

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064135.D
 Acq On : 1 Apr 2025 15:03
 Operator : RC/JU
 Sample : Q1664-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-001-01-05MS

Manual Integrations
 APPROVED

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

Quant Time: Apr 01 15:44:53 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	7.861	152	35803	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	150441	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	102278	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	228948	20.000	ng	0.00
76) Chrysene-d12	21.457	240	259874	20.000	ng	0.00
86) Perylene-d12	24.465	264	281028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	136162	59.383	ng	0.00
7) Phenol-d6	7.021	99	104425	33.477	ng	0.00
23) Nitrobenzene-d5	9.013	82	311190	114.310	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	209437	184.219	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	704640	104.574	ng	0.00
79) Terphenyl-d14	19.847	244	1310703	101.982	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.372	88	15647	15.057	ng	93
3) Pyridine	3.760	79	42568	16.844	ng	98
4) n-Nitrosodimethylamine	3.672	42	33665	18.644	ng	99
6) Aniline	7.186	93	68184	22.276	ng	98
8) 2-Chlorophenol	7.426	128	95098	38.616	ng	99
9) Benzaldehyde	6.998	77	84178m	46.401	ng	
10) Phenol	7.050	94	41238	12.912	ng	98
11) bis(2-Chloroethyl)ether	7.285	93	116365	46.476	ng	99
12) 1,3-Dichlorobenzene	7.750	146	96360	35.632	ng	94
13) 1,4-Dichlorobenzene	7.896	146	99652	35.951	ng	99
14) 1,2-Dichlorobenzene	8.214	146	99999	37.413	ng	98
15) Benzyl Alcohol	8.090	79	79663	33.049	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.384	45	249131m	44.251	ng	
17) 2-Methylphenol	8.302	107	69790	32.926	ng	98
18) Hexachloroethane	8.942	117	36819	37.965	ng	92
19) n-Nitroso-di-n-propyla...	8.666	70	108785	49.693	ng	97
20) 3+4-Methylphenols	8.625	107	84543	28.972	ng	96
22) Acetophenone	8.672	105	209755	50.852	ng	97
24) Nitrobenzene	9.054	77	156461	55.613	ng	96
25) Isophorone	9.577	82	297922	54.676	ng	# 94
26) 2-Nitrophenol	9.759	139	60363	58.957	ng	95
27) 2,4-Dimethylphenol	9.824	122	106888	65.436	ng	91
28) bis(2-Chloroethoxy)met...	10.059	93	168759	51.085	ng	# 98
29) 2,4-Dichlorophenol	10.294	162	107792	52.260	ng	99
30) 1,2,4-Trichlorobenzene	10.511	180	112022	44.990	ng	94
31) Naphthalene	10.699	128	370640	45.689	ng	99
32) Benzoic acid	9.912	122	20796m	20.044	ng	
33) 4-Chloroaniline	10.805	127	62684	21.142	ng	98
34) Hexachlorobutadiene	10.993	225	68809	42.161	ng	97
35) Caprolactam	11.569	113	7437m	9.409	ng	
36) 4-Chloro-3-methylphenol	11.927	107	129320	47.831	ng	99
37) 2-Methylnaphthalene	12.309	142	259968	45.394	ng	98
38) 1-Methylnaphthalene	12.526	142	276960	49.363	ng	94
40) 1,2,4,5-Tetrachloroben...	12.679	216	148692	50.923	ng	98
41) Hexachlorocyclopentadiene	12.661	237	187016	227.561	ng	97
43) 2,4,6-Trichlorophenol	12.914	196	106053	61.625	ng	96

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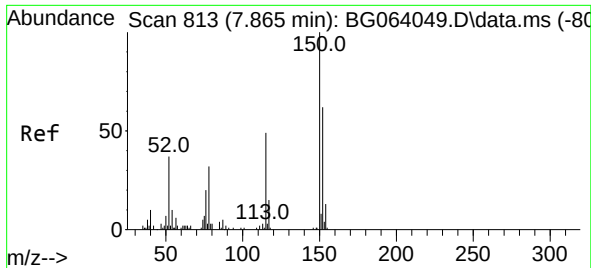
Manual Integrations
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 Supervised By :Jagrut Upadhyay 04/02/2025

Quant Time: Apr 01 15:44:53 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)
44) 2,4,5-Trichlorophenol	12.985	196	117523	61.460	ng	97
46) 1,1'-Biphenyl	13.320	154	409560	53.002	ng	99
47) 2-Chloronaphthalene	13.361	162	301152	53.437	ng	98
48) 2-Nitroaniline	13.560	65	115806	59.139	ng	96
49) Acenaphthylene	14.207	152	501655	56.277	ng	99
50) Dimethylphthalate	13.948	163	413521	54.772	ng	98
51) 2,6-Dinitrotoluene	14.060	165	85641	55.360	ng	97
52) Acenaphthene	14.547	154	317199	53.023	ng	97
53) 3-Nitroaniline	14.383	138	40418	27.699	ng	98
54) 2,4-Dinitrophenol	14.589	184	90826	136.095	ng	# 75
55) Dibenzofuran	14.882	168	490801	50.643	ng	98
56) 4-Nitrophenol	14.688	139	44577	36.426	ng	# 86
57) 2,4-Dinitrotoluene	14.841	165	127681	59.472	ng	# 96
58) Fluorene	15.535	166	405019	53.658	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.106	232	113519	60.895	ng	# 95
60) Diethylphthalate	15.311	149	433728	52.918	ng	98
61) 4-Chlorophenyl-phenyle...	15.529	204	191821	51.139	ng	92
62) 4-Nitroaniline	15.546	138	84625	53.717	ng	87
63) Azobenzene	15.822	77	449563	51.402	ng	98
65) 4,6-Dinitro-2-methylph...	15.605	198	74083	70.318	ng	98
66) n-Nitrosodiphenylamine	15.740	169	362322	55.908	ng	99
67) 4-Bromophenyl-phenylether	16.422	248	134537	57.375	ng	97
68) Hexachlorobenzene	16.533	284	145556	55.446	ng	98
69) Atrazine	16.692	200	151192	79.291	ng	93
70) Pentachlorophenol	16.874	266	215982	132.509	ng	98
71) Phenanthrene	17.268	178	692975	56.747	ng	99
72) Anthracene	17.356	178	699296	57.590	ng	98
73) Carbazole	17.626	167	665337	58.686	ng	100
74) Di-n-butylphthalate	18.196	149	801167	60.035	ng	100
75) Fluoranthene	19.277	202	865791	58.810	ng	96
77) Benzidine	19.459	184	92570	25.725	ng	98
78) Pyrene	19.636	202	893089	53.312	ng	99
80) Butylbenzylphthalate	20.540	149	393024	61.422	ng	98
81) Benzo(a)anthracene	21.439	228	952154	57.198	ng	98
82) 3,3'-Dichlorobenzidine	21.357	252	178034	33.046	ng	99
83) Chrysene	21.504	228	909095	54.755	ng	99
84) Bis(2-ethylhexyl)phtha...	21.369	149	587683	65.277	ng	99
85) Di-n-octyl phthalate	22.515	149	1006791	64.835	ng	99
87) Indeno(1,2,3-cd)pyrene	27.867	276	1122971	59.723	ng	99
88) Benzo(b)fluoranthene	23.525	252	951807	56.024	ng	99
89) Benzo(k)fluoranthene	23.590	252	944410	55.411	ng	100
90) Benzo(a)pyrene	24.330	252	908180	60.023	ng	96
91) Dibenzo(a,h)anthracene	27.932	278	934889	59.974	ng	98
92) Benzo(g,h,i)perylene	28.931	276	907435	56.698	ng	97

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



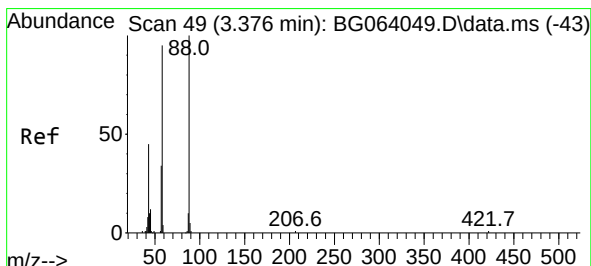
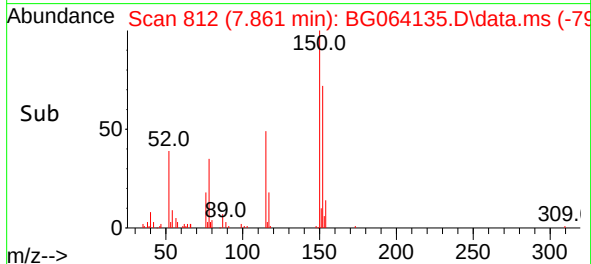
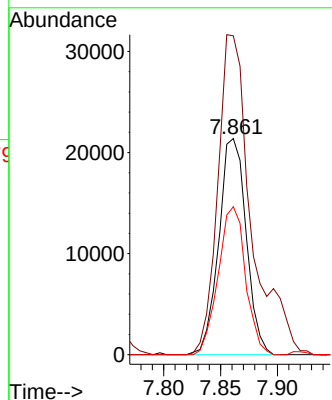
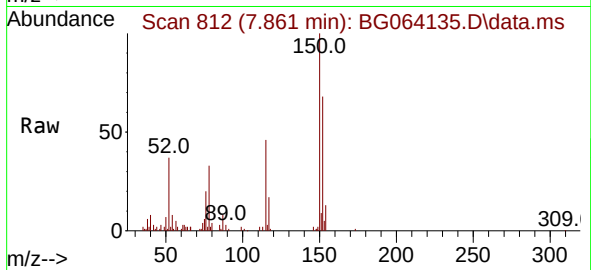
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 813
Delta R.T. -0.004 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

Instrument : BNA_G
ClientSampleId : P001-BBDGA-001-01-05MS

Tgt Ion: 152 Resp: 3580
Ion Ratio Lower Upper
152 100
150 147.5 129.2 193.8
115 68.5 63.0 94.6

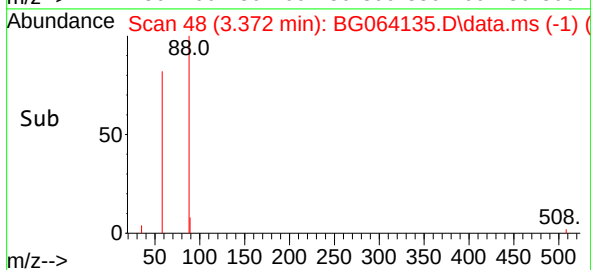
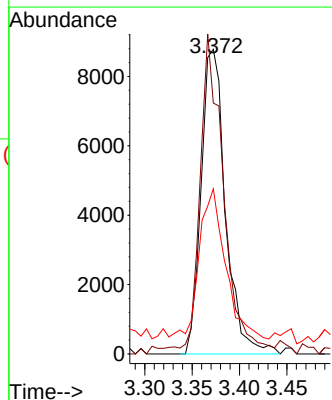
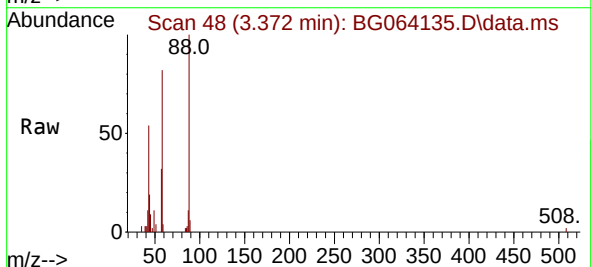
Manual Integrations
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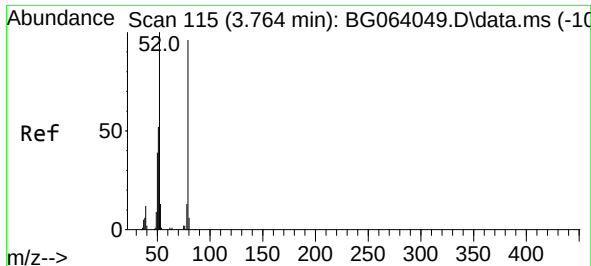
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#2
1,4-Dioxane
Concen: 15.057 ng
RT: 3.372 min Scan# 48
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

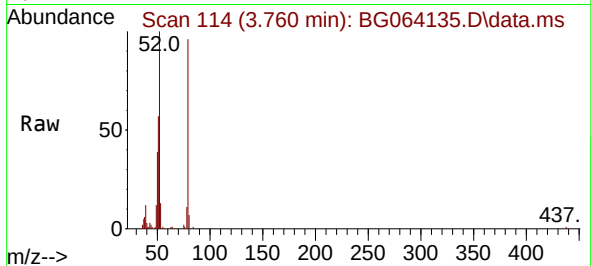
Tgt Ion: 88 Resp: 15647
Ion Ratio Lower Upper
88 100
58 97.4 74.6 111.8
43 52.6 35.5 53.3





#3
 Pyridine
 Concen: 16.844 ng
 RT: 3.760 min Scan# 115
 Delta R.T. -0.003 min
 Lab File: BG064135.D
 Acq: 1 Apr 2025 15:03

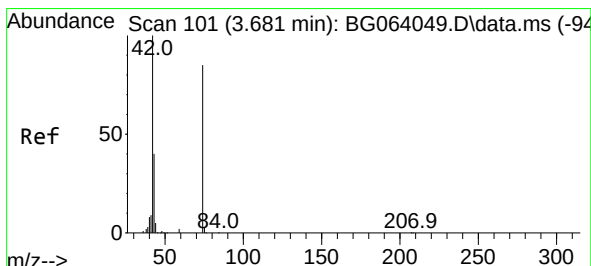
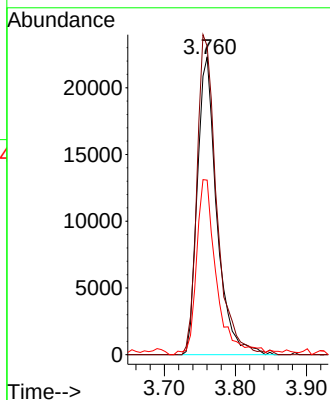
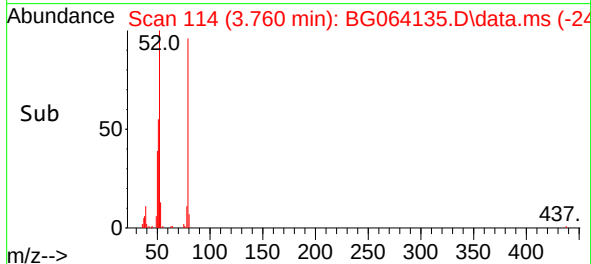
Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-001-01-05MS



Tgt Ion: 79 Resp: 42568
 Ion Ratio Lower Upper
 79 100
 52 103.7 83.0 124.6
 51 58.7 44.3 66.5

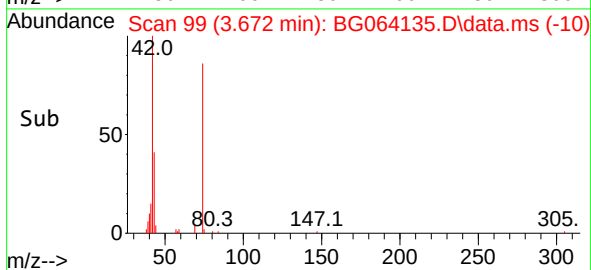
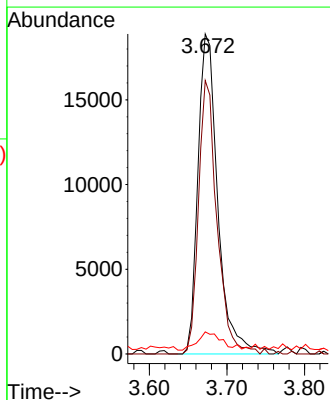
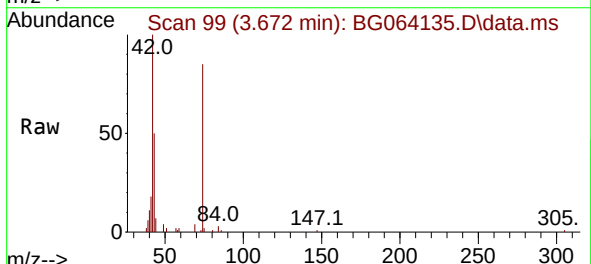
Manual Integrations
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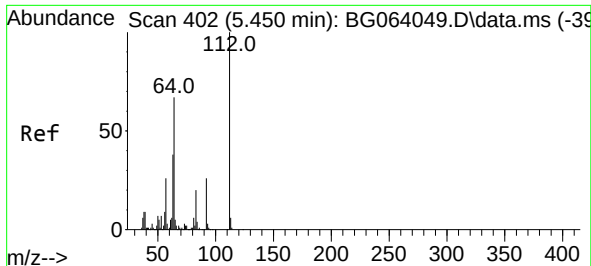
Reviewed By :Anahy Claudio 04/02/2025
 Supervised By :Jagrut Upadhyay 04/02/2025



#4
 n-Nitrosodimethylamine
 Concen: 18.644 ng
 RT: 3.672 min Scan# 99
 Delta R.T. -0.009 min
 Lab File: BG064135.D
 Acq: 1 Apr 2025 15:03

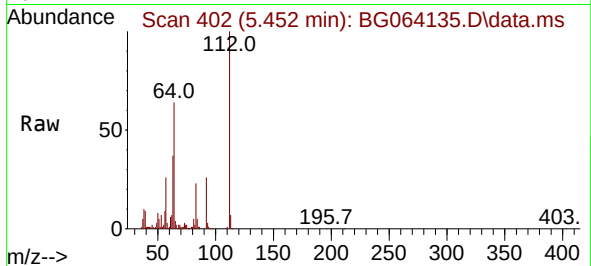
Tgt Ion: 42 Resp: 33665
 Ion Ratio Lower Upper
 42 100
 74 85.5 68.0 102.0
 44 6.9 4.9 7.3





#5
2-Fluorophenol
Concen: 59.383 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

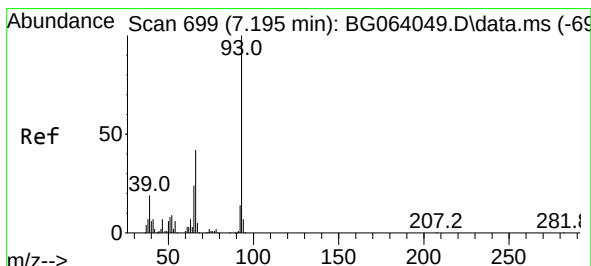
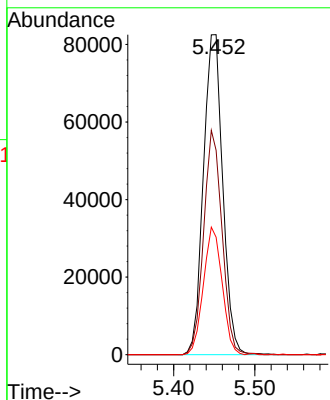
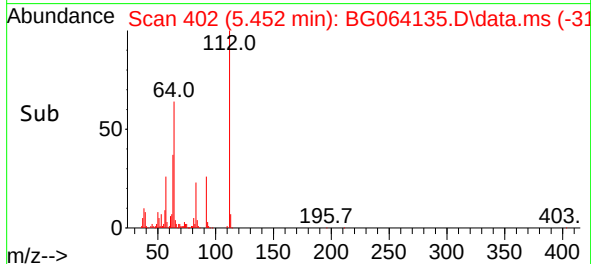
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



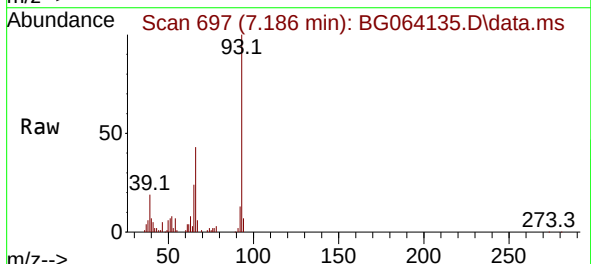
Tgt Ion: 112 Resp: 136162
Ion Ratio Lower Upper
112 100
64 63.8 53.7 80.5
63 36.7 30.2 45.4

Manual Integrations
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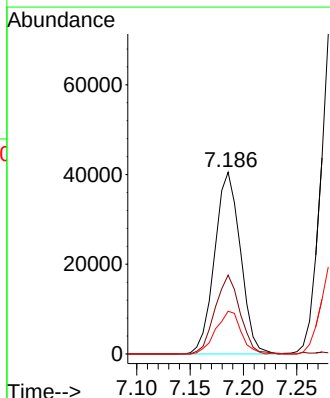
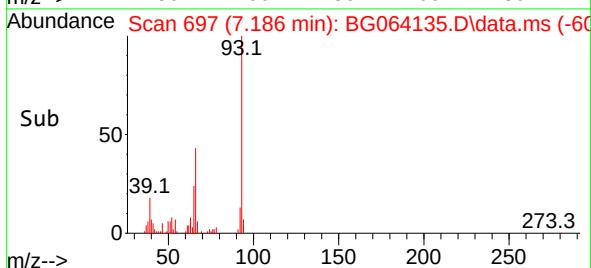
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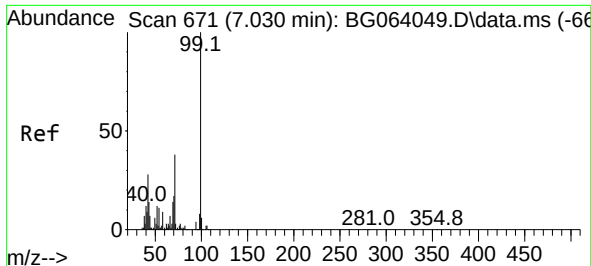


#6
Aniline
Concen: 22.276 ng
RT: 7.186 min Scan# 697
Delta R.T. -0.009 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03



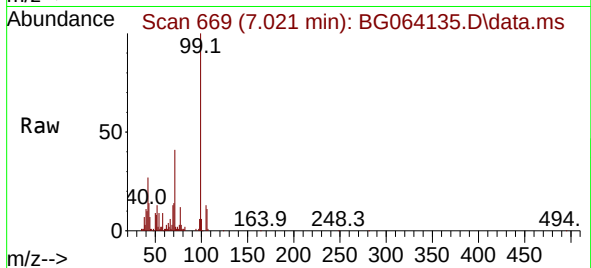
Tgt Ion: 93 Resp: 68184
Ion Ratio Lower Upper
93 100
66 43.4 33.7 50.5
65 23.5 19.1 28.7





#7
Phenol-d6
Concen: 33.477 ng
RT: 7.021 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

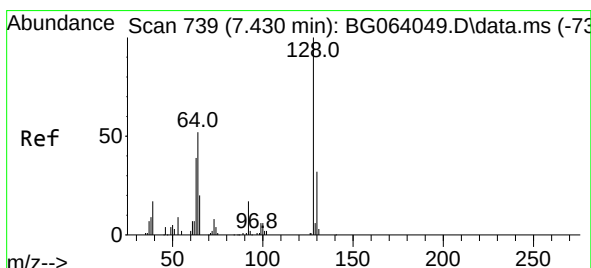
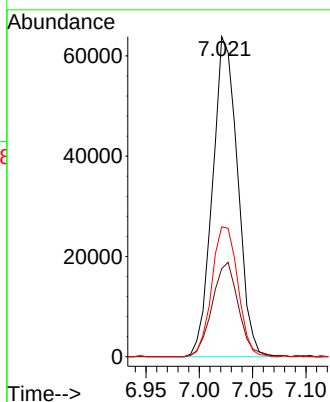
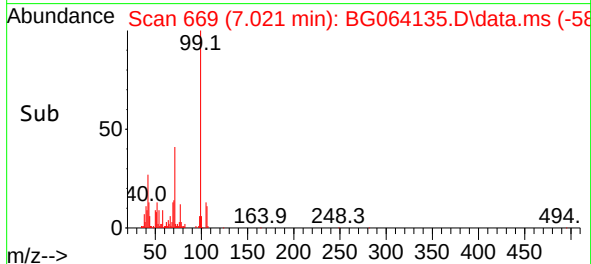
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion: 99 Resp: 104425
Ion Ratio Lower Upper
99 100
42 27.5 22.7 34.1
71 40.6 30.6 46.0

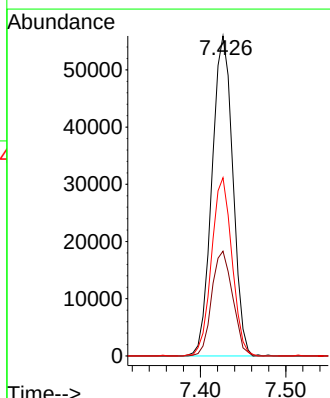
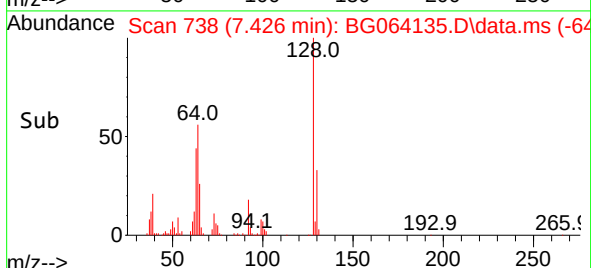
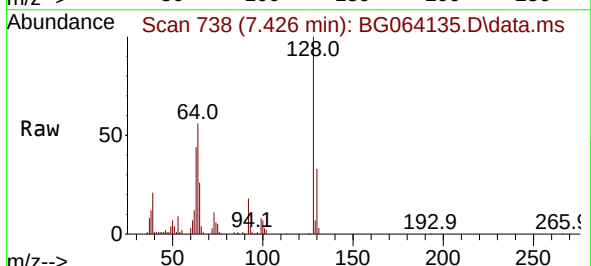
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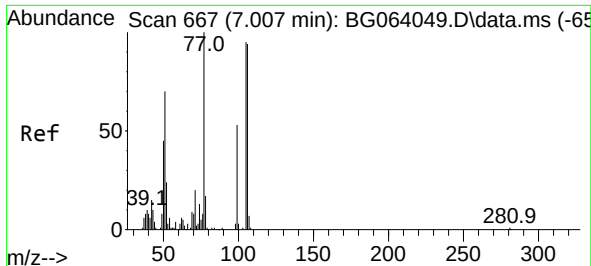
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#8
2-Chlorophenol
Concen: 38.616 ng
RT: 7.426 min Scan# 738
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

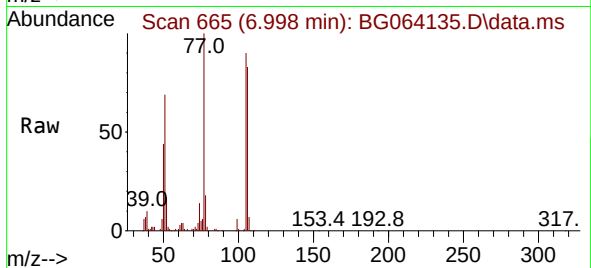
Tgt Ion:128 Resp: 95098
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 55.7 37.0 77.0





#9
Benzaldehyde
Concen: 46.401 ng m
RT: 6.998 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

