

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064099.D
 Acq On : 11 Mar 2025 17:18
 Operator : RC/JU
 Sample : Q1534-13MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 11 18:03:21 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	7.862	152	36861	20.000	ng	0.00
21) Naphthalene-d8	10.653	136	160546	20.000	ng	0.00
39) Acenaphthene-d10	14.489	164	104879	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	227860	20.000	ng	0.00
76) Chrysene-d12	21.464	240	229044	20.000	ng	0.00
86) Perylene-d12	24.478	264	250751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.453	112	257007	108.869	ng	0.00
7) Phenol-d6	7.033	99	338622	105.442	ng	0.00
23) Nitrobenzene-d5	9.019	82	230571	79.365	ng	0.00
42) 2,4,6-Tribromophenol	15.976	330	145133	124.492	ng	0.00
45) 2-Fluorobiphenyl	13.115	172	456868	66.121	ng	0.00
79) Terphenyl-d14	19.848	244	717970	63.382	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.373	88	41064	38.382	ng	96
3) Pyridine	3.761	79	94458	36.303	ng	99
4) n-Nitrosodimethylamine	3.679	42	80131	43.104	ng	95
6) Aniline	7.192	93	57045	18.102	ng	93
8) 2-Chlorophenol	7.433	128	116852	46.088	ng	96
9) Benzaldehyde	7.004	77	37059	19.841	ng	98
10) Phenol	7.063	94	150432	45.751	ng	97
11) bis(2-Chloroethyl)ether	7.292	93	104304	40.463	ng	97
12) 1,3-Dichlorobenzene	7.756	146	119172	42.803	ng	98
13) 1,4-Dichlorobenzene	7.897	146	122364	42.877	ng	95
14) 1,2-Dichlorobenzene	8.214	146	118987	43.239	ng	99
15) Benzyl Alcohol	8.097	79	112956	45.516	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.391	45	244099	42.113	ng	99
17) 2-Methylphenol	8.303	107	99955	45.804	ng	97
18) Hexachloroethane	8.943	117	47128	47.200	ng	98
19) n-Nitroso-di-n-propyla...	8.667	70	91078	40.411	ng	98
20) 3+4-Methylphenols	8.632	107	133843	44.551	ng	90
22) Acetophenone	8.679	105	198932	45.193	ng	98
24) Nitrobenzene	9.060	77	136810	45.567	ng	94
25) Isophorone	9.583	82	248401	42.718	ng	96
26) 2-Nitrophenol	9.766	139	55617	52.437	ng	# 90
27) 2,4-Dimethylphenol	9.830	122	102529	58.817	ng	97
28) bis(2-Chloroethoxy)met...	10.065	93	142907	40.536	ng	97
29) 2,4-Dichlorophenol	10.300	162	104851	47.634	ng	97
30) 1,2,4-Trichlorobenzene	10.518	180	113058	42.548	ng	97
31) Naphthalene	10.700	128	362504	41.874	ng	99
32) Benzoic acid	9.983	122	90041m	54.756	ng	
33) 4-Chloroaniline	10.806	127	35869	11.336	ng	97
34) Hexachlorobutadiene	10.994	225	78334	44.976	ng	94
35) Caprolactam	11.575	113	39362m	46.664	ng	
36) 4-Chloro-3-methylphenol	11.934	107	129912	45.025	ng	99
37) 2-Methylnaphthalene	12.310	142	245425	40.157	ng	96
38) 1-Methylnaphthalene	12.533	142	244859	40.895	ng	100
40) 1,2,4,5-Tetrachloroben...	12.680	216	143931	48.070	ng	94
41) Hexachlorocyclopentadiene	12.662	237	135304	160.555	ng	95
43) 2,4,6-Trichlorophenol	12.915	196	90364	51.206	ng	99

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Instrument :
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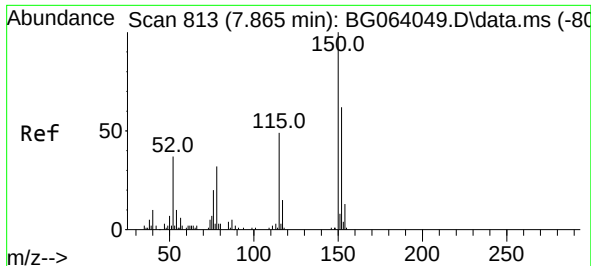
Manual Integrations
 APPROVED

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

Quant Time: Mar 11 18:03:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.991	196	97812	49.883	ng	98
46) 1,1'-Biphenyl	13.326	154	379279	47.866	ng	99
47) 2-Chloronaphthalene	13.361	162	259884	44.970	ng	98
48) 2-Nitroaniline	13.561	65	96480	49.877	ng	95
49) Acenaphthylene	14.207	152	420136	45.963	ng	100
50) Dimethylphthalate	13.949	163	324105	41.864	ng	100
51) 2,6-Dinitrotoluene	14.061	165	69016	44.226	ng	93
52) Acenaphthene	14.554	154	267447	43.598	ng	96
53) 3-Nitroaniline	14.384	138	38826	25.948	ng	100
54) 2,4-Dinitrophenol	14.595	184	71498	106.308	ng	# 71
55) Dibenzofuran	14.889	168	411899	41.448	ng	99
56) 4-Nitrophenol	14.701	139	133216	106.157	ng	92
57) 2,4-Dinitrotoluene	14.848	165	103560	47.802	ng	# 98
58) Fluorene	15.535	166	332059	42.901	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.112	232	93038	48.670	ng	# 94
60) Diethylphthalate	15.318	149	343845	40.912	ng	99
61) 4-Chlorophenyl-phenyle...	15.535	204	160637	41.764	ng	93
62) 4-Nitroaniline	15.553	138	68896	42.648	ng	92
63) Azobenzene	15.823	77	410064	45.723	ng	97
65) 4,6-Dinitro-2-methylph...	15.606	198	51090	51.236	ng	95
66) n-Nitrosodiphenylamine	15.747	169	290857	45.095	ng	97
67) 4-Bromophenyl-phenylether	16.422	248	106964	45.834	ng	96
68) Hexachlorobenzene	16.540	284	119434	45.713	ng	96
69) Atrazine	16.699	200	125547	66.156	ng	94
70) Pentachlorophenol	16.881	266	165181	101.826	ng	99
71) Phenanthrene	17.269	178	593381	48.824	ng	99
72) Anthracene	17.363	178	561767	46.485	ng	98
73) Carbazole	17.627	167	506551	44.894	ng	99
74) Di-n-butylphthalate	18.203	149	600944	45.246	ng	99
75) Fluoranthene	19.284	202	779571	53.206	ng	98
77) Benzidine	19.460	184	171089	53.944	ng	99
78) Pyrene	19.642	202	782598	53.005	ng	99
80) Butylbenzylphthalate	20.541	149	279315	50.232	ng	96
81) Benzo(a)anthracene	21.446	228	746275	50.864	ng	99
82) 3,3'-Dichlorobenzidine	21.364	252	122574	25.814	ng	99
83) Chrysene	21.505	228	723205	49.422	ng	99
84) Bis(2-ethylhexyl)phtha...	21.375	149	411903	51.911	ng	99
85) Di-n-octyl phthalate	22.521	149	708631	51.776	ng	100
87) Indeno(1,2,3-cd)pyrene	27.885	276	841394	50.151	ng	# 95
88) Benzo(b)fluoranthene	23.532	252	753441	49.703	ng	99
89) Benzo(k)fluoranthene	23.596	252	722579	47.515	ng	97
90) Benzo(a)pyrene	24.343	252	705169	52.234	ng	98
91) Dibenzo(a,h)anthracene	27.944	278	654641	47.066	ng	98
92) Benzo(g,h,i)perylene	28.949	276	676156	47.348	ng	96

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



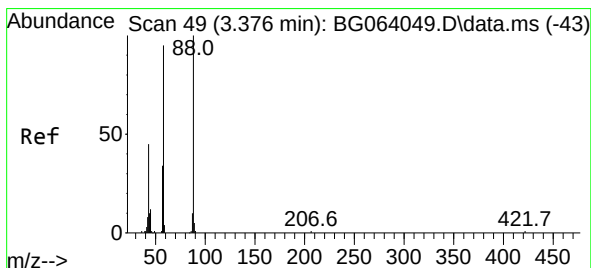
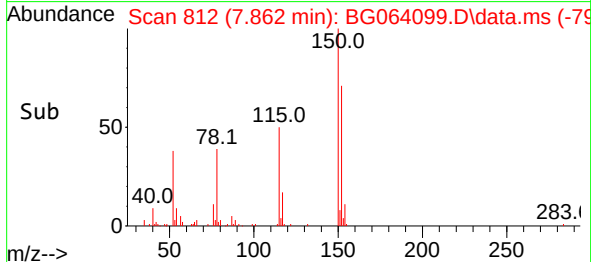
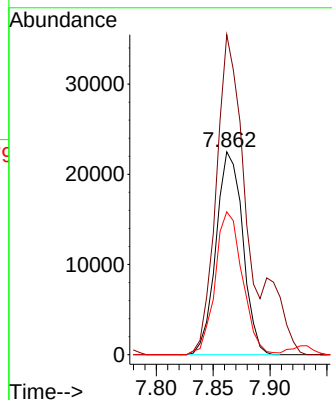
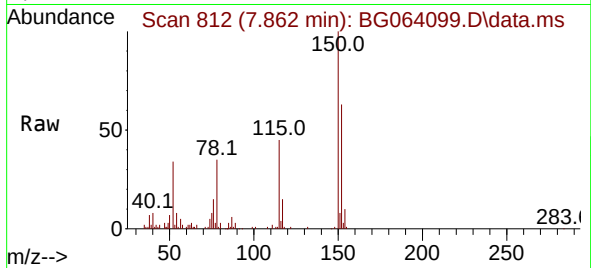
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

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

Tgt Ion:152 Resp: 3686
Ion Ratio Lower Upper
152 100
150 157.7 129.2 193.8
115 70.4 63.0 94.6

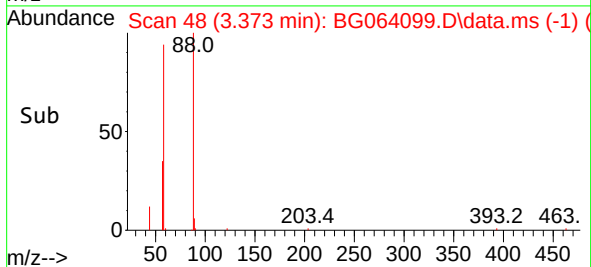
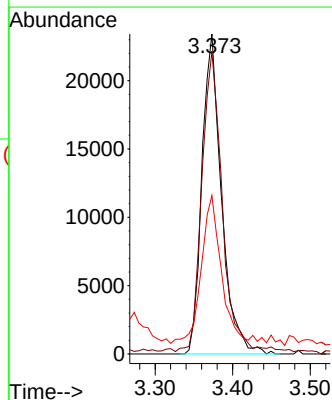
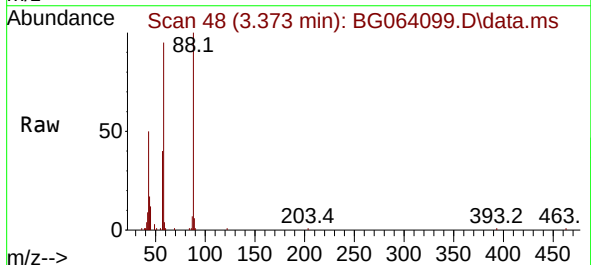
Manual Integrations
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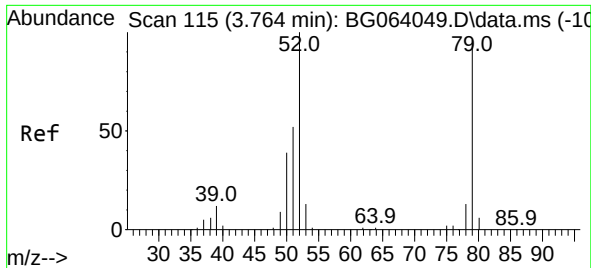
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#2
1,4-Dioxane
Concen: 38.382 ng
RT: 3.373 min Scan# 48
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

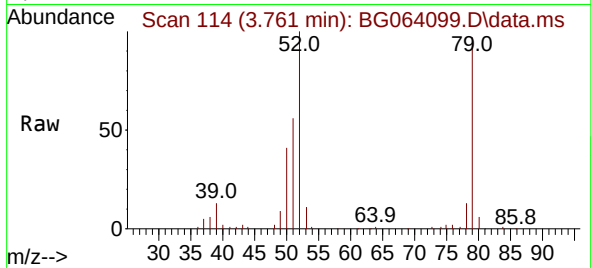
Tgt Ion: 88 Resp: 41064
Ion Ratio Lower Upper
88 100
58 97.8 74.6 111.8
43 46.9 35.5 53.3





#3
Pyridine
Concen: 36.303 ng
RT: 3.761 min Scan# 115
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

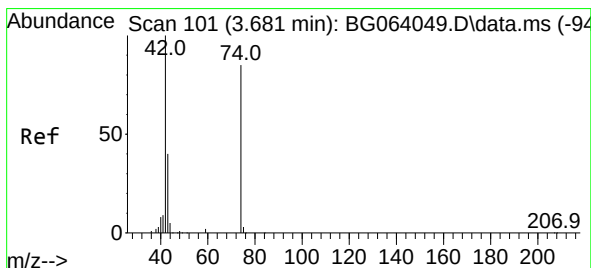
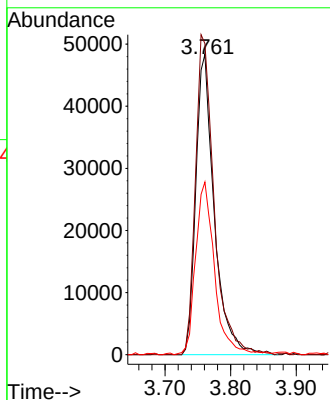
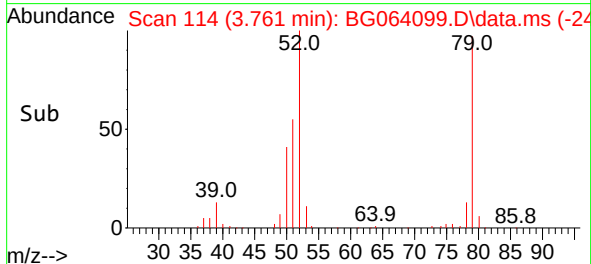
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion: 79 Resp: 94458
Ion Ratio Lower Upper
79 100
52 103.6 83.0 124.6
51 57.5 44.3 66.5

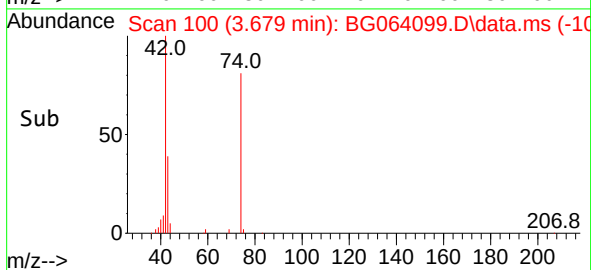
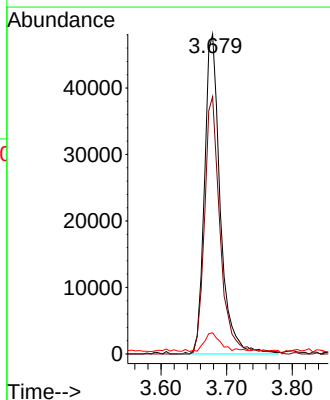
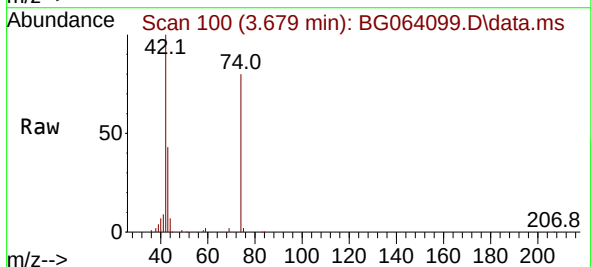
Manual Integrations
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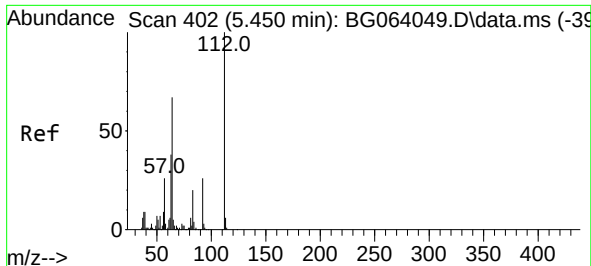
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#4
n-Nitrosodimethylamine
Concen: 43.104 ng
RT: 3.679 min Scan# 100
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

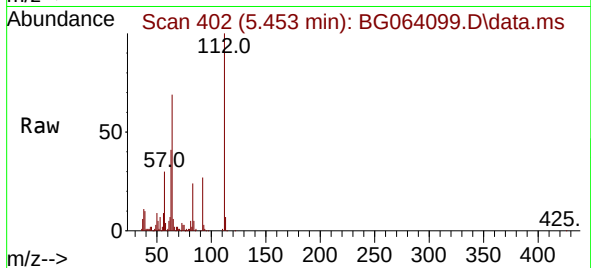
Tgt Ion: 42 Resp: 80131
Ion Ratio Lower Upper
42 100
74 80.4 68.0 102.0
44 6.6 4.9 7.3





#5
2-Fluorophenol
Concen: 108.869 ng
RT: 5.453 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

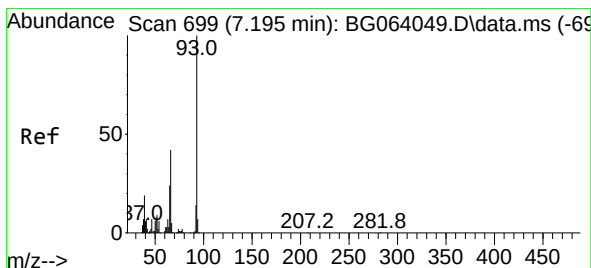
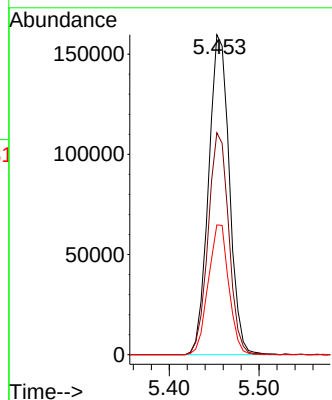
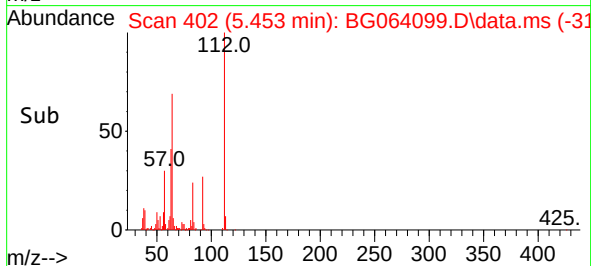
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion:112 Resp: 25700
Ion Ratio Lower Upper
112 100
64 69.3 53.7 80.5
63 40.5 30.2 45.4

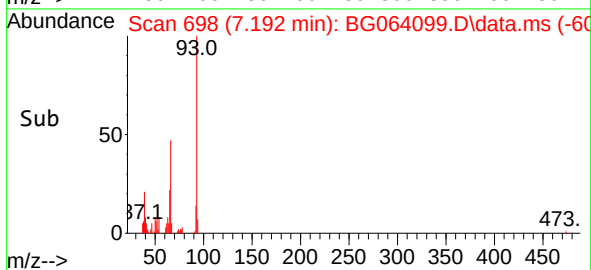
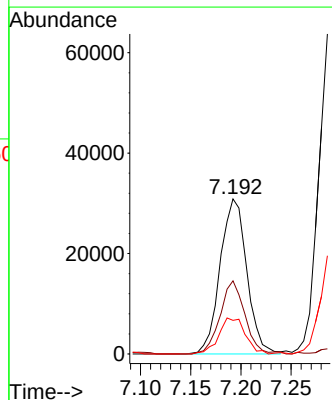
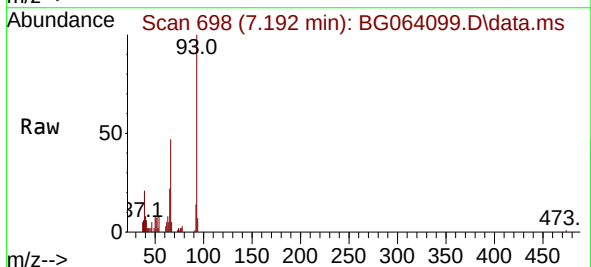
Manual Integrations
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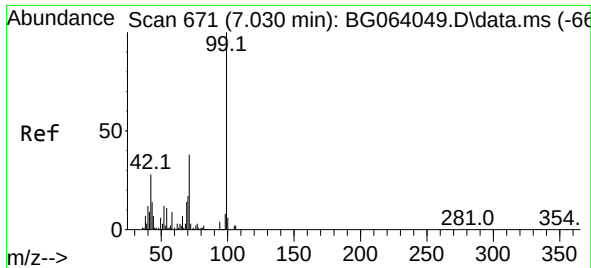
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#6
Aniline
Concen: 18.102 ng
RT: 7.192 min Scan# 698
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

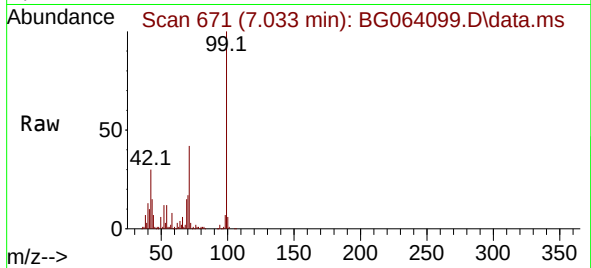
Tgt Ion: 93 Resp: 57045
Ion Ratio Lower Upper
93 100
66 47.1 33.7 50.5
65 21.7 19.1 28.7





#7
Phenol-d6
Concen: 105.442 ng
RT: 7.033 min Scan# 671
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

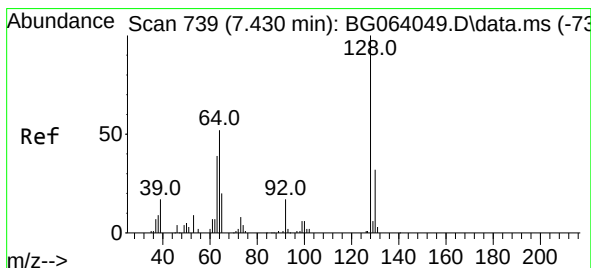
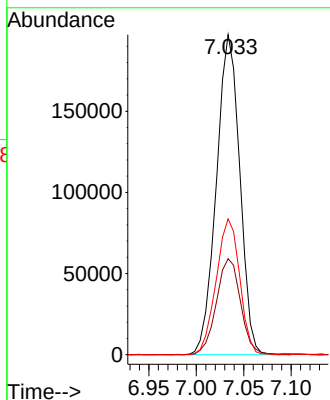
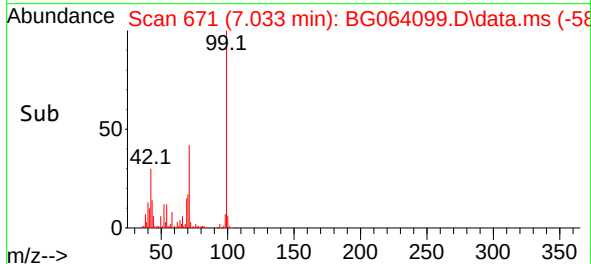
Instrument :
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OR-363-COMP-18MSD



Tgt Ion: 99 Resp: 33862
Ion Ratio Lower Upper
99 100
42 30.0 22.7 34.1
71 42.4 30.6 46.0

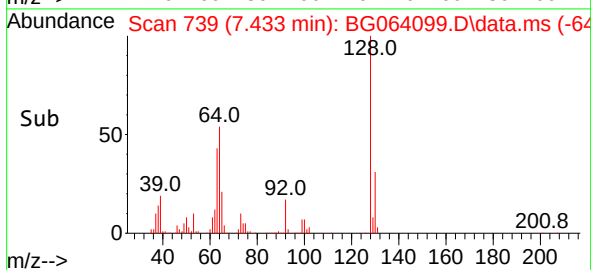
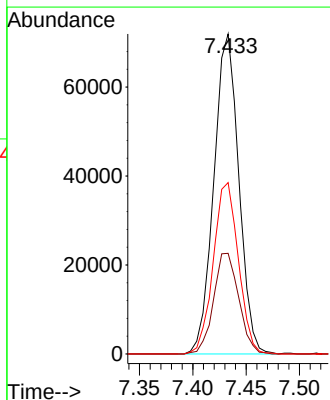
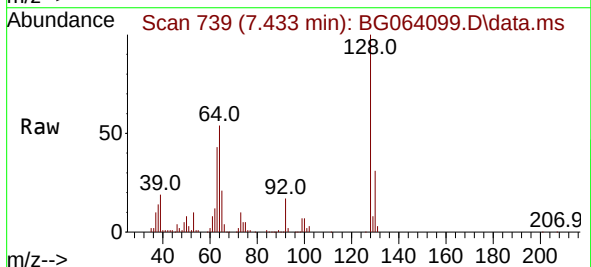
Manual Integrations
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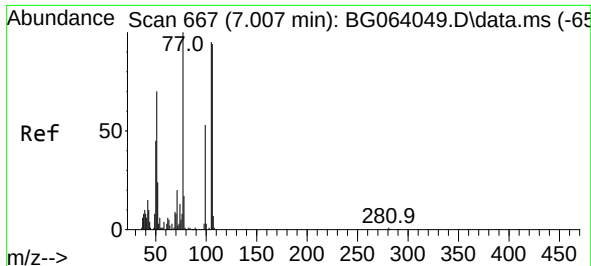
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#8
2-Chlorophenol
Concen: 46.088 ng
RT: 7.433 min Scan# 739
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

