

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064098.D
 Acq On : 11 Mar 2025 16:37
 Operator : RC/JU
 Sample : Q1534-13MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-363-COMP-18MS

Quant Time: Mar 11 17:13:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	39845	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	183726	20.000	ng	0.00
39) Acenaphthene-d10	14.489	164	118666	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	249194	20.000	ng	0.00
76) Chrysene-d12	21.463	240	242542	20.000	ng	0.00
86) Perylene-d12	24.477	264	260777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	285984	112.071	ng	0.00
7) Phenol-d6	7.033	99	380718	109.671	ng	0.00
23) Nitrobenzene-d5	9.019	82	255956	76.988	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	157584	119.467	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	517690	66.219	ng	0.00
79) Terphenyl-d14	19.847	244	757783	63.174	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.378	88	45021	38.929	ng	97
3) Pyridine	3.760	79	105734	37.593	ng	97
4) n-Nitrosodimethylamine	3.678	42	94798	47.175	ng	97
6) Aniline	7.198	93	66082	19.399	ng	97
8) 2-Chlorophenol	7.433	128	127098	46.375	ng	97
9) Benzaldehyde	7.004	77	42548	21.074	ng	94
10) Phenol	7.062	94	169179	47.600	ng	97
11) bis(2-Chloroethyl)ether	7.292	93	115981	41.623	ng	98
12) 1,3-Dichlorobenzene	7.756	146	131430	43.670	ng	98
13) 1,4-Dichlorobenzene	7.903	146	135766	44.011	ng	99
14) 1,2-Dichlorobenzene	8.214	146	130793	43.970	ng	99
15) Benzyl Alcohol	8.102	79	128603	47.940	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.384	45	269588	43.027	ng	98
17) 2-Methylphenol	8.302	107	110524	46.854	ng	94
18) Hexachloroethane	8.943	117	52694	48.822	ng	97
19) n-Nitroso-di-n-propyla...	8.672	70	102083	41.901	ng	98
20) 3+4-Methylphenols	8.631	107	151707	46.715	ng	94
22) Acetophenone	8.678	105	227892	45.240	ng	97
24) Nitrobenzene	9.060	77	151309	44.038	ng	94
25) Isophorone	9.583	82	281524	42.306	ng	# 96
26) 2-Nitrophenol	9.765	139	63044	52.038	ng	95
27) 2,4-Dimethylphenol	9.830	122	114675	57.484	ng	94
28) bis(2-Chloroethoxy)met...	10.065	93	164171	40.693	ng	98
29) 2,4-Dichlorophenol	10.300	162	118050	46.864	ng	98
30) 1,2,4-Trichlorobenzene	10.517	180	127860	42.047	ng	98
31) Naphthalene	10.705	128	410137	41.399	ng	100
32) Benzoic acid	9.988	122	97852m	52.436	ng	
33) 4-Chloroaniline	10.805	127	34739	9.594	ng	97
34) Hexachlorobutadiene	10.993	225	86900	43.599	ng	98
35) Caprolactam	11.569	113	45256m	46.882	ng	
36) 4-Chloro-3-methylphenol	11.933	107	145232	43.984	ng	99
37) 2-Methylnaphthalene	12.309	142	279906	40.021	ng	97
38) 1-Methylnaphthalene	12.532	142	274835	40.110	ng	98
40) 1,2,4,5-Tetrachloroben...	12.679	216	168077	49.612	ng	97
41) Hexachlorocyclopentadiene	12.668	237	163761	171.745	ng	99
43) 2,4,6-Trichlorophenol	12.920	196	103543	51.858	ng	91

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.991	196	110146	49.647	ng	99
46) 1,1'-Biphenyl	13.326	154	431842	48.168	ng	97
47) 2-Chloronaphthalene	13.361	162	291566	44.591	ng	100
48) 2-Nitroaniline	13.561	65	106338	48.811	ng	96
49) Acenaphthylene	14.207	152	474277	45.858	ng	99
50) Dimethylphthalate	13.948	163	363785	41.530	ng	99
51) 2,6-Dinitrotoluene	14.060	165	76233	43.254	ng	92
52) Acenaphthene	14.554	154	300415	43.282	ng	96
53) 3-Nitroaniline	14.389	138	44363	26.204	ng	90
54) 2,4-Dinitrophenol	14.595	184	82170	107.857	ng	# 76
55) Dibenzofuran	14.889	168	463967	41.263	ng	98
56) 4-Nitrophenol	14.700	139	142842	100.603	ng	90
57) 2,4-Dinitrotoluene	14.847	165	111371	45.616	ng	# 99
58) Fluorene	15.535	166	363977	41.561	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.112	232	102978	47.611	ng	95
60) Diethylphthalate	15.317	149	385583	40.547	ng	98
61) 4-Chlorophenyl-phenyle...	15.535	204	180512	41.478	ng	91
62) 4-Nitroaniline	15.552	138	77859	42.597	ng	93
63) Azobenzene	15.823	77	445483	43.901	ng	96
65) 4,6-Dinitro-2-methylph...	15.611	198	58100	52.952	ng	97
66) n-Nitrosodiphenylamine	15.746	169	322530	45.725	ng	98
67) 4-Bromophenyl-phenylether	16.422	248	120325	47.145	ng	94
68) Hexachlorobenzene	16.540	284	130938	45.826	ng	97
69) Atrazine	16.698	200	138383	66.677	ng	94
70) Pentachlorophenol	16.880	266	175660	99.015	ng	95
71) Phenanthrene	17.274	178	640715	48.205	ng	98
72) Anthracene	17.362	178	610401	46.185	ng	98
73) Carbazole	17.626	167	536935	43.513	ng	98
74) Di-n-butylphthalate	18.202	149	653082	44.962	ng	100
75) Fluoranthene	19.283	202	832343	51.944	ng	98
77) Benzidine	19.465	184	161612	48.120	ng	99
78) Pyrene	19.642	202	817498	52.287	ng	99
80) Butylbenzylphthalate	20.547	149	290140	49.344	ng	99
81) Benzo(a)anthracene	21.446	228	770111	49.568	ng	99
82) 3,3'-Dichlorobenzidine	21.363	252	110418	21.960	ng	# 96
83) Chrysene	21.504	228	731207	47.188	ng	98
84) Bis(2-ethylhexyl)phtha...	21.375	149	429038	51.061	ng	99
85) Di-n-octyl phthalate	22.527	149	731972	50.505	ng	100
87) Indeno(1,2,3-cd)pyrene	27.879	276	880561	50.468	ng	# 95
88) Benzo(b)fluoranthene	23.531	252	785611	49.833	ng	99
89) Benzo(k)fluoranthene	23.596	252	747994	47.295	ng	98
90) Benzo(a)pyrene	24.342	252	725778	51.693	ng	95
91) Dibenzo(a,h)anthracene	27.950	278	677632	46.846	ng	99
92) Benzo(g,h,i)perylene	28.948	276	694719	46.778	ng	96

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

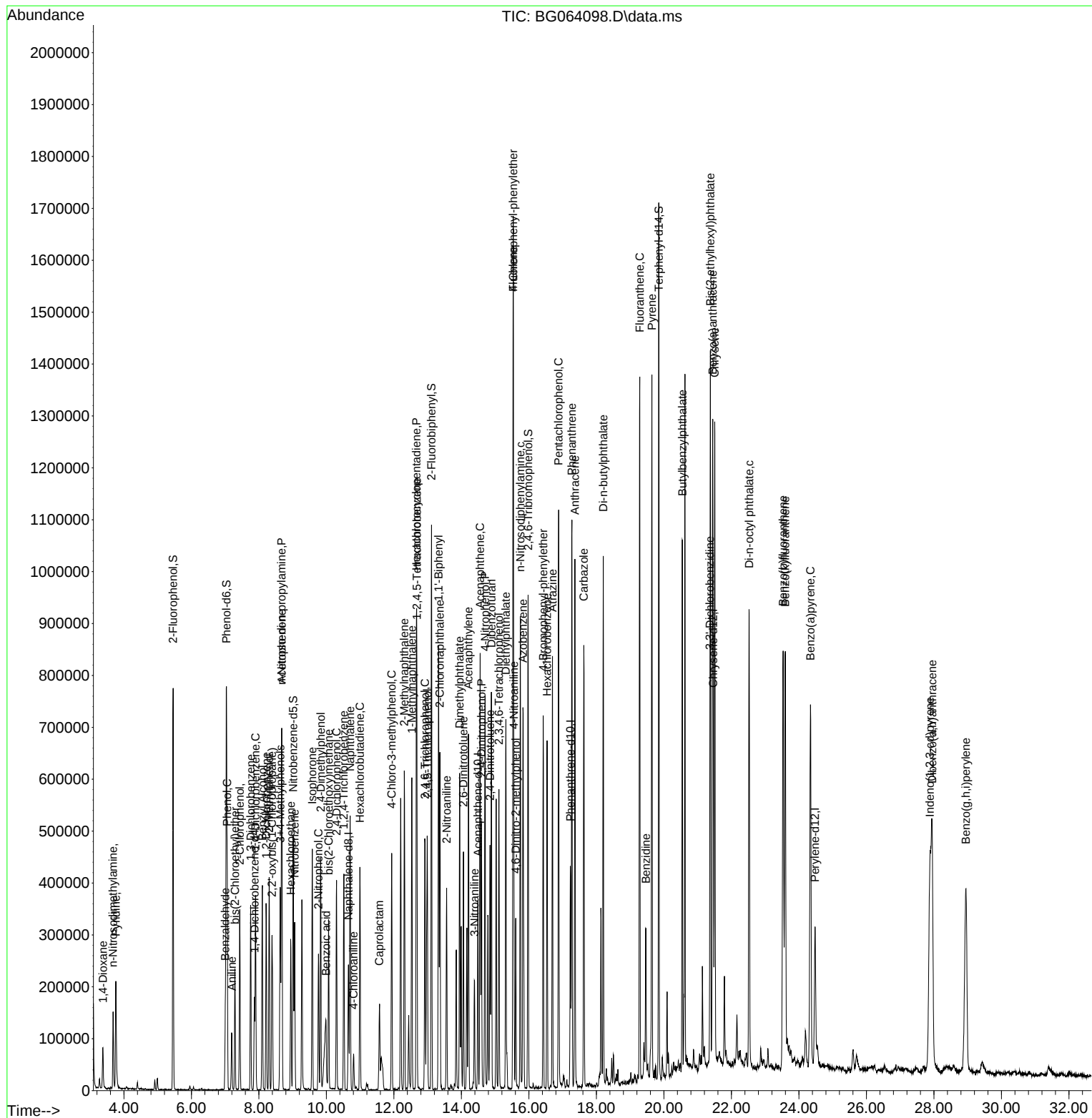
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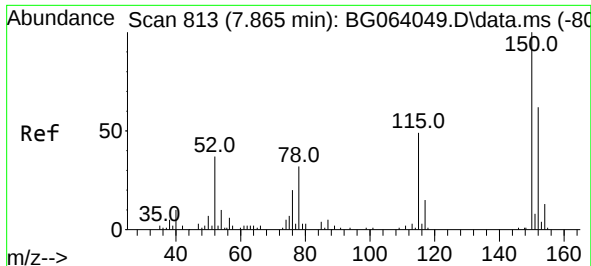
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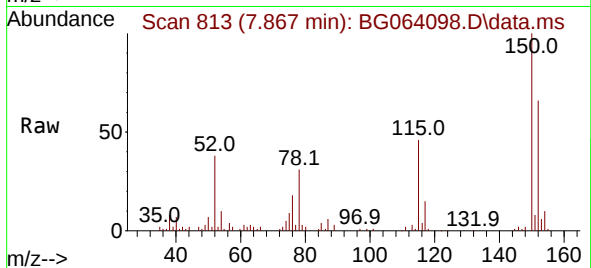
Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.867 min Scan# 813
Delta R.T. 0.002 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

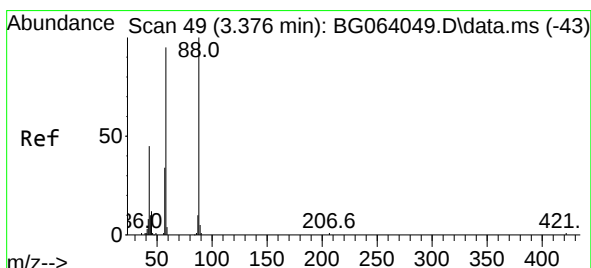
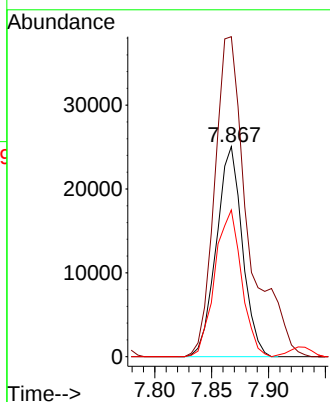
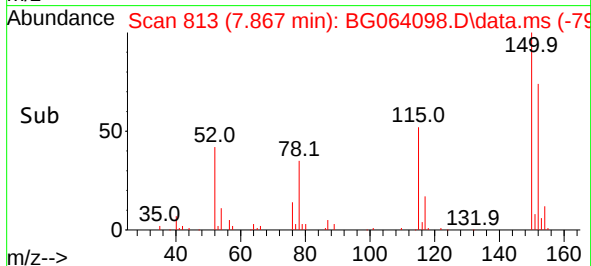
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:152 Resp: 3984
Ion Ratio Lower Upper
152 100
150 152.3 129.2 193.8
115 69.8 63.0 94.6

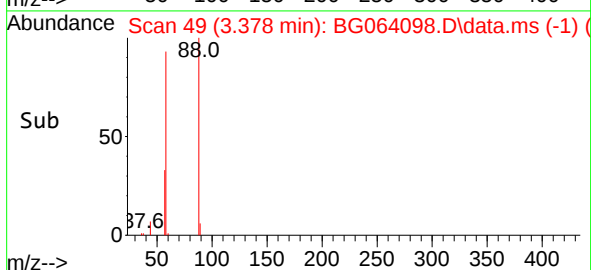
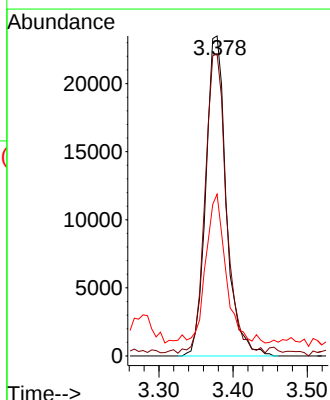
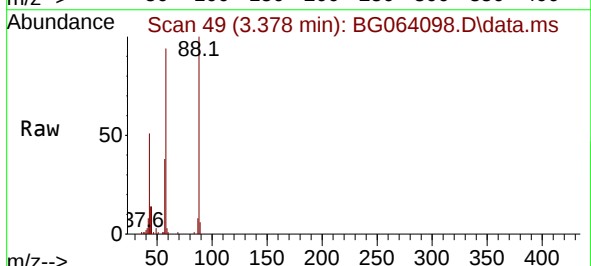
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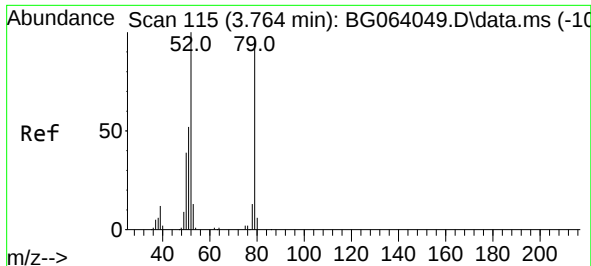
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#2
1,4-Dioxane
Concen: 38.929 ng
RT: 3.378 min Scan# 49
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

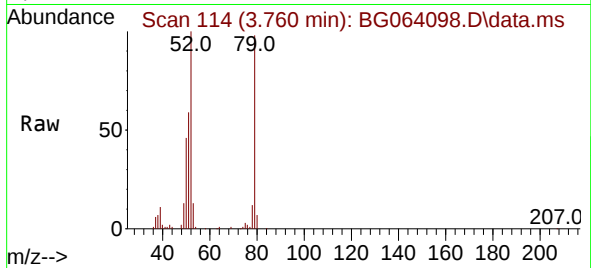
Tgt Ion: 88 Resp: 45021
Ion Ratio Lower Upper
88 100
58 96.7 74.6 111.8
43 45.6 35.5 53.3





#3
Pyridine
Concen: 37.593 ng
RT: 3.760 min Scan# 115
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

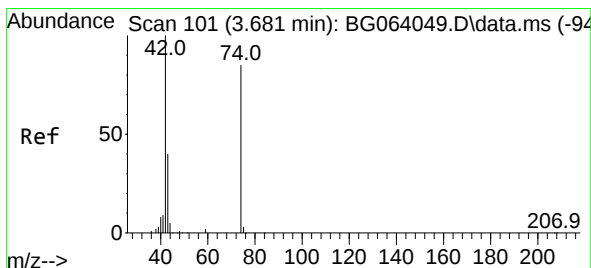
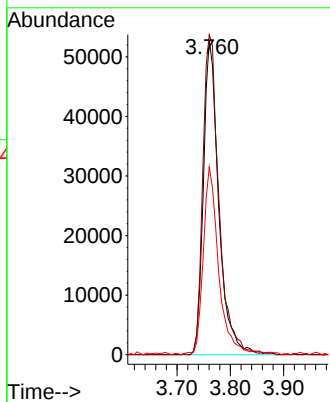
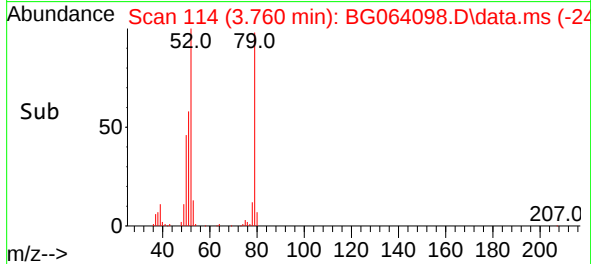
Instrument :
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ClientSampleId :
OR-363-COMP-18MS



Tgt Ion: 79 Resp: 105734
Ion Ratio Lower Upper
79 100
52 101.8 83.0 124.6
51 59.6 44.3 66.5

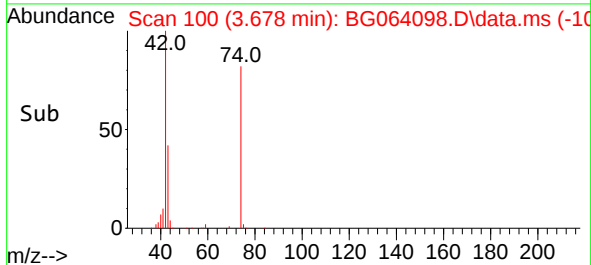
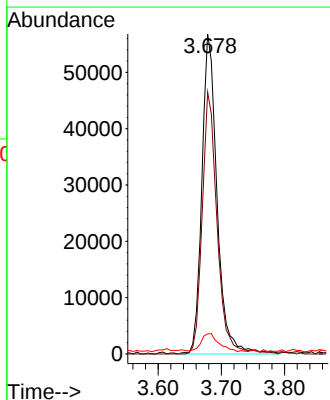
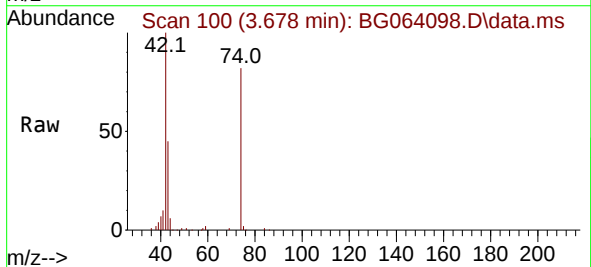
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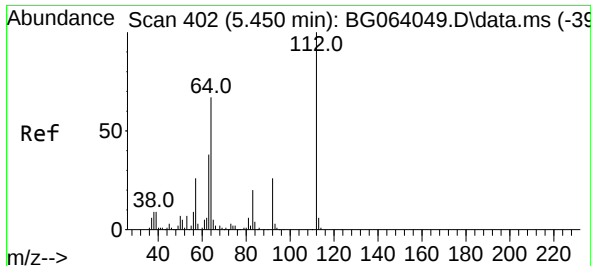
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#4
n-Nitrosodimethylamine
Concen: 47.175 ng
RT: 3.678 min Scan# 100
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

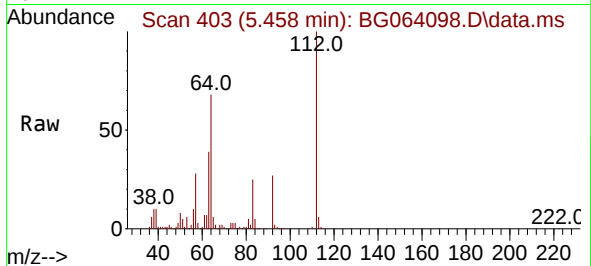
Tgt Ion: 42 Resp: 94798
Ion Ratio Lower Upper
42 100
74 81.8 68.0 102.0
44 6.2 4.9 7.3





#5
2-Fluorophenol
Concen: 112.071 ng
RT: 5.458 min Scan# 402
Delta R.T. 0.008 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

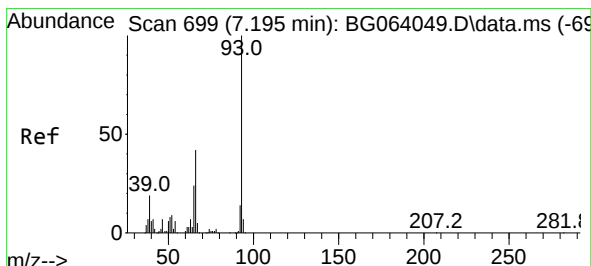
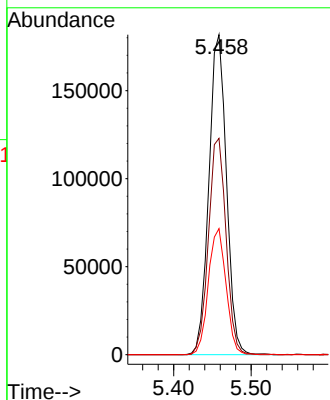
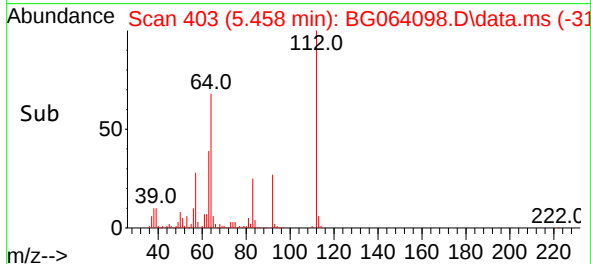
Instrument :
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Tgt Ion:112 Resp: 285984
Ion Ratio Lower Upper
112 100
64 67.6 53.7 80.5
63 39.4 30.2 45.4

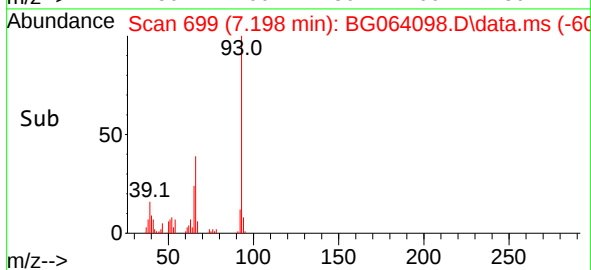
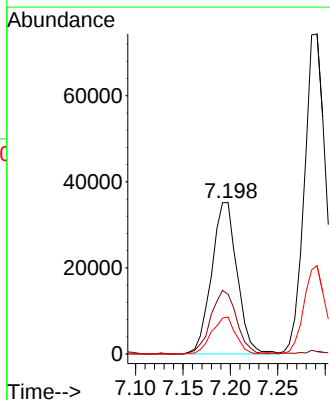
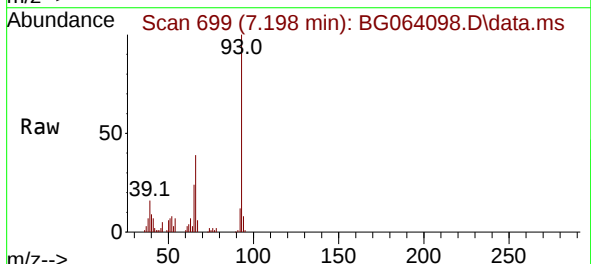
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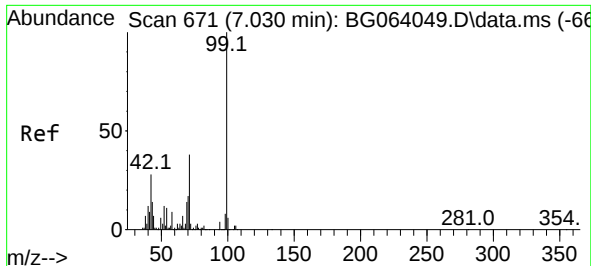
Reviewed By :Anahy Claudio 03/12/2025
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#6
Aniline
Concen: 19.399 ng
RT: 7.198 min Scan# 699
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

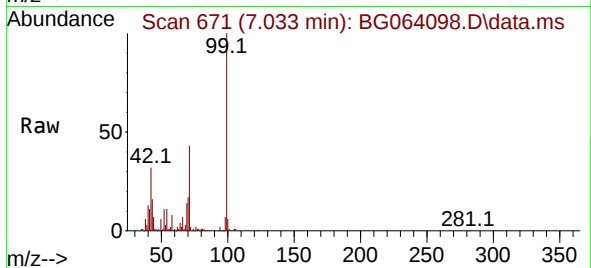
Tgt Ion: 93 Resp: 66082
Ion Ratio Lower Upper
93 100
66 39.5 33.7 50.5
65 24.4 19.1 28.7





#7
Phenol-d6
Concen: 109.671 ng
RT: 7.033 min Scan# 671
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

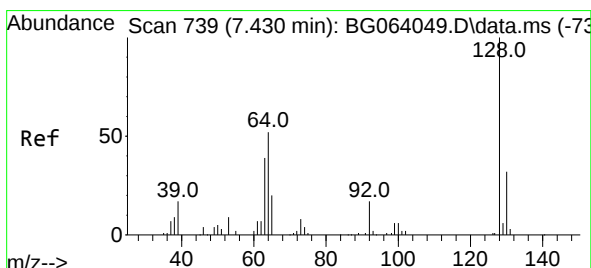
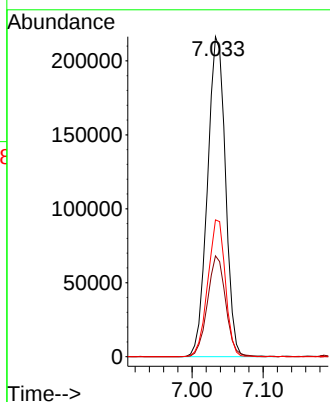
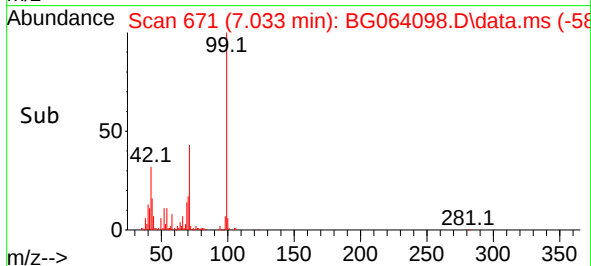
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Tgt Ion: 99 Resp: 380718
Ion Ratio Lower Upper
99 100
42 31.5 22.7 34.1
71 42.7 30.6 46.0