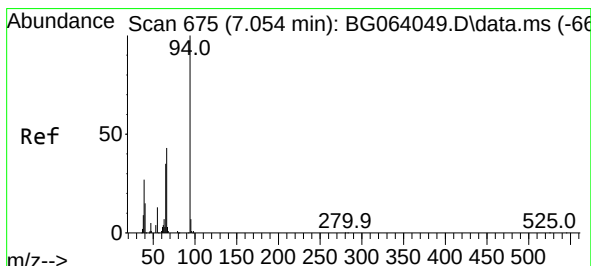
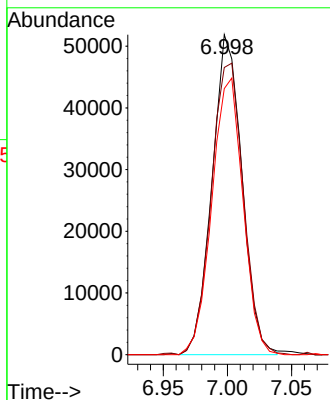
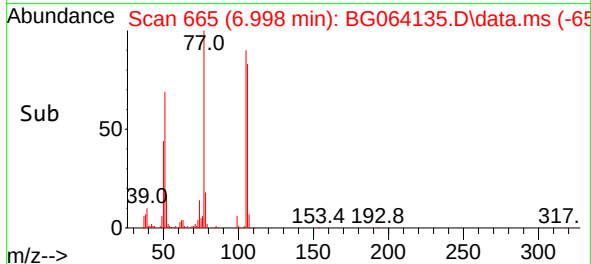
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion: 77 Resp: 84178
Ion Ratio Lower Upper
77 100
105 89.7 75.5 115.5
106 83.2 74.2 114.2

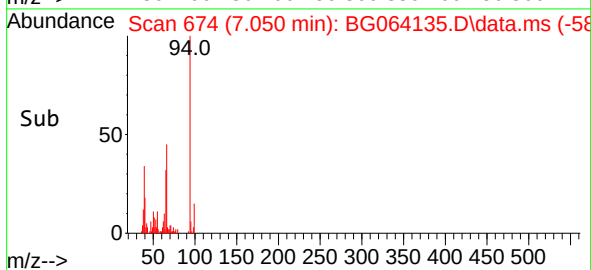
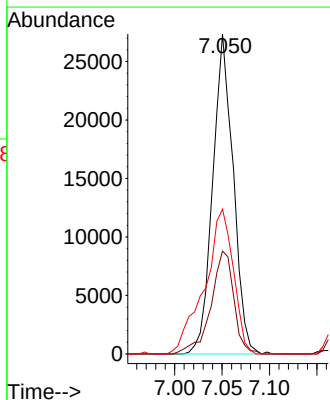
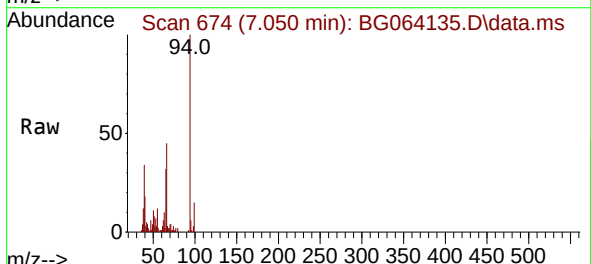
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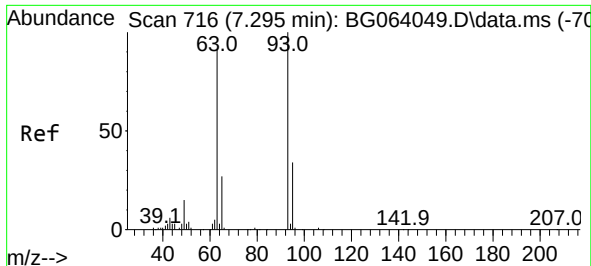
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#10
Phenol
Concen: 12.912 ng
RT: 7.050 min Scan# 674
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

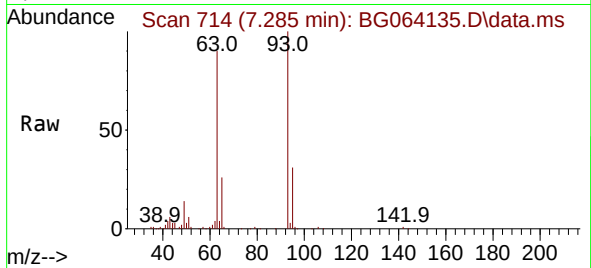
Tgt Ion: 94 Resp: 41238
Ion Ratio Lower Upper
94 100
65 32.2 15.2 55.2
66 45.3 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 46.476 ng
RT: 7.285 min Scan# 716
Delta R.T. -0.009 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

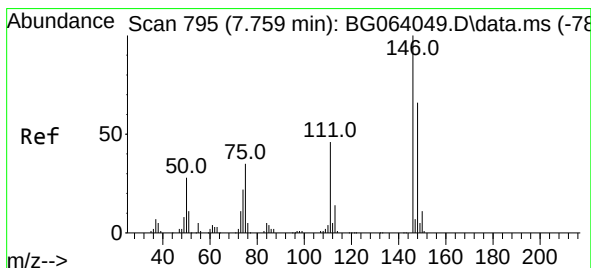
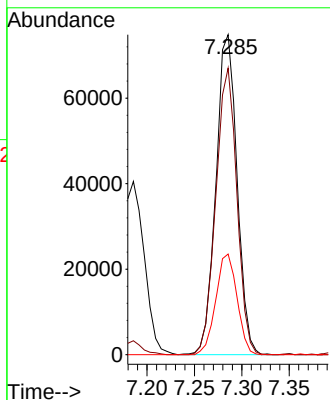
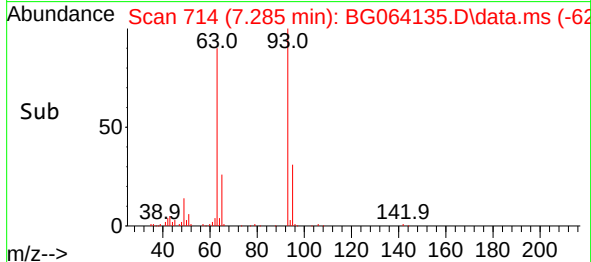
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion: 93 Resp: 11636
Ion Ratio Lower Upper
93 100
63 89.6 70.0 110.0
95 31.4 13.7 53.7

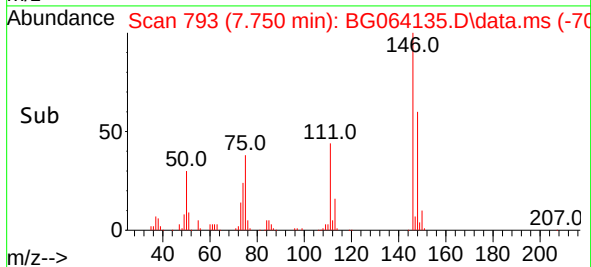
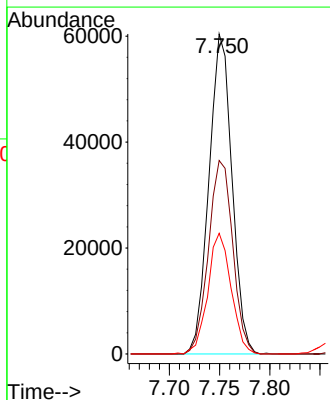
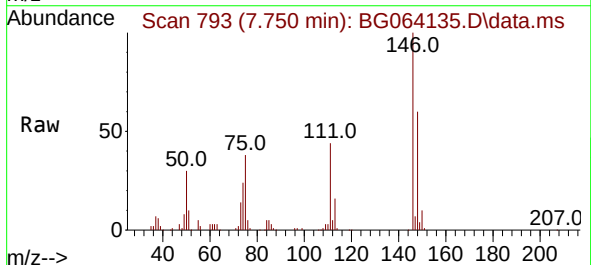
Manual Integrations
APPROVED

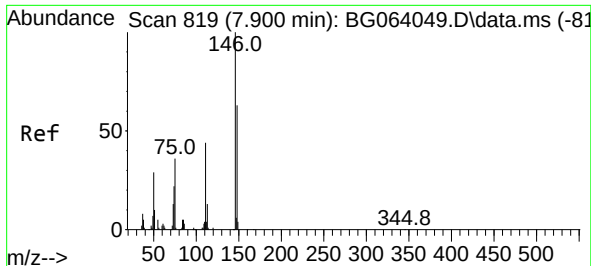
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#12
1,3-Dichlorobenzene
Concen: 35.632 ng
RT: 7.750 min Scan# 793
Delta R.T. -0.009 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

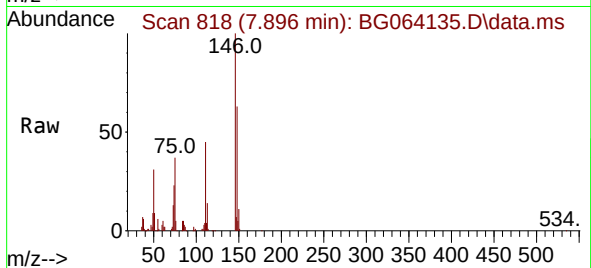
Tgt Ion:146 Resp: 96360
Ion Ratio Lower Upper
146 100
148 60.4 52.6 78.8
75 37.7 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 35.951 ng
RT: 7.896 min Scan# 819
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

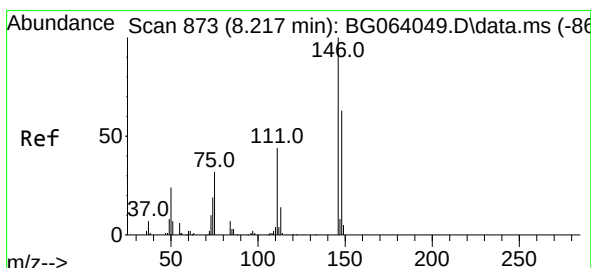
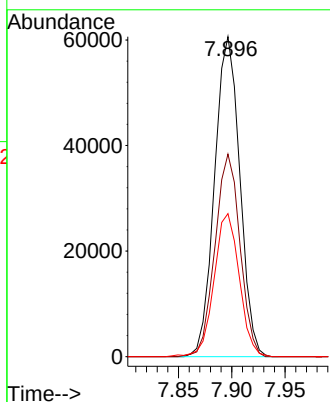
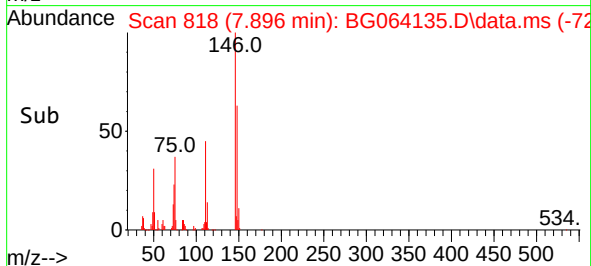
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion:146 Resp: 99652
Ion Ratio Lower Upper
146 100
148 63.3 50.6 75.8
111 44.7 35.1 52.7

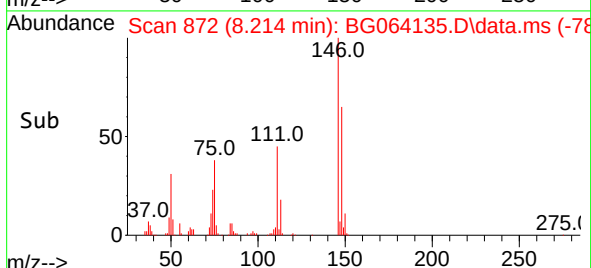
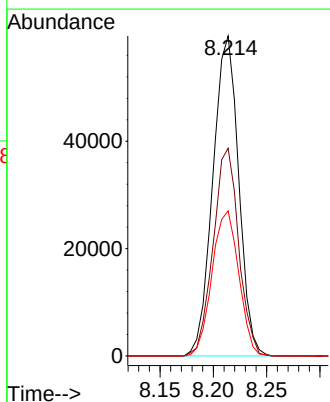
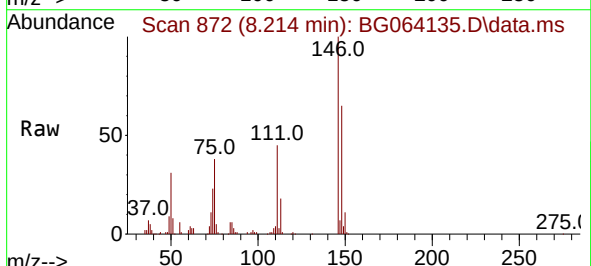
Manual Integrations
APPROVED

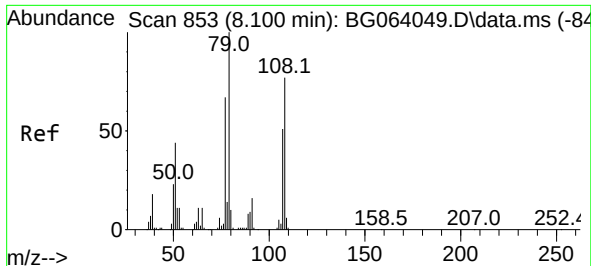
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#14
1,2-Dichlorobenzene
Concen: 37.413 ng
RT: 8.214 min Scan# 872
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

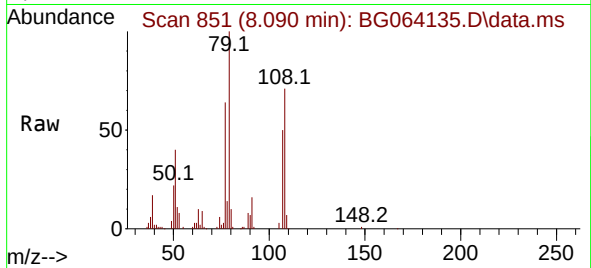
Tgt Ion:146 Resp: 99999
Ion Ratio Lower Upper
146 100
148 64.9 50.2 75.2
111 45.4 36.4 54.6





#15
Benzyl Alcohol
Concen: 33.049 ng
RT: 8.090 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

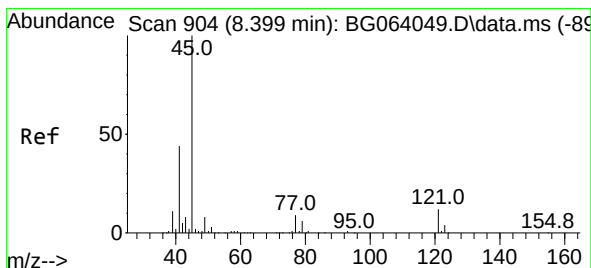
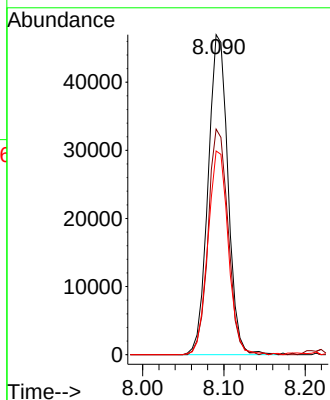
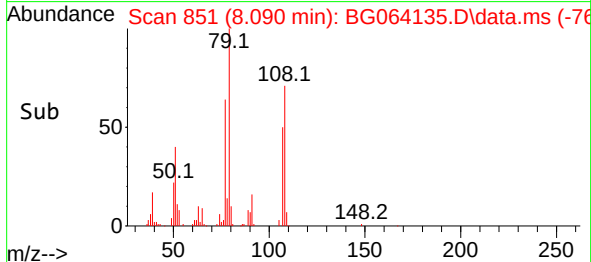
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



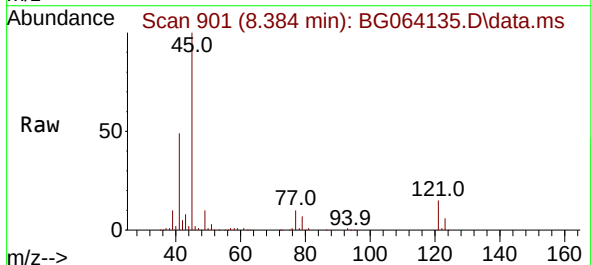
Tgt Ion: 79 Resp: 7966
Ion Ratio Lower Upper
79 100
108 70.5 61.7 92.5
77 63.7 53.9 80.9

Manual Integrations
APPROVED

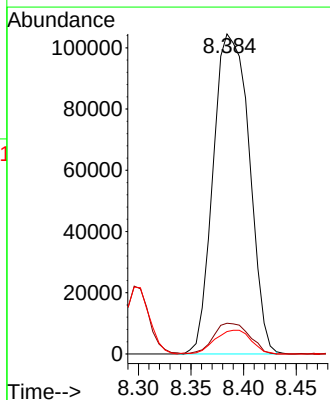
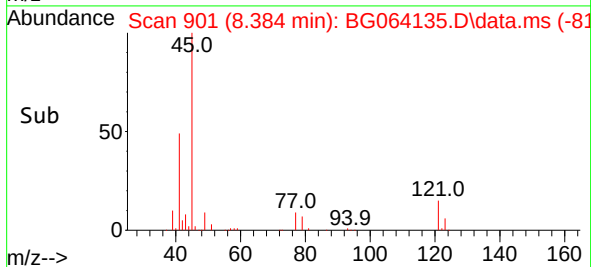
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

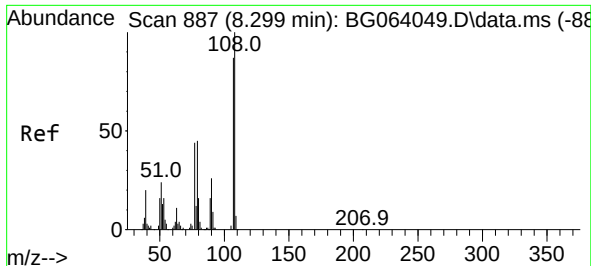


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.251 ng m
RT: 8.384 min Scan# 901
Delta R.T. -0.015 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03



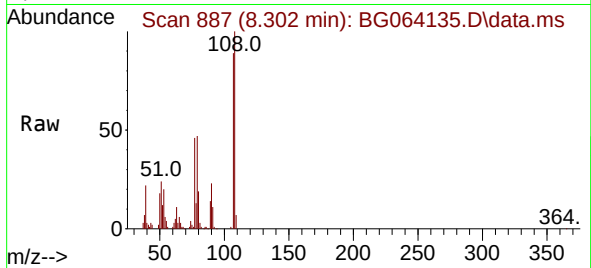
Tgt Ion: 45 Resp: 249131
Ion Ratio Lower Upper
45 100
77 9.6 0.0 29.0
79 7.0 0.0 26.6





#17
2-Methylphenol
Concen: 32.926 ng
RT: 8.302 min Scan# 887
Delta R.T. 0.002 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

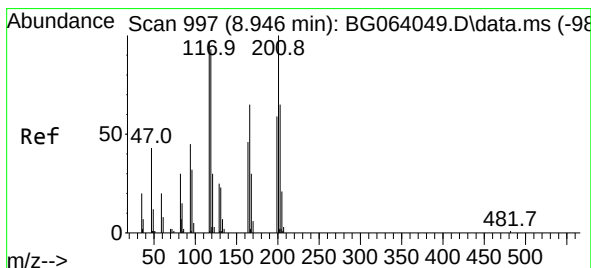
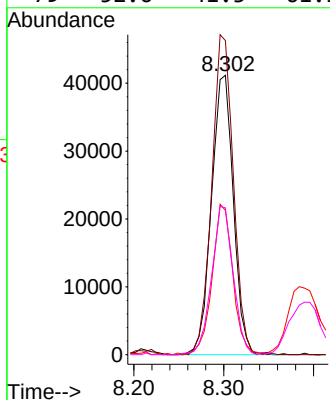
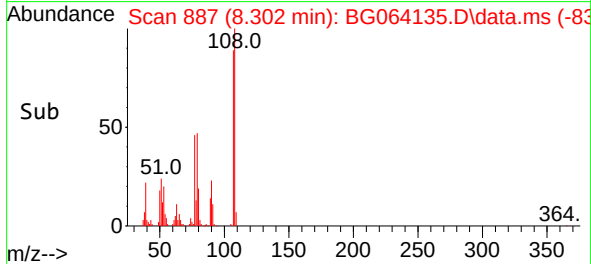
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion:	107	Resp:	69790
Ion	Ratio	Lower	Upper
107	100		
108	112.5	92.5	138.7
77	51.7	40.5	60.7
79	52.6	41.3	61.9

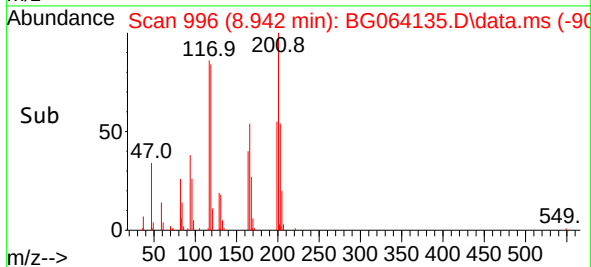
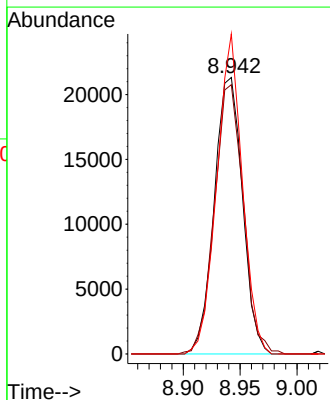
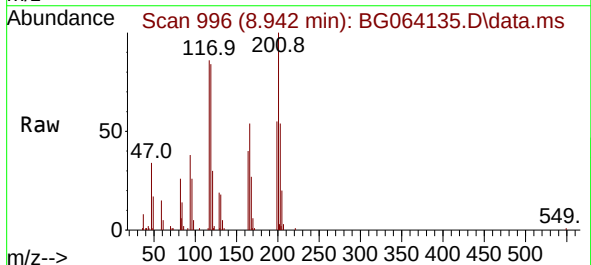
Manual Integrations
APPROVED

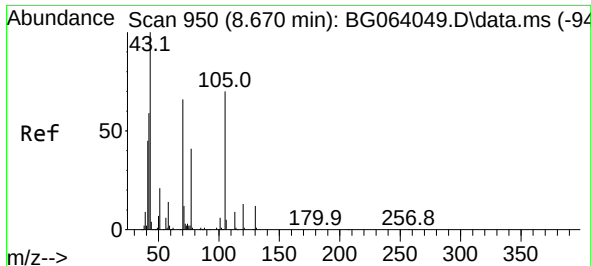
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#18
Hexachloroethane
Concen: 37.965 ng
RT: 8.942 min Scan# 996
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

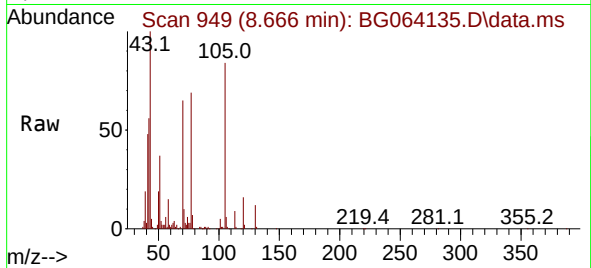
Tgt Ion:	117	Resp:	36819
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.2	114.2
201	115.7	81.5	122.3





#19
n-Nitroso-di-n-propylamine
Concen: 49.693 ng
RT: 8.666 min Scan# 949
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

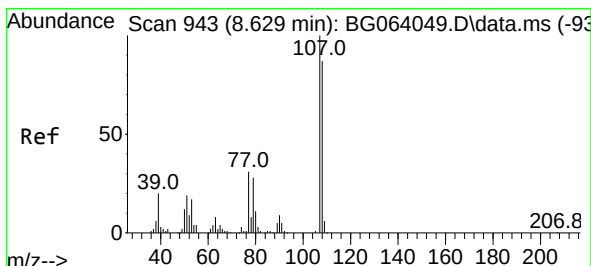
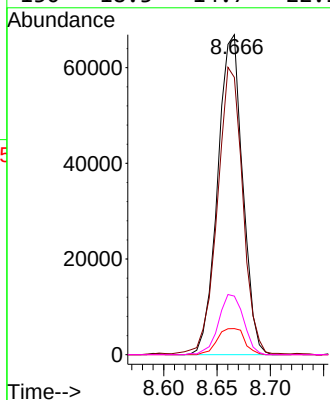
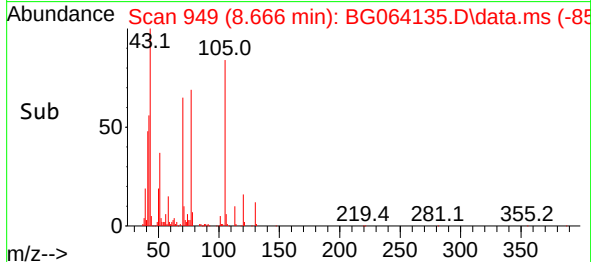
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion: 70 Resp: 108785
Ion Ratio Lower Upper
70 100
42 86.7 72.1 108.1
101 8.1 7.2 10.8
130 18.3 14.7 22.1

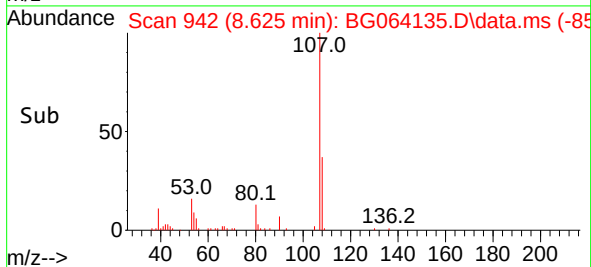
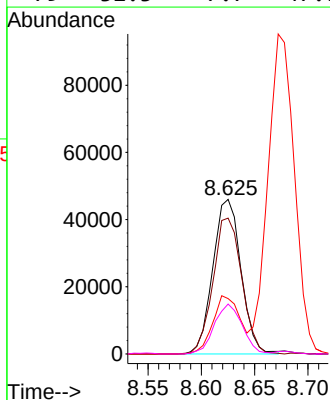
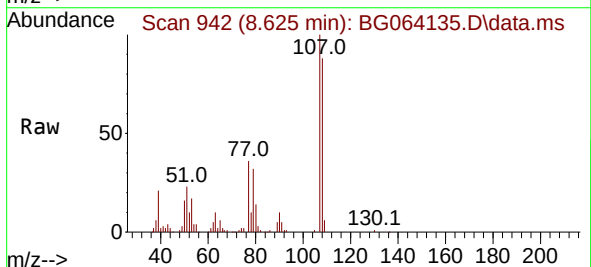
Manual Integrations
APPROVED

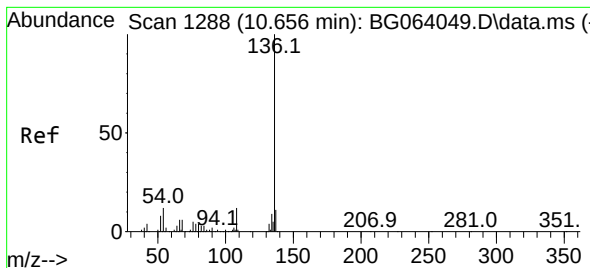
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#20
3+4-Methylphenols
Concen: 28.972 ng
RT: 8.625 min Scan# 942
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

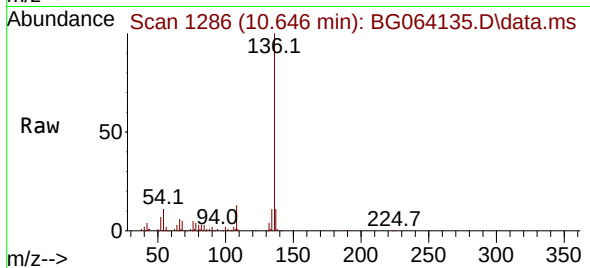
Tgt Ion:107 Resp: 84543
Ion Ratio Lower Upper
107 100
108 87.9 67.0 107.0
77 35.9 11.2 51.2
79 32.3 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

