12.911	196	104057	63.375	ng	93

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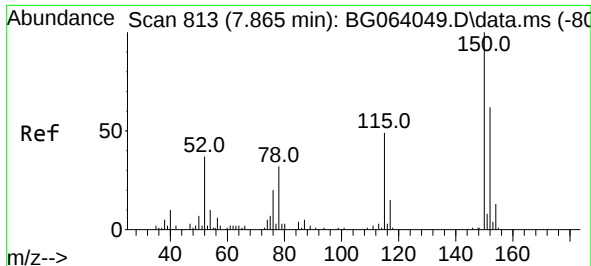
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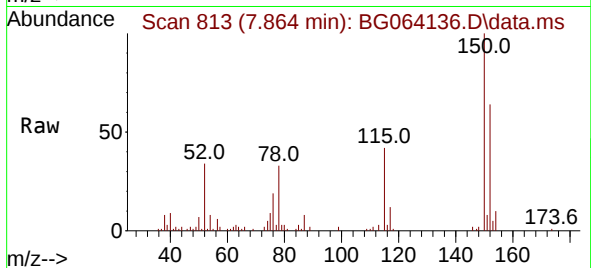
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	113775	62.363	ng	99
46) 1,1'-Biphenyl	13.322	154	399444	54.181	ng	99
47) 2-Chloronaphthalene	13.357	162	288267	53.612	ng	96
48) 2-Nitroaniline	13.557	65	117324	62.103	ng	97
49) Acenaphthylene	14.209	152	505558	59.444	ng	98
50) Dimethylphthalate	13.945	163	411716	57.157	ng	98
51) 2,6-Dinitrotoluene	14.057	165	89010	60.006	ng	94
52) Acenaphthene	14.550	154	306320	53.668	ng	99
53) 3-Nitroaniline	14.380	138	42484	30.516	ng	# 95
54) 2,4-Dinitrophenol	14.591	184	94881	148.264	ng	# 70
55) Dibenzofuran	14.885	168	485853	52.546	ng	97
56) 4-Nitrophenol	14.691	139	46751	40.041	ng	# 87
57) 2,4-Dinitrotoluene	14.844	165	128791	62.667	ng	# 96
58) Fluorene	15.531	166	403841	56.077	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.108	232	114658	64.466	ng	94
60) Diethylphthalate	15.314	149	440628	56.347	ng	99
61) 4-Chlorophenyl-phenyle...	15.531	204	193862	54.171	ng	93
62) 4-Nitroaniline	15.549	138	89173	59.328	ng	94
63) Azobenzene	15.819	77	450900	54.036	ng	97
65) 4,6-Dinitro-2-methylph...	15.608	198	75669	71.307	ng	97
66) n-Nitrosodiphenylamine	15.743	169	363176	55.739	ng	98
67) 4-Bromophenyl-phenylether	16.419	248	135154	57.329	ng	94
68) Hexachlorobenzene	16.536	284	148071	56.101	ng	98
69) Atrazine	16.695	200	157650	82.233	ng	95
70) Pentachlorophenol	16.877	266	214754	131.048	ng	99
71) Phenanthrene	17.271	178	714802	58.220	ng	99
72) Anthracene	17.359	178	721645	59.111	ng	98
73) Carbazole	17.623	167	687587	60.323	ng	98
74) Di-n-butylphthalate	18.199	149	836411	62.339	ng	100
75) Fluoranthene	19.280	202	867550	58.612	ng	96
77) Benzidine	19.456	184	92624	26.312	ng	97
78) Pyrene	19.638	202	896907	54.732	ng	99
80) Butylbenzylphthalate	20.537	149	386471	61.723	ng	94
81) Benzo(a)anthracene	21.436	228	943149	57.917	ng	98
82) 3,3'-Dichlorobenzidine	21.360	252	178281	33.828	ng	99
83) Chrysene	21.501	228	890505	54.829	ng	98
84) Bis(2-ethylhexyl)phtha...	21.372	149	573663	65.138	ng	99
85) Di-n-octyl phthalate	22.511	149	995308	65.521	ng	98
87) Indeno(1,2,3-cd)pyrene	27.870	276	1108149	59.332	ng	99
88) Benzo(b)fluoranthene	23.522	252	922469	54.663	ng	98
89) Benzo(k)fluoranthene	23.581	252	943597	55.737	ng	99
90) Benzo(a)pyrene	24.333	252	899894	59.877	ng	98
91) Dibenzo(a,h)anthracene	27.929	278	912813	58.952	ng	99
92) Benzo(g,h,i)perylene	28.927	276	894624	56.274	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

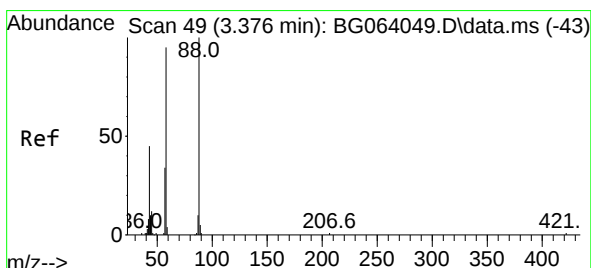
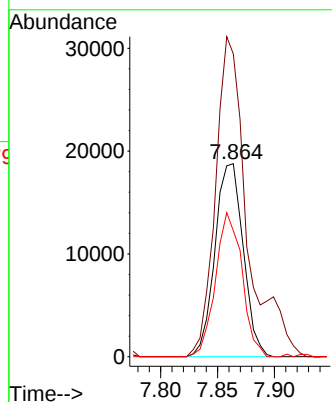
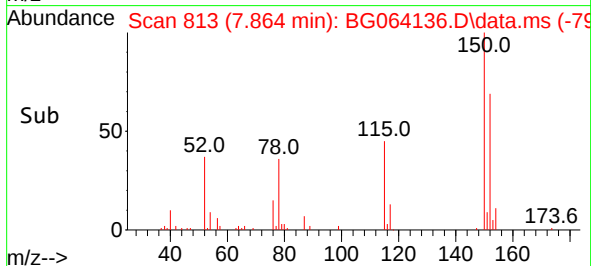
Instrument :
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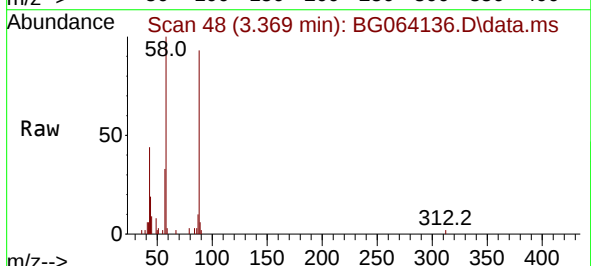
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Ion Ratio Lower Upper
152 100
150 156.9 129.2 193.8
115 65.3 63.0 94.6

Manual Integrations
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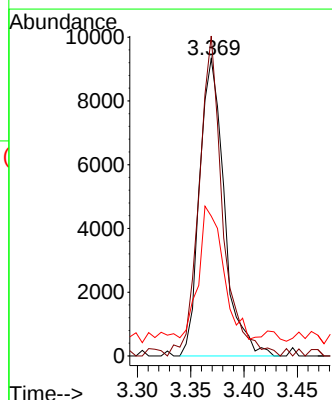
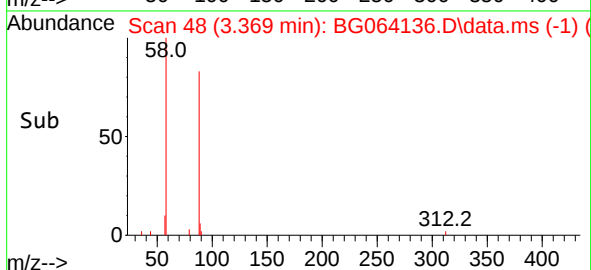
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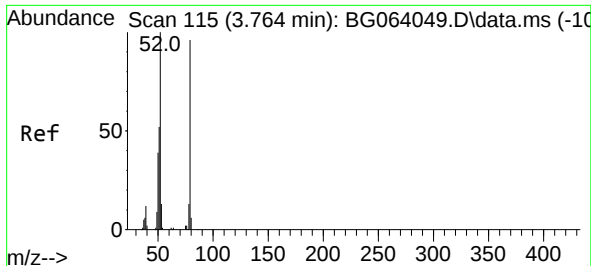


#2
1,4-Dioxane
Concen: 16.023 ng
RT: 3.369 min Scan# 48
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44



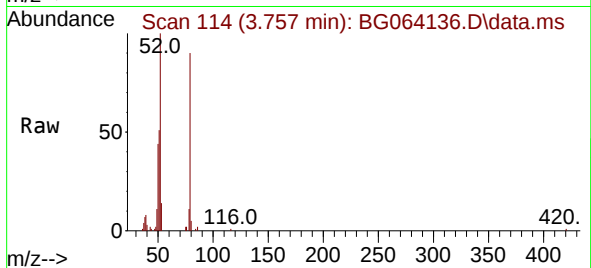
Tgt Ion: 88 Resp: 15089
Ion Ratio Lower Upper
88 100
58 102.7 74.6 111.8
43 43.1 35.5 53.3





#3
Pyridine
Concen: 17.664 ng
RT: 3.757 min Scan# 115
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

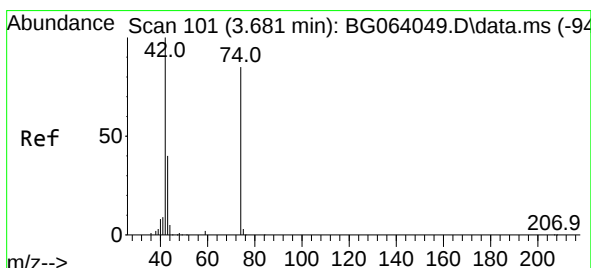
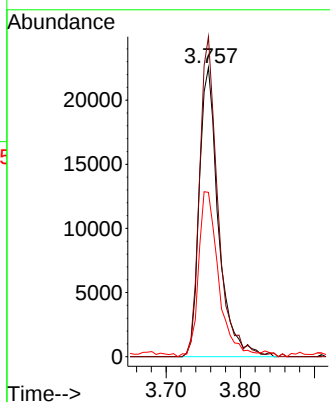
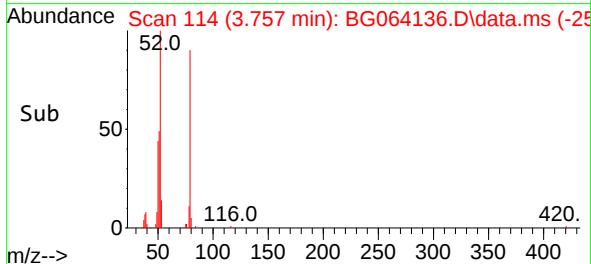
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion: 79 Resp: 40458
Ion Ratio Lower Upper
79 100
52 110.7 83.0 124.6
51 56.8 44.3 66.5

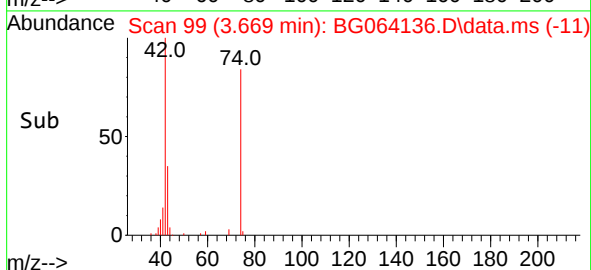
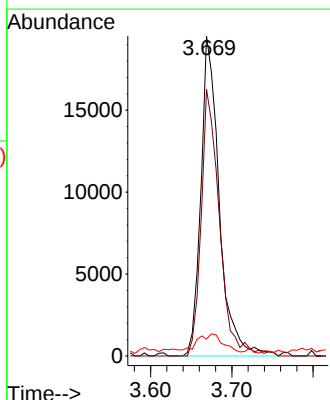
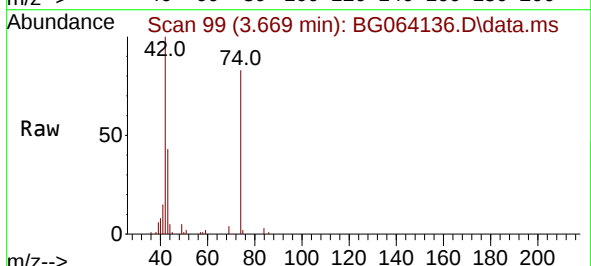
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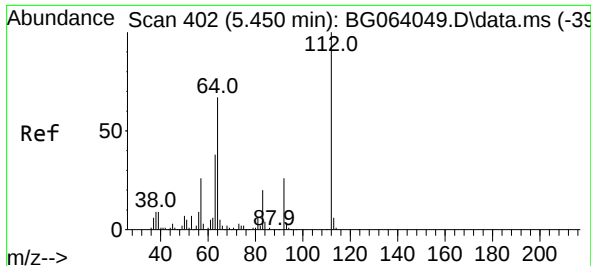
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#4
n-Nitrosodimethylamine
Concen: 18.744 ng
RT: 3.669 min Scan# 99
Delta R.T. -0.013 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

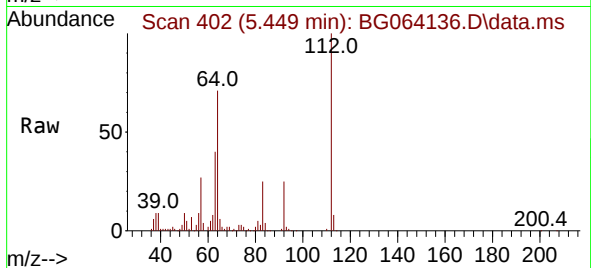
Tgt Ion: 42 Resp: 30671
Ion Ratio Lower Upper
42 100
74 83.3 68.0 102.0
44 5.3 4.9 7.3





#5
2-Fluorophenol
Concen: 62.246 ng
RT: 5.449 min Scan# 402
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

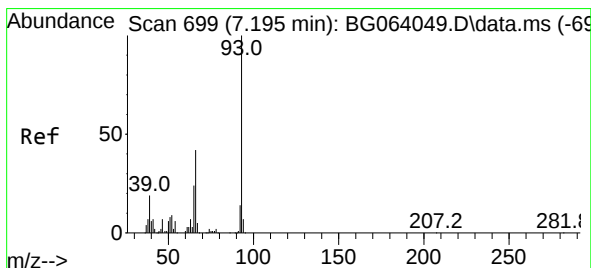
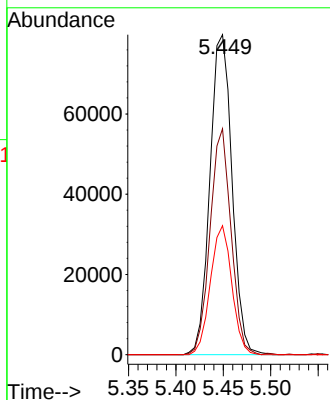
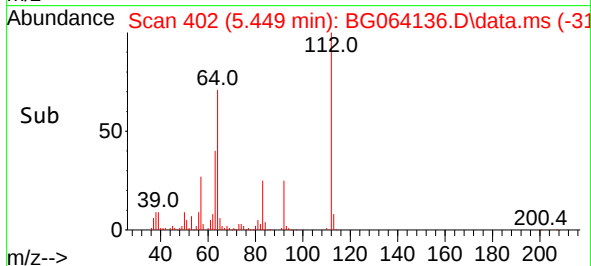
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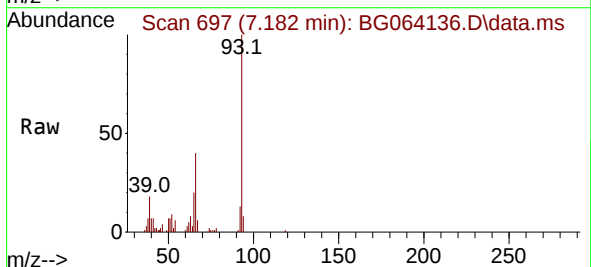
Tgt Ion: 112 Resp: 129339
Ion Ratio Lower Upper
112 100
64 70.6 53.7 80.5
63 40.3 30.2 45.4

Manual Integrations
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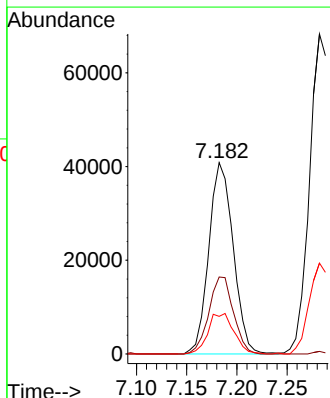
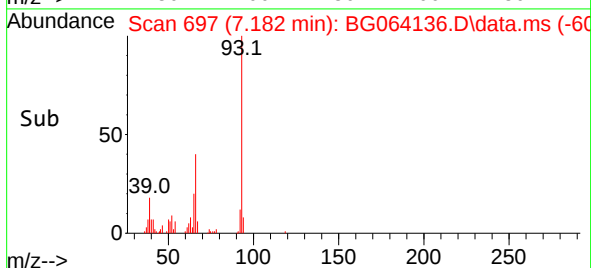
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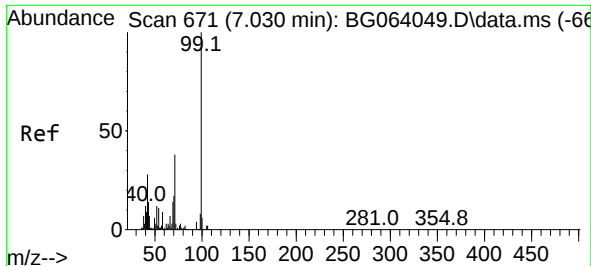


#6
Aniline
Concen: 24.909 ng
RT: 7.182 min Scan# 697
Delta R.T. -0.013 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44



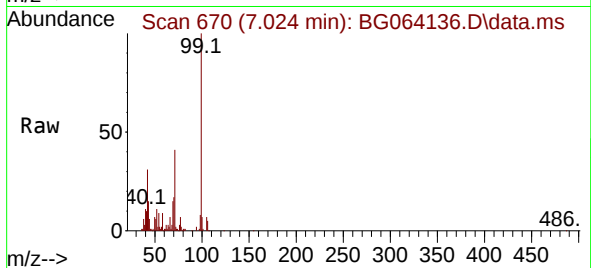
Tgt Ion: 93 Resp: 69093
Ion Ratio Lower Upper
93 100
66 40.3 33.7 50.5
65 19.7 19.1 28.7





#7
Phenol-d6
Concen: 35.441 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

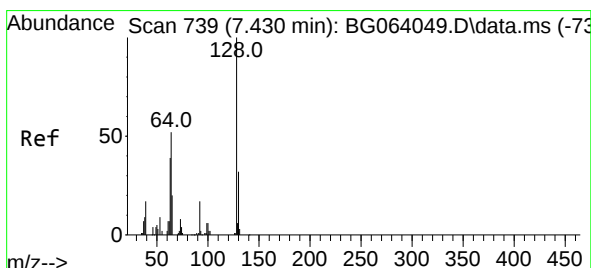
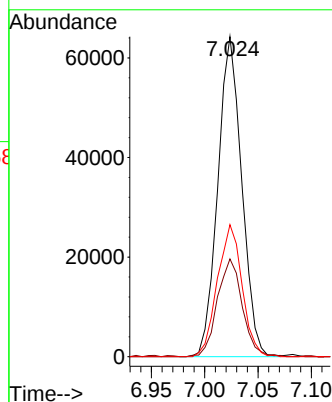
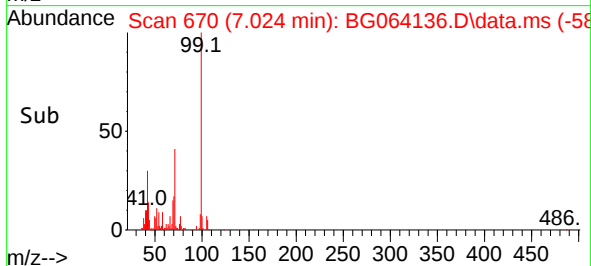
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BNA_G
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Tgt Ion: 99 Resp: 10018
Ion Ratio Lower Upper
99 100
42 30.6 22.7 34.1
71 41.3 30.6 46.0

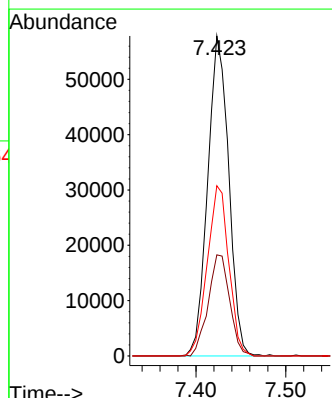
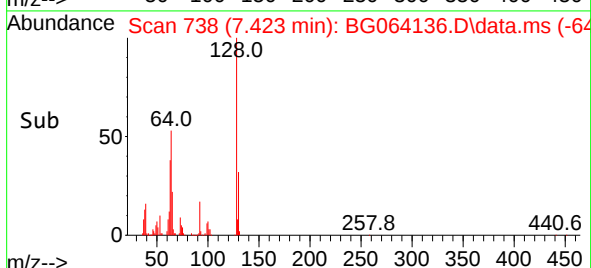
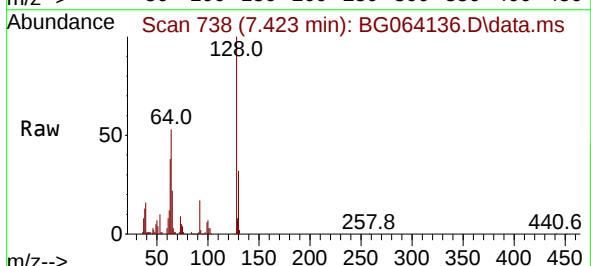
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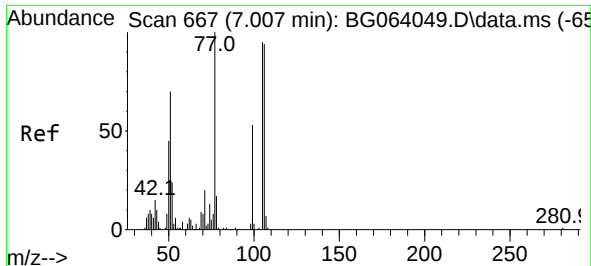
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#8
2-Chlorophenol
Concen: 42.159 ng
RT: 7.423 min Scan# 738
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

Tgt Ion:128 Resp: 94084
Ion Ratio Lower Upper
128 100
130 31.6 12.3 52.3
64 53.2 37.0 77.0





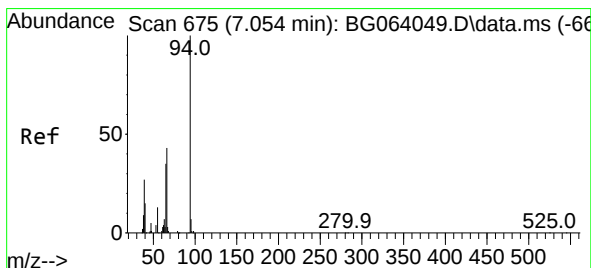
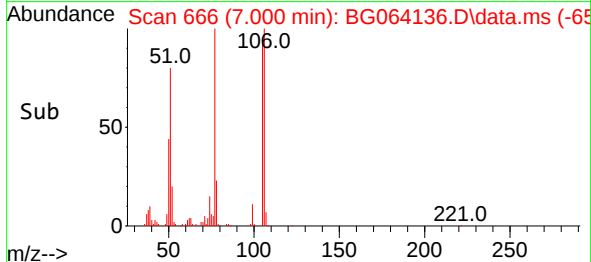
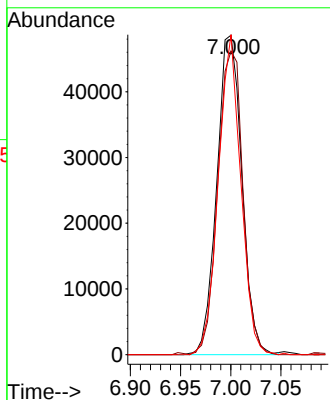
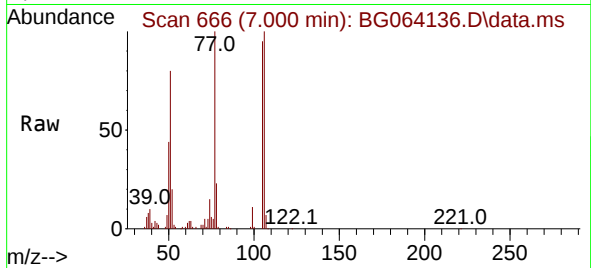
#9
Benzaldehyde
Concen: 51.206 ng
RT: 7.000 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD

Tgt Ion: 77 Resp: 8418
Ion Ratio Lower Upper
77 100
105 95.0 75.5 115.5
106 100.1 74.2 114.2

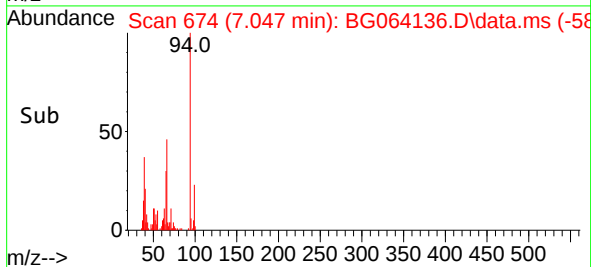
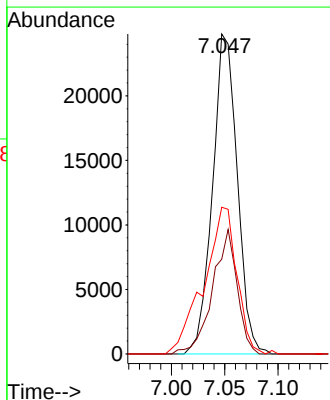
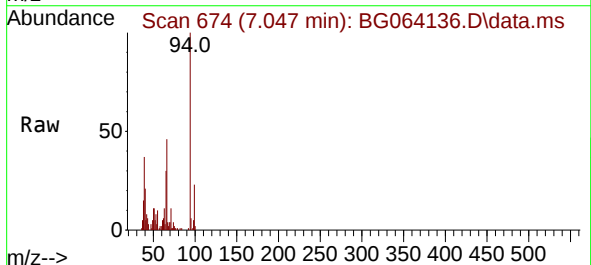
Manual Integrations
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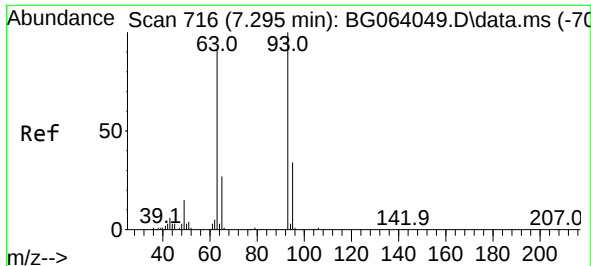
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Supervised By :Jagrut Upadhyay 04/02/2025



#10
Phenol
Concen: 13.822 ng
RT: 7.047 min Scan# 674
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