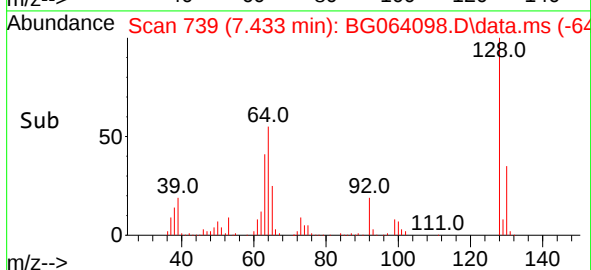
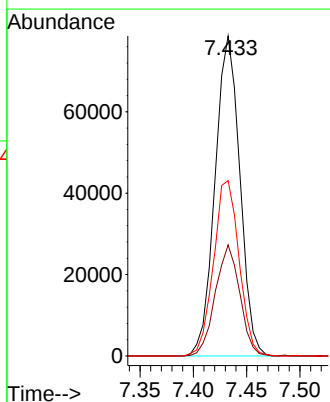
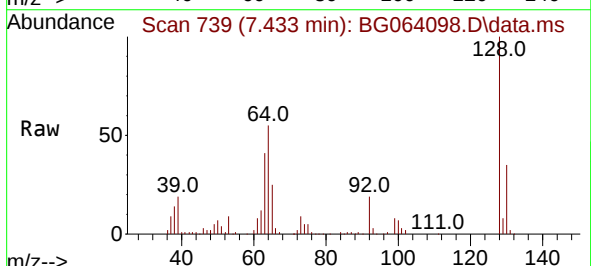
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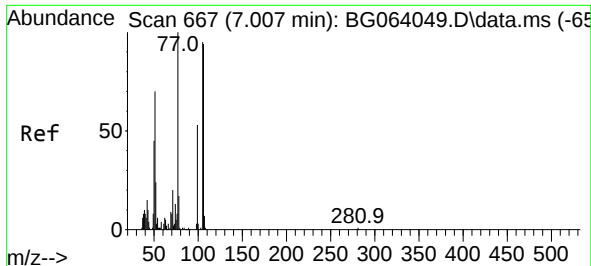
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#8
2-Chlorophenol
Concen: 46.375 ng
RT: 7.433 min Scan# 739
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

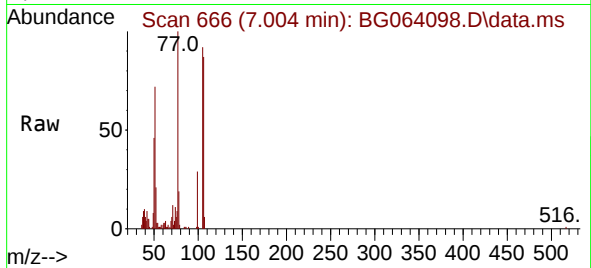
Tgt Ion:128 Resp: 127098
Ion Ratio Lower Upper
128 100
130 34.7 12.3 52.3
64 54.8 37.0 77.0





#9
Benzaldehyde
Concen: 21.074 ng
RT: 7.004 min Scan# 604
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

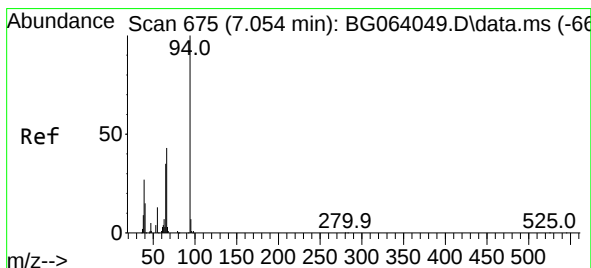
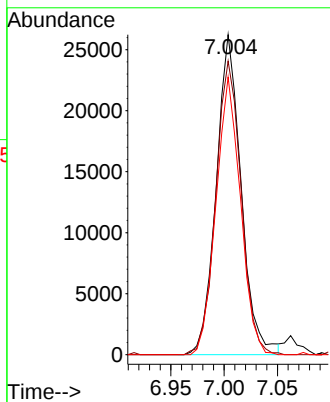
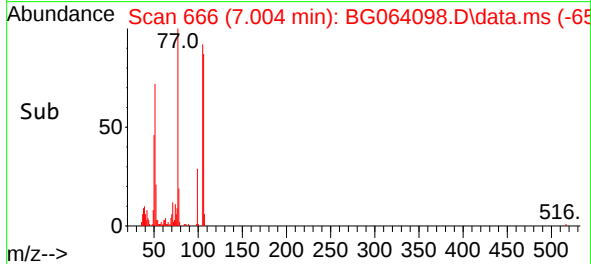
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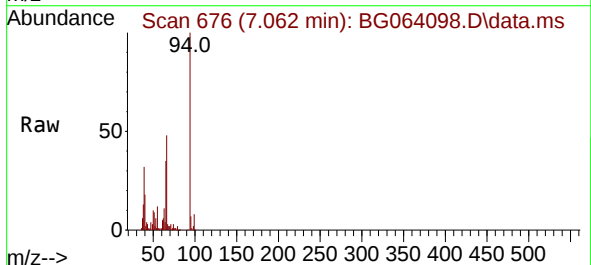
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Ion Ratio Lower Upper
77 100
105 91.8 75.5 115.5
106 86.7 74.2 114.2

Manual Integrations
APPROVED

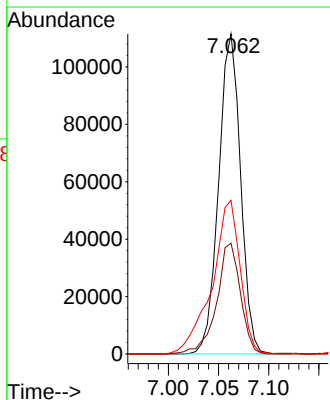
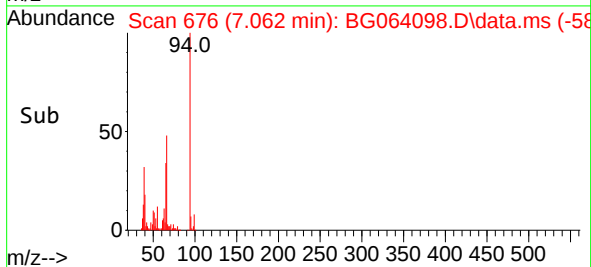
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

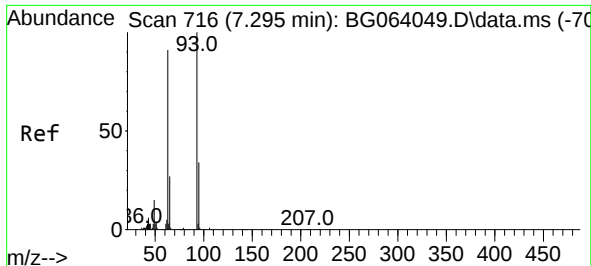


#10
Phenol
Concen: 47.600 ng
RT: 7.062 min Scan# 676
Delta R.T. 0.008 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37



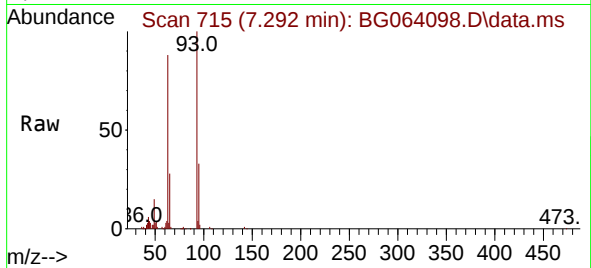
Tgt Ion: 94 Resp: 169179
Ion Ratio Lower Upper
94 100
65 34.6 15.2 55.2
66 48.0 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 41.623 ng
RT: 7.292 min Scan# 716
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

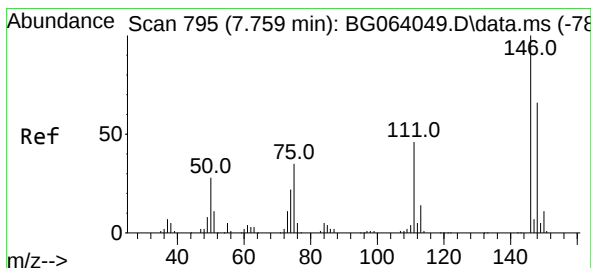
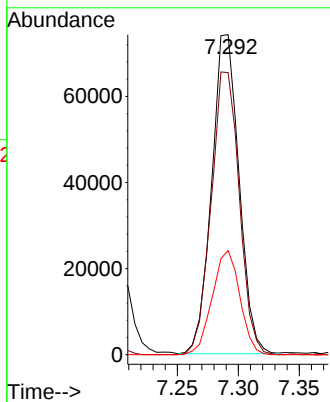
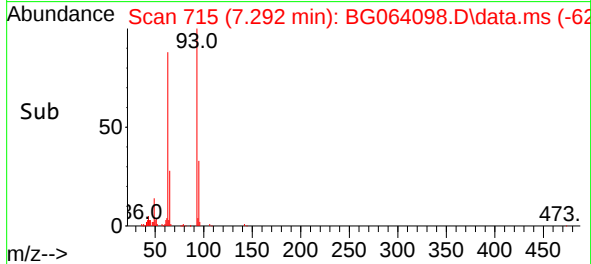
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion: 93 Resp: 11598
Ion Ratio Lower Upper
93 100
63 88.2 70.0 110.0
95 32.5 13.7 53.7

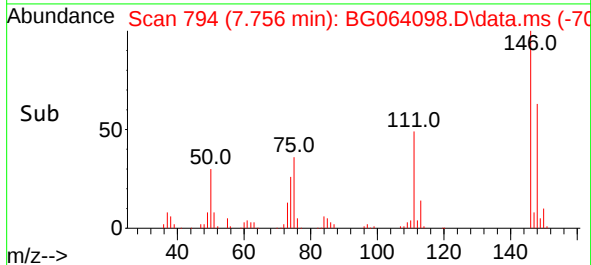
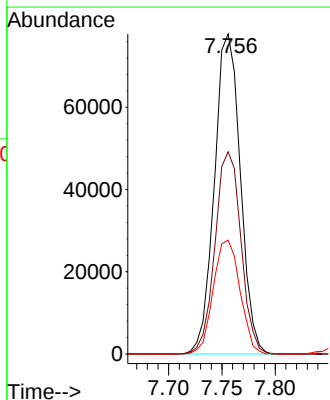
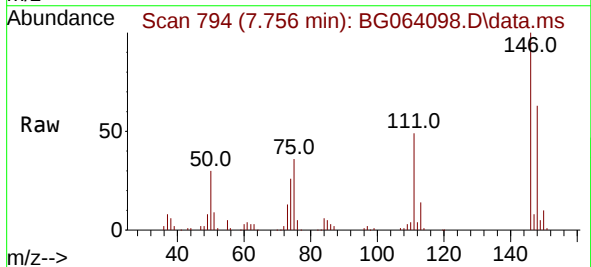
Manual Integrations
APPROVED

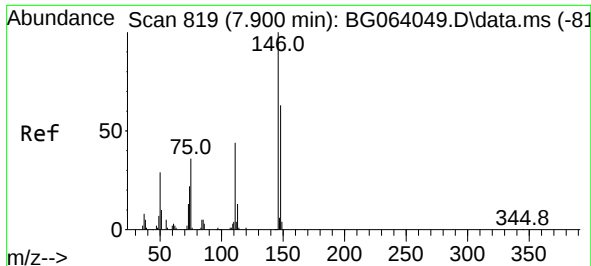
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#12
1,3-Dichlorobenzene
Concen: 43.670 ng
RT: 7.756 min Scan# 794
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

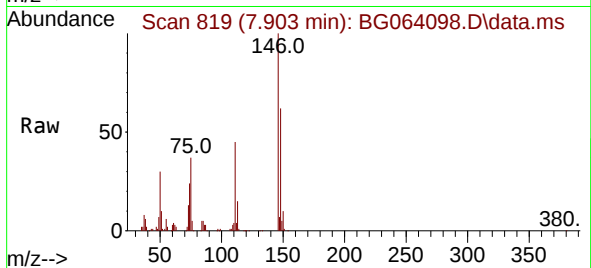
Tgt Ion:146 Resp: 131430
Ion Ratio Lower Upper
146 100
148 63.2 52.6 78.8
75 35.6 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 44.011 ng
RT: 7.903 min Scan# 819
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

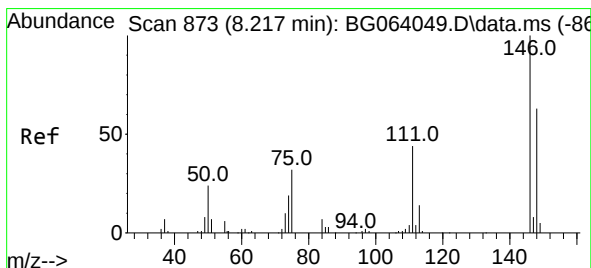
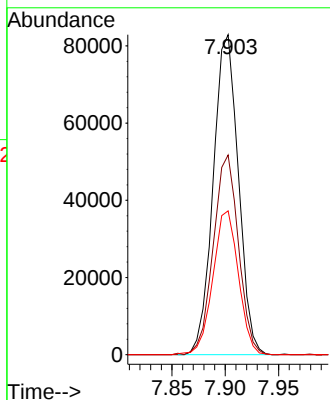
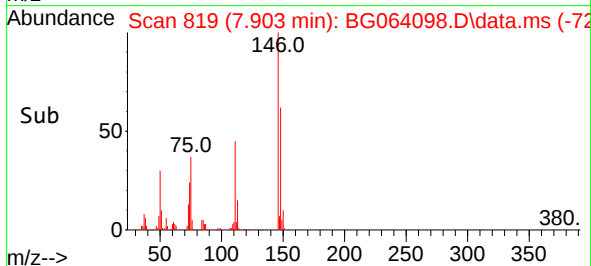
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



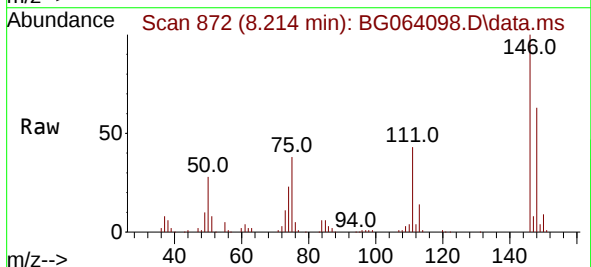
Tgt Ion:146 Resp: 135760
Ion Ratio Lower Upper
146 100
148 62.4 50.6 75.8
111 44.9 35.1 52.7

Manual Integrations
APPROVED

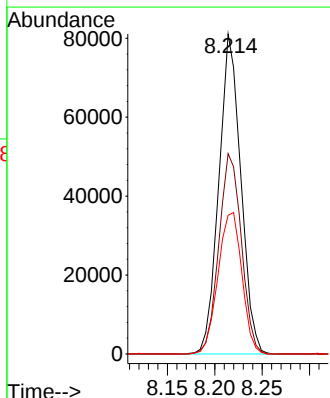
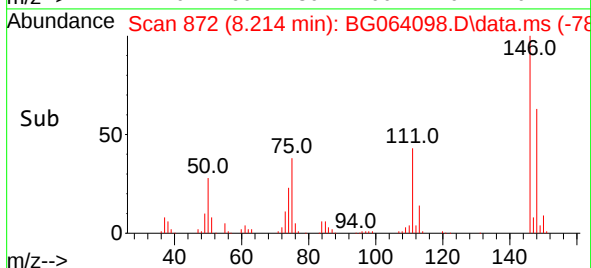
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

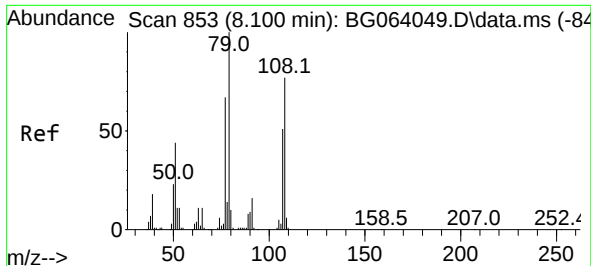


#14
1,2-Dichlorobenzene
Concen: 43.970 ng
RT: 8.214 min Scan# 872
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37



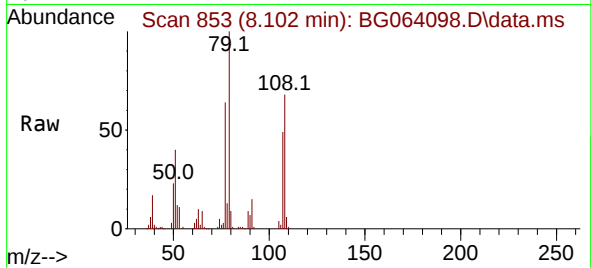
Tgt Ion:146 Resp: 130793
Ion Ratio Lower Upper
146 100
148 62.6 50.2 75.2
111 43.4 36.4 54.6





#15
Benzyl Alcohol
Concen: 47.940 ng
RT: 8.102 min Scan# 853
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

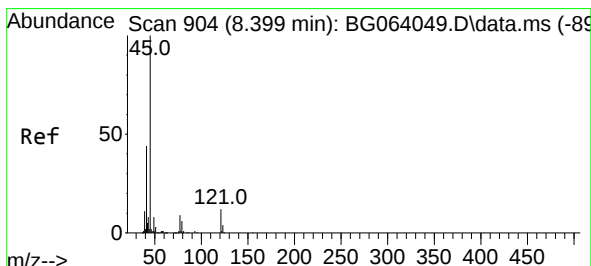
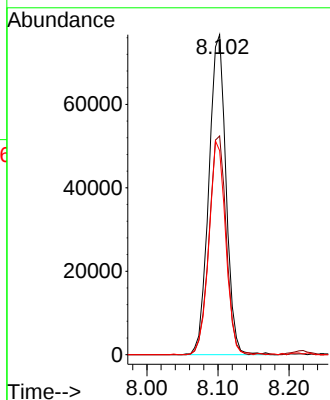
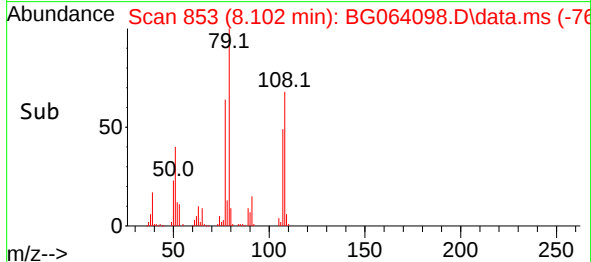
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion: 79 Resp: 12860
Ion Ratio Lower Upper
79 100
108 68.3 61.7 92.5
77 63.8 53.9 80.9

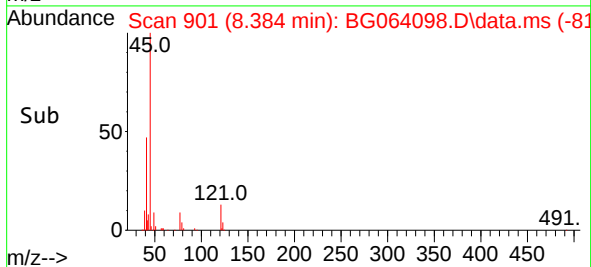
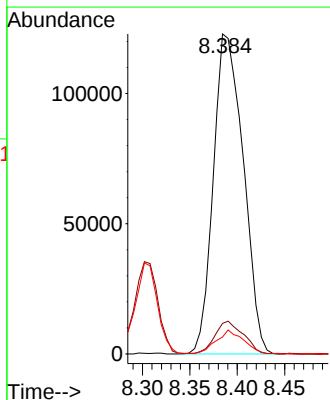
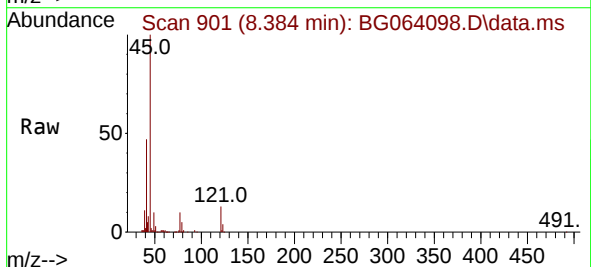
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.027 ng
RT: 8.384 min Scan# 901
Delta R.T. -0.015 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

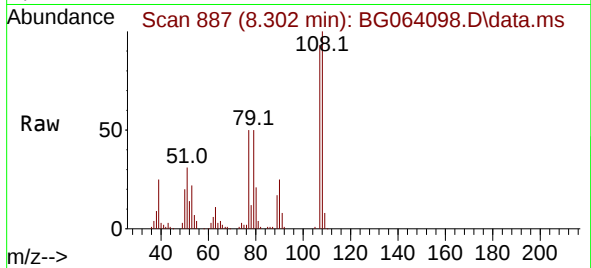
Tgt Ion: 45 Resp: 269588
Ion Ratio Lower Upper
45 100
77 9.5 0.0 29.0
79 5.3 0.0 26.6





#17
2-Methylphenol
Concen: 46.854 ng
RT: 8.302 min Scan# 887
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

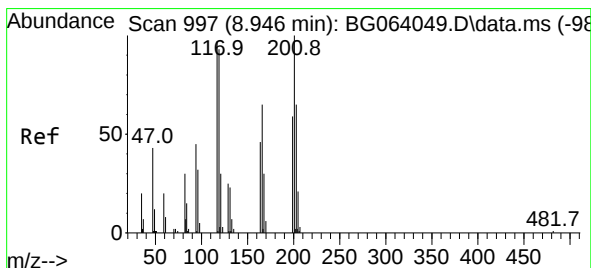
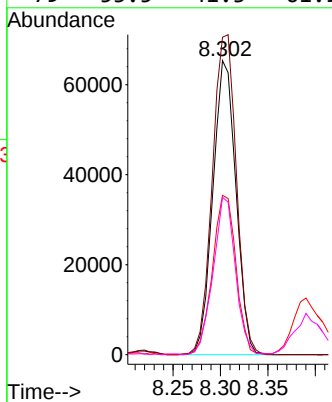
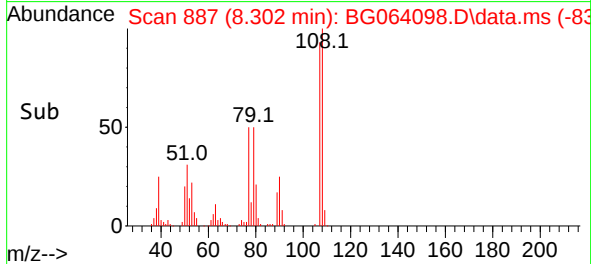
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.0	92.5	138.7
77	54.2	40.5	60.7
79	53.5	41.3	61.9

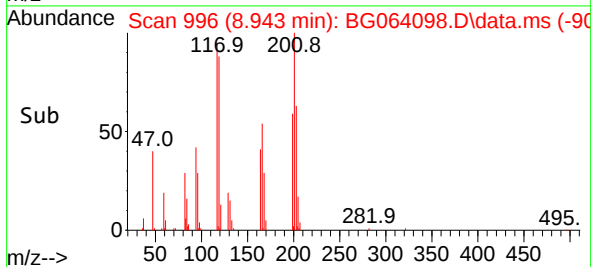
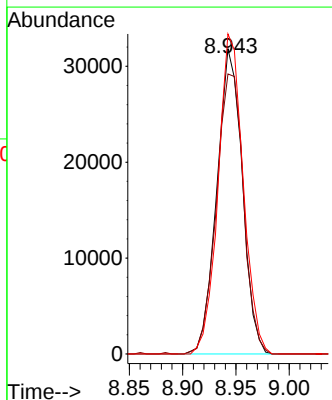
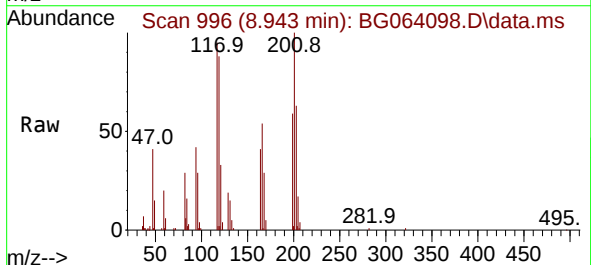
Manual Integrations
APPROVED

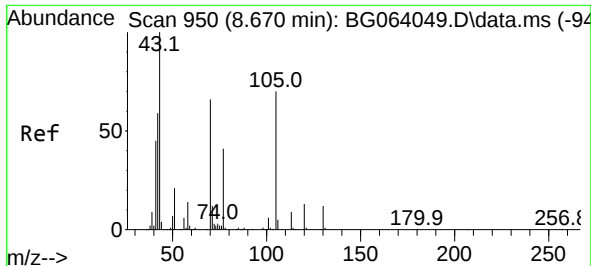
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#18
Hexachloroethane
Concen: 48.822 ng
RT: 8.943 min Scan# 996
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

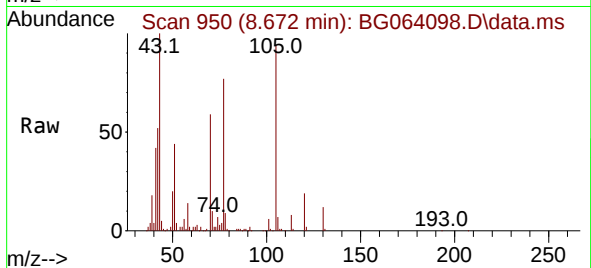
Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.8	76.2	114.2
201	104.9	81.5	122.3





#19
n-Nitroso-di-n-propylamine
Concen: 41.901 ng
RT: 8.672 min Scan# 910
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

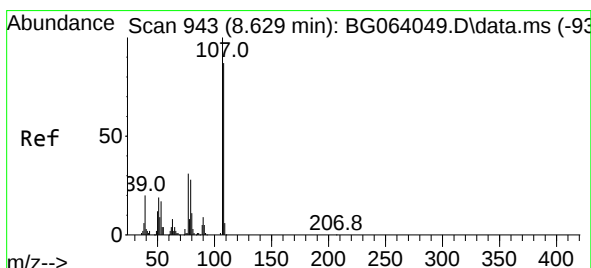
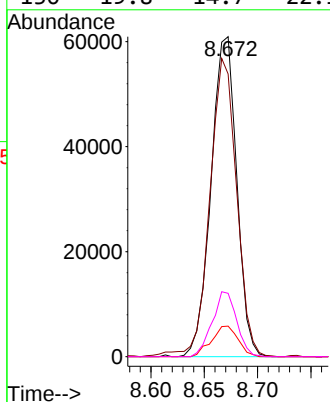
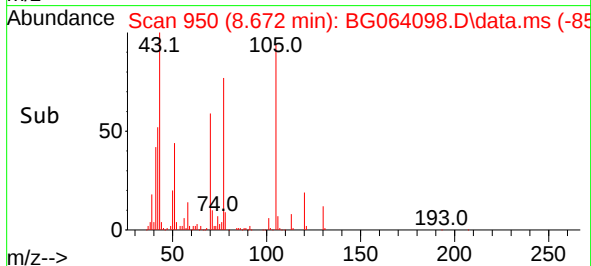
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion: 70 Resp: 10208
Ion Ratio Lower Upper
70 100
42 88.3 72.1 108.1
101 9.5 7.2 10.8
130 19.8 14.7 22.1

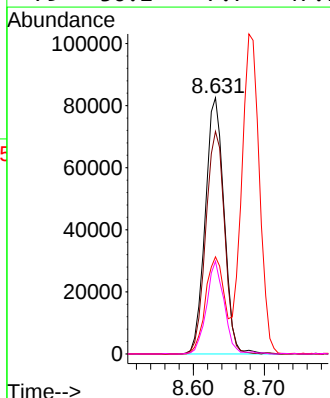
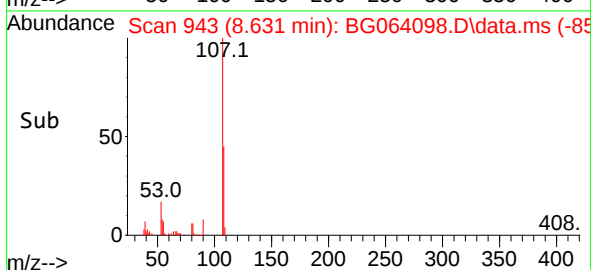
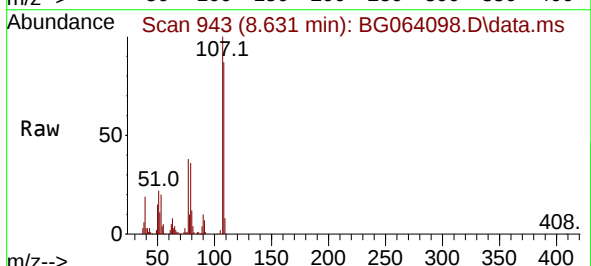
Manual Integrations
APPROVED