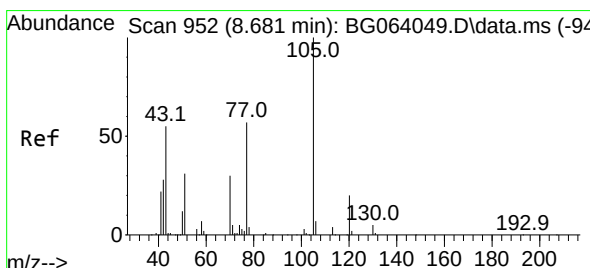
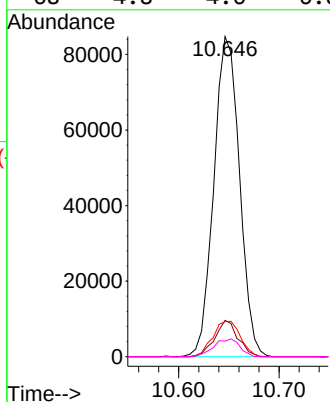
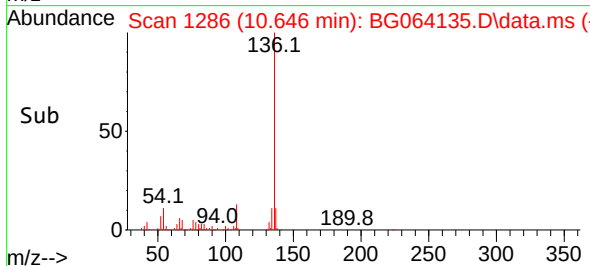
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion:136 Resp: 15044
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 11.0 9.9 14.9
68 4.8 4.6 6.8

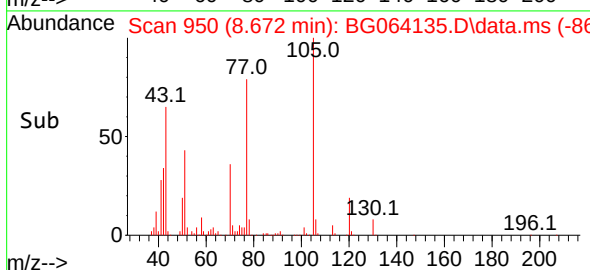
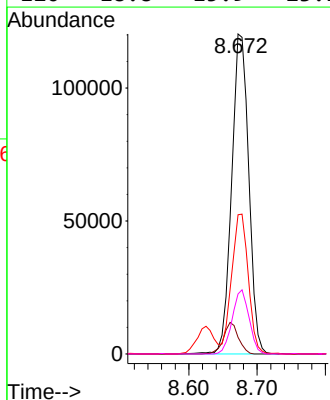
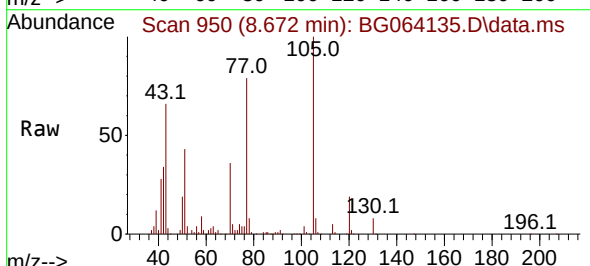
Manual Integrations
APPROVED

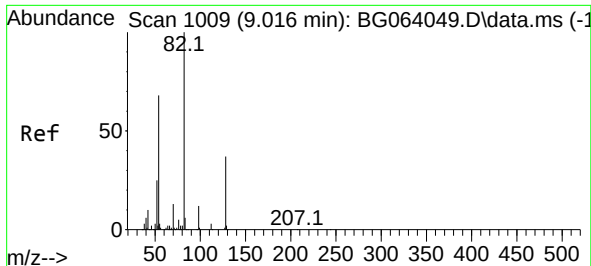
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#22
Acetophenone
Concen: 50.852 ng
RT: 8.672 min Scan# 950
Delta R.T. -0.009 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

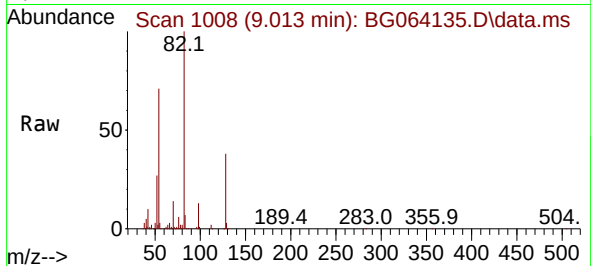
Tgt Ion:105 Resp: 209755
Ion Ratio Lower Upper
105 100
71 5.2 4.2 6.4
51 43.5 33.3 49.9
120 18.8 15.9 23.9





#23
Nitrobenzene-d5
Concen: 114.310 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

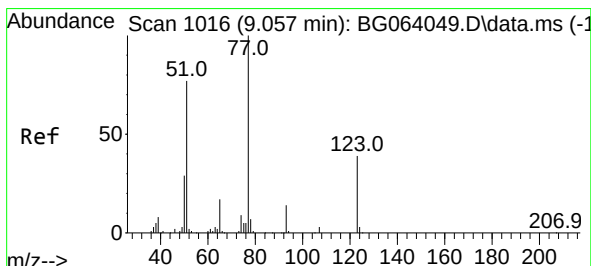
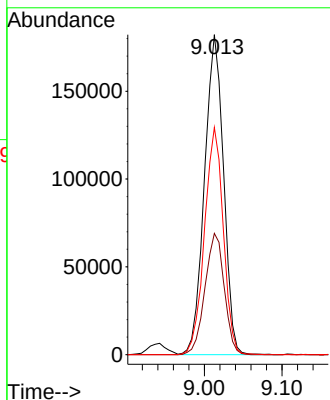
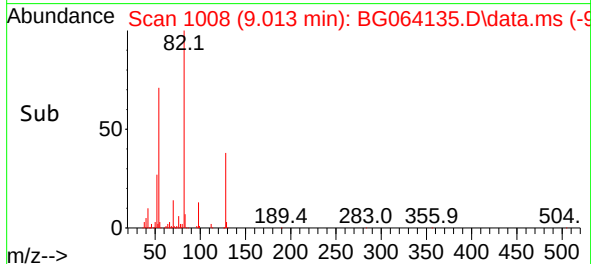
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



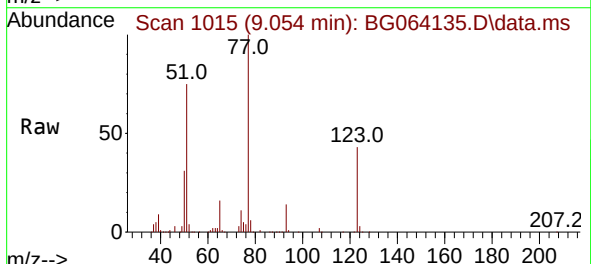
Tgt Ion: 82 Resp: 311190
Ion Ratio Lower Upper
82 100
128 37.9 30.0 45.0
54 71.0 54.7 82.1

Manual Integrations
APPROVED

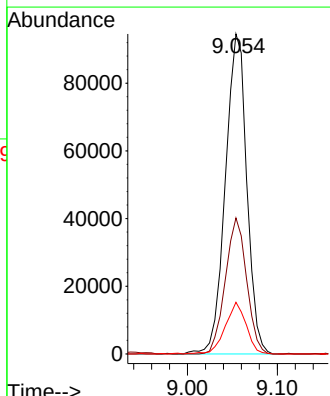
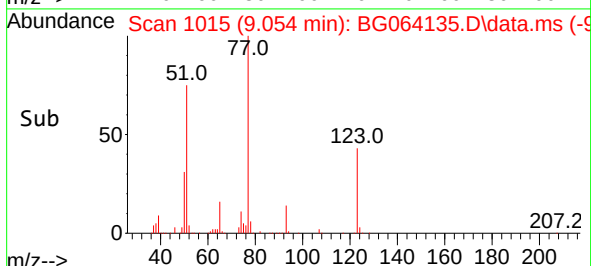
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

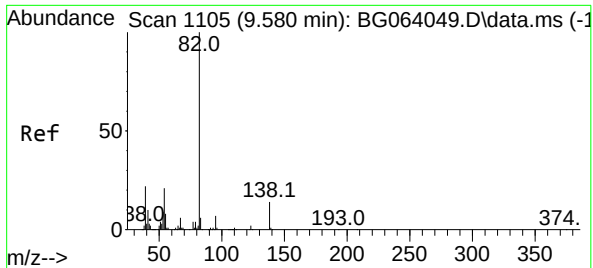


#24
Nitrobenzene
Concen: 55.613 ng
RT: 9.054 min Scan# 1015
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03



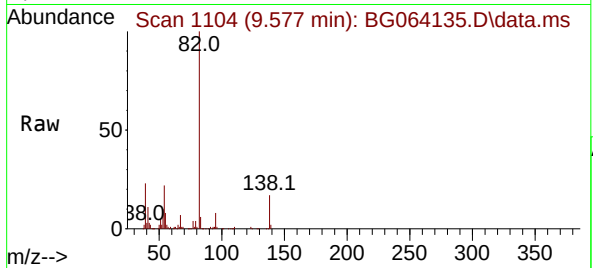
Tgt Ion: 77 Resp: 156461
Ion Ratio Lower Upper
77 100
123 42.5 31.4 47.2
65 16.1 13.4 20.0





#25
Isophorone
Concen: 54.676 ng
RT: 9.577 min Scan# 1104
Delta R.T. -0.004 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

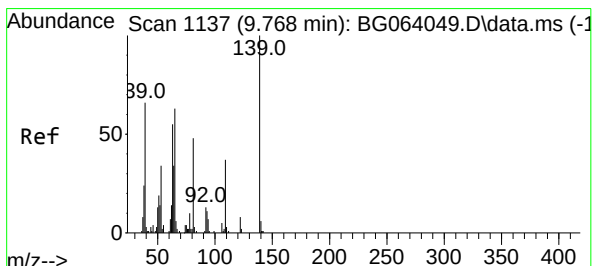
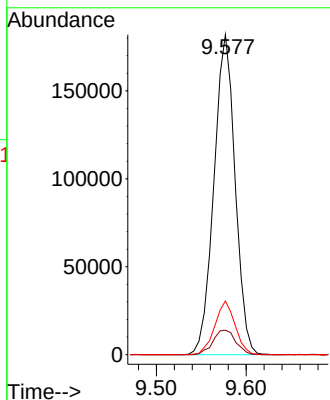
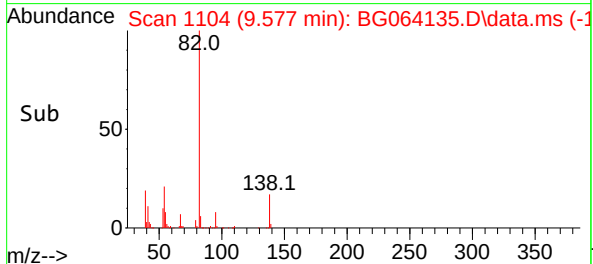
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion: 82 Resp: 29792
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 16.8 10.9 16.3

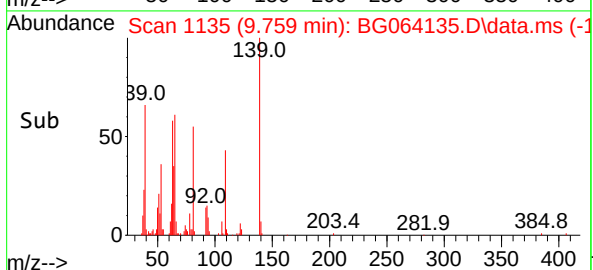
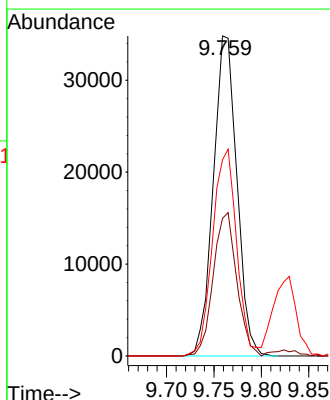
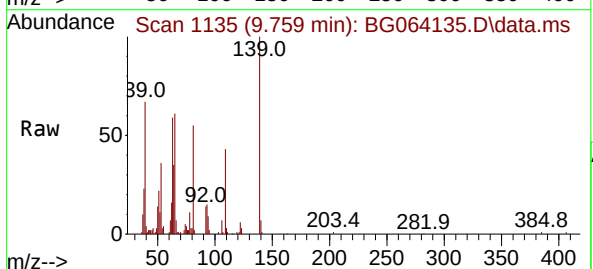
Manual Integrations
APPROVED

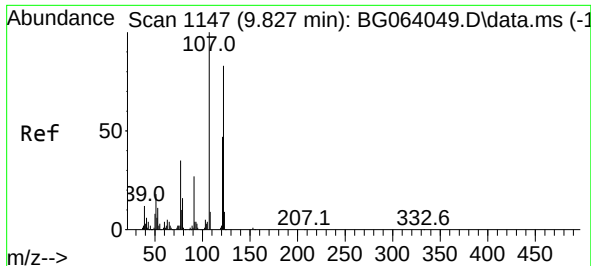
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#26
2-Nitrophenol
Concen: 58.957 ng
RT: 9.759 min Scan# 1135
Delta R.T. -0.009 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

Tgt Ion:139 Resp: 60363
Ion Ratio Lower Upper
139 100
109 43.0 29.9 44.9
65 61.3 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 65.436 ng

RT: 9.824 min Scan# 1146

Delta R.T. -0.003 min

Lab File: BG064135.D

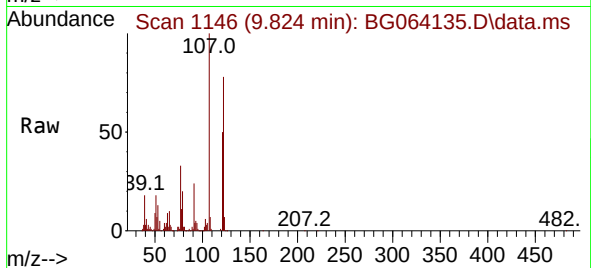
Acq: 1 Apr 2025 15:03

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-001-01-05MS



Tgt Ion:122 Resp: 10688

Ion Ratio Lower Upper

122 100

107 128.1 95.4 143.0

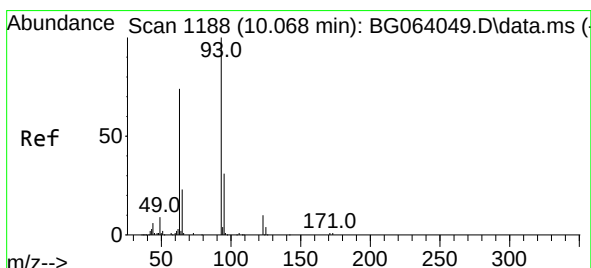
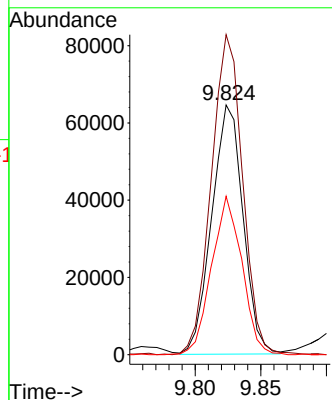
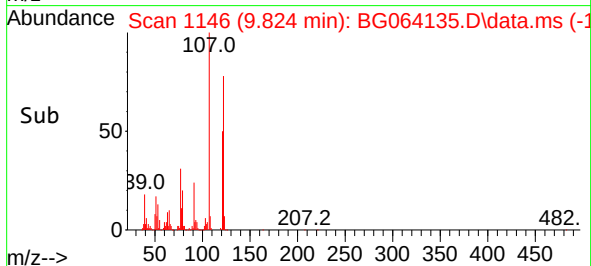
121 63.4 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#28

bis(2-Chloroethoxy)methane

Concen: 51.085 ng

RT: 10.059 min Scan# 1186

Delta R.T. -0.009 min

Lab File: BG064135.D

Acq: 1 Apr 2025 15:03

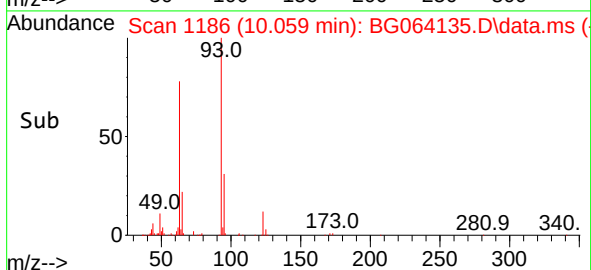
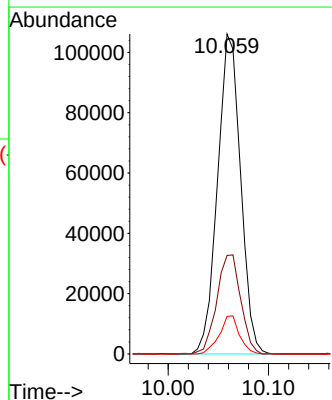
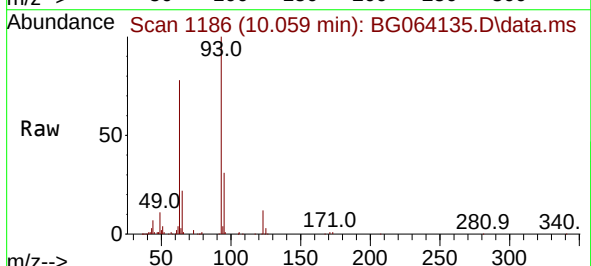
Tgt Ion: 93 Resp: 168759

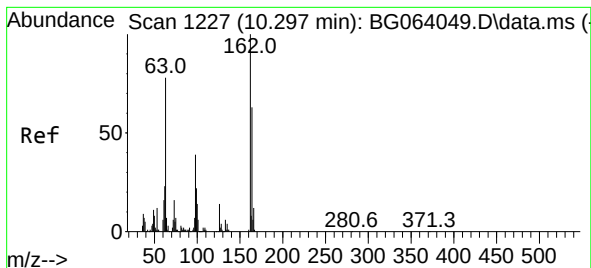
Ion Ratio Lower Upper

93 100

95 30.8 25.0 37.4

123 11.7 7.6 11.4#





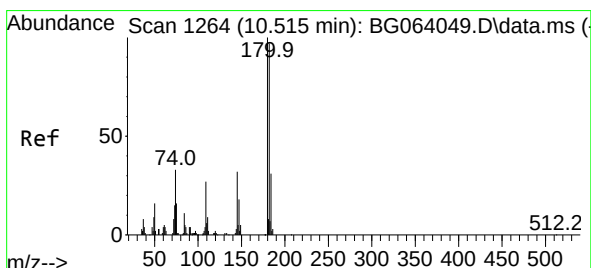
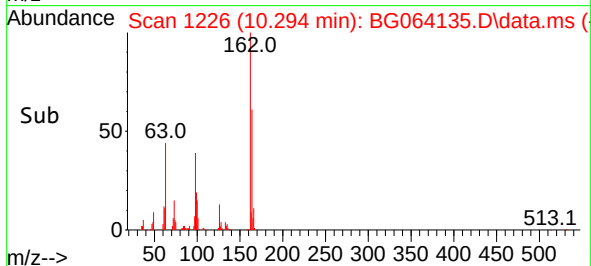
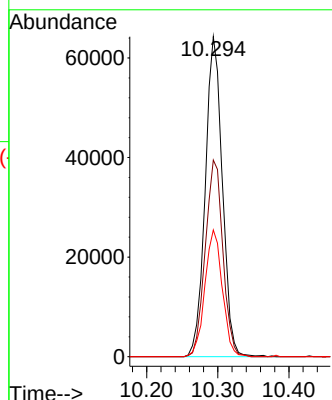
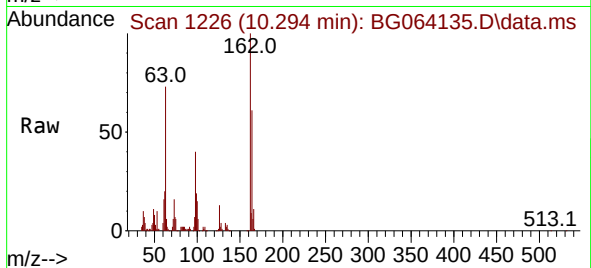
#29
2,4-Dichlorophenol
Concen: 52.260 ng
RT: 10.294 min Scan# 1226
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS

Tgt Ion:162 Resp: 107792
Ion Ratio Lower Upper
162 100
164 61.4 42.8 82.8
98 39.6 19.1 59.1

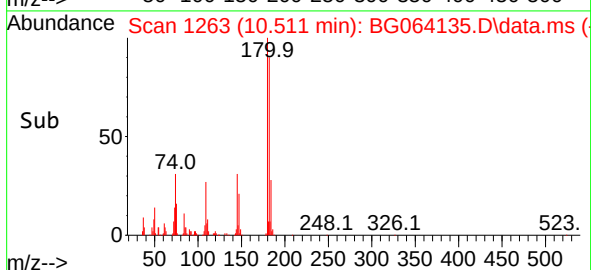
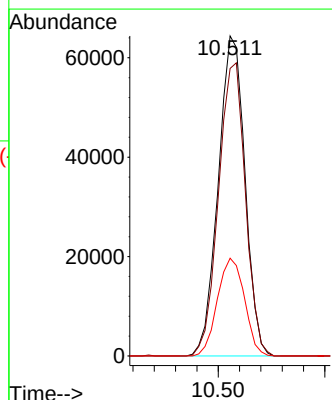
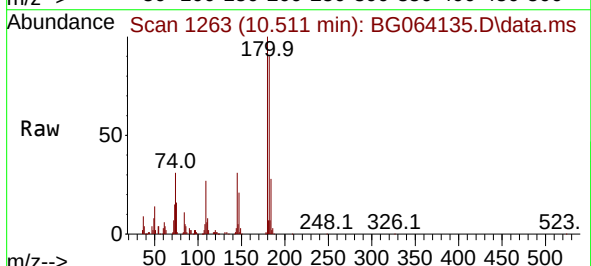
Manual Integrations
APPROVED

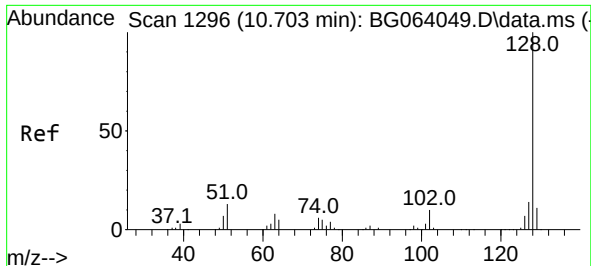
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#30
1,2,4-Trichlorobenzene
Concen: 44.990 ng
RT: 10.511 min Scan# 1263
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

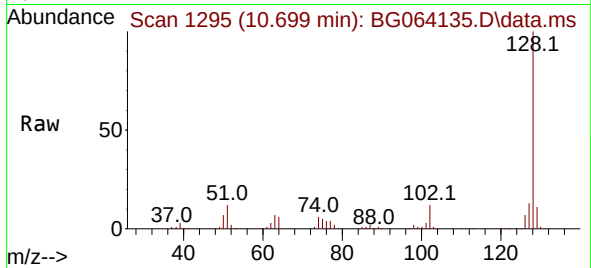
Tgt Ion:180 Resp: 112022
Ion Ratio Lower Upper
180 100
182 89.9 77.3 115.9
145 30.5 25.2 37.8





#31
Naphthalene
Concen: 45.689 ng
RT: 10.699 min Scan# 1161
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

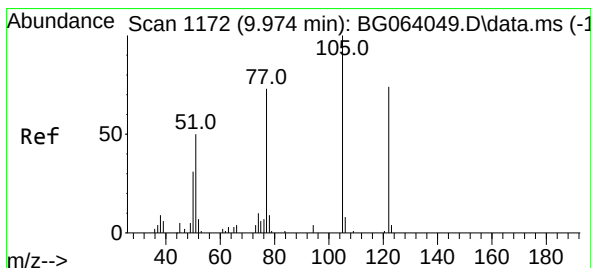
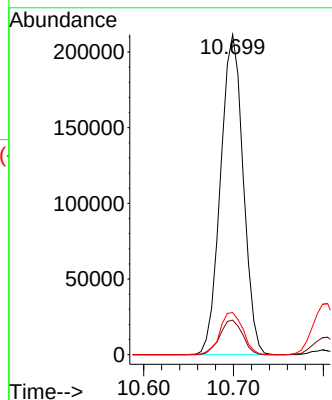
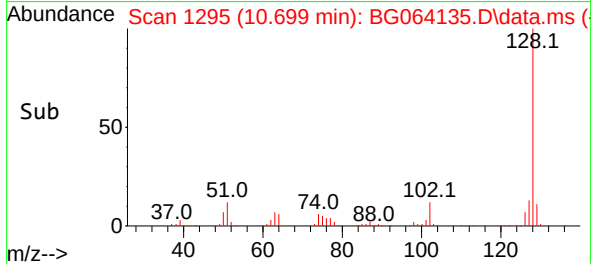
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion:128 Resp: 370640
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.2 11.1 16.7

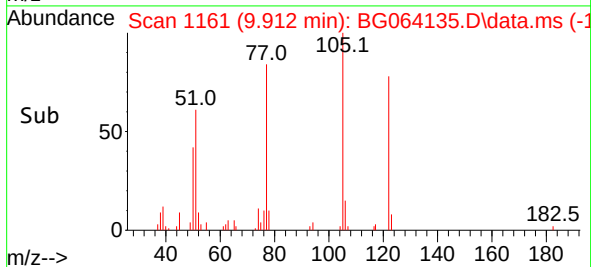
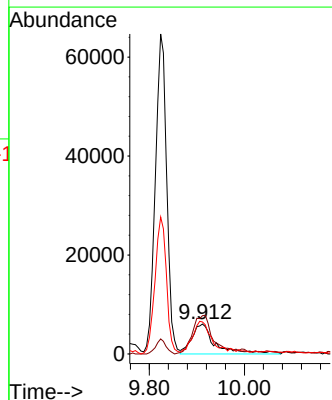
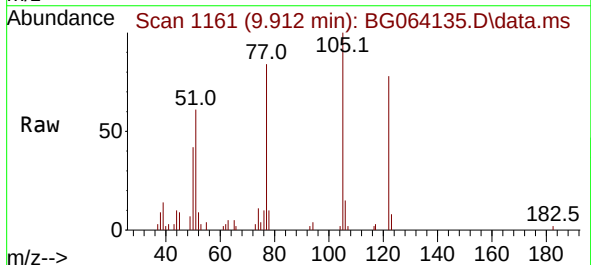
Manual Integrations
APPROVED

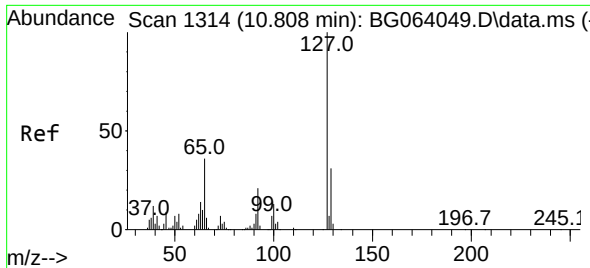
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#32
Benzoic acid
Concen: 20.044 ng m
RT: 9.912 min Scan# 1161
Delta R.T. -0.062 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

Tgt Ion:122 Resp: 20796
Ion Ratio Lower Upper
122 100
105 127.8 115.0 155.0
77 107.1 80.9 120.9