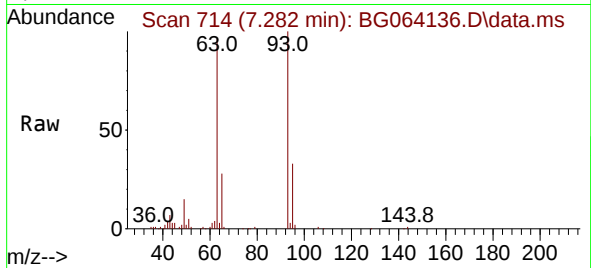
Tgt Ion: 94 Resp: 40002
Ion Ratio Lower Upper
94 100
65 29.6 15.2 55.2
66 45.9 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 47.043 ng
RT: 7.282 min Scan# 714
Delta R.T. -0.013 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

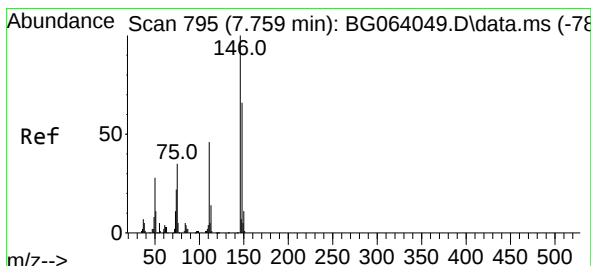
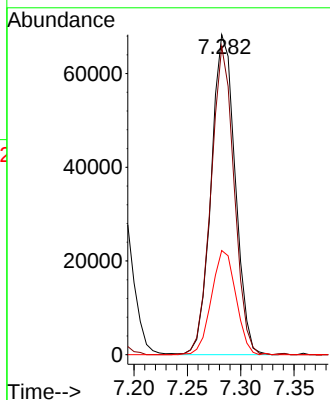
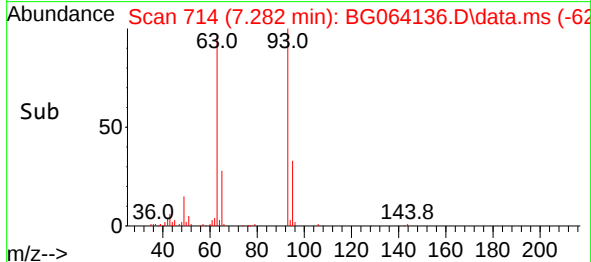
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion: 93 Resp: 106739
Ion Ratio Lower Upper
93 100
63 96.3 70.0 110.0
95 32.6 13.7 53.7

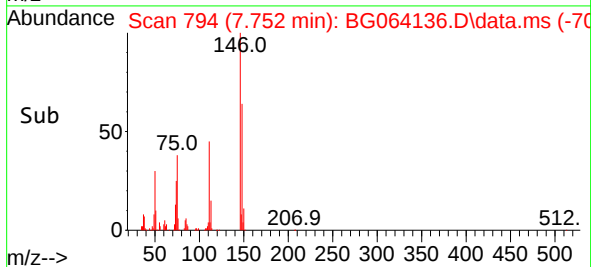
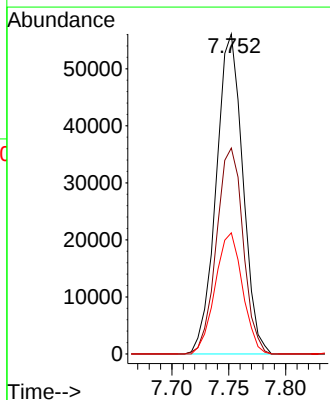
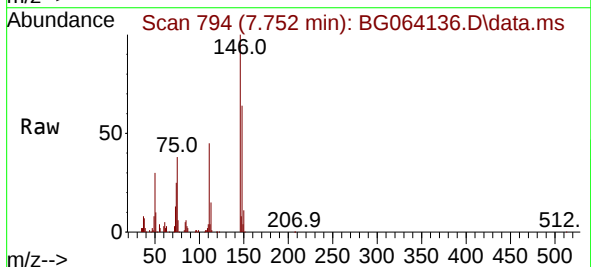
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#12
1,3-Dichlorobenzene
Concen: 37.288 ng
RT: 7.752 min Scan# 794
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

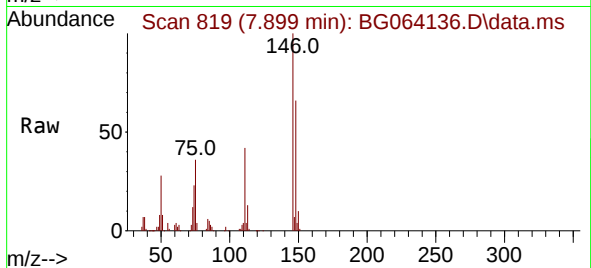
Tgt Ion:146 Resp: 91380
Ion Ratio Lower Upper
146 100
148 64.4 52.6 78.8
75 37.9 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 38.159 ng
RT: 7.899 min Scan# 819
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

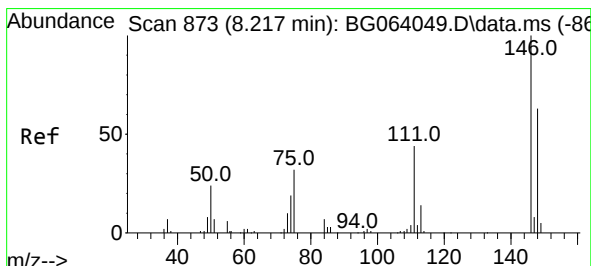
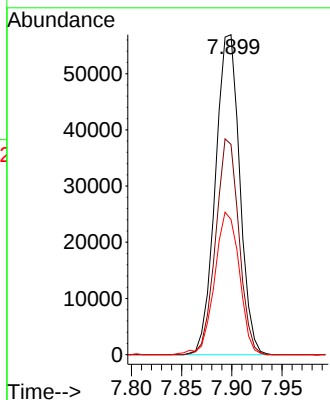
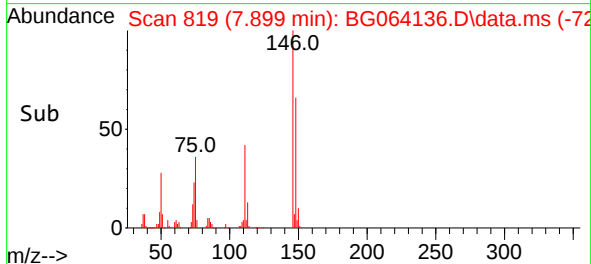
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



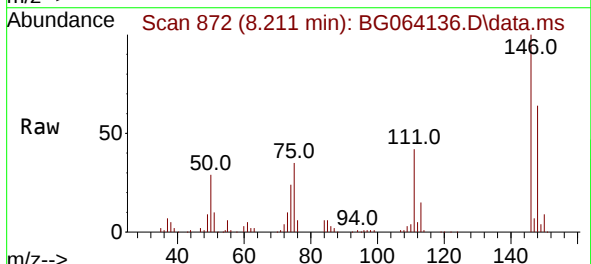
Tgt Ion:146 Resp: 95852
Ion Ratio Lower Upper
146 100
148 65.7 50.6 75.8
111 42.2 35.1 52.7

Manual Integrations
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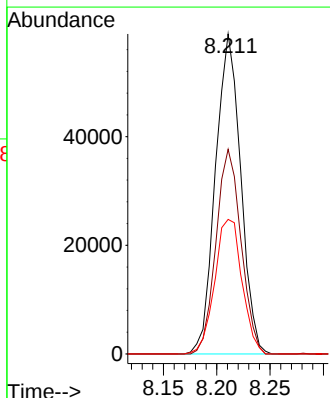
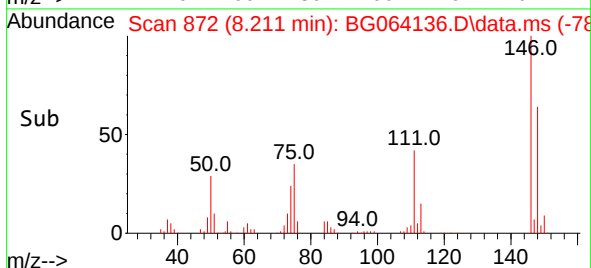
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

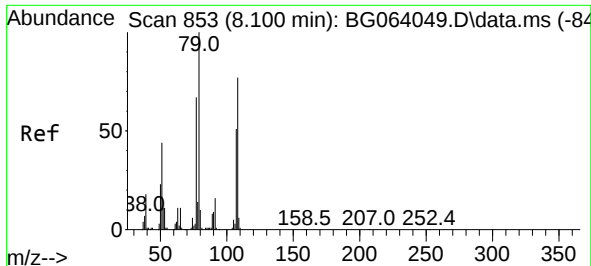


#14
1,2-Dichlorobenzene
Concen: 39.950 ng
RT: 8.211 min Scan# 872
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44



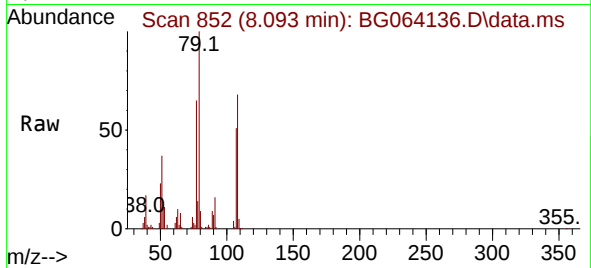
Tgt Ion:146 Resp: 96765
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.2
111 42.1 36.4 54.6





#15
Benzyl Alcohol
Concen: 35.789 ng
RT: 8.093 min Scan# 801
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

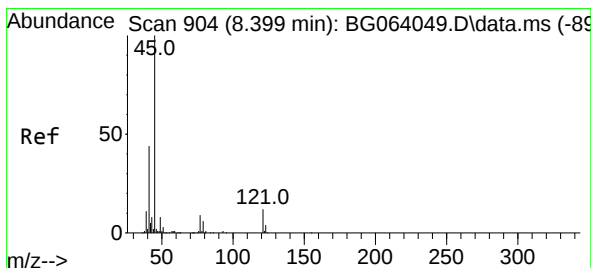
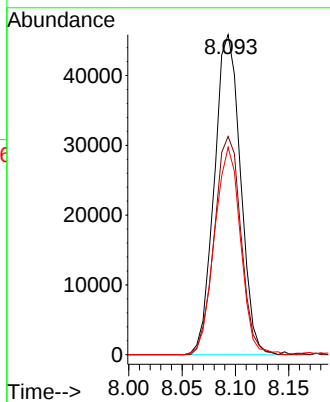
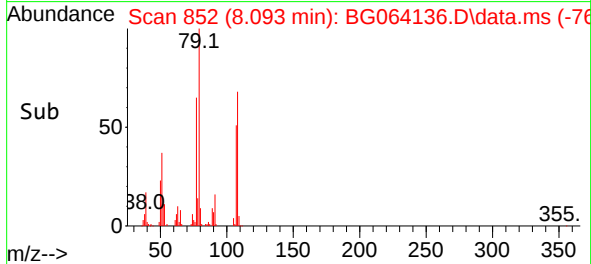
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion: 79 Resp: 78170
Ion Ratio Lower Upper
79 100
108 68.2 61.7 92.5
77 64.8 53.9 80.9

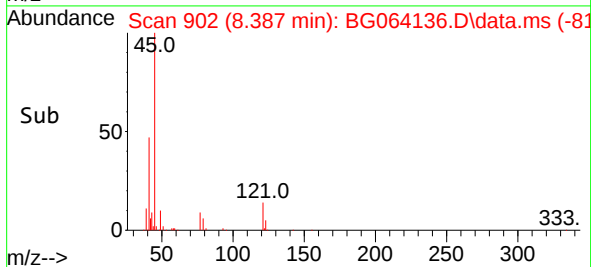
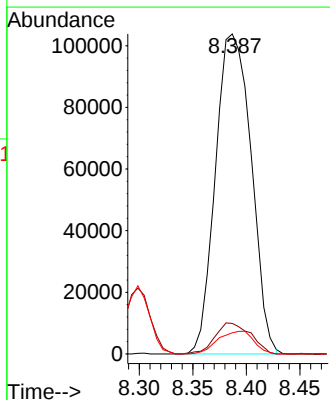
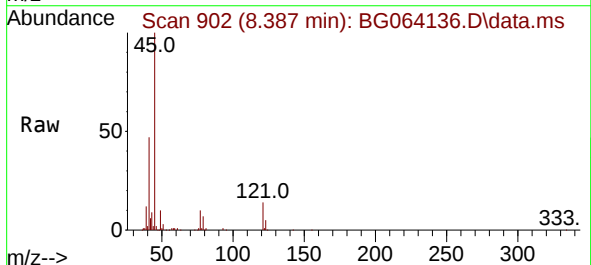
Manual Integrations
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Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.251 ng m
RT: 8.387 min Scan# 902
Delta R.T. -0.013 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

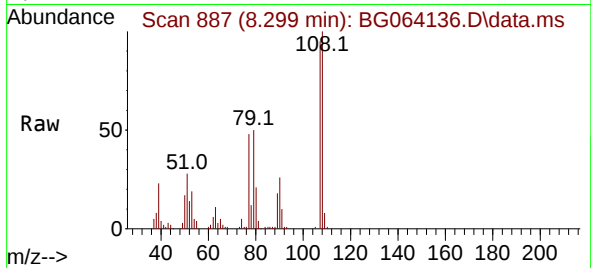
Tgt Ion: 45 Resp: 241066
Ion Ratio Lower Upper
45 100
77 9.5 0.0 29.0
79 6.6 0.0 26.6





#17
2-Methylphenol
Concen: 35.212 ng
RT: 8.299 min Scan# 887
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

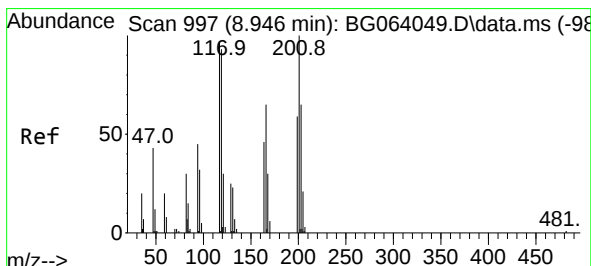
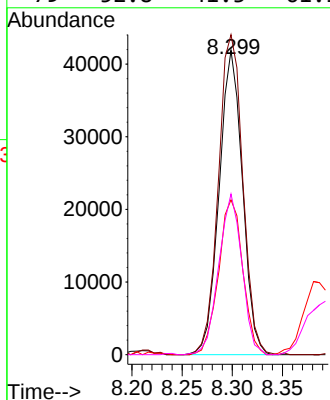
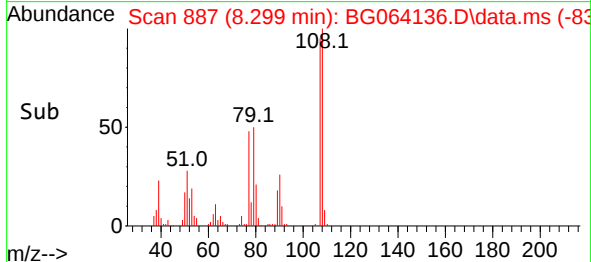
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion:	107	Resp:	67630
Ion Ratio	Lower	Upper	
107	100		
108	105.2	92.5	138.7
77	50.9	40.5	60.7
79	52.8	41.3	61.9

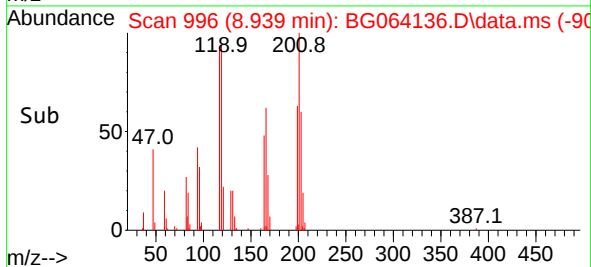
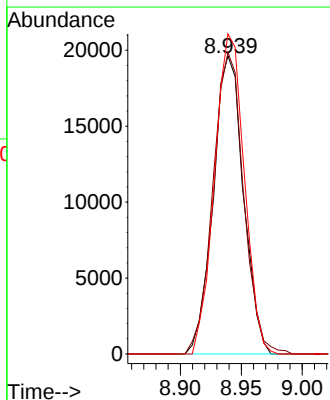
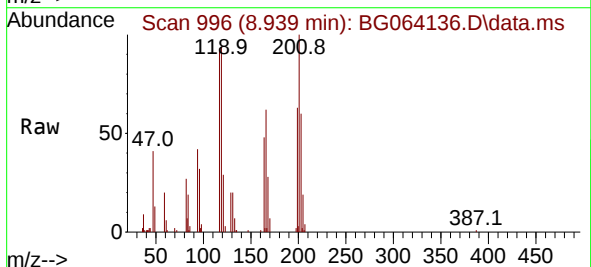
Manual Integrations
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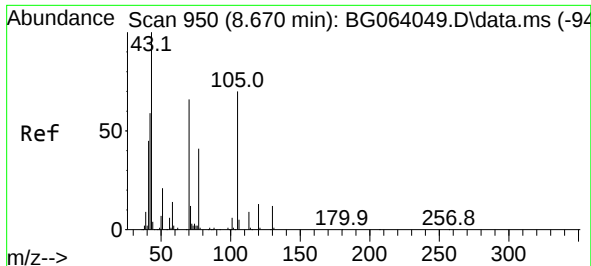
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#18
Hexachloroethane
Concen: 38.373 ng
RT: 8.939 min Scan# 996
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

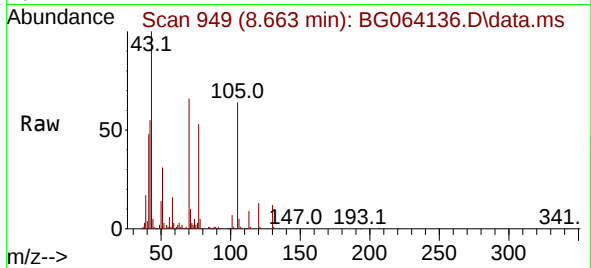
Tgt Ion:	117	Resp:	33724
Ion Ratio	Lower	Upper	
117	100		
119	101.2	76.2	114.2
201	107.4	81.5	122.3





#19
n-Nitroso-di-n-propylamine
Concen: 52.969 ng
RT: 8.663 min Scan# 949
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

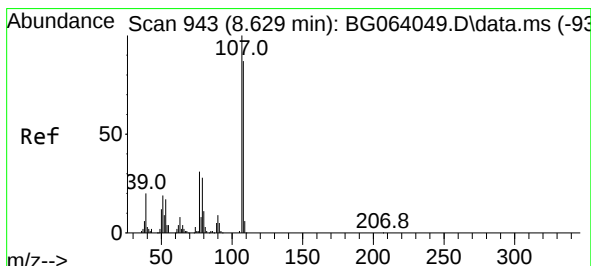
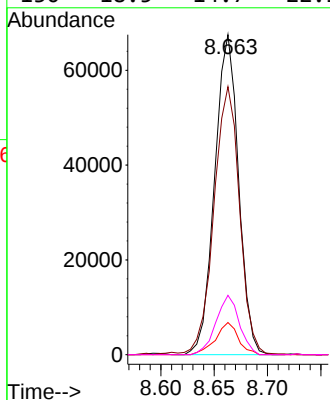
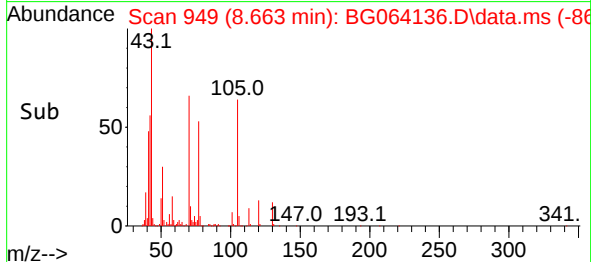
Instrument : BNA_G
ClientSampleId : P001-BBDGA-001-01-06MSD



Tgt Ion: 70 Resp: 10508
Ion Ratio Lower Upper
70 100
42 83.7 72.1 108.1
101 10.0 7.2 10.8
130 18.5 14.7 22.1

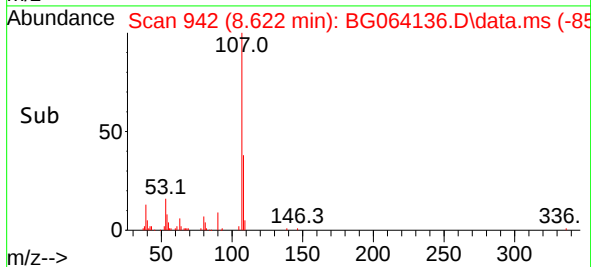
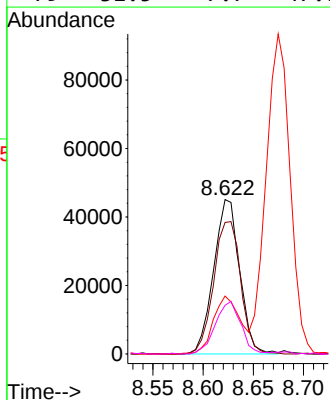
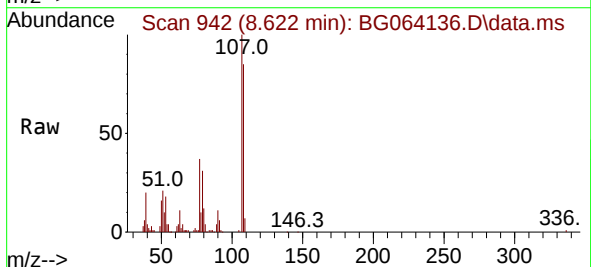
Manual Integrations
APPROVED

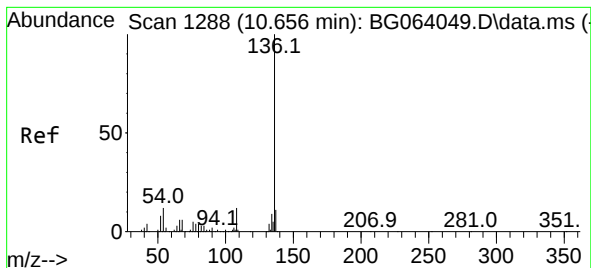
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#20
3+4-Methylphenols
Concen: 30.609 ng
RT: 8.622 min Scan# 942
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

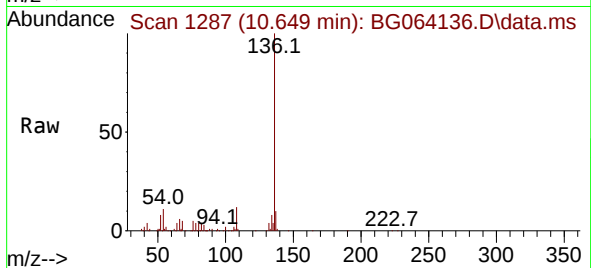
Tgt Ion:107 Resp: 80940
Ion Ratio Lower Upper
107 100
108 85.1 67.0 107.0
77 37.5 11.2 51.2
79 31.5 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

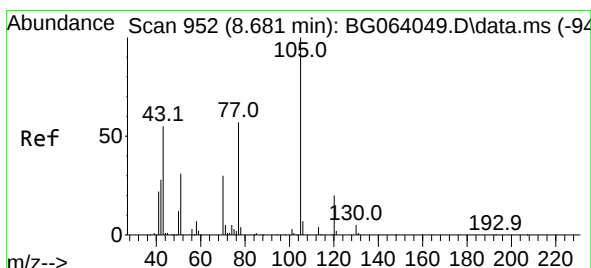
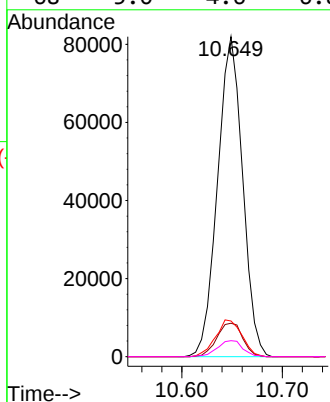
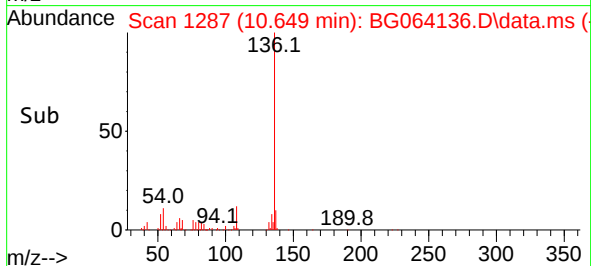
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion:136 Resp: 141900
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 11.2 9.9 14.9
68 5.0 4.6 6.8

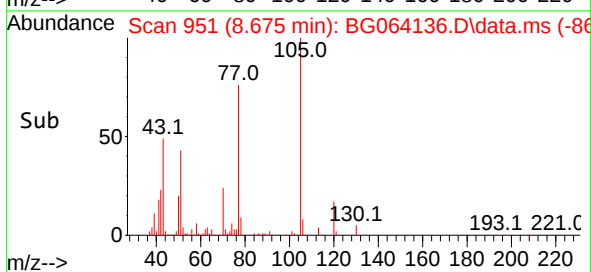
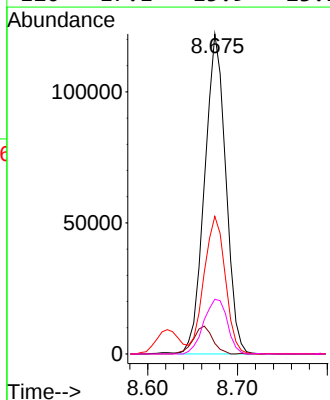
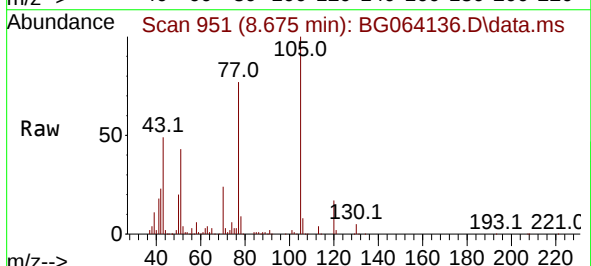
Manual Integrations
APPROVED

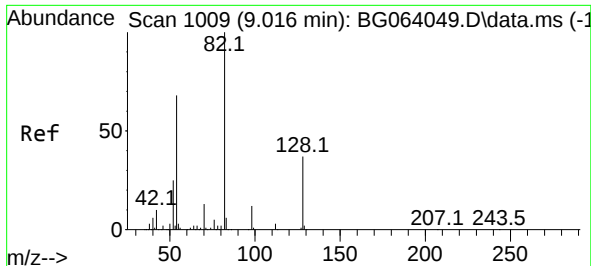
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#22
Acetophenone
Concen: 51.370 ng
RT: 8.675 min Scan# 951
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

Tgt Ion:105 Resp: 199860
Ion Ratio Lower Upper
105 100
71 3.3 4.2 6.4#
51 43.0 33.3 49.9
120 17.1 15.9 23.9