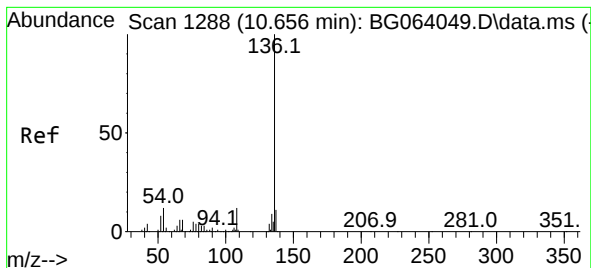
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#20
3+4-Methylphenols
Concen: 46.715 ng
RT: 8.631 min Scan# 943
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

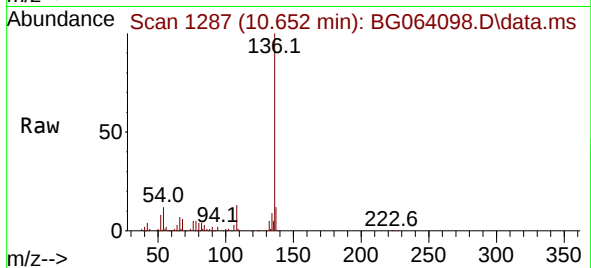
Tgt Ion:107 Resp: 151707
Ion Ratio Lower Upper
107 100
108 86.9 67.0 107.0
77 37.9 11.2 51.2
79 36.2 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1288
Delta R.T. -0.004 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

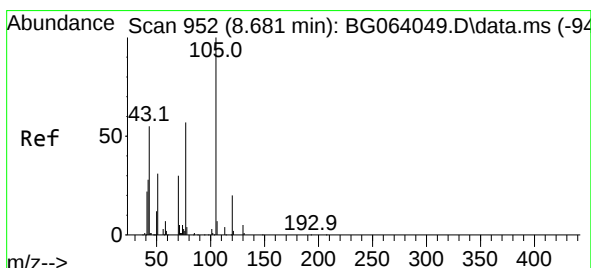
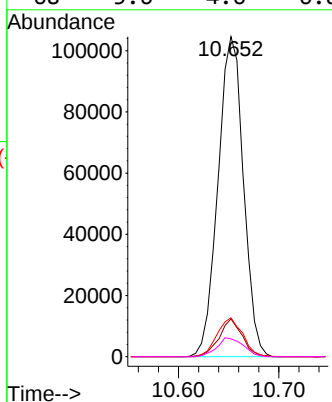
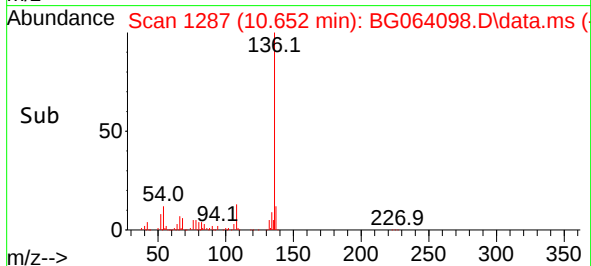
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:136 Resp: 183720
Ion Ratio Lower Upper
136 100
137 11.8 8.5 12.7
54 12.2 9.9 14.9
68 5.6 4.6 6.8

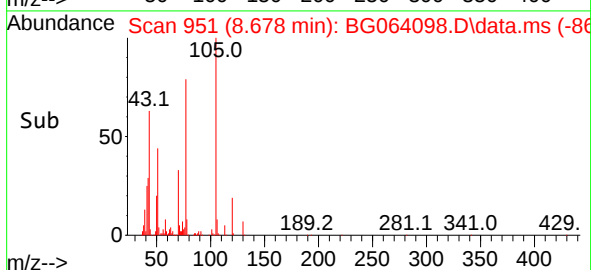
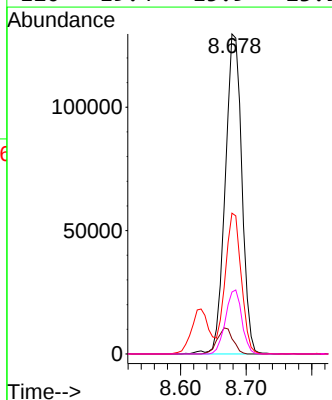
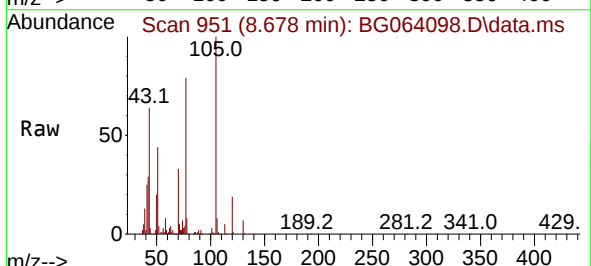
Manual Integrations
APPROVED

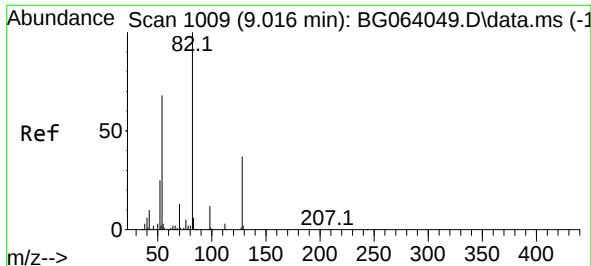
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#22
Acetophenone
Concen: 45.240 ng
RT: 8.678 min Scan# 951
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

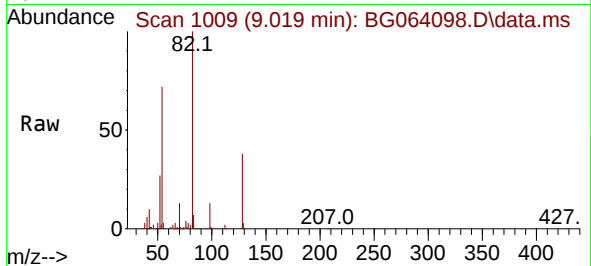
Tgt Ion:105 Resp: 227892
Ion Ratio Lower Upper
105 100
71 4.7 4.2 6.4
51 44.0 33.3 49.9
120 19.4 15.9 23.9





#23
Nitrobenzene-d5
Concen: 76.988 ng
RT: 9.019 min Scan# 1009
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

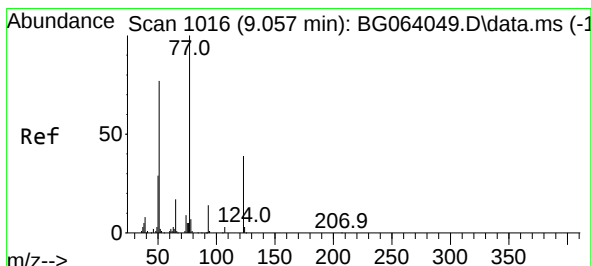
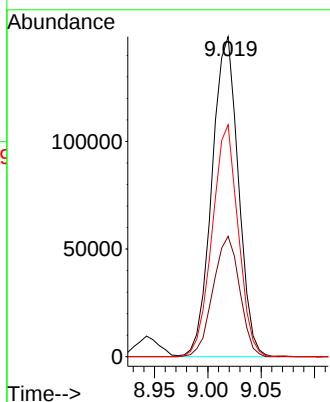
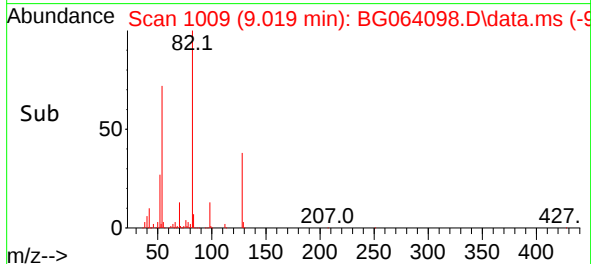
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion: 82 Resp: 255950
Ion Ratio Lower Upper
82 100
128 37.6 30.0 45.0
54 72.4 54.7 82.1

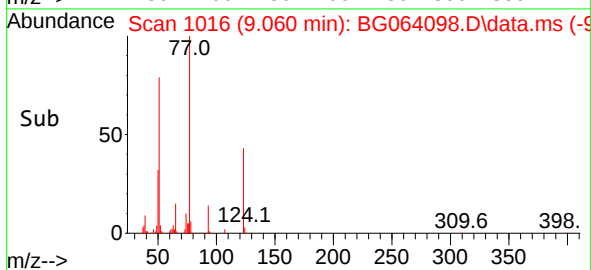
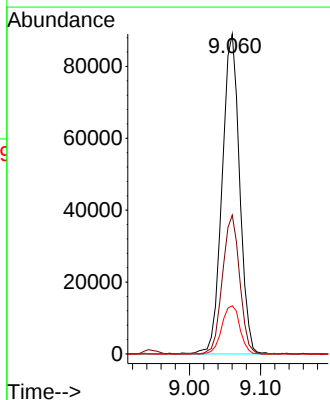
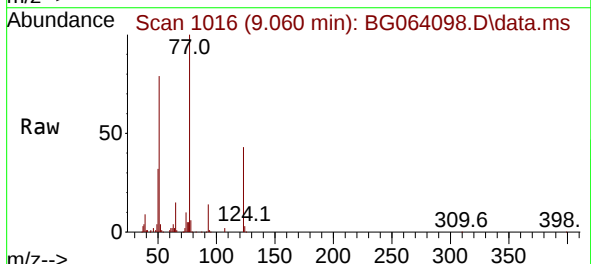
Manual Integrations
APPROVED

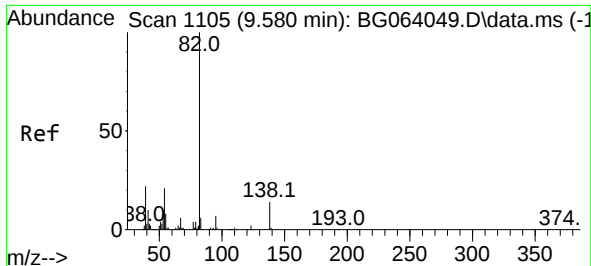
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#24
Nitrobenzene
Concen: 44.038 ng
RT: 9.060 min Scan# 1016
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

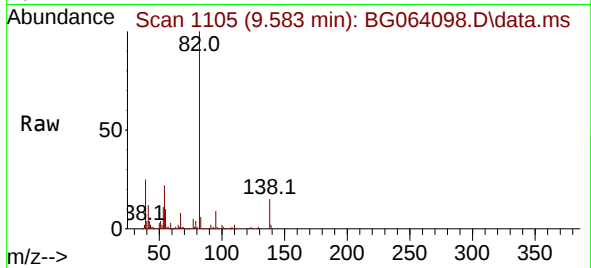
Tgt Ion: 77 Resp: 151309
Ion Ratio Lower Upper
77 100
123 43.4 31.4 47.2
65 15.0 13.4 20.0





#25
Isophorone
Concen: 42.306 ng
RT: 9.583 min Scan# 1105
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

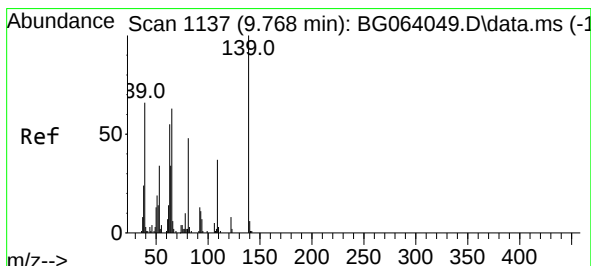
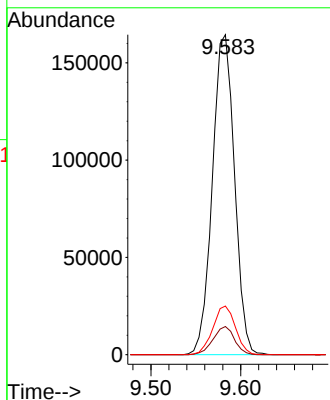
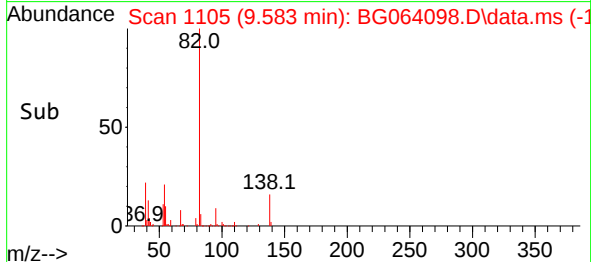
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion: 82 Resp: 281524
Ion Ratio Lower Upper
82 100
95 8.8 5.8 8.8
138 15.2 10.9 16.3

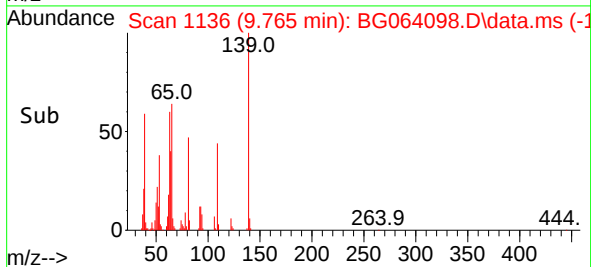
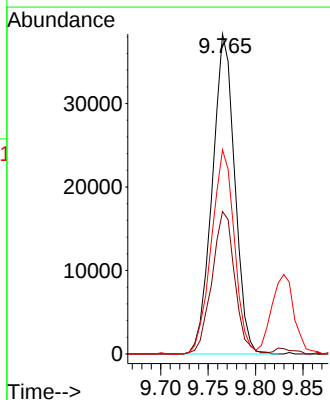
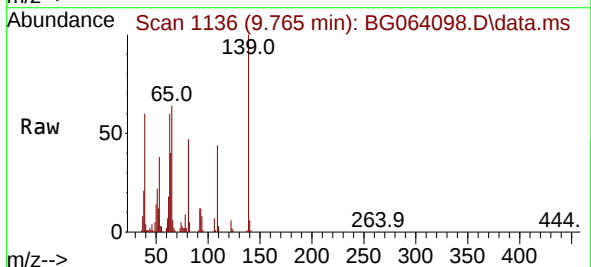
Manual Integrations
APPROVED

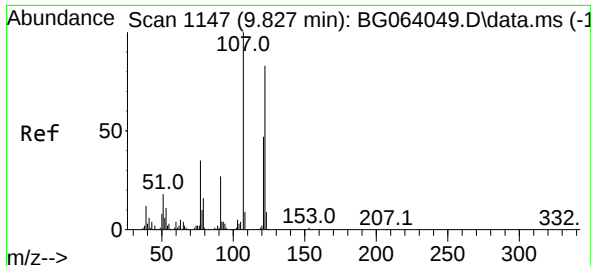
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#26
2-Nitrophenol
Concen: 52.038 ng
RT: 9.765 min Scan# 1136
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

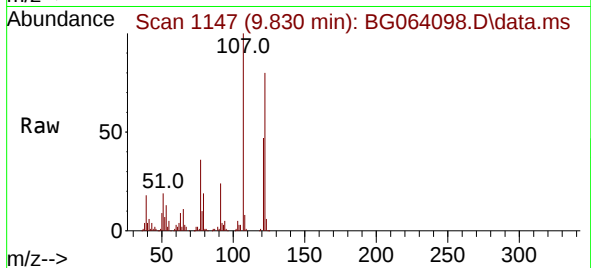
Tgt Ion:139 Resp: 63044
Ion Ratio Lower Upper
139 100
109 44.5 29.9 44.9
65 63.8 50.6 76.0





#27
2,4-Dimethylphenol
Concen: 57.484 ng
RT: 9.830 min Scan# 1147
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

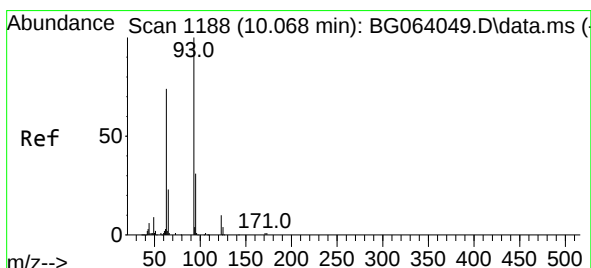
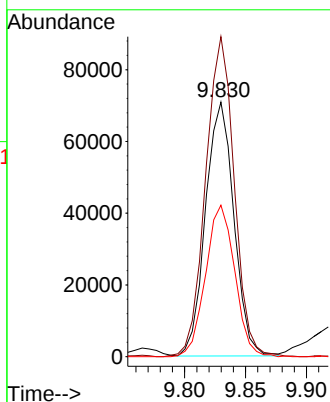
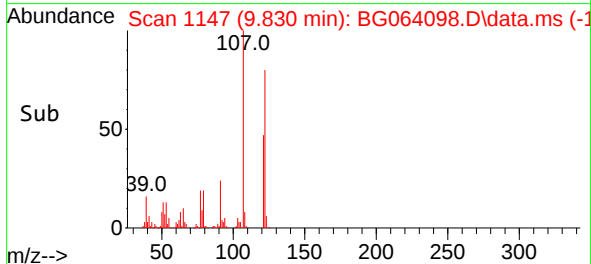
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:122 Resp: 114675
Ion Ratio Lower Upper
122 100
107 125.7 95.4 143.0
121 59.6 44.9 67.3

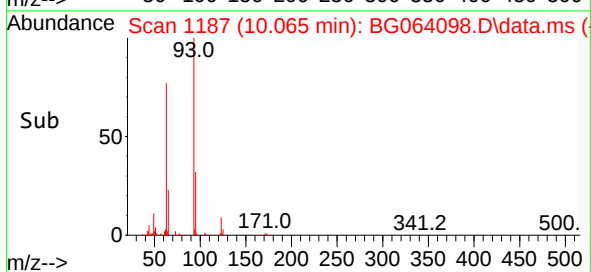
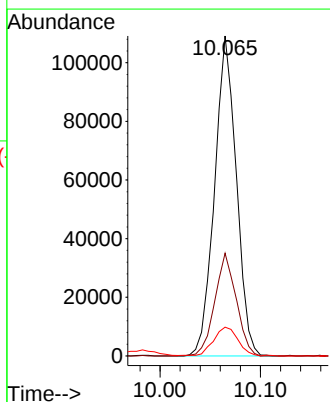
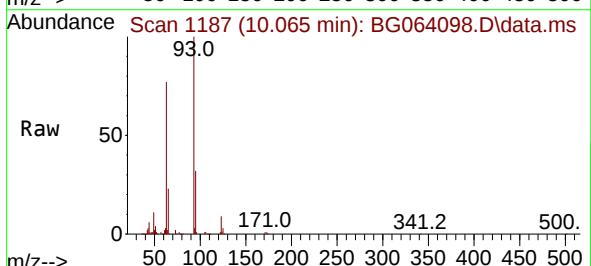
Manual Integrations
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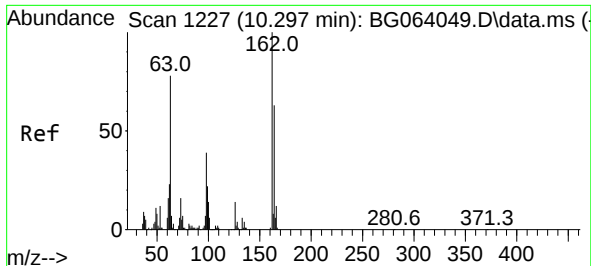
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 40.693 ng
RT: 10.065 min Scan# 1187
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

Tgt Ion: 93 Resp: 164171
Ion Ratio Lower Upper
93 100
95 32.1 25.0 37.4
123 9.0 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 46.864 ng

RT: 10.300 min Scan# 1227

Delta R.T. 0.003 min

Lab File: BG064098.D

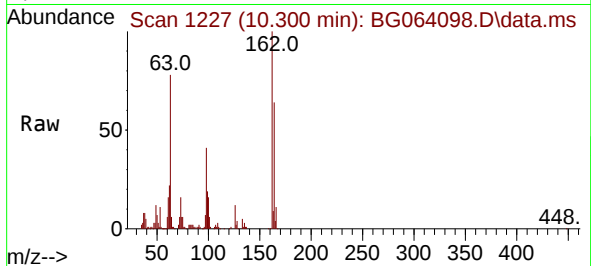
Acq: 11 Mar 2025 16:37

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MS



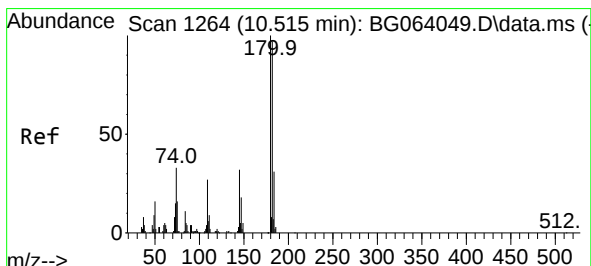
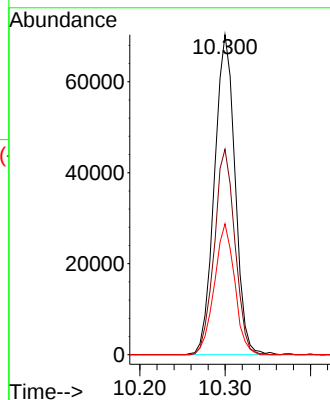
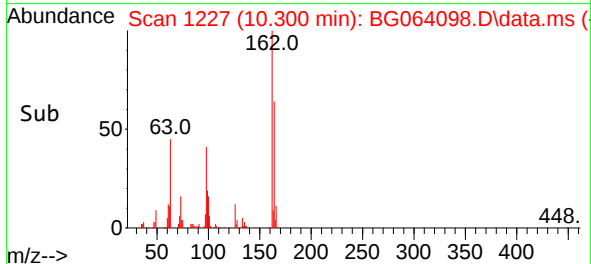
Tgt Ion:	162	Resp:	118050
Ion Ratio	Lower	Upper	
162	100		
164	64.2	42.8	82.8
98	40.9	19.1	59.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.047 ng

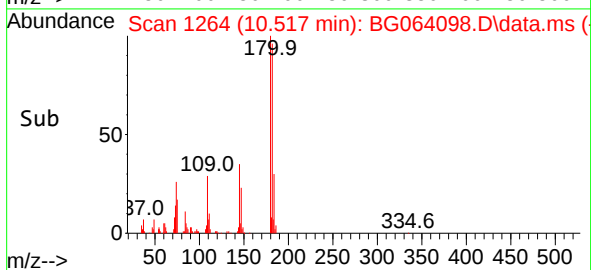
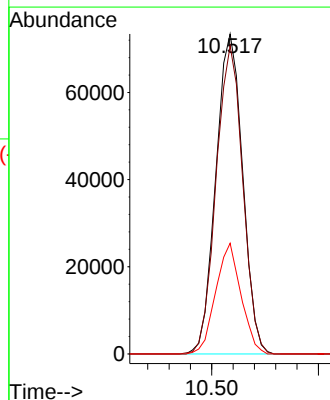
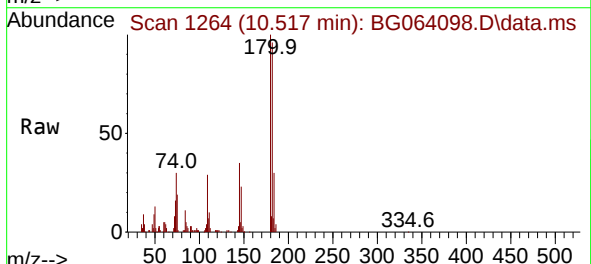
RT: 10.517 min Scan# 1264

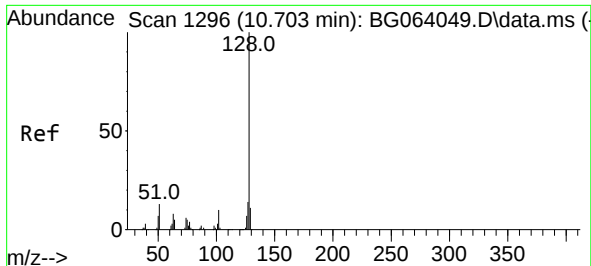
Delta R.T. 0.003 min

Lab File: BG064098.D

Acq: 11 Mar 2025 16:37

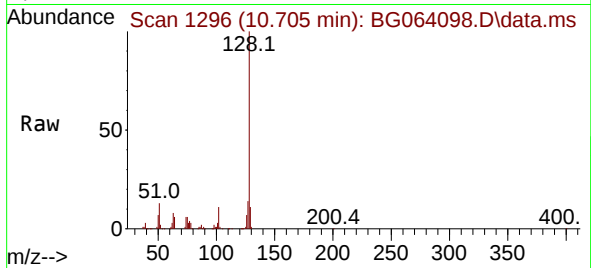
Tgt Ion:	180	Resp:	127860
Ion Ratio	Lower	Upper	
180	100		
182	96.3	77.3	115.9
145	34.6	25.2	37.8





#31
Naphthalene
Concen: 41.399 ng
RT: 10.705 min Scan# 1296
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

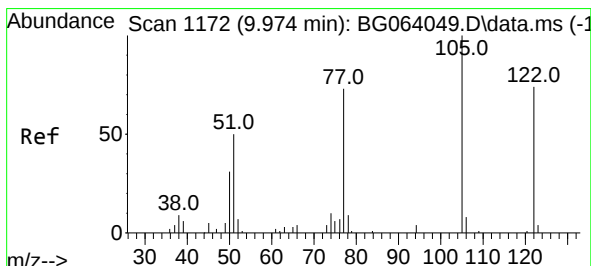
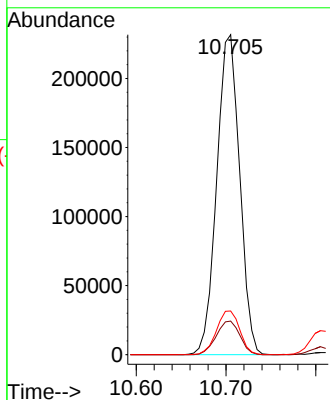
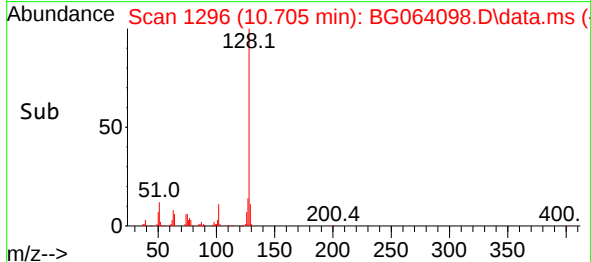
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:128 Resp: 41013
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 13.6 11.1 16.7

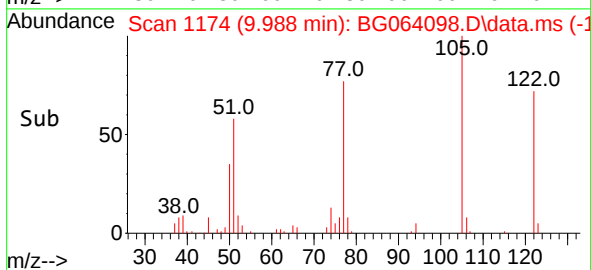
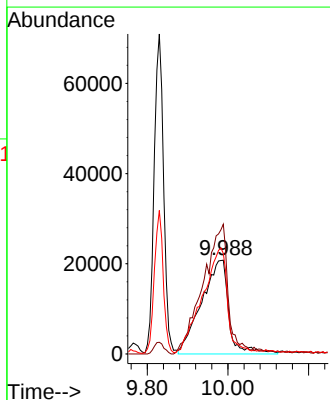
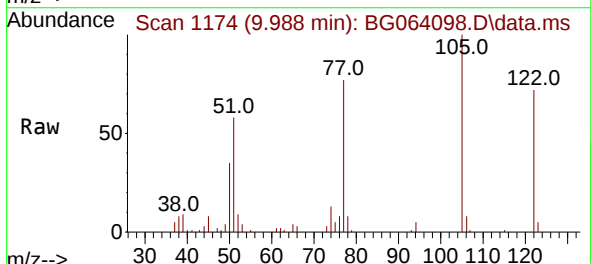
Manual Integrations
APPROVED