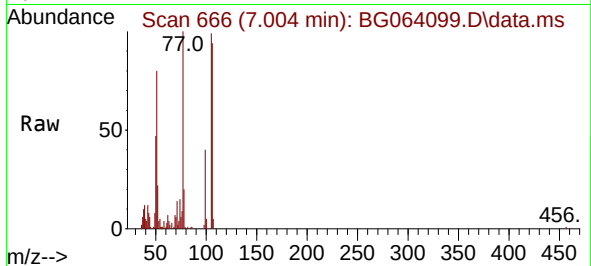
Tgt Ion:128 Resp: 116852
Ion Ratio Lower Upper
128 100
130 31.4 12.3 52.3
64 53.6 37.0 77.0





#9
Benzaldehyde
Concen: 19.841 ng
RT: 7.004 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

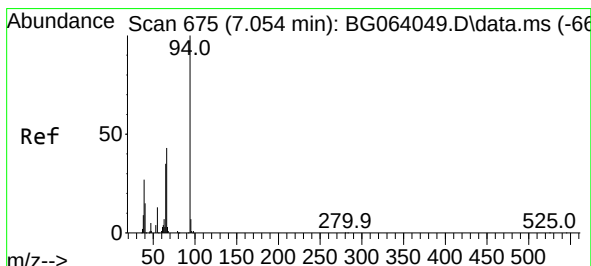
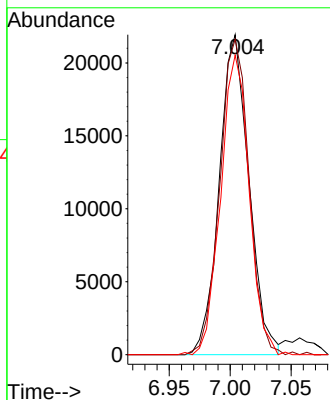
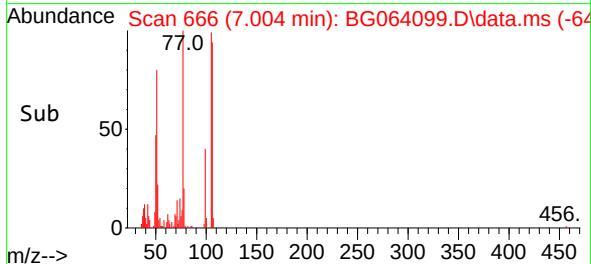
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion: 77 Resp: 37059
Ion Ratio Lower Upper
77 100
105 98.5 75.5 115.5
106 93.6 74.2 114.2

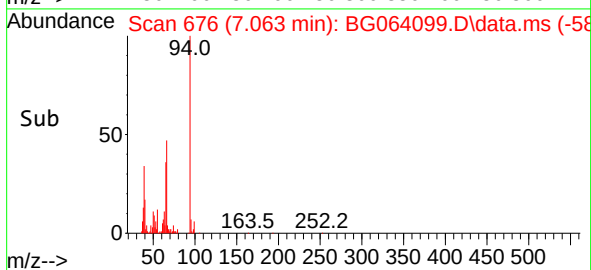
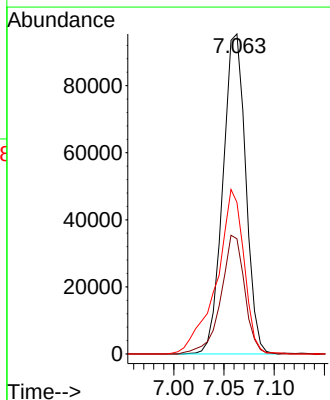
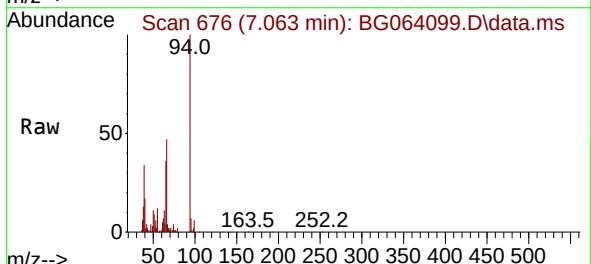
Manual Integrations
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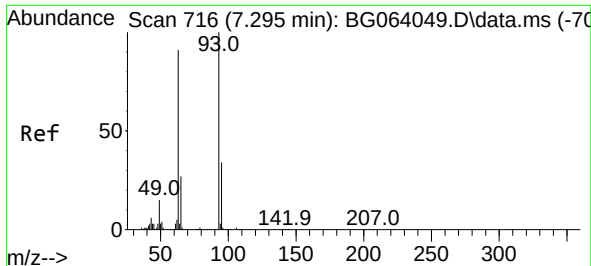
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#10
Phenol
Concen: 45.751 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.009 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion: 94 Resp: 150432
Ion Ratio Lower Upper
94 100
65 36.0 15.2 55.2
66 47.4 25.1 65.1





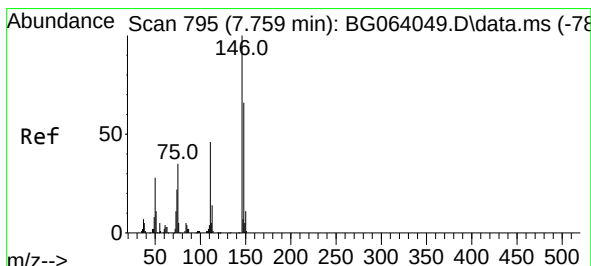
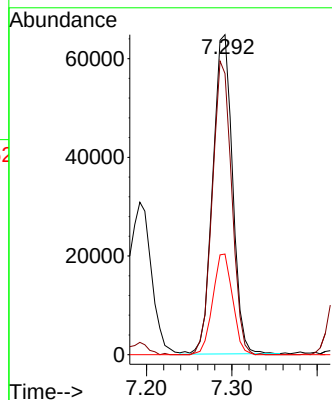
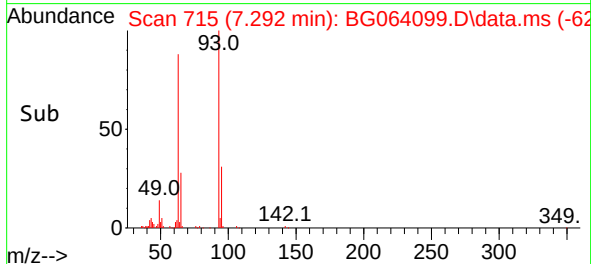
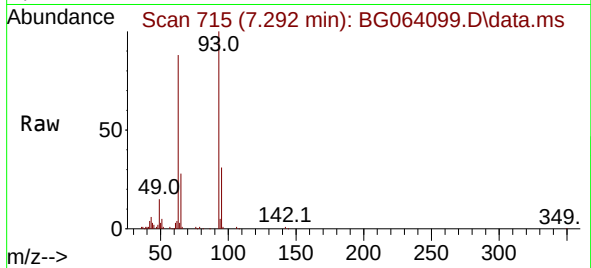
#11
bis(2-Chloroethyl)ether
Concen: 40.463 ng
RT: 7.292 min Scan# 715
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

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

Tgt Ion: 93 Resp: 104304
Ion Ratio Lower Upper
93 100
63 87.9 70.0 110.0
95 31.4 13.7 53.7

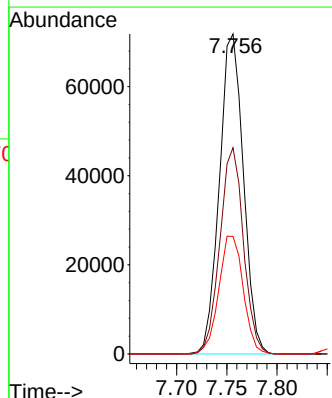
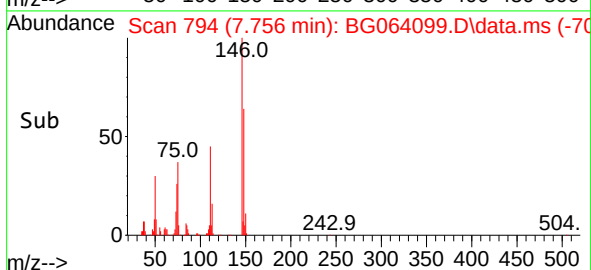
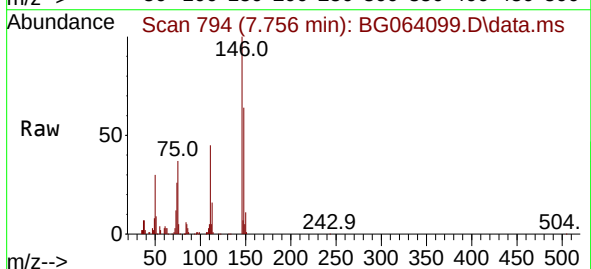
Manual Integrations
APPROVED

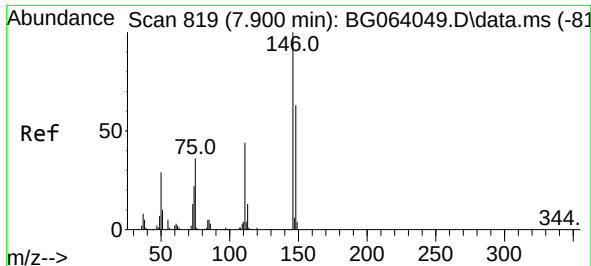
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#12
1,3-Dichlorobenzene
Concen: 42.803 ng
RT: 7.756 min Scan# 794
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

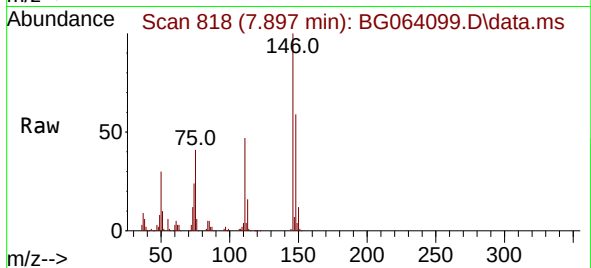
Tgt Ion:146 Resp: 119172
Ion Ratio Lower Upper
146 100
148 64.5 52.6 78.8
75 36.7 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 42.877 ng
RT: 7.897 min Scan# 819
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

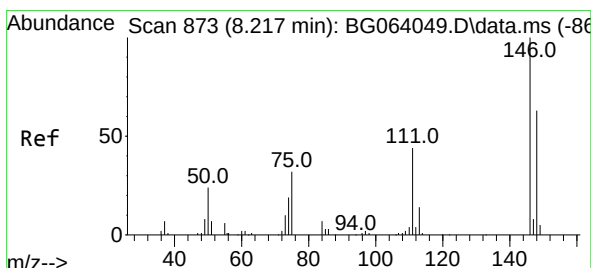
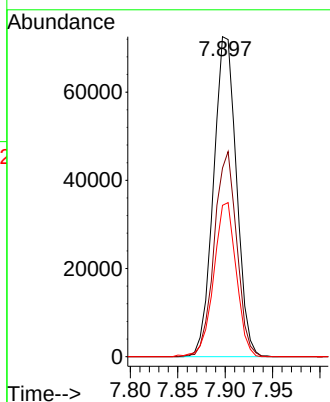
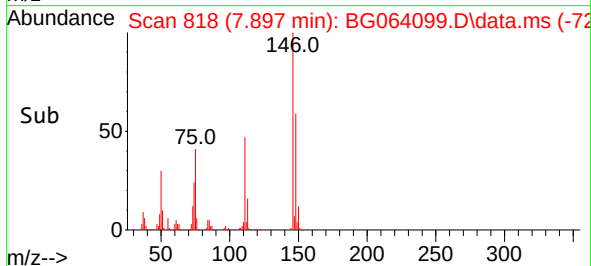
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



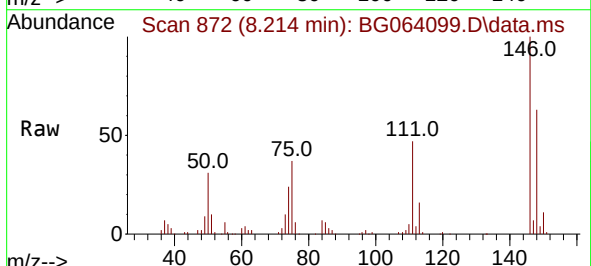
Tgt Ion:146 Resp: 122364
Ion Ratio Lower Upper
146 100
148 58.9 50.6 75.8
111 47.3 35.1 52.7

Manual Integrations
APPROVED

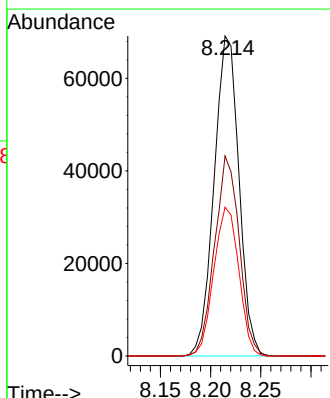
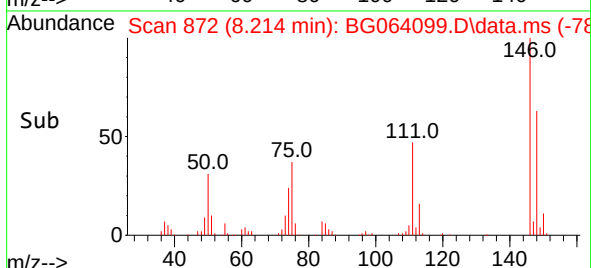
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

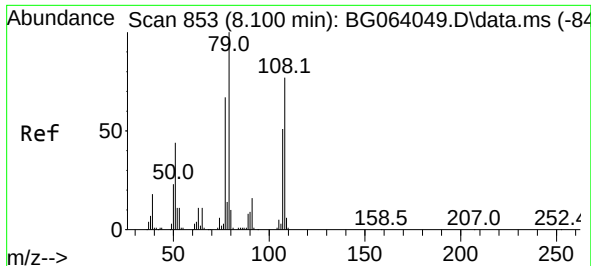


#14
1,2-Dichlorobenzene
Concen: 43.239 ng
RT: 8.214 min Scan# 872
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18



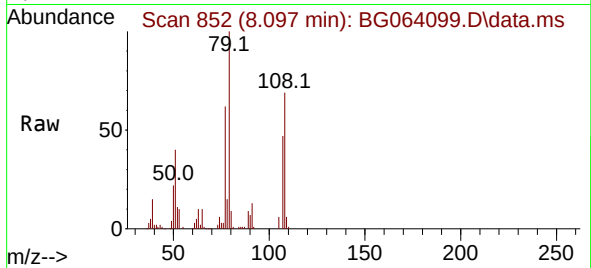
Tgt Ion:146 Resp: 118987
Ion Ratio Lower Upper
146 100
148 62.5 50.2 75.2
111 46.5 36.4 54.6





#15
Benzyl Alcohol
Concen: 45.516 ng
RT: 8.097 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

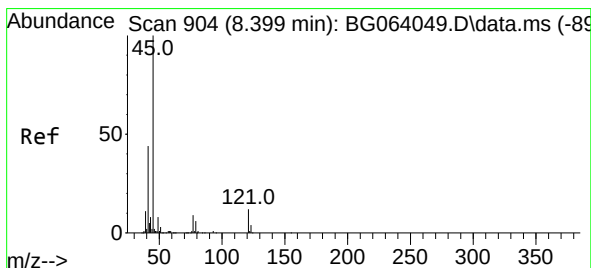
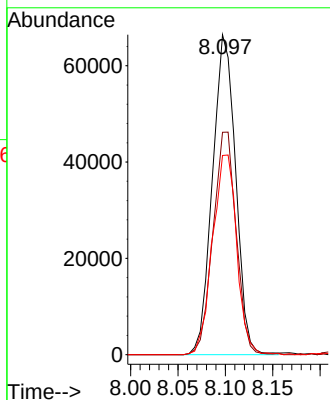
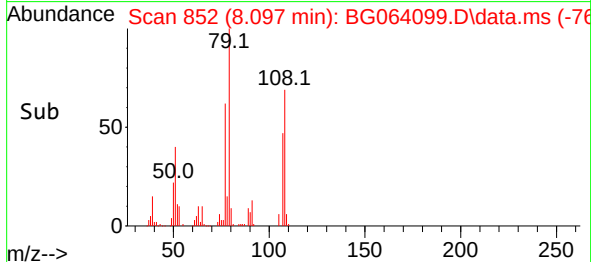
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion: 79 Resp: 112950
Ion Ratio Lower Upper
79 100
108 69.5 61.7 92.5
77 62.3 53.9 80.9

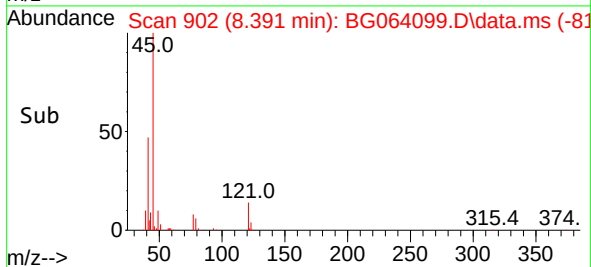
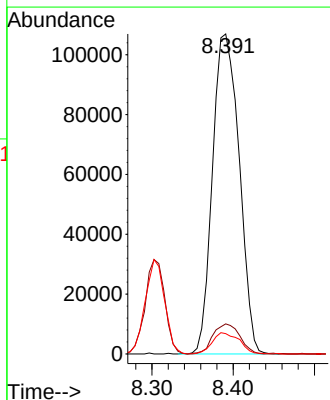
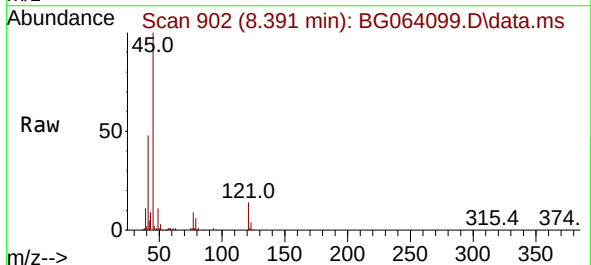
Manual Integrations
APPROVED

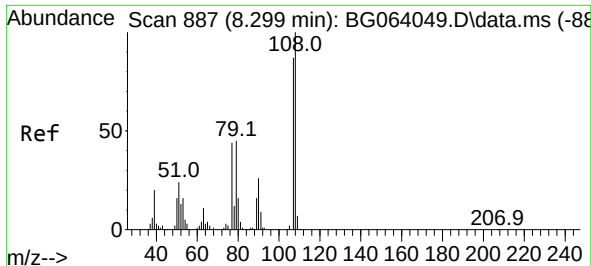
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.113 ng
RT: 8.391 min Scan# 902
Delta R.T. -0.009 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

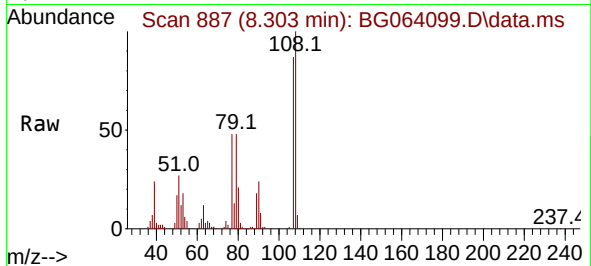
Tgt Ion: 45 Resp: 244099
Ion Ratio Lower Upper
45 100
77 9.4 0.0 29.0
79 6.4 0.0 26.6





#17
2-Methylphenol
Concen: 45.804 ng
RT: 8.303 min Scan# 887
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

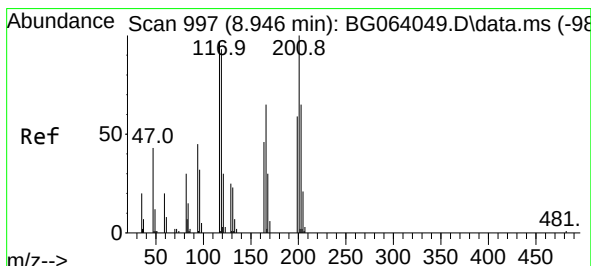
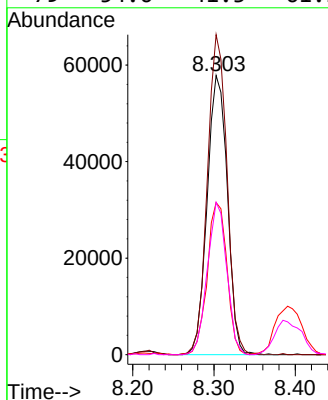
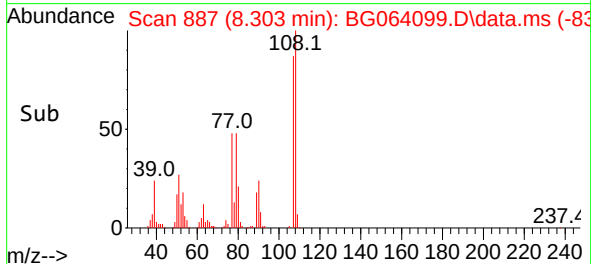
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion:	107	Resp:	9995
Ion Ratio	Lower	Upper	
107	100		
108	114.6	92.5	138.7
77	54.5	40.5	60.7
79	54.6	41.3	61.9

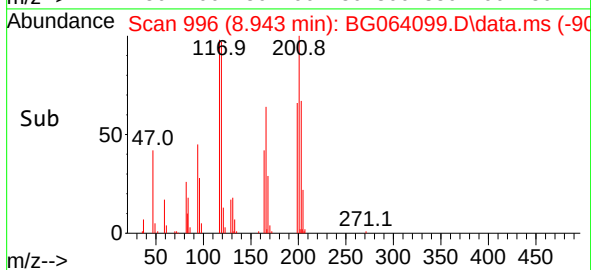
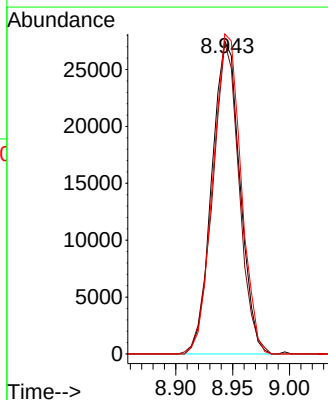
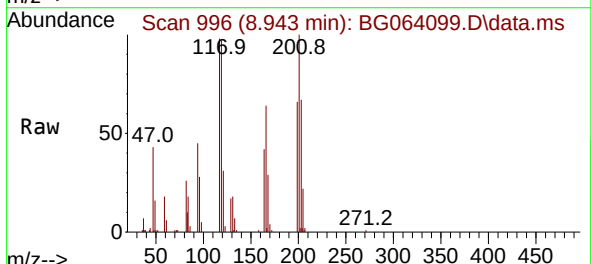
Manual Integrations
APPROVED

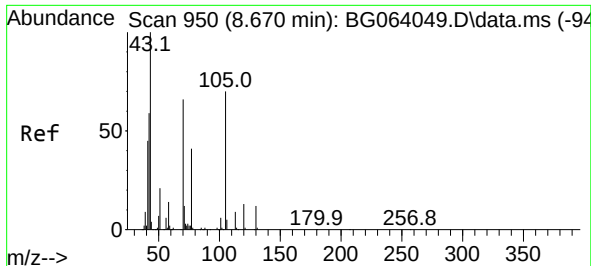
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#18
Hexachloroethane
Concen: 47.200 ng
RT: 8.943 min Scan# 996
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

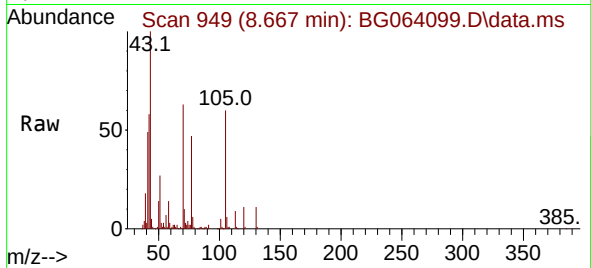
Tgt Ion:	117	Resp:	47128
Ion Ratio	Lower	Upper	
117	100		
119	99.6	76.2	114.2
201	102.3	81.5	122.3





#19
n-Nitroso-di-n-propylamine
Concen: 40.411 ng
RT: 8.667 min Scan# 949
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

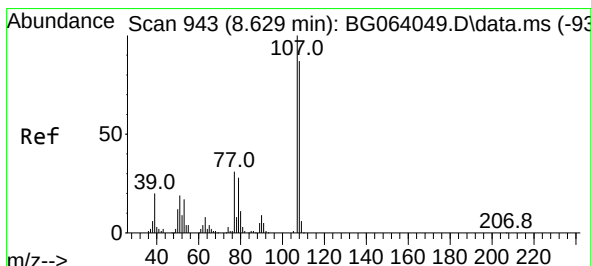
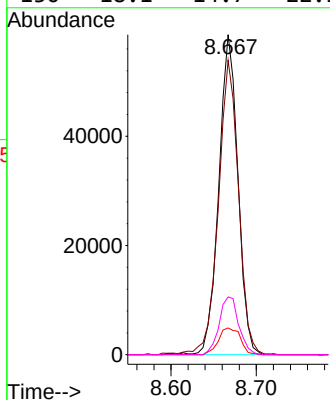
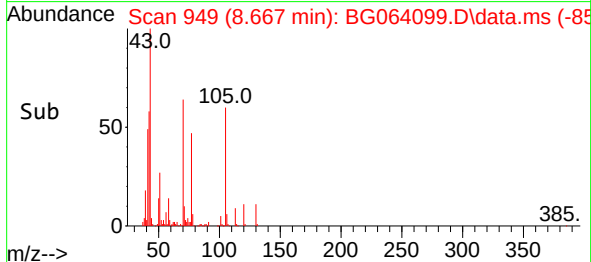
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion: 70 Resp: 91078
Ion Ratio Lower Upper
70 100
42 92.0 72.1 108.1
101 8.3 7.2 10.8
130 18.1 14.7 22.1