#23

Nitrobenzene-d5

Concen: 116.603 ng

RT: 9.010 min Scan# 1008

Delta R.T. -0.007 min

Lab File: BG064136.D

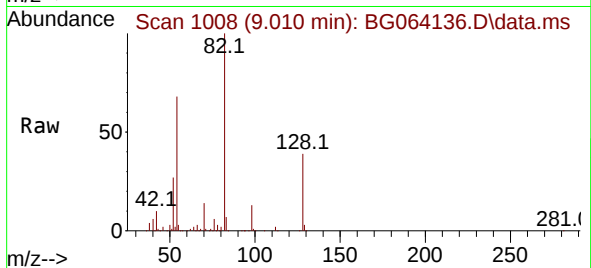
Acq: 1 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-001-01-06MSD



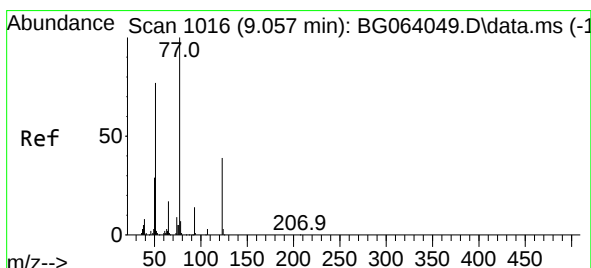
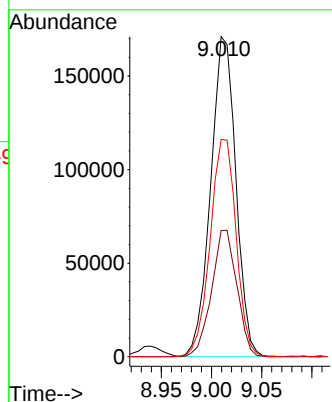
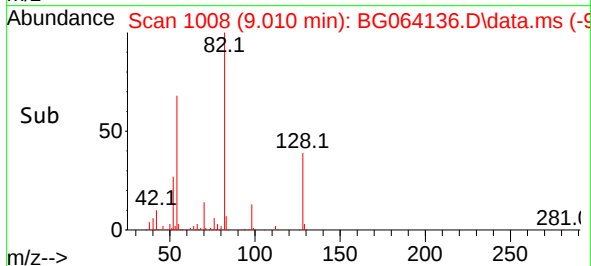
Tgt Ion:	82	Resp:	29941
Ion Ratio	Lower	Upper	
82	100		
128	39.5	30.0	45.0
54	67.9	54.7	82.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#24

Nitrobenzene

Concen: 56.939 ng

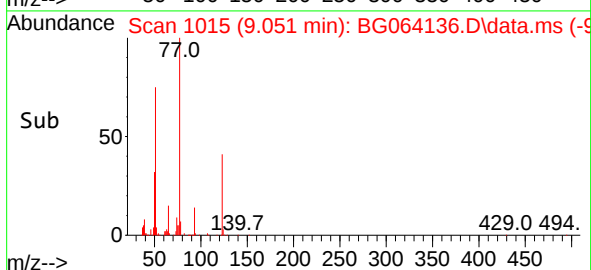
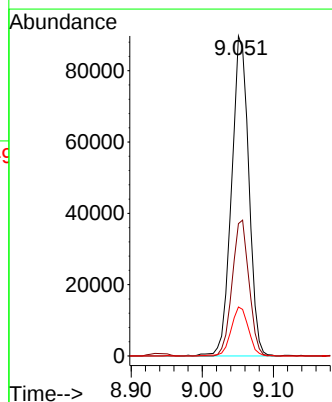
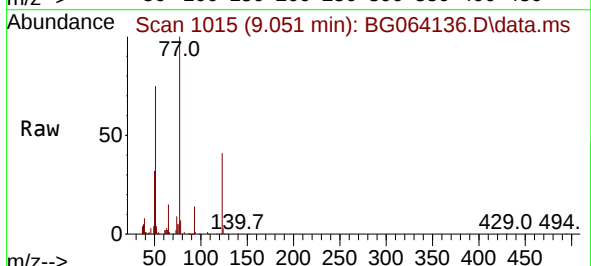
RT: 9.051 min Scan# 1015

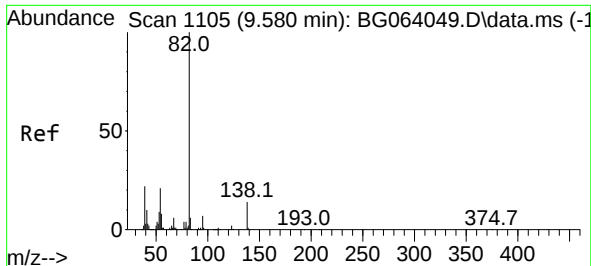
Delta R.T. -0.007 min

Lab File: BG064136.D

Acq: 1 Apr 2025 15:44

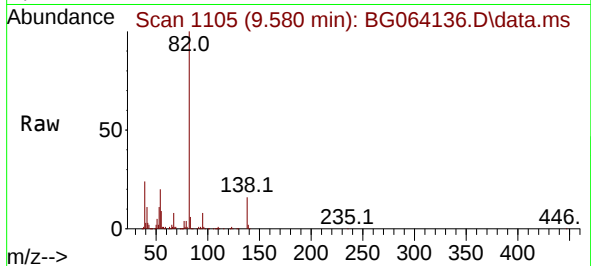
Tgt Ion:	77	Resp:	151097
Ion Ratio	Lower	Upper	
77	100		
123	41.3	31.4	47.2
65	15.3	13.4	20.0





#25
Isophorone
Concen: 56.052 ng
RT: 9.580 min Scan# 1105
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

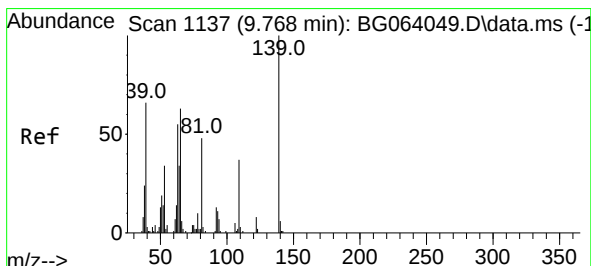
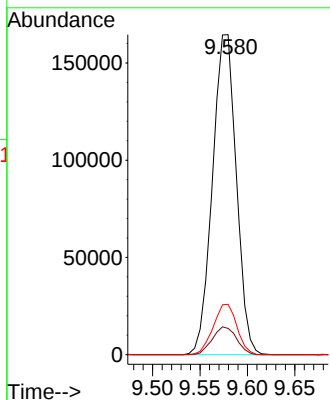
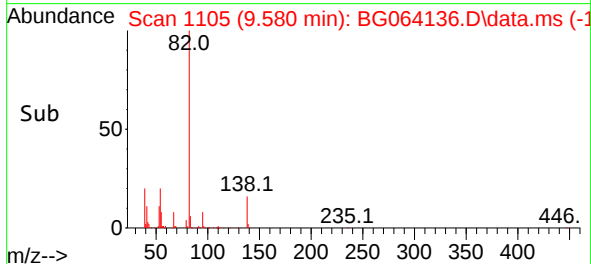
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion: 82 Resp: 288079
Ion Ratio Lower Upper
82 100
95 8.2 5.8 8.8
138 15.7 10.9 16.3

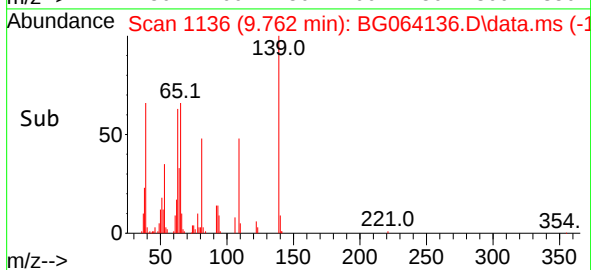
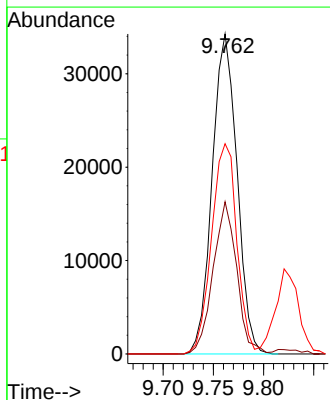
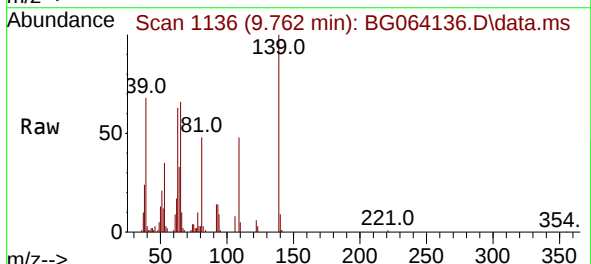
Manual Integrations
APPROVED

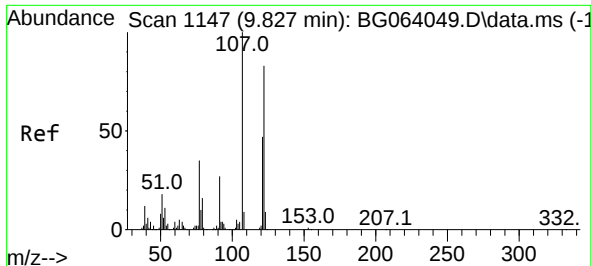
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#26
2-Nitrophenol
Concen: 60.582 ng
RT: 9.762 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

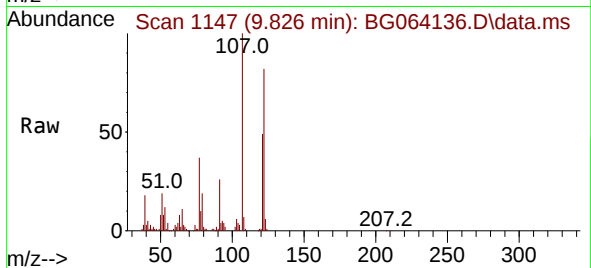
Tgt Ion:139 Resp: 58921
Ion Ratio Lower Upper
139 100
109 47.5 29.9 44.9#
65 65.7 50.6 76.0





#27
2,4-Dimethylphenol
Concen: 67.783 ng
RT: 9.826 min Scan# 1147
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

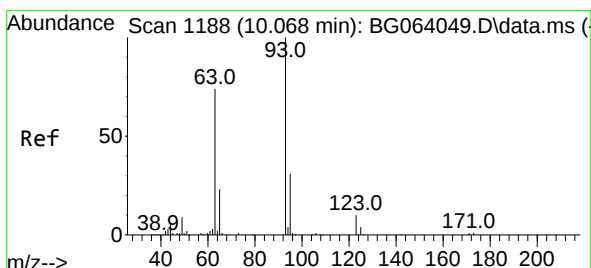
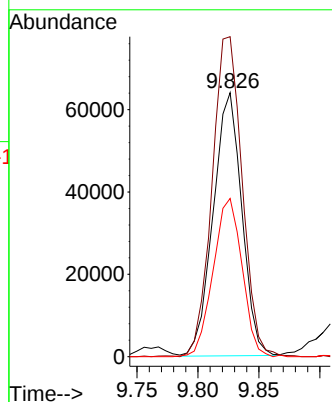
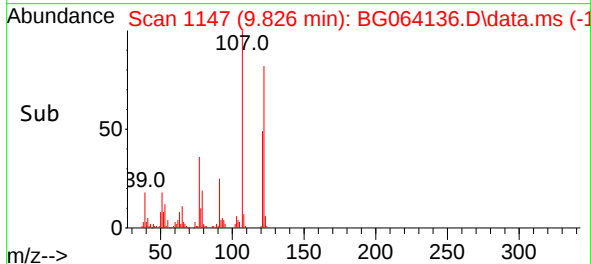
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion:122 Resp: 10443
Ion Ratio Lower Upper
122 100
107 121.2 95.4 143.0
121 60.0 44.9 67.3

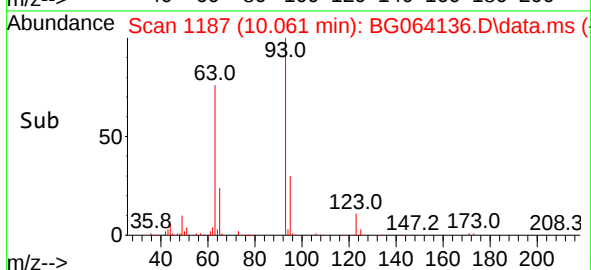
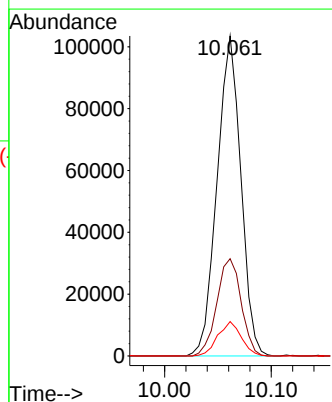
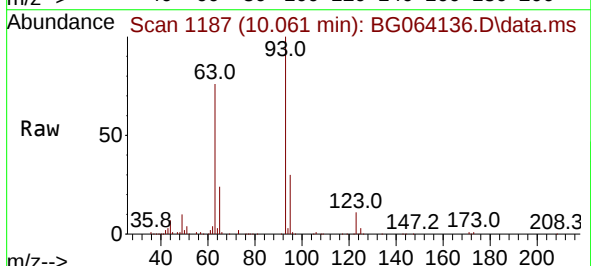
Manual Integrations
APPROVED

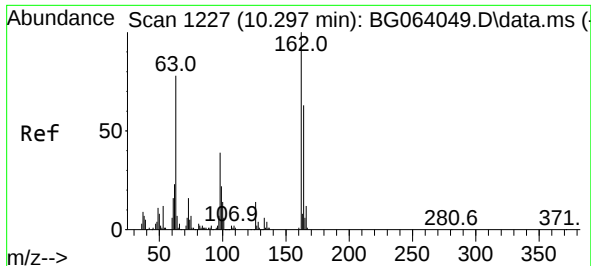
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#28
bis(2-Chloroethoxy)methane
Concen: 51.367 ng
RT: 10.061 min Scan# 1187
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

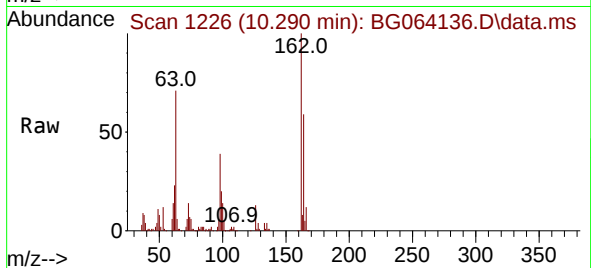
Tgt Ion: 93 Resp: 160057
Ion Ratio Lower Upper
93 100
95 30.4 25.0 37.4
123 10.8 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 55.657 ng
RT: 10.290 min Scan# 1227
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

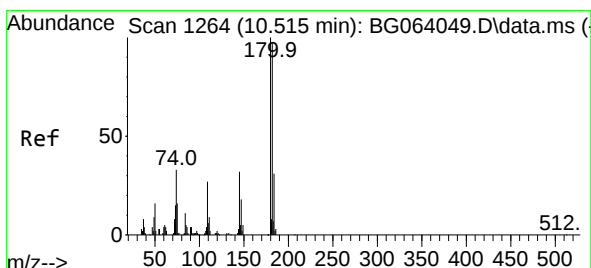
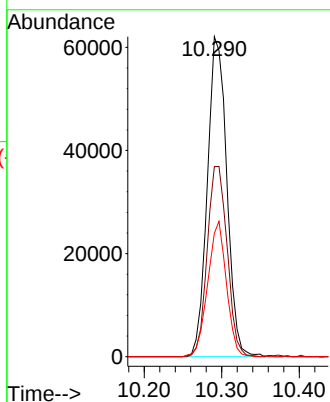
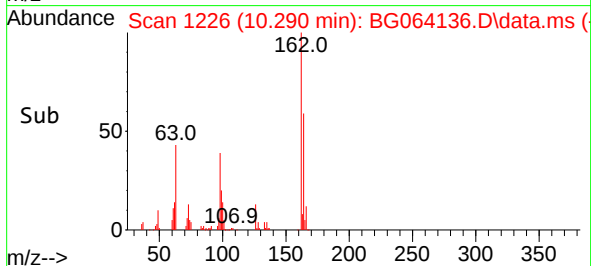
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion:162 Resp: 10828
Ion Ratio Lower Upper
162 100
164 59.4 42.8 82.8
98 38.6 19.1 59.1

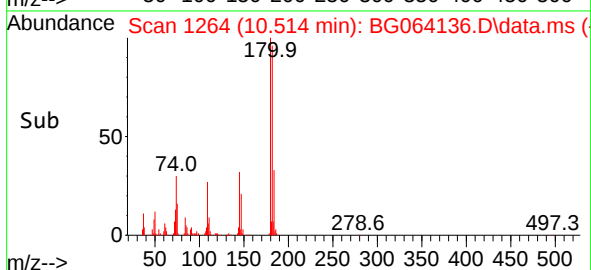
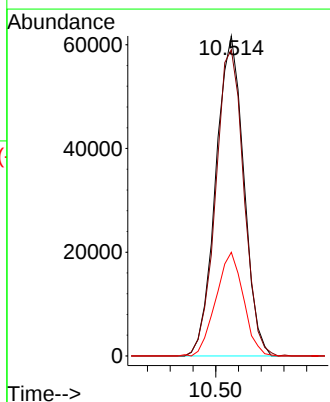
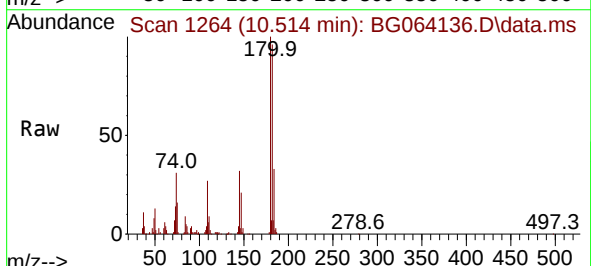
Manual Integrations
APPROVED

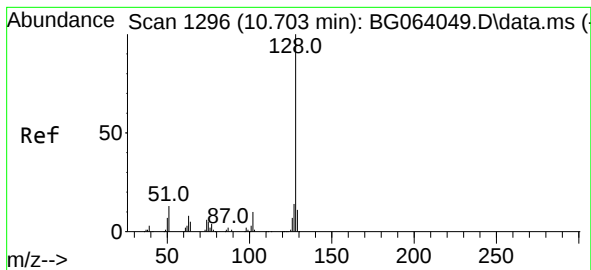
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#30
1,2,4-Trichlorobenzene
Concen: 44.868 ng
RT: 10.514 min Scan# 1264
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

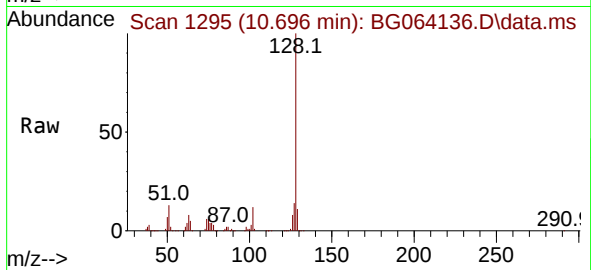
Tgt Ion:180 Resp: 105376
Ion Ratio Lower Upper
180 100
182 95.7 77.3 115.9
145 32.4 25.2 37.8





#31
Naphthalene
Concen: 46.599 ng
RT: 10.696 min Scan# 1161
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

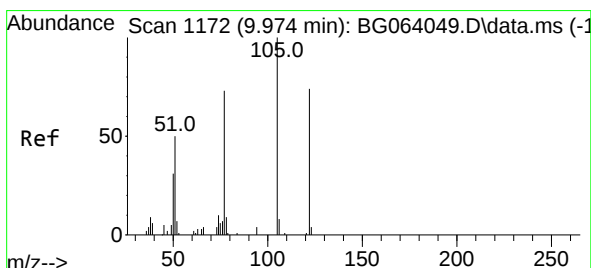
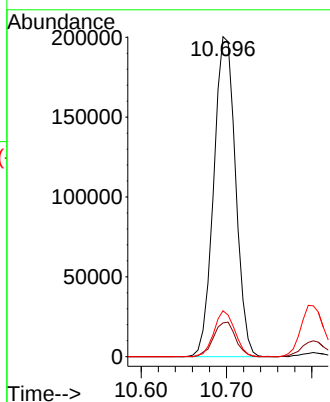
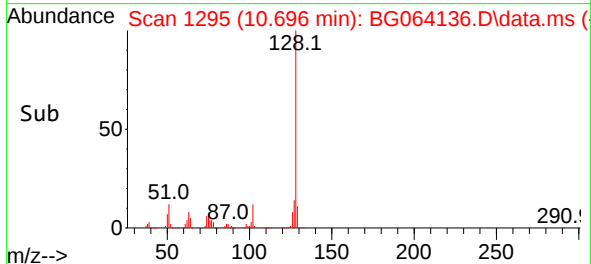
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion:128 Resp: 35656
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 14.3 11.1 16.7

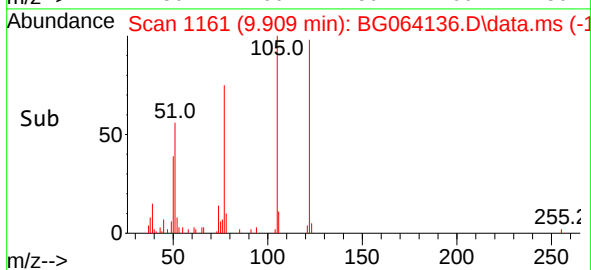
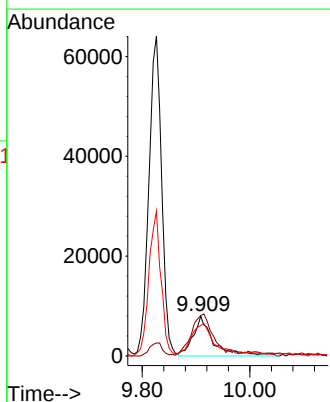
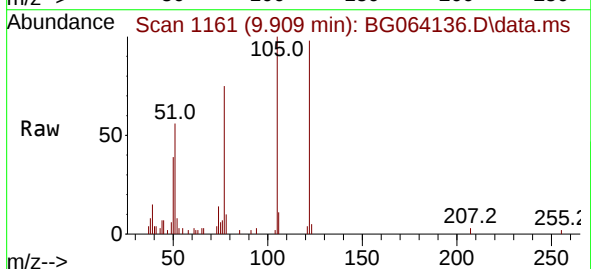
Manual Integrations
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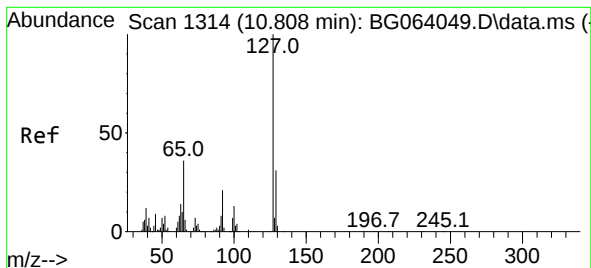
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#32
Benzoic acid
Concen: 20.869 ng m
RT: 9.909 min Scan# 1161
Delta R.T. -0.065 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

Tgt Ion:122 Resp: 21042
Ion Ratio Lower Upper
122 100
105 101.5 115.0 155.0#
77 76.4 80.9 120.9#





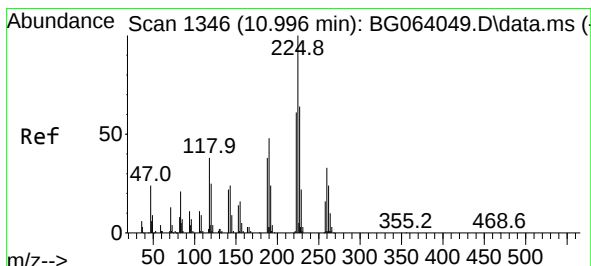
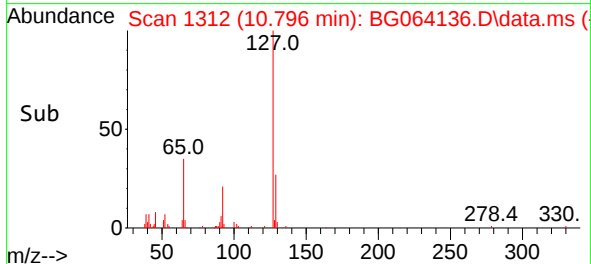
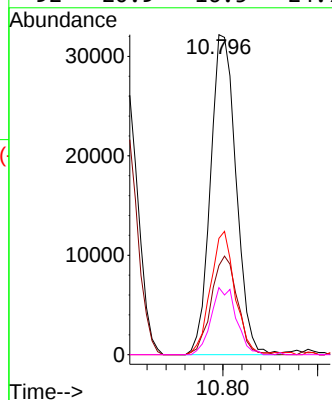
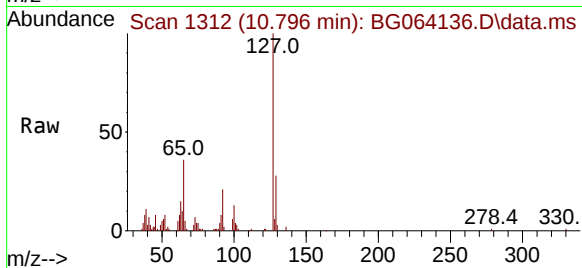
#33
4-Chloroaniline
Concen: 21.638 ng
RT: 10.796 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	27.8	25.0	37.4
65	36.4	28.5	42.7
92	20.9	16.5	24.7

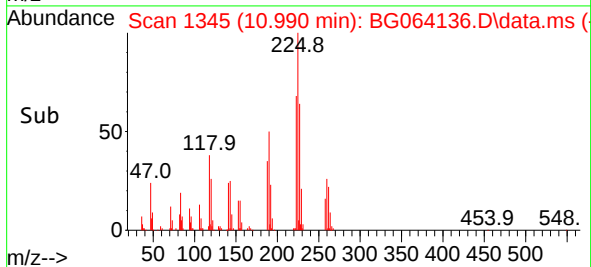
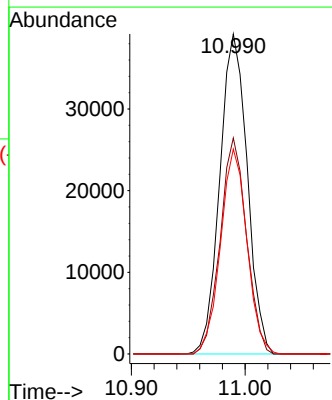
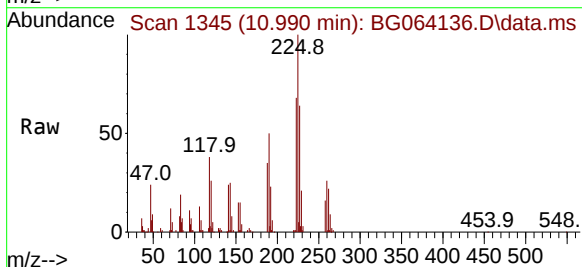
Manual Integrations
APPROVED