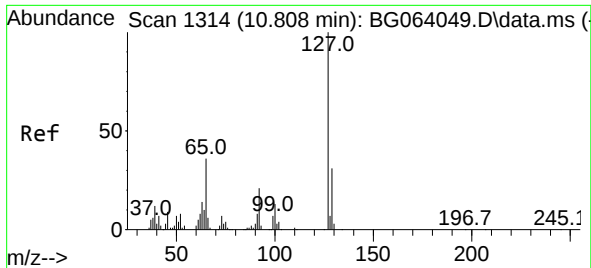
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#32
Benzoic acid
Concen: 52.436 ng m
RT: 9.988 min Scan# 1174
Delta R.T. 0.014 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

Tgt Ion:122 Resp: 97852
Ion Ratio Lower Upper
122 100
105 138.4 115.0 155.0
77 107.2 80.9 120.9





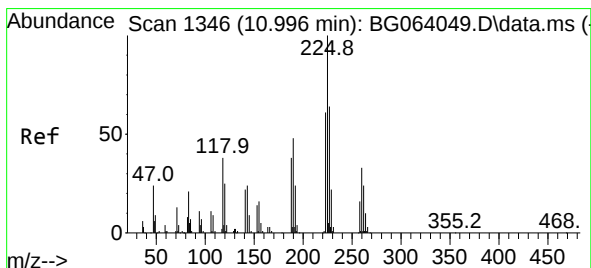
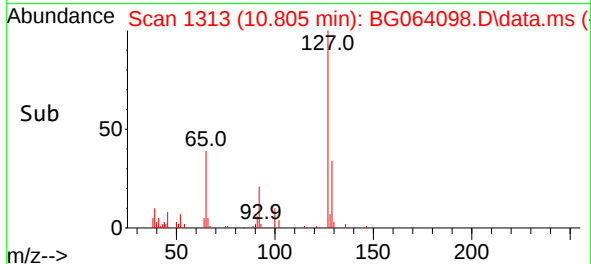
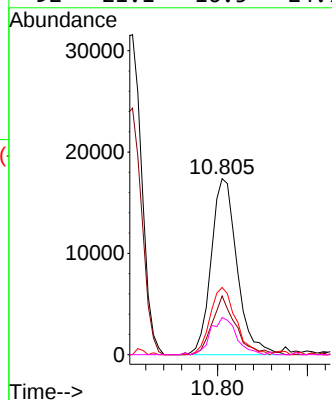
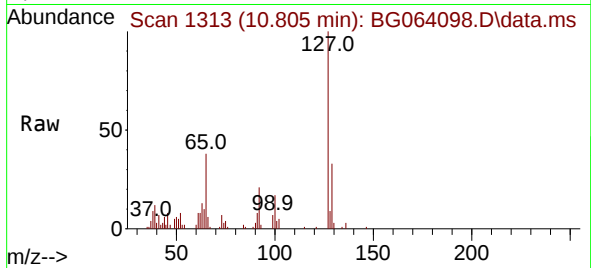
#33
4-Chloroaniline
Concen: 9.594 ng
RT: 10.805 min Scan# 1313
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS

Tgt Ion:127	Resp:	34739
Ion Ratio	Lower	Upper
127	100	
129	33.4	25.0 37.4
65	38.2	28.5 42.7
92	21.1	16.5 24.7

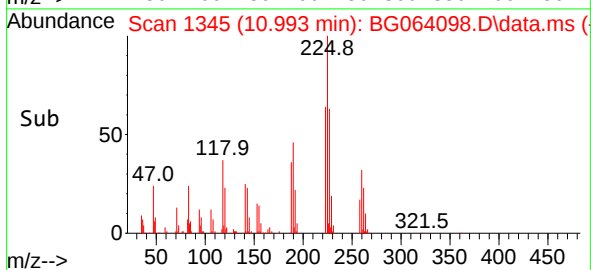
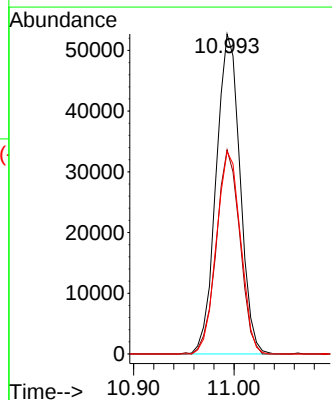
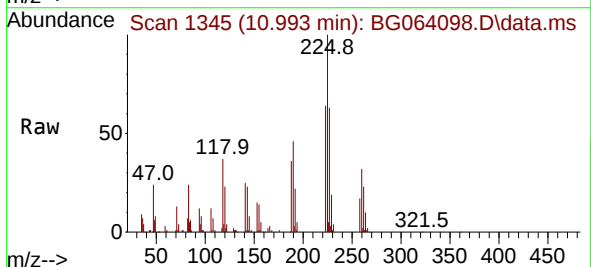
Manual Integrations
APPROVED

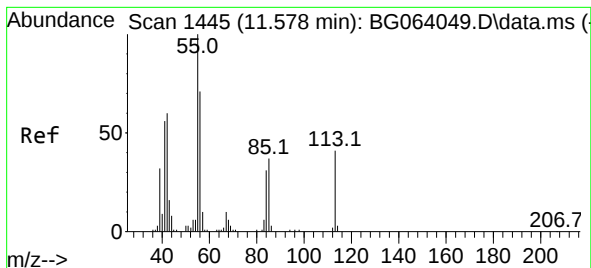
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#34
Hexachlorobutadiene
Concen: 43.599 ng
RT: 10.993 min Scan# 1345
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

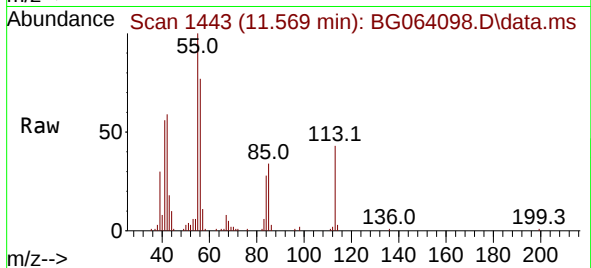
Tgt Ion:225	Resp:	86900
Ion Ratio	Lower	Upper
225	100	
223	63.8	48.5 72.7
227	63.3	51.0 76.6





#35
Caprolactam
Concen: 46.882 ng m
RT: 11.569 min Scan# 1445
Delta R.T. -0.009 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

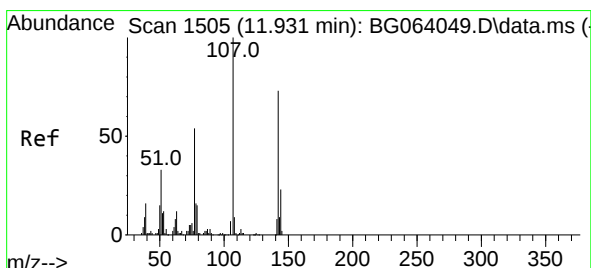
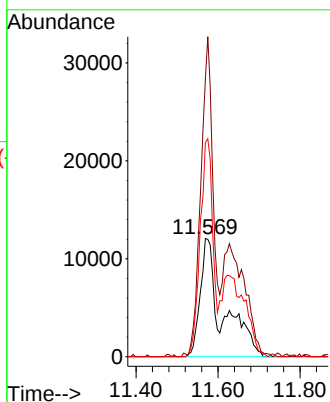
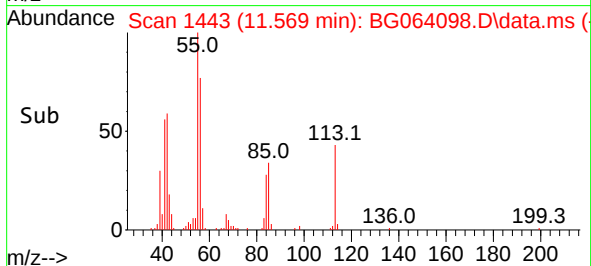
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:113 Resp: 45250
Ion Ratio Lower Upper
113 100
55 235.0 225.2 265.2
56 181.3 153.4 193.4

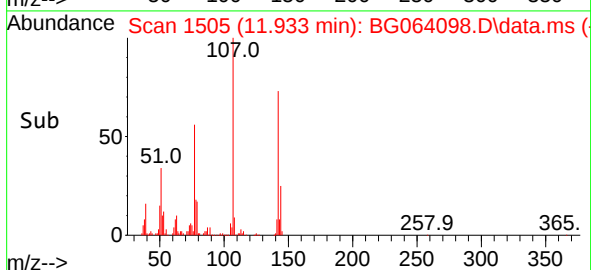
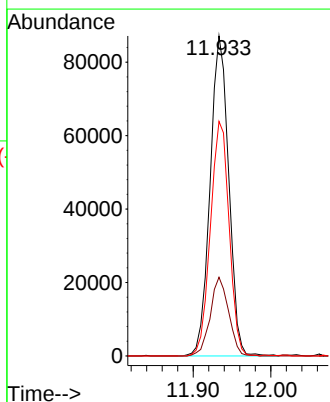
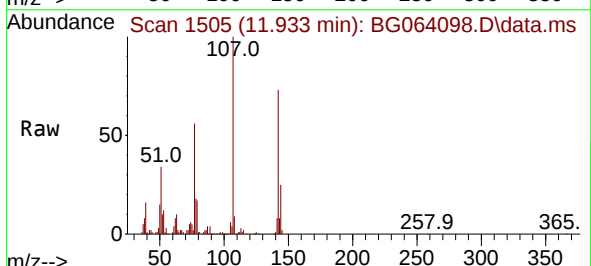
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#36
4-Chloro-3-methylphenol
Concen: 43.984 ng
RT: 11.933 min Scan# 1505
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

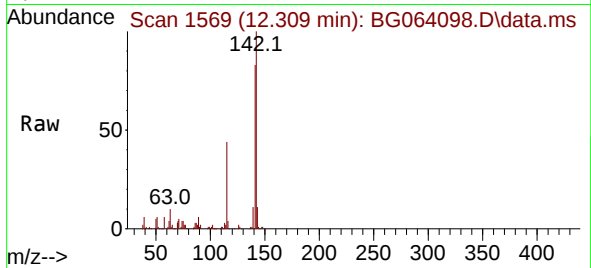
Tgt Ion:107 Resp: 145232
Ion Ratio Lower Upper
107 100
144 24.6 18.6 28.0
142 73.3 58.0 87.0





#37
2-Methylnaphthalene
Concen: 40.021 ng
RT: 12.309 min Scan# 1569
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

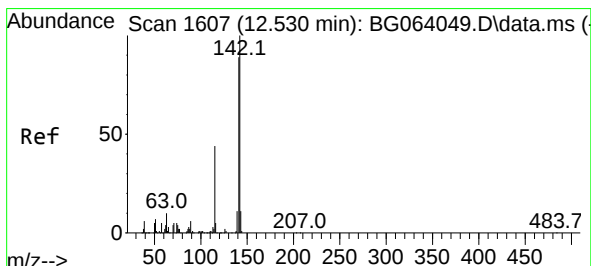
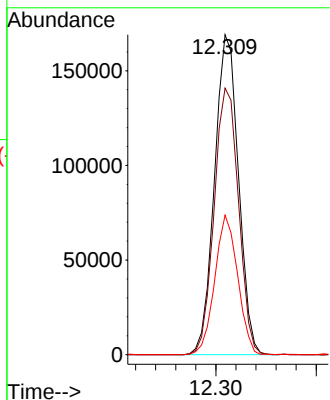
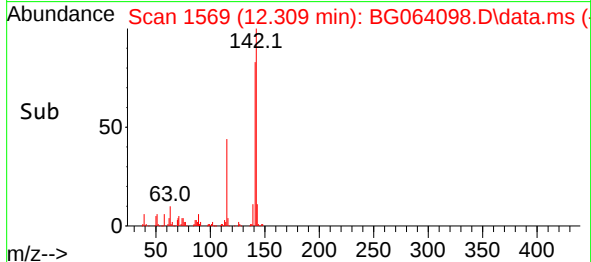
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:142 Resp: 279900
Ion Ratio Lower Upper
142 100
141 83.3 68.6 103.0
115 43.6 32.8 49.2

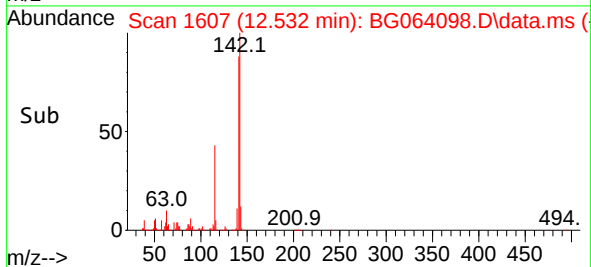
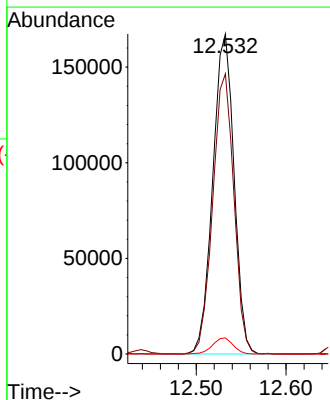
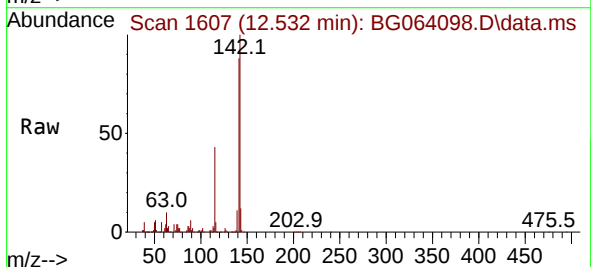
Manual Integrations
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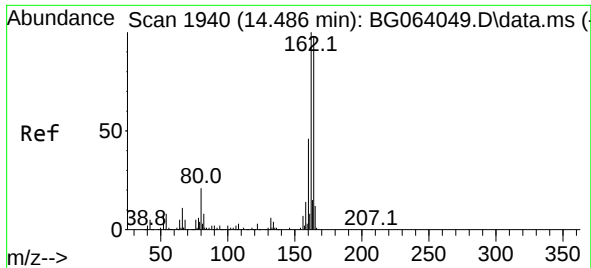
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#38
1-Methylnaphthalene
Concen: 40.110 ng
RT: 12.532 min Scan# 1607
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

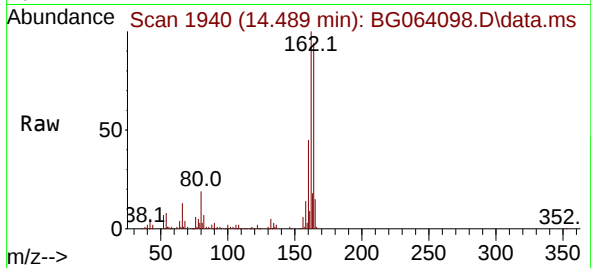
Tgt Ion:142 Resp: 274835
Ion Ratio Lower Upper
142 100
141 87.5 71.2 106.8
116 5.0 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.489 min Scan# 1940
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

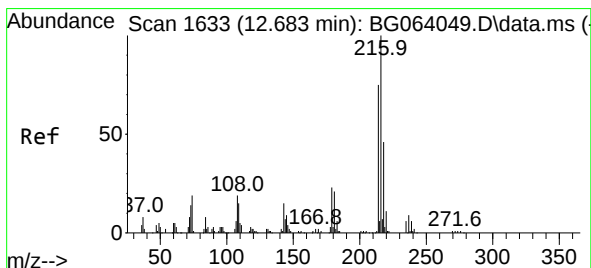
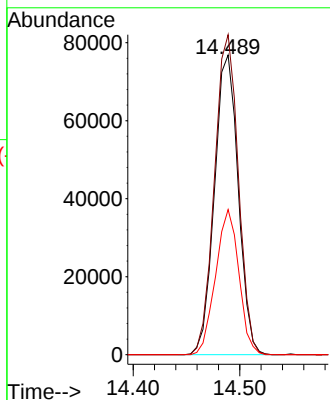
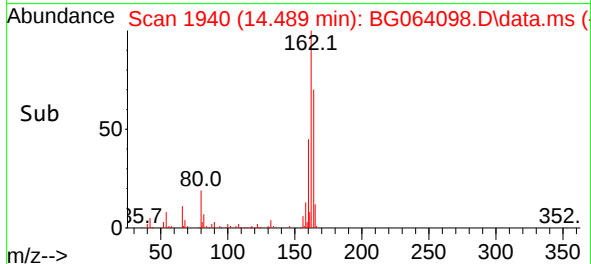
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:164 Resp: 118660
Ion Ratio Lower Upper
164 100
162 106.8 81.4 122.0
160 48.4 37.0 55.6

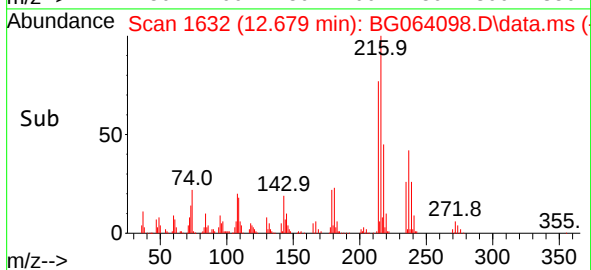
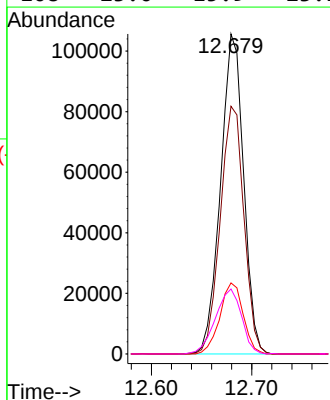
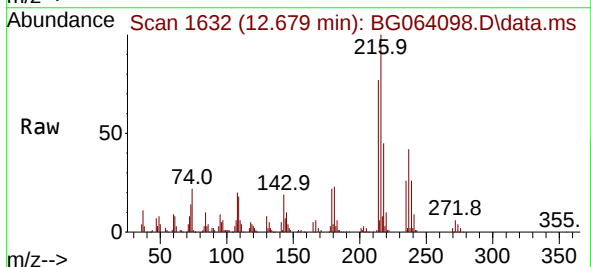
Manual Integrations
APPROVED

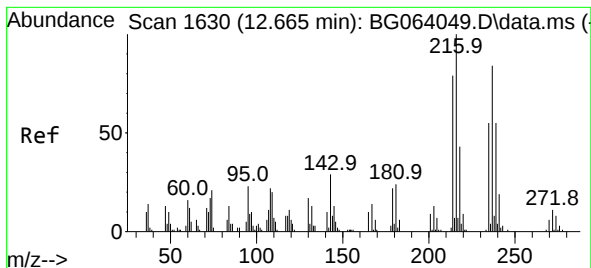
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.612 ng
RT: 12.679 min Scan# 1632
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

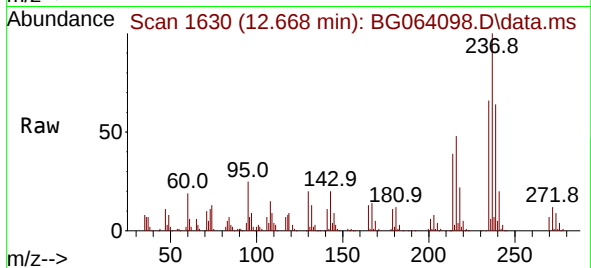
Tgt Ion:216 Resp: 168077
Ion Ratio Lower Upper
216 100
214 79.4 61.7 92.5
179 22.5 17.9 26.9
108 23.0 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 171.745 ng
RT: 12.668 min Scan# 1630
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

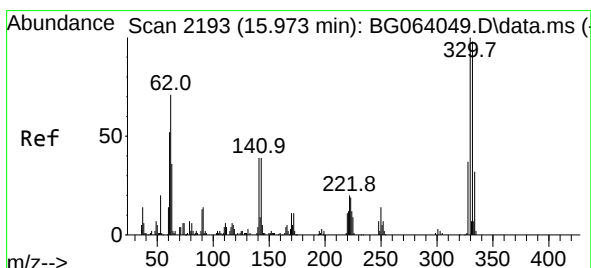
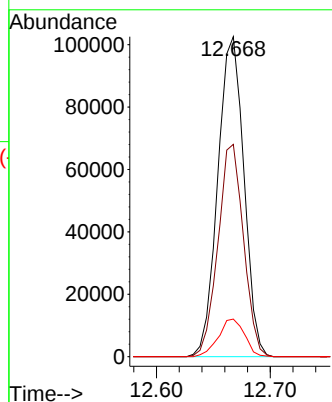
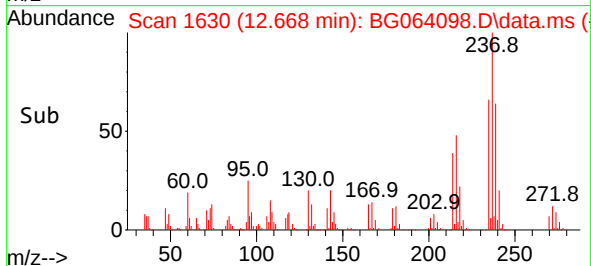
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



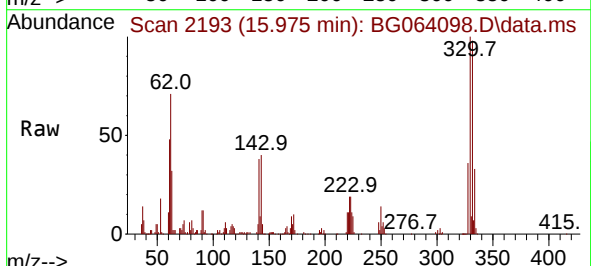
Tgt Ion:237 Resp: 16376
Ion Ratio Lower Upper
237 100
235 66.4 46.0 86.0
272 11.8 0.0 32.8

Manual Integrations
APPROVED

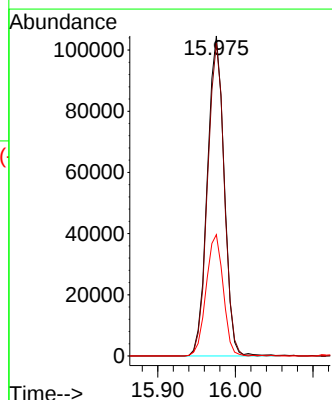
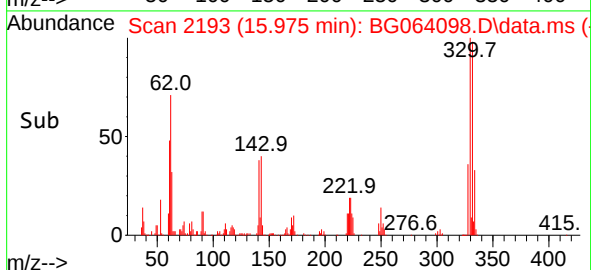
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

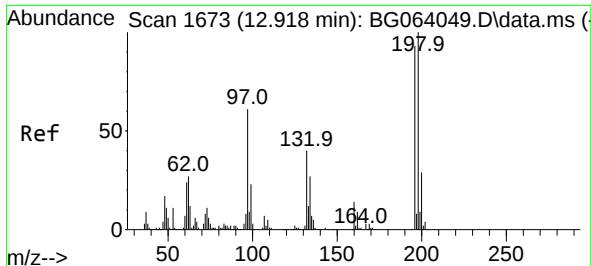


#42
2,4,6-Tribromophenol
Concen: 119.467 ng
RT: 15.975 min Scan# 2193
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37



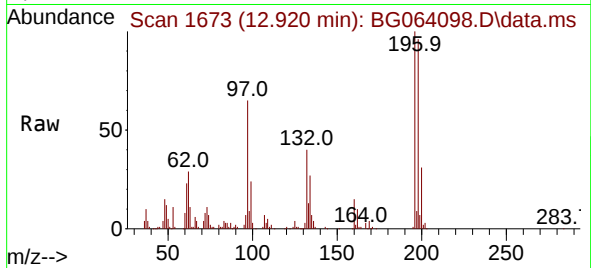
Tgt Ion:330 Resp: 157584
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 38.4 29.7 44.5





#43
2,4,6-Trichlorophenol
Concen: 51.858 ng
RT: 12.920 min Scan# 1673
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

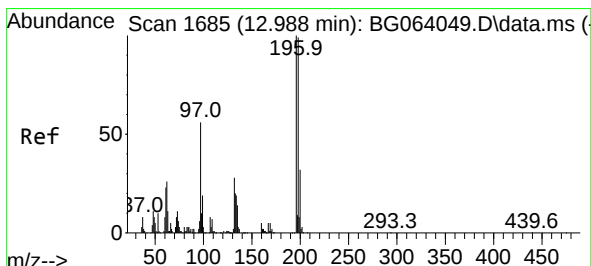
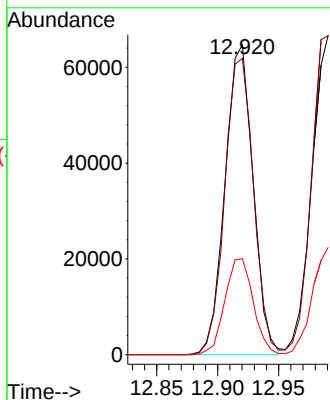
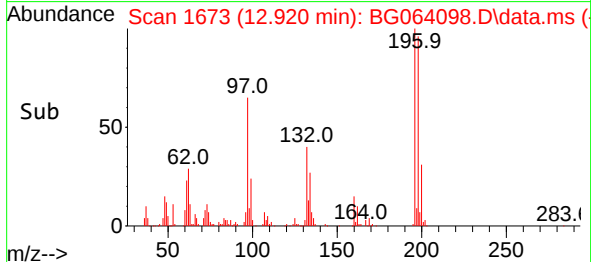
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



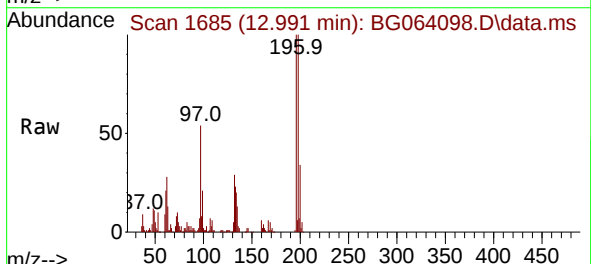
Tgt Ion:196 Resp: 10354
Ion Ratio Lower Upper
196 100
198 95.7 85.6 128.4
200 31.0 24.6 37.0

Manual Integrations
APPROVED

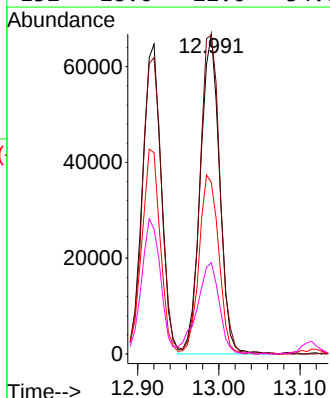
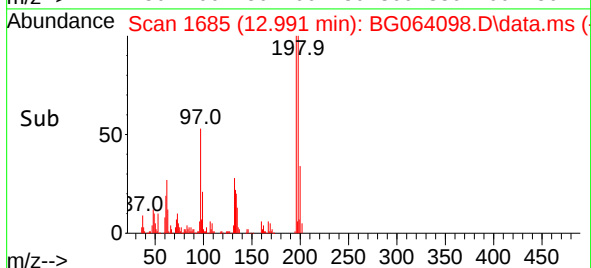
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