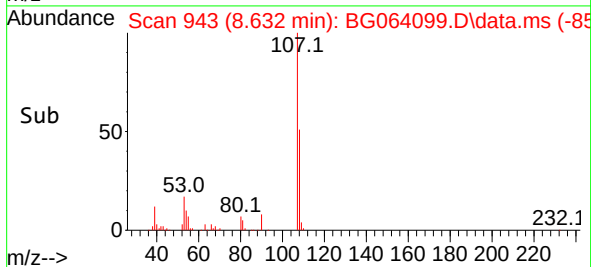
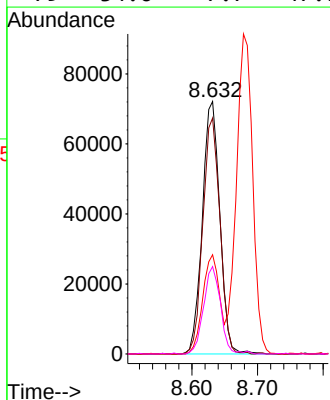
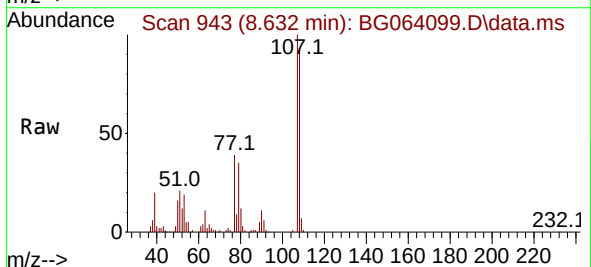
Manual Integrations
APPROVED

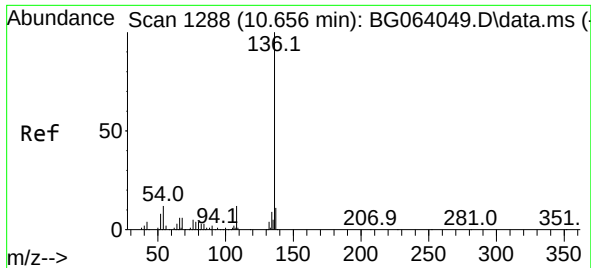
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#20
3+4-Methylphenols
Concen: 44.551 ng
RT: 8.632 min Scan# 943
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

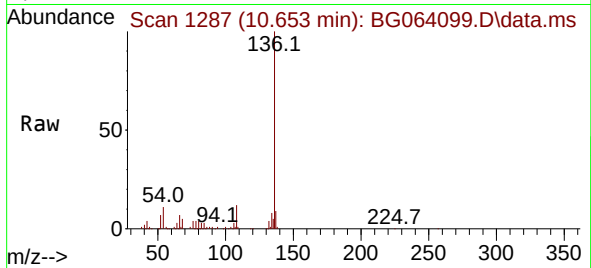
Tgt Ion:107 Resp: 133843
Ion Ratio Lower Upper
107 100
108 93.4 67.0 107.0
77 39.3 11.2 51.2
79 34.6 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.653 min Scan# 1288
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

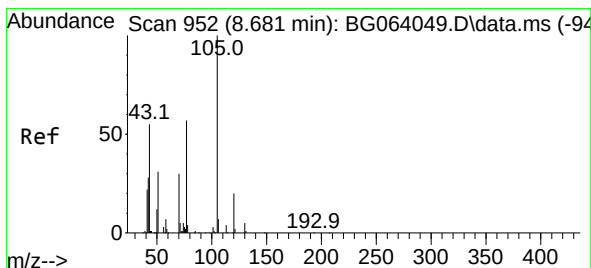
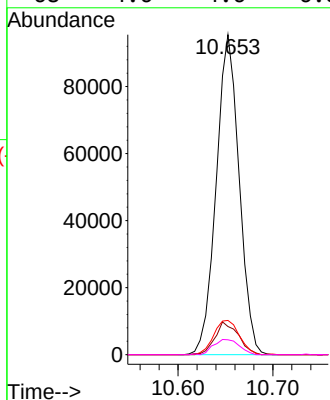
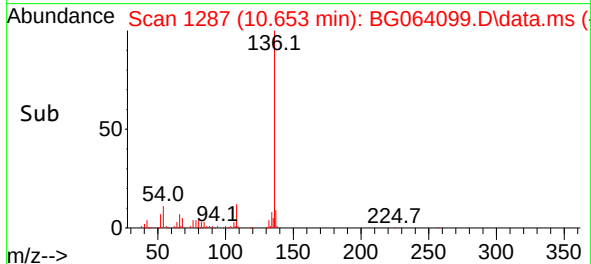
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion:136 Resp: 160540
Ion Ratio Lower Upper
136 100
137 8.8 8.5 12.7
54 10.7 9.9 14.9
68 4.6 4.6 6.8

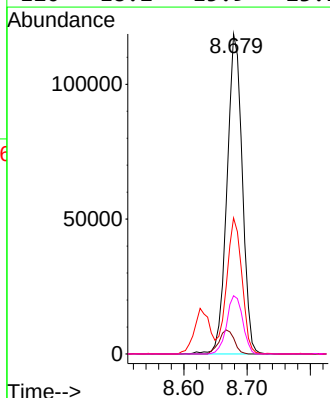
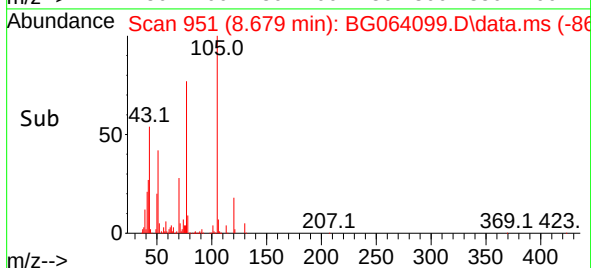
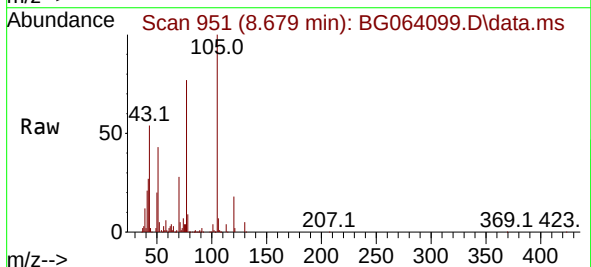
Manual Integrations
APPROVED

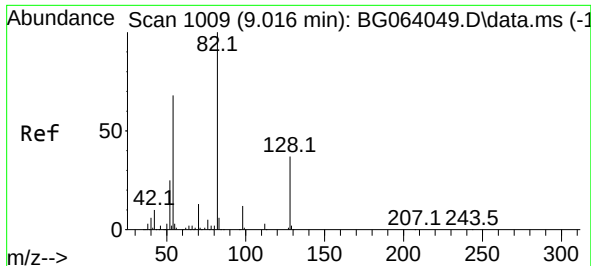
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#22
Acetophenone
Concen: 45.193 ng
RT: 8.679 min Scan# 951
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:105 Resp: 198932
Ion Ratio Lower Upper
105 100
71 5.0 4.2 6.4
51 42.5 33.3 49.9
120 18.2 15.9 23.9





#23

Nitrobenzene-d5

Concen: 79.365 ng

RT: 9.019 min Scan# 1009

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

Tgt Ion: 82 Resp: 23057

Ion Ratio Lower Upper

82 100

128 38.3 30.0 45.0

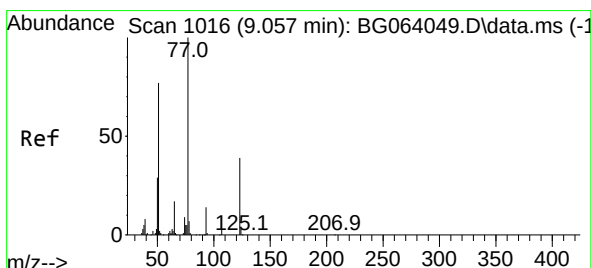
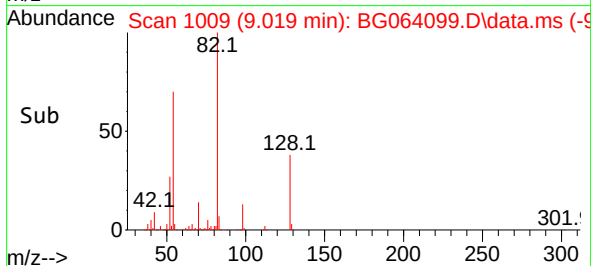
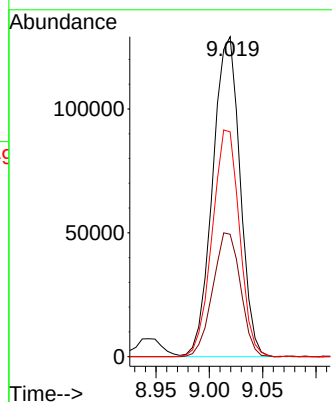
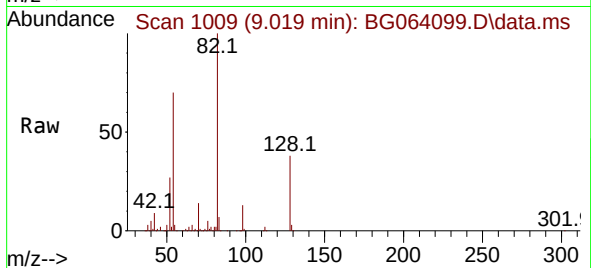
54 70.2 54.7 82.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#24

Nitrobenzene

Concen: 45.567 ng

RT: 9.060 min Scan# 1016

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

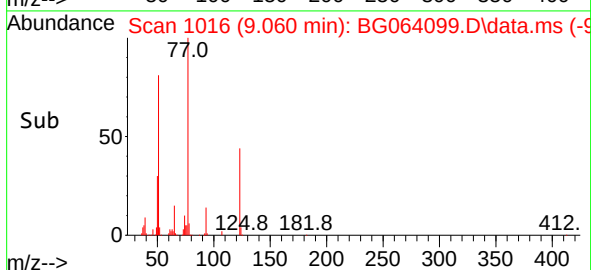
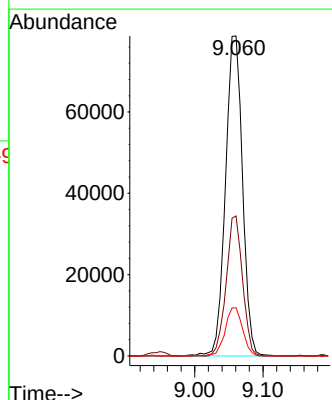
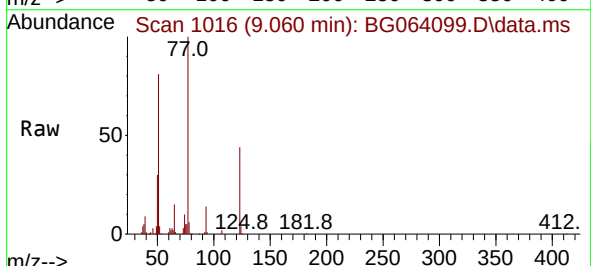
Tgt Ion: 77 Resp: 136810

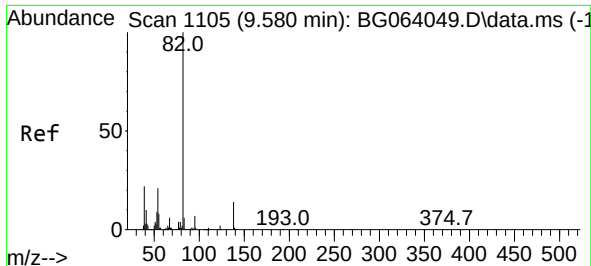
Ion Ratio Lower Upper

77 100

123 43.7 31.4 47.2

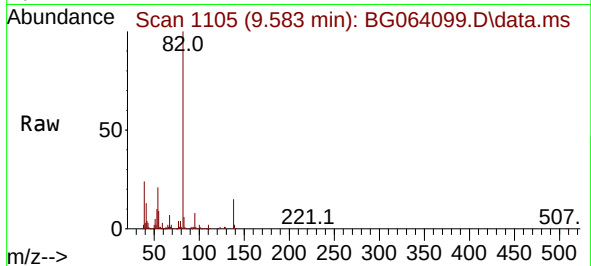
65 15.1 13.4 20.0





#25
Isophorone
Concen: 42.718 ng
RT: 9.583 min Scan# 1105
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

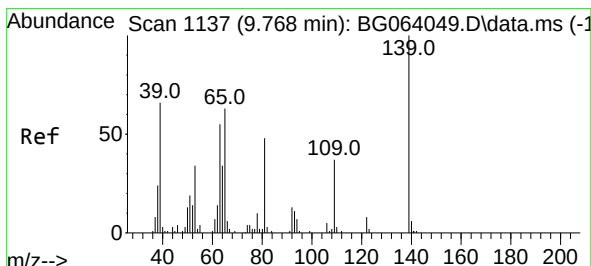
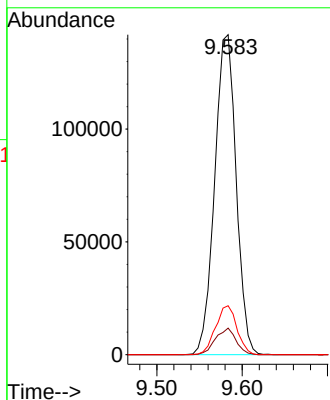
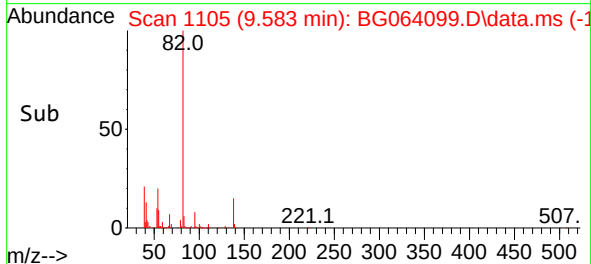
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion: 82 Resp: 24840
Ion Ratio Lower Upper
82 100
95 8.3 5.8 8.8
138 15.3 10.9 16.3

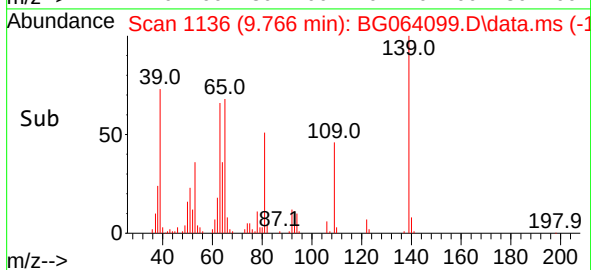
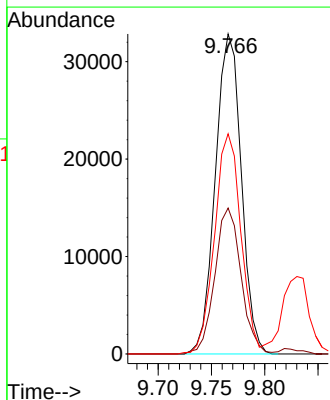
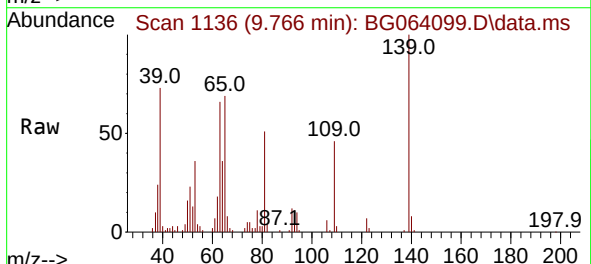
Manual Integrations
APPROVED

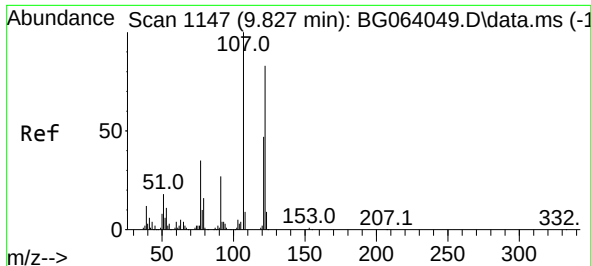
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#26
2-Nitrophenol
Concen: 52.437 ng
RT: 9.766 min Scan# 1136
Delta R.T. -0.002 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:139 Resp: 55617
Ion Ratio Lower Upper
139 100
109 45.6 29.9 44.9#
65 68.8 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 58.817 ng

RT: 9.830 min Scan# 1147

Delta R.T. 0.003 min

Lab File: BG064099.D

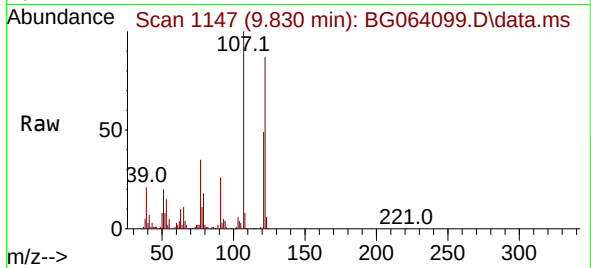
Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD



Tgt Ion:122 Resp: 102529

Ion Ratio Lower Upper

122 100

107 115.0 95.4 143.0

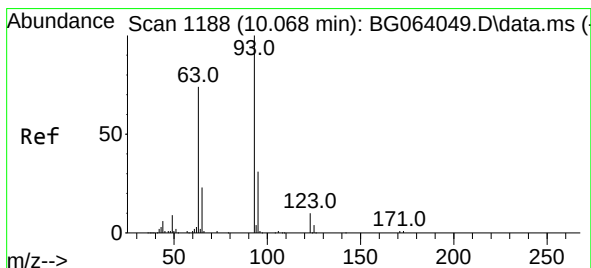
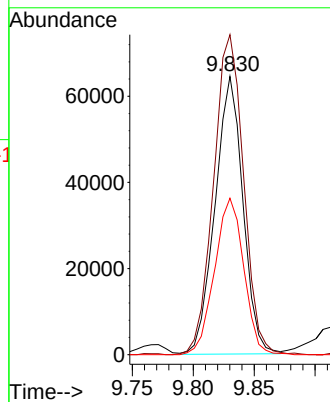
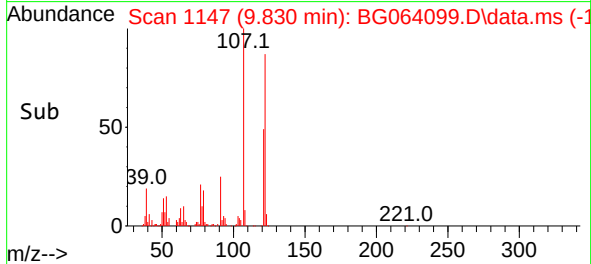
121 56.2 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.536 ng

RT: 10.065 min Scan# 1187

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

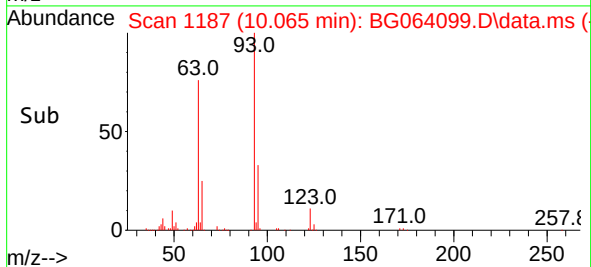
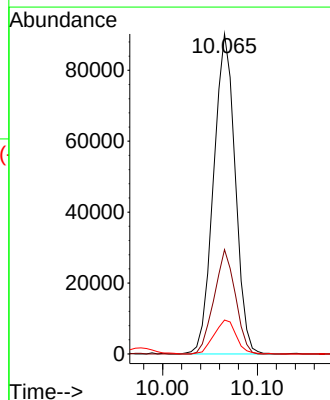
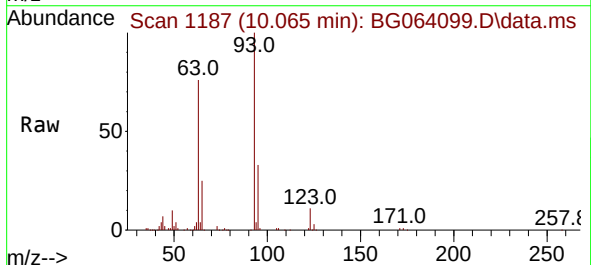
Tgt Ion: 93 Resp: 142907

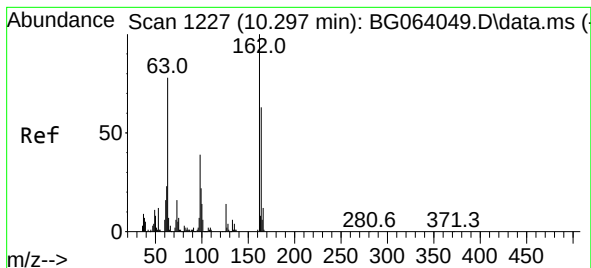
Ion Ratio Lower Upper

93 100

95 32.6 25.0 37.4

123 10.6 7.6 11.4





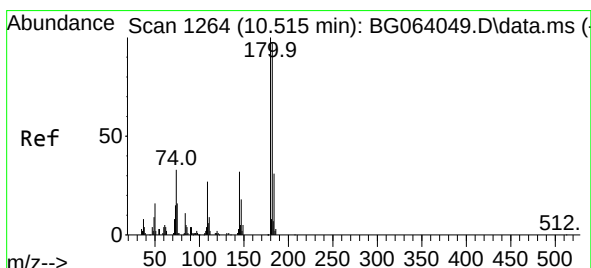
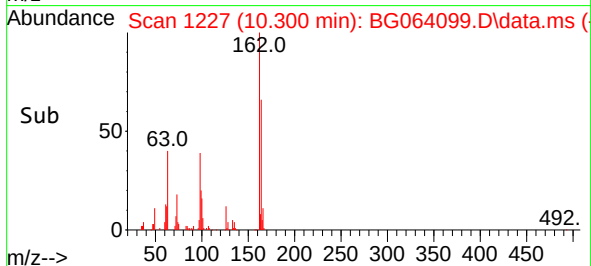
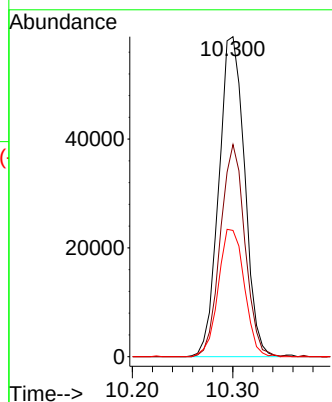
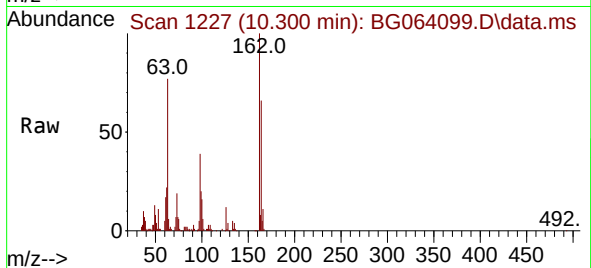
#29
2,4-Dichlorophenol
Concen: 47.634 ng
RT: 10.300 min Scan# 1227
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

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

Tgt Ion:162 Resp: 10485
Ion Ratio Lower Upper
162 100
164 66.3 42.8 82.8
98 39.5 19.1 59.1

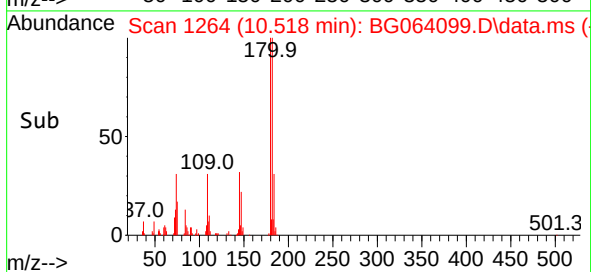
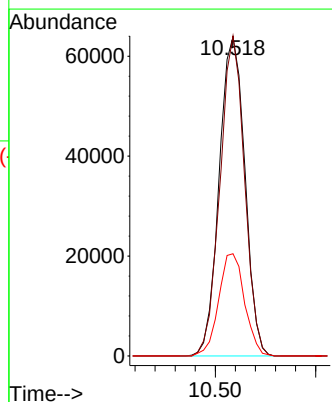
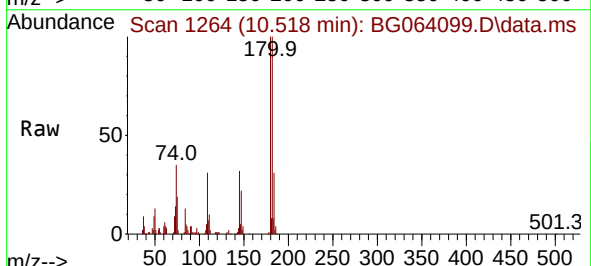
Manual Integrations
APPROVED

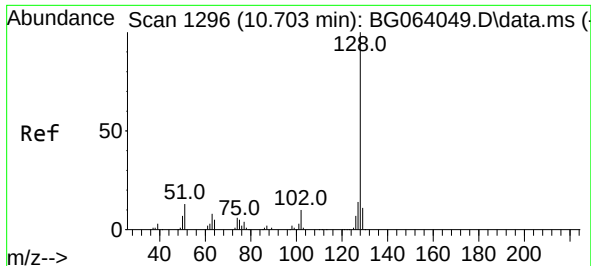
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#30
1,2,4-Trichlorobenzene
Concen: 42.548 ng
RT: 10.518 min Scan# 1264
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

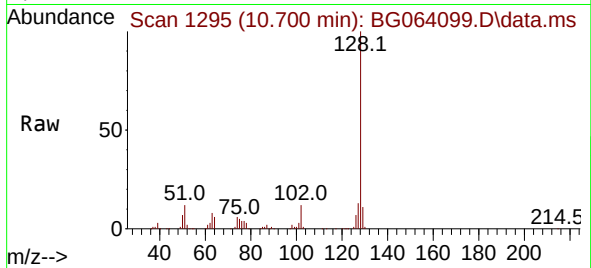
Tgt Ion:180 Resp: 113058
Ion Ratio Lower Upper
180 100
182 100.3 77.3 115.9
145 32.1 25.2 37.8





#31
Naphthalene
Concen: 41.874 ng
RT: 10.700 min Scan# 111
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