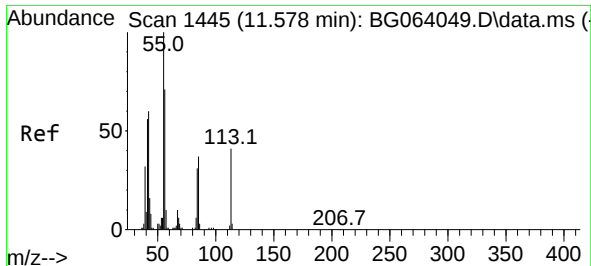
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#34
Hexachlorobutadiene
Concen: 42.692 ng
RT: 10.990 min Scan# 1345
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

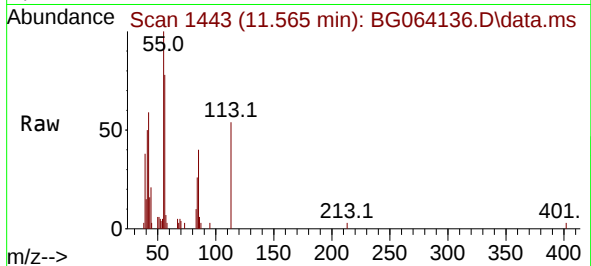
Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.5	48.5	72.7
227	64.0	51.0	76.6





#35
Caprolactam
Concen: 10.202 ng m
RT: 11.565 min Scan# 1443
Delta R.T. -0.013 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

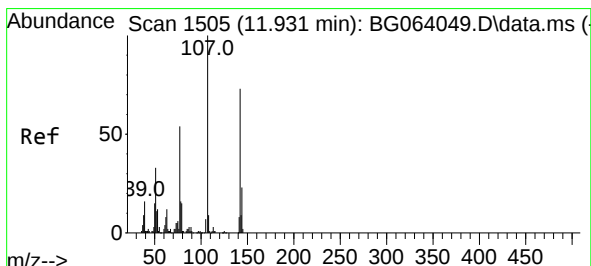
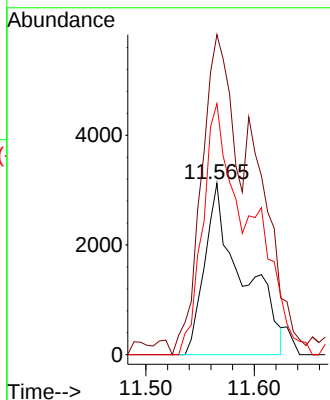
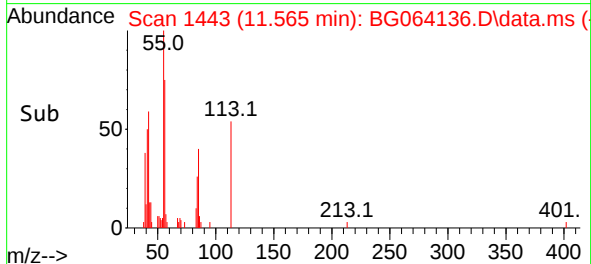
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion:113 Resp: 7600
Ion Ratio Lower Upper
113 100
55 186.7 225.2 265.2
56 146.5 153.4 193.4

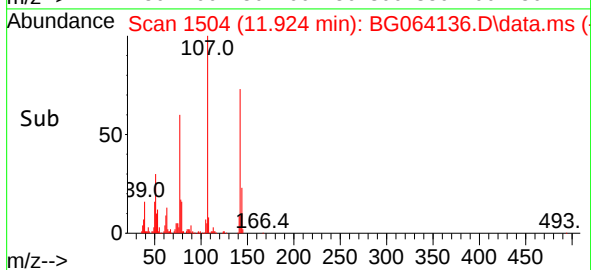
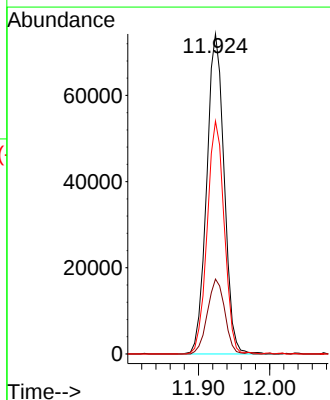
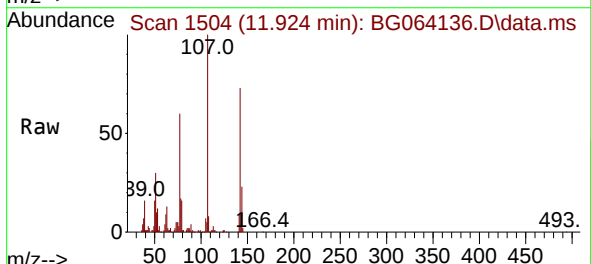
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#36
4-Chloro-3-methylphenol
Concen: 49.667 ng
RT: 11.924 min Scan# 1504
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

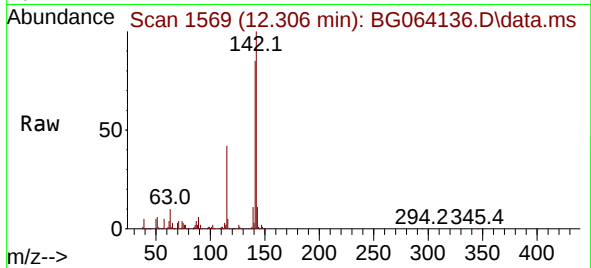
Tgt Ion:107 Resp: 126660
Ion Ratio Lower Upper
107 100
144 23.4 18.6 28.0
142 72.8 58.0 87.0





#37
2-Methylnaphthalene
Concen: 46.848 ng
RT: 12.306 min Scan# 1569
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

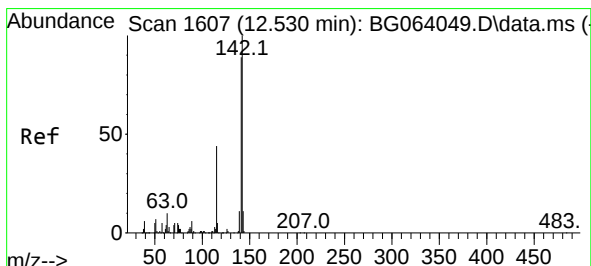
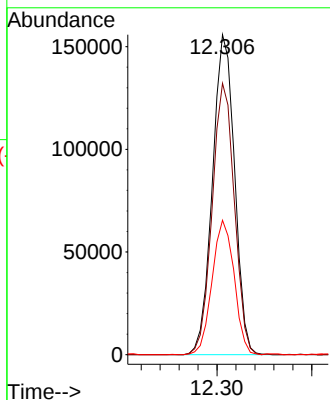
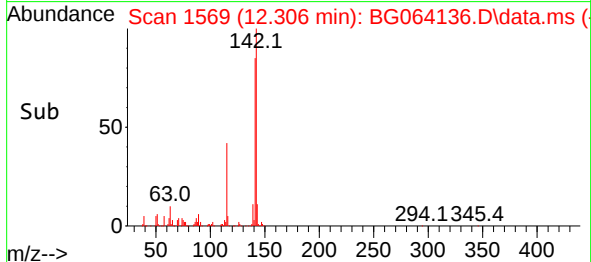
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion:142 Resp: 253060
Ion Ratio Lower Upper
142 100
141 84.8 68.6 103.0
115 42.0 32.8 49.2

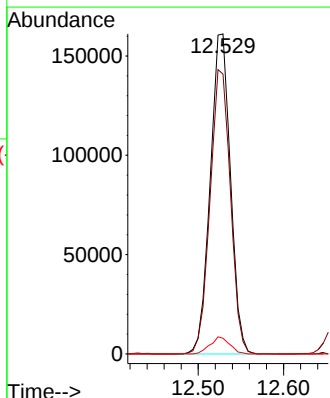
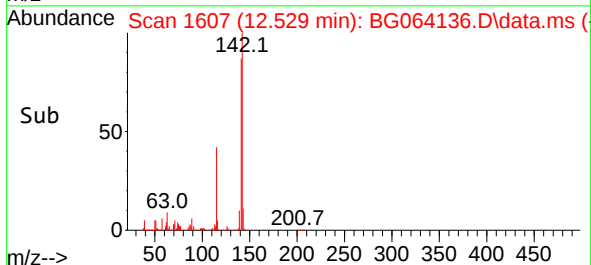
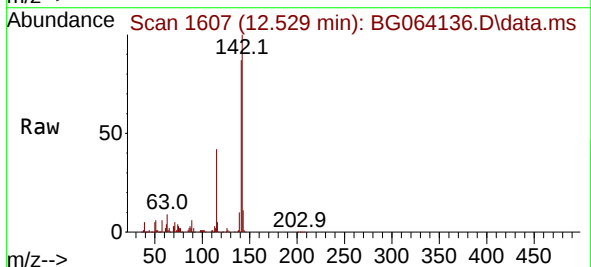
Manual Integrations
APPROVED

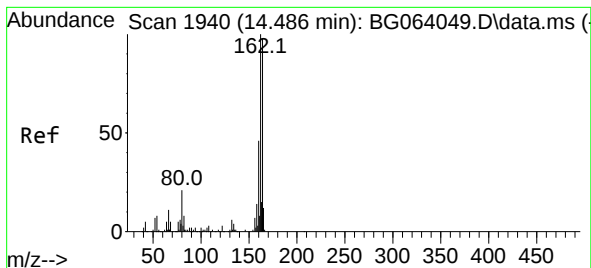
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#38
1-Methylnaphthalene
Concen: 50.151 ng
RT: 12.529 min Scan# 1607
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

Tgt Ion:142 Resp: 265405
Ion Ratio Lower Upper
142 100
141 87.4 71.2 106.8
116 4.9 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.486 min Scan# 1940

Delta R.T. -0.000 min

Lab File: BG064136.D

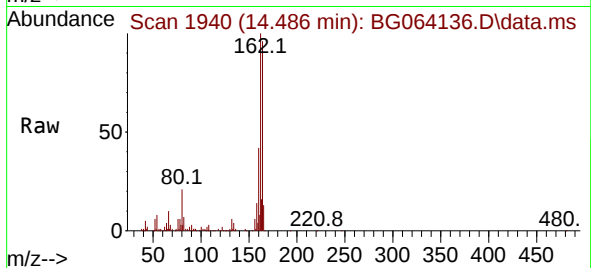
Acq: 1 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-001-01-06MSD



Tgt Ion:164 Resp: 9758

Ion Ratio Lower Upper

164 100

162 103.6 81.4 122.0

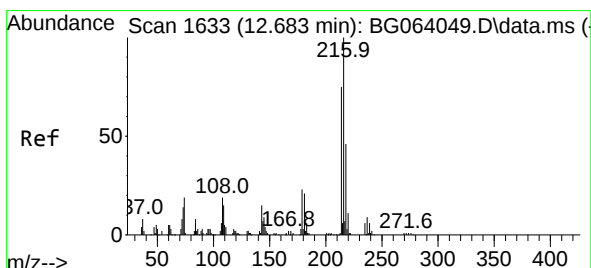
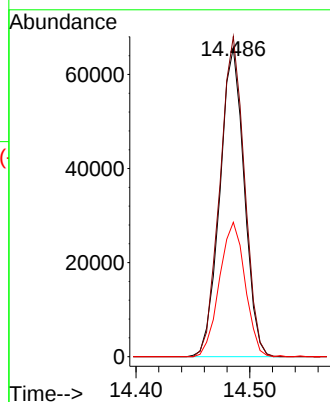
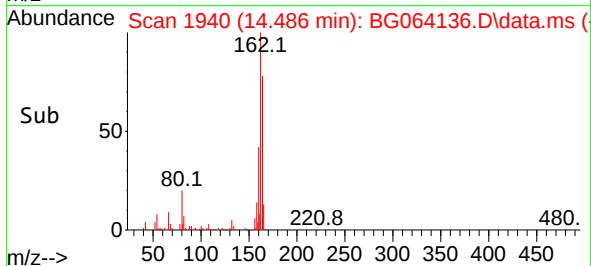
160 43.5 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.699 ng

RT: 12.676 min Scan# 1632

Delta R.T. -0.007 min

Lab File: BG064136.D

Acq: 1 Apr 2025 15:44

Tgt Ion:216 Resp: 144027

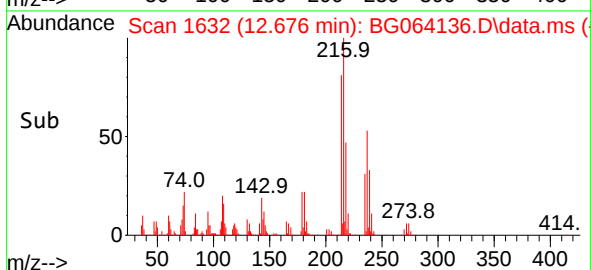
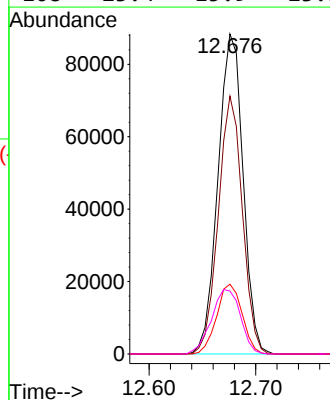
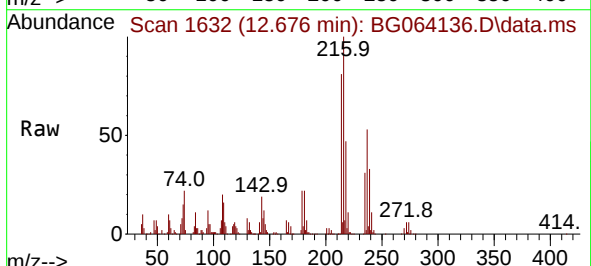
Ion Ratio Lower Upper

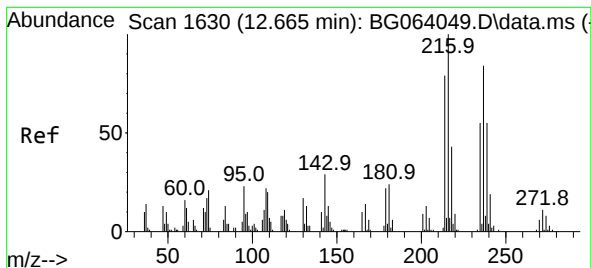
216 100

214 77.4 61.7 92.5

179 22.1 17.9 26.9

108 23.4 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 237.253 ng

RT: 12.664 min Scan# 1630

Delta R.T. -0.001 min

Lab File: BG064136.D

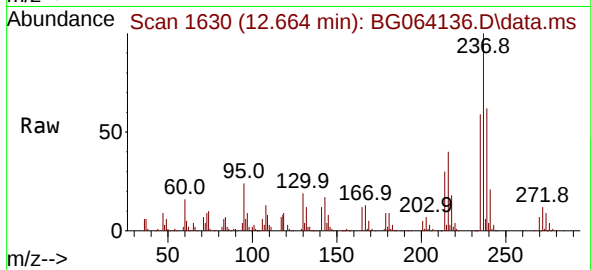
Acq: 1 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-001-01-06MSD



Tgt Ion:237 Resp: 186029

Ion Ratio Lower Upper

237 100

235 59.3 46.0 86.0

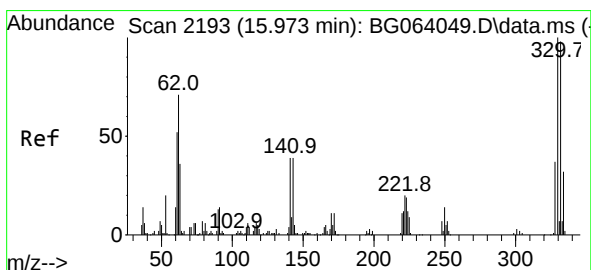
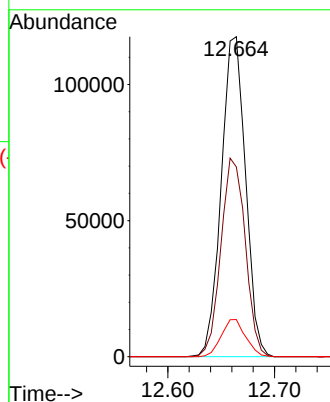
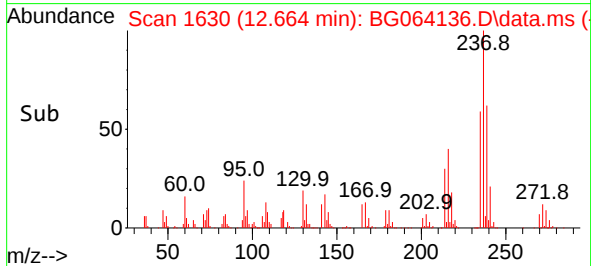
272 11.6 0.0 32.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#42

2,4,6-Tribromophenol

Concen: 193.632 ng

RT: 15.972 min Scan# 2193

Delta R.T. -0.001 min

Lab File: BG064136.D

Acq: 1 Apr 2025 15:44

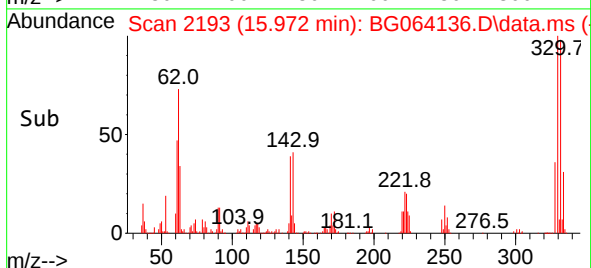
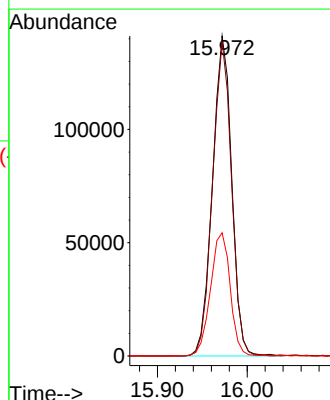
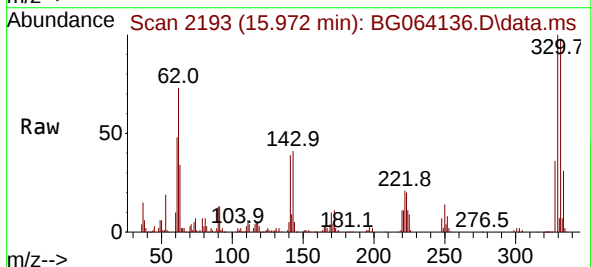
Tgt Ion:330 Resp: 210031

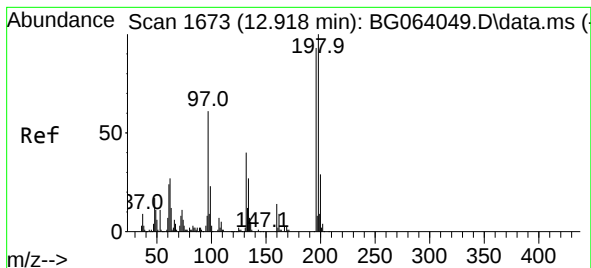
Ion Ratio Lower Upper

330 100

332 96.8 76.7 115.1

141 39.5 29.7 44.5





#43

2,4,6-Trichlorophenol

Concen: 63.375 ng

RT: 12.911 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG064136.D

Acq: 1 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

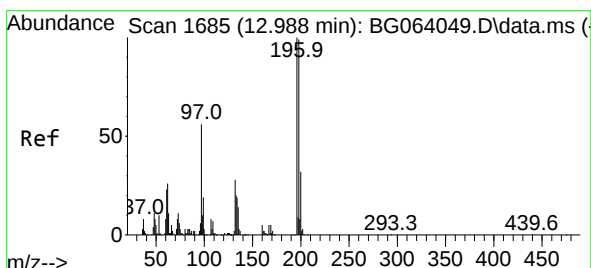
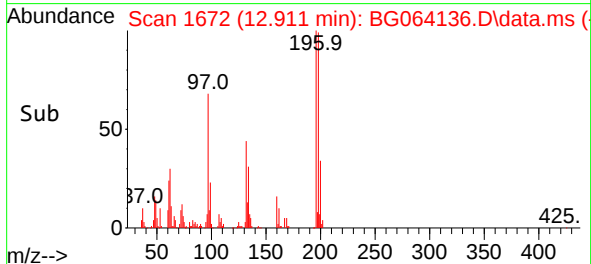
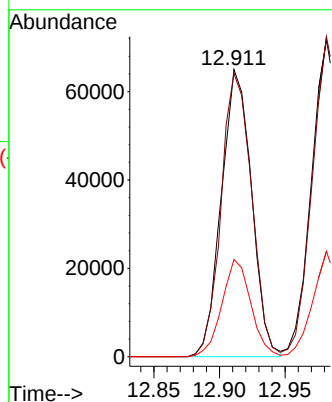
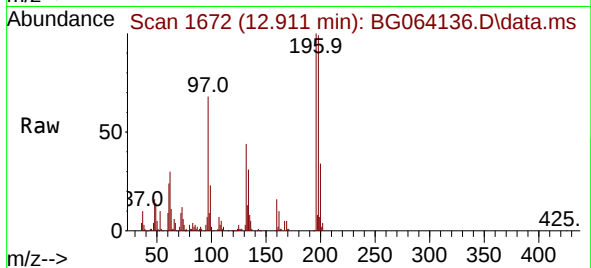
P001-BBDGA-001-01-06MSD

Tgt Ion:196 Resp: 10405
 Ion Ratio Lower Upper
 196 100
 198 98.6 85.6 128.4
 200 33.8 24.6 37.0

Manual Integrations

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Reviewed By :Anahy Claudio 04/02/2025
 Supervised By :Jagrut Upadhyay 04/02/2025



#44

2,4,5-Trichlorophenol

Concen: 62.363 ng

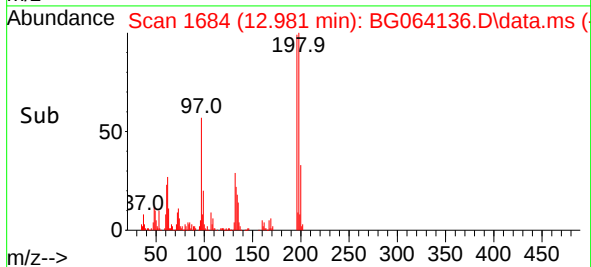
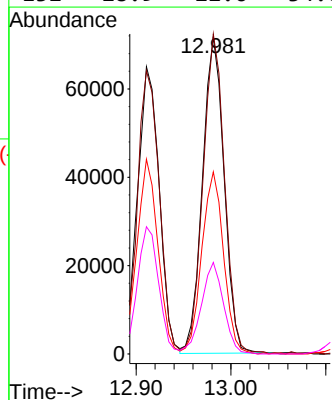
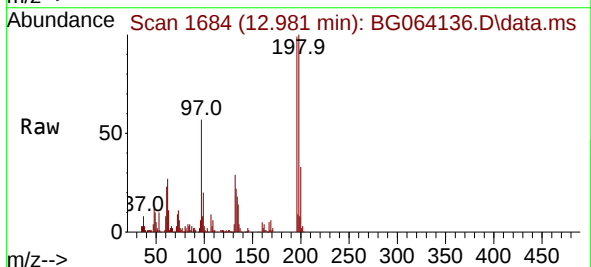
RT: 12.981 min Scan# 1684

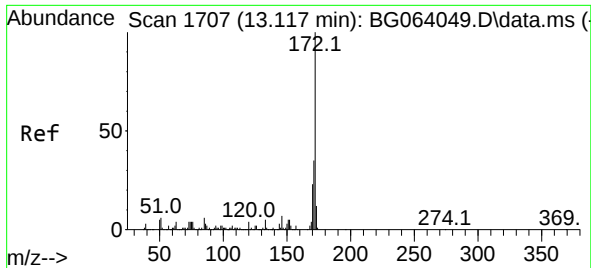
Delta R.T. -0.007 min

Lab File: BG064136.D

Acq: 1 Apr 2025 15:44

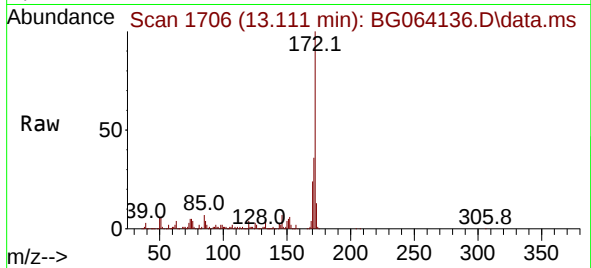
Tgt Ion:196 Resp: 113775
 Ion Ratio Lower Upper
 196 100
 198 100.9 79.5 119.3
 97 57.4 45.2 67.8
 132 28.9 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 104.553 ng
RT: 13.111 min Scan# 1706
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

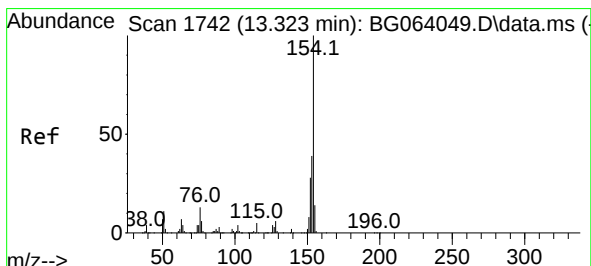
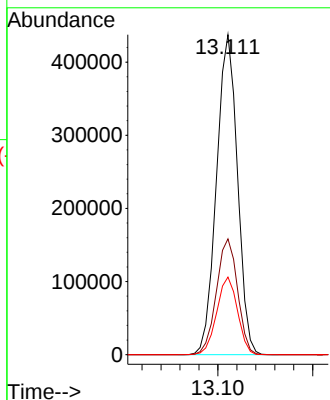
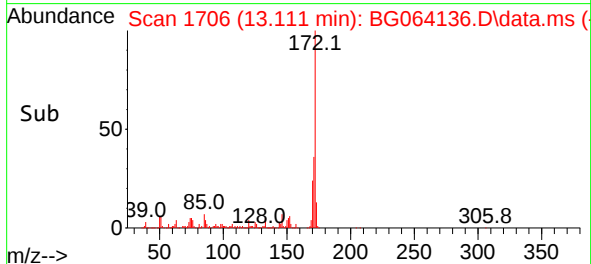
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



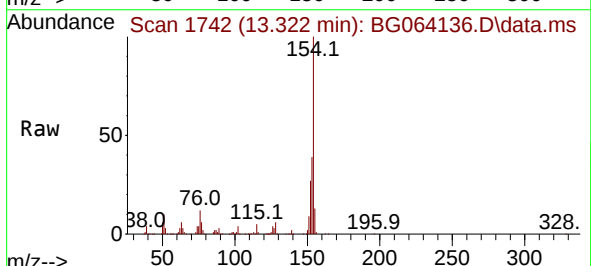
Tgt Ion:172 Resp: 672154
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 24.2 18.7 28.1