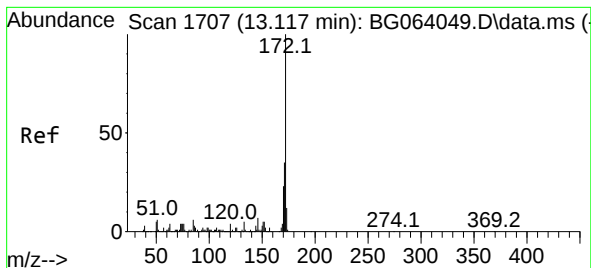


#44
2,4,5-Trichlorophenol
Concen: 49.647 ng
RT: 12.991 min Scan# 1685
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37



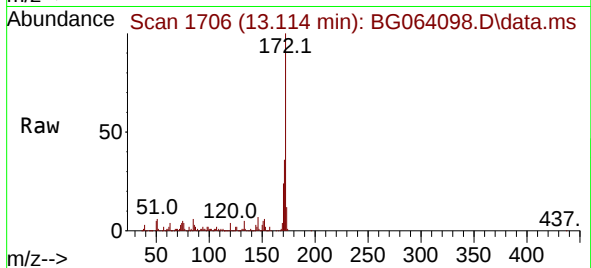
Tgt Ion:196 Resp: 110146
Ion Ratio Lower Upper
196 100
198 99.7 79.5 119.3
97 53.6 45.2 67.8
132 28.6 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 66.219 ng
RT: 13.114 min Scan# 1706
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

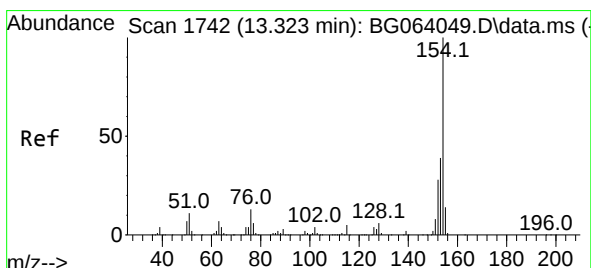
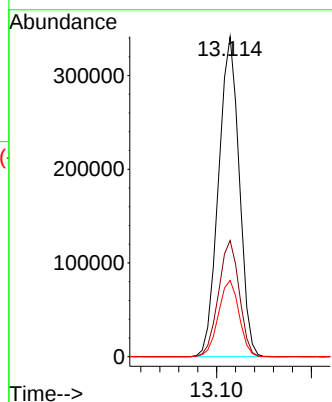
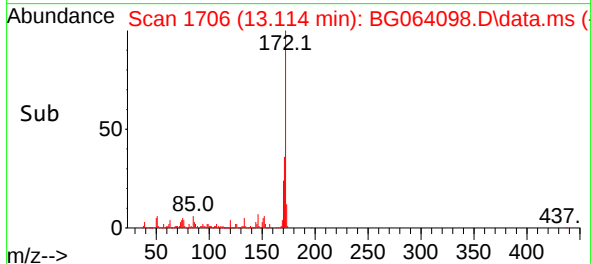
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



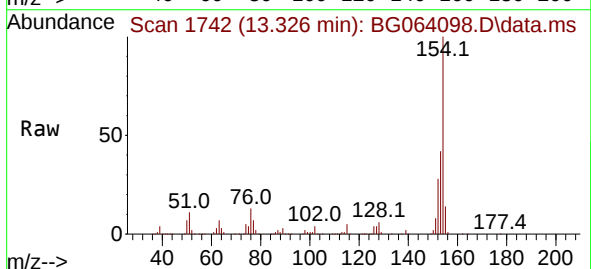
Tgt Ion:172 Resp: 517690
Ion Ratio Lower Upper
172 100
171 36.3 28.0 42.0
170 23.8 18.7 28.1

Manual Integrations
APPROVED

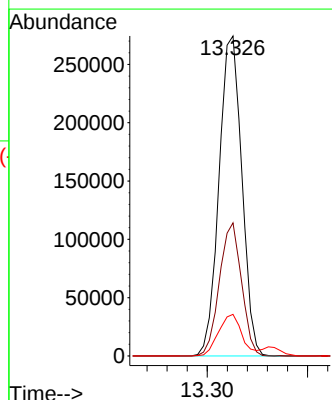
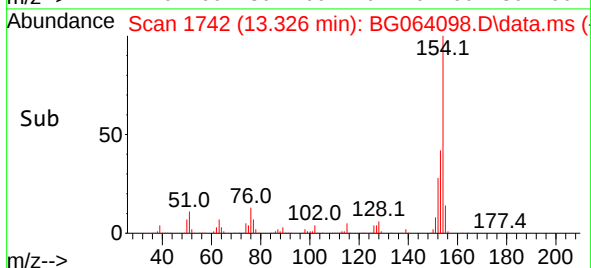
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

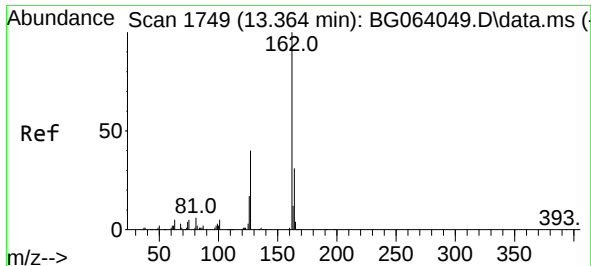


#46
1,1'-Biphenyl
Concen: 48.168 ng
RT: 13.326 min Scan# 1742
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37



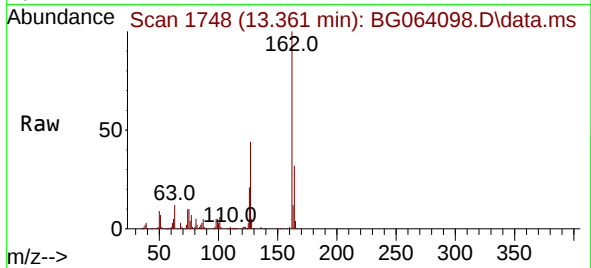
Tgt Ion:154 Resp: 431842
Ion Ratio Lower Upper
154 100
153 41.6 19.5 59.5
76 13.0 0.0 33.5





#47
2-Chloronaphthalene
Concen: 44.591 ng
RT: 13.361 min Scan# 1749
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

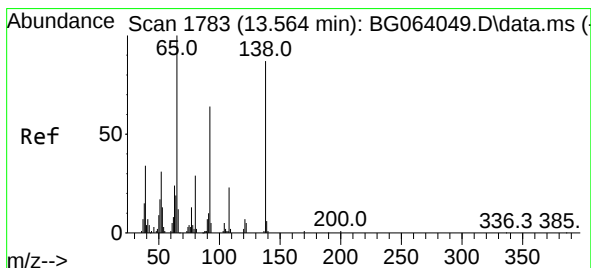
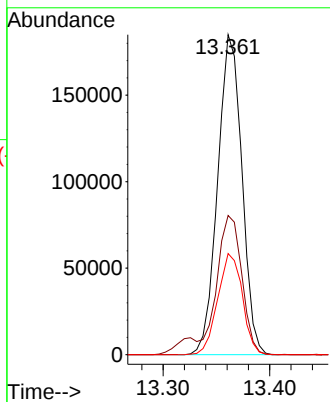
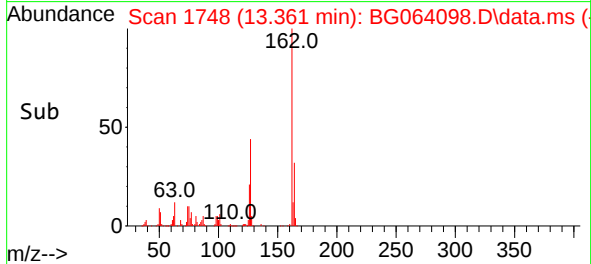
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:162 Resp: 291560
Ion Ratio Lower Upper
162 100
127 43.5 35.0 52.4
164 31.6 25.0 37.6

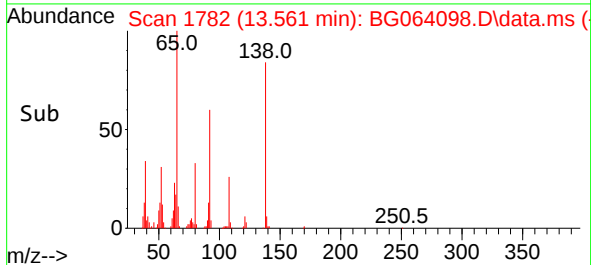
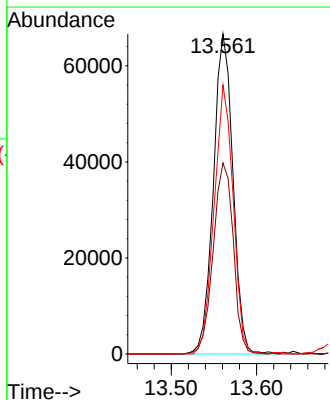
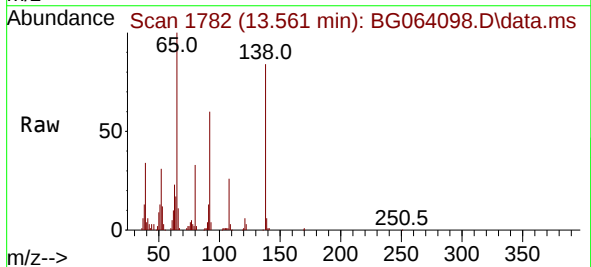
Manual Integrations
APPROVED

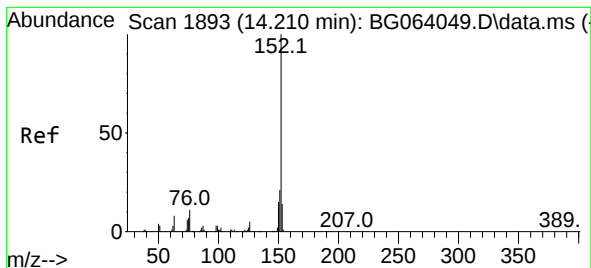
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#48
2-Nitroaniline
Concen: 48.811 ng
RT: 13.561 min Scan# 1782
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

Tgt Ion: 65 Resp: 106338
Ion Ratio Lower Upper
65 100
92 59.7 51.2 76.8
138 84.0 69.4 104.2





#49

Acenaphthylene

Concen: 45.858 ng

RT: 14.207 min Scan# 1892

Delta R.T. -0.003 min

Lab File: BG064098.D

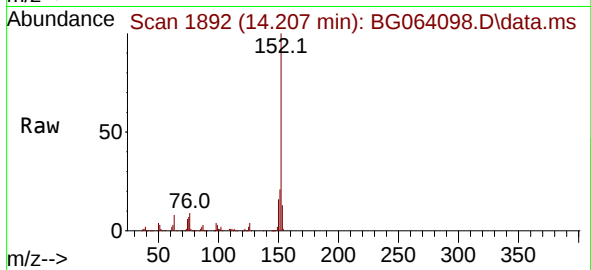
Acq: 11 Mar 2025 16:37

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MS



Tgt Ion:152 Resp: 47427

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

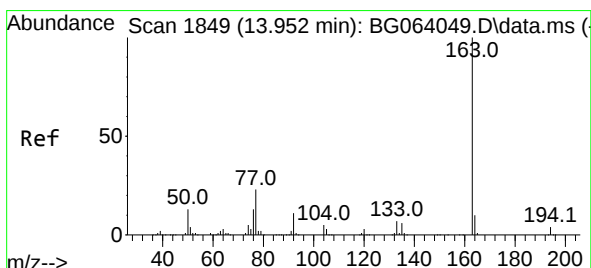
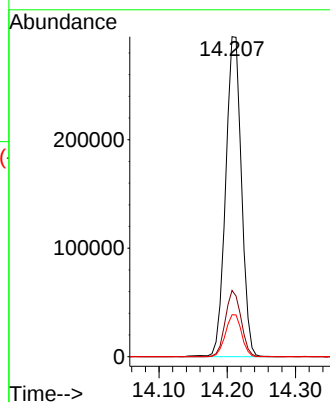
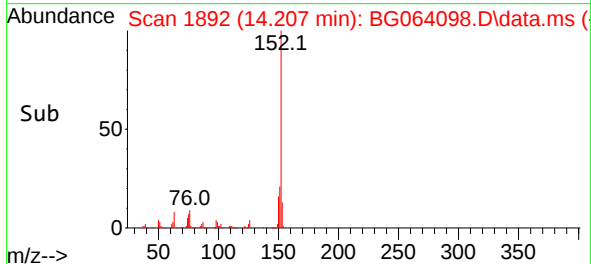
153 13.1 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#50

Dimethylphthalate

Concen: 41.530 ng

RT: 13.948 min Scan# 1848

Delta R.T. -0.003 min

Lab File: BG064098.D

Acq: 11 Mar 2025 16:37

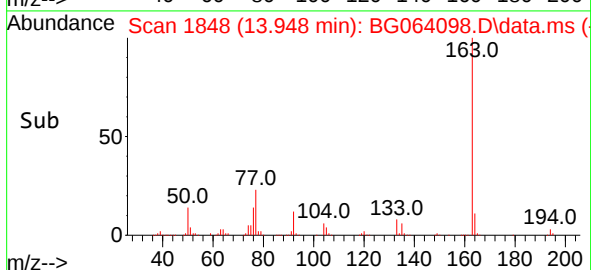
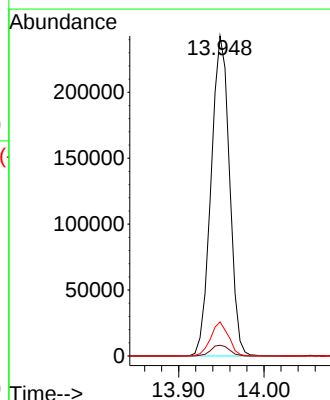
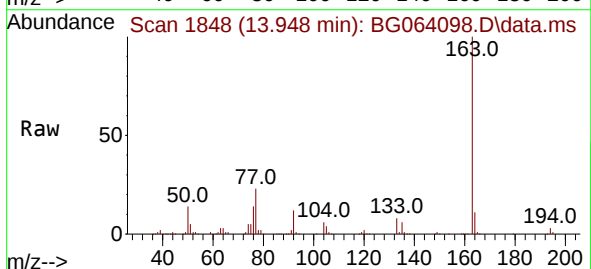
Tgt Ion:163 Resp: 363785

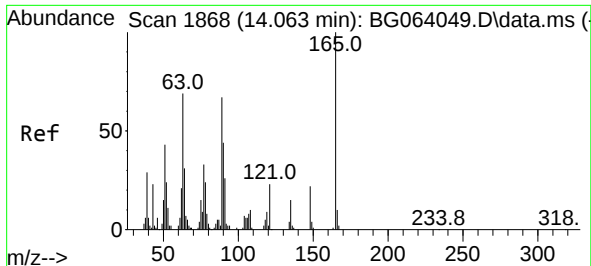
Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

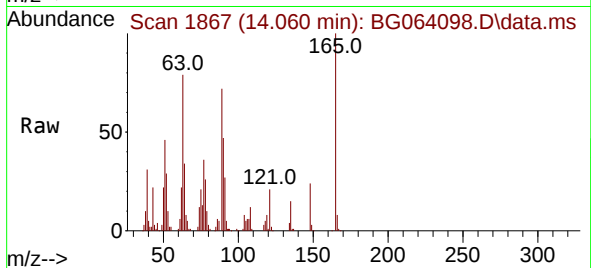
164 10.7 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 43.254 ng
RT: 14.060 min Scan# 1867
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

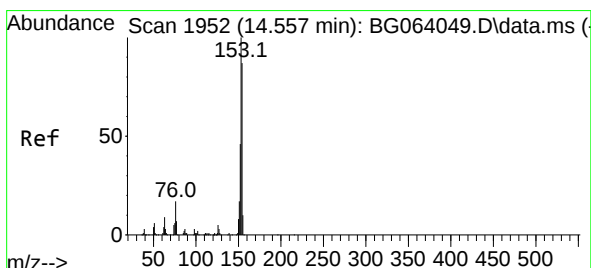
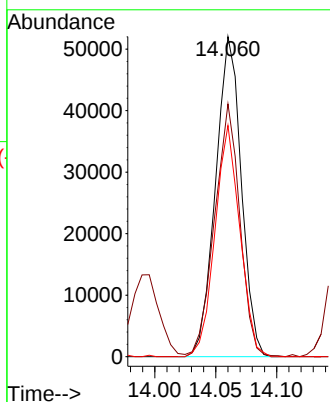
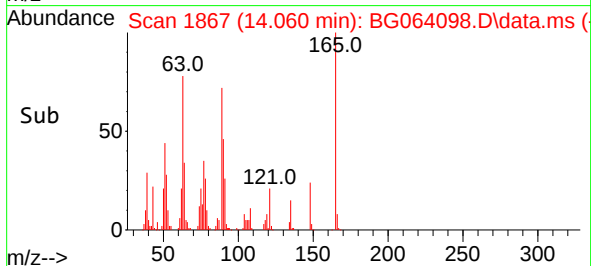
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:165 Resp: 7623
Ion Ratio Lower Upper
165 100
63 79.0 56.7 85.1
89 72.3 53.7 80.5

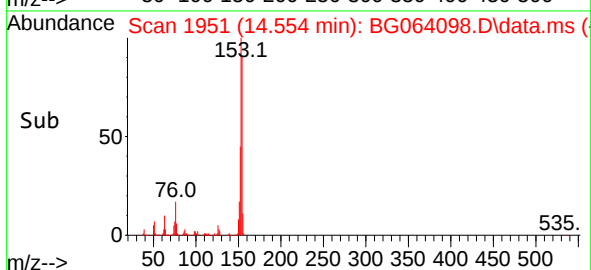
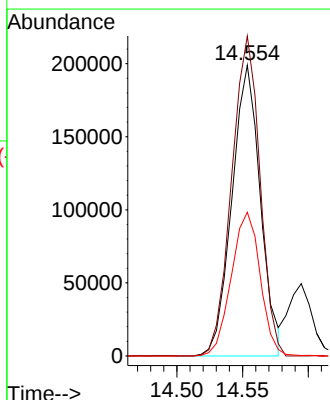
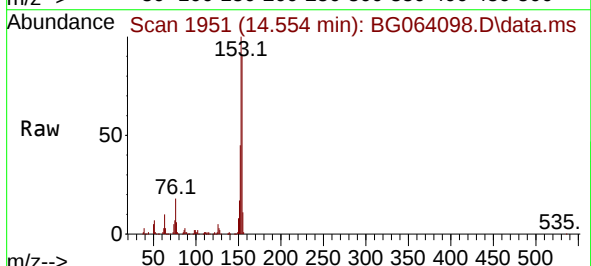
Manual Integrations
APPROVED

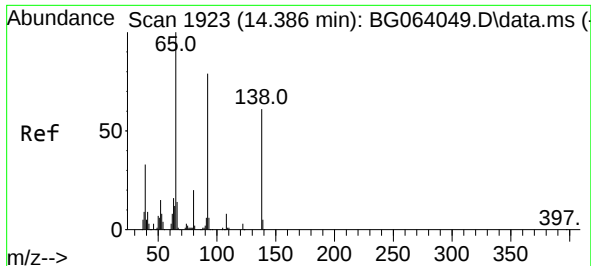
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#52
Acenaphthene
Concen: 43.282 ng
RT: 14.554 min Scan# 1951
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

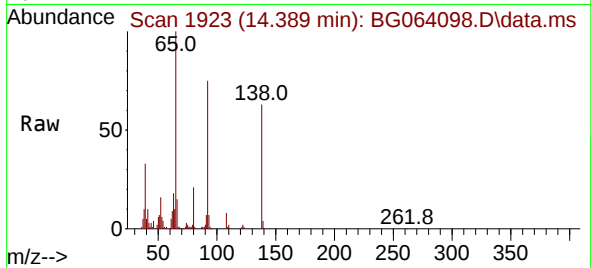
Tgt Ion:154 Resp: 300415
Ion Ratio Lower Upper
154 100
153 110.1 91.6 137.4
152 49.4 42.5 63.7





#53
3-Nitroaniline
Concen: 26.204 ng
RT: 14.389 min Scan# 1923
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

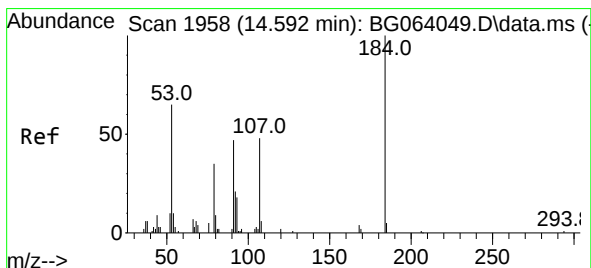
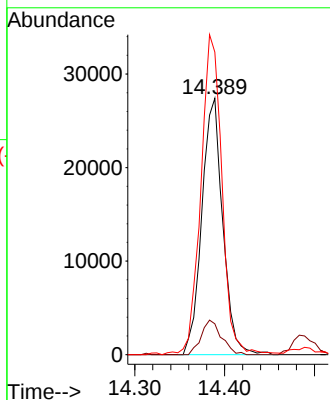
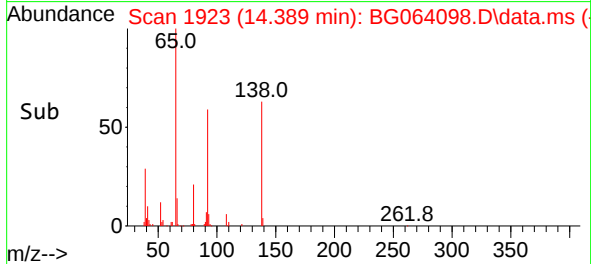
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:138 Resp: 4436
Ion Ratio Lower Upper
138 100
108 12.1 10.1 15.1
92 118.0 104.1 156.1

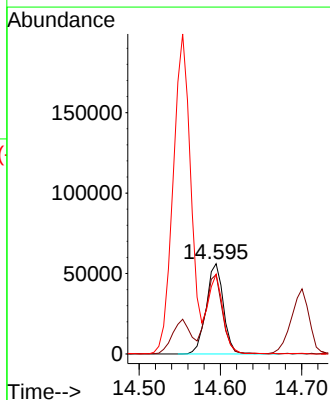
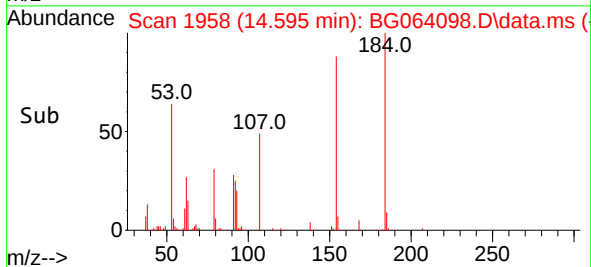
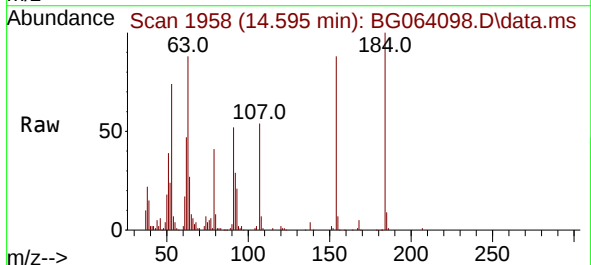
Manual Integrations
APPROVED

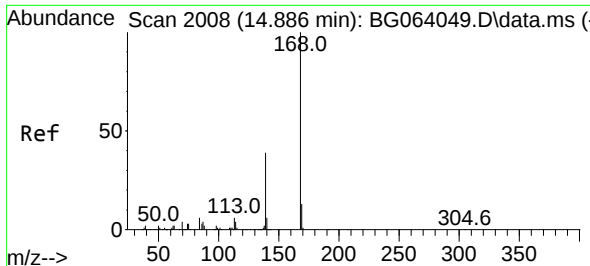
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#54
2,4-Dinitrophenol
Concen: 107.857 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

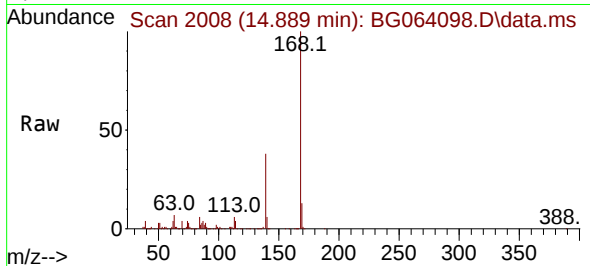
Tgt Ion:184 Resp: 82170
Ion Ratio Lower Upper
184 100
63 88.0 57.5 86.3#
154 88.2 52.3 78.5#





#55
Dibenzofuran
Concen: 41.263 ng
RT: 14.889 min Scan# 2008
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

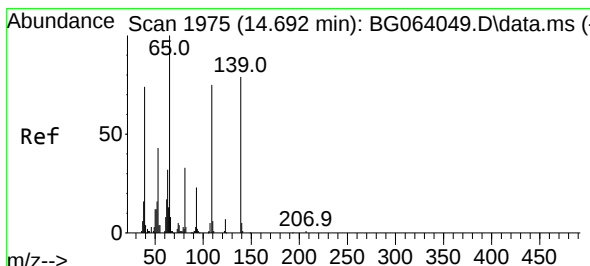
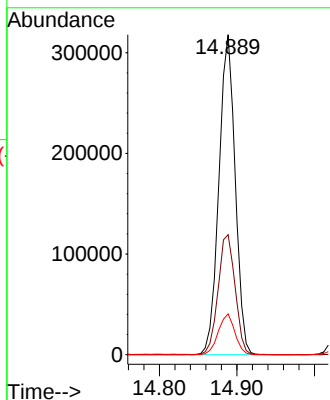
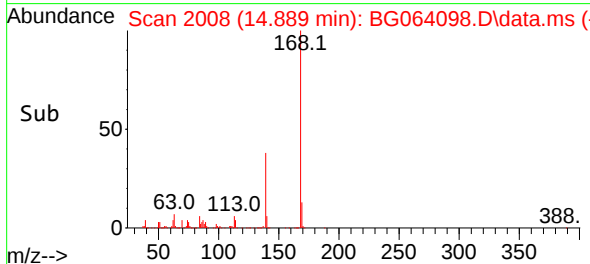
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:168 Resp: 46396
Ion Ratio Lower Upper
168 100
139 37.5 31.1 46.7
169 12.8 10.5 15.7

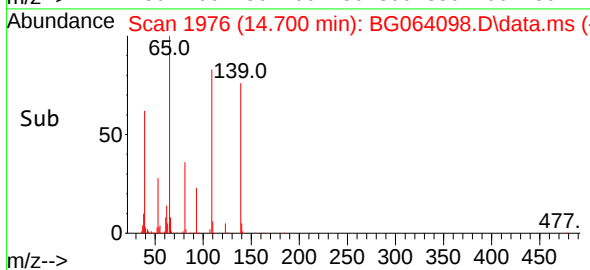
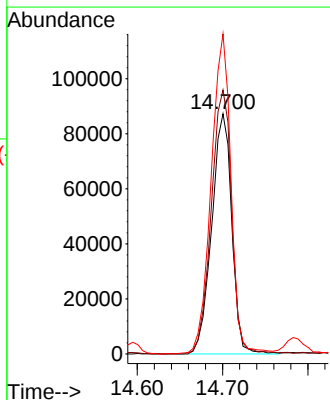
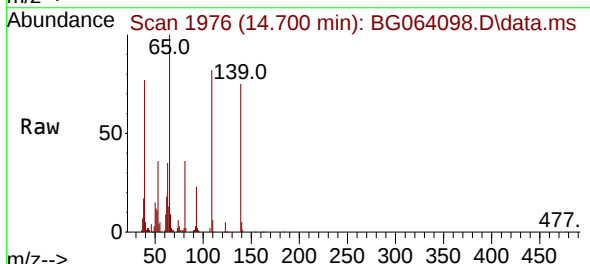
Manual Integrations
APPROVED