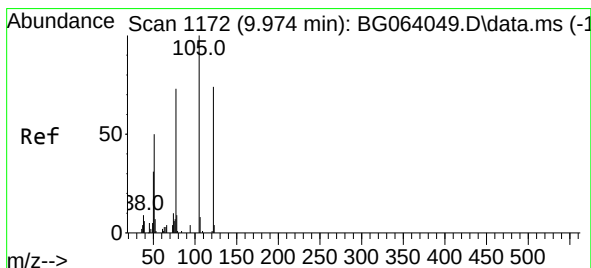
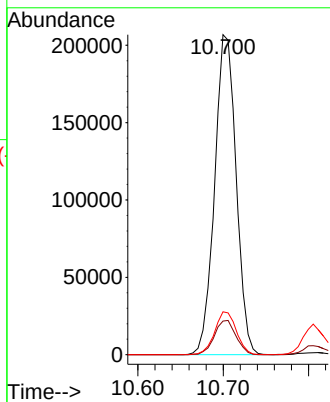
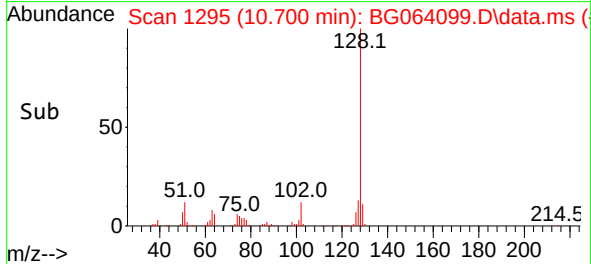
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion:128 Resp: 362504
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 13.4 11.1 16.7

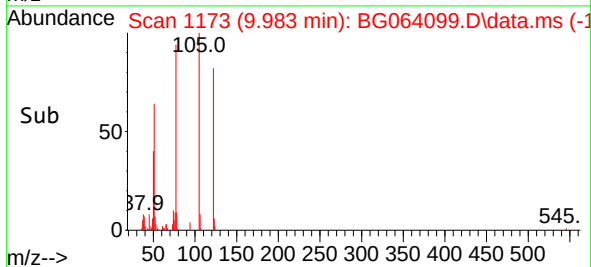
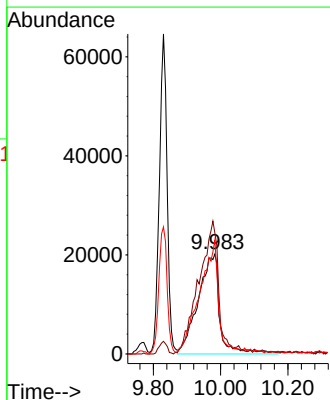
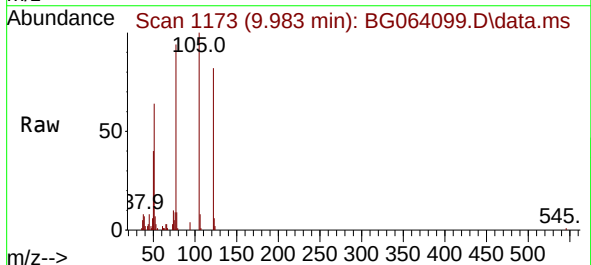
Manual Integrations
APPROVED

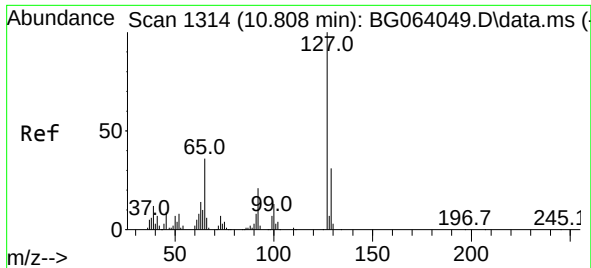
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#32
Benzoic acid
Concen: 54.756 ng m
RT: 9.983 min Scan# 1173
Delta R.T. 0.009 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:122 Resp: 90041
Ion Ratio Lower Upper
122 100
105 121.3 115.0 155.0
77 114.1 80.9 120.9





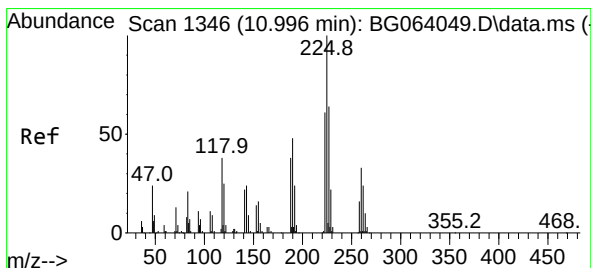
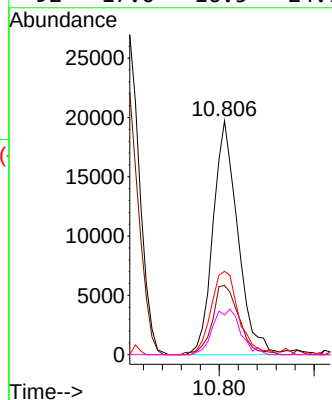
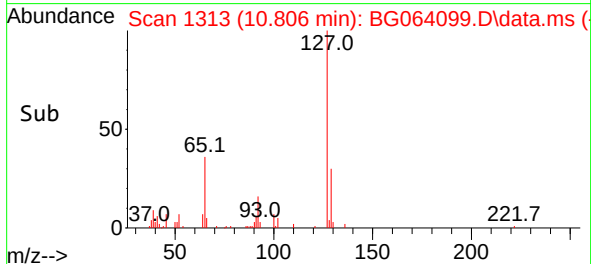
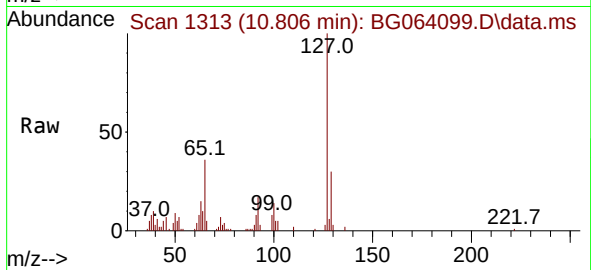
#33
4-Chloroaniline
Concen: 11.336 ng
RT: 10.806 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

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

Tgt Ion:	127	Resp:	3586
Ion Ratio	Lower	Upper	
127	100		
129	29.7	25.0	37.4
65	35.7	28.5	42.7
92	17.0	16.5	24.7

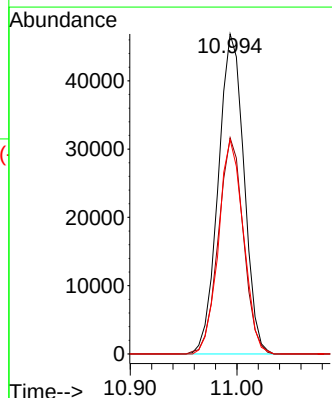
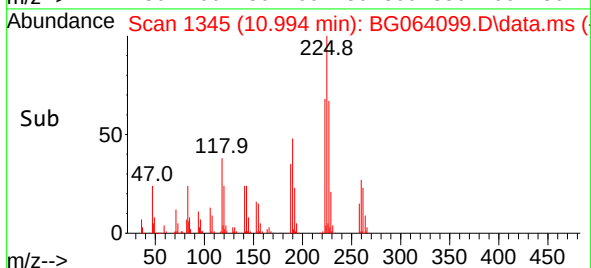
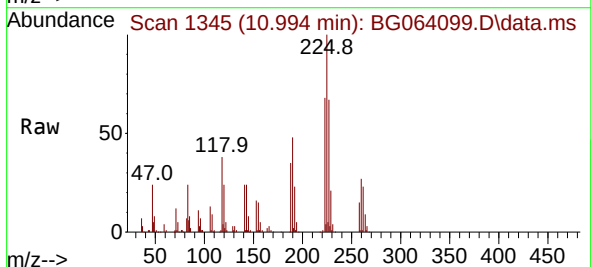
Manual Integrations
APPROVED

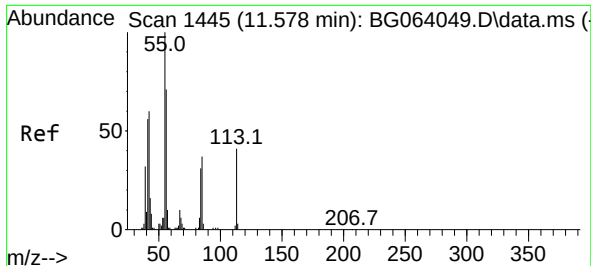
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#34
Hexachlorobutadiene
Concen: 44.976 ng
RT: 10.994 min Scan# 1345
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

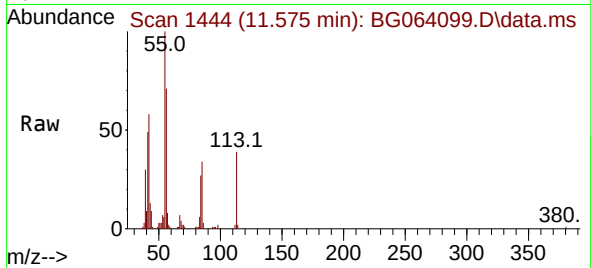
Tgt Ion:	225	Resp:	78334
Ion Ratio	Lower	Upper	
225	100		
223	67.5	48.5	72.7
227	66.9	51.0	76.6





#35
Caprolactam
Concen: 46.664 ng m
RT: 11.575 min Scan# 1444
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

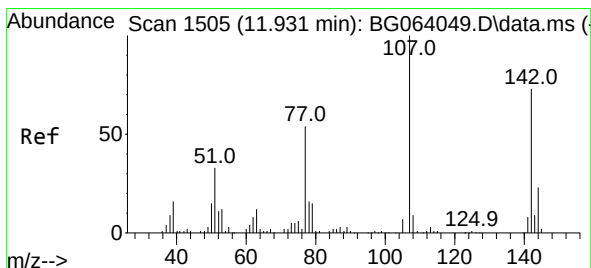
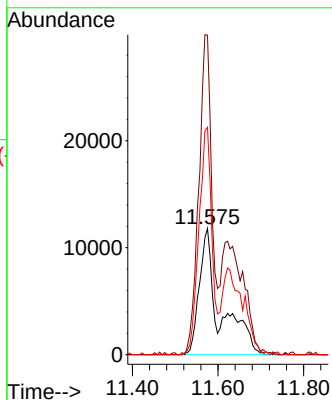
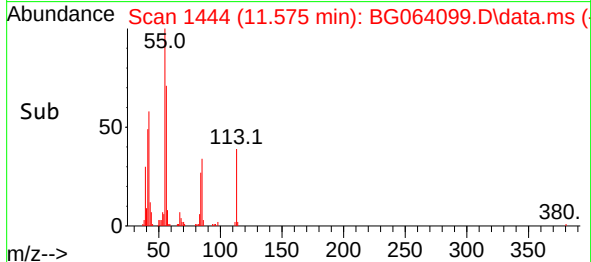
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion:113 Resp: 39362
Ion Ratio Lower Upper
113 100
55 253.3 225.2 265.2
56 180.1 153.4 193.4

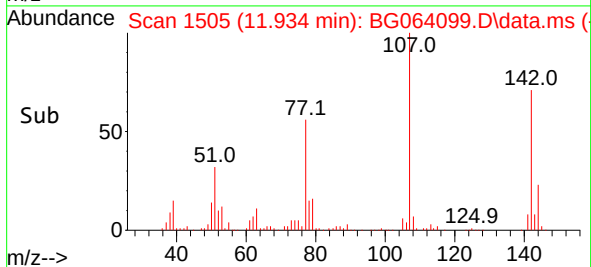
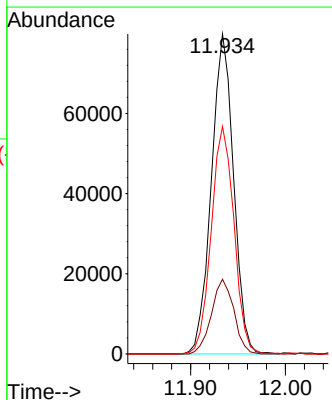
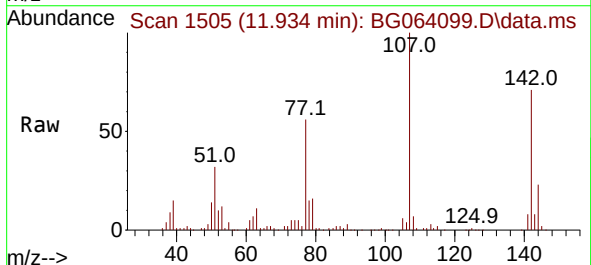
Manual Integrations
APPROVED

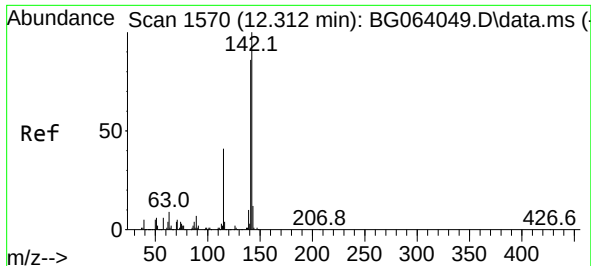
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#36
4-Chloro-3-methylphenol
Concen: 45.025 ng
RT: 11.934 min Scan# 1505
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

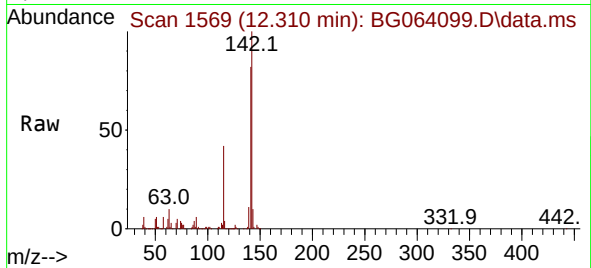
Tgt Ion:107 Resp: 129912
Ion Ratio Lower Upper
107 100
144 23.4 18.6 28.0
142 71.1 58.0 87.0





#37
2-Methylnaphthalene
Concen: 40.157 ng
RT: 12.310 min Scan# 1569
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

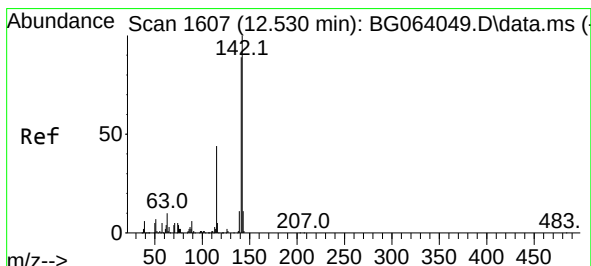
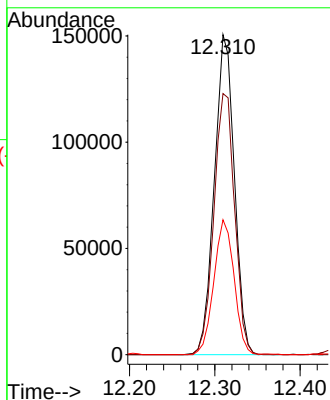
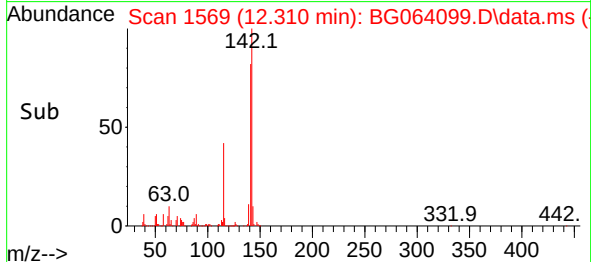
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion:142 Resp: 245425
Ion Ratio Lower Upper
142 100
141 81.6 68.6 103.0
115 42.2 32.8 49.2

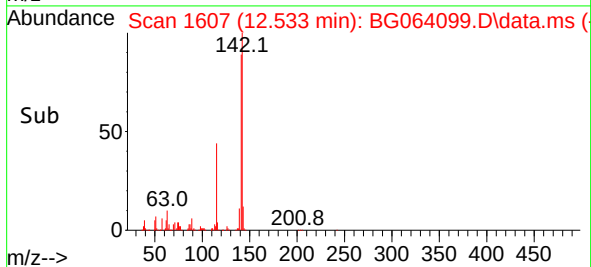
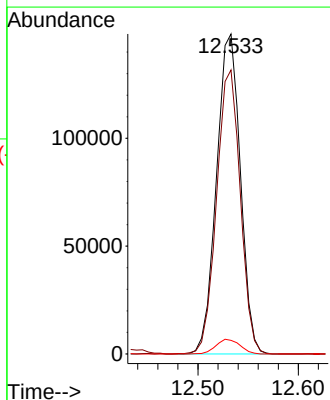
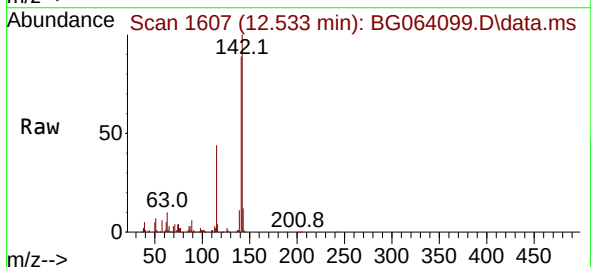
Manual Integrations
APPROVED

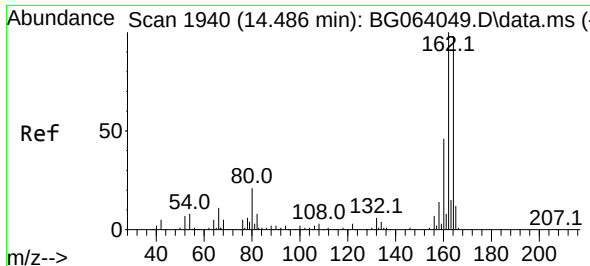
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#38
1-Methylnaphthalene
Concen: 40.895 ng
RT: 12.533 min Scan# 1607
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

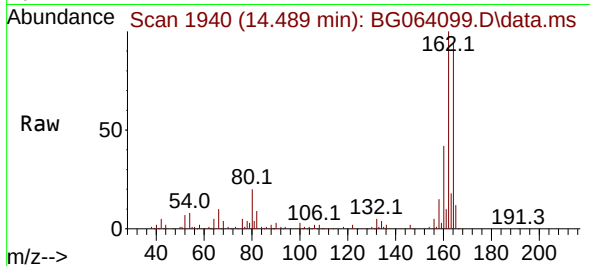
Tgt Ion:142 Resp: 244859
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8
116 4.2 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.489 min Scan# 1940
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

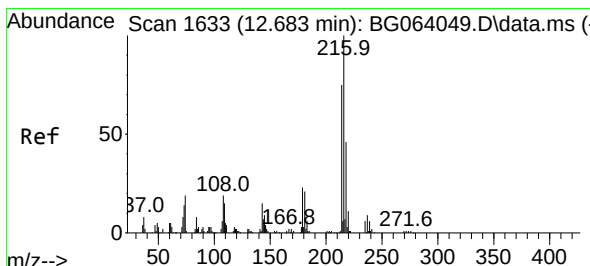
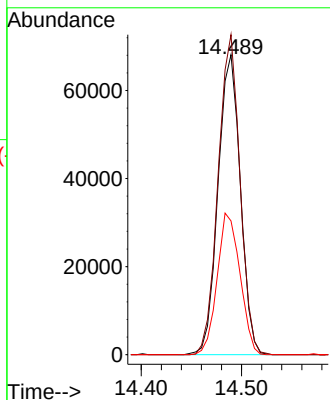
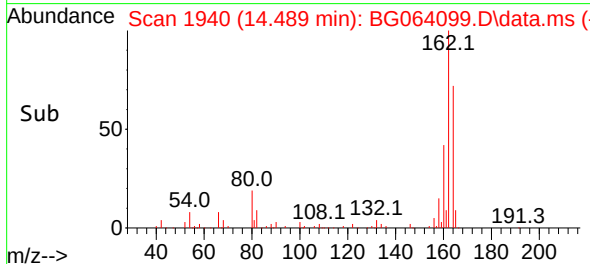
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion:164 Resp: 104879
Ion Ratio Lower Upper
164 100
162 106.6 81.4 122.0
160 44.6 37.0 55.6

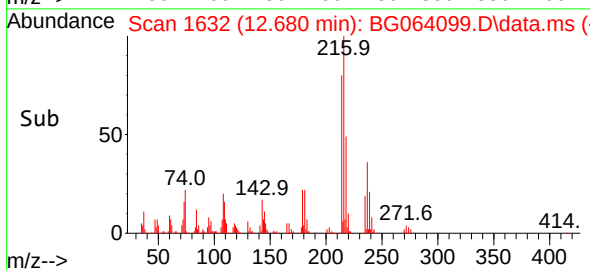
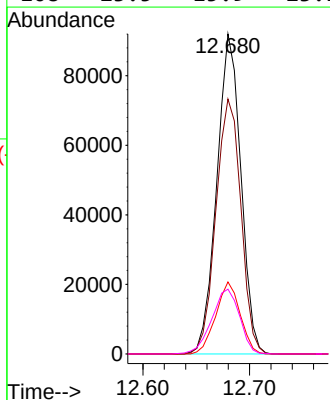
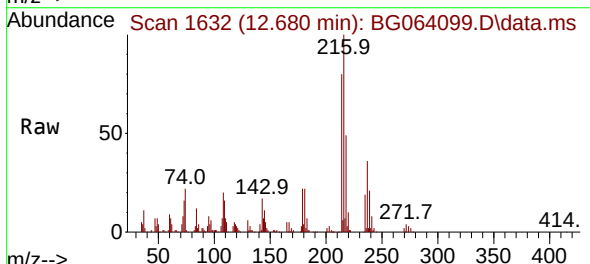
Manual Integrations
APPROVED

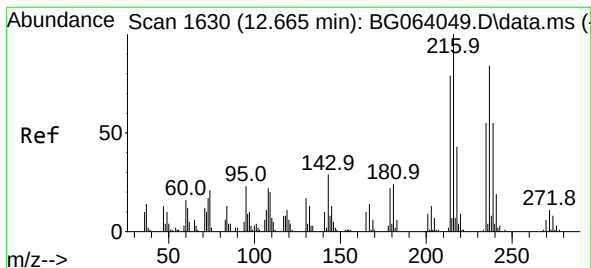
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.070 ng
RT: 12.680 min Scan# 1632
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:216 Resp: 143931
Ion Ratio Lower Upper
216 100
214 82.8 61.7 92.5
179 22.7 17.9 26.9
108 23.5 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 160.555 ng

RT: 12.662 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

Tgt Ion:237 Resp: 135304

Ion Ratio Lower Upper

237 100

235 61.9 46.0 86.0

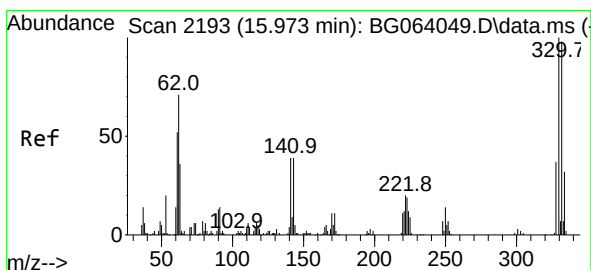
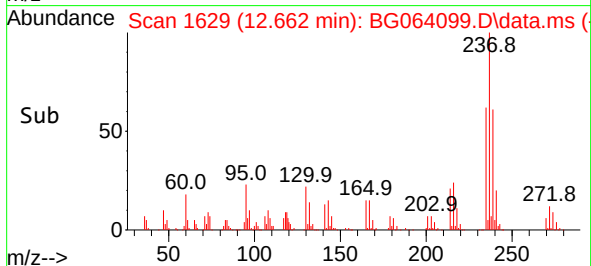
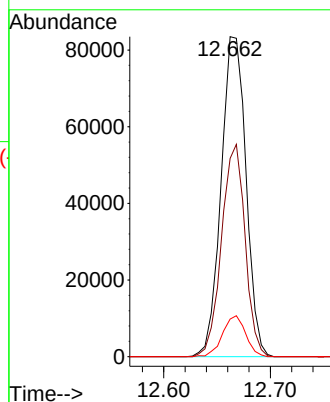
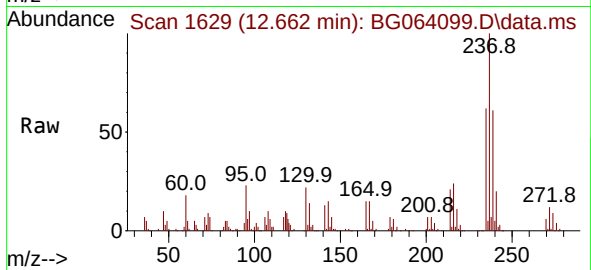
272 11.7 0.0 32.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#42

2,4,6-Tribromophenol

Concen: 124.492 ng

RT: 15.976 min Scan# 2193

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

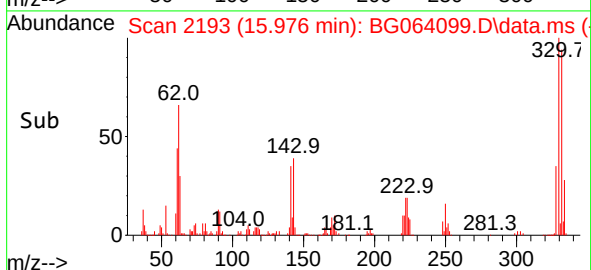
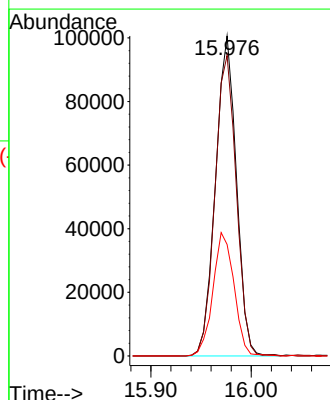
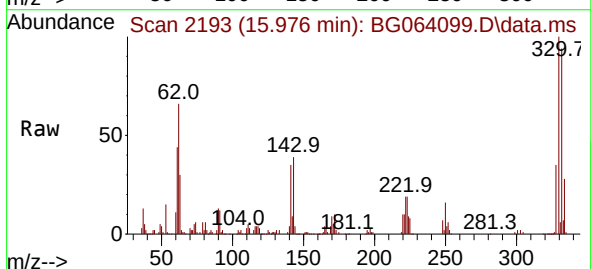
Tgt Ion:330 Resp: 145133