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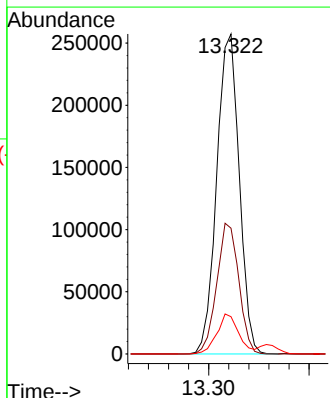
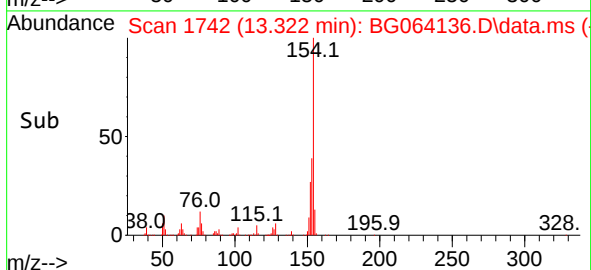
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

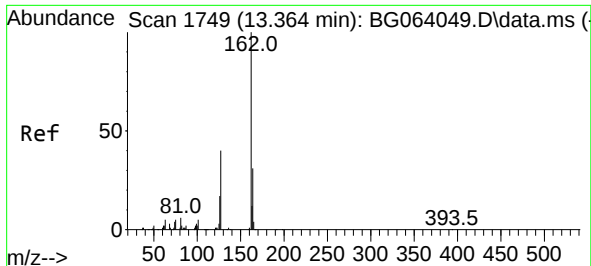


#46
1,1'-Biphenyl
Concen: 54.181 ng
RT: 13.322 min Scan# 1742
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44



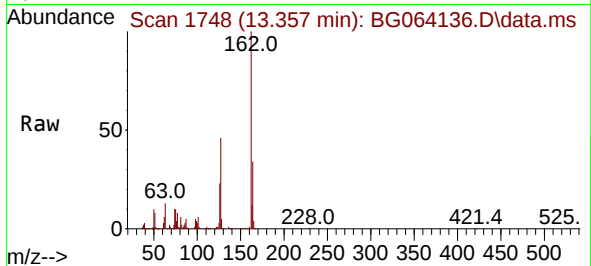
Tgt Ion:154 Resp: 399444
Ion Ratio Lower Upper
154 100
153 39.3 19.5 59.5
76 11.7 0.0 33.5





#47
2-Chloronaphthalene
Concen: 53.612 ng
RT: 13.357 min Scan# 1748
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

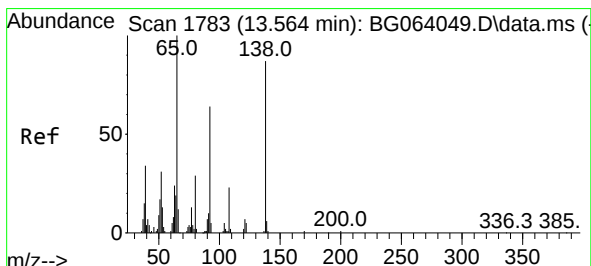
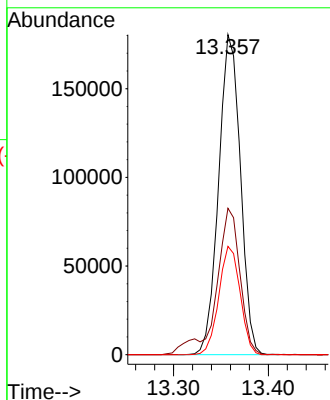
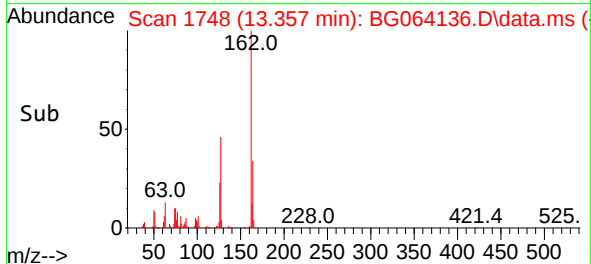
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



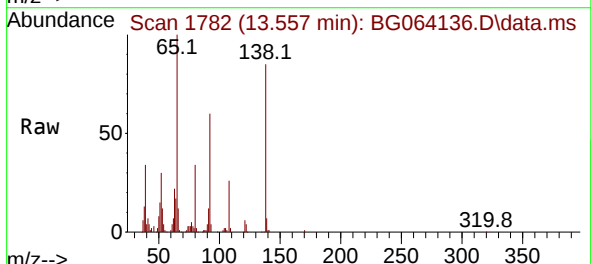
Tgt Ion:162 Resp: 28826
Ion Ratio Lower Upper
162 100
127 45.8 35.0 52.4
164 33.8 25.0 37.6

Manual Integrations
APPROVED

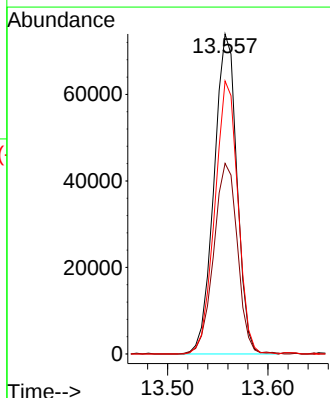
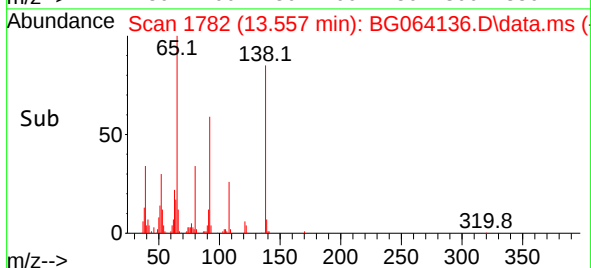
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

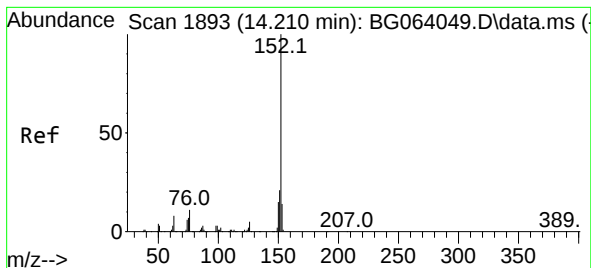


#48
2-Nitroaniline
Concen: 62.103 ng
RT: 13.557 min Scan# 1782
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44



Tgt Ion: 65 Resp: 117324
Ion Ratio Lower Upper
65 100
92 59.5 51.2 76.8
138 85.3 69.4 104.2





#49

Acenaphthylene

Concen: 59.444 ng

RT: 14.209 min Scan# 1893

Delta R.T. -0.001 min

Lab File: BG064136.D

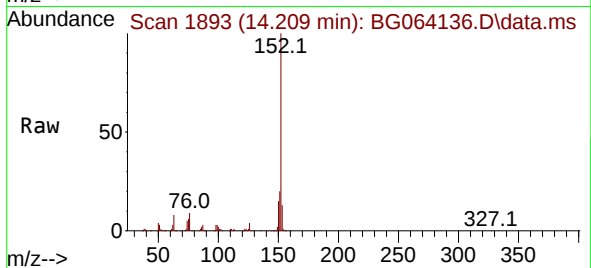
Acq: 1 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-001-01-06MSD



Tgt Ion:152 Resp: 50555

Ion Ratio Lower Upper

152 100

151 19.6 16.4 24.6

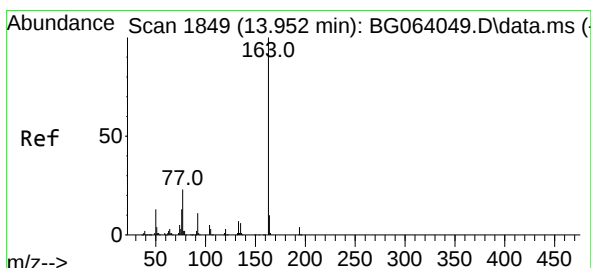
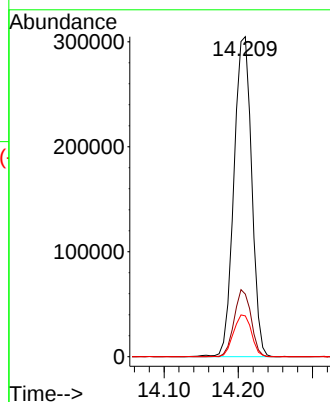
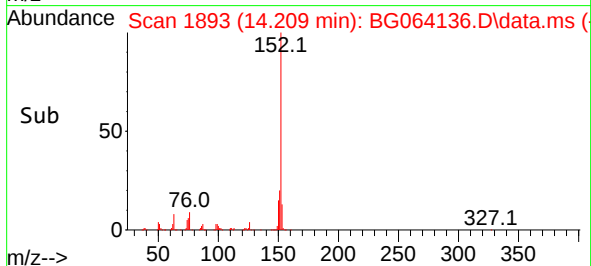
153 12.7 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#50

Dimethylphthalate

Concen: 57.157 ng

RT: 13.945 min Scan# 1848

Delta R.T. -0.007 min

Lab File: BG064136.D

Acq: 1 Apr 2025 15:44

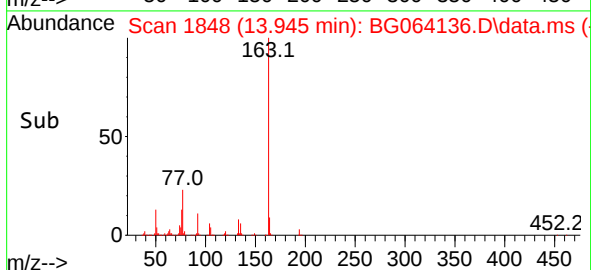
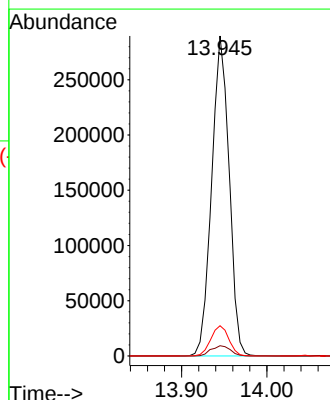
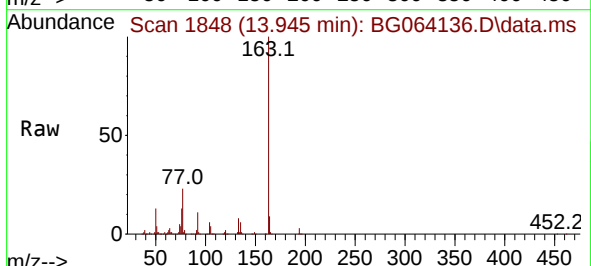
Tgt Ion:163 Resp: 411716

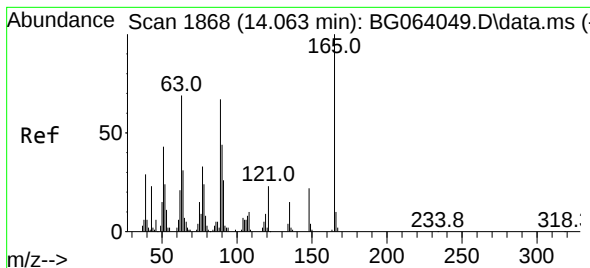
Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

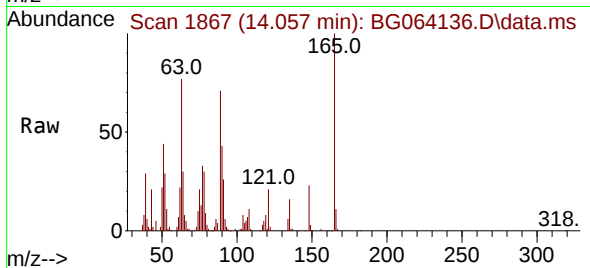
164 9.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 60.006 ng
RT: 14.057 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

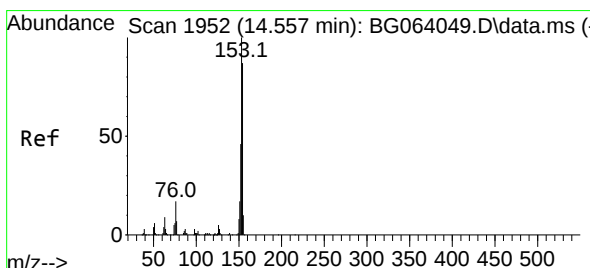
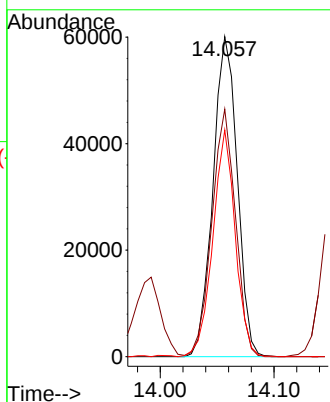
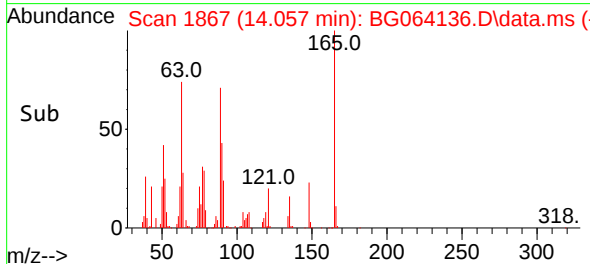
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion:165 Resp: 89010
Ion Ratio Lower Upper
165 100
63 77.4 56.7 85.1
89 70.9 53.7 80.5

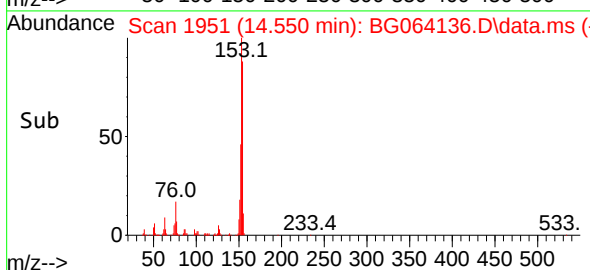
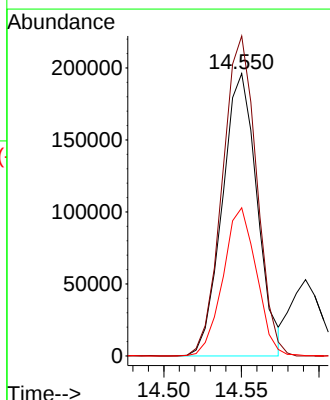
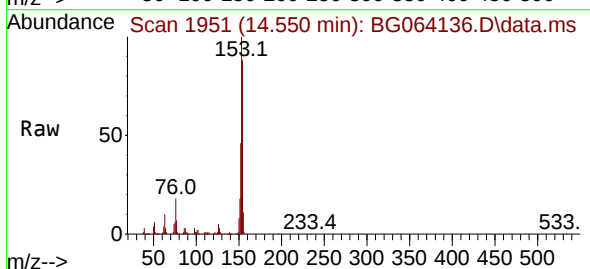
Manual Integrations
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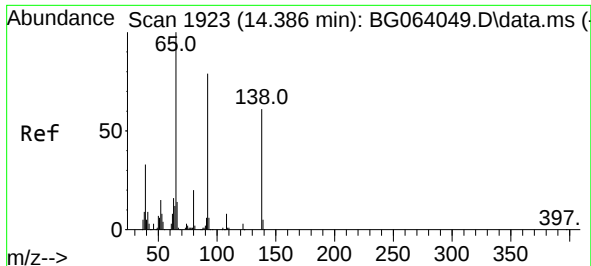
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#52
Acenaphthene
Concen: 53.668 ng
RT: 14.550 min Scan# 1951
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

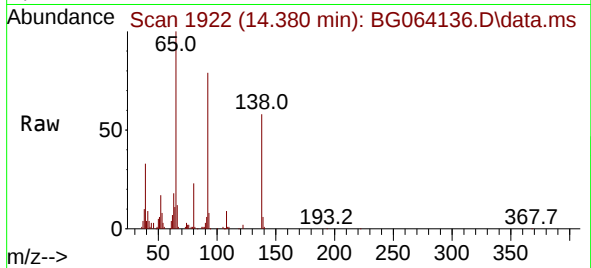
Tgt Ion:154 Resp: 306320
Ion Ratio Lower Upper
154 100
153 113.3 91.6 137.4
152 52.5 42.5 63.7





#53
3-Nitroaniline
Concen: 30.516 ng
RT: 14.380 min Scan# 1923
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

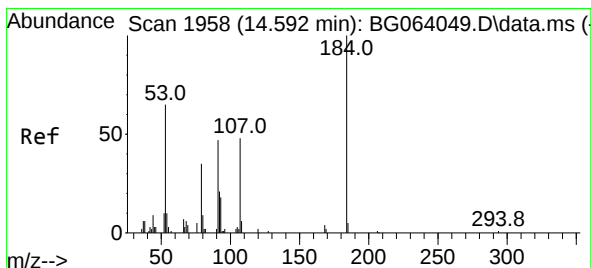
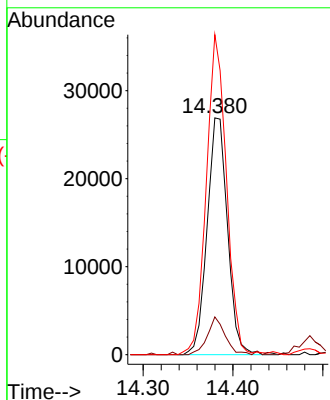
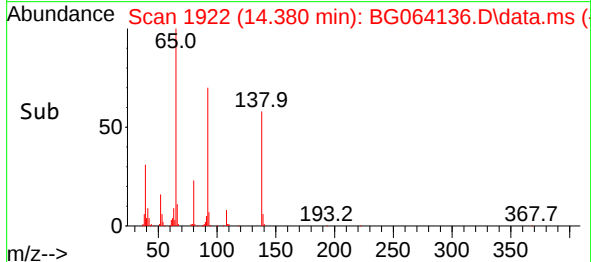
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion:138 Resp: 42484
Ion Ratio Lower Upper
138 100
108 15.9 10.1 15.1
92 135.1 104.1 156.1

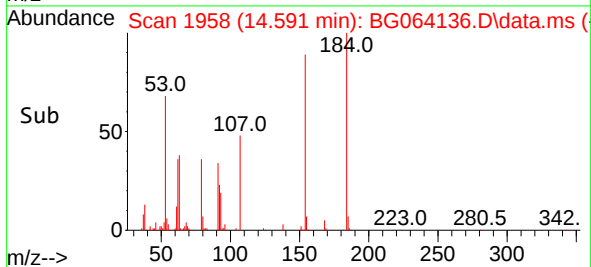
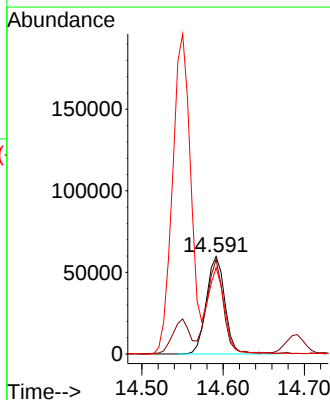
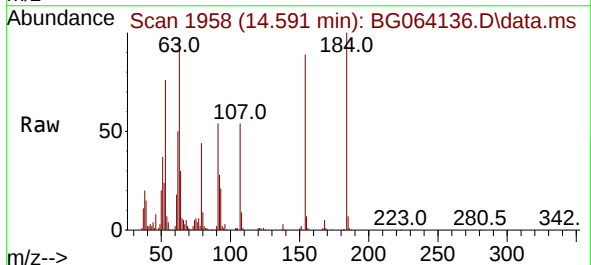
Manual Integrations
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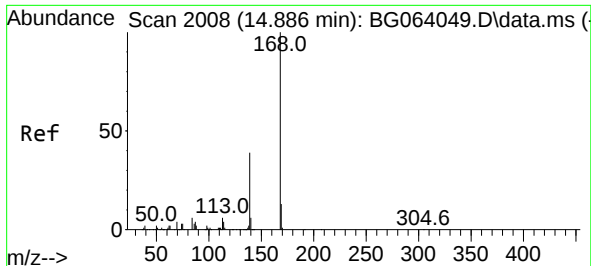
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#54
2,4-Dinitrophenol
Concen: 148.264 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

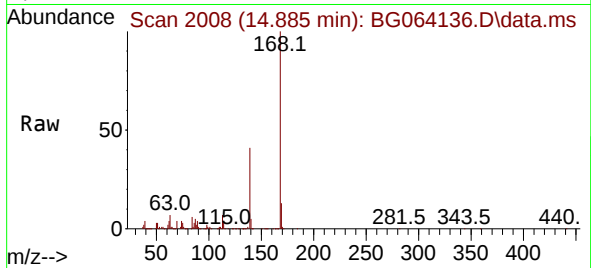
Tgt Ion:184 Resp: 94881
Ion Ratio Lower Upper
184 100
63 96.6 57.5 86.3#
154 88.6 52.3 78.5#





#55
Dibenzenofuran
Concen: 52.546 ng
RT: 14.885 min Scan# 2008
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

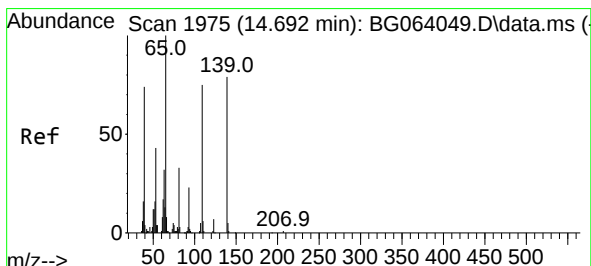
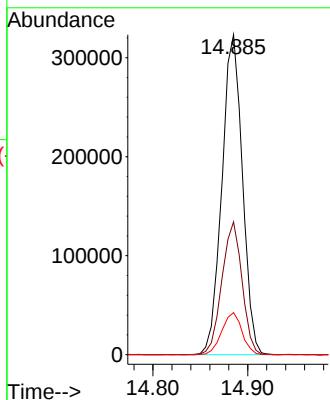
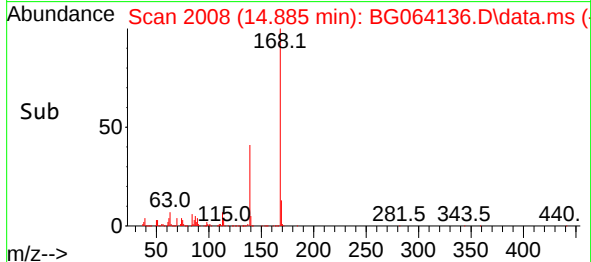
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



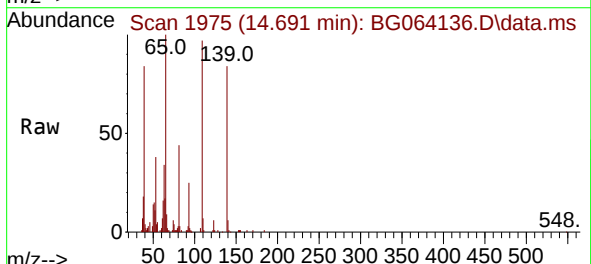
Tgt Ion:168 Resp: 48585
Ion Ratio Lower Upper
168 100
139 41.5 31.1 46.7
169 13.2 10.5 15.7

Manual Integrations
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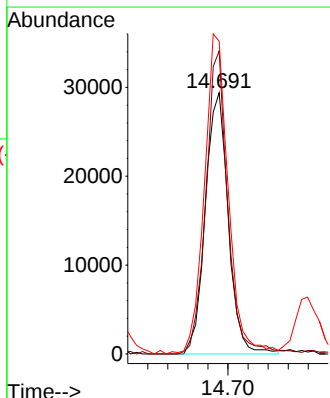
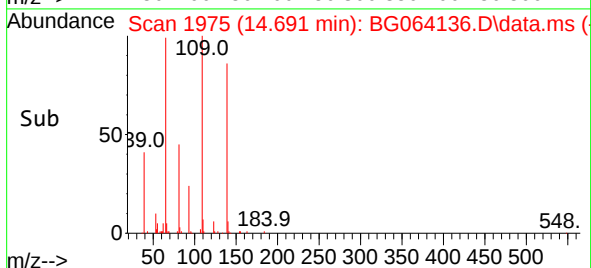
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

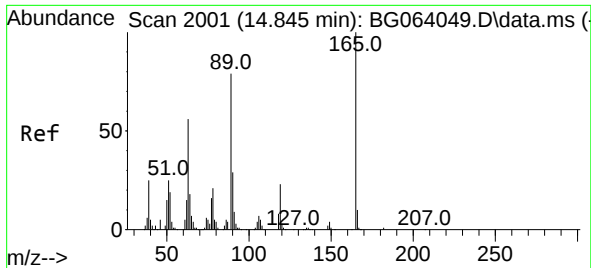


#56
4-Nitrophenol
Concen: 40.041 ng
RT: 14.691 min Scan# 1975
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44



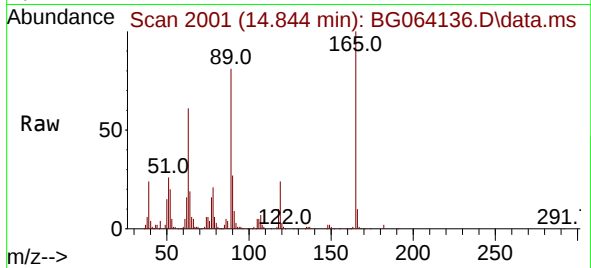
Tgt Ion:139 Resp: 46751
Ion Ratio Lower Upper
139 100
109 116.0 74.9 114.9#
65 119.7 106.8 146.8





#57
2,4-Dinitrotoluene
Concen: 62.667 ng
RT: 14.844 min Scan# 2001
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

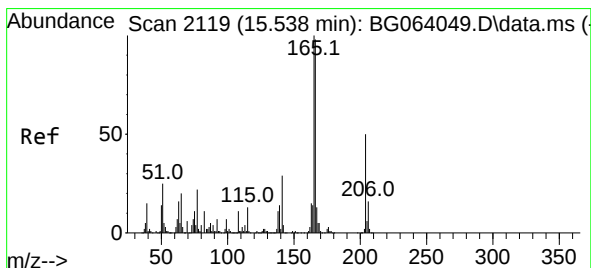
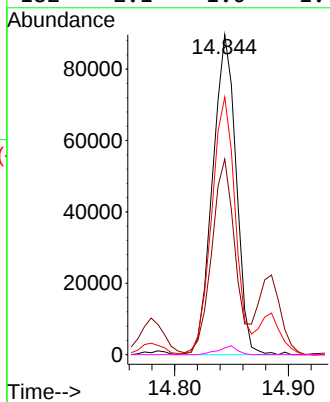
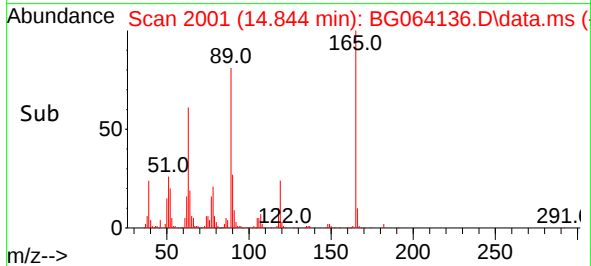
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion:165 Resp: 12879
Ion Ratio Lower Upper
165 100
63 61.1 45.0 67.6
89 80.5 63.1 94.7
182 2.1 1.0 1.4#