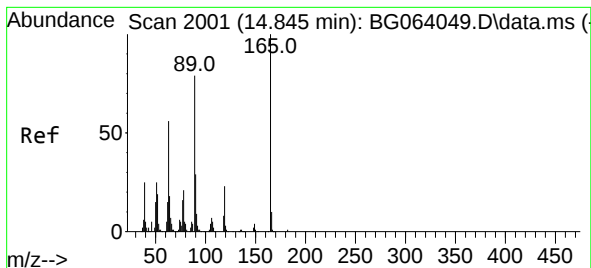
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#56
4-Nitrophenol
Concen: 100.603 ng
RT: 14.700 min Scan# 1976
Delta R.T. 0.008 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

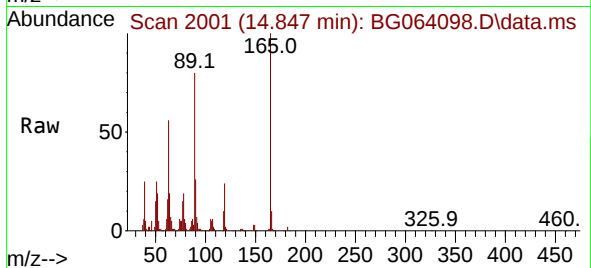
Tgt Ion:139 Resp: 142842
Ion Ratio Lower Upper
139 100
109 109.9 74.9 114.9
65 133.2 106.8 146.8





#57
2,4-Dinitrotoluene
Concen: 45.616 ng
RT: 14.847 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

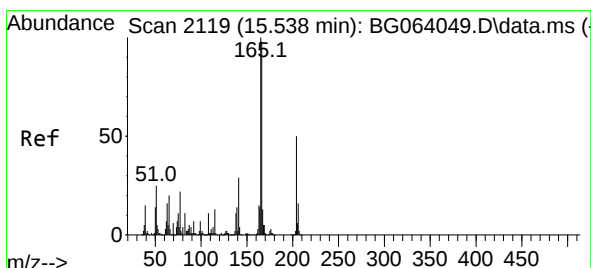
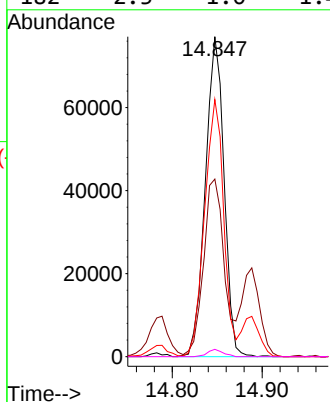
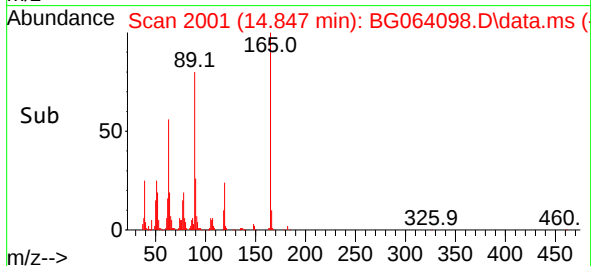
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:165 Resp: 11137
Ion Ratio Lower Upper
165 100
63 55.5 45.0 67.6
89 80.4 63.1 94.7
182 2.3 1.0 1.4#

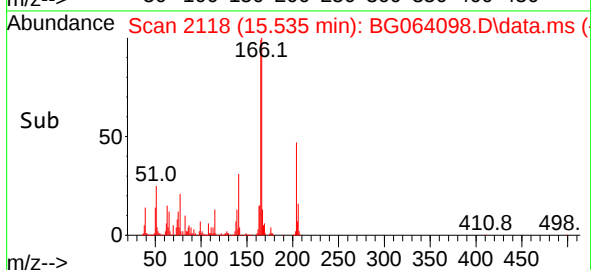
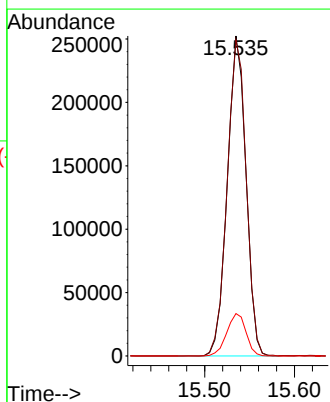
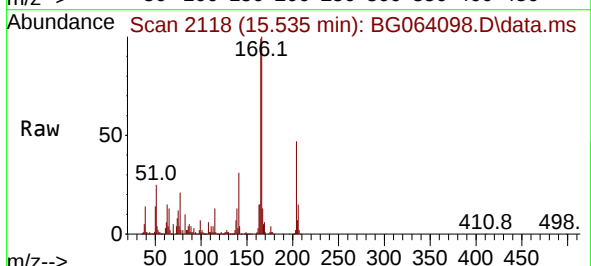
Manual Integrations
APPROVED

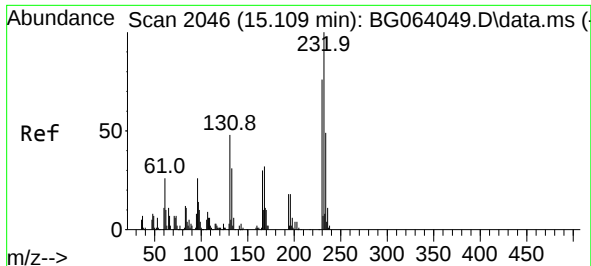
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#58
Fluorene
Concen: 41.561 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

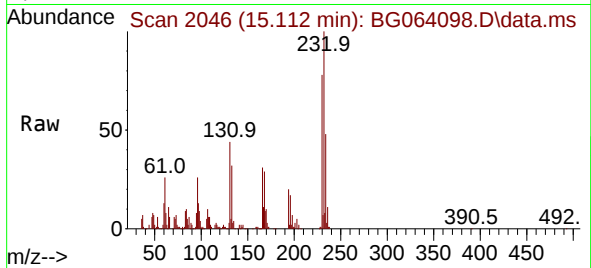
Tgt Ion:166 Resp: 363977
Ion Ratio Lower Upper
166 100
165 98.8 81.8 122.8
167 13.2 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.611 ng
RT: 15.112 min Scan# 2046
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

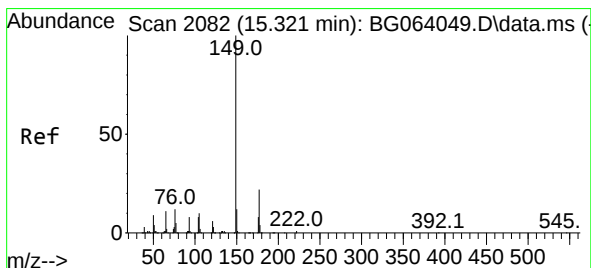
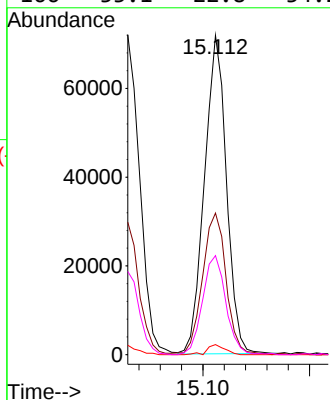
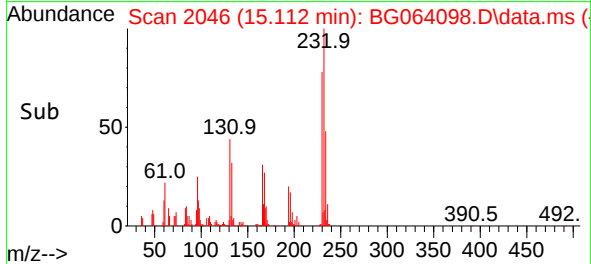
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:232 Resp: 102978
Ion Ratio Lower Upper
232 100
131 47.6 36.3 54.5
130 2.5 1.9 2.9
166 33.1 22.8 34.2

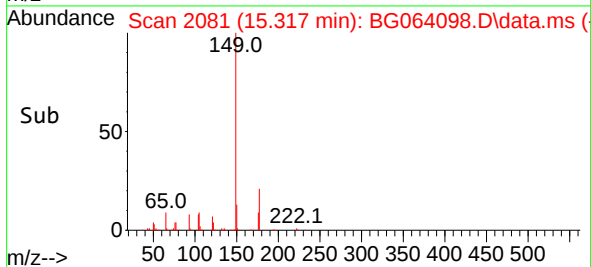
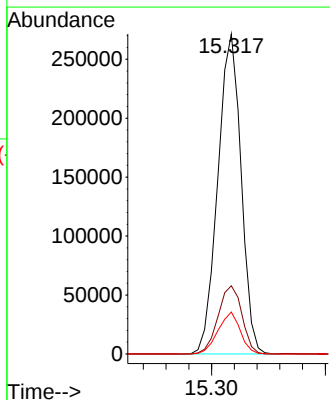
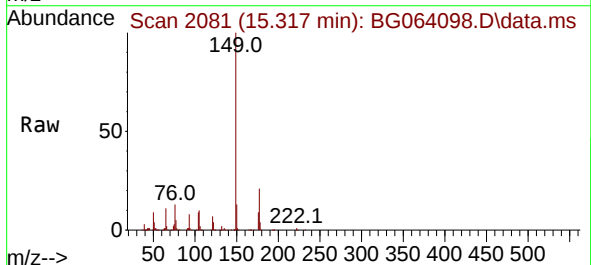
Manual Integrations
APPROVED

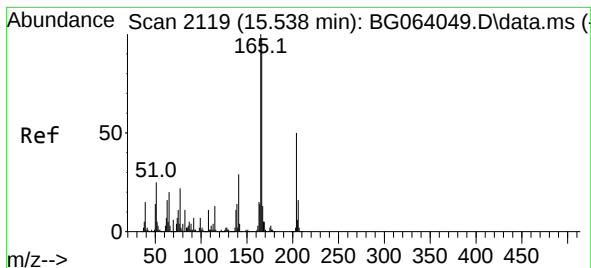
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#60
Diethylphthalate
Concen: 40.547 ng
RT: 15.317 min Scan# 2081
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

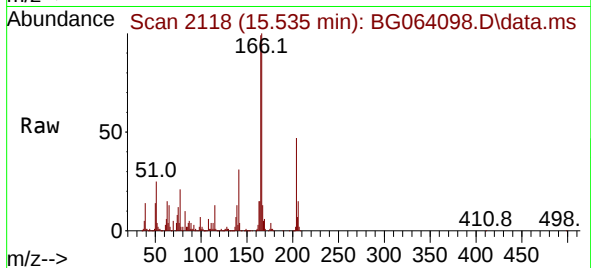
Tgt Ion:149 Resp: 385583
Ion Ratio Lower Upper
149 100
177 21.3 17.4 26.2
150 13.1 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 41.478 ng
RT: 15.535 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

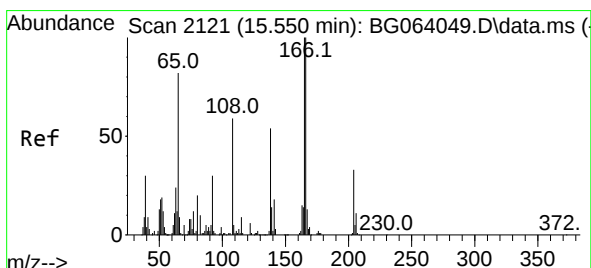
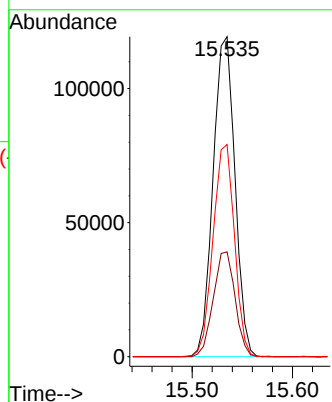
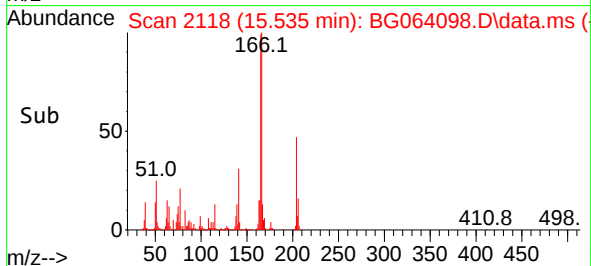
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:204 Resp: 180512
Ion Ratio Lower Upper
204 100
206 32.7 25.5 38.3
141 66.3 45.4 68.0

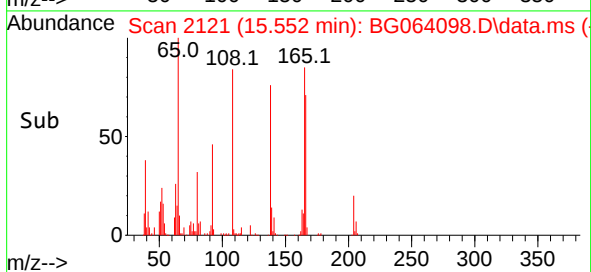
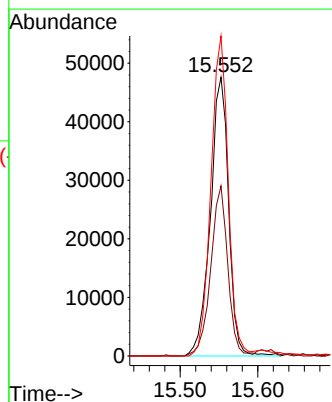
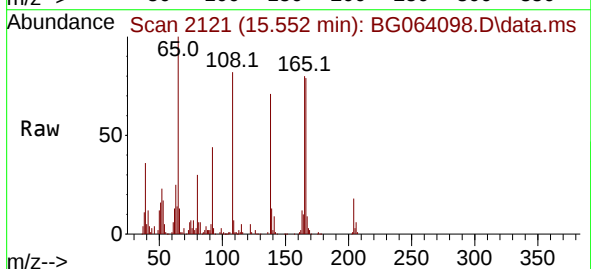
Manual Integrations
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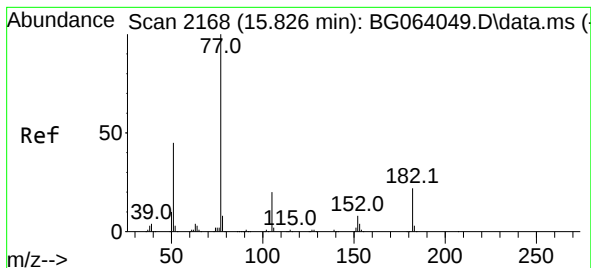
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#62
4-Nitroaniline
Concen: 42.597 ng
RT: 15.552 min Scan# 2121
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

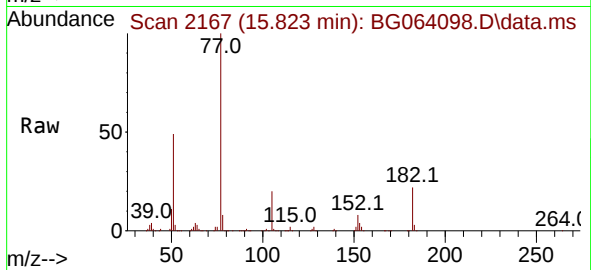
Tgt Ion:138 Resp: 77859
Ion Ratio Lower Upper
138 100
92 61.0 36.1 76.1
108 114.8 87.9 127.9





#63
Azobenzene
Concen: 43.901 ng
RT: 15.823 min Scan# 2167
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

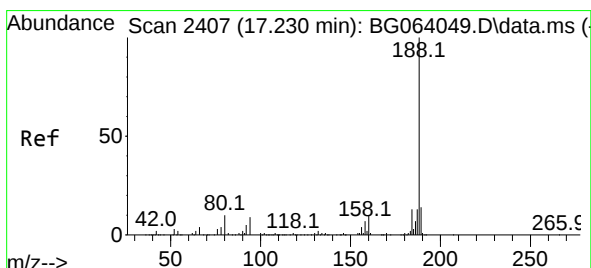
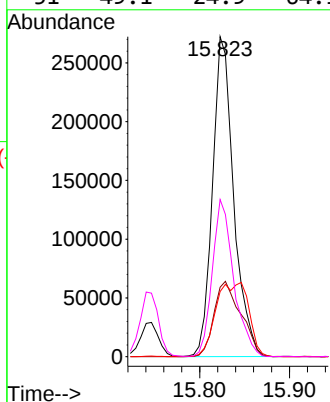
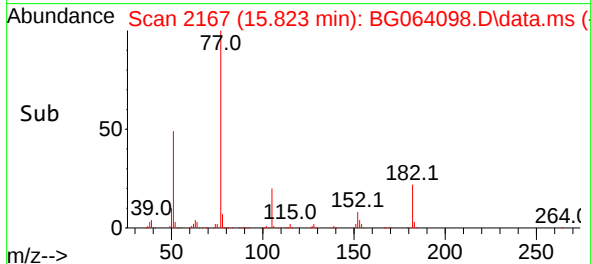
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion: 77 Resp: 44548
Ion Ratio Lower Upper
77 100
182 21.7 2.4 42.4
105 20.3 0.0 40.0
51 49.1 24.9 64.9

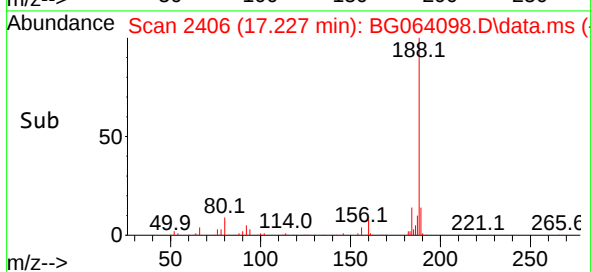
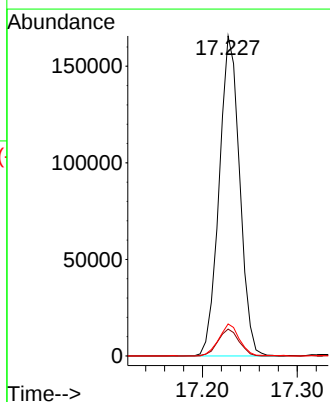
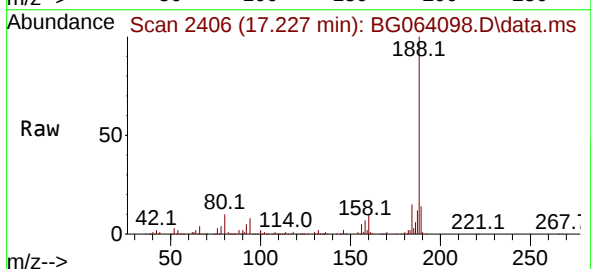
Manual Integrations
APPROVED

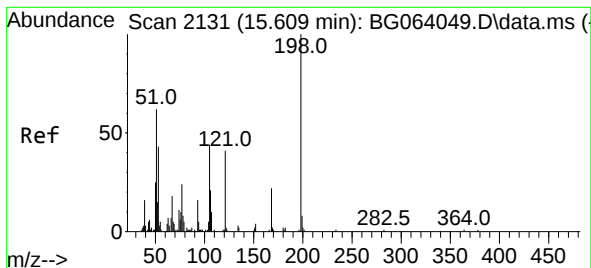
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

Tgt Ion:188 Resp: 249194
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 10.0 8.1 12.1





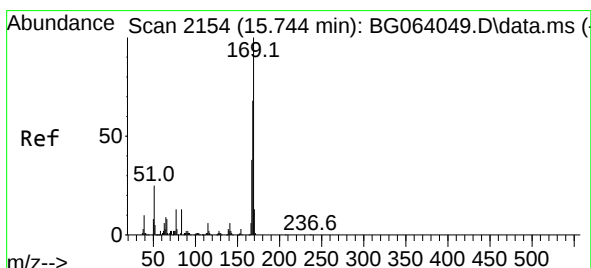
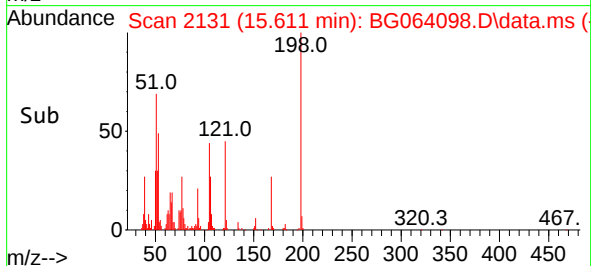
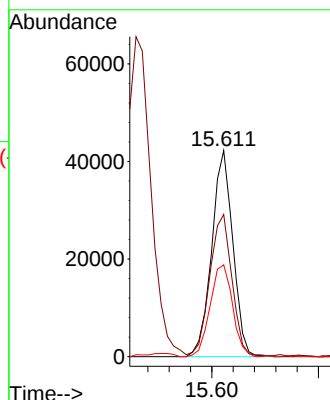
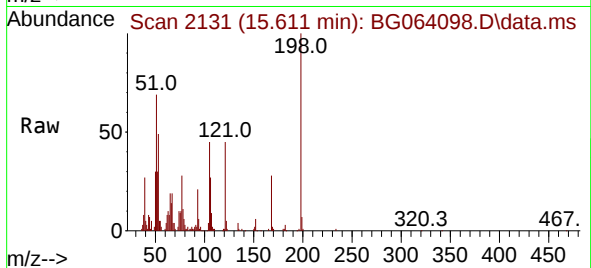
#65
4,6-Dinitro-2-methylphenol
Concen: 52.952 ng
RT: 15.611 min Scan# 2131
Delta R.T. 0.002 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS

Tgt Ion:198 Resp: 58100
Ion Ratio Lower Upper
198 100
51 69.0 45.6 85.6
105 44.5 25.3 65.3

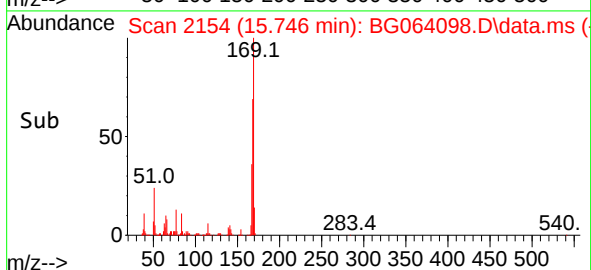
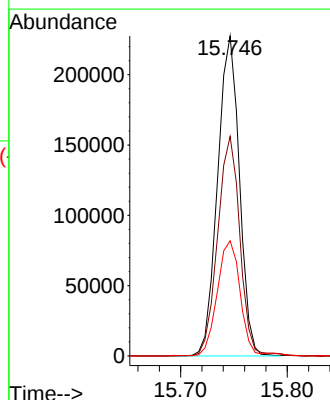
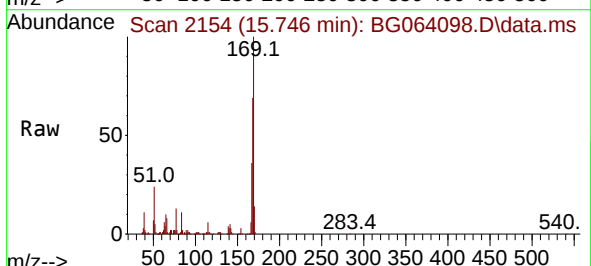
Manual Integrations
APPROVED

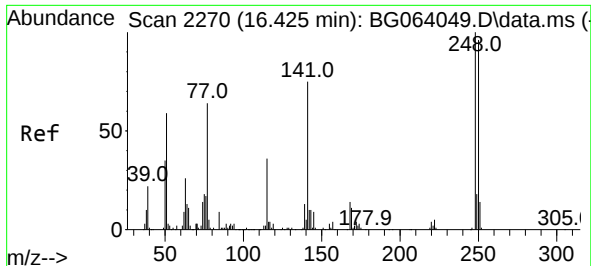
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#66
n-Nitrosodiphenylamine
Concen: 45.725 ng
RT: 15.746 min Scan# 2154
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

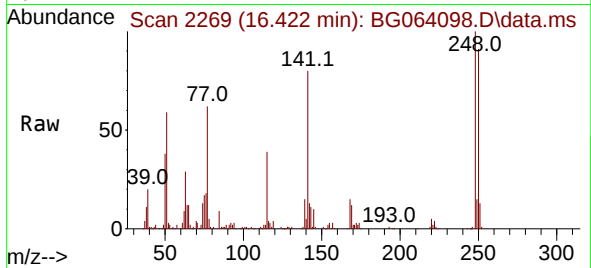
Tgt Ion:169 Resp: 322530
Ion Ratio Lower Upper
169 100
168 68.6 54.1 81.1
167 36.0 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 47.145 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

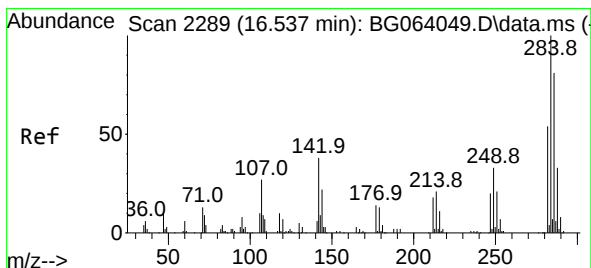
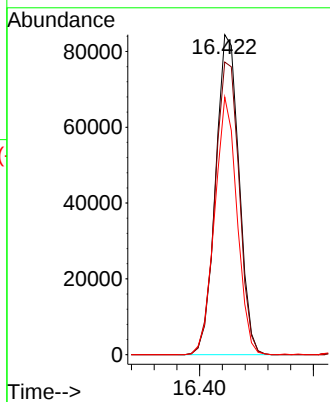
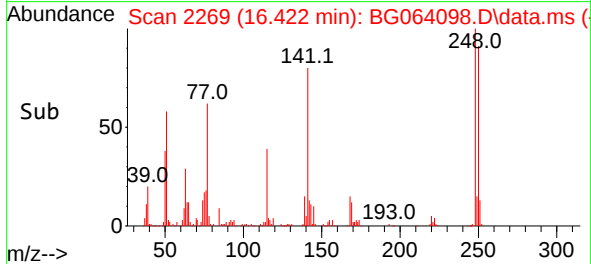
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



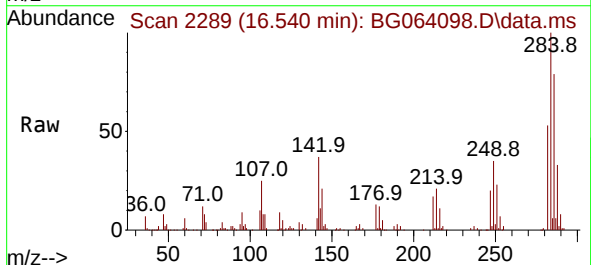
Tgt Ion:248 Resp: 12032
Ion Ratio Lower Upper
248 100
250 91.5 77.1 115.7
141 80.5 59.8 89.8

Manual Integrations
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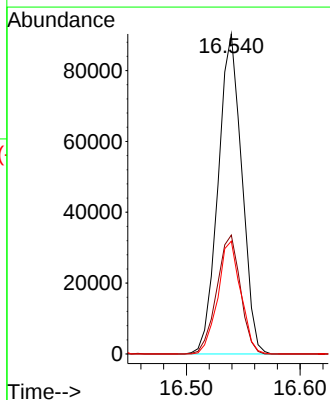
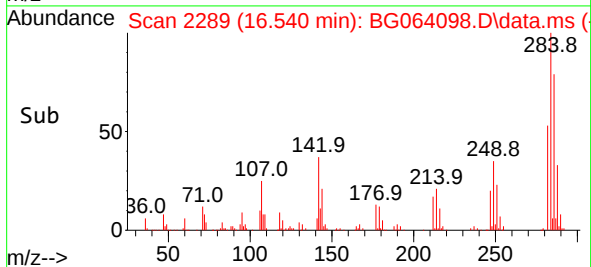
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