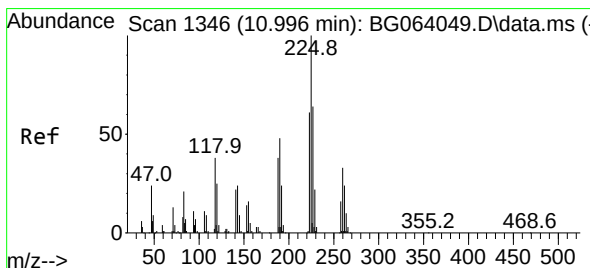
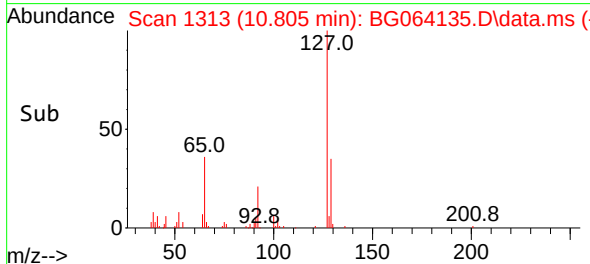
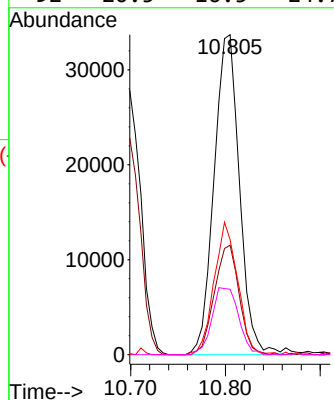
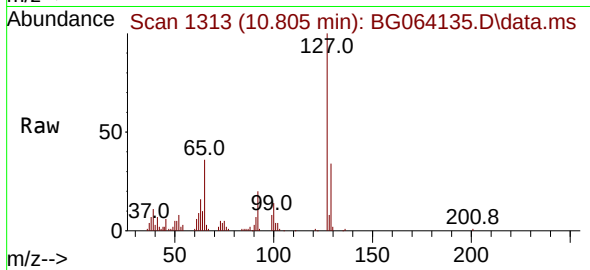
#33
4-Chloroaniline
Concen: 21.142 ng
RT: 10.805 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS

Tgt Ion:	127	Resp:	62684
Ion Ratio	Lower	Upper	
127	100		
129	34.2	25.0	37.4
65	35.9	28.5	42.7
92	20.5	16.5	24.7

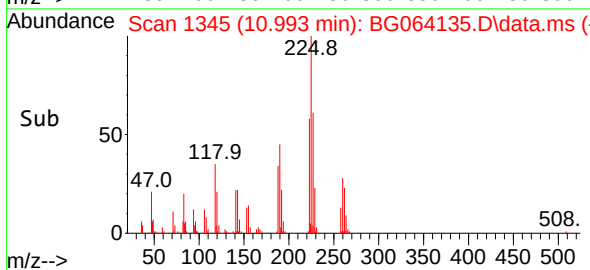
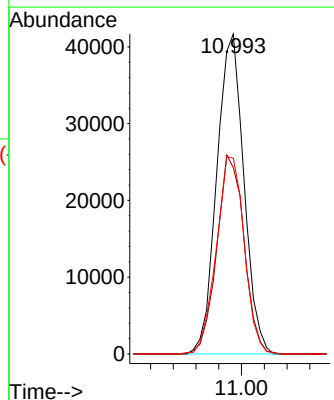
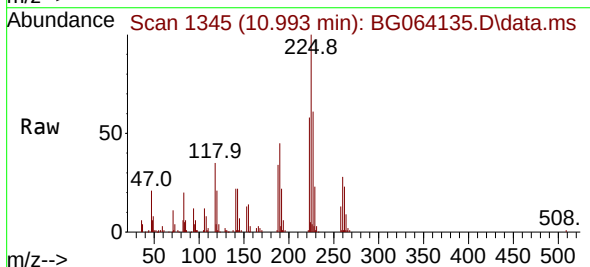
Manual Integrations
APPROVED

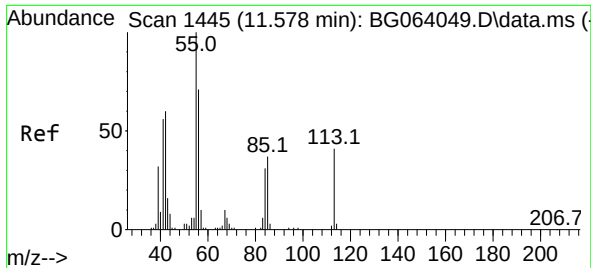
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#34
Hexachlorobutadiene
Concen: 42.161 ng
RT: 10.993 min Scan# 1345
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

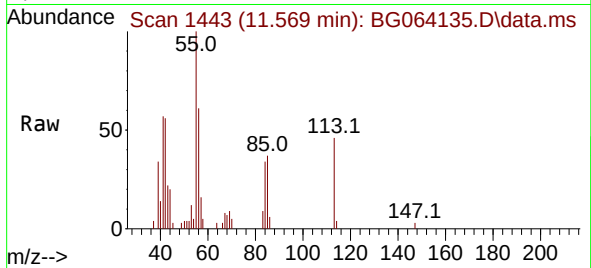
Tgt Ion:	225	Resp:	68809
Ion Ratio	Lower	Upper	
225	100		
223	58.2	48.5	72.7
227	61.2	51.0	76.6





#35
Caprolactam
Concen: 9.409 ng m
RT: 11.569 min Scan# 1443
Delta R.T. -0.009 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

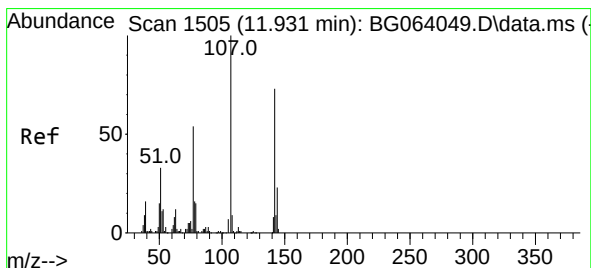
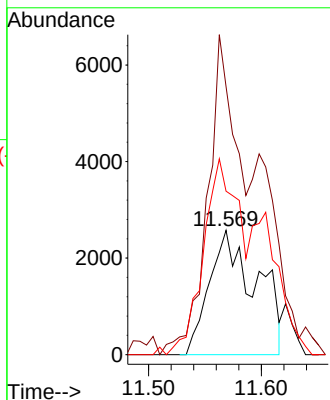
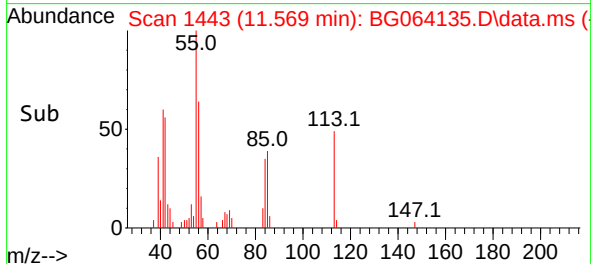
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion:113 Resp: 743
Ion Ratio Lower Upper
113 100
55 215.8 225.2 265.2
56 131.6 153.4 193.4

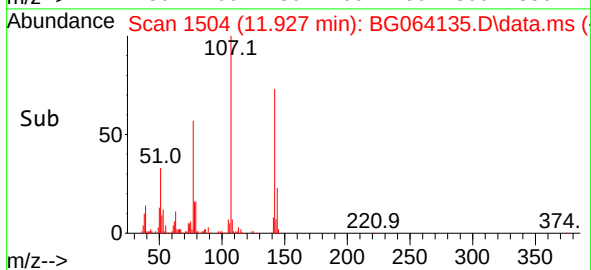
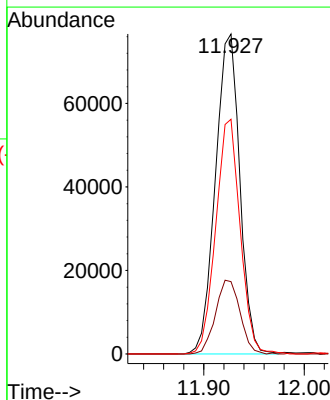
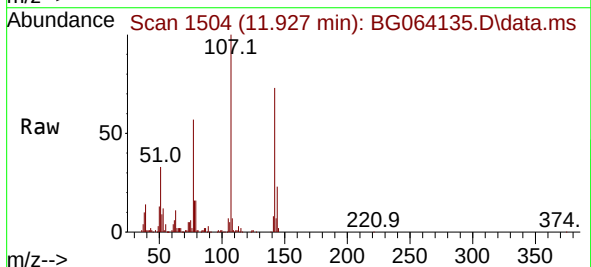
Manual Integrations
APPROVED

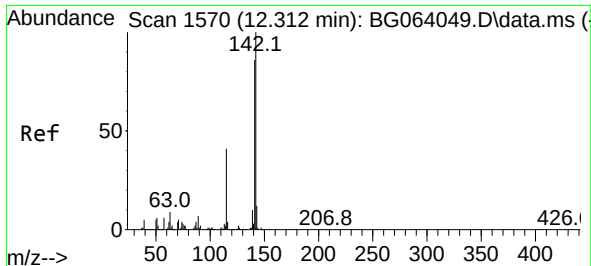
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#36
4-Chloro-3-methylphenol
Concen: 47.831 ng
RT: 11.927 min Scan# 1504
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

Tgt Ion:107 Resp: 129320
Ion Ratio Lower Upper
107 100
144 22.6 18.6 28.0
142 73.3 58.0 87.0





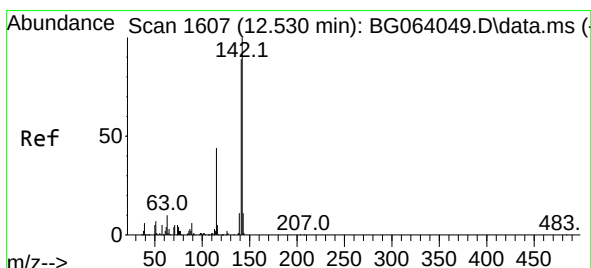
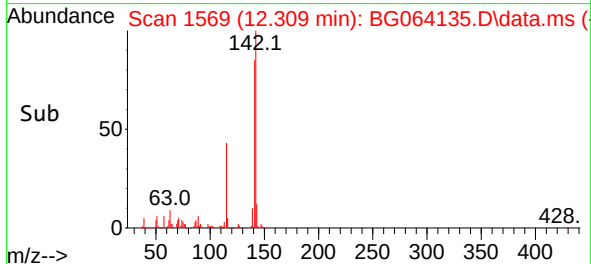
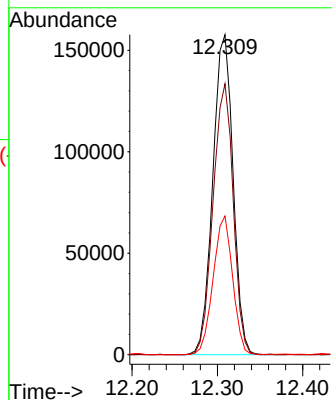
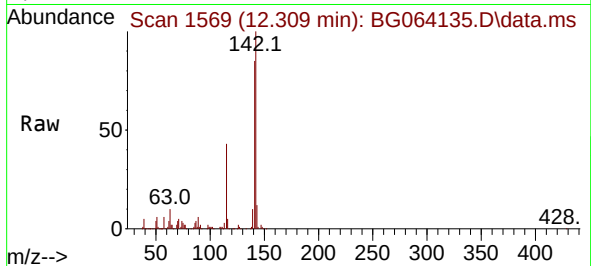
#37
2-Methylnaphthalene
Concen: 45.394 ng
RT: 12.309 min Scan# 1569
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS

Tgt Ion:142 Resp: 25996
Ion Ratio Lower Upper
142 100
141 84.7 68.6 103.0
115 43.3 32.8 49.2

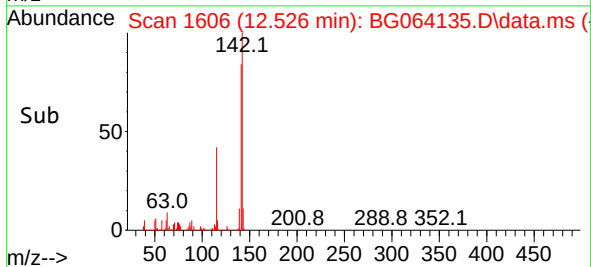
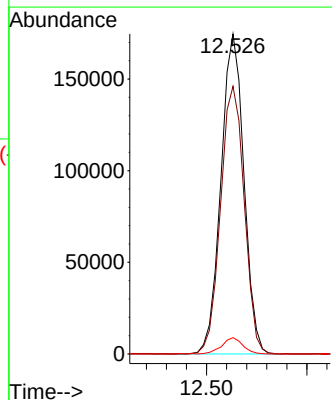
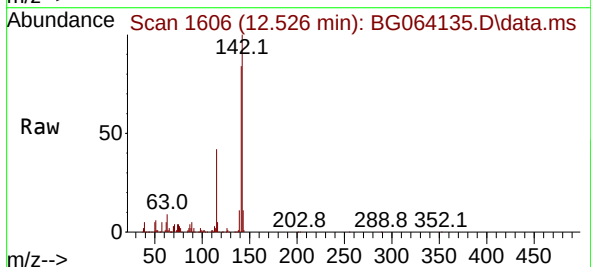
Manual Integrations
APPROVED

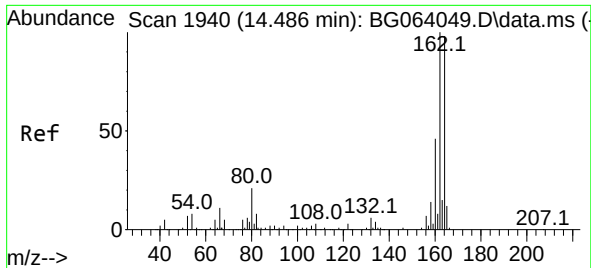
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#38
1-Methylnaphthalene
Concen: 49.363 ng
RT: 12.526 min Scan# 1606
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

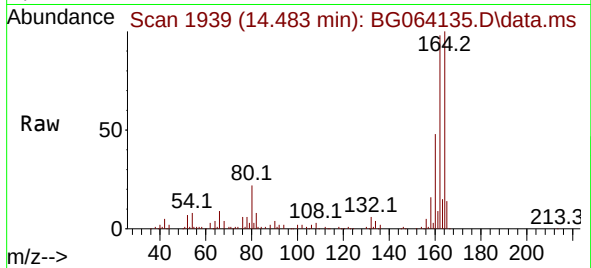
Tgt Ion:142 Resp: 276960
Ion Ratio Lower Upper
142 100
141 83.7 71.2 106.8
116 5.1 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1940
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

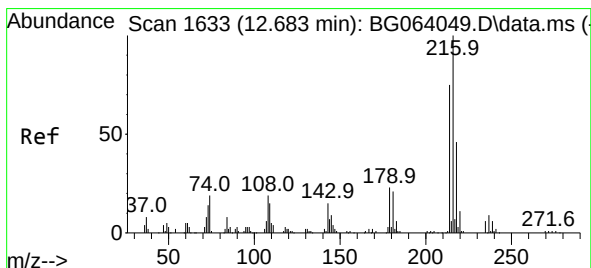
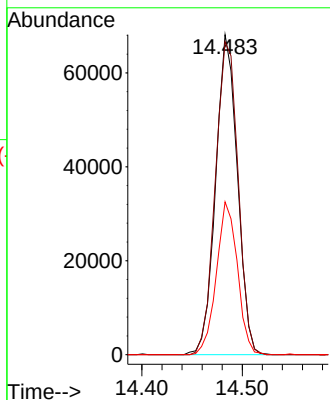
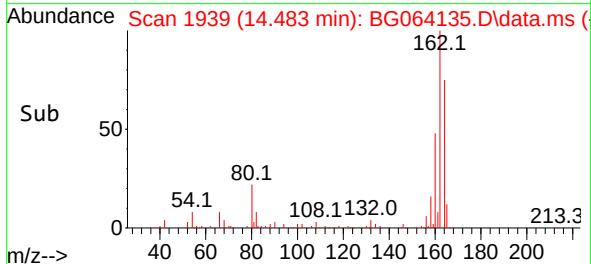
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



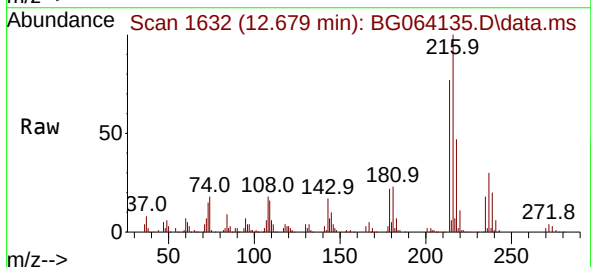
Tgt Ion:164 Resp: 102278
Ion Ratio Lower Upper
164 100
162 97.8 81.4 122.0
160 47.7 37.0 55.6

Manual Integrations
APPROVED

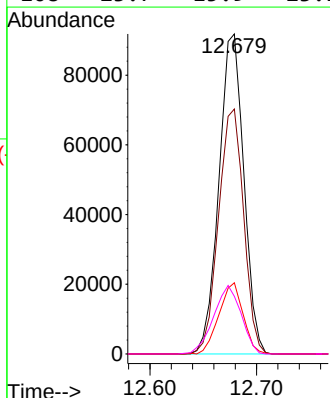
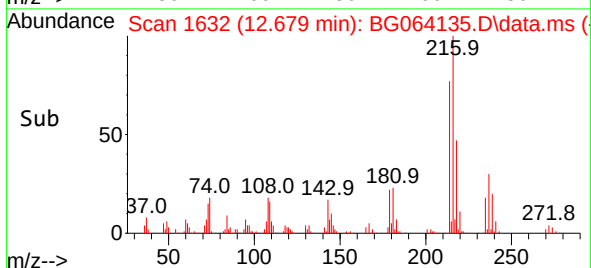
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

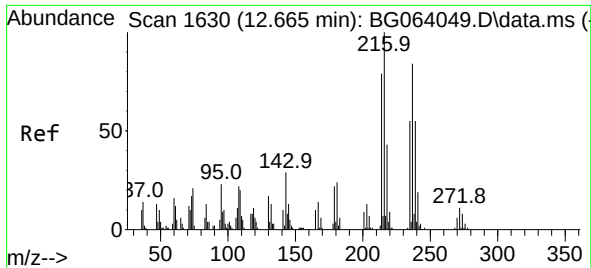


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.923 ng
RT: 12.679 min Scan# 1632
Delta R.T. -0.004 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03



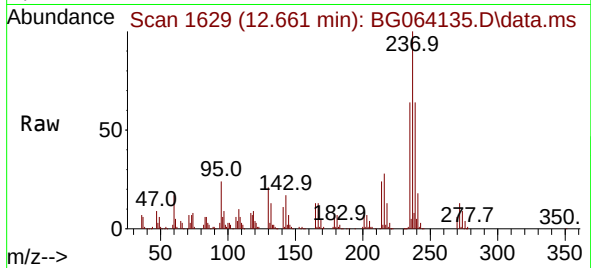
Tgt Ion:216 Resp: 148692
Ion Ratio Lower Upper
216 100
214 77.3 61.7 92.5
179 21.7 17.9 26.9
108 23.7 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 227.561 ng
RT: 12.661 min Scan# 1629
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

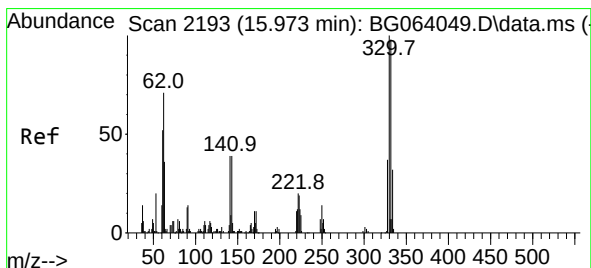
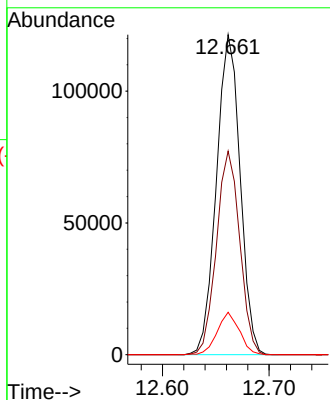
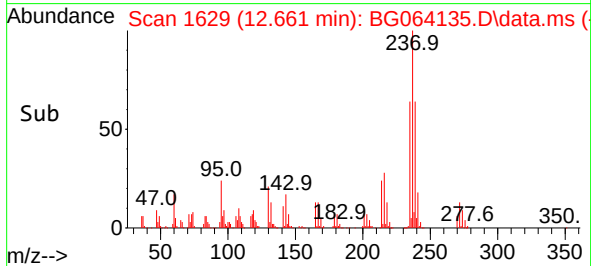
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion:237 Resp: 187010
Ion Ratio Lower Upper
237 100
235 63.6 46.0 86.0
272 13.2 0.0 32.8

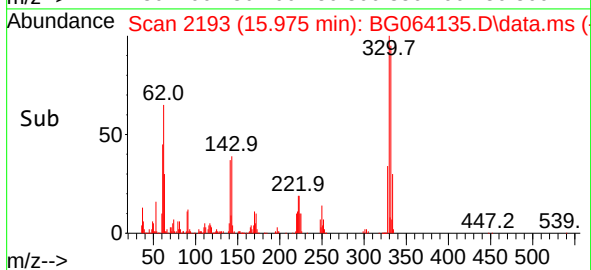
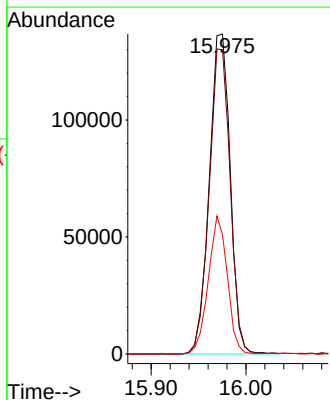
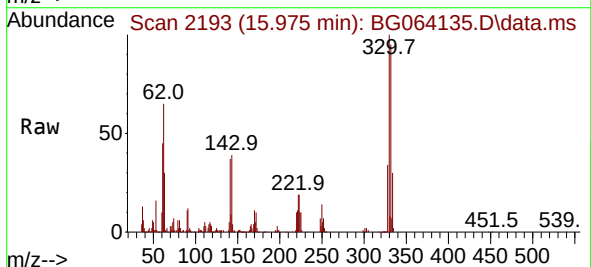
Manual Integrations
APPROVED

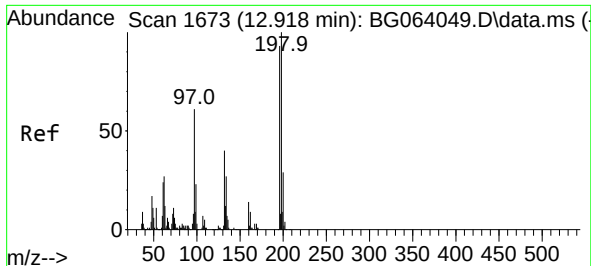
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#42
2,4,6-Tribromophenol
Concen: 184.219 ng
RT: 15.975 min Scan# 2193
Delta R.T. 0.002 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

Tgt Ion:330 Resp: 209437
Ion Ratio Lower Upper
330 100
332 95.7 76.7 115.1
141 39.3 29.7 44.5





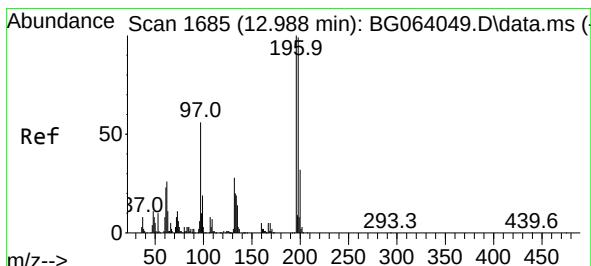
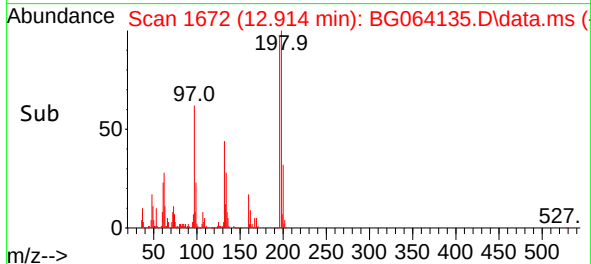
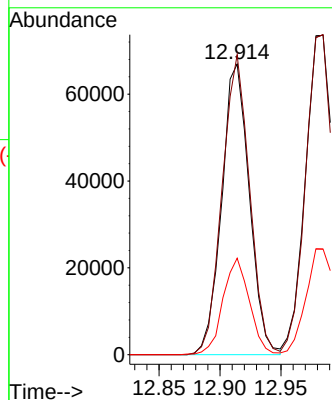
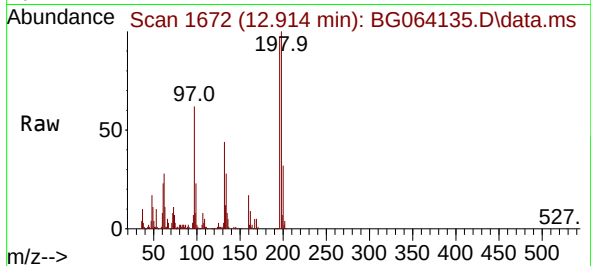
#43
2,4,6-Trichlorophenol
Concen: 61.625 ng
RT: 12.914 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS

Tgt Ion:196 Resp: 10605
Ion Ratio Lower Upper
196 100
198 103.2 85.6 128.4
200 33.2 24.6 37.0

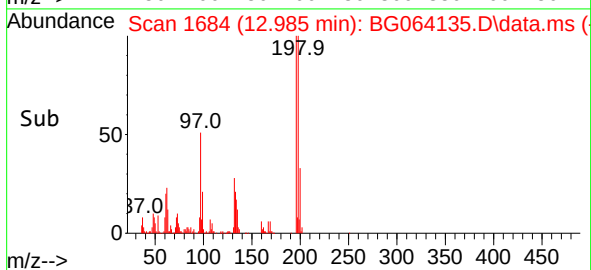
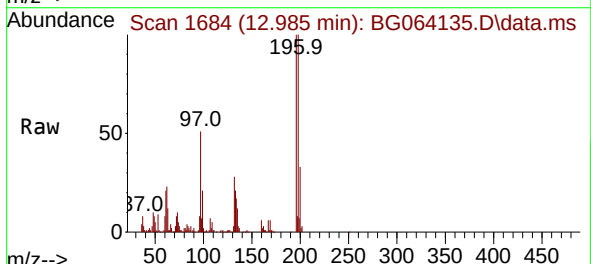
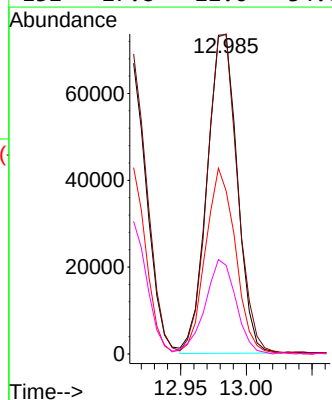
Manual Integrations
APPROVED

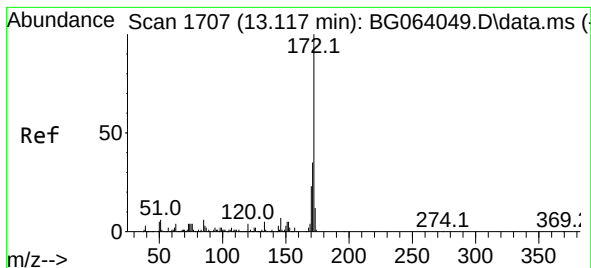
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#44
2,4,5-Trichlorophenol
Concen: 61.460 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