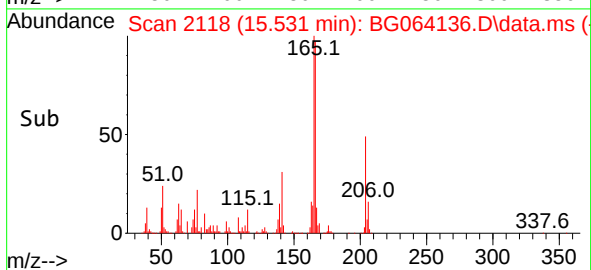
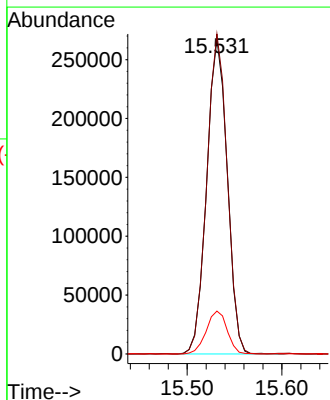
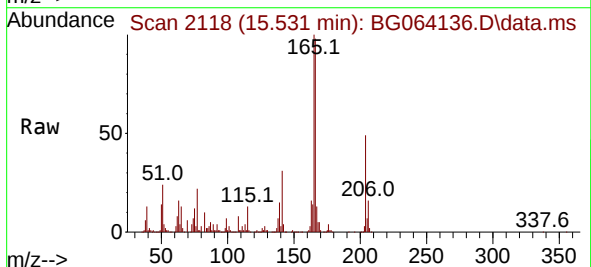
Manual Integrations
APPROVED

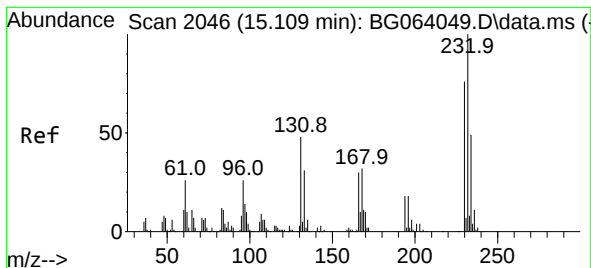
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#58
Fluorene
Concen: 56.077 ng
RT: 15.531 min Scan# 2118
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

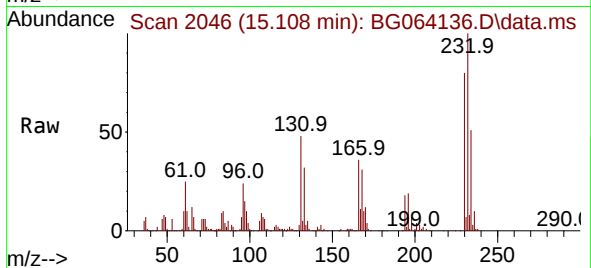
Tgt Ion:166 Resp: 403841
Ion Ratio Lower Upper
166 100
165 101.7 81.8 122.8
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 64.466 ng
RT: 15.108 min Scan# 2046
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

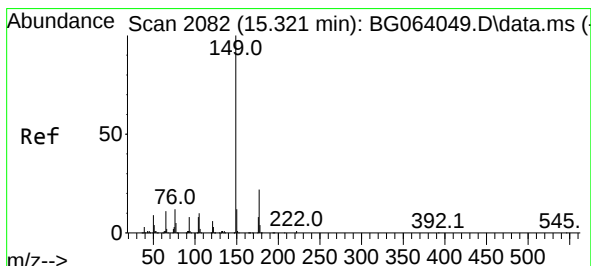
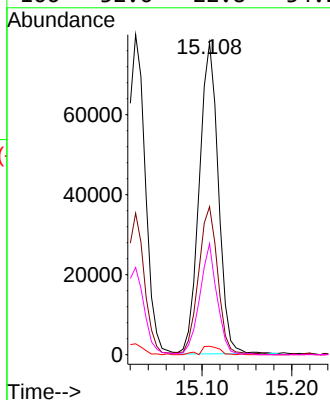
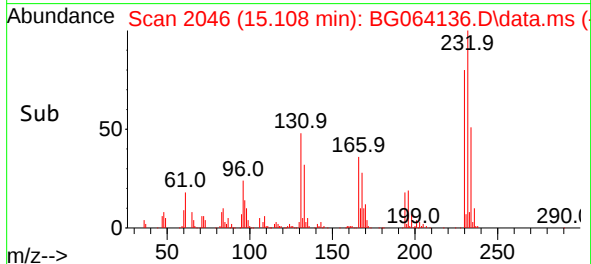
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



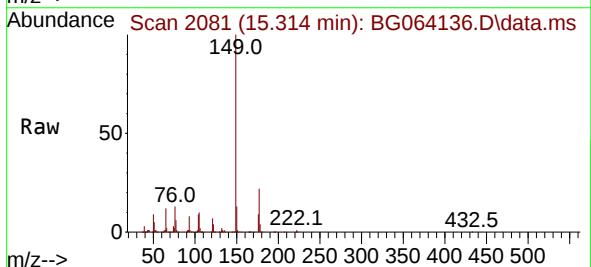
Tgt Ion:232 Resp: 114658
Ion Ratio Lower Upper
232 100
131 48.4 36.3 54.5
130 2.7 1.9 2.9
166 32.6 22.8 34.2

Manual Integrations
APPROVED

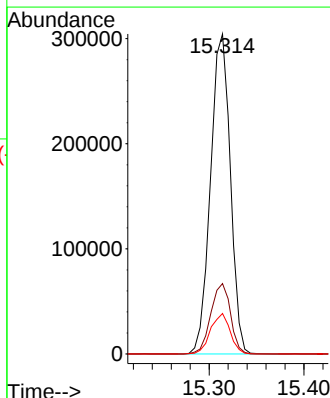
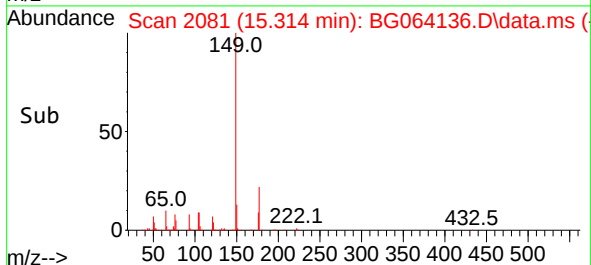
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

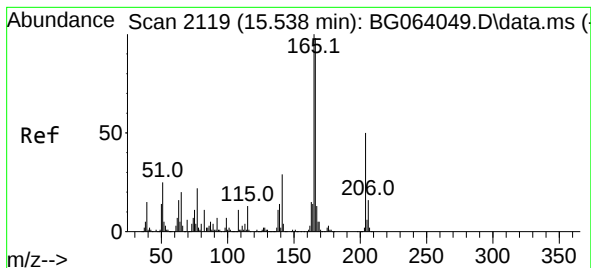


#60
Diethylphthalate
Concen: 56.347 ng
RT: 15.314 min Scan# 2081
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44



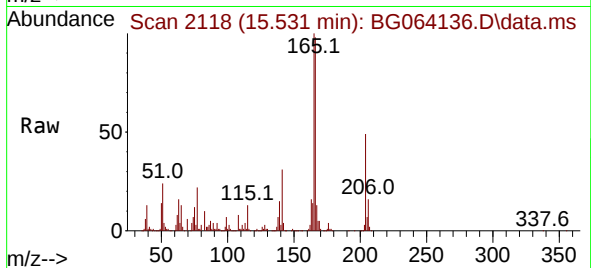
Tgt Ion:149 Resp: 440628
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.2
150 12.7 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 54.171 ng
RT: 15.531 min Scan# 2118
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

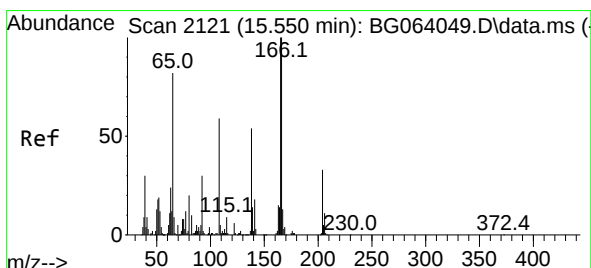
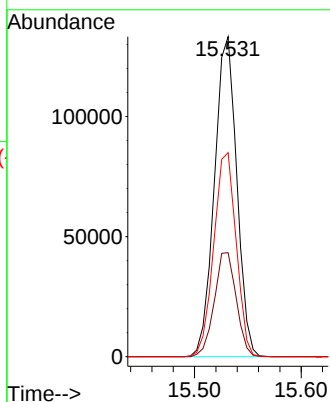
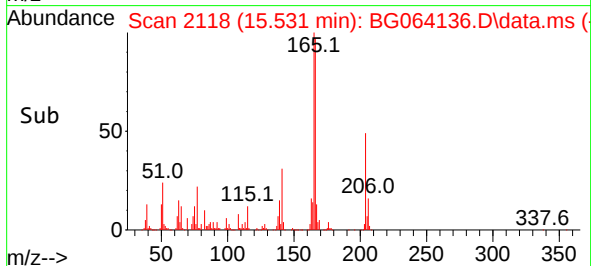
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



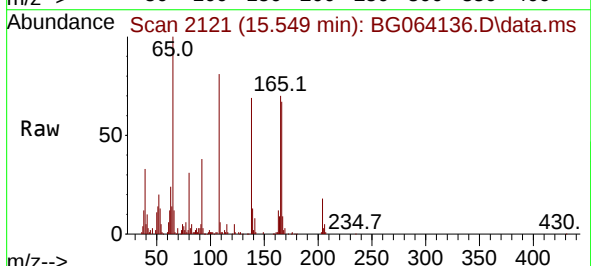
Tgt Ion:204 Resp: 193862
Ion Ratio Lower Upper
204 100
206 32.5 25.5 38.3
141 63.7 45.4 68.0

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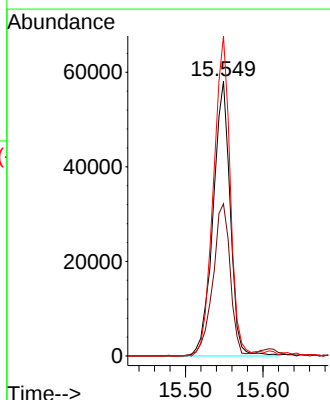
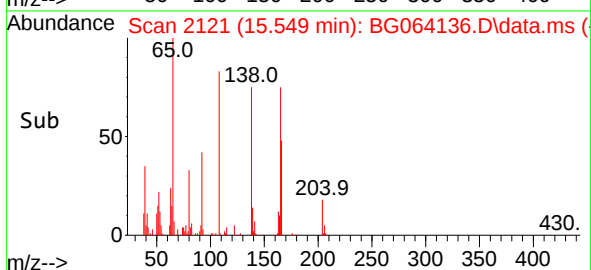
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

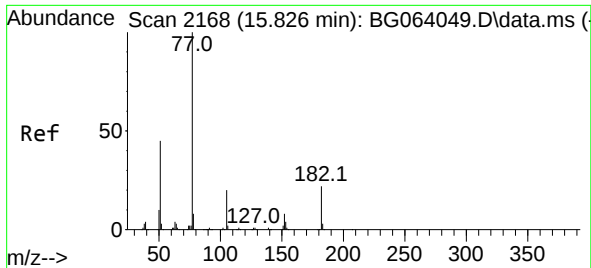


#62
4-Nitroaniline
Concen: 59.328 ng
RT: 15.549 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44



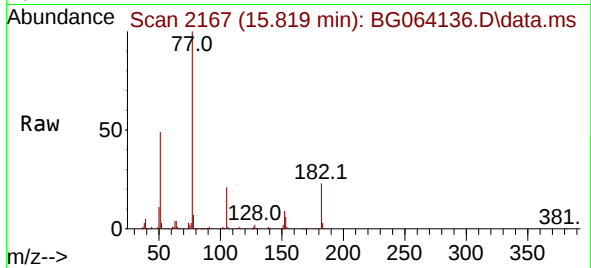
Tgt Ion:138 Resp: 89173
Ion Ratio Lower Upper
138 100
92 55.4 36.1 76.1
108 116.5 87.9 127.9





#63
Azobenzene
Concen: 54.036 ng
RT: 15.819 min Scan# 2168
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

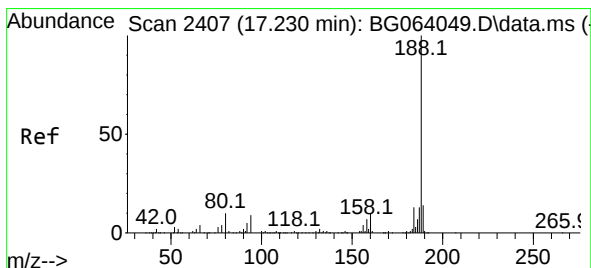
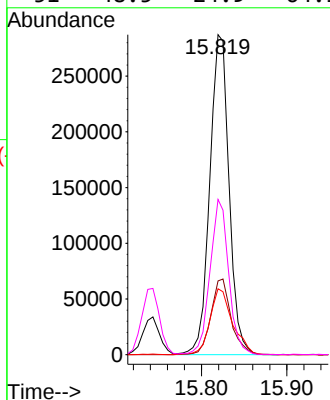
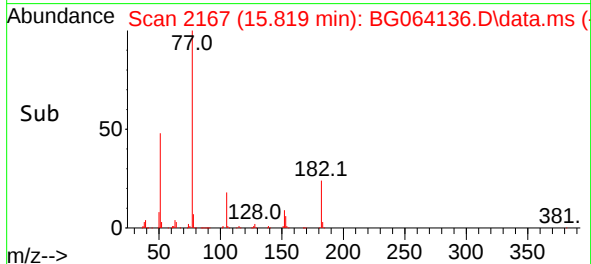
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion: 77 Resp: 450900
Ion Ratio Lower Upper
77 100
182 23.1 2.4 42.4
105 20.6 0.0 40.0
51 48.5 24.9 64.9

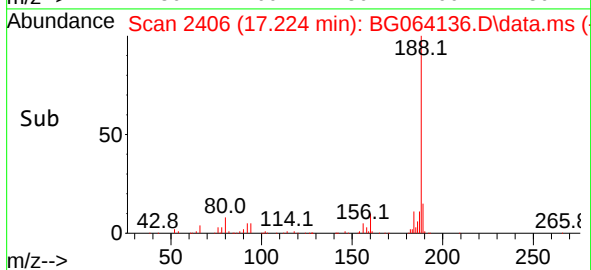
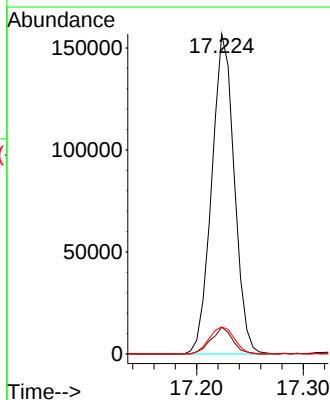
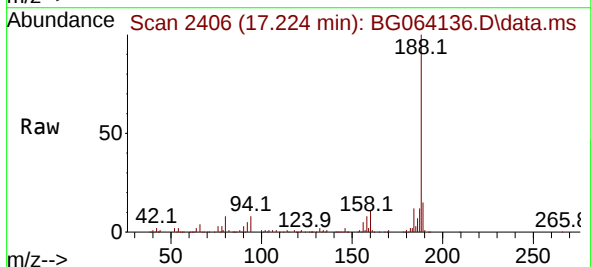
Manual Integrations
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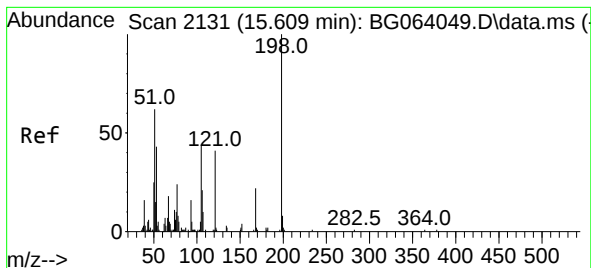
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

Tgt Ion:188 Resp: 230185
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 8.5 8.1 12.1





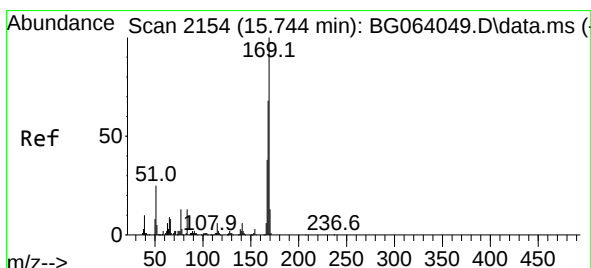
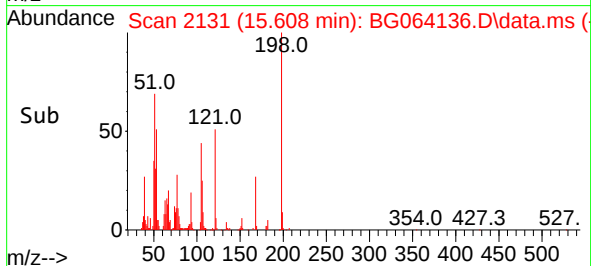
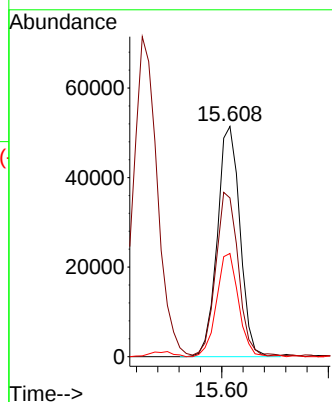
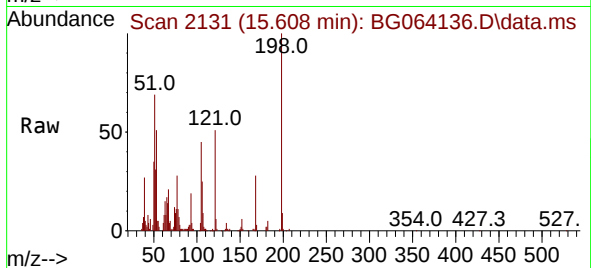
#65
4,6-Dinitro-2-methylphenol
Concen: 71.307 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD

Tgt Ion:198 Resp: 75669
Ion Ratio Lower Upper
198 100
51 69.0 45.6 85.6
105 44.8 25.3 65.3

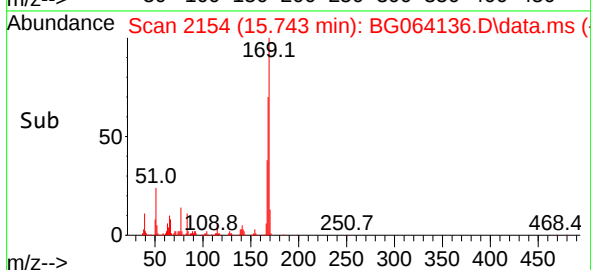
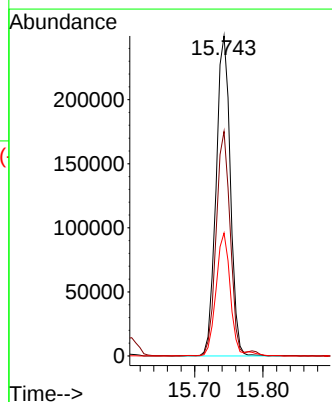
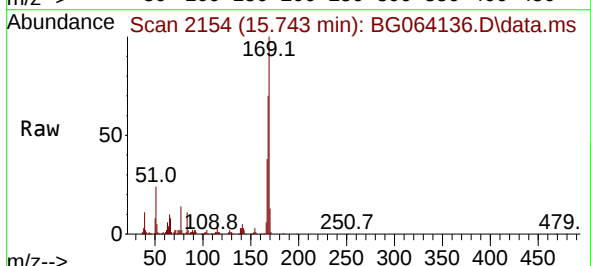
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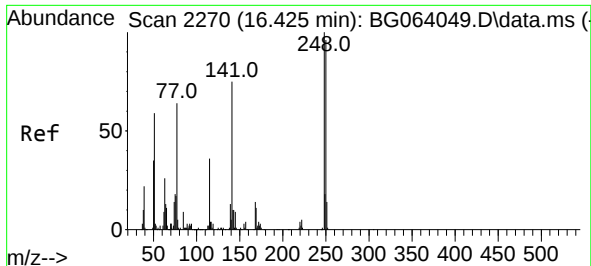
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#66
n-Nitrosodiphenylamine
Concen: 55.739 ng
RT: 15.743 min Scan# 2154
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

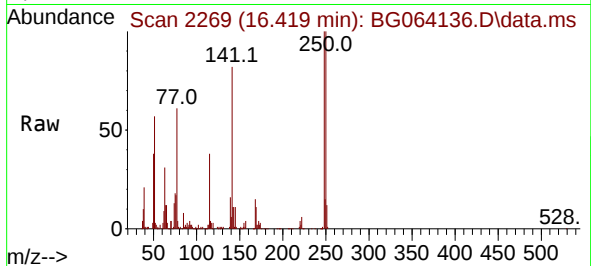
Tgt Ion:169 Resp: 363176
Ion Ratio Lower Upper
169 100
168 70.1 54.1 81.1
167 38.4 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 57.329 ng
RT: 16.419 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

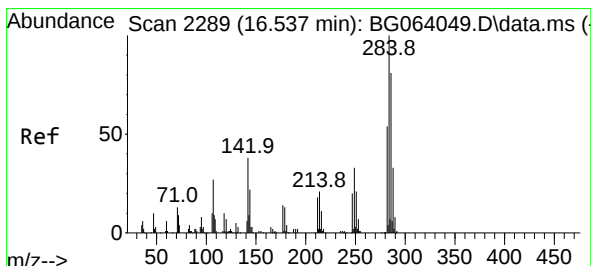
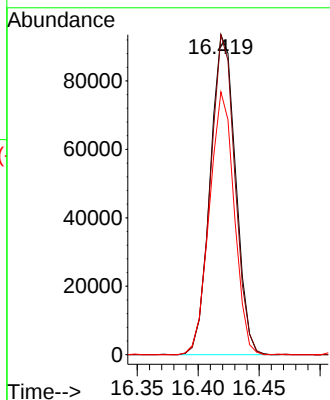
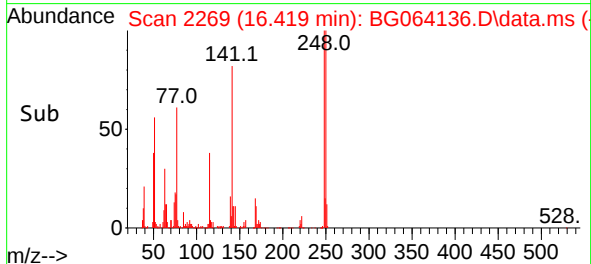
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion:248 Resp: 135154
Ion Ratio Lower Upper
248 100
250 99.9 77.1 115.7
141 82.1 59.8 89.8

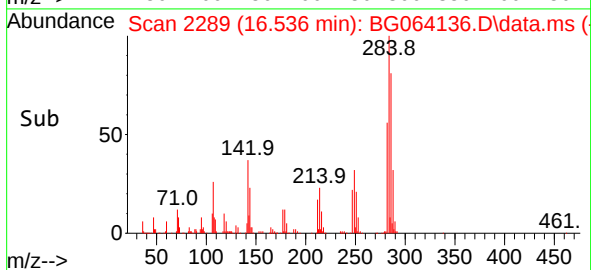
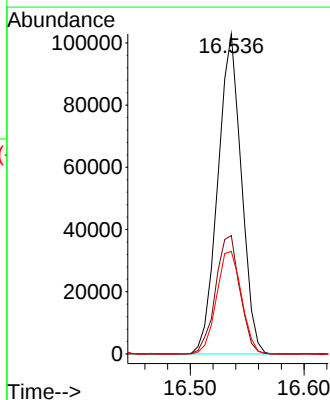
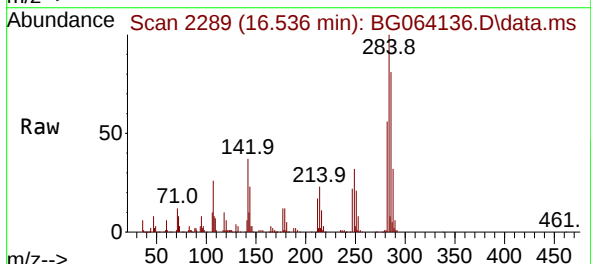
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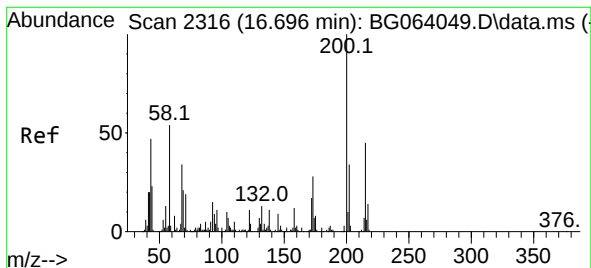
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#68
Hexachlorobenzene
Concen: 56.101 ng
RT: 16.536 min Scan# 2289
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

Tgt Ion:284 Resp: 148071
Ion Ratio Lower Upper
284 100
142 37.0 30.6 45.8
249 32.0 26.6 39.8





#69

Atrazine

Concen: 82.233 ng

RT: 16.695 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064136.D

Acq: 1 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-001-01-06MSD

Tgt Ion:200 Resp: 157650

Ion Ratio Lower Upper

200 100

173 25.7 8.2 48.2

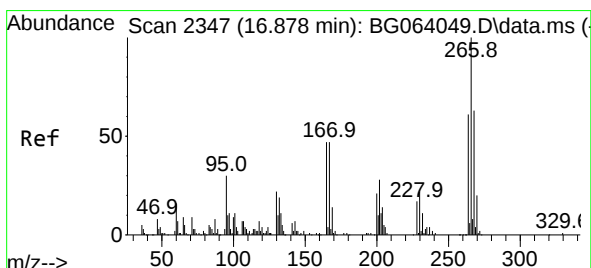
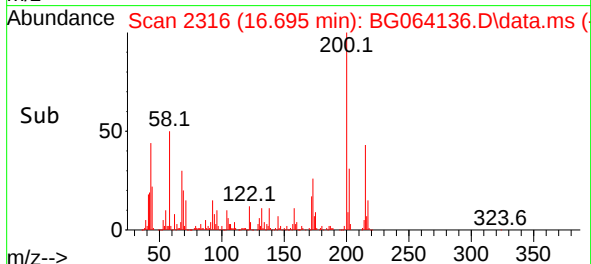
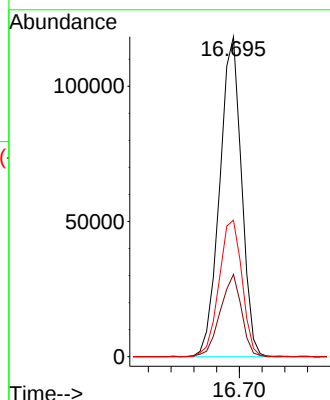
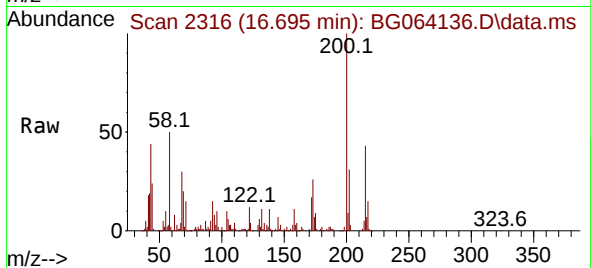
215 42.6 25.5 65.5