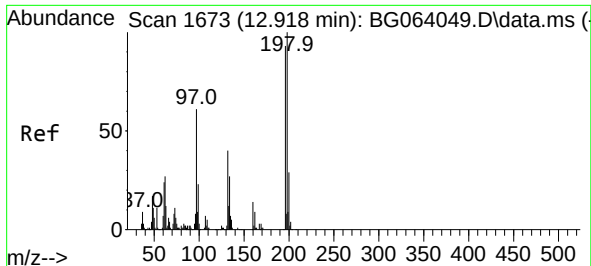
Ion Ratio Lower Upper

330 100

332 96.2 76.7 115.1

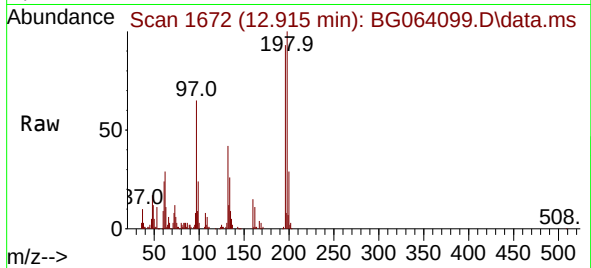
141 39.1 29.7 44.5





#43
2,4,6-Trichlorophenol
Concen: 51.206 ng
RT: 12.915 min Scan# 1672
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

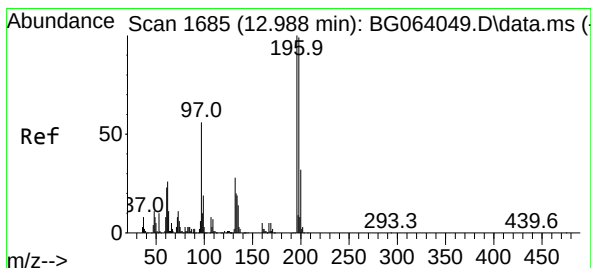
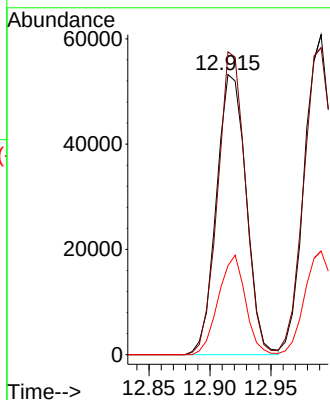
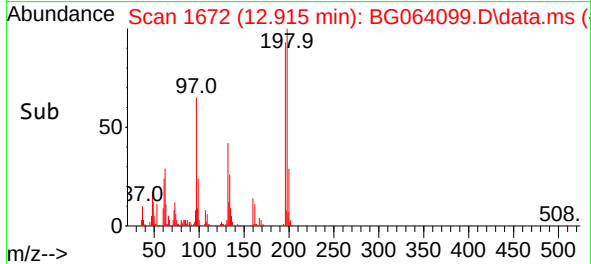
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



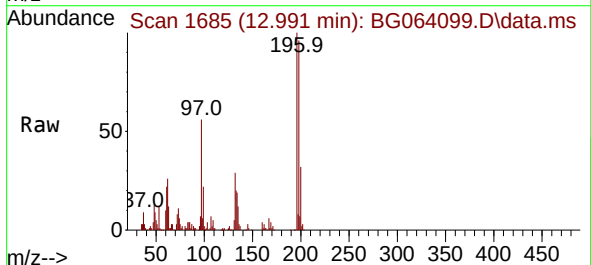
Tgt Ion:196 Resp: 90364
Ion Ratio Lower Upper
196 100
198 108.1 85.6 128.4
200 31.7 24.6 37.0

Manual Integrations
APPROVED

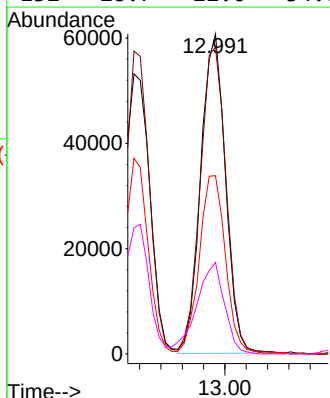
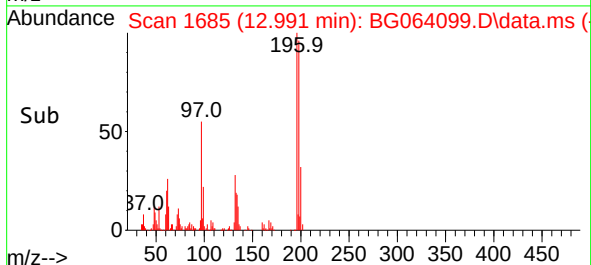
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

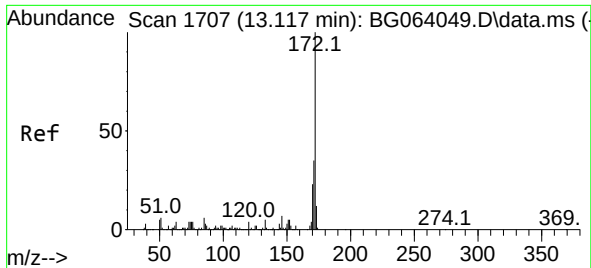


#44
2,4,5-Trichlorophenol
Concen: 49.883 ng
RT: 12.991 min Scan# 1685
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18



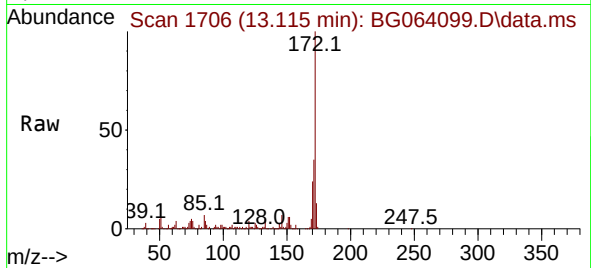
Tgt Ion:196 Resp: 97812
Ion Ratio Lower Upper
196 100
198 95.9 79.5 119.3
97 55.7 45.2 67.8
132 28.7 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 66.121 ng
RT: 13.115 min Scan# 1706
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

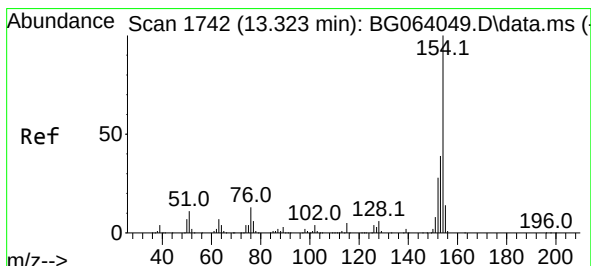
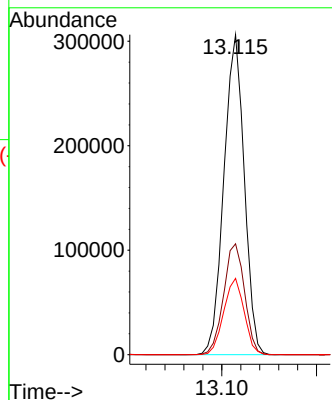
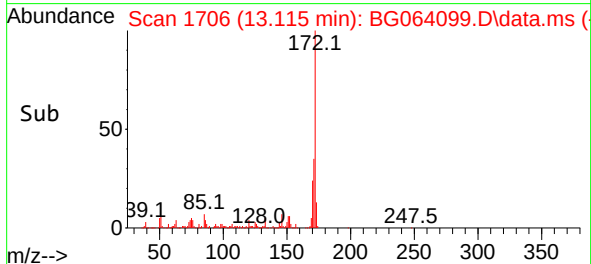
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



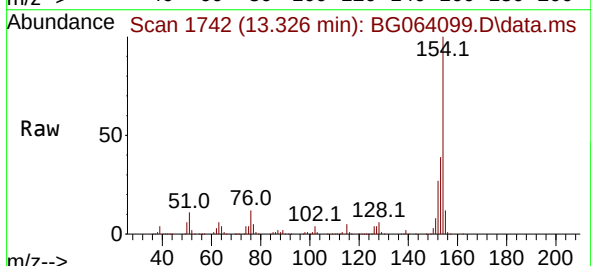
Tgt Ion:172 Resp: 45686
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.9 18.7 28.1

Manual Integrations
APPROVED

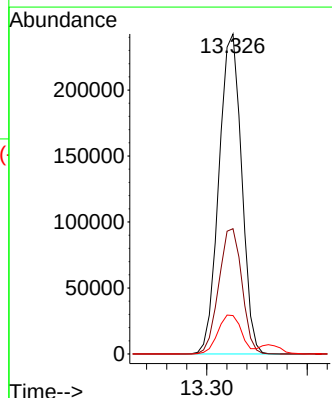
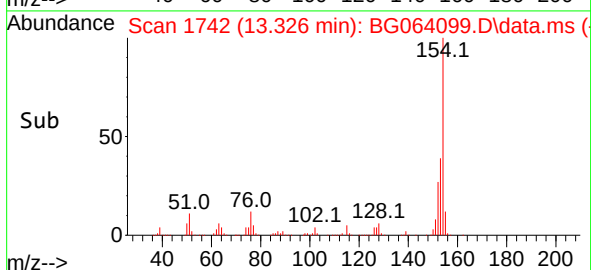
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

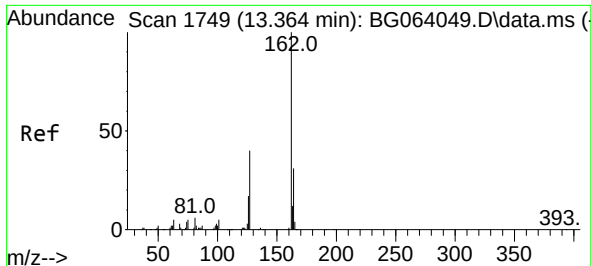


#46
1,1'-Biphenyl
Concen: 47.866 ng
RT: 13.326 min Scan# 1742
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18



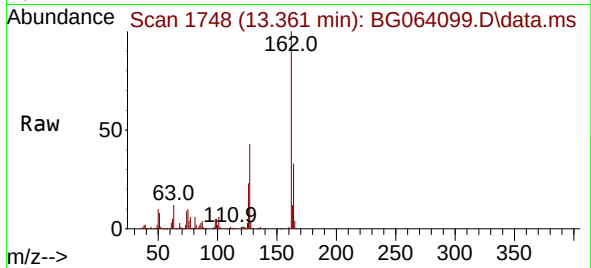
Tgt Ion:154 Resp: 379279
Ion Ratio Lower Upper
154 100
153 39.2 19.5 59.5
76 12.0 0.0 33.5





#47
2-Chloronaphthalene
Concen: 44.970 ng
RT: 13.361 min Scan# 1748
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

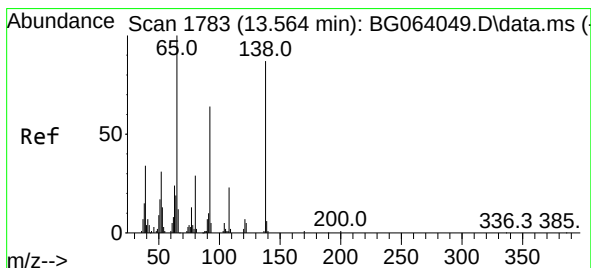
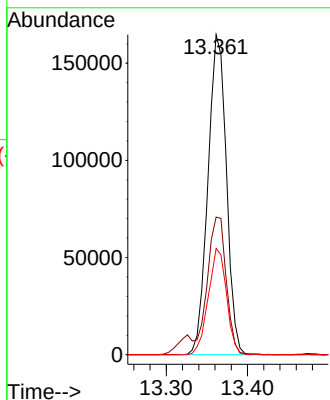
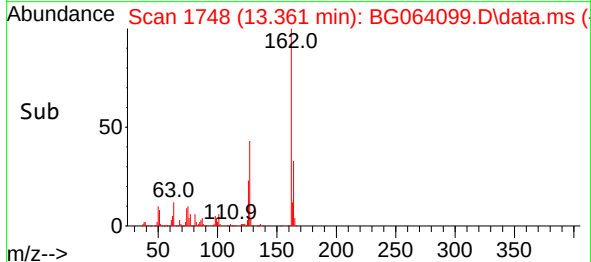
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion:162 Resp: 259884
Ion Ratio Lower Upper
162 100
127 43.0 35.0 52.4
164 33.2 25.0 37.6

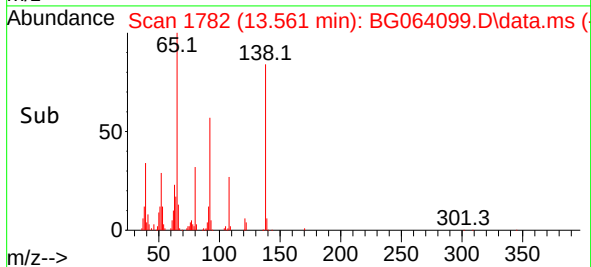
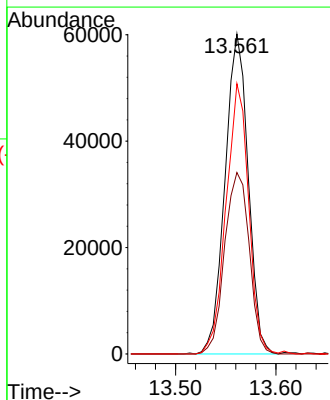
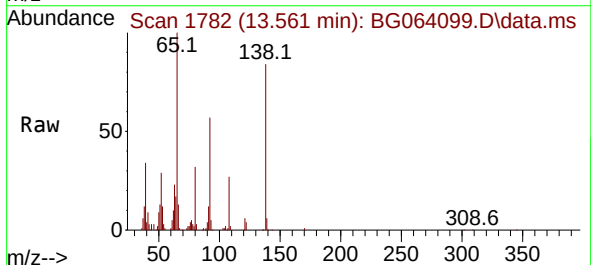
Manual Integrations
APPROVED

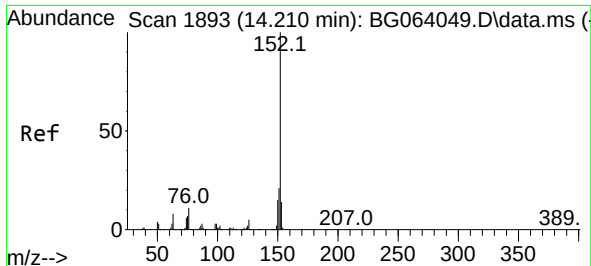
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#48
2-Nitroaniline
Concen: 49.877 ng
RT: 13.561 min Scan# 1782
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

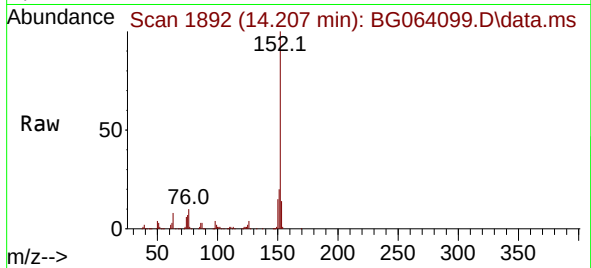
Tgt Ion: 65 Resp: 96480
Ion Ratio Lower Upper
65 100
92 56.7 51.2 76.8
138 84.5 69.4 104.2





#49
Acenaphthylene
Concen: 45.963 ng
RT: 14.207 min Scan# 1892
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

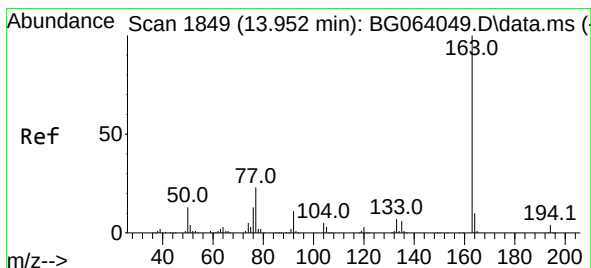
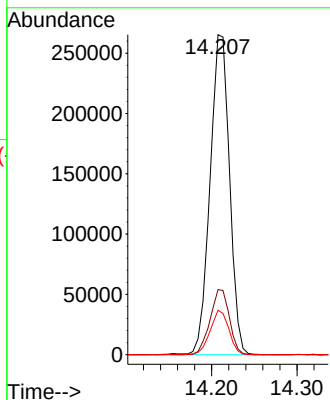
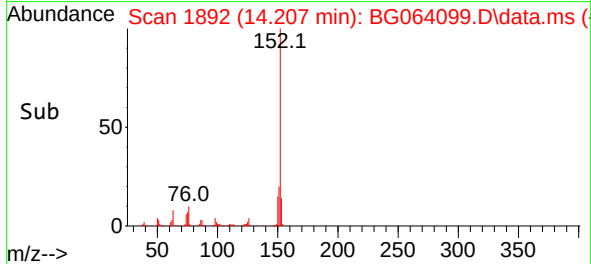
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion:152 Resp: 420130
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.9 10.9 16.3

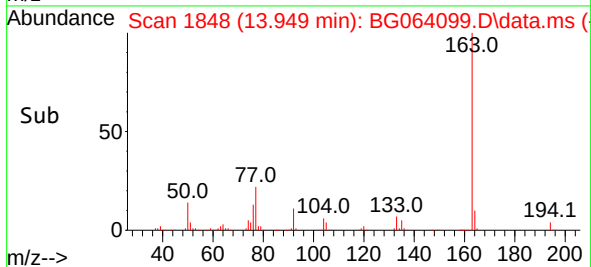
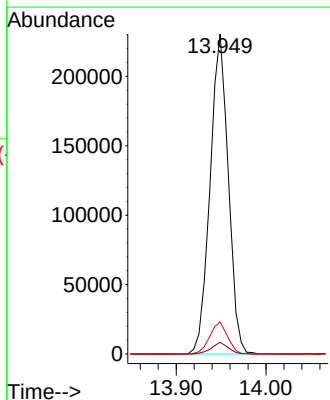
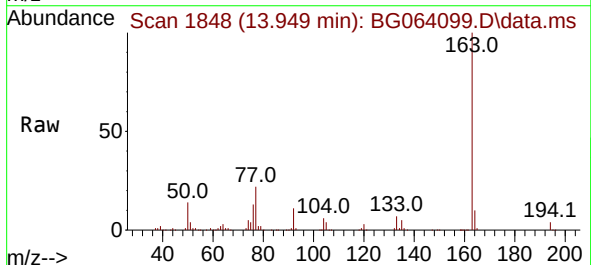
Manual Integrations
APPROVED

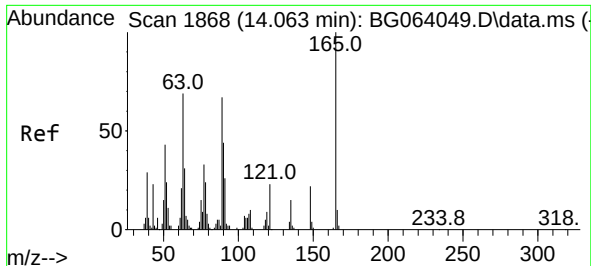
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#50
Dimethylphthalate
Concen: 41.864 ng
RT: 13.949 min Scan# 1848
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

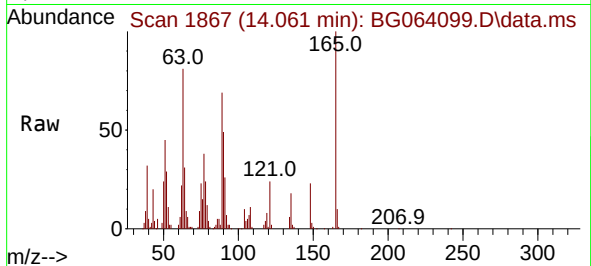
Tgt Ion:163 Resp: 324105
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.226 ng
RT: 14.061 min Scan# 1867
Delta R.T. -0.002 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

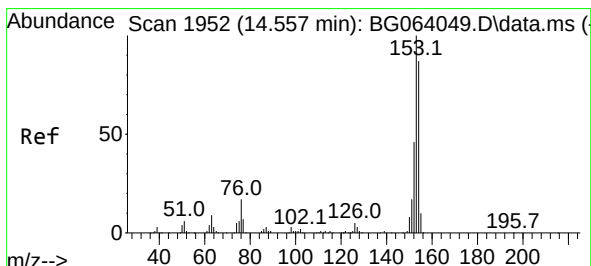
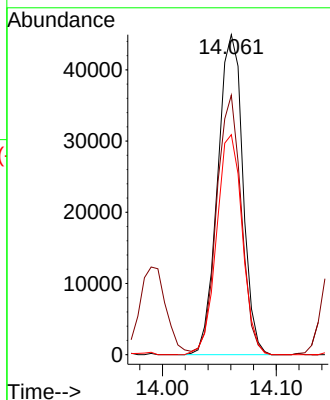
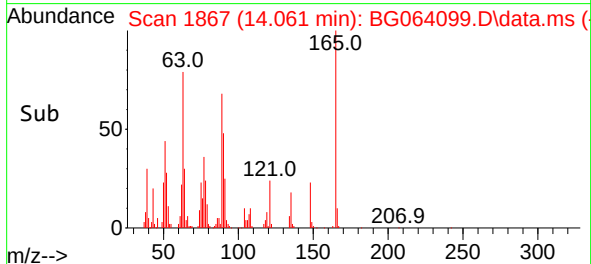
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion:165 Resp: 69010
Ion Ratio Lower Upper
165 100
63 81.1 56.7 85.1
89 68.7 53.7 80.5

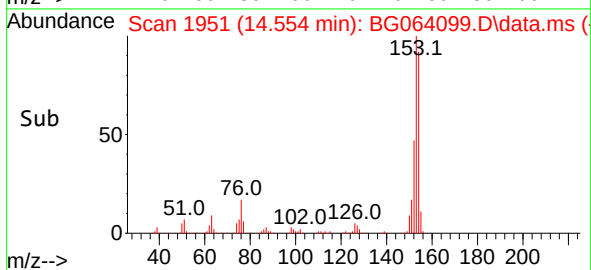
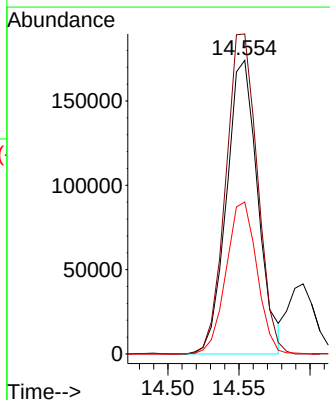
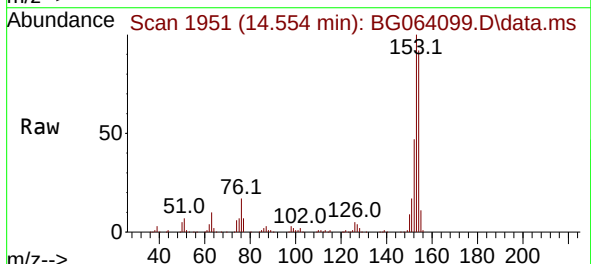
Manual Integrations
APPROVED

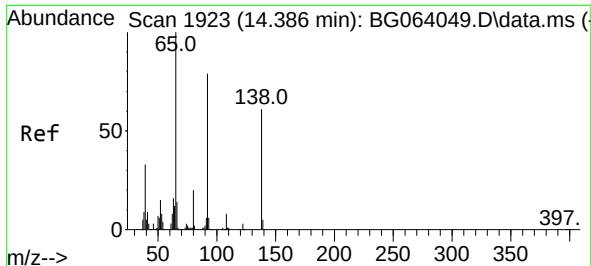
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#52
Acenaphthene
Concen: 43.598 ng
RT: 14.554 min Scan# 1951
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

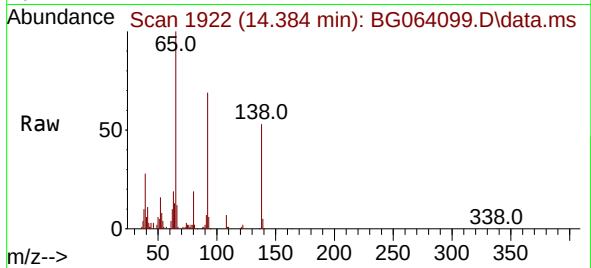
Tgt Ion:154 Resp: 267447
Ion Ratio Lower Upper
154 100
153 109.0 91.6 137.4
152 51.7 42.5 63.7





#53
3-Nitroaniline
Concen: 25.948 ng
RT: 14.384 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

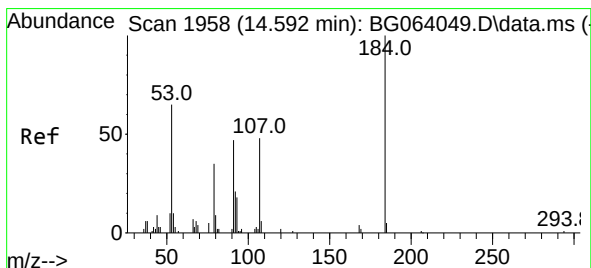
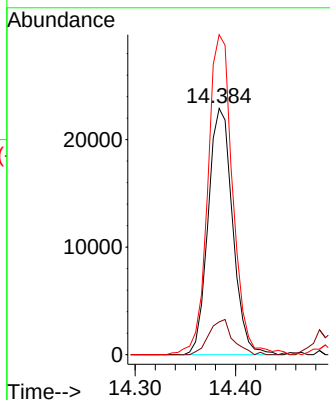
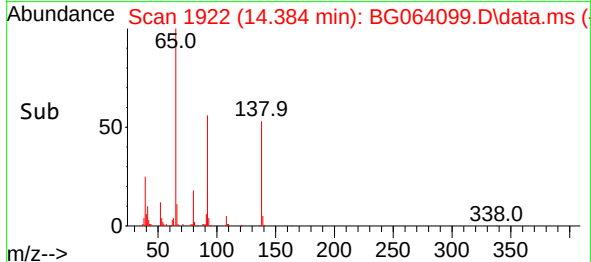
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion:138 Resp: 38820
Ion Ratio Lower Upper
138 100
108 13.3 10.1 15.1
92 129.9 104.1 156.1