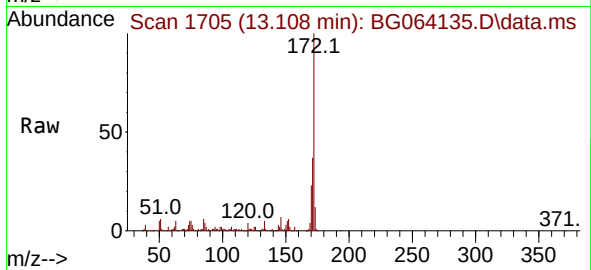
Tgt Ion:196 Resp: 117523
Ion Ratio Lower Upper
196 100
198 100.2 79.5 119.3
97 51.1 45.2 67.8
132 27.8 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 104.574 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.009 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

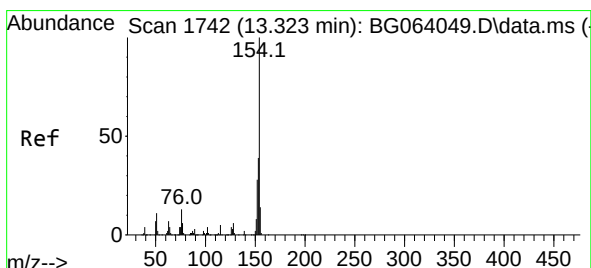
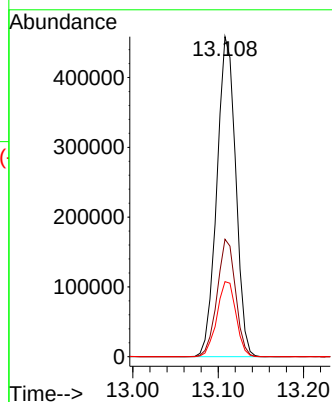
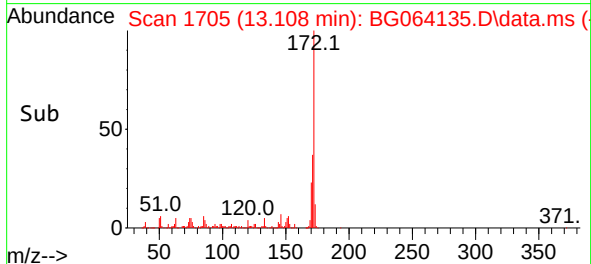
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion:172 Resp: 704640
Ion Ratio Lower Upper
172 100
171 36.7 28.0 42.0
170 23.5 18.7 28.1

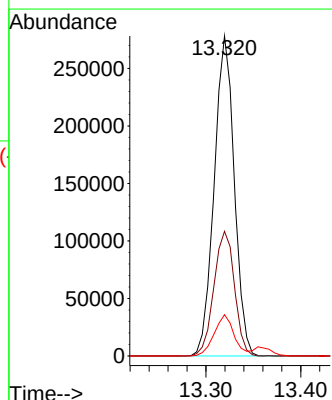
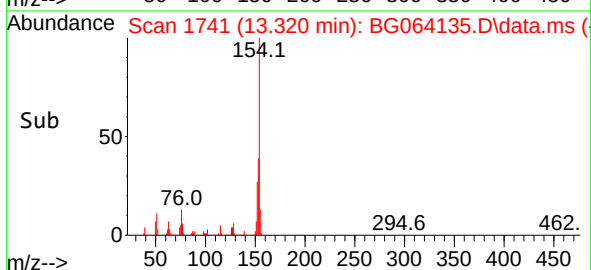
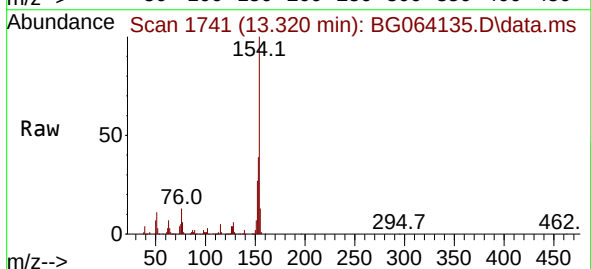
Manual Integrations
APPROVED

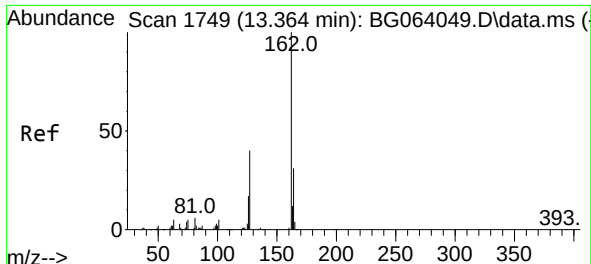
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#46
1,1'-Biphenyl
Concen: 53.002 ng
RT: 13.320 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

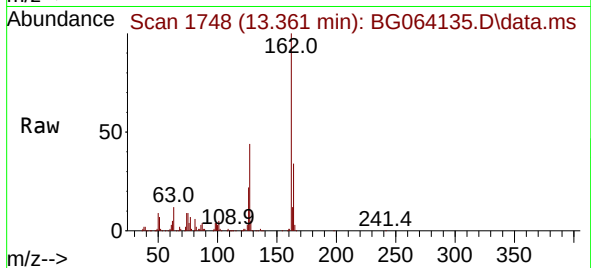
Tgt Ion:154 Resp: 409560
Ion Ratio Lower Upper
154 100
153 39.0 19.5 59.5
76 12.9 0.0 33.5





#47
2-Chloronaphthalene
Concen: 53.437 ng
RT: 13.361 min Scan# 1749
Delta R.T. -0.004 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

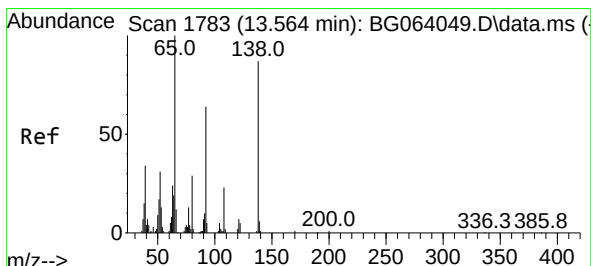
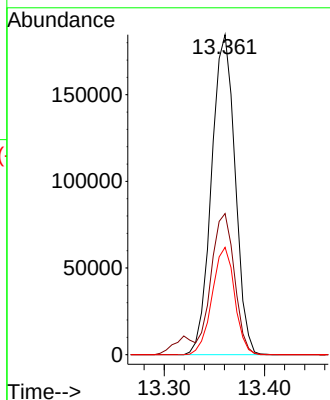
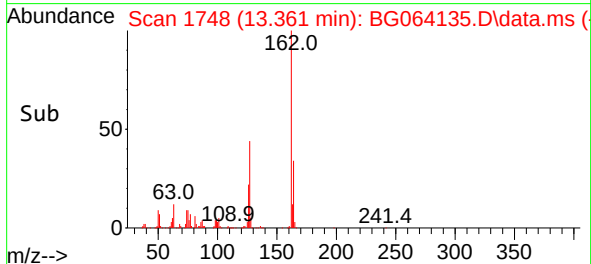
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion:162 Resp: 301152
Ion Ratio Lower Upper
162 100
127 44.1 35.0 52.4
164 33.6 25.0 37.6

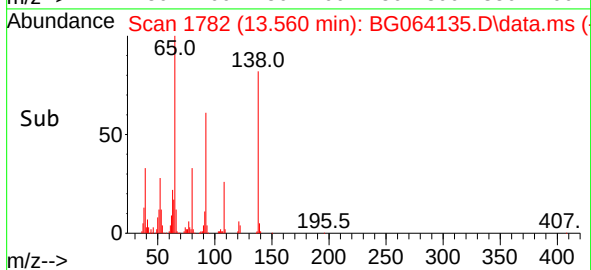
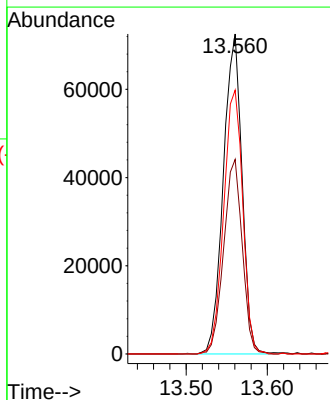
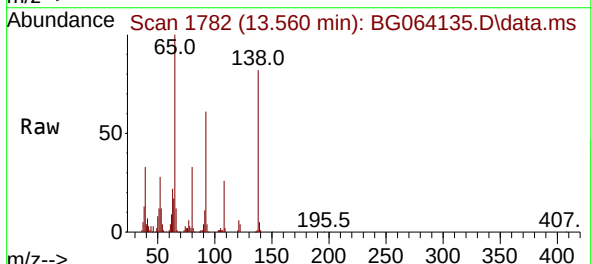
Manual Integrations
APPROVED

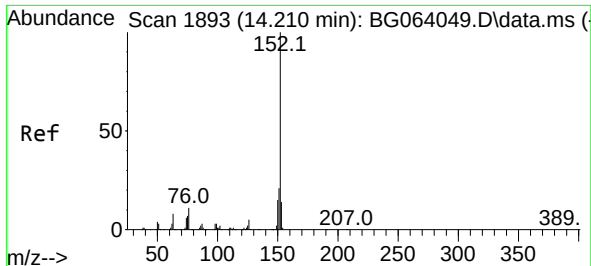
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#48
2-Nitroaniline
Concen: 59.139 ng
RT: 13.560 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

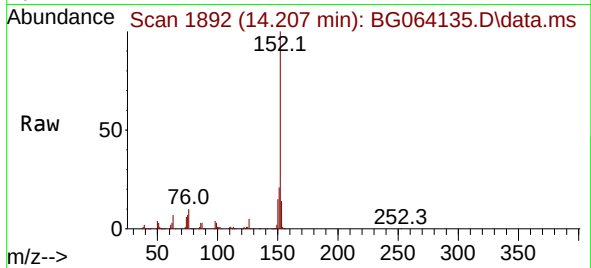
Tgt Ion: 65 Resp: 115806
Ion Ratio Lower Upper
65 100
92 60.8 51.2 76.8
138 82.5 69.4 104.2





#49
Acenaphthylene
Concen: 56.277 ng
RT: 14.207 min Scan# 1892
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

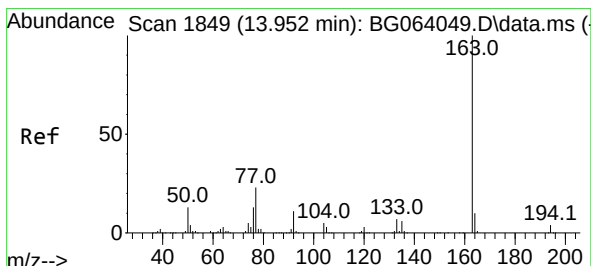
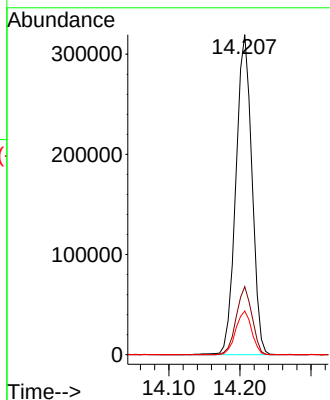
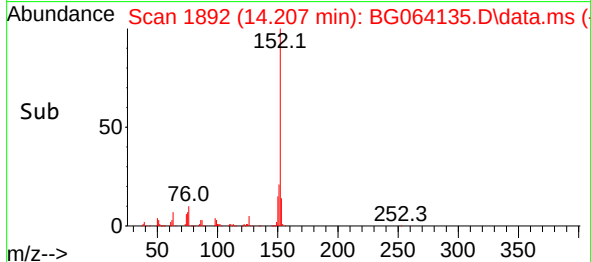
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



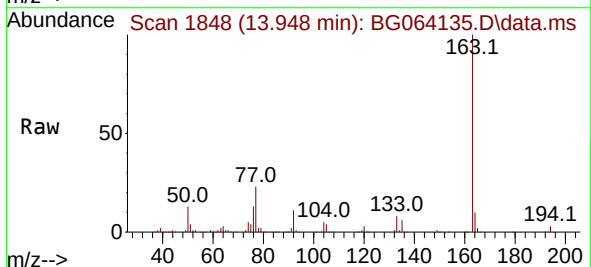
Tgt Ion:152 Resp: 501658
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6
153 13.7 10.9 16.3

Manual Integrations
APPROVED

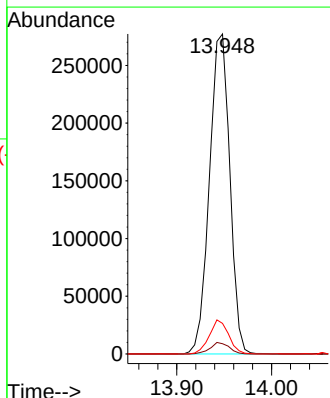
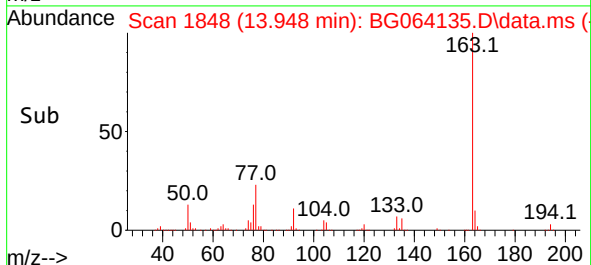
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

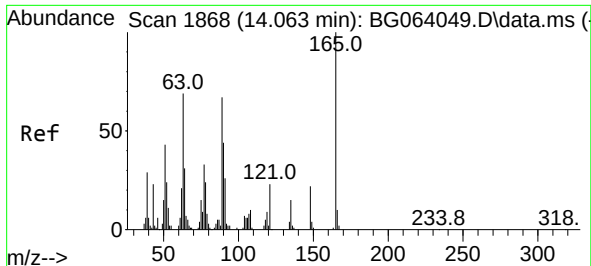


#50
Dimethylphthalate
Concen: 54.772 ng
RT: 13.948 min Scan# 1848
Delta R.T. -0.004 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03



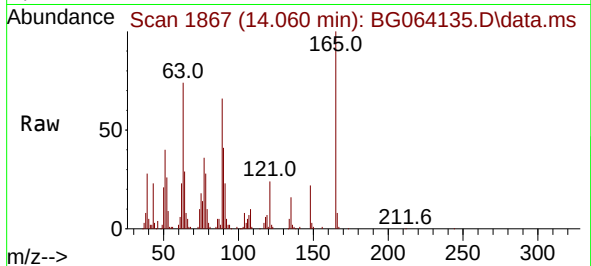
Tgt Ion:163 Resp: 413521
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 9.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 55.360 ng
RT: 14.060 min Scan# 1867
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

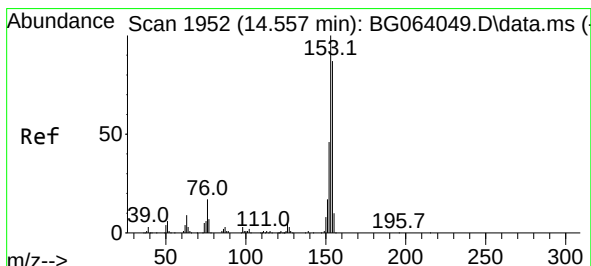
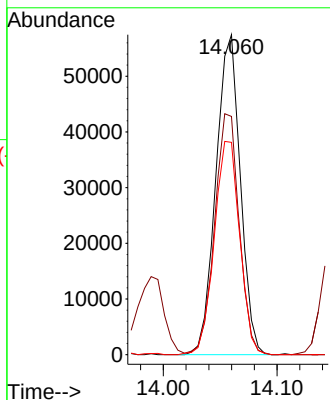
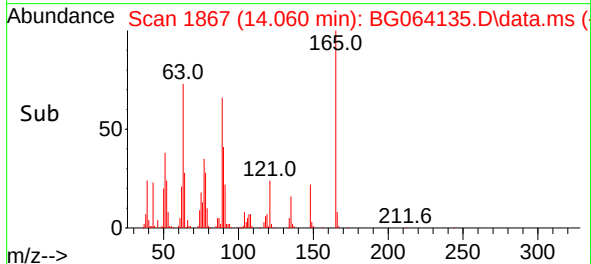
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion:165 Resp: 8564
Ion Ratio Lower Upper
165 100
63 74.5 56.7 85.1
89 66.3 53.7 80.5

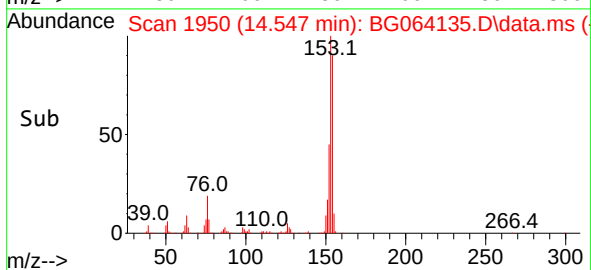
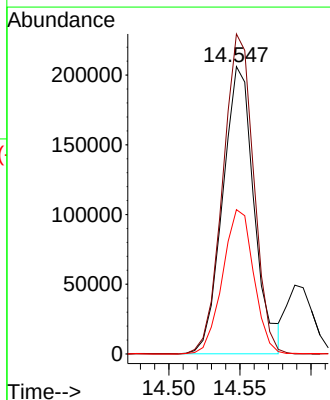
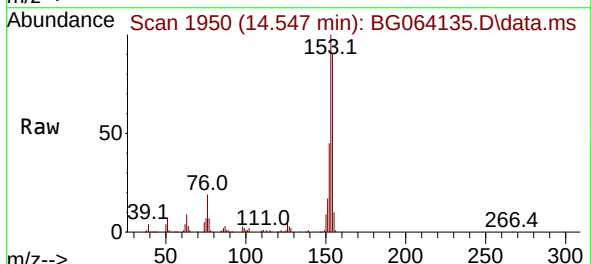
Manual Integrations
APPROVED

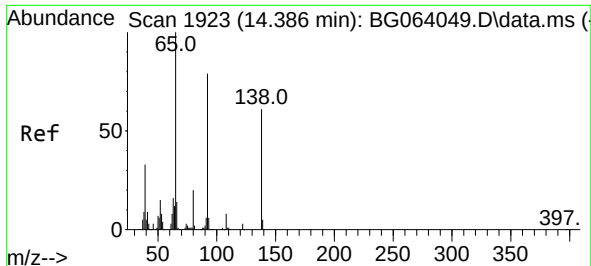
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#52
Acenaphthene
Concen: 53.023 ng
RT: 14.547 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

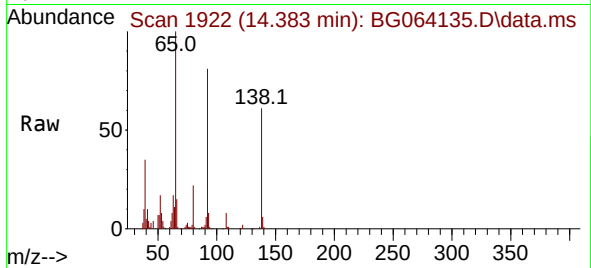
Tgt Ion:154 Resp: 317199
Ion Ratio Lower Upper
154 100
153 111.4 91.6 137.4
152 50.2 42.5 63.7





#53
3-Nitroaniline
Concen: 27.699 ng
RT: 14.383 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

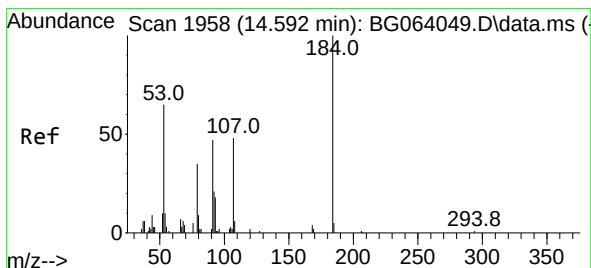
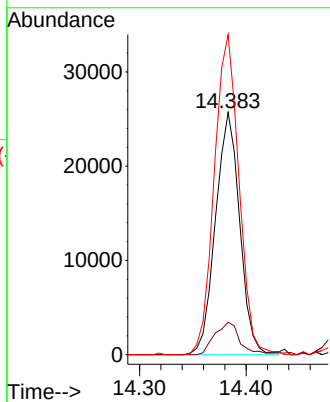
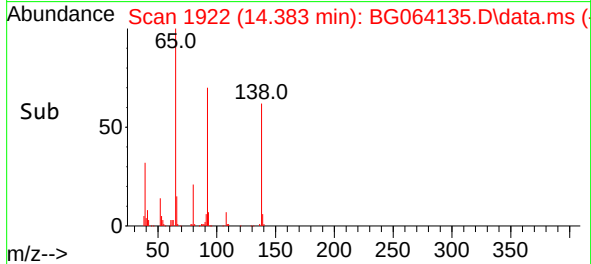
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion:138 Resp: 40418
Ion Ratio Lower Upper
138 100
108 13.4 10.1 15.1
92 132.1 104.1 156.1

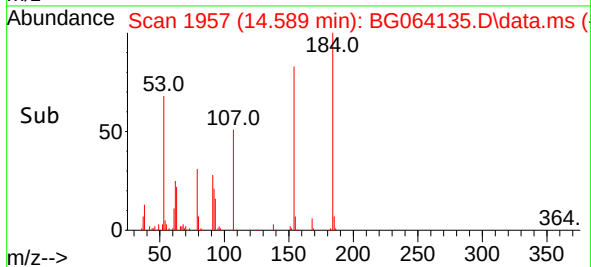
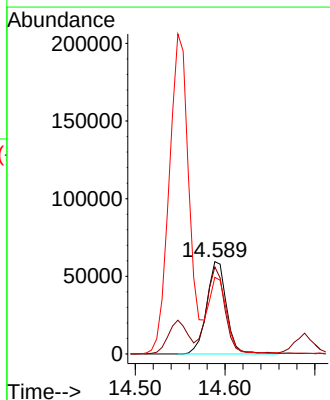
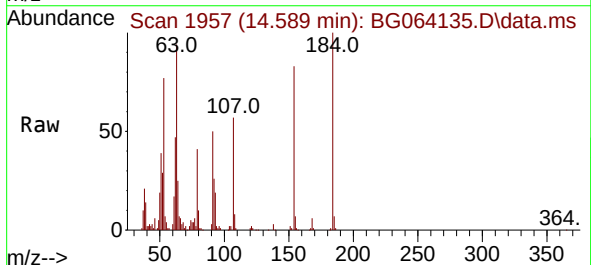
Manual Integrations
APPROVED

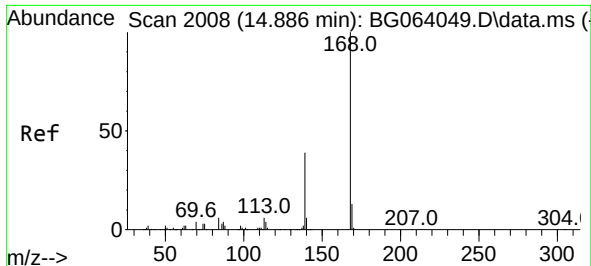
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#54
2,4-Dinitrophenol
Concen: 136.095 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

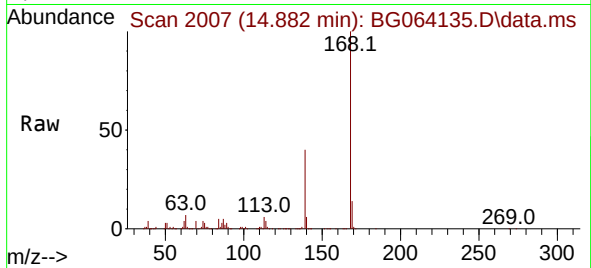
Tgt Ion:184 Resp: 90826
Ion Ratio Lower Upper
184 100
63 94.4 57.5 86.3#
154 83.1 52.3 78.5#





#55
Dibenzofuran
Concen: 50.643 ng
RT: 14.882 min Scan# 2008
Delta R.T. -0.004 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

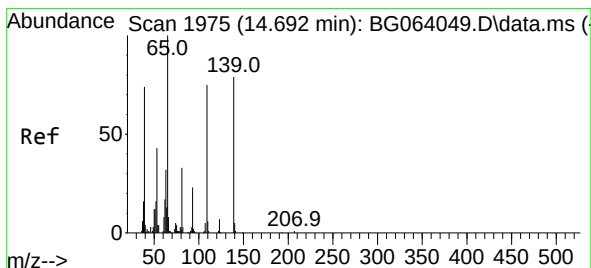
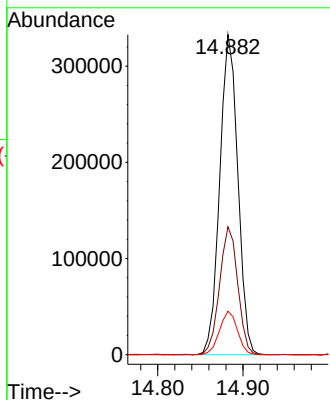
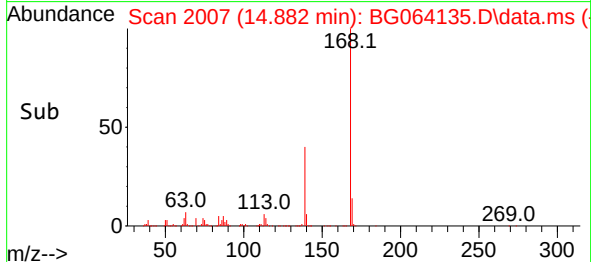
Instrument : BNA_G
ClientSampleId : P001-BBDGA-001-01-05MS



Tgt Ion:168 Resp: 49080
Ion Ratio Lower Upper
168 100
139 39.9 31.1 46.7
169 13.6 10.5 15.7

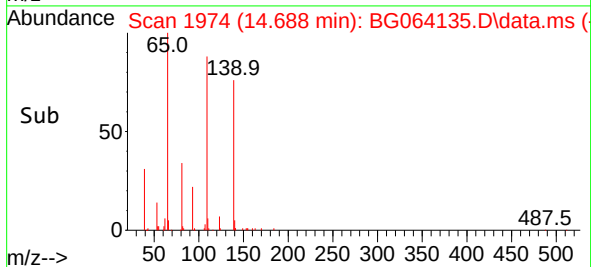
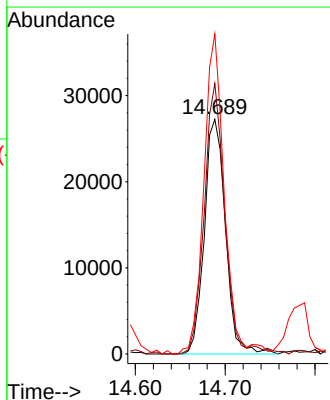
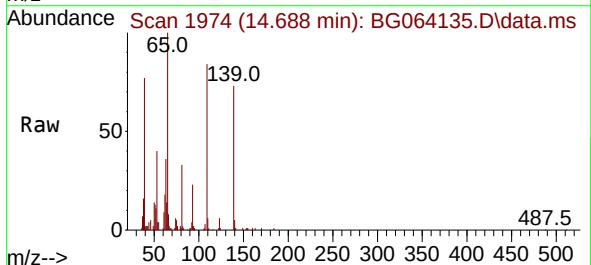
Manual Integrations
APPROVED

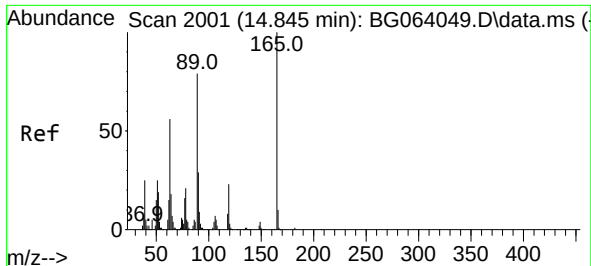
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#56
4-Nitrophenol
Concen: 36.426 ng
RT: 14.688 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