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Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#70

Pentachlorophenol

Concen: 131.048 ng

RT: 16.877 min Scan# 2347

Delta R.T. -0.001 min

Lab File: BG064136.D

Acq: 1 Apr 2025 15:44

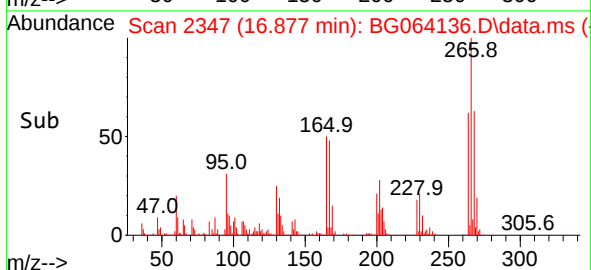
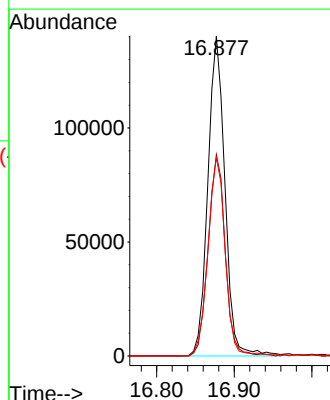
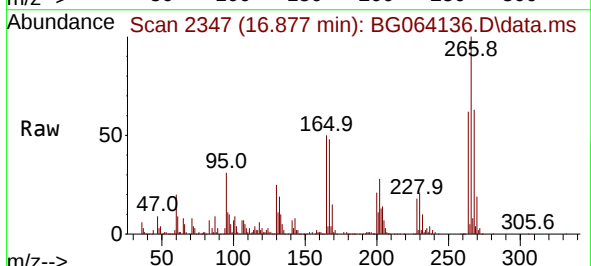
Tgt Ion:266 Resp: 214754

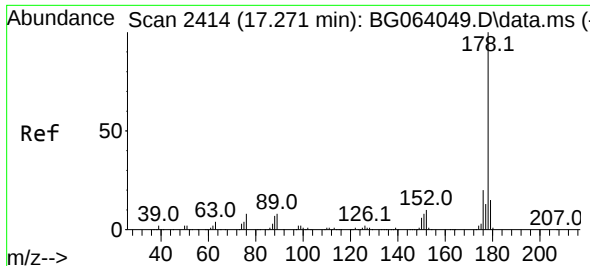
Ion Ratio Lower Upper

266 100

268 62.9 50.2 75.4

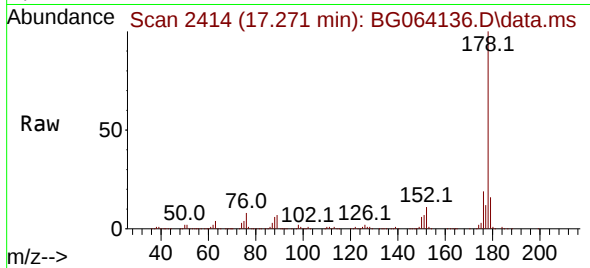
264 62.0 48.9 73.3





#71
Phenanthrene
Concen: 58.220 ng
RT: 17.271 min Scan# 2414
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

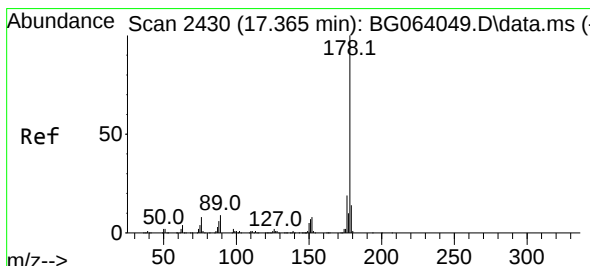
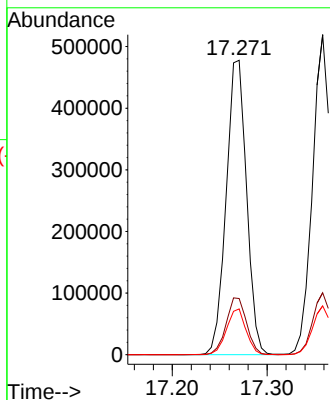
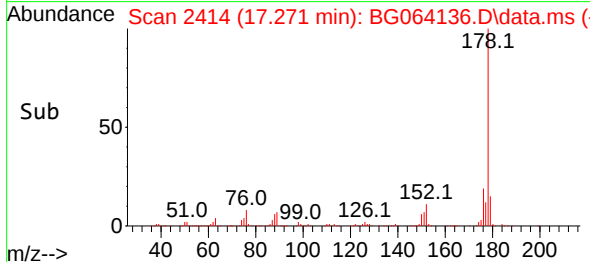
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion:178 Resp: 714802
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.5 12.2 18.2

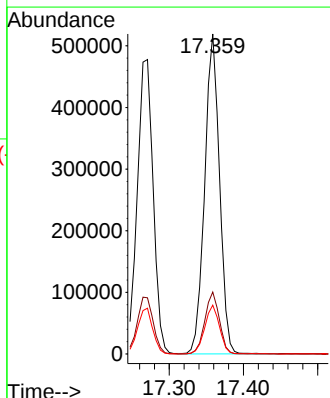
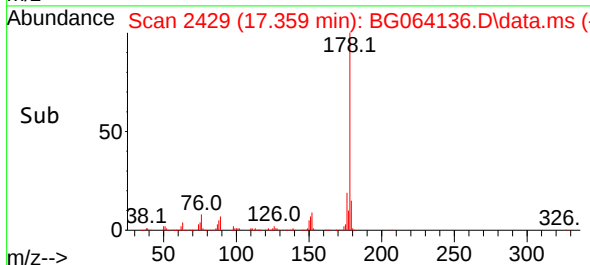
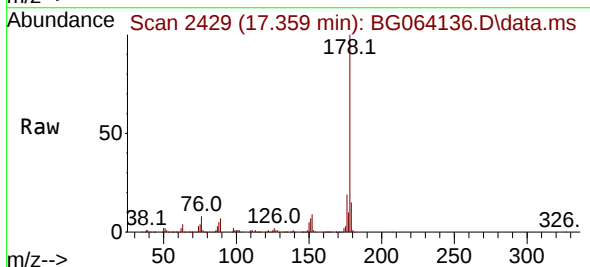
Manual Integrations
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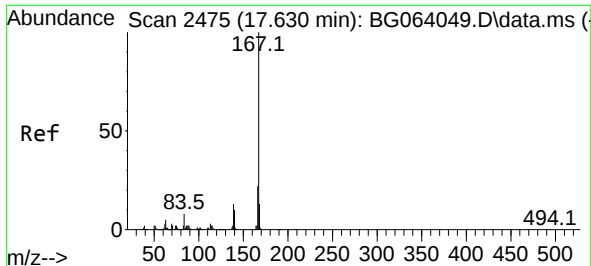
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#72
Anthracene
Concen: 59.111 ng
RT: 17.359 min Scan# 2429
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

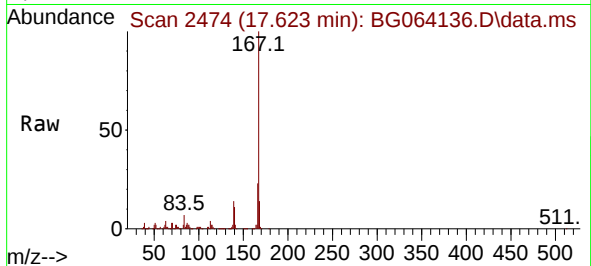
Tgt Ion:178 Resp: 721645
Ion Ratio Lower Upper
178 100
176 19.4 14.8 22.2
179 15.3 11.5 17.3





#73
 Carbazole
 Concen: 60.323 ng
 RT: 17.623 min Scan# 2475
 Delta R.T. -0.007 min
 Lab File: BG064136.D
 Acq: 1 Apr 2025 15:44

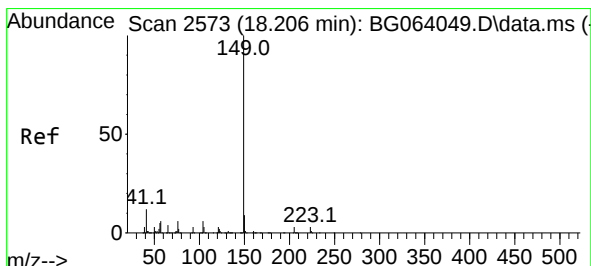
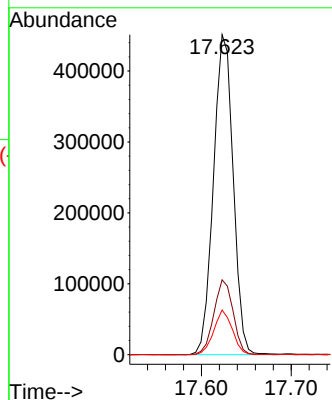
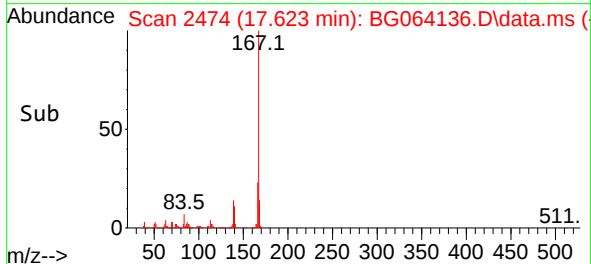
Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-001-01-06MSD



Tgt Ion:167 Resp: 68758
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.0 27.0
 139 14.0 10.6 15.8

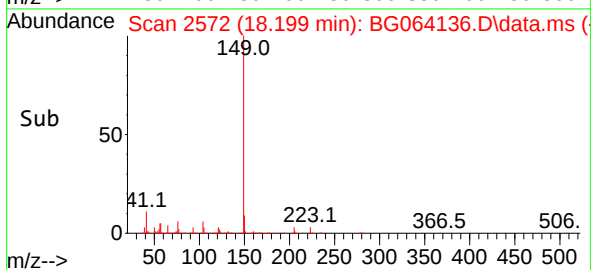
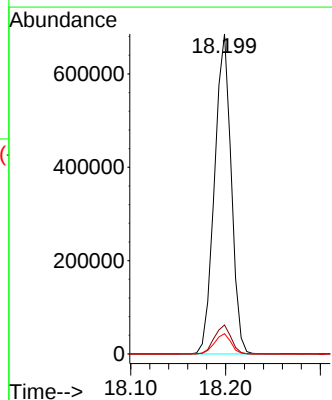
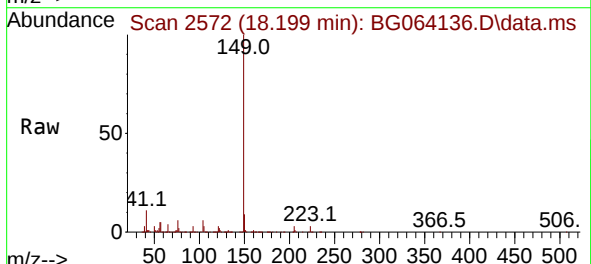
Manual Integrations
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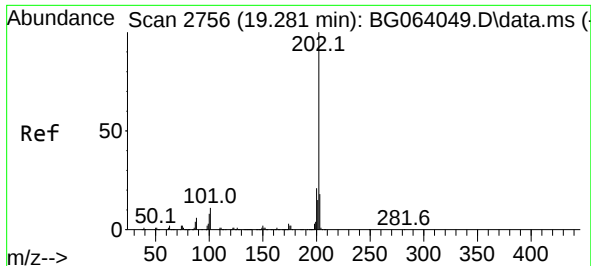
Reviewed By :Anahy Claudio 04/02/2025
 Supervised By :Jagrut Upadhyay 04/02/2025



#74
 Di-n-butylphthalate
 Concen: 62.339 ng
 RT: 18.199 min Scan# 2572
 Delta R.T. -0.007 min
 Lab File: BG064136.D
 Acq: 1 Apr 2025 15:44

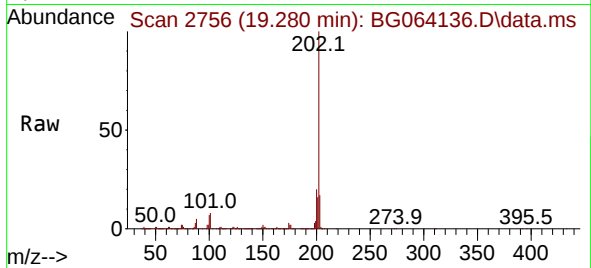
Tgt Ion:149 Resp: 836411
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 6.3 5.0 7.6





#75
Fluoranthene
Concen: 58.612 ng
RT: 19.280 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

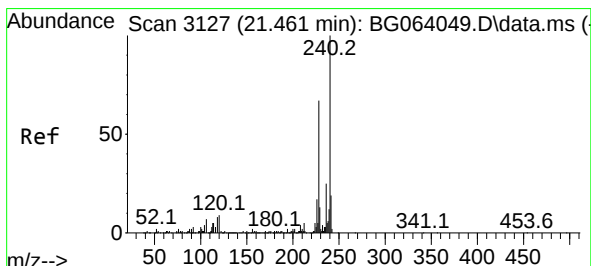
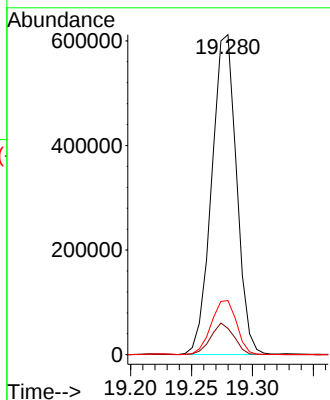
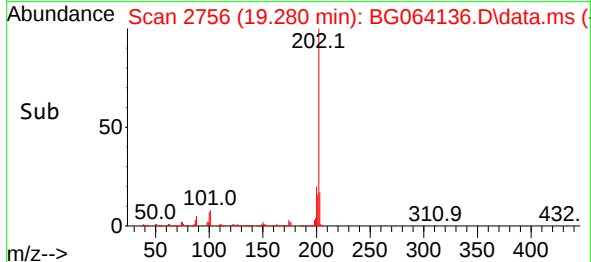
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion:202 Resp: 867550
Ion Ratio Lower Upper
202 100
101 8.2 0.0 30.5
203 16.9 0.0 38.3

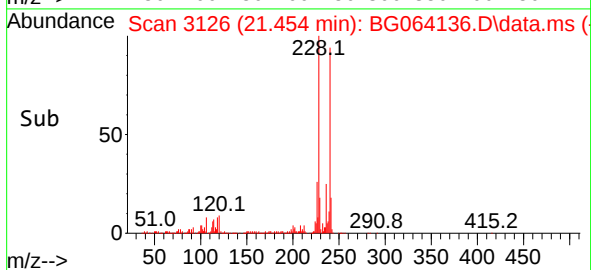
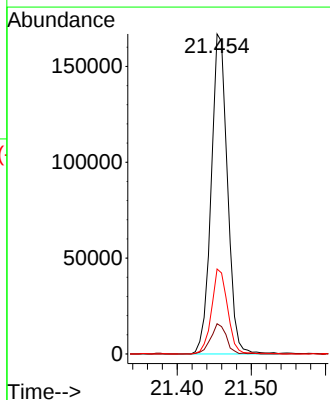
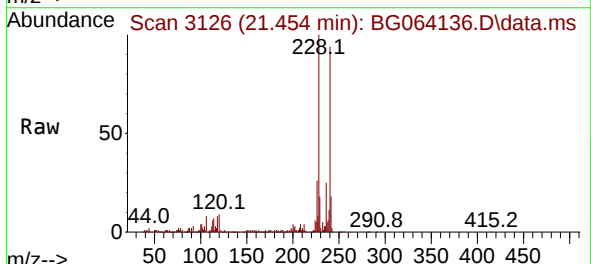
Manual Integrations
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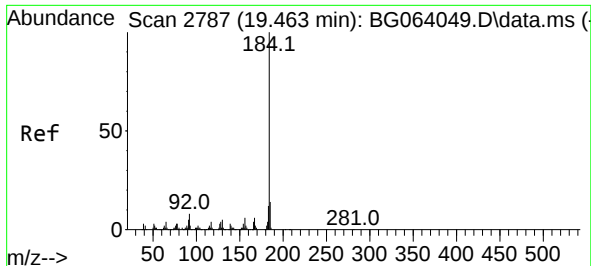
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

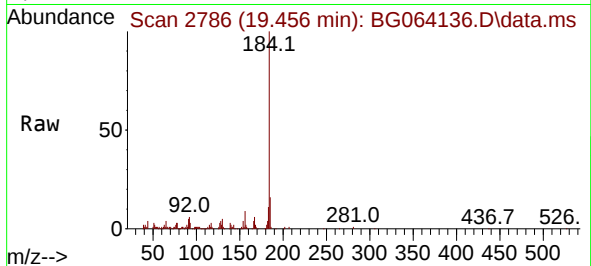
Tgt Ion:240 Resp: 254217
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 26.5 20.2 30.2





#77
Benzidine
Concen: 26.312 ng
RT: 19.456 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

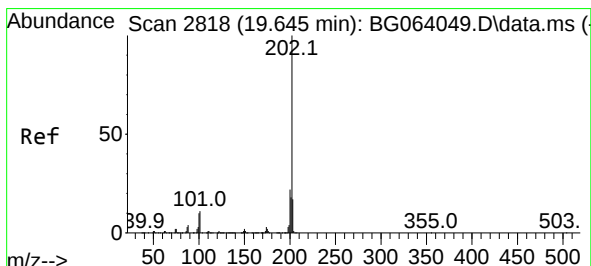
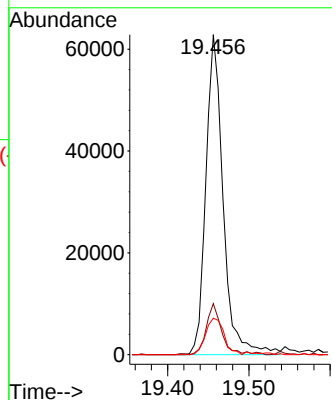
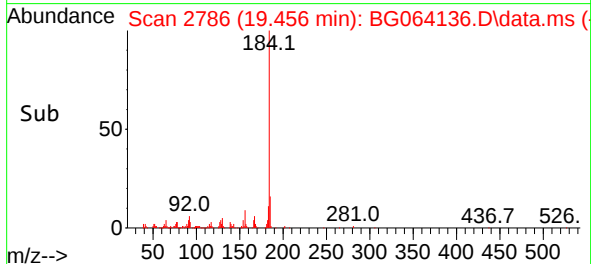
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion:184 Resp: 92624
Ion Ratio Lower Upper
184 100
185 16.0 11.3 16.9
183 11.4 9.5 14.3

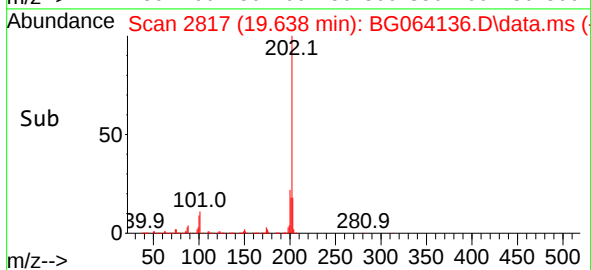
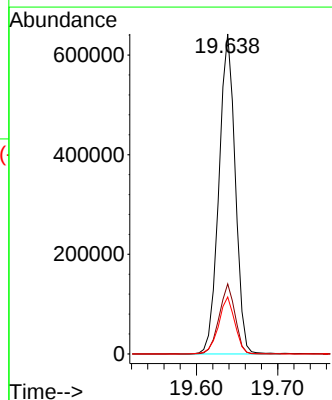
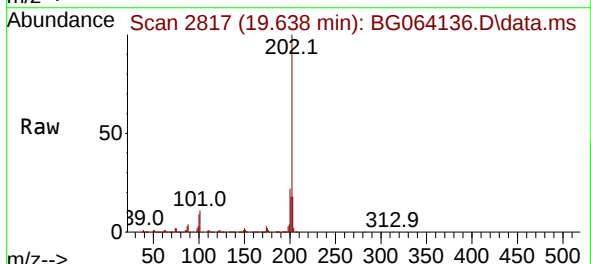
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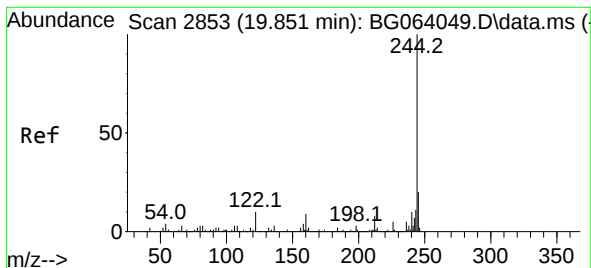
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#78
Pyrene
Concen: 54.732 ng
RT: 19.638 min Scan# 2817
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

Tgt Ion:202 Resp: 896907
Ion Ratio Lower Upper
202 100
200 21.9 17.3 25.9
203 17.8 13.6 20.4





#79

Terphenyl-d14

Concen: 105.304 ng

RT: 19.844 min Scan# 2853

Delta R.T. -0.007 min

Lab File: BG064136.D

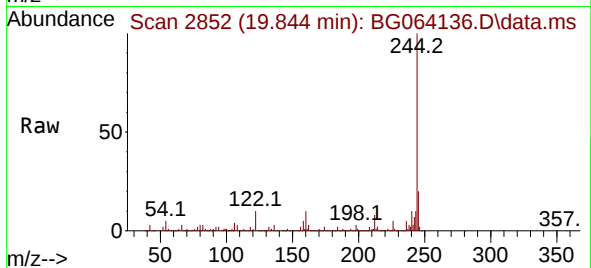
Acq: 1 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-001-01-06MSD



Tgt Ion:244 Resp: 132394

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

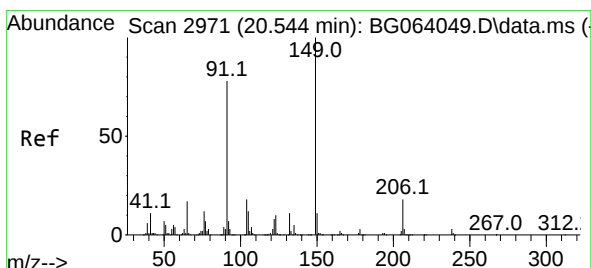
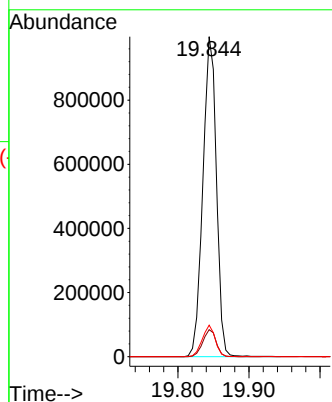
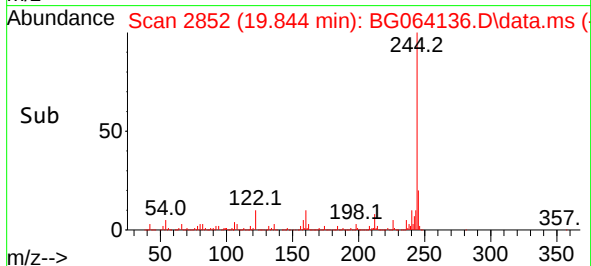
122 9.8 8.0 12.0

Manual Integrations

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Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#80

Butylbenzylphthalate

Concen: 61.723 ng

RT: 20.537 min Scan# 2970

Delta R.T. -0.007 min

Lab File: BG064136.D

Acq: 1 Apr 2025 15:44

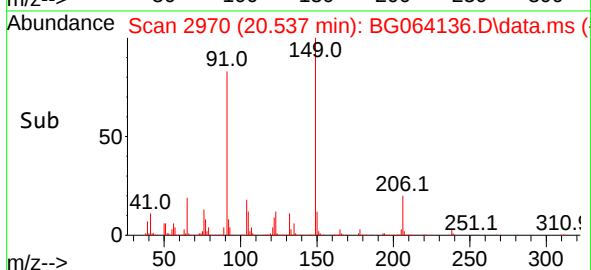
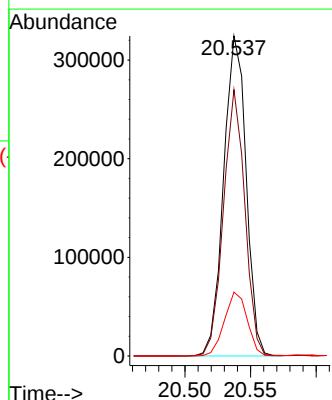
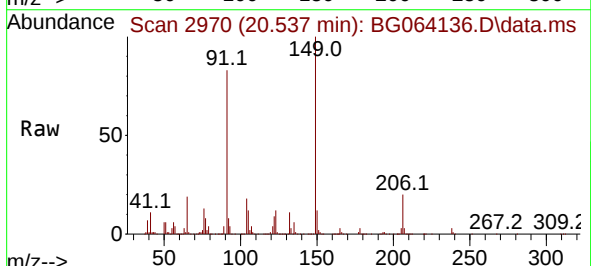
Tgt Ion:149 Resp: 386471

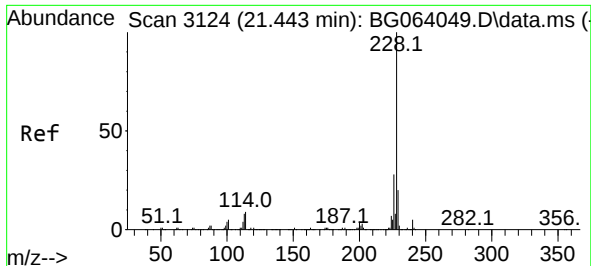
Ion Ratio Lower Upper

149 100

91 83.2 62.0 93.0

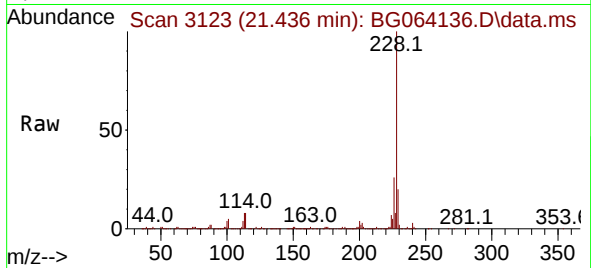
206 19.9 14.6 21.8





#81
Benzo(a)anthracene
Concen: 57.917 ng
RT: 21.436 min Scan# 3124
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