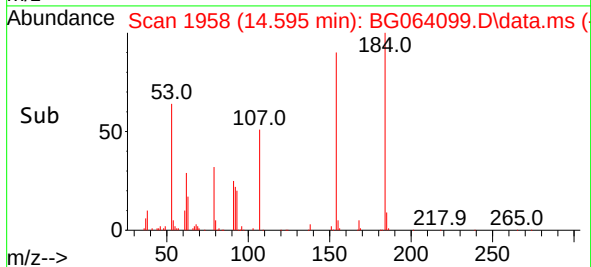
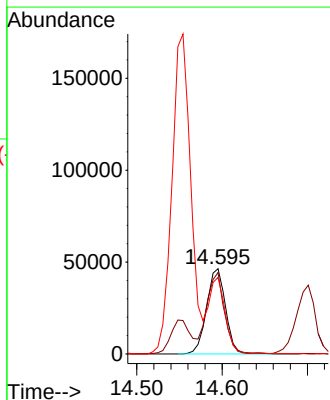
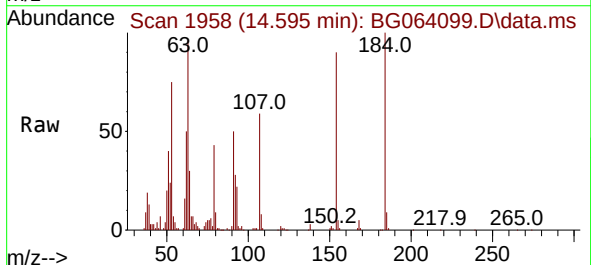
Manual Integrations
APPROVED

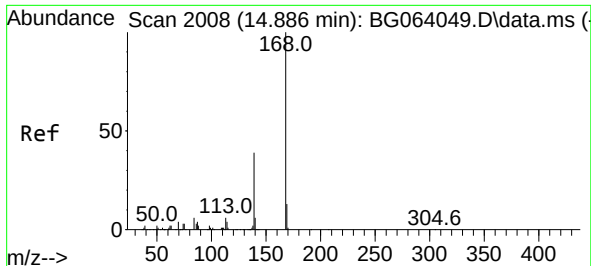
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#54
2,4-Dinitrophenol
Concen: 106.308 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:184 Resp: 71498
Ion Ratio Lower Upper
184 100
63 95.5 57.5 86.3#
154 89.6 52.3 78.5#





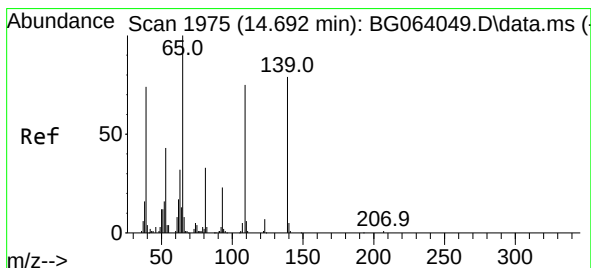
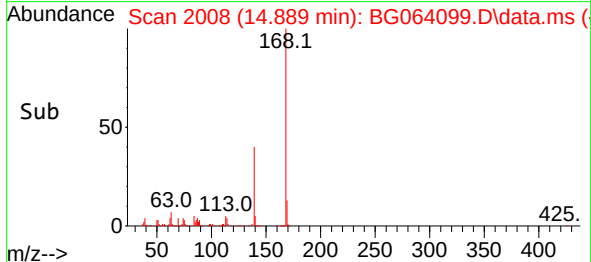
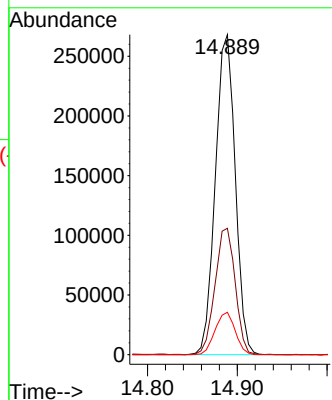
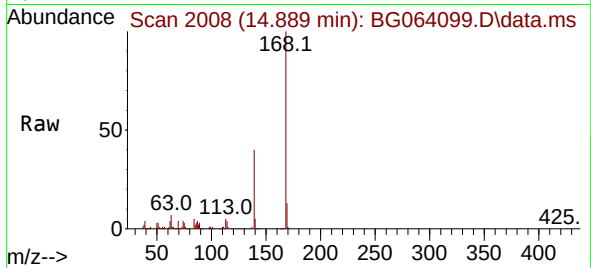
#55
Dibenzofuran
Concen: 41.448 ng
RT: 14.889 min Scan# 2008
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

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

Tgt Ion:168 Resp: 411899
Ion Ratio Lower Upper
168 100
139 39.5 31.1 46.7
169 13.2 10.5 15.7

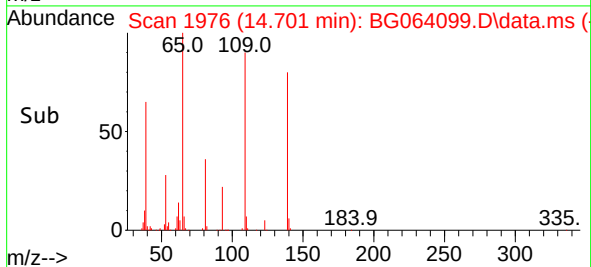
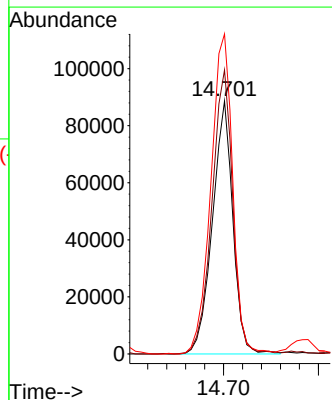
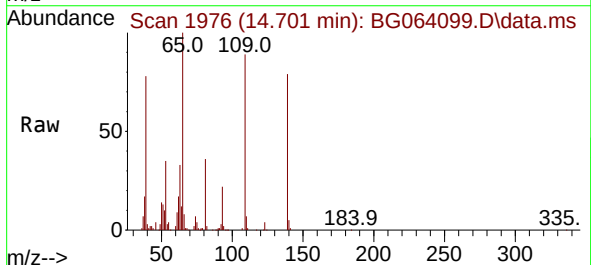
Manual Integrations
APPROVED

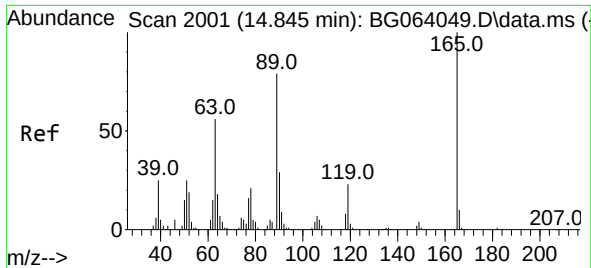
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#56
4-Nitrophenol
Concen: 106.157 ng
RT: 14.701 min Scan# 1976
Delta R.T. 0.009 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

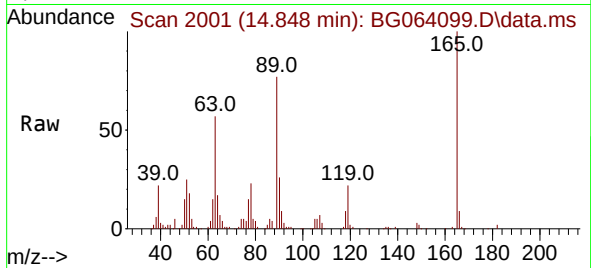
Tgt Ion:139 Resp: 133216
Ion Ratio Lower Upper
139 100
109 112.3 74.9 114.9
65 126.5 106.8 146.8





#57
2,4-Dinitrotoluene
Concen: 47.802 ng
RT: 14.848 min Scan# 2001
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

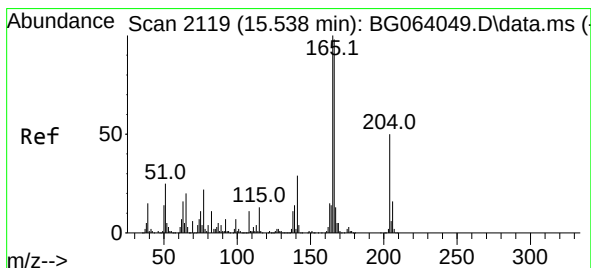
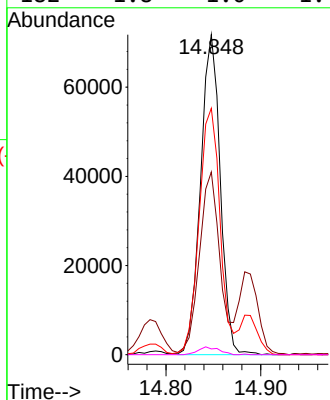
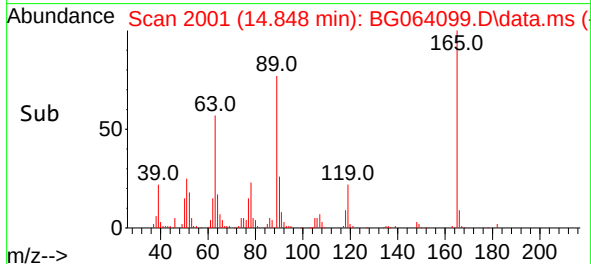
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion:165 Resp: 103560
Ion Ratio Lower Upper
165 100
63 57.1 45.0 67.6
89 77.0 63.1 94.7
182 1.8 1.0 1.4#

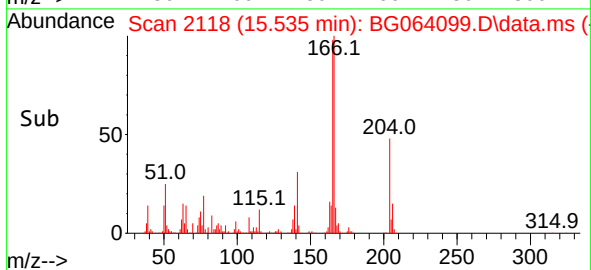
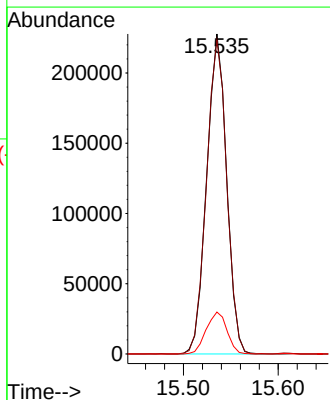
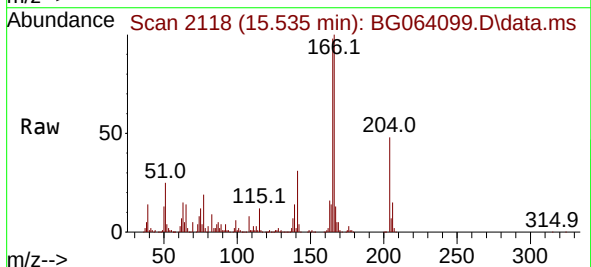
Manual Integrations
APPROVED

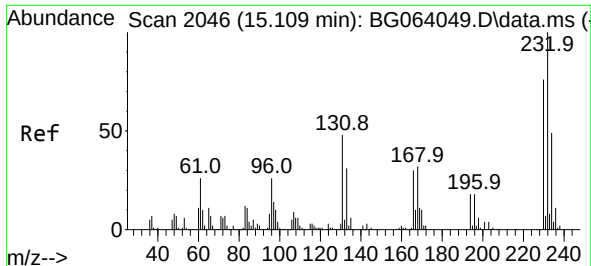
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#58
Fluorene
Concen: 42.901 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

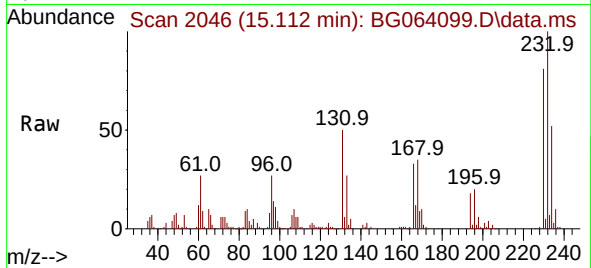
Tgt Ion:166 Resp: 332059
Ion Ratio Lower Upper
166 100
165 98.0 81.8 122.8
167 13.1 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.670 ng
RT: 15.112 min Scan# 2046
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

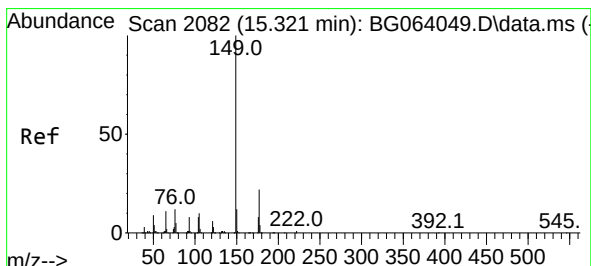
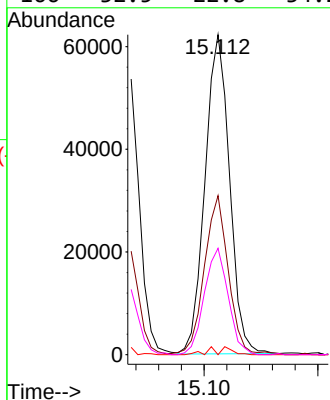
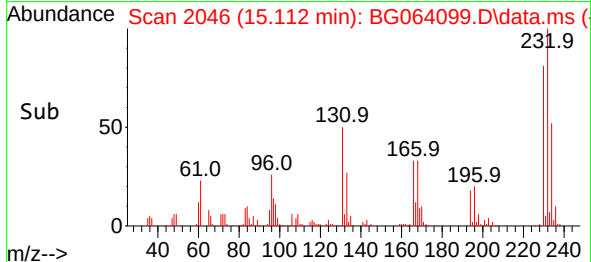
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



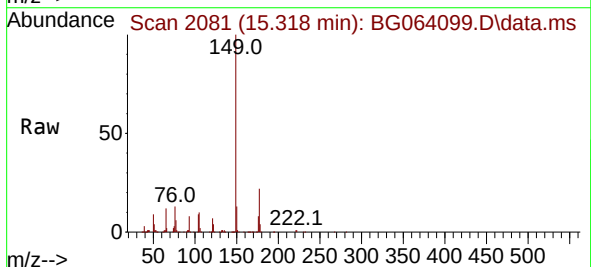
Tgt Ion:232 Resp: 93038
Ion Ratio Lower Upper
232 100
131 48.9 36.3 54.5
130 1.1 1.9 2.9
166 32.5 22.8 34.2

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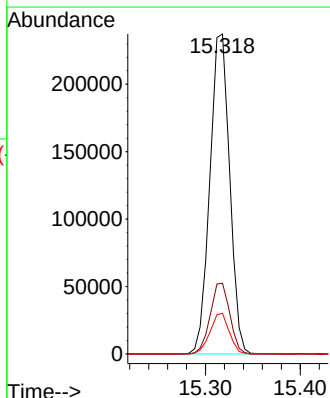
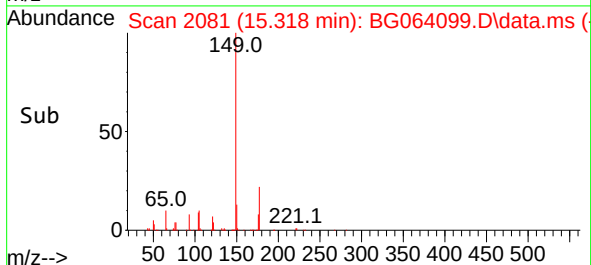
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

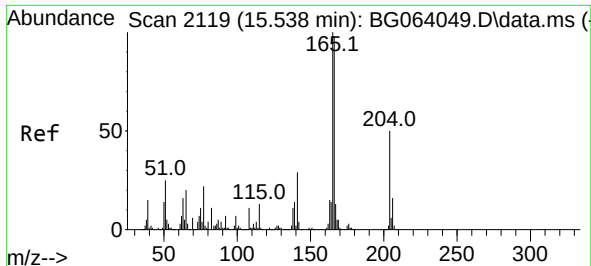


#60
Diethylphthalate
Concen: 40.912 ng
RT: 15.318 min Scan# 2081
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18



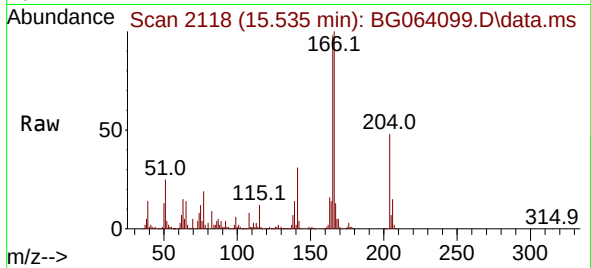
Tgt Ion:149 Resp: 343845
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.2
150 12.7 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 41.764 ng
RT: 15.535 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

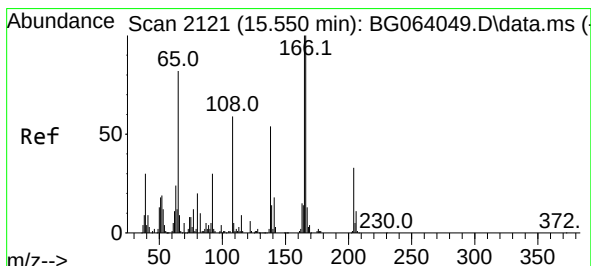
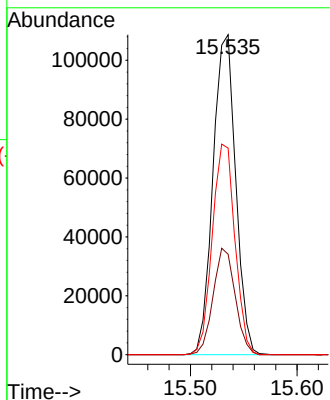
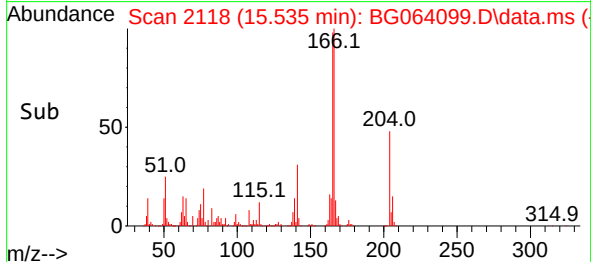
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



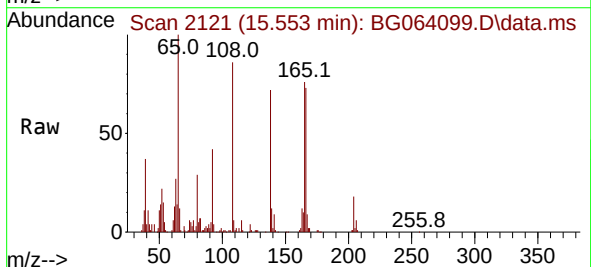
Tgt Ion:204 Resp: 16063
Ion Ratio Lower Upper
204 100
206 31.4 25.5 38.3
141 64.6 45.4 68.0

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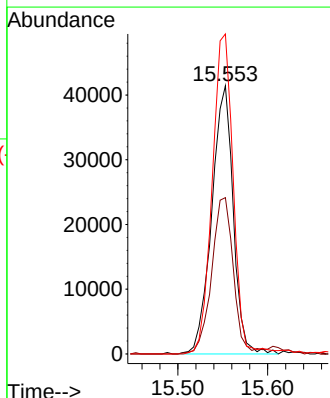
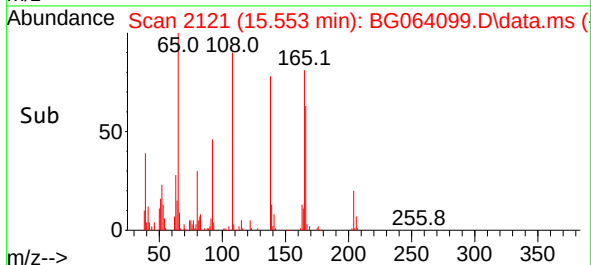
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

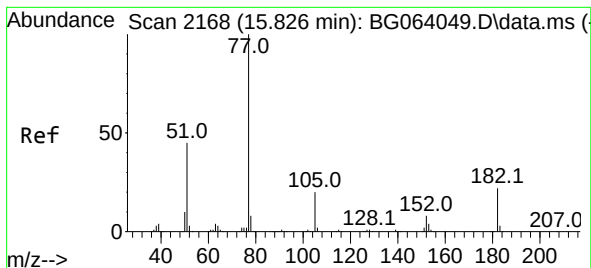


#62
4-Nitroaniline
Concen: 42.648 ng
RT: 15.553 min Scan# 2121
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18



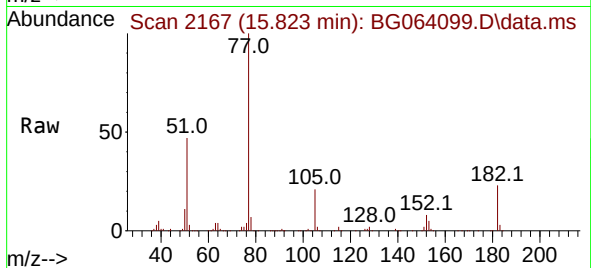
Tgt Ion:138 Resp: 68896
Ion Ratio Lower Upper
138 100
92 58.3 36.1 76.1
108 119.3 87.9 127.9





#63
Azobenzene
Concen: 45.723 ng
RT: 15.823 min Scan# 2167
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

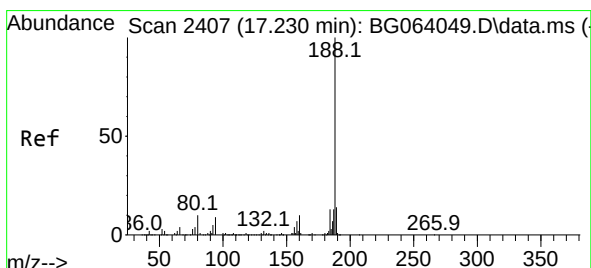
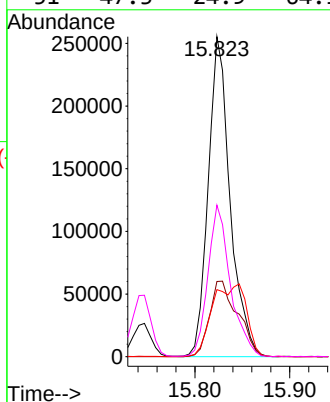
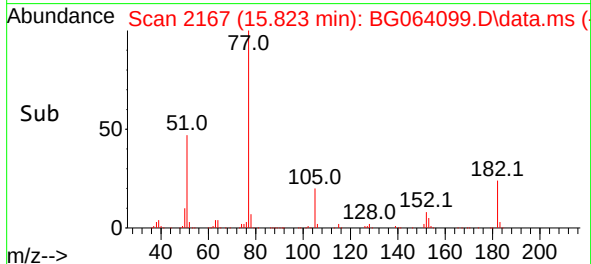
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion: 77 Resp: 410064
Ion Ratio Lower Upper
77 100
182 23.5 2.4 42.4
105 21.0 0.0 40.0
51 47.3 24.9 64.9

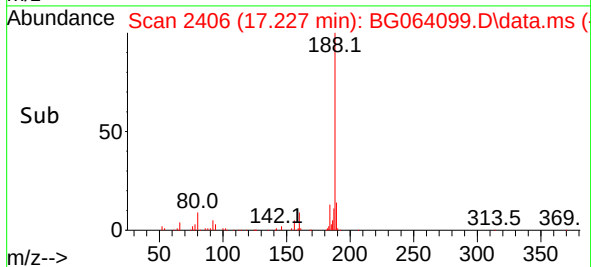
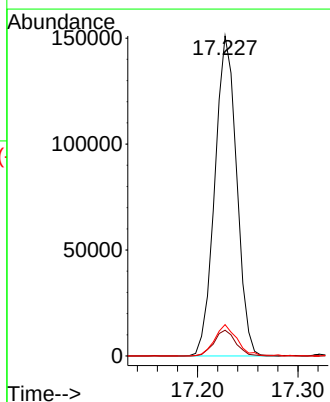
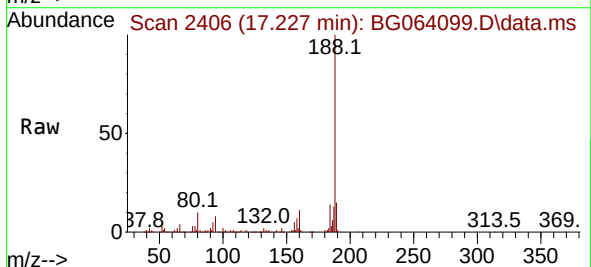
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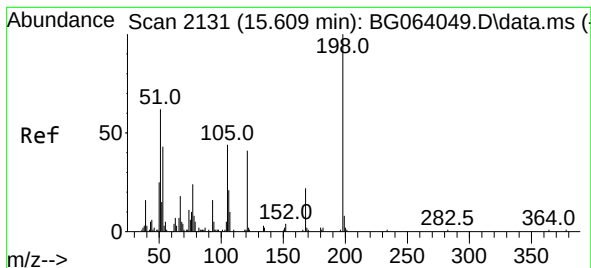
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:188 Resp: 227860
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.8 8.1 12.1





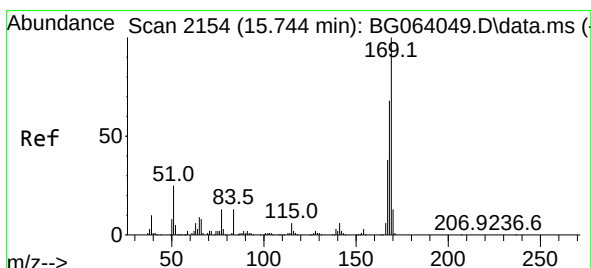
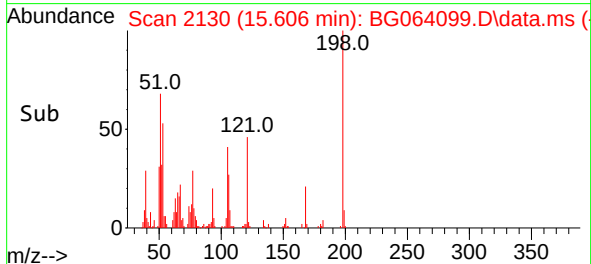
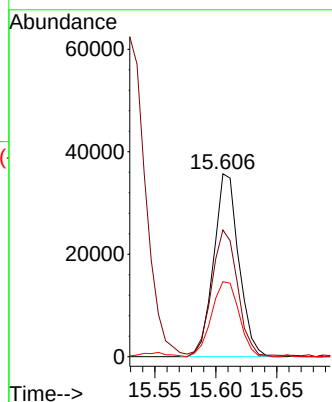
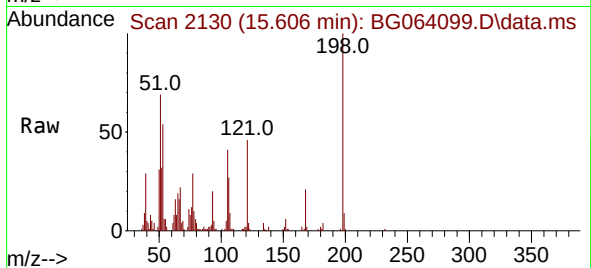
#65
4,6-Dinitro-2-methylphenol
Concen: 51.236 ng
RT: 15.606 min Scan# 2131
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