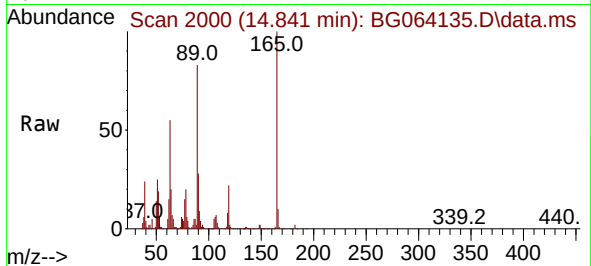
Tgt Ion:139 Resp: 44577
Ion Ratio Lower Upper
139 100
109 115.2 74.9 114.9#
65 136.4 106.8 146.8





#57
2,4-Dinitrotoluene
Concen: 59.472 ng
RT: 14.841 min Scan# 2001
Delta R.T. -0.004 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

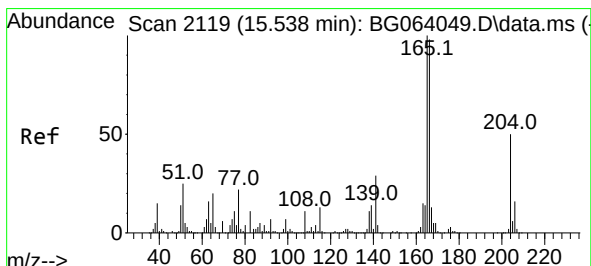
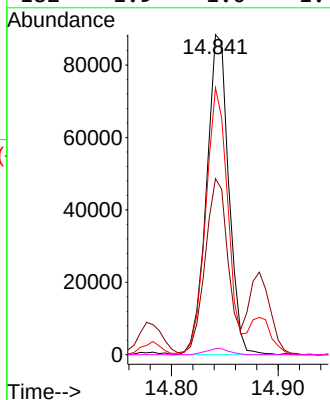
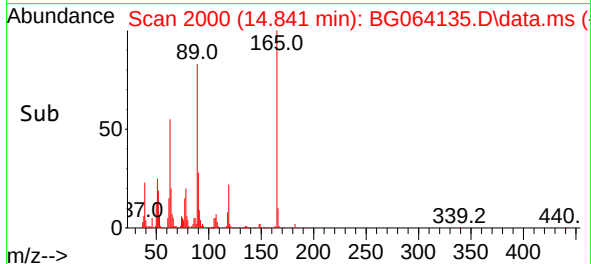
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion:165 Resp: 12768
Ion Ratio Lower Upper
165 100
63 55.0 45.0 67.6
89 83.4 63.1 94.7
182 1.9 1.0 1.4#

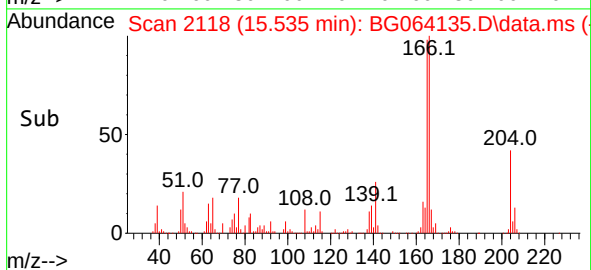
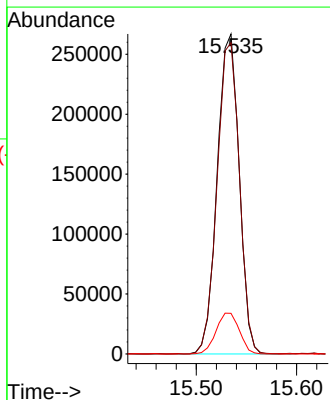
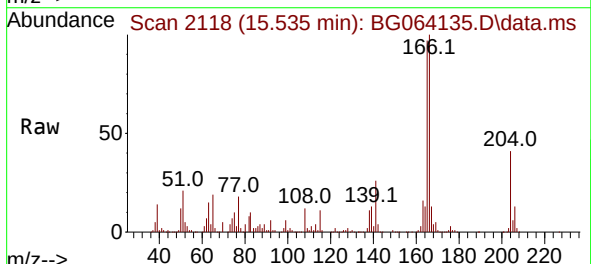
Manual Integrations
APPROVED

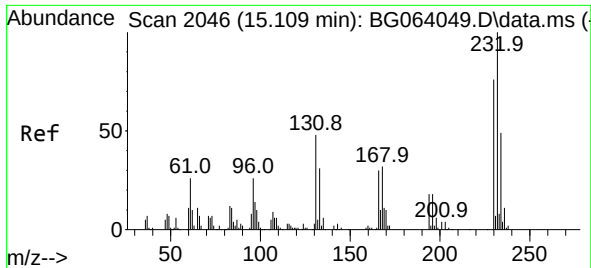
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#58
Fluorene
Concen: 53.658 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

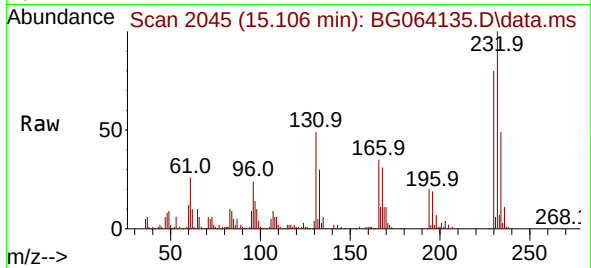
Tgt Ion:166 Resp: 405019
Ion Ratio Lower Upper
166 100
165 97.3 81.8 122.8
167 12.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.895 ng
RT: 15.106 min Scan# 2045
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

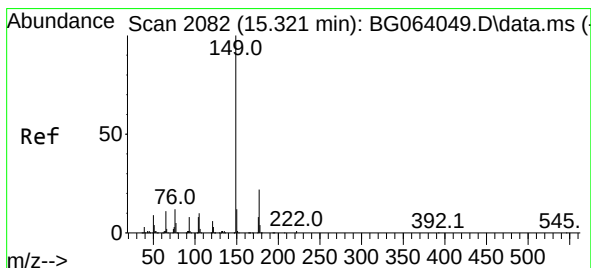
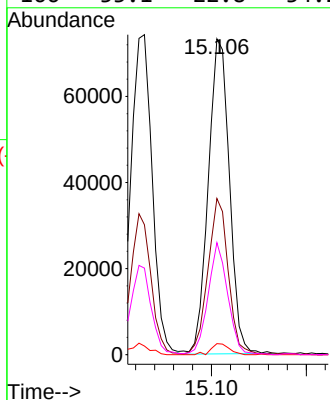
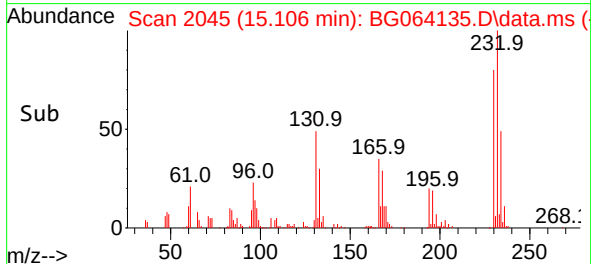
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion:232 Resp: 113519
Ion Ratio Lower Upper
232 100
131 47.3 36.3 54.5
130 3.0 1.9 2.9
166 33.1 22.8 34.2

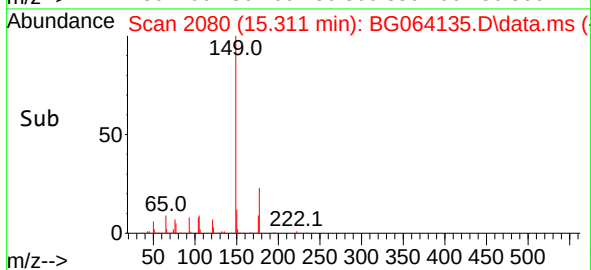
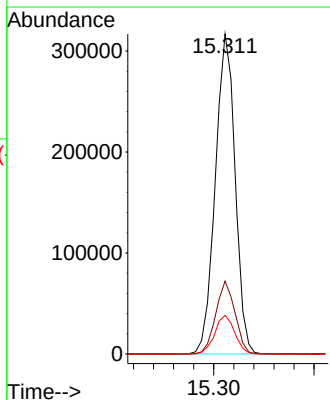
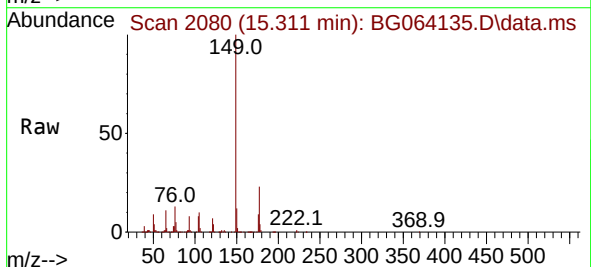
Manual Integrations
APPROVED

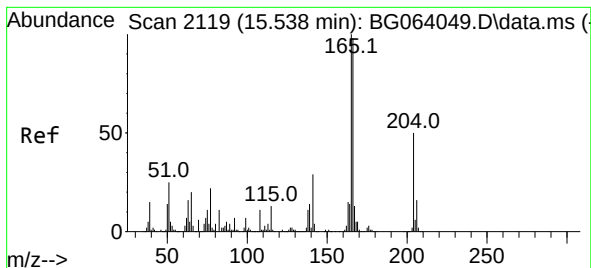
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#60
Diethylphthalate
Concen: 52.918 ng
RT: 15.311 min Scan# 2080
Delta R.T. -0.009 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

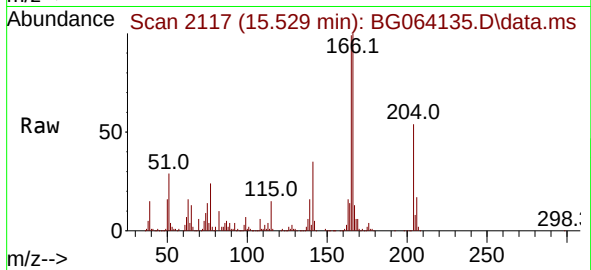
Tgt Ion:149 Resp: 433728
Ion Ratio Lower Upper
149 100
177 22.8 17.4 26.2
150 12.1 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 51.139 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.009 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

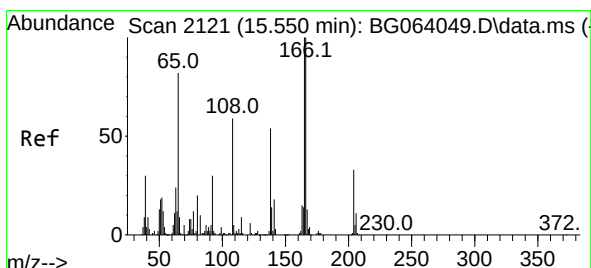
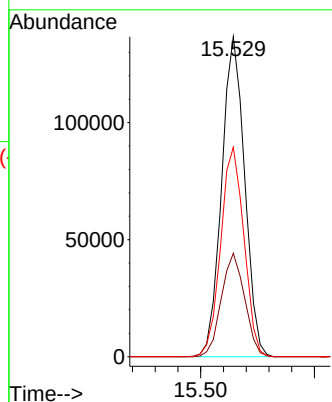
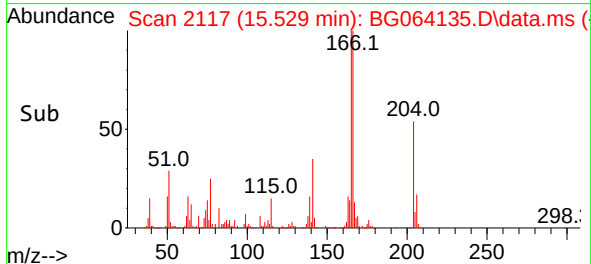
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



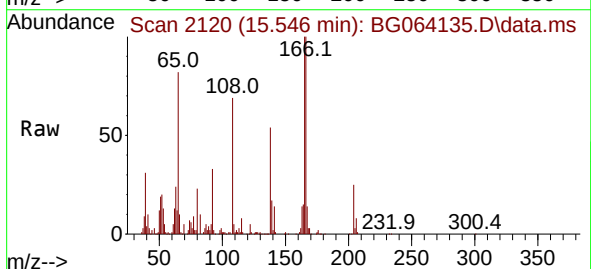
Tgt Ion:204 Resp: 19182
Ion Ratio Lower Upper
204 100
206 32.3 25.5 38.3
141 65.4 45.4 68.0

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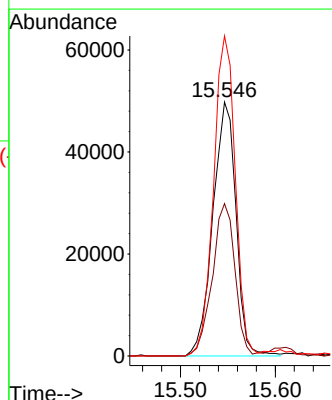
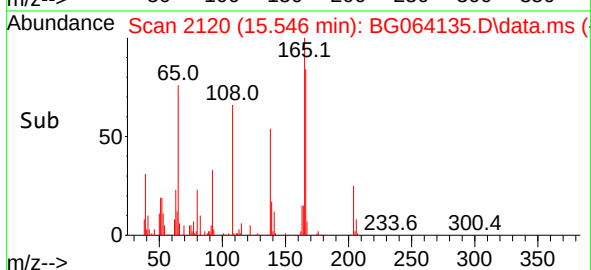
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

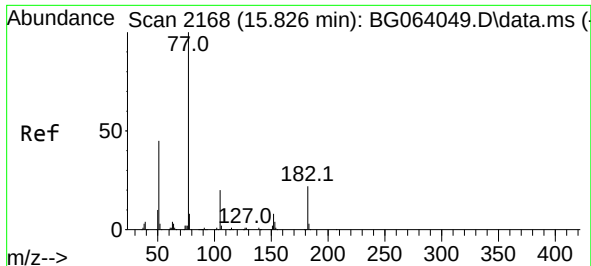


#62
4-Nitroaniline
Concen: 53.717 ng
RT: 15.546 min Scan# 2120
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03



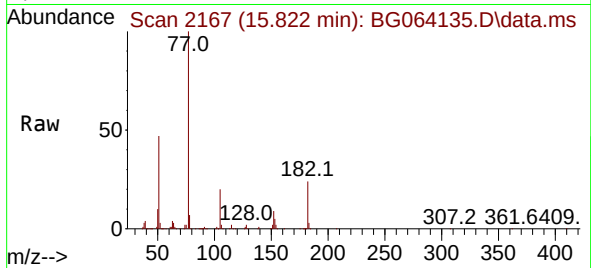
Tgt Ion:138 Resp: 84625
Ion Ratio Lower Upper
138 100
92 60.0 36.1 76.1
108 126.0 87.9 127.9





#63
Azobenzene
Concen: 51.402 ng
RT: 15.822 min Scan# 2168
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

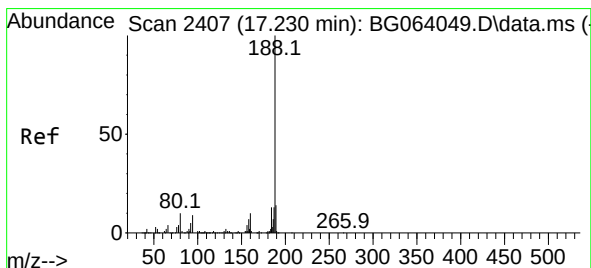
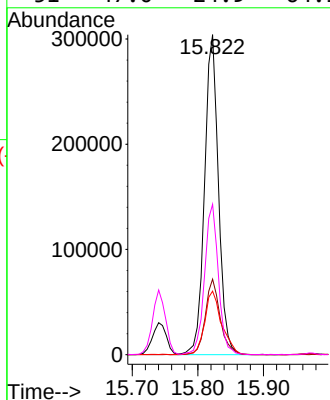
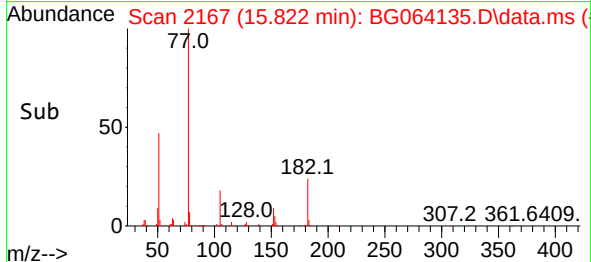
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion: 77 Resp: 44956
Ion Ratio Lower Upper
77 100
182 23.6 2.4 42.4
105 19.8 0.0 40.0
51 47.0 24.9 64.9

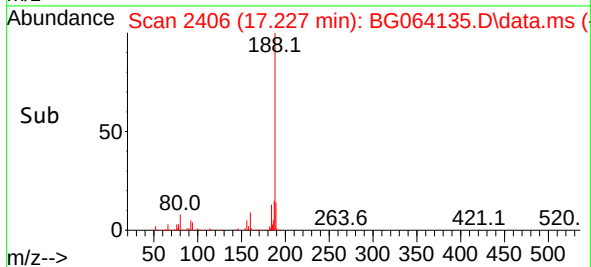
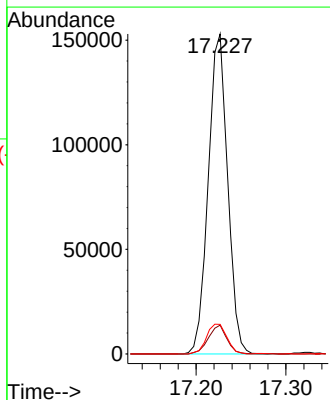
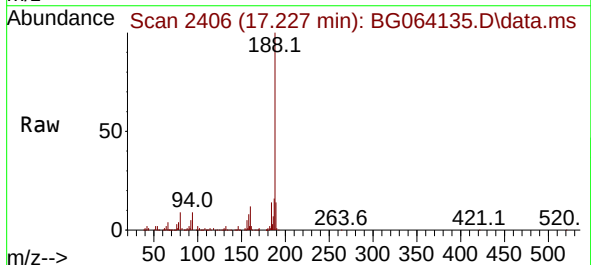
Manual Integrations
APPROVED

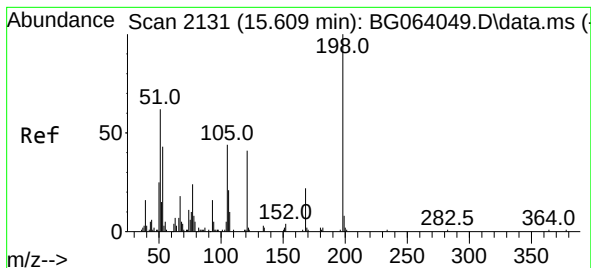
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

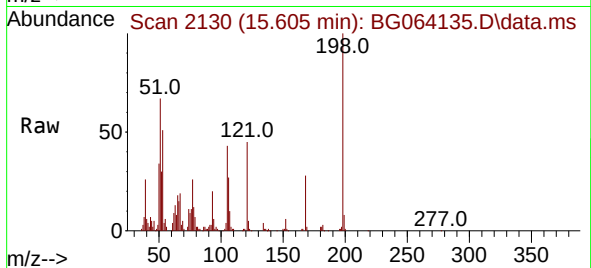
Tgt Ion:188 Resp: 228948
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 9.3 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 70.318 ng
RT: 15.605 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

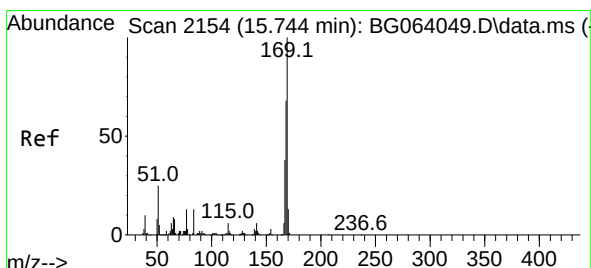
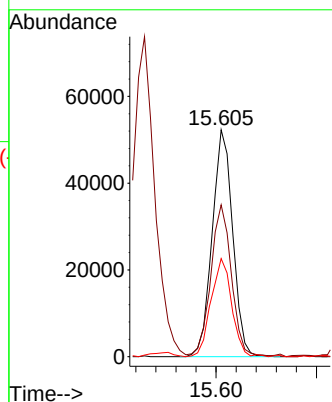
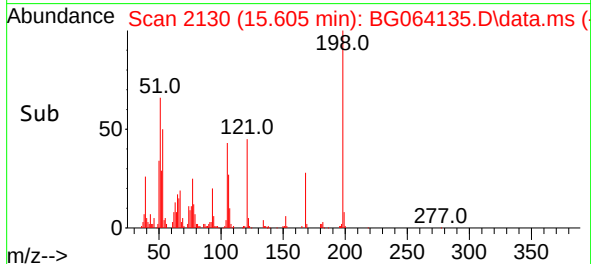
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



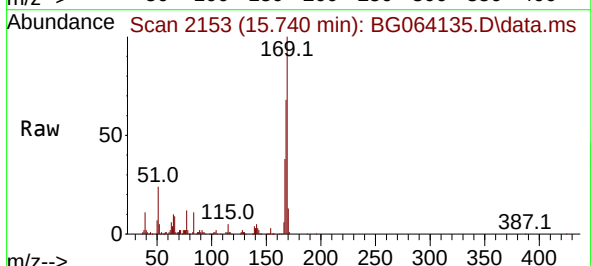
Tgt Ion:198 Resp: 7408
Ion Ratio Lower Upper
198 100
51 66.9 45.6 85.6
105 43.2 25.3 65.3

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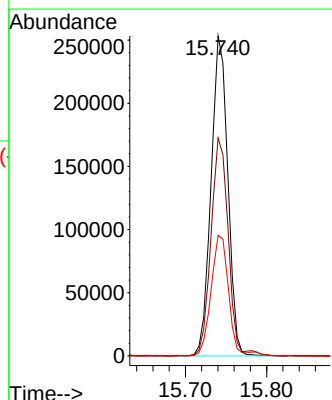
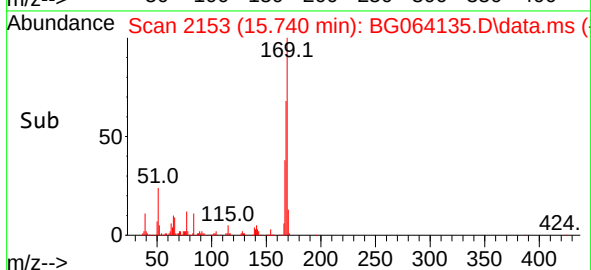
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

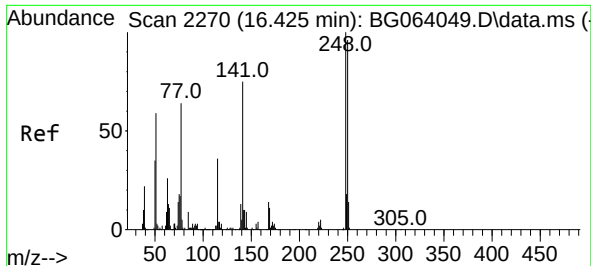


#66
n-Nitrosodiphenylamine
Concen: 55.908 ng
RT: 15.740 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03



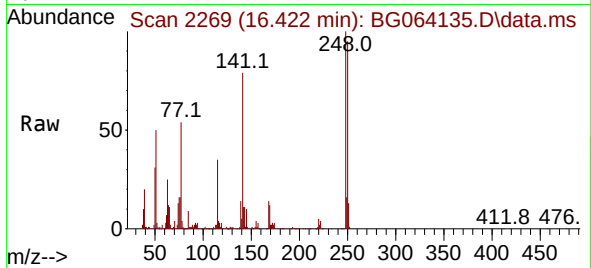
Tgt Ion:169 Resp: 362322
Ion Ratio Lower Upper
169 100
168 68.1 54.1 81.1
167 37.6 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 57.375 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

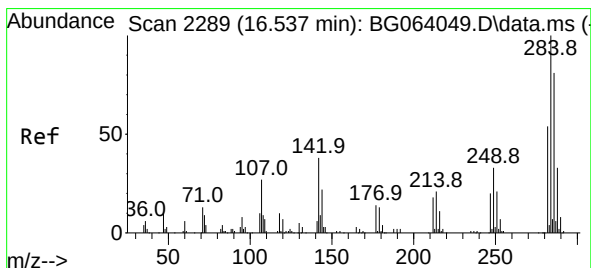
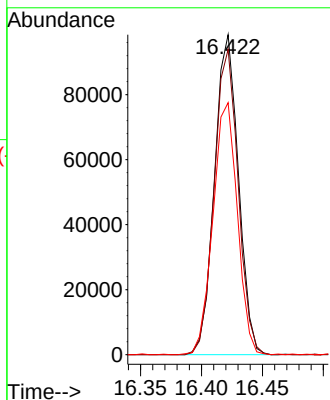
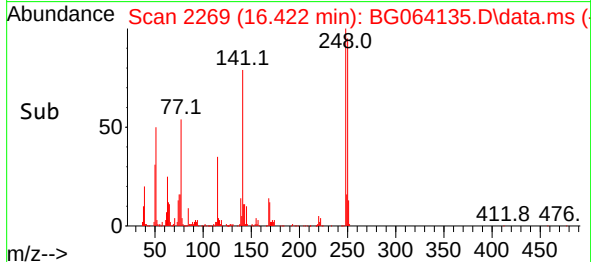
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



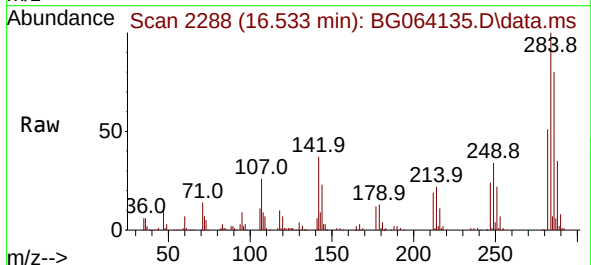
Tgt Ion:248 Resp: 13453
Ion Ratio Lower Upper
248 100
250 95.4 77.1 115.7
141 78.8 59.8 89.8

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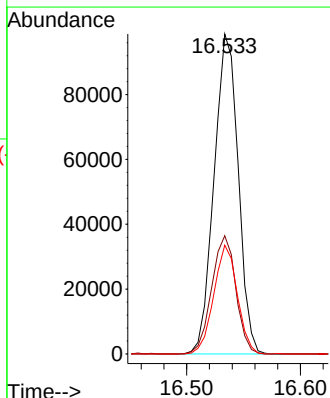
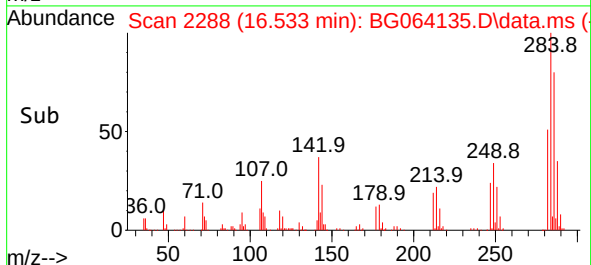
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

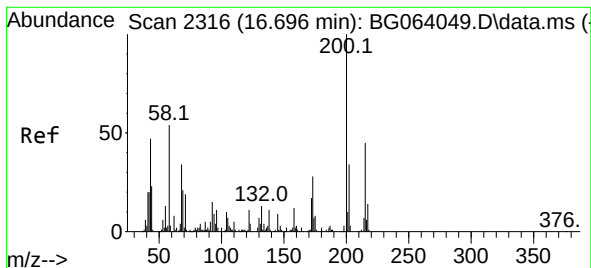


#68
Hexachlorobenzene
Concen: 55.446 ng
RT: 16.533 min Scan# 2288
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03