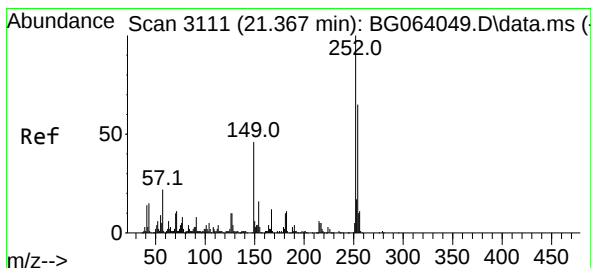
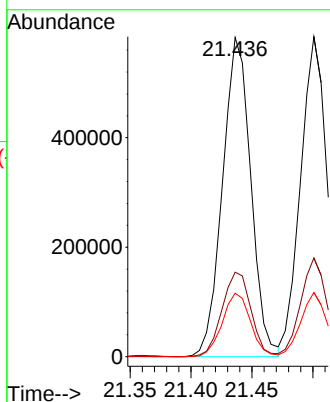
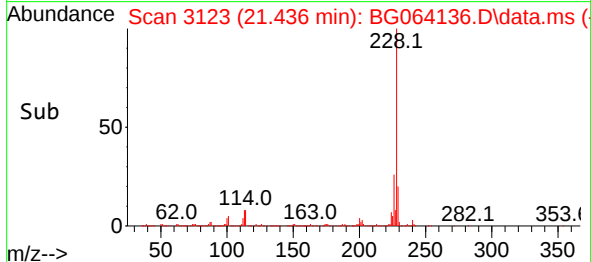
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion:228 Resp: 943149
Ion Ratio Lower Upper
228 100
226 26.5 22.2 33.2
229 19.9 16.4 24.6

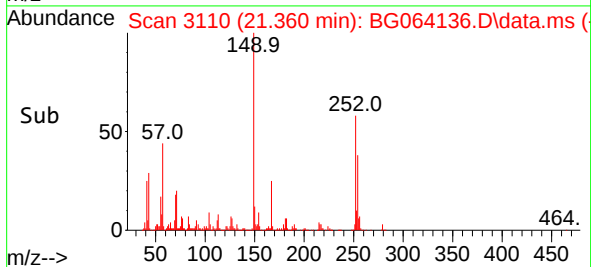
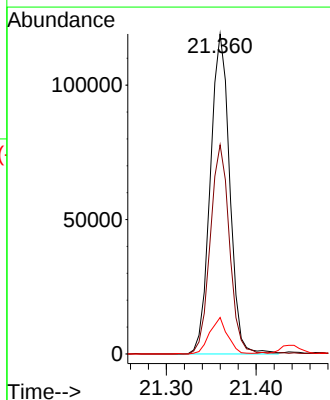
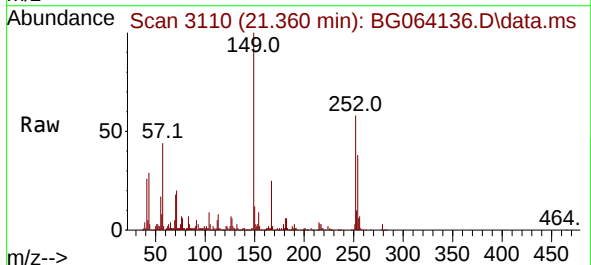
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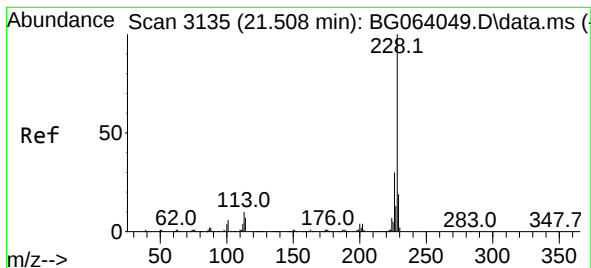
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#82
3,3'-Dichlorobenzidine
Concen: 33.828 ng
RT: 21.360 min Scan# 3110
Delta R.T. -0.007 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

Tgt Ion:252 Resp: 178281
Ion Ratio Lower Upper
252 100
254 65.4 52.1 78.1
126 11.4 7.8 11.8





#83

Chrysene

Concen: 54.829 ng

RT: 21.501 min Scan# 3113

Delta R.T. -0.007 min

Lab File: BG064136.D

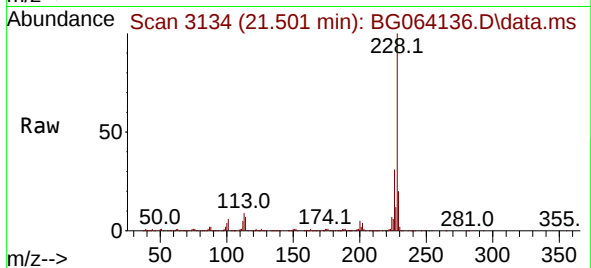
Acq: 1 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-001-01-06MSD



Tgt Ion:228 Resp: 890508

Ion Ratio Lower Upper

228 100

226 30.8 23.9 35.9

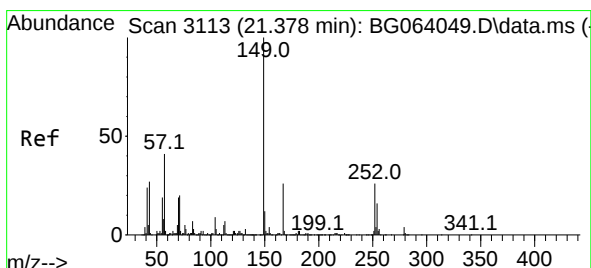
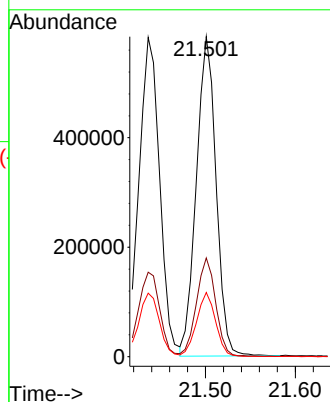
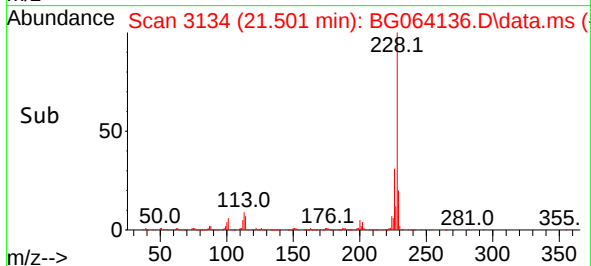
229 20.1 15.3 22.9

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Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.138 ng

RT: 21.372 min Scan# 3112

Delta R.T. -0.007 min

Lab File: BG064136.D

Acq: 1 Apr 2025 15:44

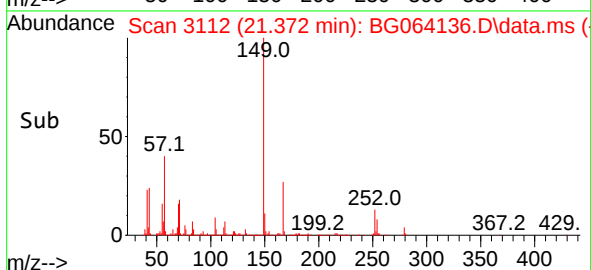
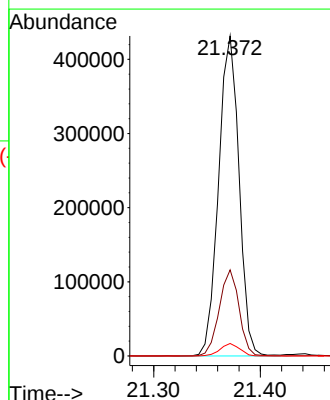
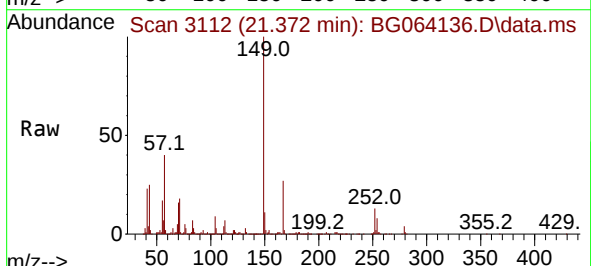
Tgt Ion:149 Resp: 573663

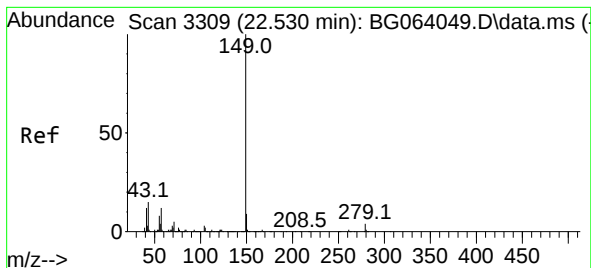
Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.6

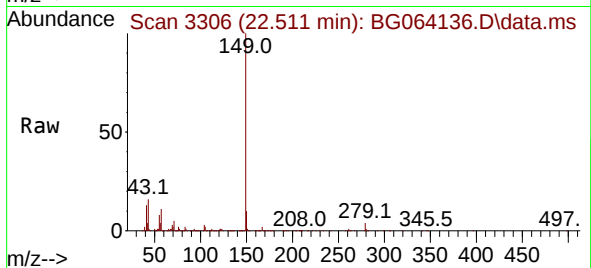
279 3.9 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 65.521 ng
RT: 22.511 min Scan# 31
Delta R.T. -0.019 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

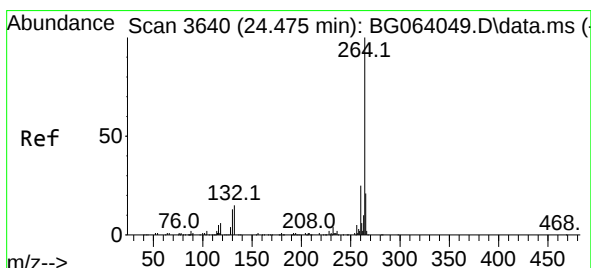
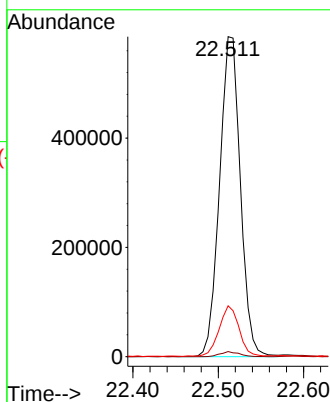
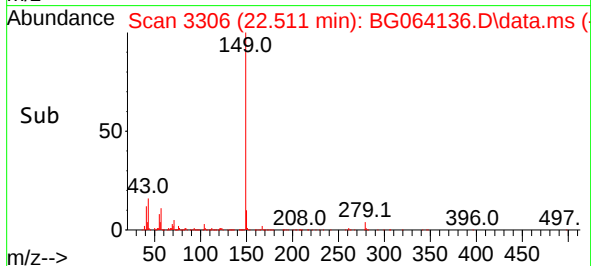
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-06MSD



Tgt Ion:149 Resp: 995308
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 15.1 12.6 19.0

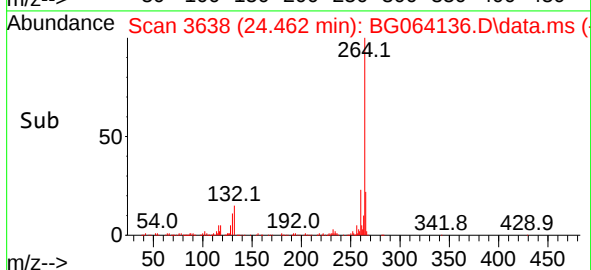
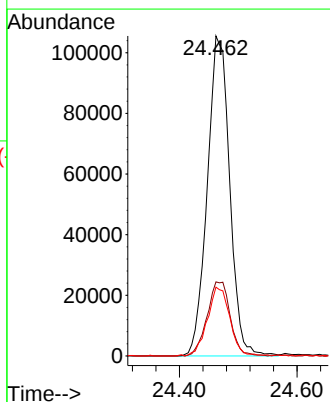
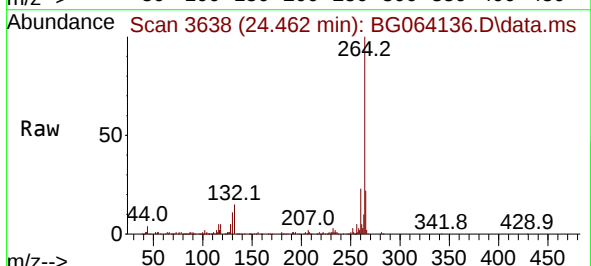
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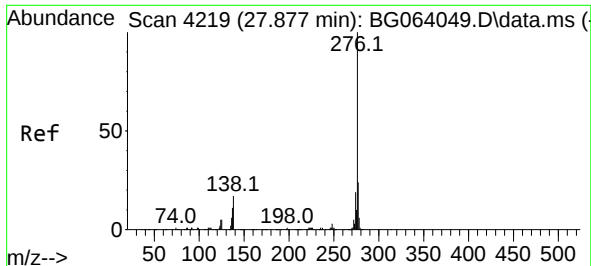
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3638
Delta R.T. -0.013 min
Lab File: BG064136.D
Acq: 1 Apr 2025 15:44

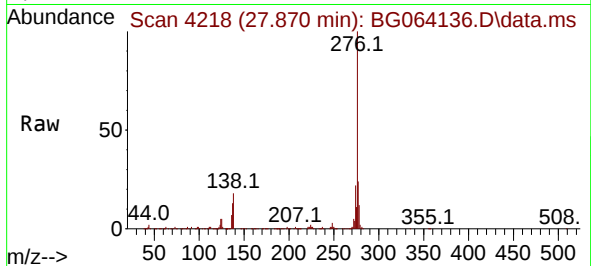
Tgt Ion:264 Resp: 279147
Ion Ratio Lower Upper
264 100
260 23.1 19.6 29.4
265 21.5 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 59.332 ng
 RT: 27.870 min Scan# 4219
 Delta R.T. -0.007 min
 Lab File: BG064136.D
 Acq: 1 Apr 2025 15:44

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-001-01-06MSD

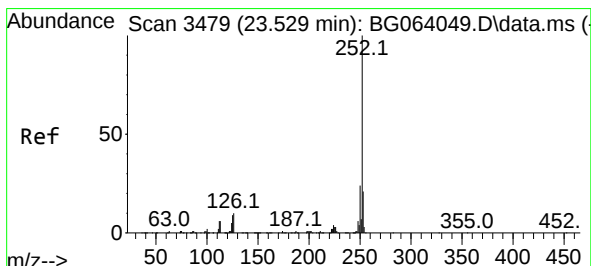
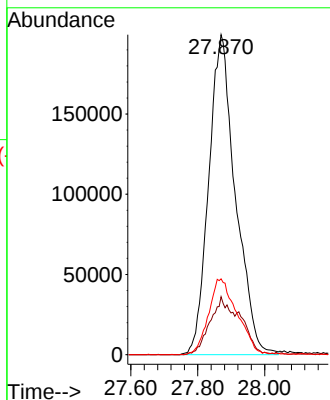
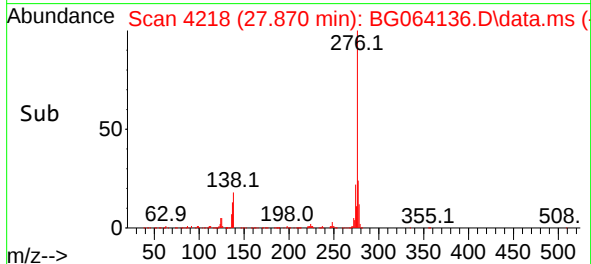


Tgt Ion:276 Resp: 1108149

Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.1	18.1
277	25.3	20.0	30.0

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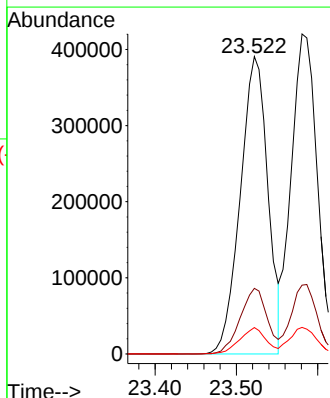
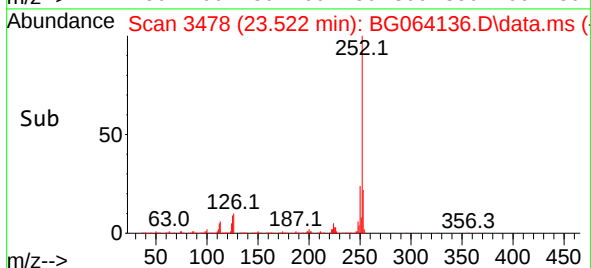
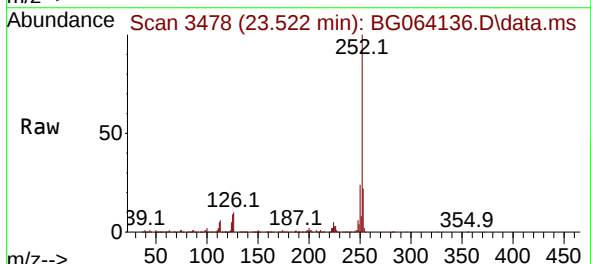
Reviewed By :Anahy Claudio 04/02/2025
 Supervised By :Jagrut Upadhyay 04/02/2025

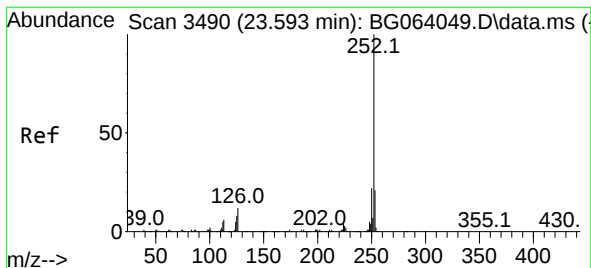


#88
 Benzo(b)fluoranthene
 Concen: 54.663 ng
 RT: 23.522 min Scan# 3478
 Delta R.T. -0.007 min
 Lab File: BG064136.D
 Acq: 1 Apr 2025 15:44

Tgt Ion:252 Resp: 922469

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	8.9	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 55.737 ng

RT: 23.581 min Scan# 34

Delta R.T. -0.013 min

Lab File: BG064136.D

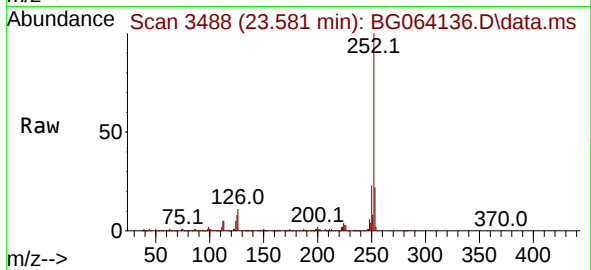
Acq: 1 Apr 2025 15:44

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-001-01-06MSD



Tgt Ion:252 Resp: 94359

Ion Ratio Lower Upper

252 100

253 21.5 16.8 25.2

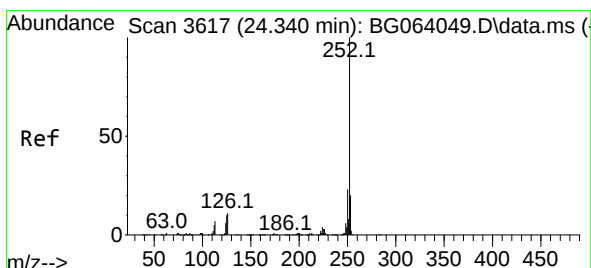
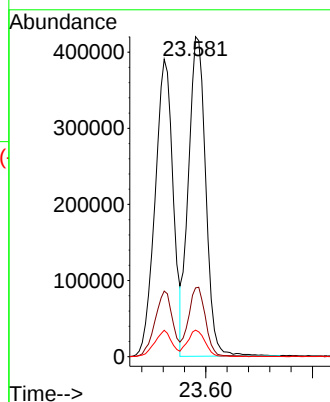
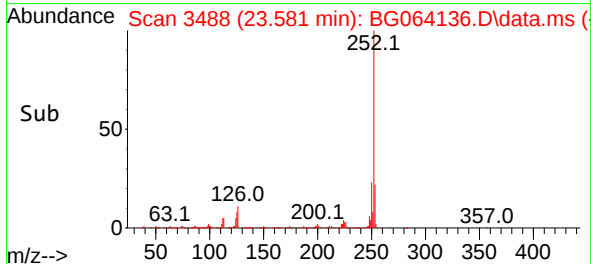
125 8.3 6.9 10.3

Manual Integrations

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Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#90

Benzo(a)pyrene

Concen: 59.877 ng

RT: 24.333 min Scan# 3616

Delta R.T. -0.007 min

Lab File: BG064136.D

Acq: 1 Apr 2025 15:44

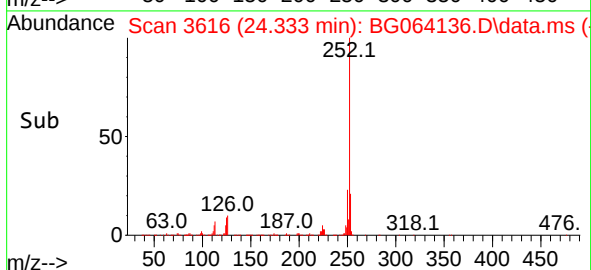
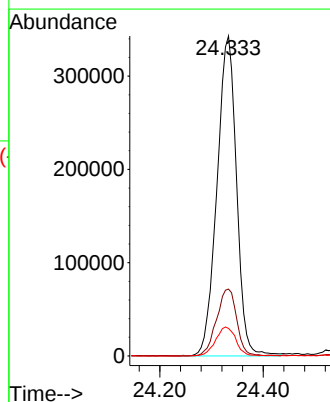
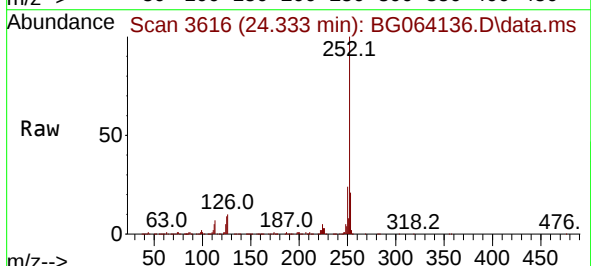
Tgt Ion:252 Resp: 899894

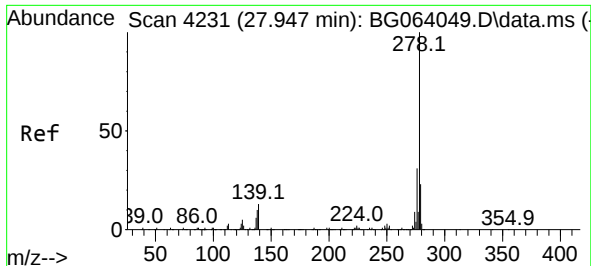
Ion Ratio Lower Upper

252 100

253 20.9 16.2 24.2

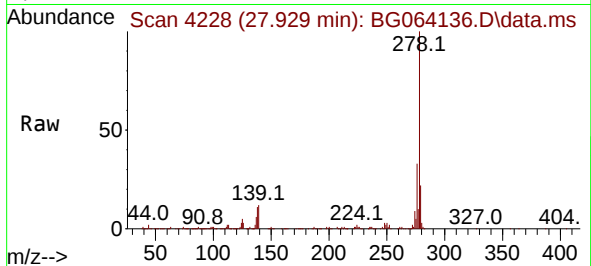
125 8.6 7.8 11.6





#91
 Dibenzo(a,h)anthracene
 Concen: 58.952 ng
 RT: 27.929 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BG064136.D
 Acq: 1 Apr 2025 15:44

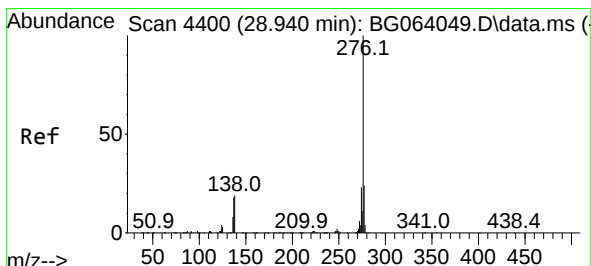
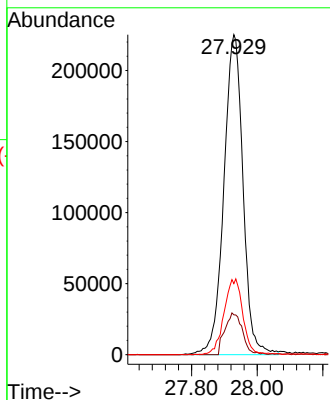
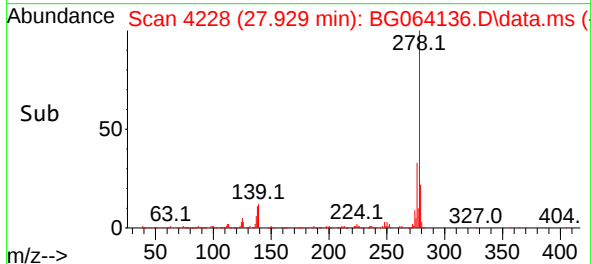
Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-001-01-06MSD



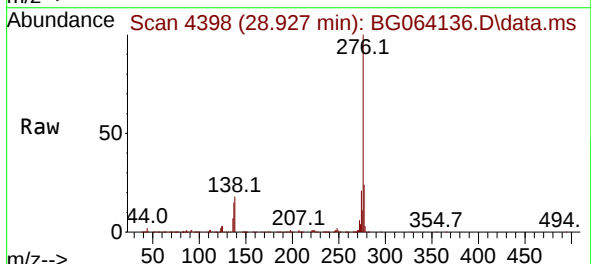
Tgt Ion:278 Resp: 91281
 Ion Ratio Lower Upper
 278 100
 139 12.4 10.2 15.2
 279 22.2 18.1 27.1

Manual Integrations
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Reviewed By :Anahy Claudio 04/02/2025
 Supervised By :Jagrut Upadhyay 04/02/2025



#92
 Benzo(g,h,i)perylene
 Concen: 56.274 ng
 RT: 28.927 min Scan# 4398
 Delta R.T. -0.013 min
 Lab File: BG064136.D
 Acq: 1 Apr 2025 15:44



Tgt Ion:276 Resp: 894624
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.5 29.3
 138 17.7 15.4 23.0