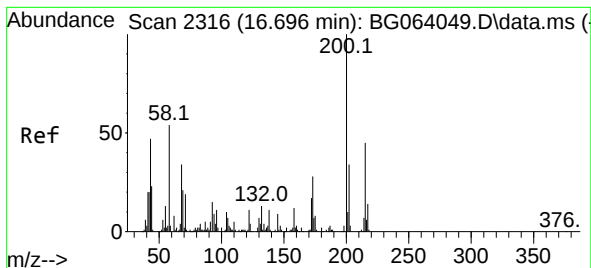


#68
Hexachlorobenzene
Concen: 45.826 ng
RT: 16.540 min Scan# 2289
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37



Tgt Ion:284 Resp: 130938
Ion Ratio Lower Upper
284 100
142 37.1 30.6 45.8
249 35.2 26.6 39.8





#69

Atrazine

Concen: 66.677 ng

RT: 16.698 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG064098.D

Acq: 11 Mar 2025 16:37

Instrument :

BNA_G

ClientSampleId :

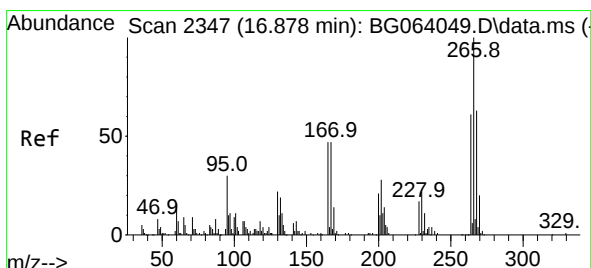
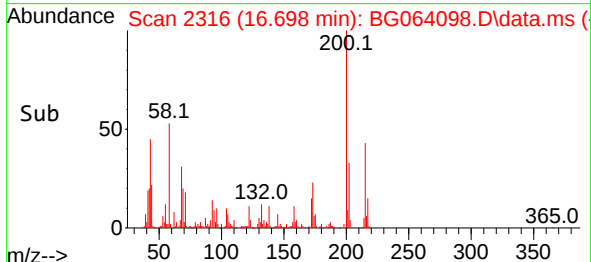
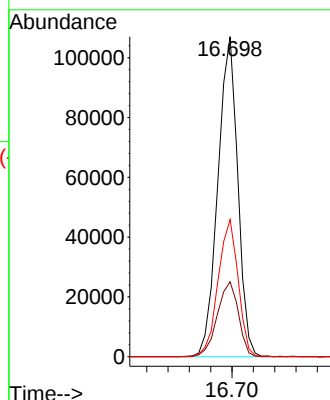
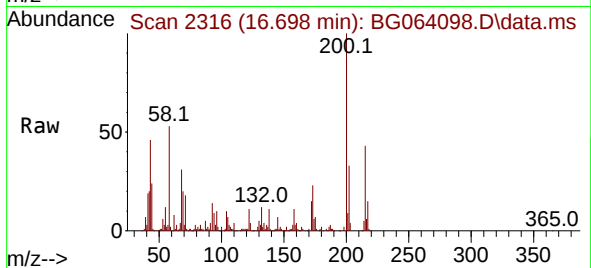
OR-363-COMP-18MS

Tgt Ion:200 Resp: 13838
 Ion Ratio Lower Upper
 200 100
 173 23.4 8.2 48.2
 215 42.8 25.5 65.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025



#70

Pentachlorophenol

Concen: 99.015 ng

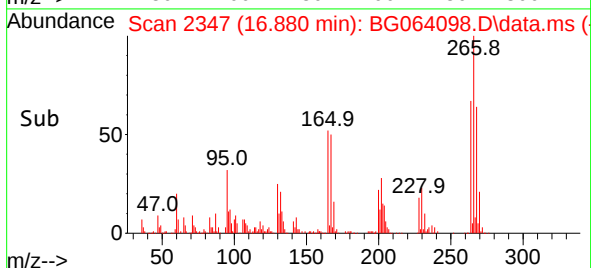
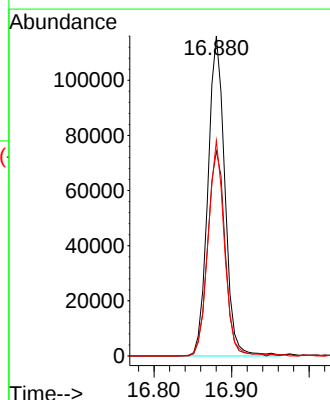
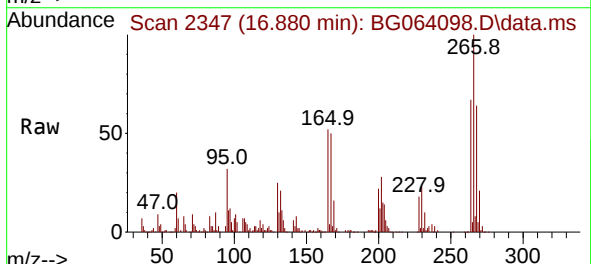
RT: 16.880 min Scan# 2347

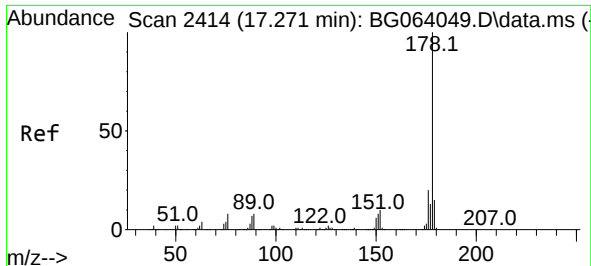
Delta R.T. 0.002 min

Lab File: BG064098.D

Acq: 11 Mar 2025 16:37

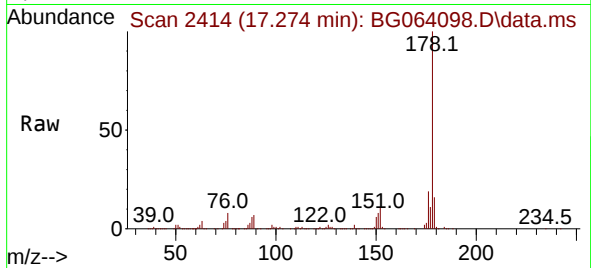
Tgt Ion:266 Resp: 175660
 Ion Ratio Lower Upper
 266 100
 268 64.1 50.2 75.4
 264 67.3 48.9 73.3





#71
Phenanthrene
Concen: 48.205 ng
RT: 17.274 min Scan# 2414
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

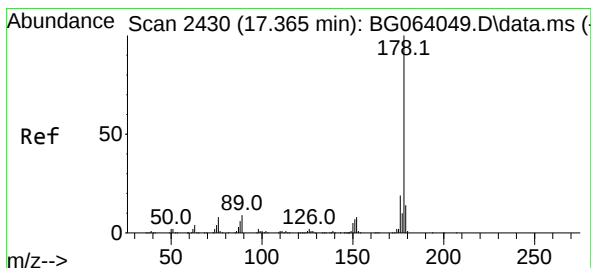
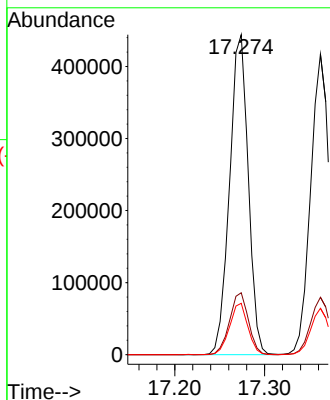
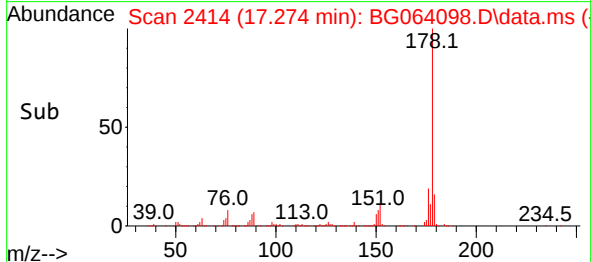
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:178 Resp: 640715
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 16.1 12.2 18.2

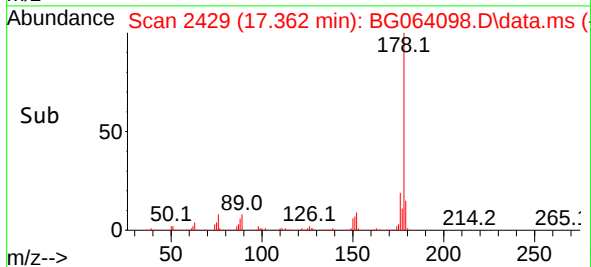
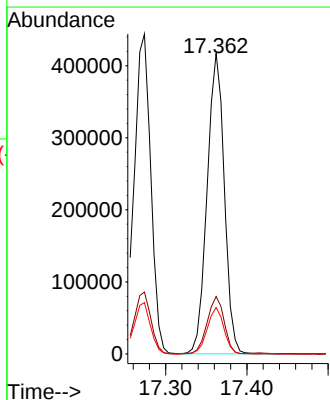
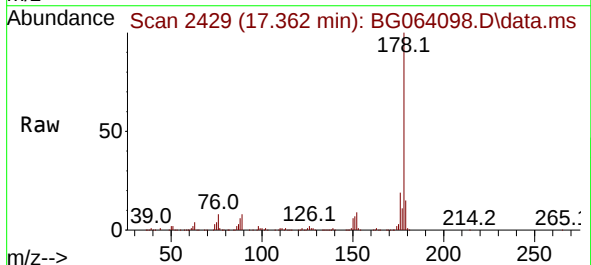
Manual Integrations
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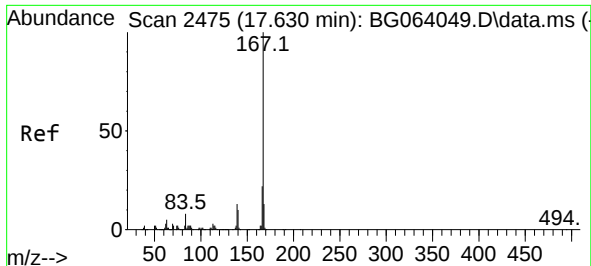
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#72
Anthracene
Concen: 46.185 ng
RT: 17.362 min Scan# 2429
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

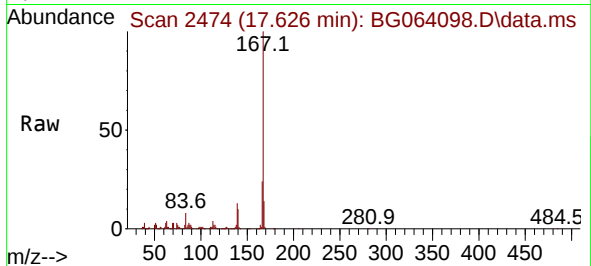
Tgt Ion:178 Resp: 610401
Ion Ratio Lower Upper
178 100
176 19.1 14.8 22.2
179 15.4 11.5 17.3





#73
 Carbazole
 Concen: 43.513 ng
 RT: 17.626 min Scan# 2475
 Delta R.T. -0.003 min
 Lab File: BG064098.D
 Acq: 11 Mar 2025 16:37

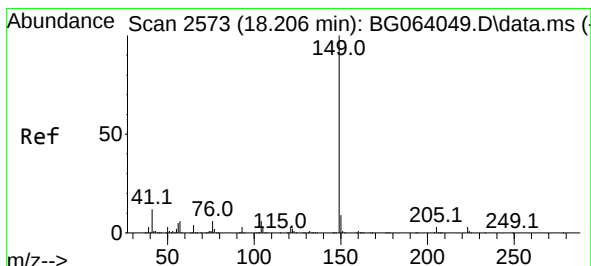
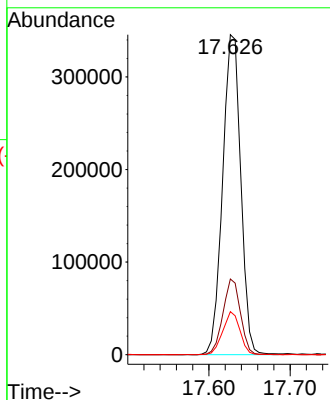
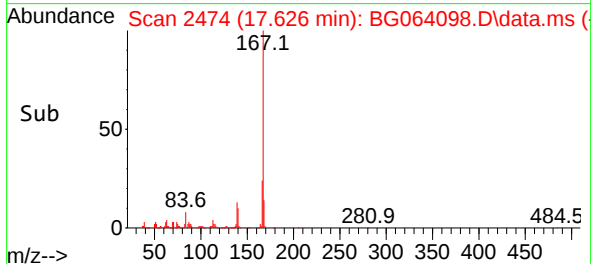
Instrument :
 BNA_G
 ClientSampleId :
 OR-363-COMP-18MS



Tgt Ion:167 Resp: 536938
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.0 27.0
 139 13.5 10.6 15.8

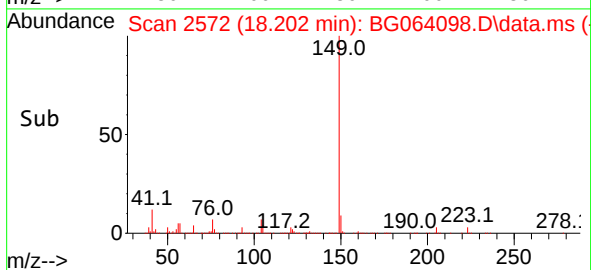
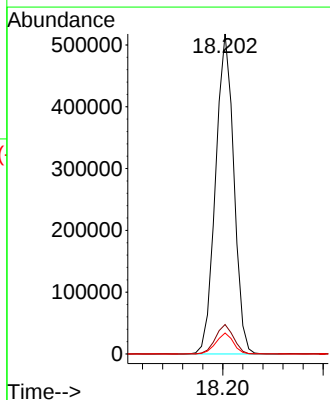
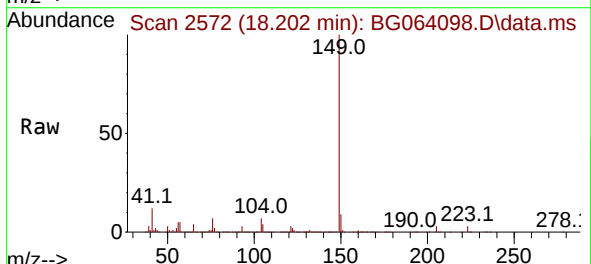
Manual Integrations
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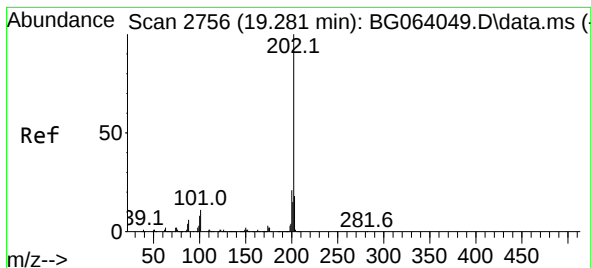
Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025



#74
 Di-n-butylphthalate
 Concen: 44.962 ng
 RT: 18.202 min Scan# 2572
 Delta R.T. -0.003 min
 Lab File: BG064098.D
 Acq: 11 Mar 2025 16:37

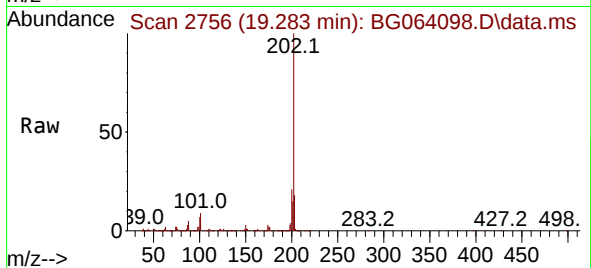
Tgt Ion:149 Resp: 653082
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 6.5 5.0 7.6





#75
Fluoranthene
Concen: 51.944 ng
RT: 19.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

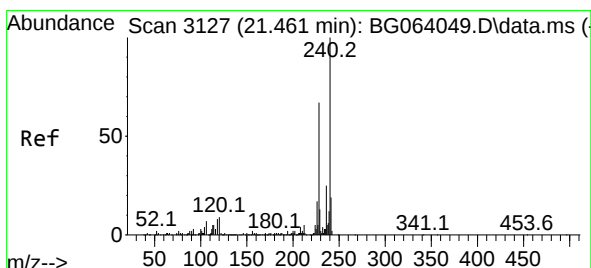
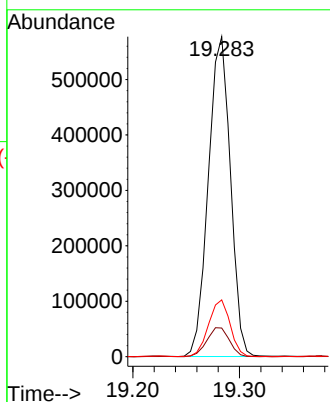
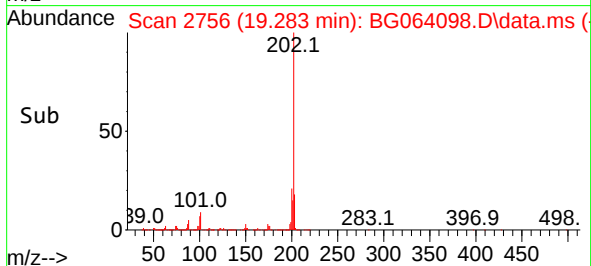
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:202 Resp: 83234
Ion Ratio Lower Upper
202 100
101 8.9 0.0 30.5
203 17.8 0.0 38.3

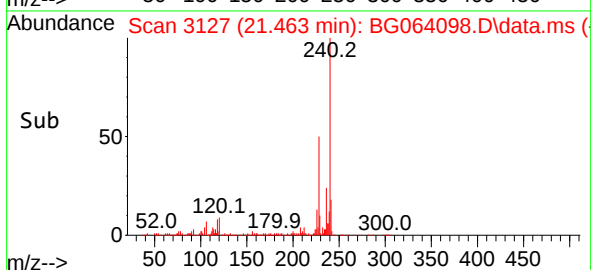
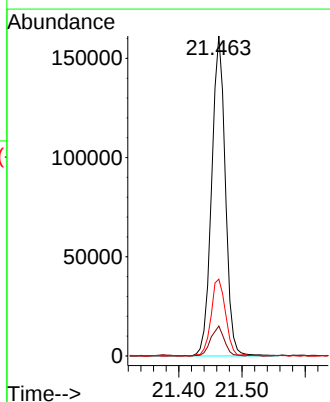
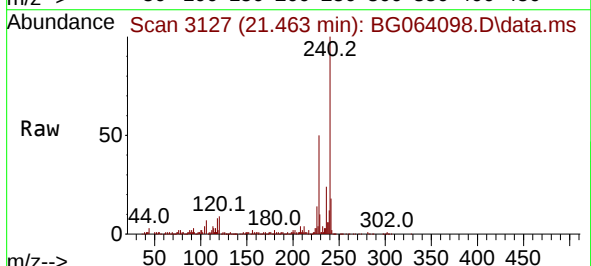
Manual Integrations
APPROVED

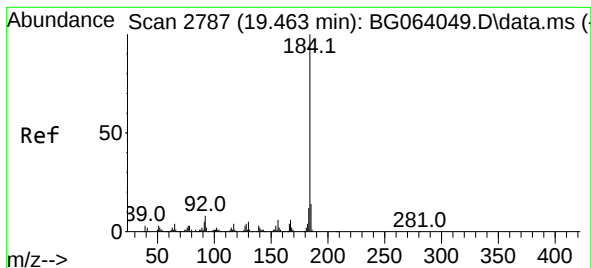
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.463 min Scan# 3127
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

Tgt Ion:240 Resp: 242542
Ion Ratio Lower Upper
240 100
120 9.4 7.2 10.8
236 24.0 20.2 30.2





#77

Benzidine

Concen: 48.120 ng

RT: 19.465 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG064098.D

Acq: 11 Mar 2025 16:37

Instrument :

BNA_G

ClientSampleId :

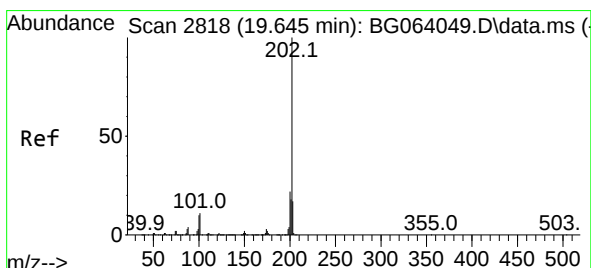
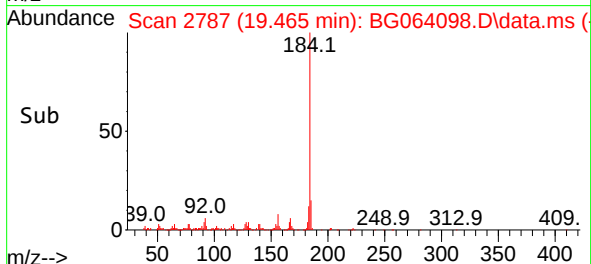
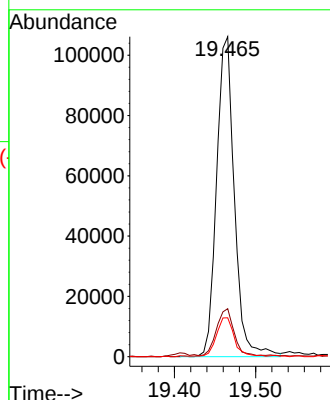
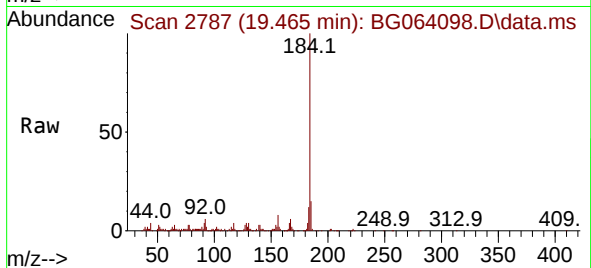
OR-363-COMP-18MS

Tgt Ion:184 Resp: 16161
 Ion Ratio Lower Upper
 184 100
 185 15.0 11.3 16.9
 183 12.1 9.5 14.3

Manual Integrations

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Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025



#78

Pyrene

Concen: 52.287 ng

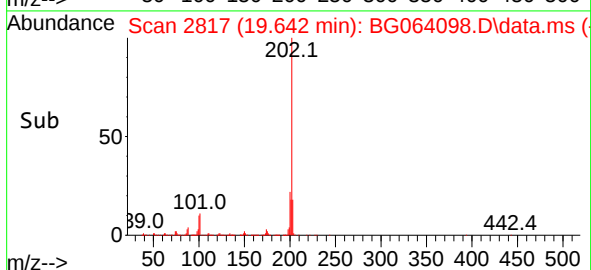
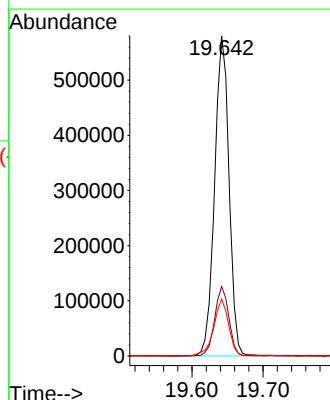
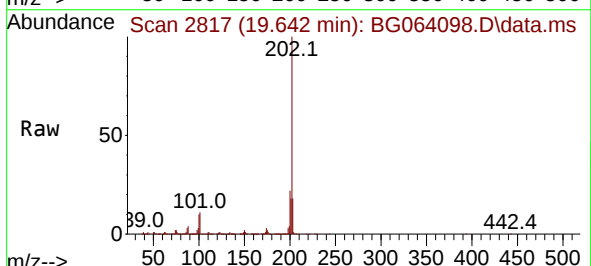
RT: 19.642 min Scan# 2817

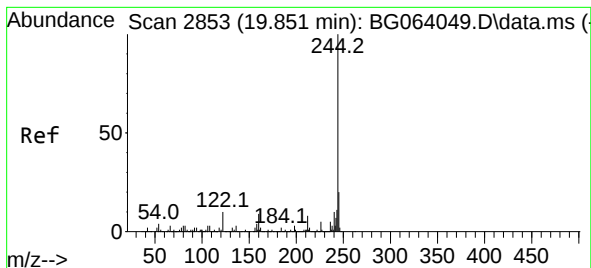
Delta R.T. -0.003 min

Lab File: BG064098.D

Acq: 11 Mar 2025 16:37

Tgt Ion:202 Resp: 817498
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.3 25.9
 203 17.8 13.6 20.4





#79

Terphenyl-d14

Concen: 63.174 ng

RT: 19.847 min Scan# 2853

Delta R.T. -0.003 min

Lab File: BG064098.D

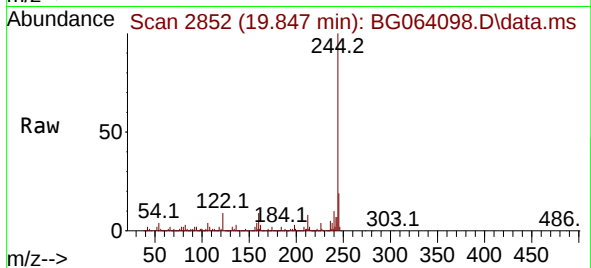
Acq: 11 Mar 2025 16:37

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MS



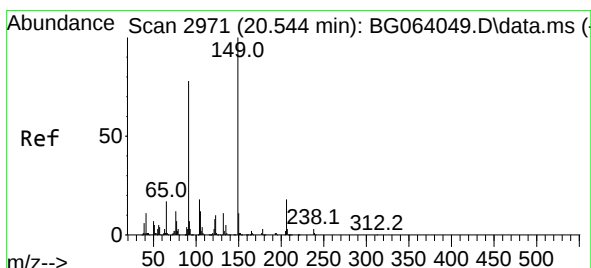
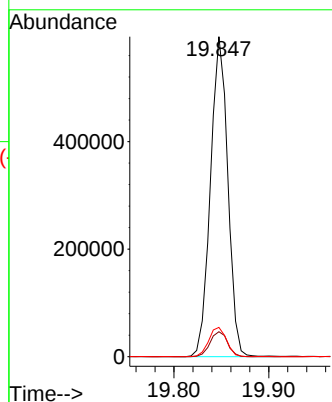
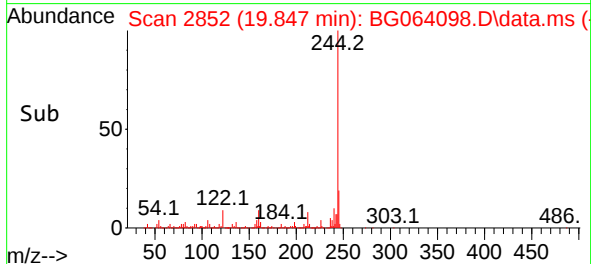
Tgt Ion:244 Resp: 75778

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	9.2	8.0	12.0

Manual Integrations

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Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#80