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

Tgt Ion:198 Resp: 51090
Ion Ratio Lower Upper
198 100
51 69.2 45.6 85.6
105 41.0 25.3 65.3

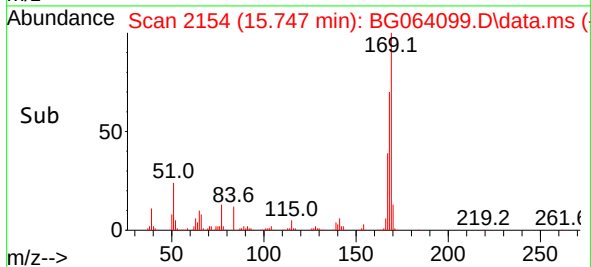
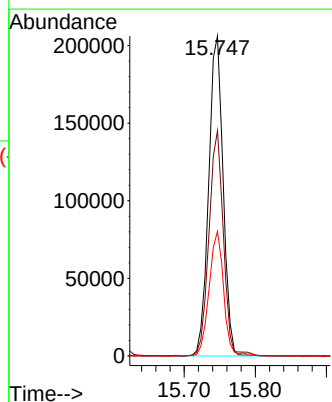
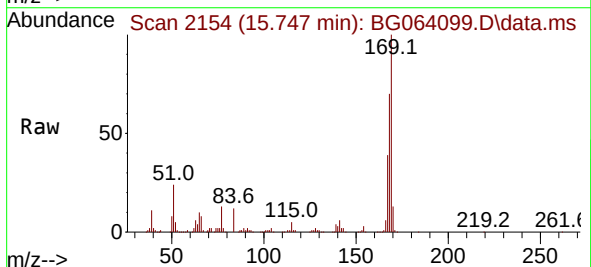
Manual Integrations
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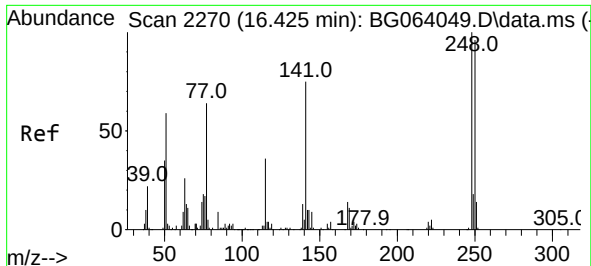
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#66
n-Nitrosodiphenylamine
Concen: 45.095 ng
RT: 15.747 min Scan# 2154
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

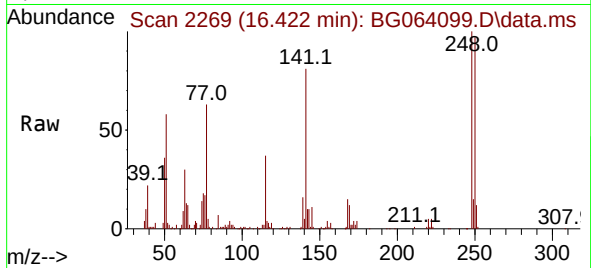
Tgt Ion:169 Resp: 290857
Ion Ratio Lower Upper
169 100
168 70.4 54.1 81.1
167 38.9 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 45.834 ng
RT: 16.422 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

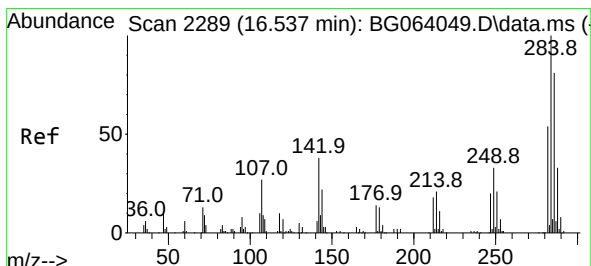
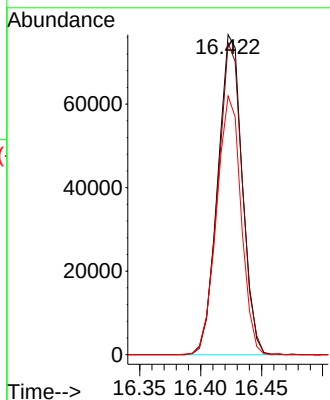
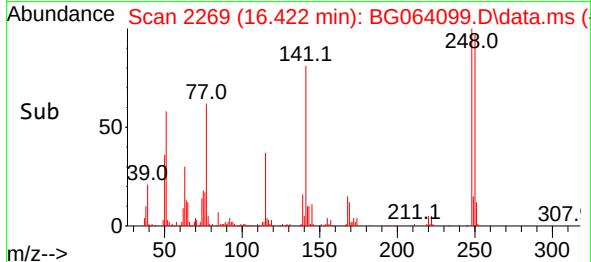
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



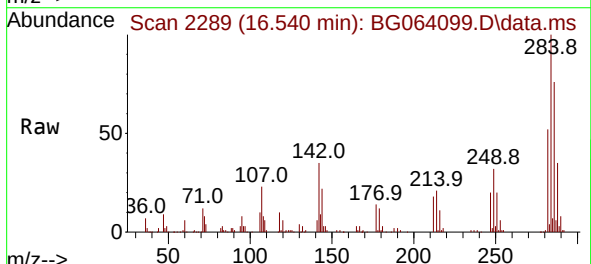
Tgt Ion:248 Resp: 106964
Ion Ratio Lower Upper
248 100
250 97.4 77.1 115.7
141 80.9 59.8 89.8

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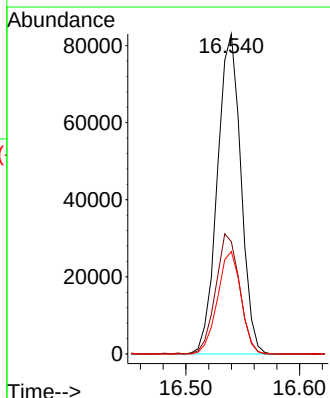
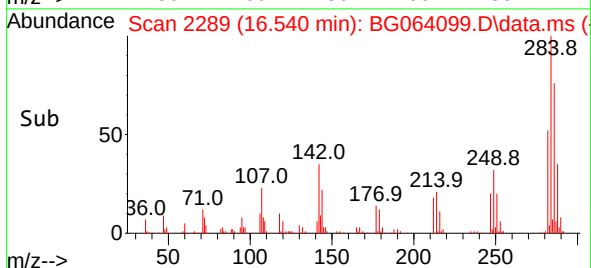
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

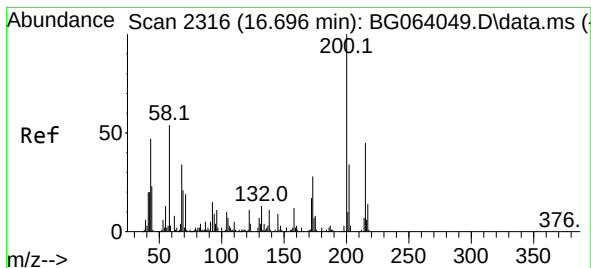


#68
Hexachlorobenzene
Concen: 45.713 ng
RT: 16.540 min Scan# 2289
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18



Tgt Ion:284 Resp: 119434
Ion Ratio Lower Upper
284 100
142 35.1 30.6 45.8
249 32.0 26.6 39.8





#69

Atrazine

Concen: 66.156 ng

RT: 16.699 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

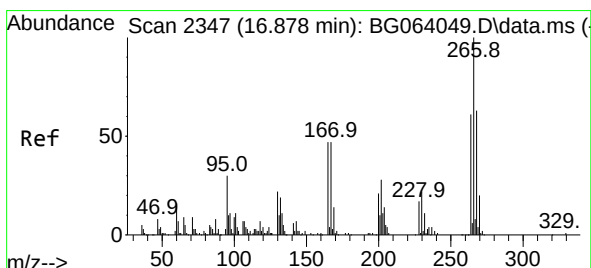
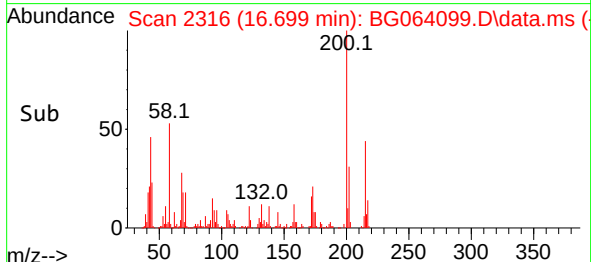
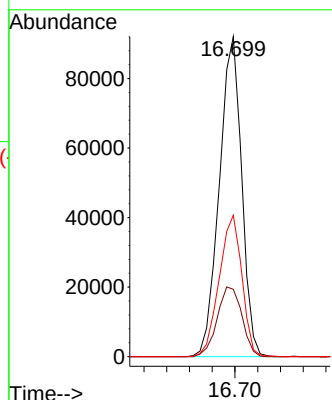
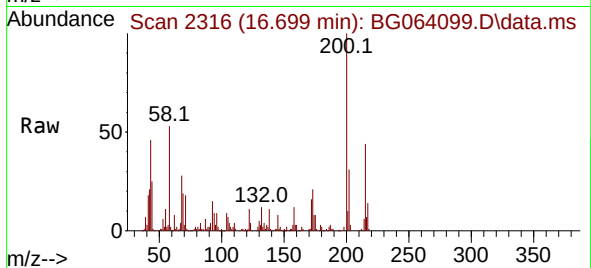
OR-363-COMP-18MSD

Tgt Ion:200 Resp: 12554
 Ion Ratio Lower Upper
 200 100
 173 21.1 8.2 48.2
 215 44.2 25.5 65.5

Manual Integrations

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 Supervised By :Jagrut Upadhyay 03/12/2025



#70

Pentachlorophenol

Concen: 101.826 ng

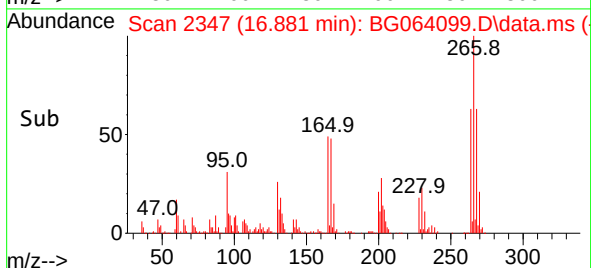
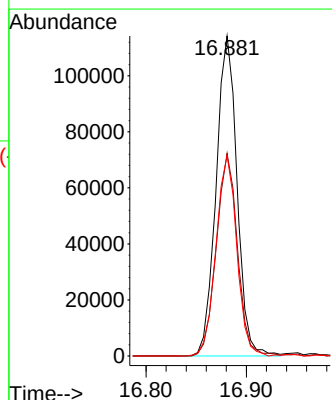
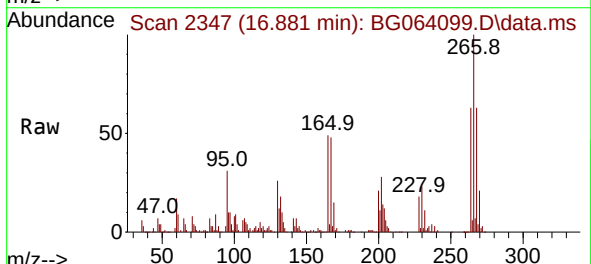
RT: 16.881 min Scan# 2347

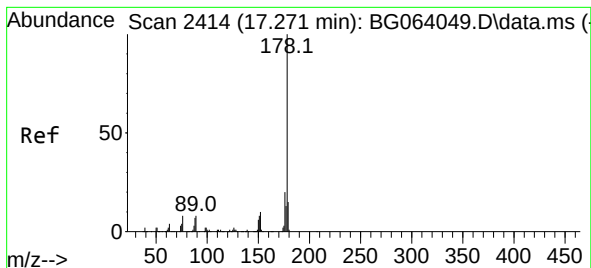
Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Tgt Ion:266 Resp: 165181
 Ion Ratio Lower Upper
 266 100
 268 63.3 50.2 75.4
 264 62.6 48.9 73.3





#71

Phenanthrene

Concen: 48.824 ng

RT: 17.269 min Scan# 2413

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

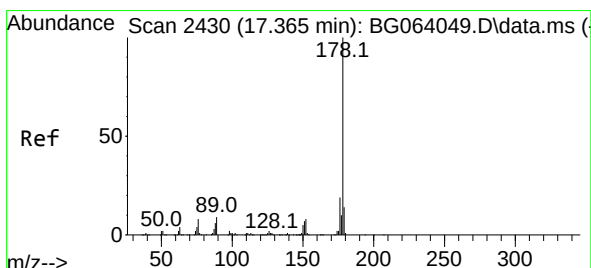
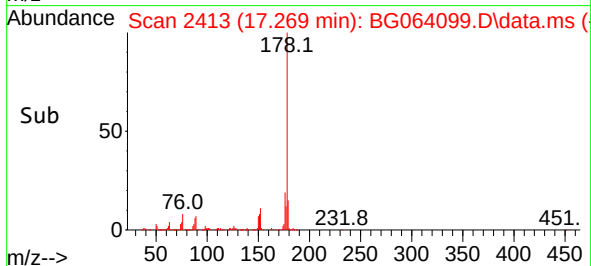
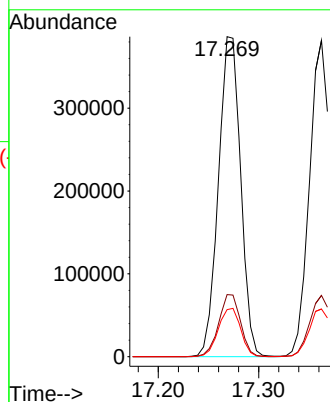
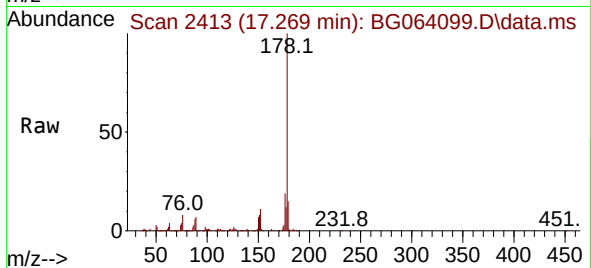
OR-363-COMP-18MSD

Tgt Ion:178 Resp: 59338
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 14.7 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: 46.485 ng

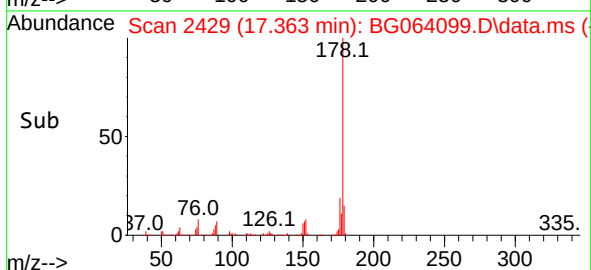
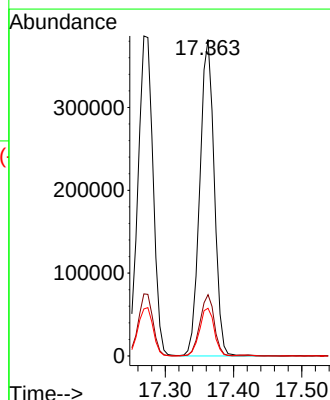
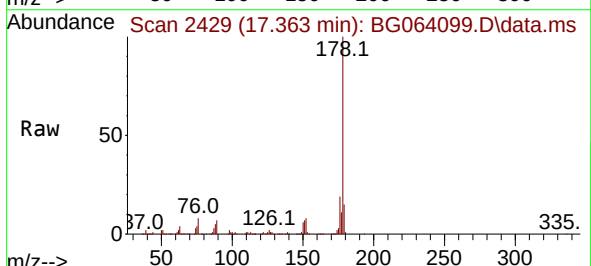
RT: 17.363 min Scan# 2429

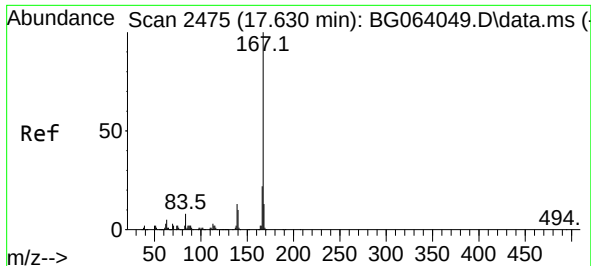
Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

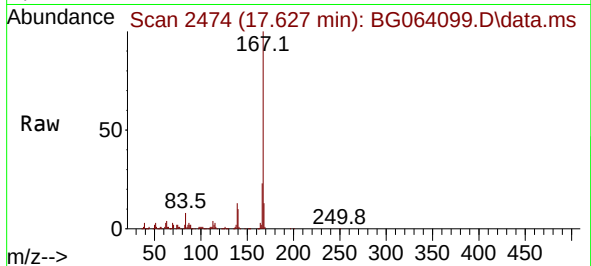
Tgt Ion:178 Resp: 561767
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.8 22.2
 179 15.1 11.5 17.3





#73
 Carbazole
 Concen: 44.894 ng
 RT: 17.627 min Scan# 2474
 Delta R.T. -0.003 min
 Lab File: BG064099.D
 Acq: 11 Mar 2025 17:18

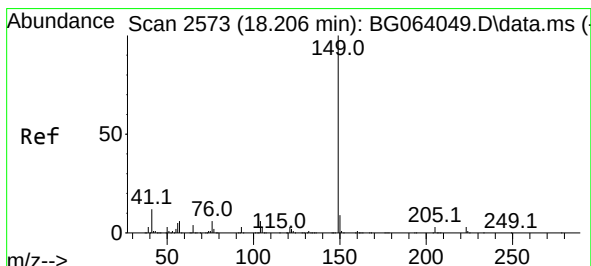
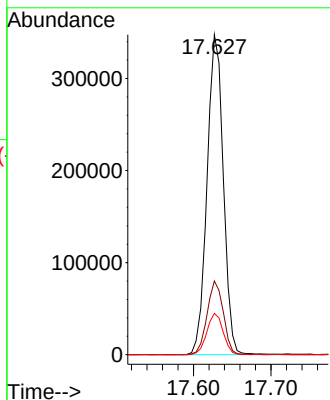
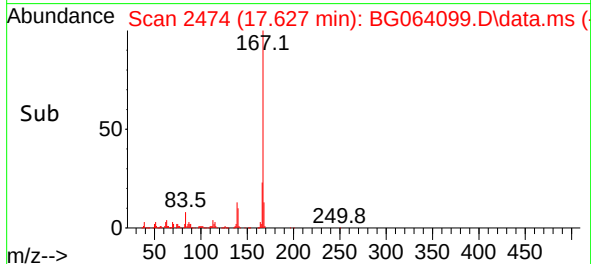
Instrument :
 BNA_G
 ClientSampleId :
 OR-363-COMP-18MSD



Tgt Ion:167 Resp: 50655
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.0 27.0
 139 12.9 10.6 15.8

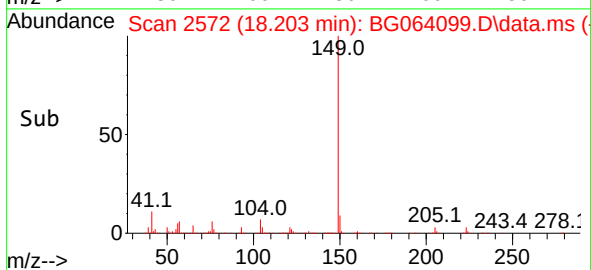
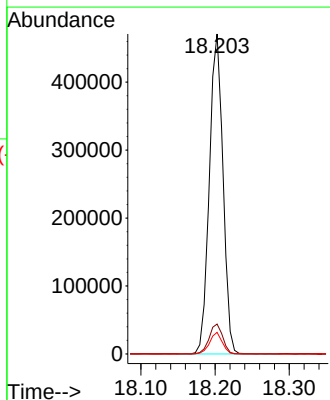
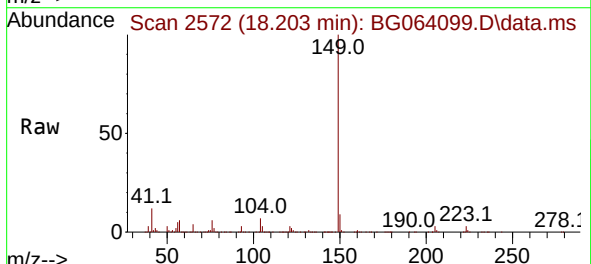
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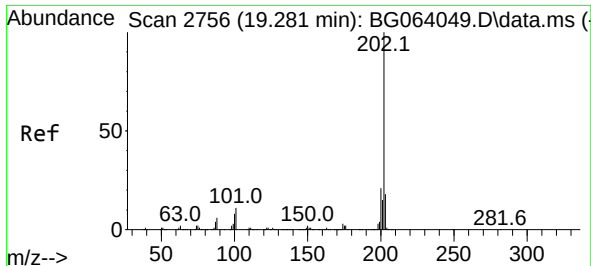
Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025



#74
 Di-n-butylphthalate
 Concen: 45.246 ng
 RT: 18.203 min Scan# 2572
 Delta R.T. -0.003 min
 Lab File: BG064099.D
 Acq: 11 Mar 2025 17:18

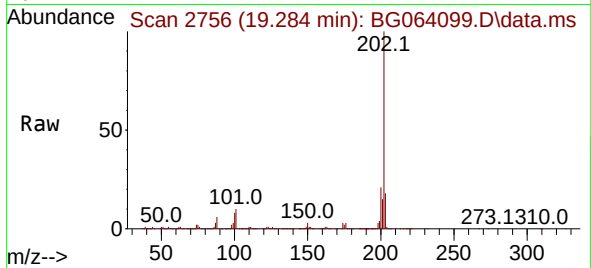
Tgt Ion:149 Resp: 600944
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 6.8 5.0 7.6





#75
Fluoranthene
Concen: 53.206 ng
RT: 19.284 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

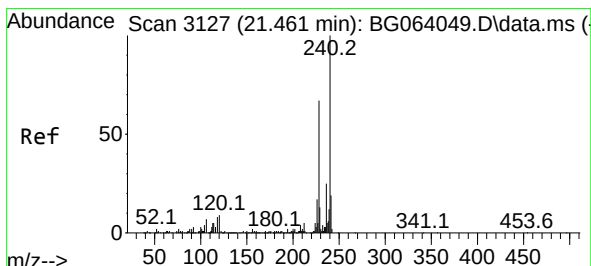
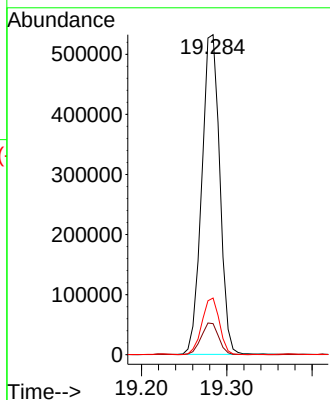
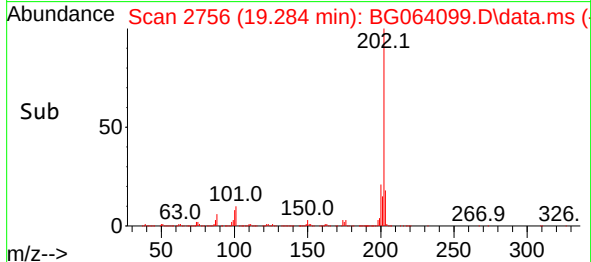
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion:202 Resp: 77957
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.5
203 17.7 0.0 38.3

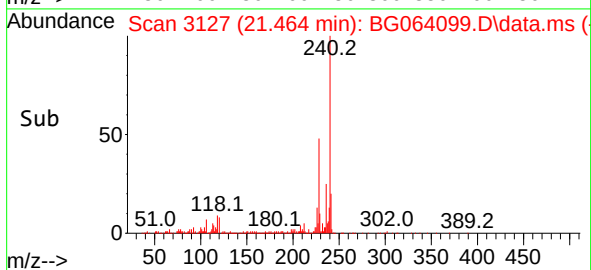
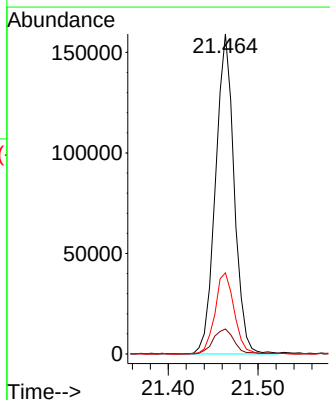
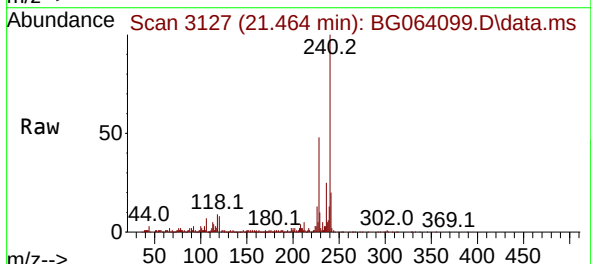
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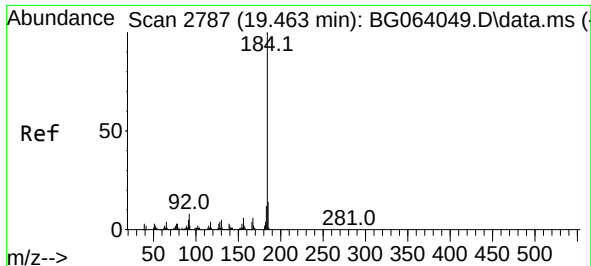
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.464 min Scan# 3127
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