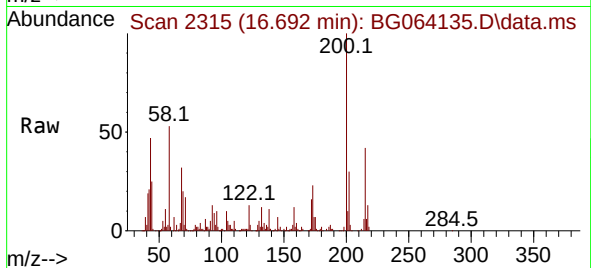
Tgt Ion:284 Resp: 145556
Ion Ratio Lower Upper
284 100
142 37.0 30.6 45.8
249 34.0 26.6 39.8





#69
 Atrazine
 Concen: 79.291 ng
 RT: 16.692 min Scan# 21519
 Delta R.T. -0.004 min
 Lab File: BG064135.D
 Acq: 1 Apr 2025 15:03

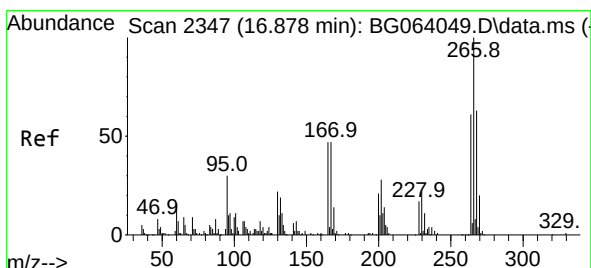
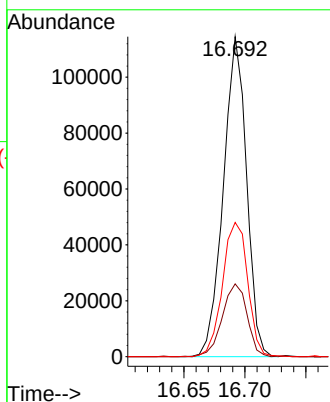
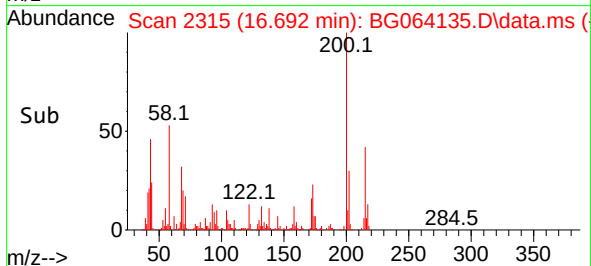
Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-001-01-05MS



Tgt Ion:200 Resp: 151192
 Ion Ratio Lower Upper
 200 100
 173 22.8 8.2 48.2
 215 42.0 25.5 65.5

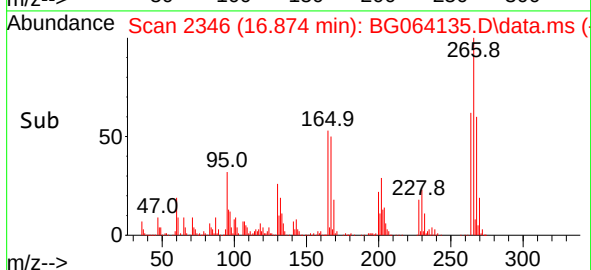
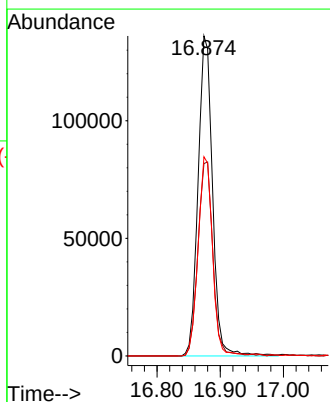
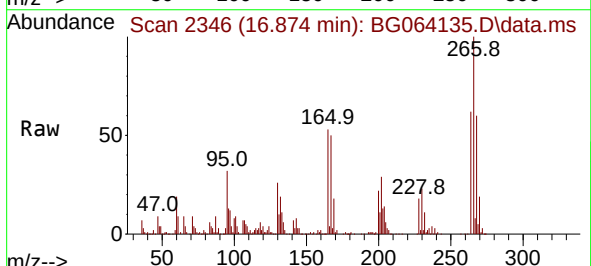
Manual Integrations
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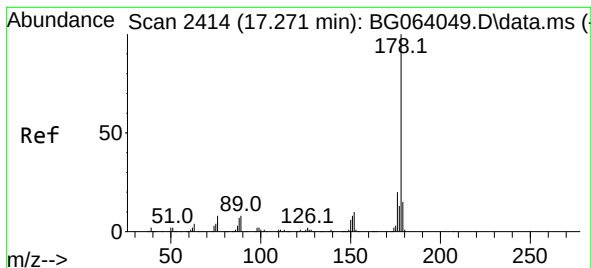
Reviewed By :Anahy Claudio 04/02/2025
 Supervised By :Jagrut Upadhyay 04/02/2025



#70
 Pentachlorophenol
 Concen: 132.509 ng
 RT: 16.874 min Scan# 2346
 Delta R.T. -0.004 min
 Lab File: BG064135.D
 Acq: 1 Apr 2025 15:03

Tgt Ion:266 Resp: 215982
 Ion Ratio Lower Upper
 266 100
 268 60.2 50.2 75.4
 264 62.3 48.9 73.3





#71

Phenanthrene

Concen: 56.747 ng

RT: 17.268 min Scan# 2414

Delta R.T. -0.003 min

Lab File: BG064135.D

Acq: 1 Apr 2025 15:03

Instrument :

BNA_G

ClientSampleId :

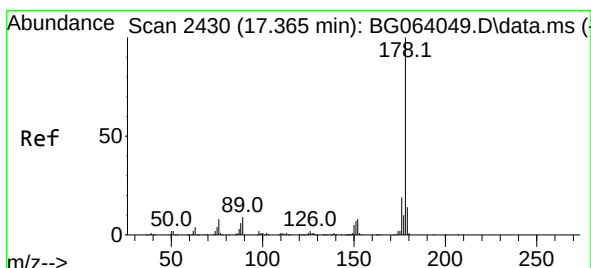
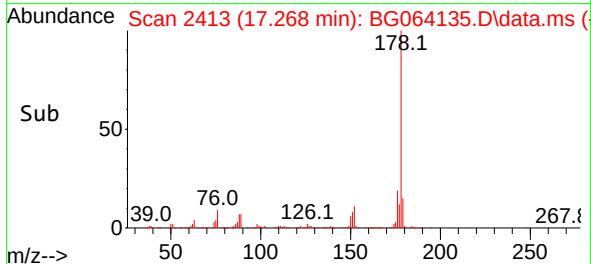
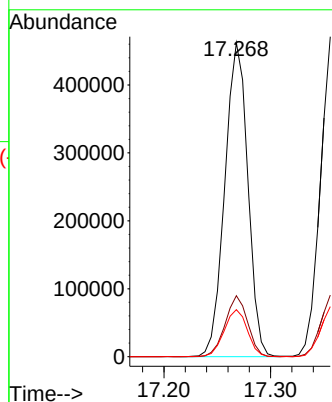
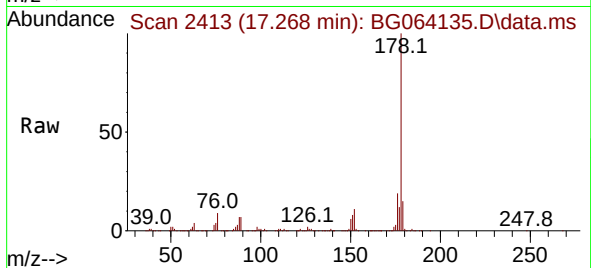
P001-BBDGA-001-01-05MS

Tgt Ion:178 Resp: 692975
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.0 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: 57.590 ng

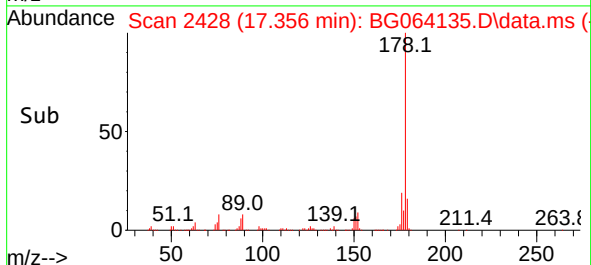
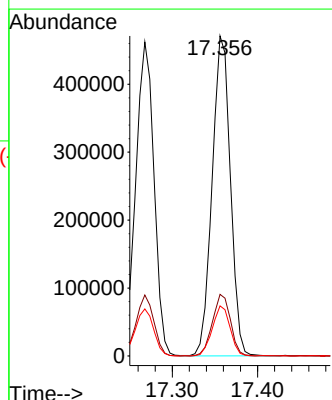
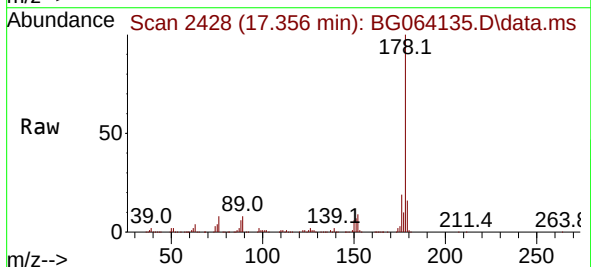
RT: 17.356 min Scan# 2428

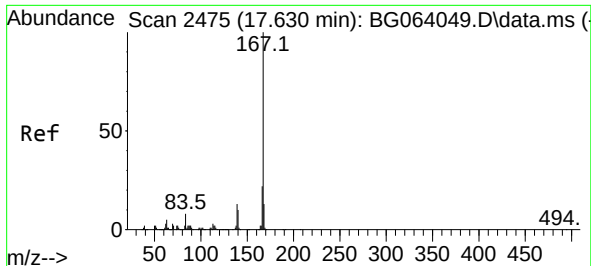
Delta R.T. -0.009 min

Lab File: BG064135.D

Acq: 1 Apr 2025 15:03

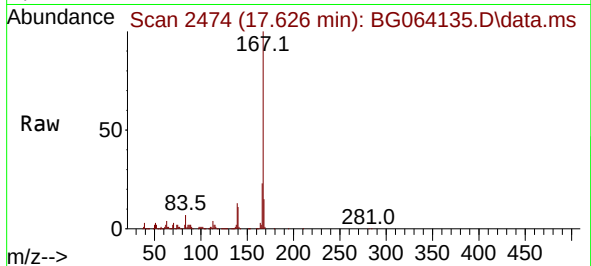
Tgt Ion:178 Resp: 699296
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.8 22.2
 179 15.7 11.5 17.3





#73
 Carbazole
 Concen: 58.686 ng
 RT: 17.626 min Scan# 2475
 Delta R.T. -0.003 min
 Lab File: BG064135.D
 Acq: 1 Apr 2025 15:03

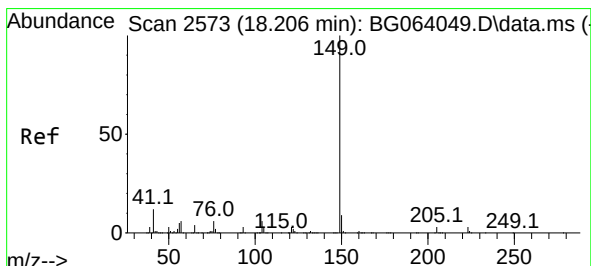
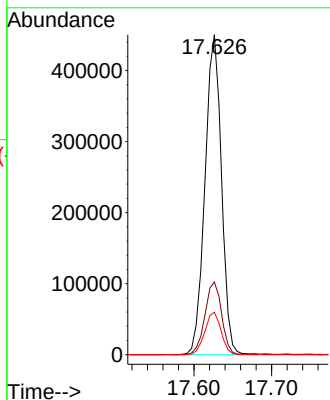
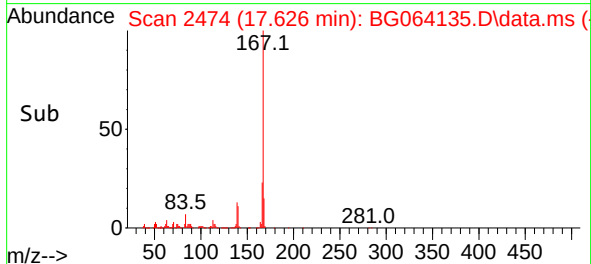
Instrument : BNA_G
 ClientSampleId : P001-BBDGA-001-01-05MS



Tgt Ion:167 Resp: 66533
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 13.2 10.6 15.8

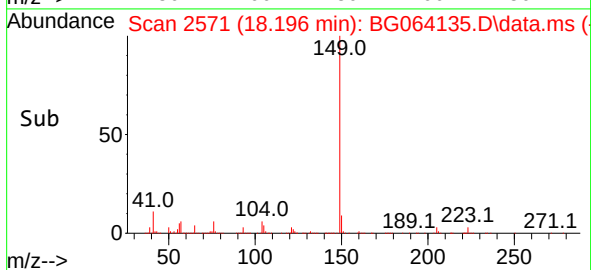
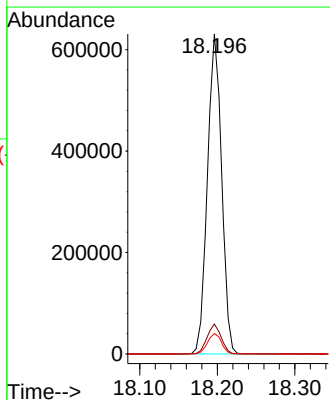
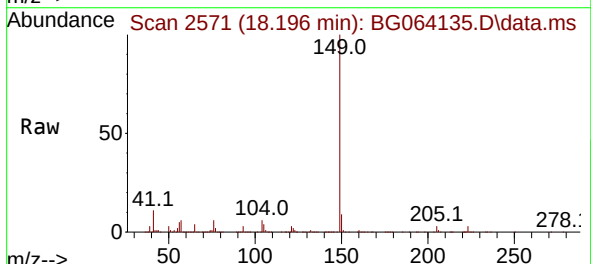
Manual Integrations
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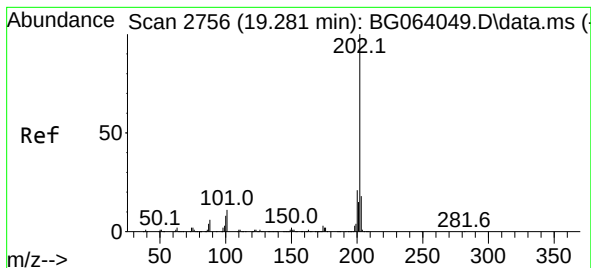
Reviewed By :Anahy Claudio 04/02/2025
 Supervised By :Jagrut Upadhyay 04/02/2025



#74
 Di-n-butylphthalate
 Concen: 60.035 ng
 RT: 18.196 min Scan# 2571
 Delta R.T. -0.009 min
 Lab File: BG064135.D
 Acq: 1 Apr 2025 15:03

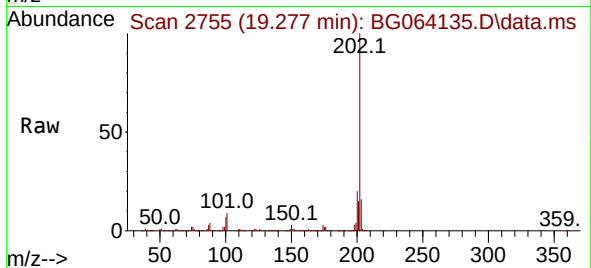
Tgt Ion:149 Resp: 801167
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 6.4 5.0 7.6





#75
Fluoranthene
Concen: 58.810 ng
RT: 19.277 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

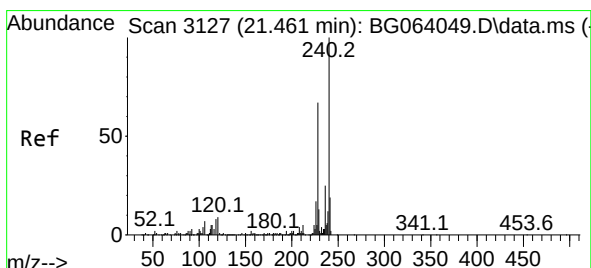
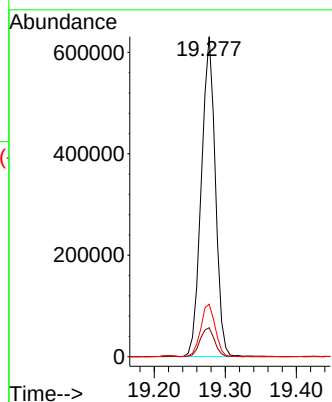
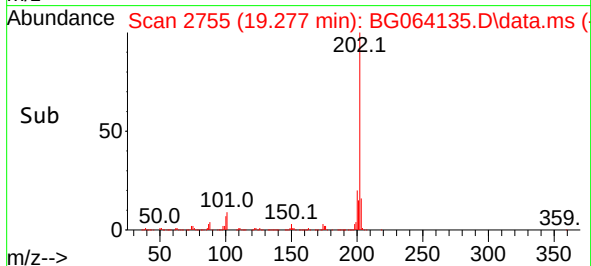
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion:202 Resp: 86579
Ion Ratio Lower Upper
202 100
101 9.1 0.0 30.5
203 16.4 0.0 38.3

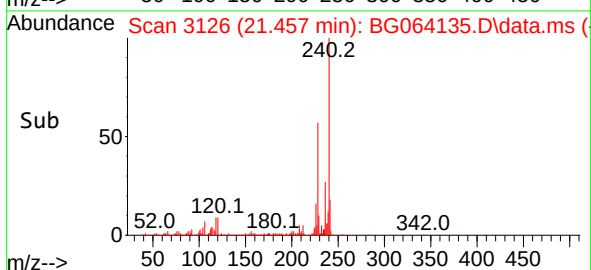
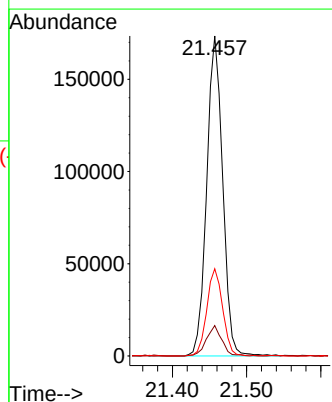
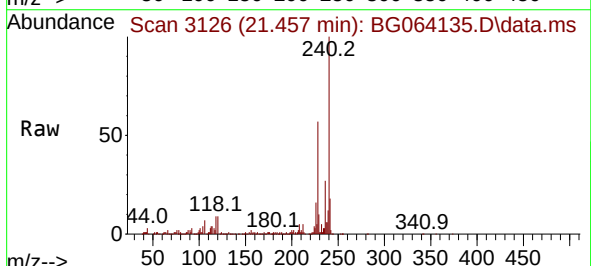
Manual Integrations
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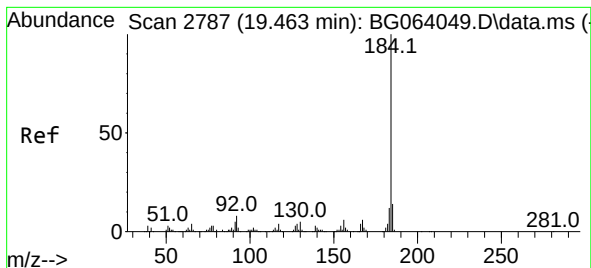
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

Tgt Ion:240 Resp: 259874
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 27.2 20.2 30.2





#77

Benzidine

Concen: 25.725 ng

RT: 19.459 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064135.D

Acq: 1 Apr 2025 15:03

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-001-01-05MS

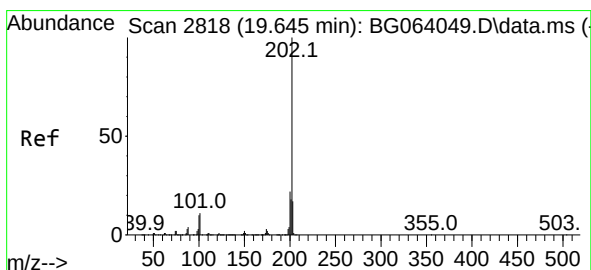
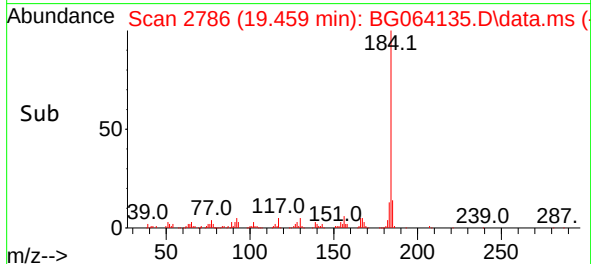
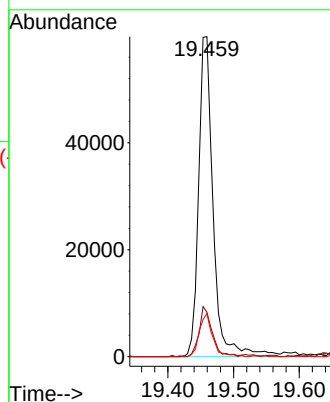
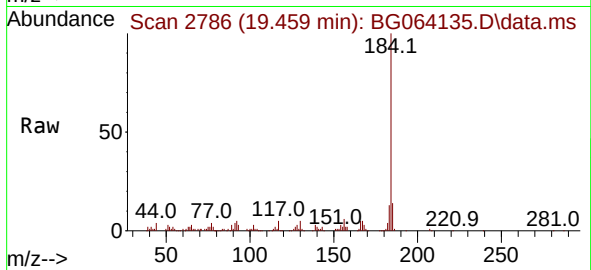
Tgt Ion:184 Resp: 92570
 Ion Ratio Lower Upper
 184 100
 185 13.9 11.3 16.9
 183 13.5 9.5 14.3

Manual Integrations

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Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#78

Pyrene

Concen: 53.312 ng

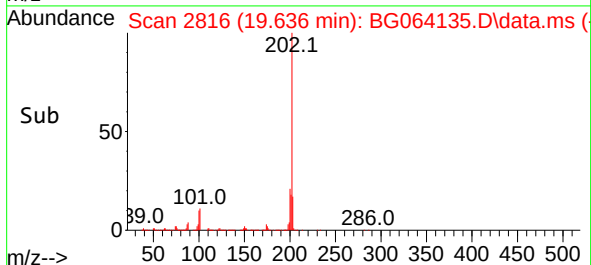
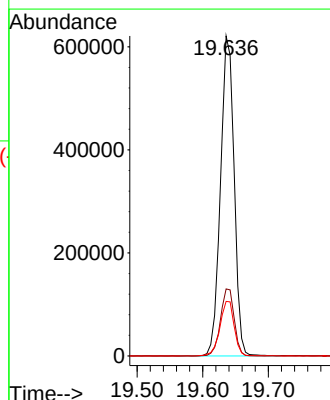
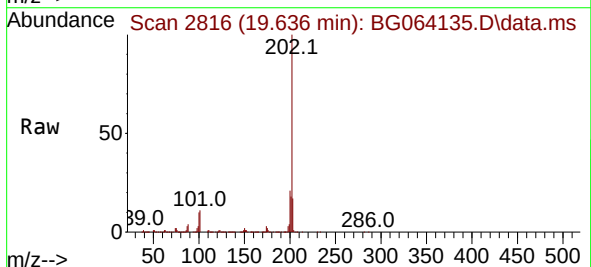
RT: 19.636 min Scan# 2816

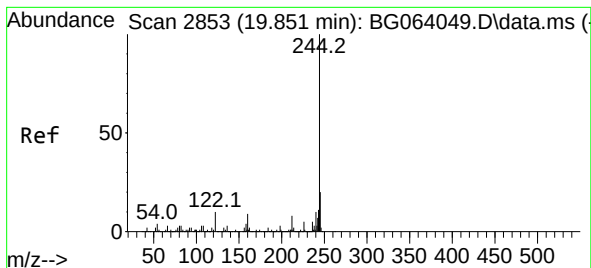
Delta R.T. -0.009 min

Lab File: BG064135.D

Acq: 1 Apr 2025 15:03

Tgt Ion:202 Resp: 893089
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.3 25.9
 203 17.0 13.6 20.4





#79

Terphenyl-d14

Concen: 101.982 ng

RT: 19.847 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064135.D

Acq: 1 Apr 2025 15:03

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-001-01-05MS

Tgt Ion:244 Resp: 131070

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

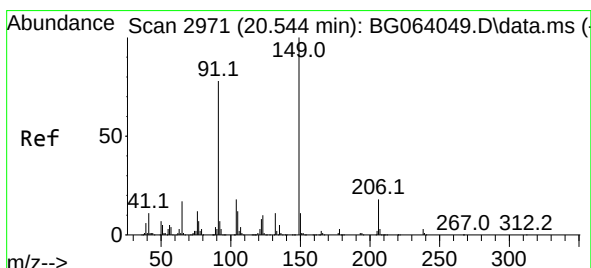
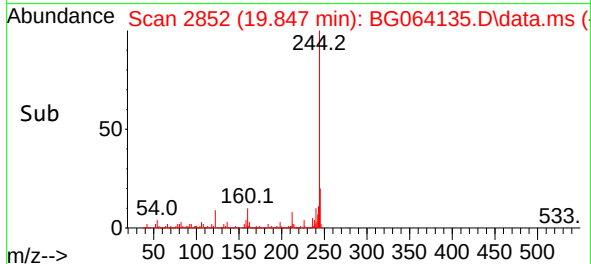
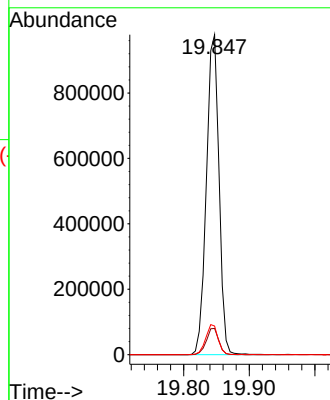
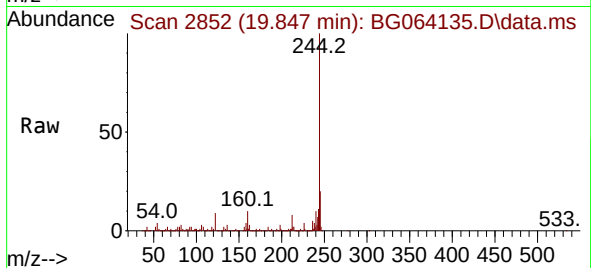
122 9.0 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#80

Butylbenzylphthalate

Concen: 61.422 ng

RT: 20.540 min Scan# 2970

Delta R.T. -0.004 min

Lab File: BG064135.D

Acq: 1 Apr 2025 15:03

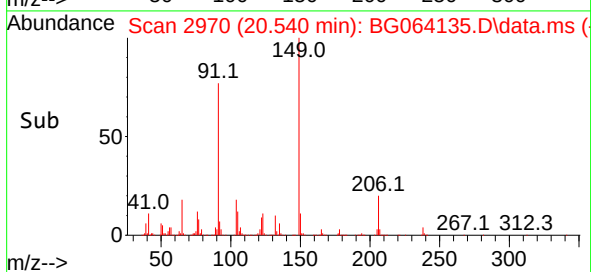
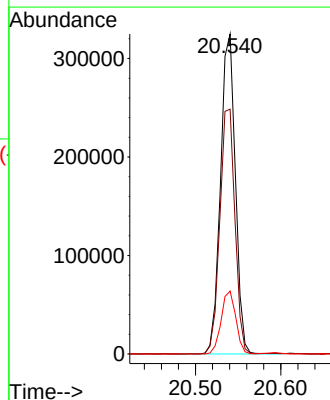
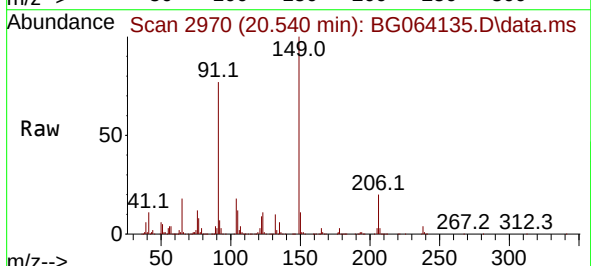
Tgt Ion:149 Resp: 393024