Butylbenzylphthalate

Concen: 49.344 ng

RT: 20.547 min Scan# 2971

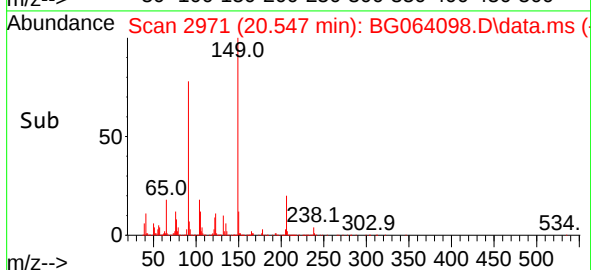
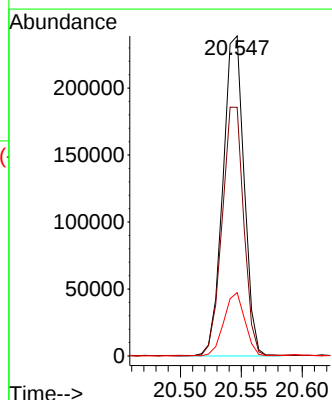
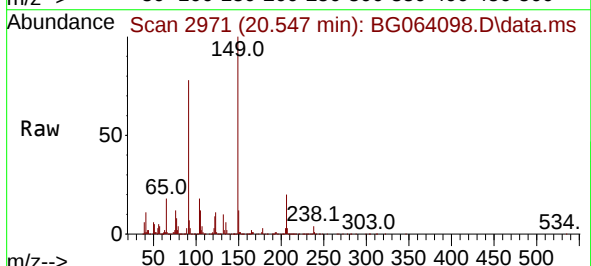
Delta R.T. 0.003 min

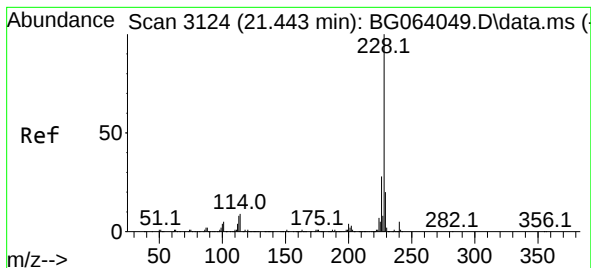
Lab File: BG064098.D

Acq: 11 Mar 2025 16:37

Tgt Ion:149 Resp: 290140

Ion	Ratio	Lower	Upper
149	100		
91	77.7	62.0	93.0
206	19.8	14.6	21.8





#81

Benzo(a)anthracene

Concen: 49.568 ng

RT: 21.446 min Scan# 3110

Delta R.T. 0.003 min

Lab File: BG064098.D

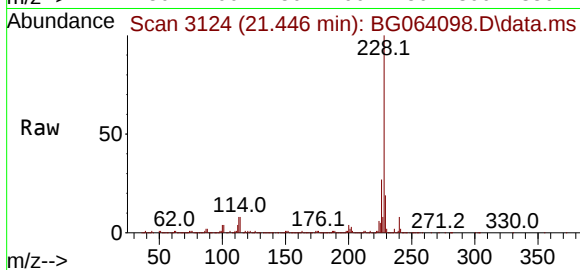
Acq: 11 Mar 2025 16:37

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MS



Tgt Ion:228 Resp: 77011

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

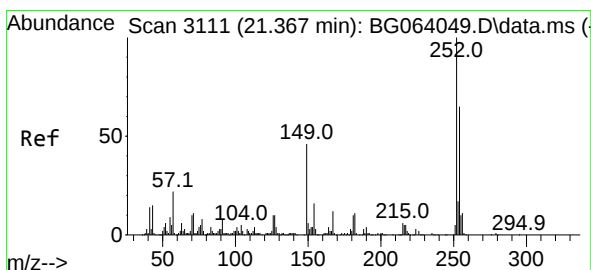
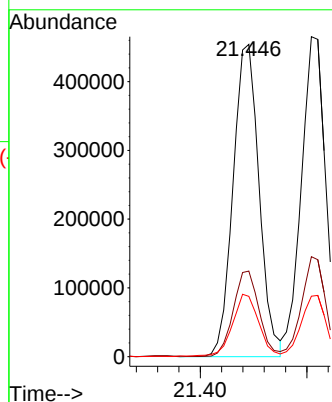
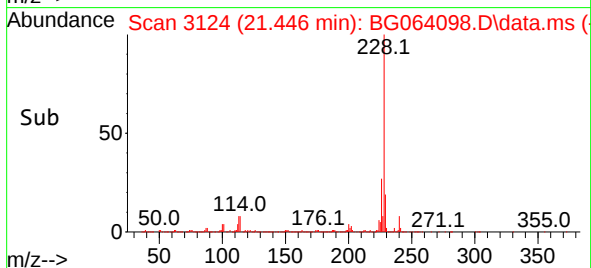
229 19.3 16.4 24.6

Manual Integrations

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Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#82

3,3'-Dichlorobenzidine

Concen: 21.960 ng

RT: 21.363 min Scan# 3110

Delta R.T. -0.003 min

Lab File: BG064098.D

Acq: 11 Mar 2025 16:37

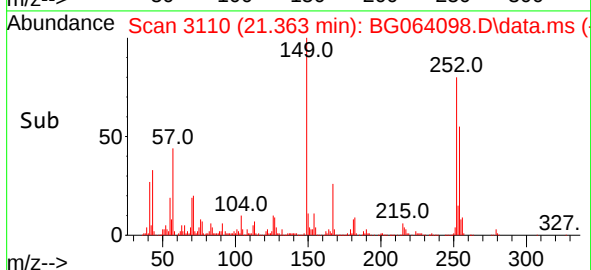
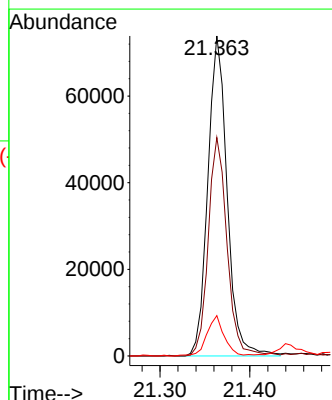
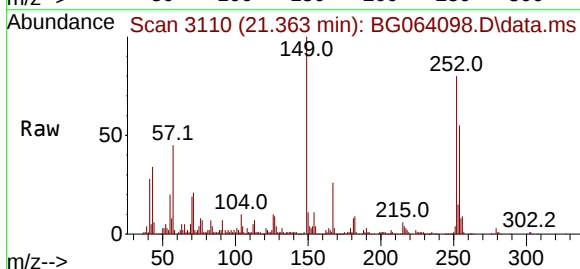
Tgt Ion:252 Resp: 110418

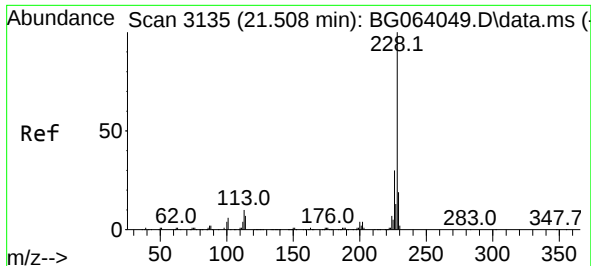
Ion Ratio Lower Upper

252 100

254 68.2 52.1 78.1

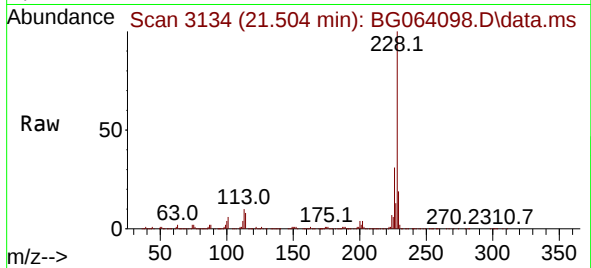
126 12.6 7.8 11.8#





#83
Chrysene
Concen: 47.188 ng
RT: 21.504 min Scan# 3113
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

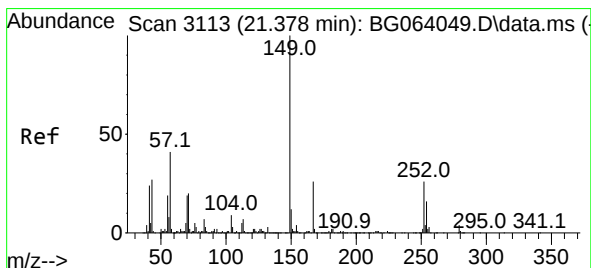
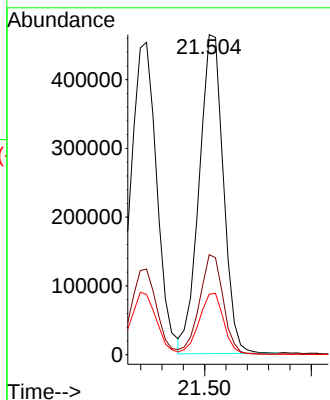
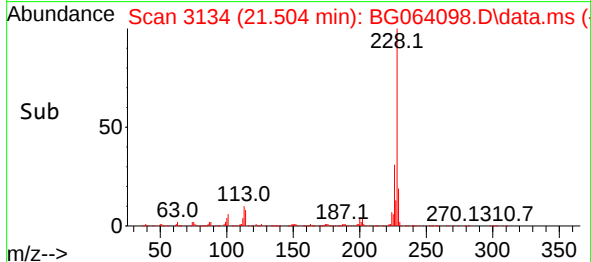
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:228 Resp: 73120
Ion Ratio Lower Upper
228 100
226 31.2 23.9 35.9
229 18.9 15.3 22.9

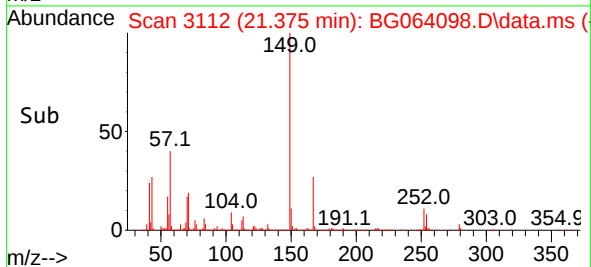
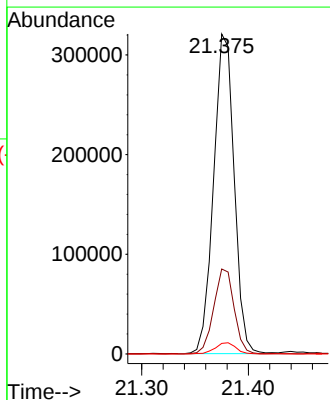
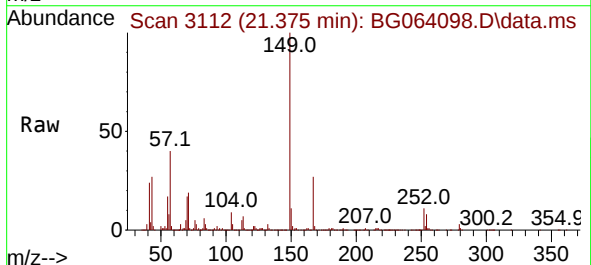
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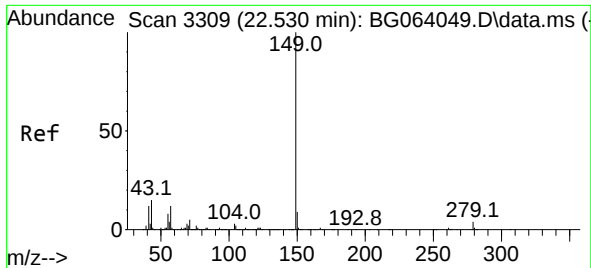
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.061 ng
RT: 21.375 min Scan# 3112
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

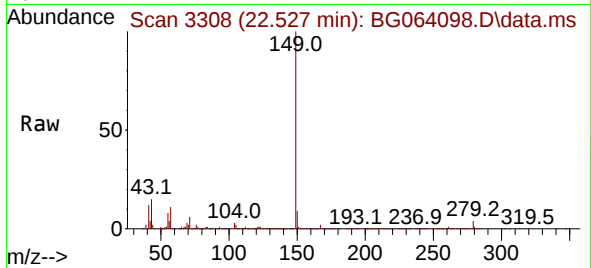
Tgt Ion:149 Resp: 429038
Ion Ratio Lower Upper
149 100
167 26.6 21.0 31.6
279 3.3 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 50.505 ng
RT: 22.527 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

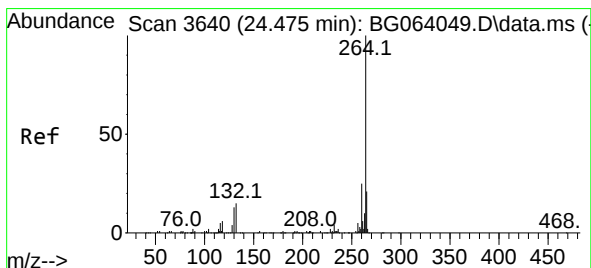
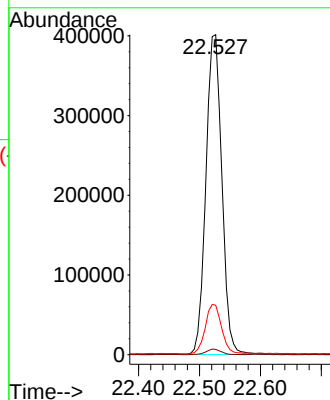
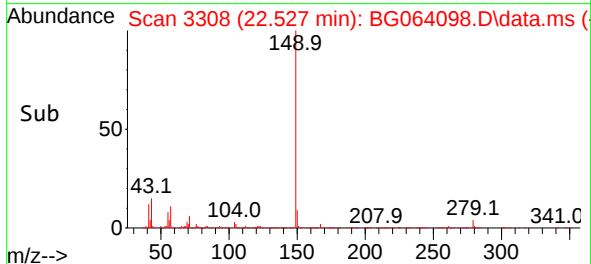
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:149 Resp: 731972
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 15.7 12.6 19.0

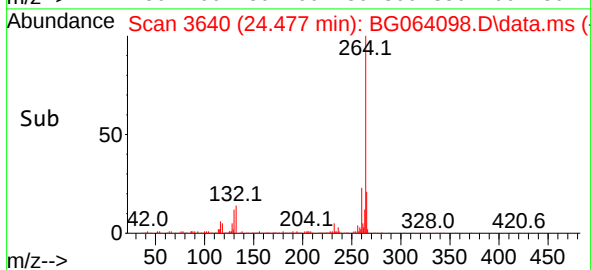
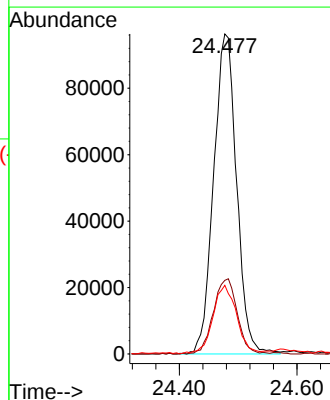
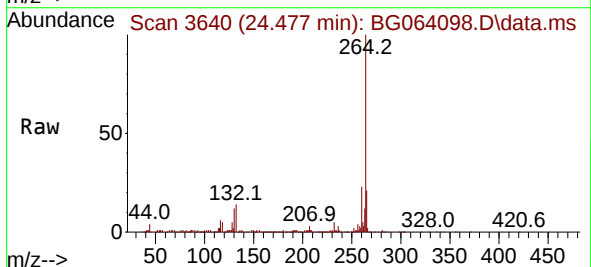
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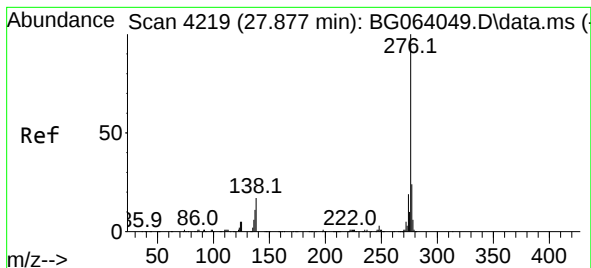
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3640
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

Tgt Ion:264 Resp: 260777
Ion Ratio Lower Upper
264 100
260 23.0 19.6 29.4
265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.468 ng

RT: 27.879 min Scan# 4219

Delta R.T. 0.003 min

Lab File: BG064098.D

Acq: 11 Mar 2025 16:37

Instrument :

BNA_G

ClientSampleId :

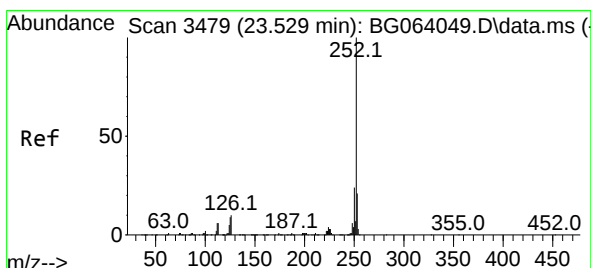
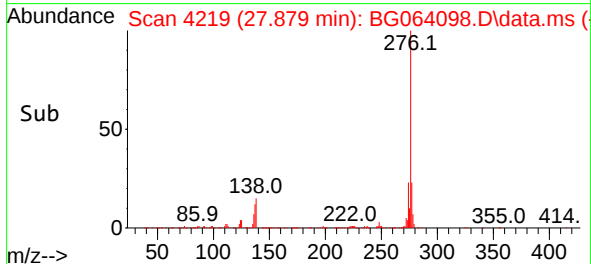
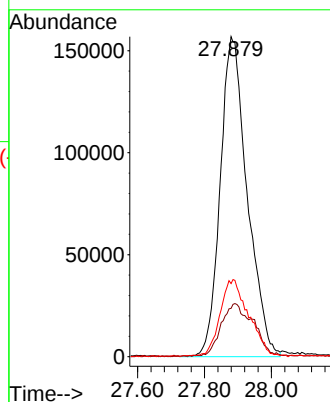
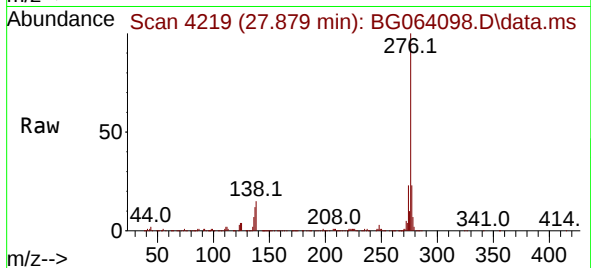
OR-363-COMP-18MS

Tgt Ion:276 Resp: 880561
 Ion Ratio Lower Upper
 276 100
 138 18.9 12.1 18.1
 277 25.9 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025



#88

Benzo(b)fluoranthene

Concen: 49.833 ng

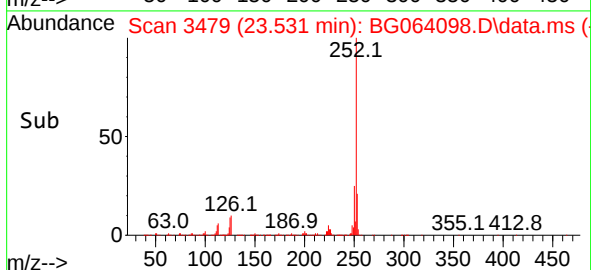
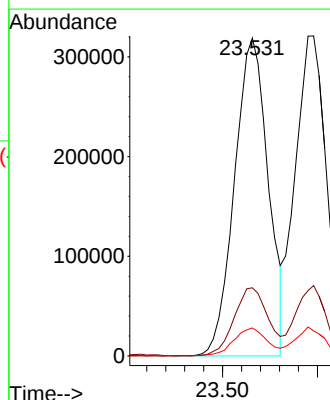
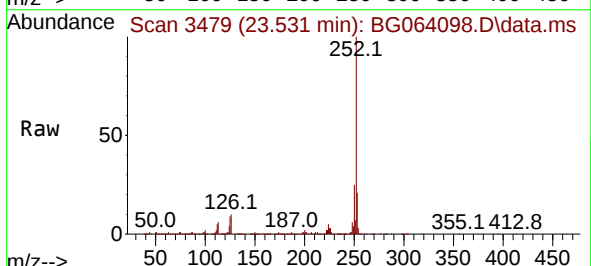
RT: 23.531 min Scan# 3479

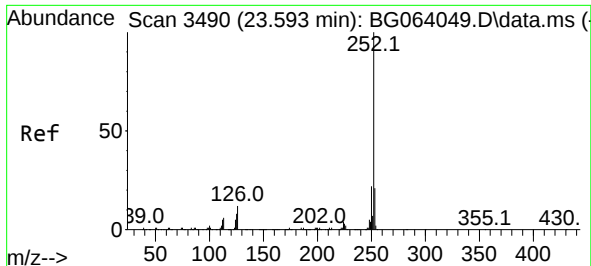
Delta R.T. 0.003 min

Lab File: BG064098.D

Acq: 11 Mar 2025 16:37

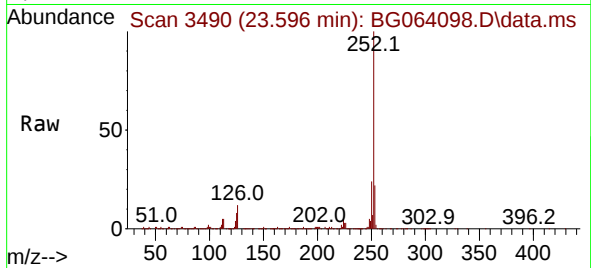
Tgt Ion:252 Resp: 785611
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.0 25.4
 125 8.8 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 47.295 ng
RT: 23.596 min Scan# 3490
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

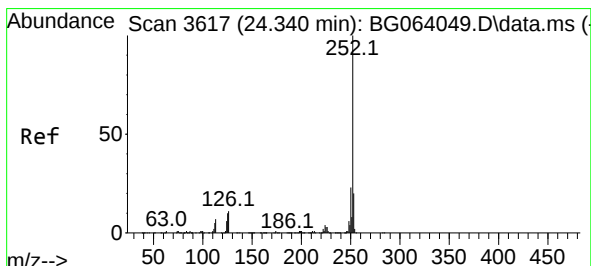
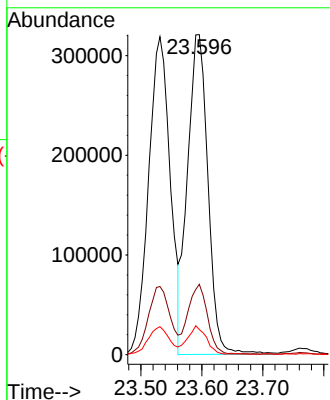
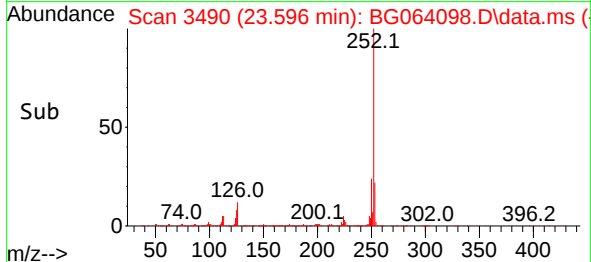
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MS



Tgt Ion:252 Resp: 747994
Ion Ratio Lower Upper
252 100
253 22.0 16.8 25.2
125 7.9 6.9 10.3

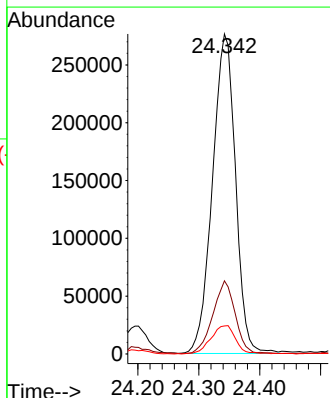
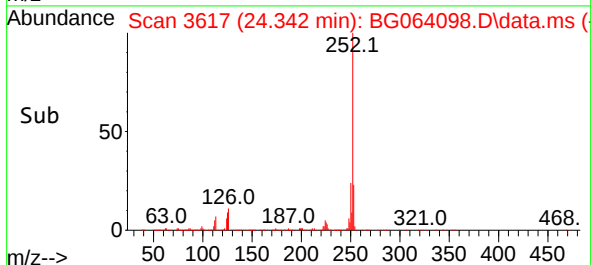
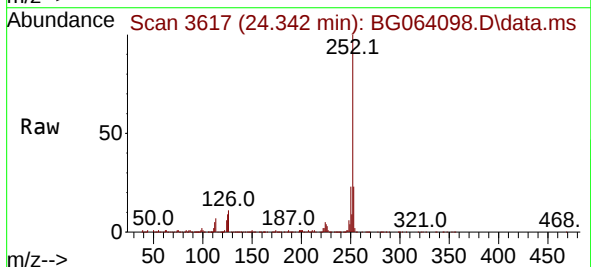
Manual Integrations
APPROVED

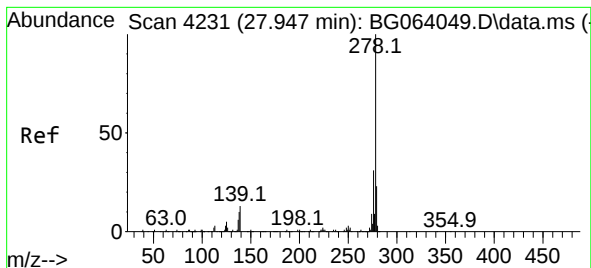
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#90
Benzo(a)pyrene
Concen: 51.693 ng
RT: 24.342 min Scan# 3617
Delta R.T. 0.003 min
Lab File: BG064098.D
Acq: 11 Mar 2025 16:37

Tgt Ion:252 Resp: 725778
Ion Ratio Lower Upper
252 100
253 22.8 16.2 24.2
125 8.8 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 46.846 ng

RT: 27.950 min Scan# 41

Delta R.T. 0.003 min

Lab File: BG064098.D

Acq: 11 Mar 2025 16:37

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MS

Tgt Ion:278 Resp: 67763

Ion Ratio Lower Upper

278 100

139 13.0 10.2 15.2

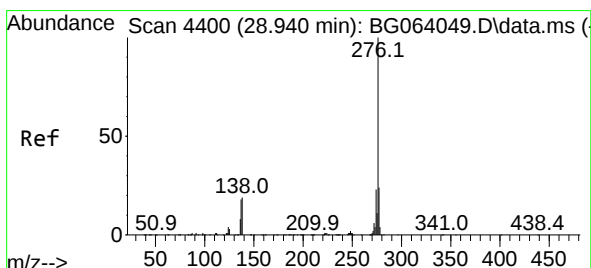
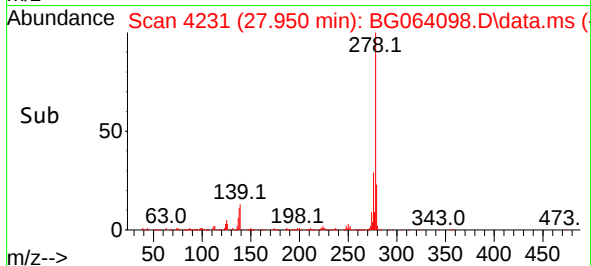
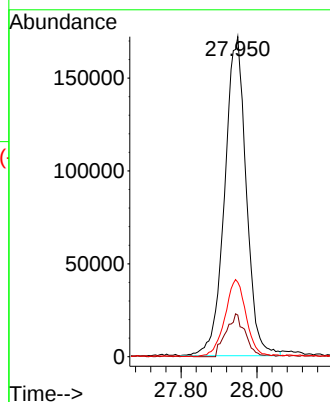
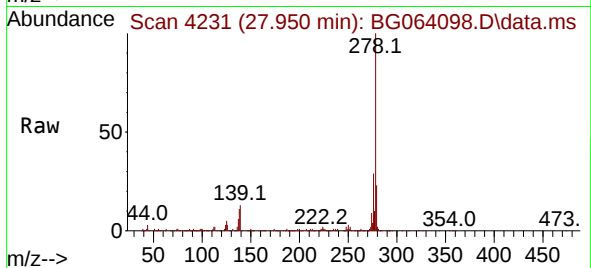
279 23.3 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#92

Benzo(g,h,i)perylene

Concen: 46.778 ng

RT: 28.948 min Scan# 4401

Delta R.T. 0.008 min

Lab File: BG064098.D

Acq: 11 Mar 2025 16:37

Tgt Ion:276 Resp: 694719

Ion Ratio Lower Upper

276 100

277 23.4 19.5 29.3

138 16.6 15.4 23.0