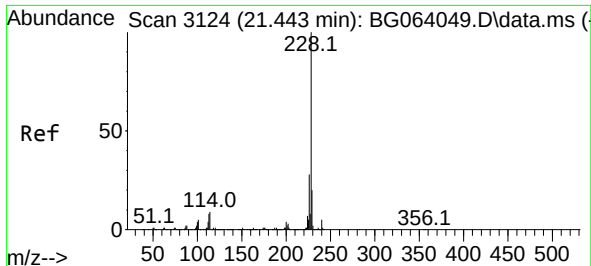
Ion Ratio Lower Upper

149 100

91 76.5 62.0 93.0

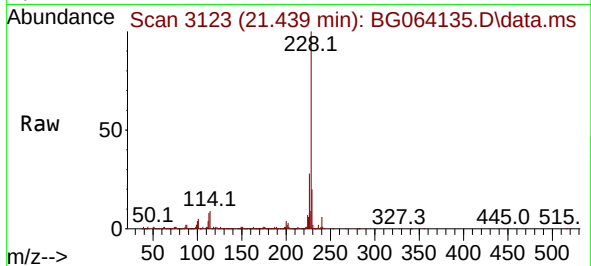
206 19.6 14.6 21.8





#81
Benzo(a)anthracene
Concen: 57.198 ng
RT: 21.439 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

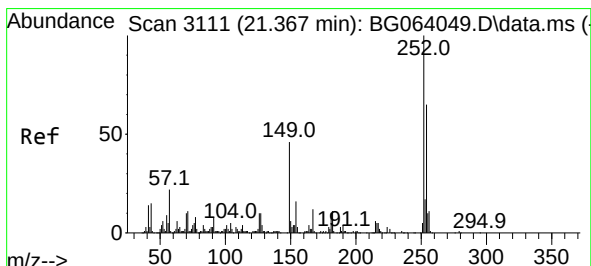
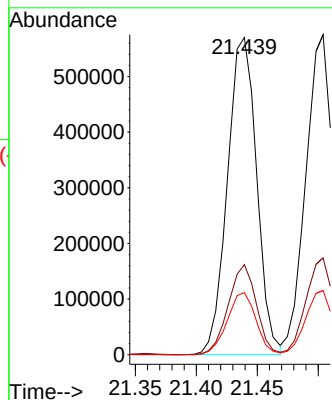
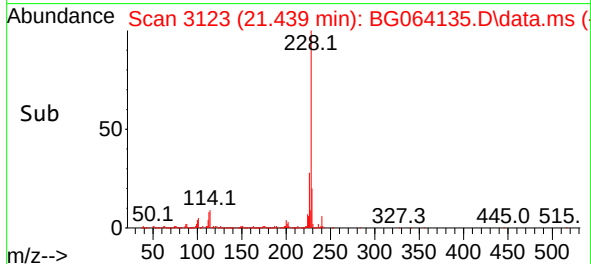
Instrument : BNA_G
ClientSampleId : P001-BBDGA-001-01-05MS



Tgt Ion:228 Resp: 952154
Ion Ratio Lower Upper
228 100
226 28.4 22.2 33.2
229 19.6 16.4 24.6

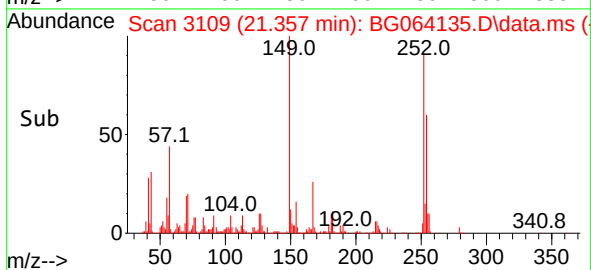
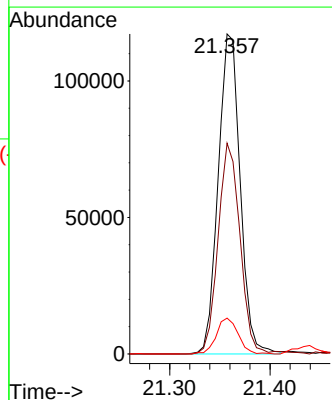
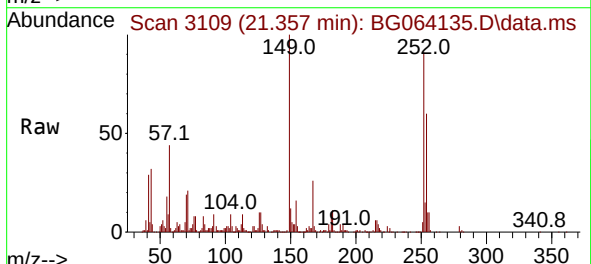
Manual Integrations
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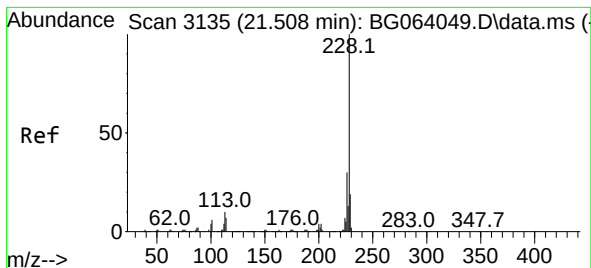
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#82
3,3'-Dichlorobenzidine
Concen: 33.046 ng
RT: 21.357 min Scan# 3109
Delta R.T. -0.009 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

Tgt Ion:252 Resp: 178034
Ion Ratio Lower Upper
252 100
254 65.9 52.1 78.1
126 11.2 7.8 11.8





#83

Chrysene

Concen: 54.755 ng

RT: 21.504 min Scan# 3111

Delta R.T. -0.003 min

Lab File: BG064135.D

Acq: 1 Apr 2025 15:03

Instrument :

BNA_G

ClientSampleId :

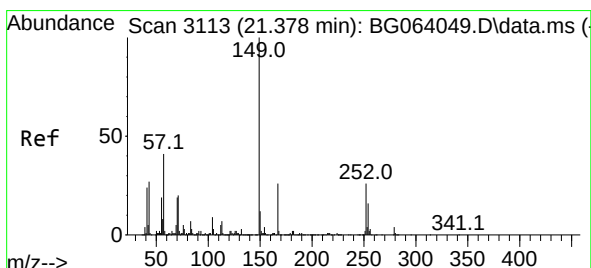
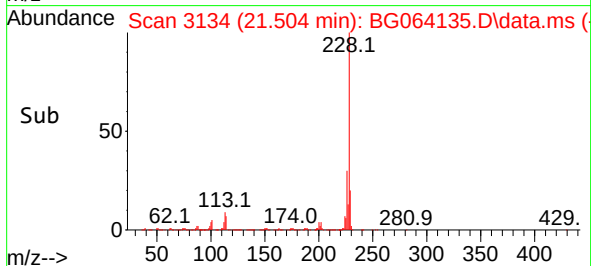
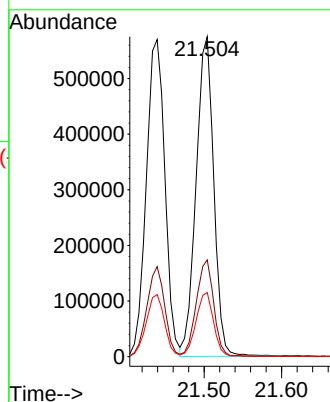
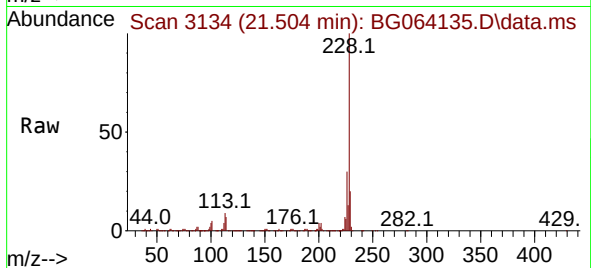
P001-BBDGA-001-01-05MS

Tgt Ion:228 Resp: 909090
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.9 35.9
 229 20.0 15.3 22.9

Manual Integrations

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.277 ng

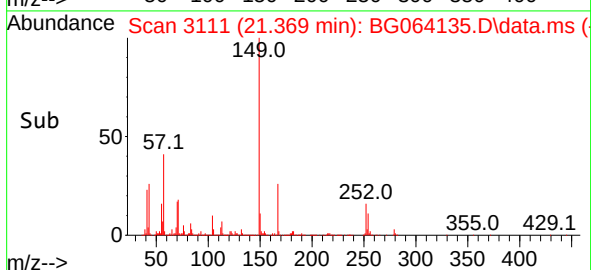
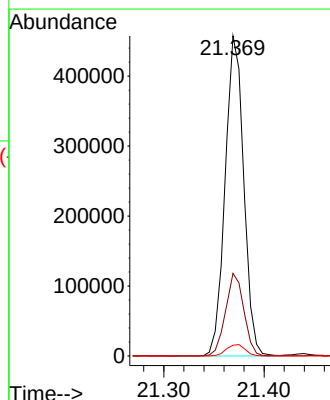
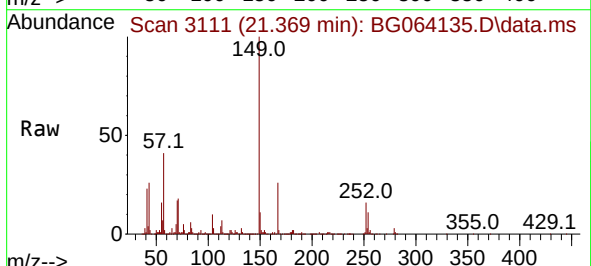
RT: 21.369 min Scan# 3111

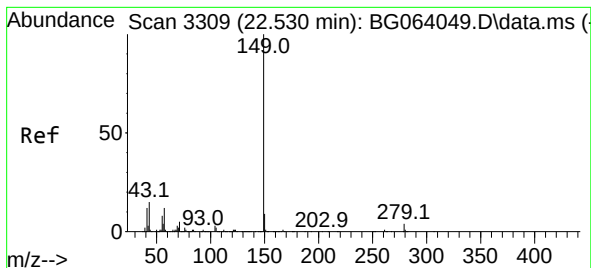
Delta R.T. -0.009 min

Lab File: BG064135.D

Acq: 1 Apr 2025 15:03

Tgt Ion:149 Resp: 587683
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.0 31.6
 279 3.4 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 64.835 ng

RT: 22.515 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG064135.D

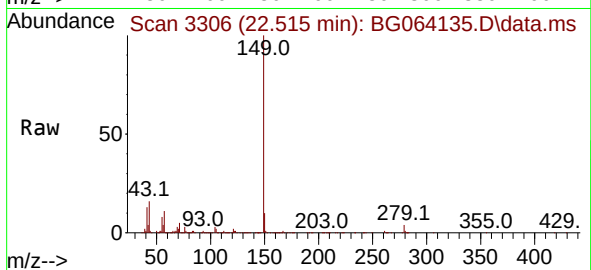
Acq: 1 Apr 2025 15:03

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-001-01-05MS



Tgt Ion:149 Resp: 100679

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

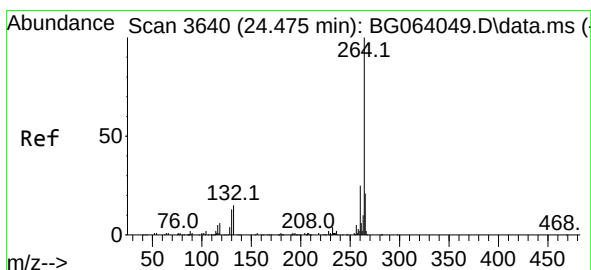
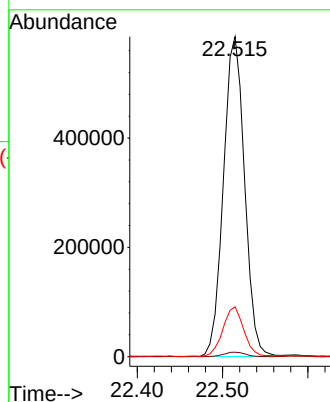
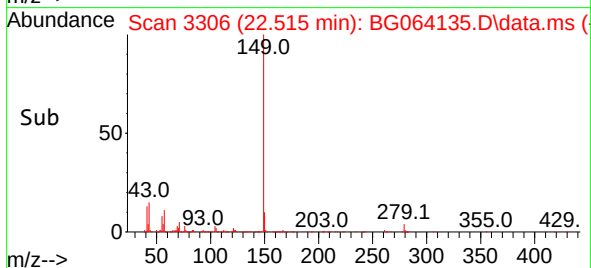
43 15.3 12.6 19.0

Manual Integrations

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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: 24.465 min Scan# 3638

Delta R.T. -0.009 min

Lab File: BG064135.D

Acq: 1 Apr 2025 15:03

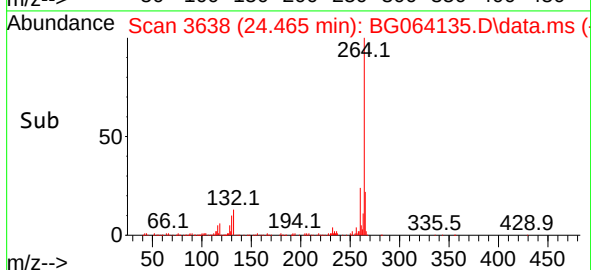
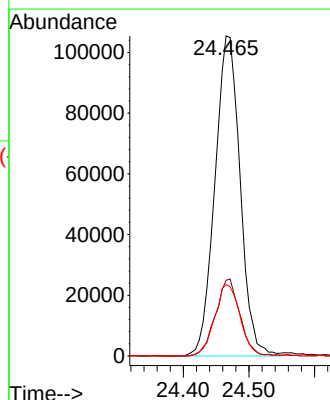
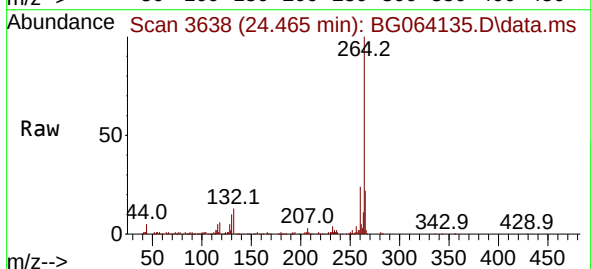
Tgt Ion:264 Resp: 281028

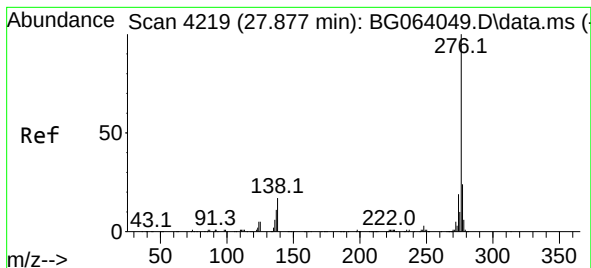
Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 22.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.723 ng

RT: 27.867 min Scan# 41

Delta R.T. -0.009 min

Lab File: BG064135.D

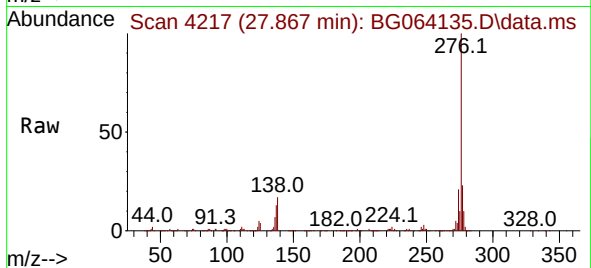
Acq: 1 Apr 2025 15:03

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-001-01-05MS



Tgt Ion:276 Resp: 112297

Ion Ratio Lower Upper

276 100

138 14.7 12.1 18.1

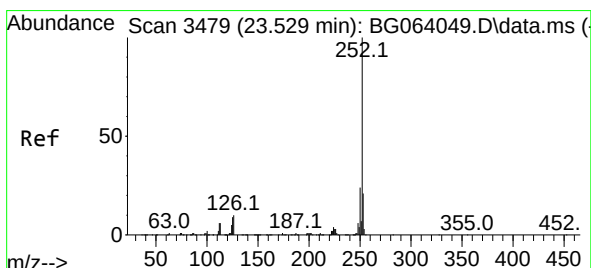
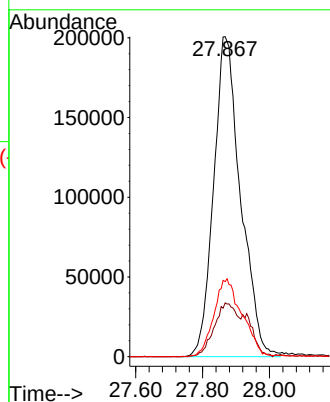
277 25.5 20.0 30.0

Manual Integrations

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Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#88

Benzo(b)fluoranthene

Concen: 56.024 ng

RT: 23.525 min Scan# 3478

Delta R.T. -0.003 min

Lab File: BG064135.D

Acq: 1 Apr 2025 15:03

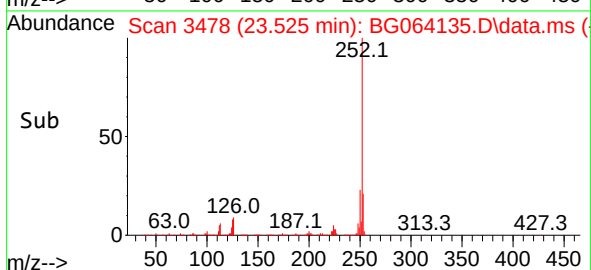
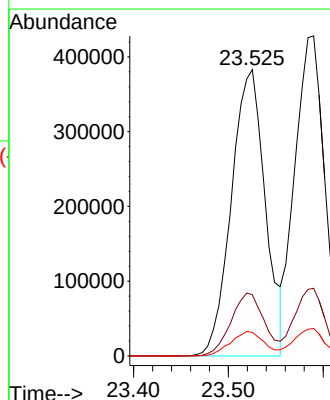
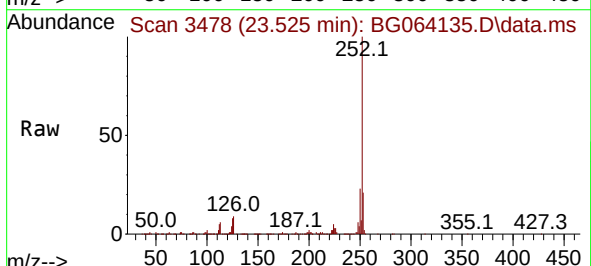
Tgt Ion:252 Resp: 951807

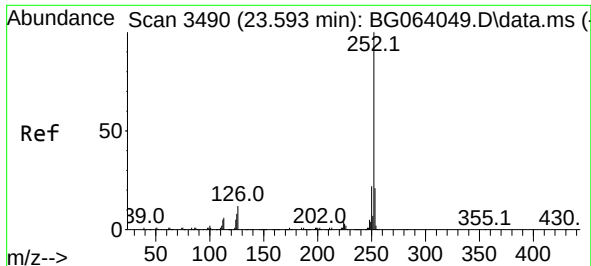
Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.4

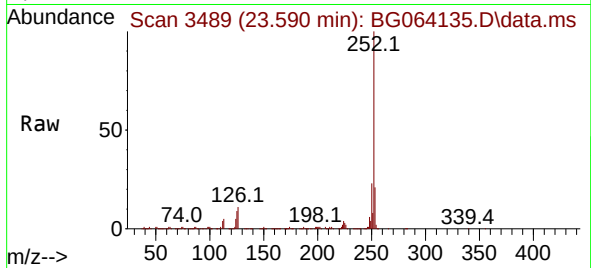
125 8.3 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 55.411 ng
RT: 23.590 min Scan# 3490
Delta R.T. -0.003 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

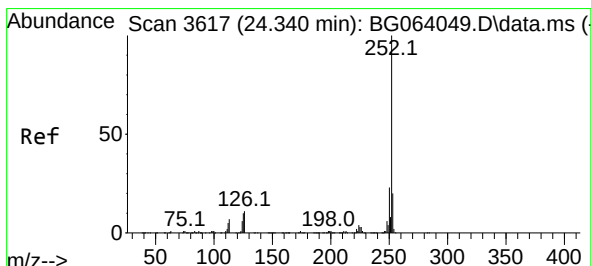
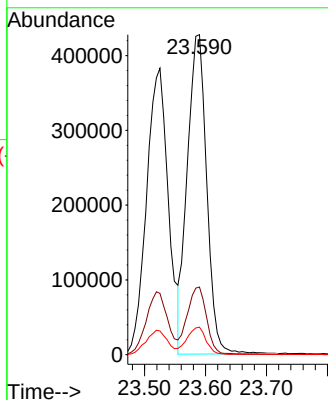
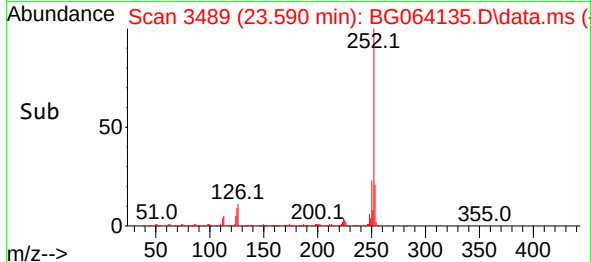
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



Tgt Ion:252 Resp: 944410
Ion Ratio Lower Upper
252 100
253 21.1 16.8 25.2
125 8.6 6.9 10.3

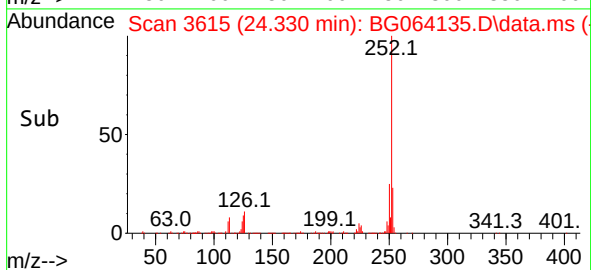
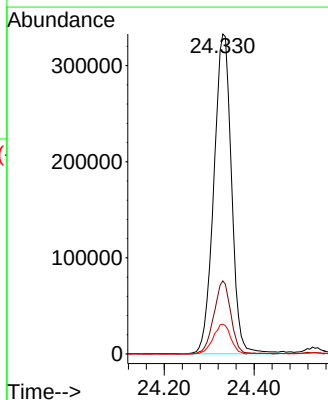
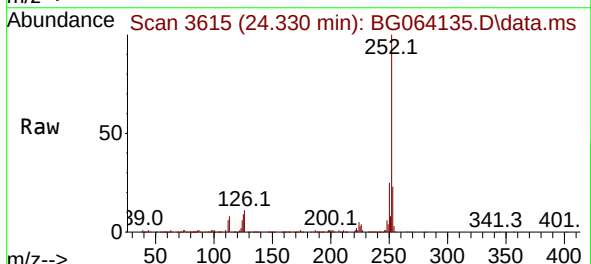
Manual Integrations
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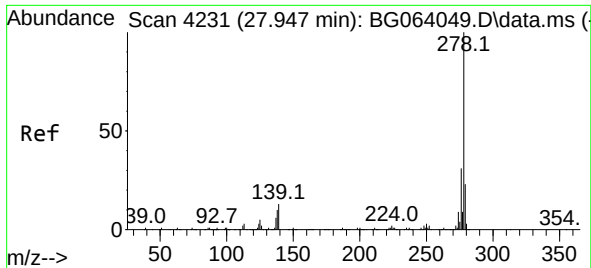
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#90
Benzo(a)pyrene
Concen: 60.023 ng
RT: 24.330 min Scan# 3615
Delta R.T. -0.009 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

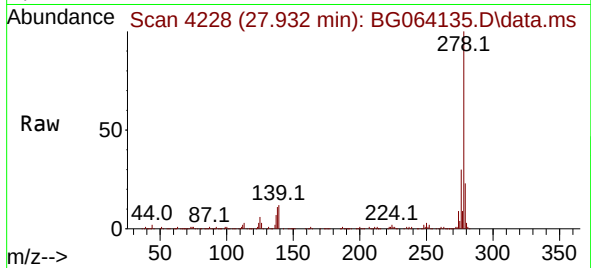
Tgt Ion:252 Resp: 908180
Ion Ratio Lower Upper
252 100
253 22.9 16.2 24.2
125 9.3 7.8 11.6





#91
Dibenzo(a,h)anthracene
Concen: 59.974 ng
RT: 27.932 min Scan# 41
Delta R.T. -0.015 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03

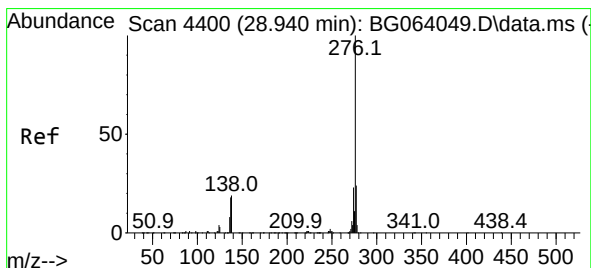
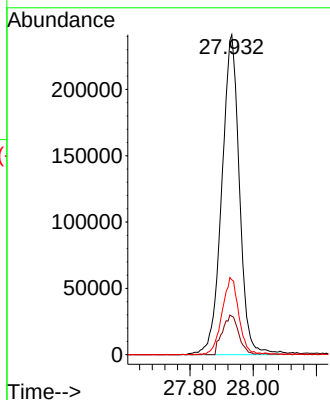
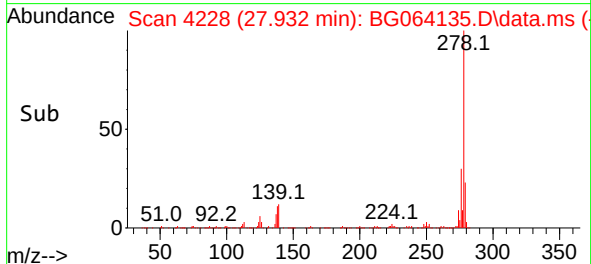
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01-05MS



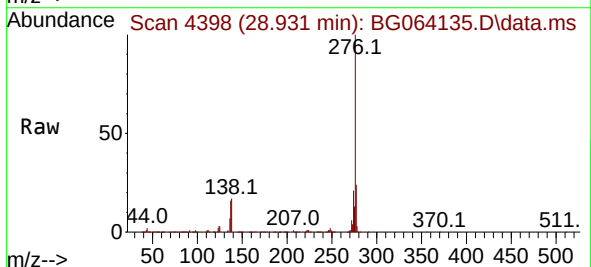
Tgt Ion:278 Resp: 934889
Ion Ratio Lower Upper
278 100
139 12.0 10.2 15.2
279 23.4 18.1 27.1

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: 56.698 ng
RT: 28.931 min Scan# 4398
Delta R.T. -0.009 min
Lab File: BG064135.D
Acq: 1 Apr 2025 15:03



Tgt Ion:276 Resp: 907435
Ion Ratio Lower Upper
276 100
277 23.6 19.5 29.3
138 17.1 15.4 23.0