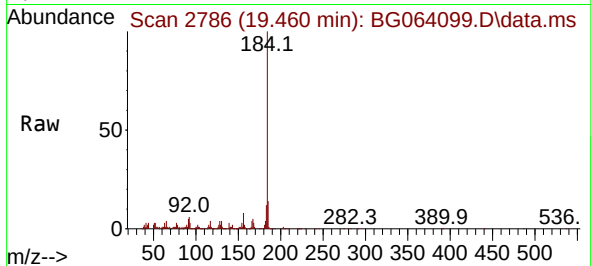
Tgt Ion:240 Resp: 229044
Ion Ratio Lower Upper
240 100
120 7.8 7.2 10.8
236 25.4 20.2 30.2





#77
Benzidine
Concen: 53.944 ng
RT: 19.460 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

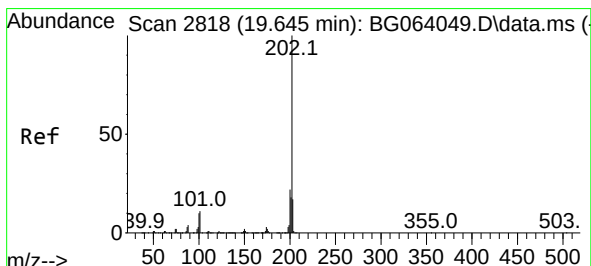
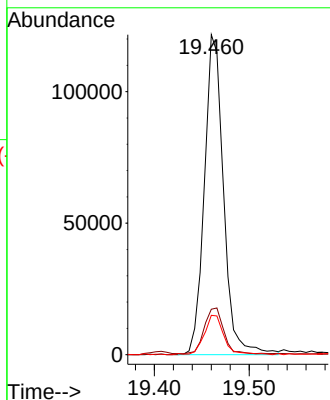
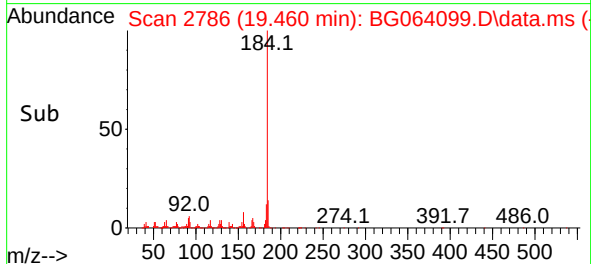
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion:184 Resp: 171089
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 12.3 9.5 14.3

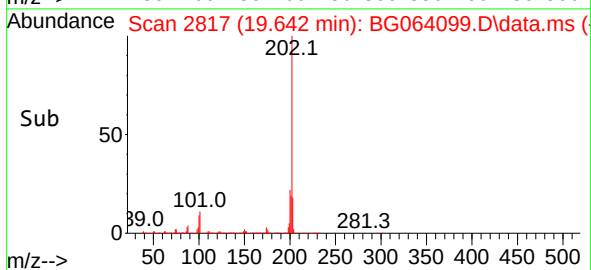
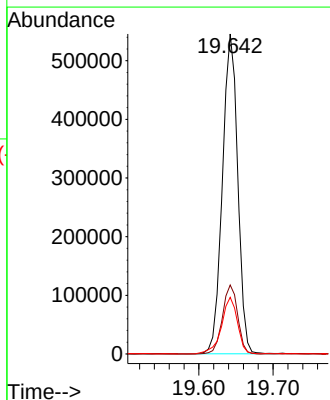
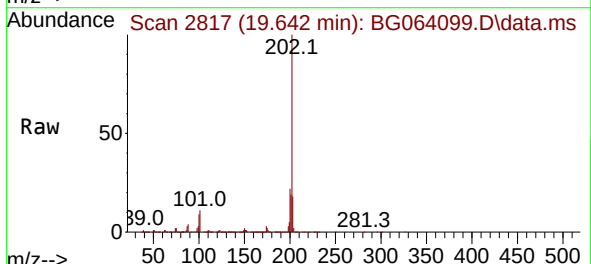
Manual Integrations
APPROVED

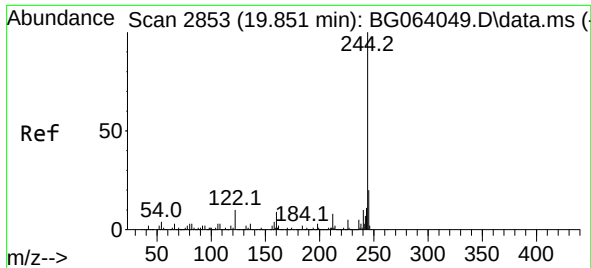
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#78
Pyrene
Concen: 53.005 ng
RT: 19.642 min Scan# 2817
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

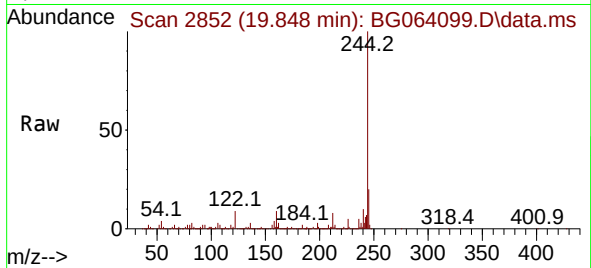
Tgt Ion:202 Resp: 782598
Ion Ratio Lower Upper
202 100
200 21.6 17.3 25.9
203 17.7 13.6 20.4





#79
Terphenyl-d14
Concen: 63.382 ng
RT: 19.848 min Scan# 2852
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

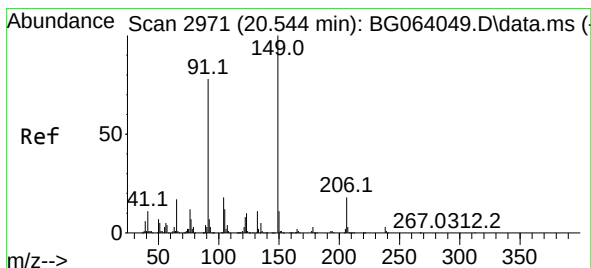
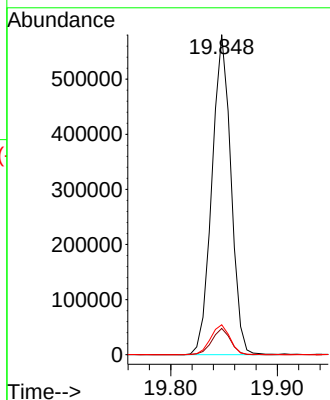
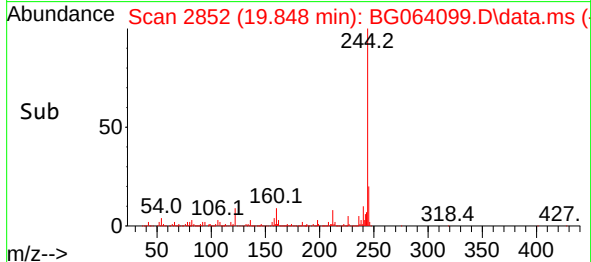
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion:244 Resp: 717970
Ion Ratio Lower Upper
244 100
212 8.2 6.2 9.4
122 9.3 8.0 12.0

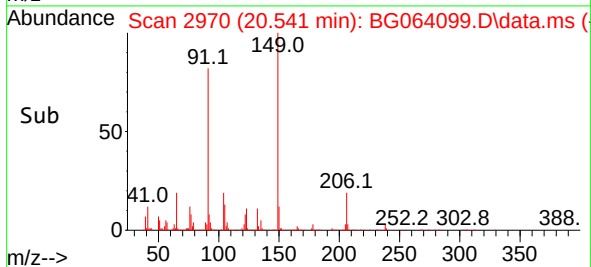
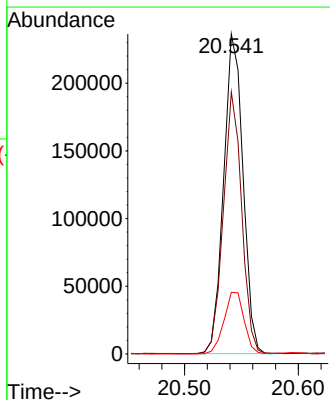
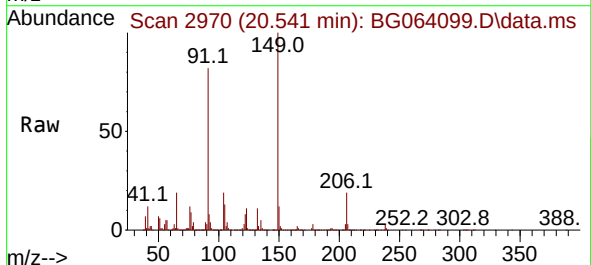
Manual Integrations
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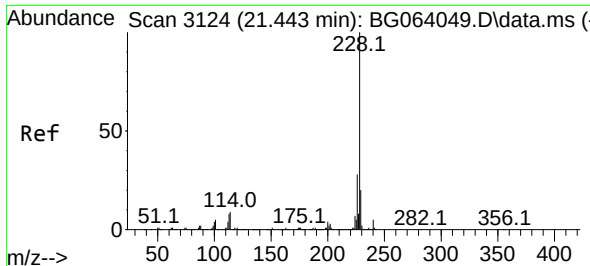
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#80
Butylbenzylphthalate
Concen: 50.232 ng
RT: 20.541 min Scan# 2970
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

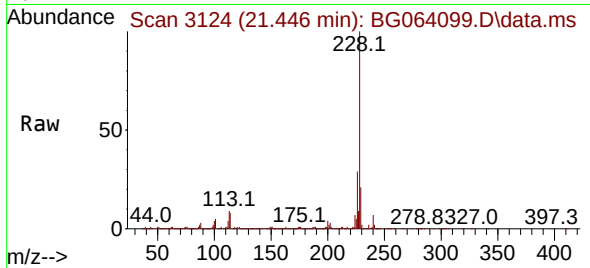
Tgt Ion:149 Resp: 279315
Ion Ratio Lower Upper
149 100
91 81.8 62.0 93.0
206 19.2 14.6 21.8





#81
Benzo(a)anthracene
Concen: 50.864 ng
RT: 21.446 min Scan# 3110
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

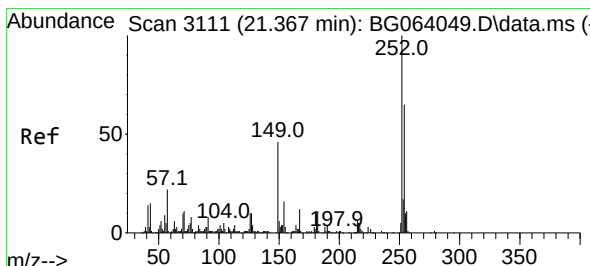
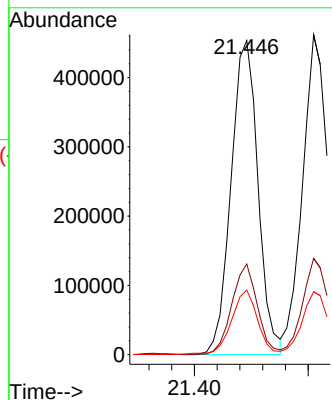
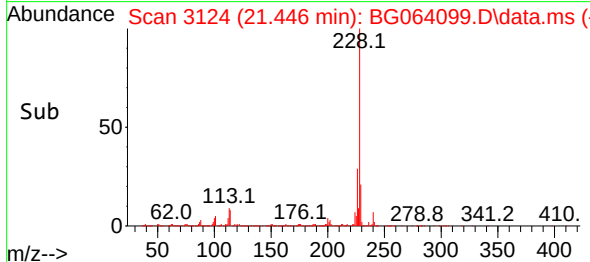
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion:228 Resp: 746274
Ion Ratio Lower Upper
228 100
226 28.9 22.2 33.2
229 20.6 16.4 24.6

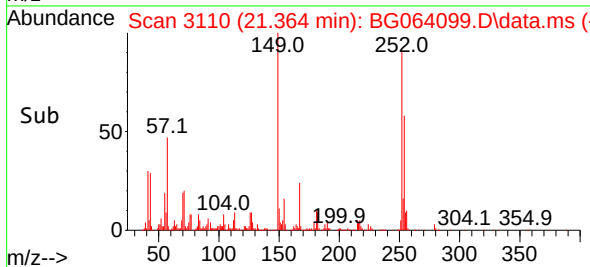
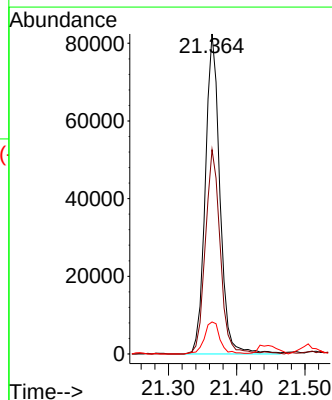
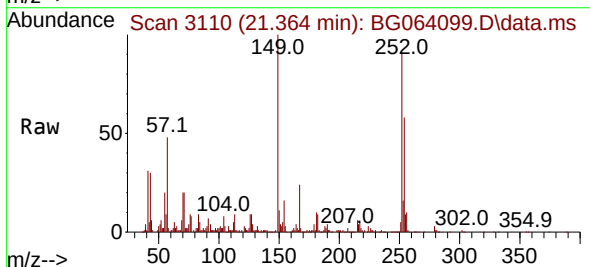
Manual Integrations
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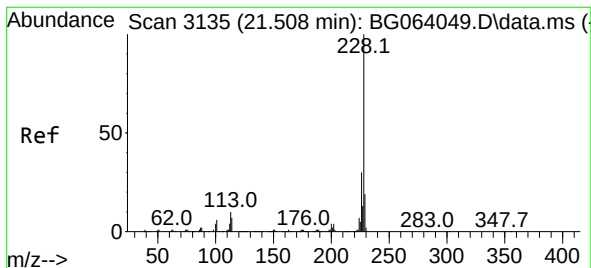
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 25.814 ng
RT: 21.364 min Scan# 3110
Delta R.T. -0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:252 Resp: 122574
Ion Ratio Lower Upper
252 100
254 63.9 52.1 78.1
126 10.0 7.8 11.8





#83

Chrysene

Concen: 49.422 ng

RT: 21.505 min Scan# 3135

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

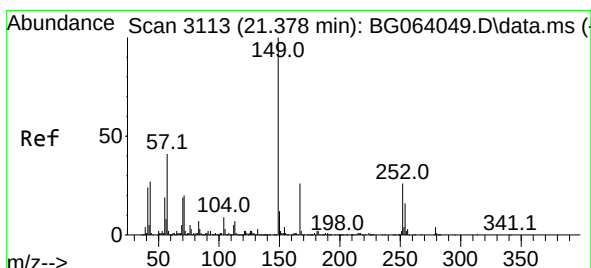
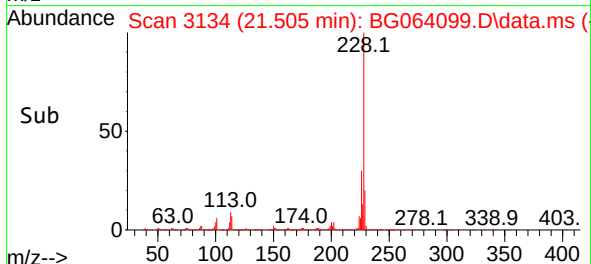
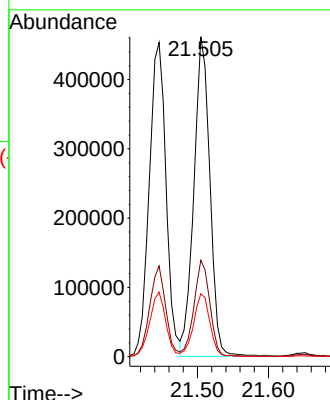
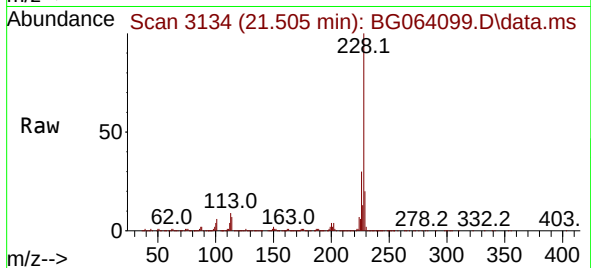
ClientSampleId :

OR-363-COMP-18MSD

Tgt Ion:228 Resp: 723205
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.9 35.9
 229 19.6 15.3 22.9

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.911 ng

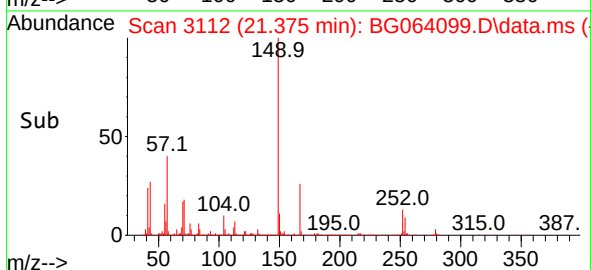
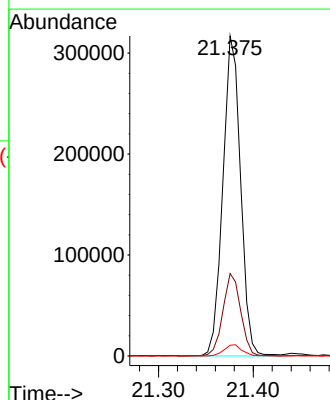
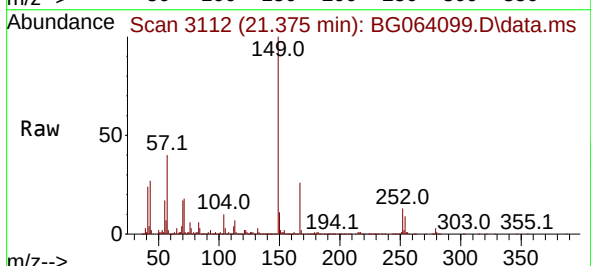
RT: 21.375 min Scan# 3112

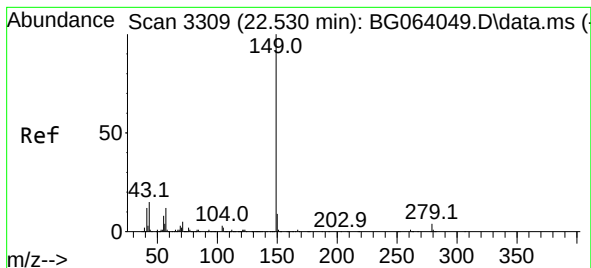
Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Tgt Ion:149 Resp: 411903
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.0 31.6
 279 3.4 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 51.776 ng

RT: 22.521 min Scan# 3309

Delta R.T. -0.009 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

Tgt Ion:149 Resp: 70863

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

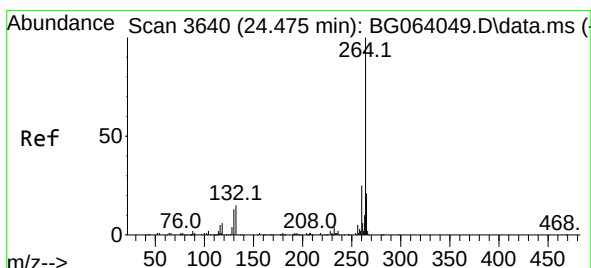
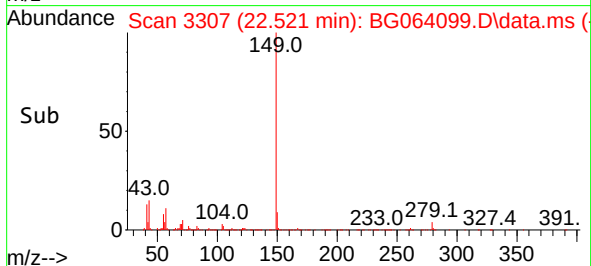
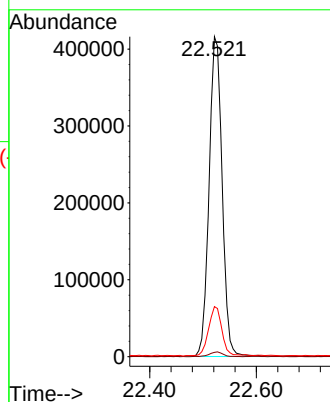
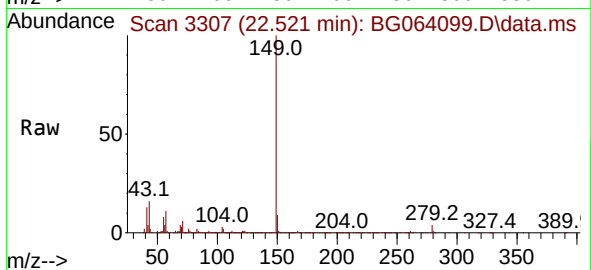
43 15.9 12.6 19.0

Manual Integrations

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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: 24.478 min Scan# 3640

Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

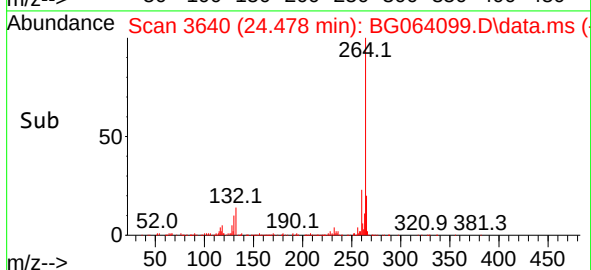
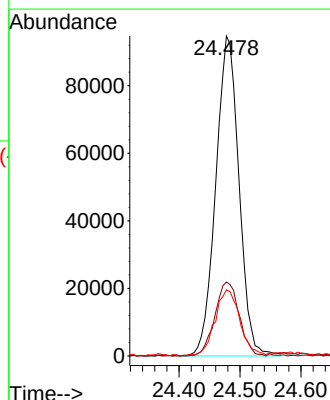
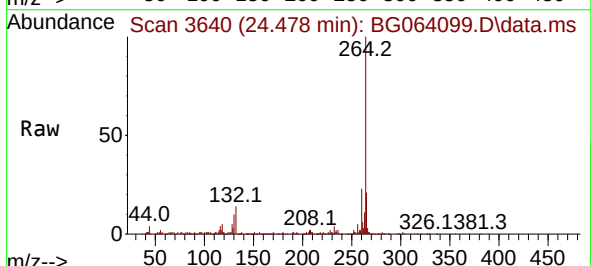
Tgt Ion:264 Resp: 250751

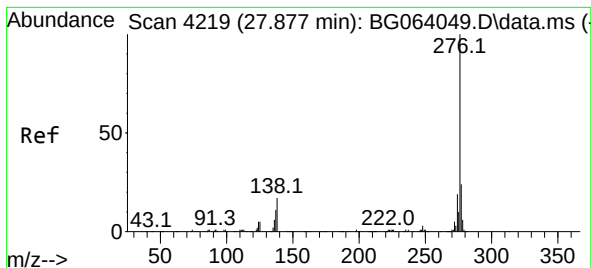
Ion Ratio Lower Upper

264 100

260 23.1 19.6 29.4

265 20.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.151 ng

RT: 27.885 min Scan# 4219

Delta R.T. 0.009 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

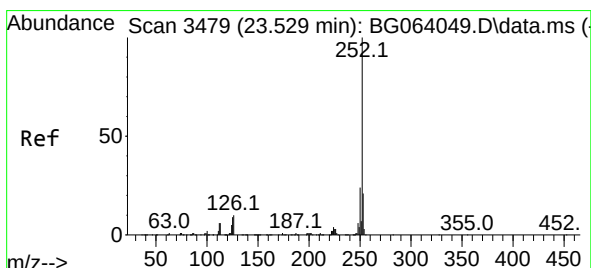
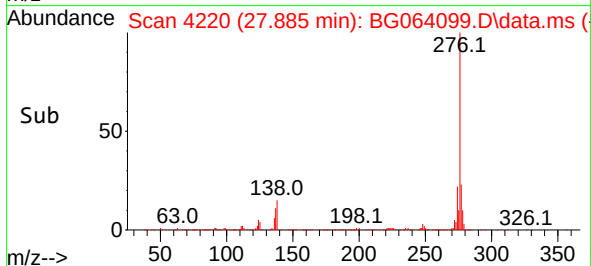
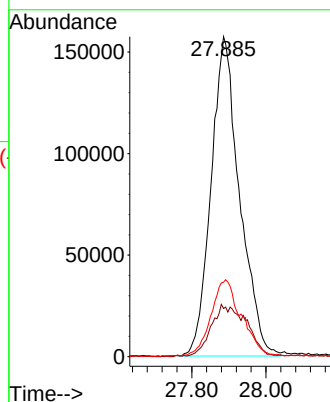
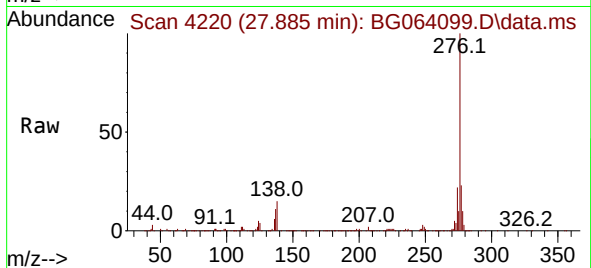
Tgt Ion:276 Resp: 841394
 Ion Ratio Lower Upper
 276 100
 138 9.4 12.1 18.1
 277 25.2 20.0 30.0

Manual Integrations

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Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#88

Benzo(b)fluoranthene

Concen: 49.703 ng

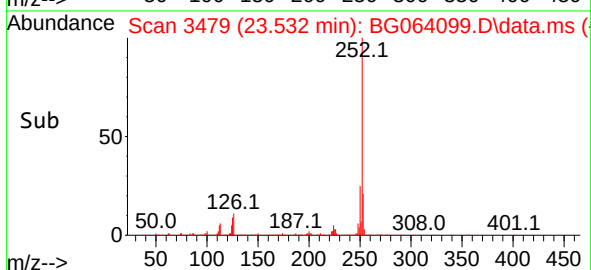
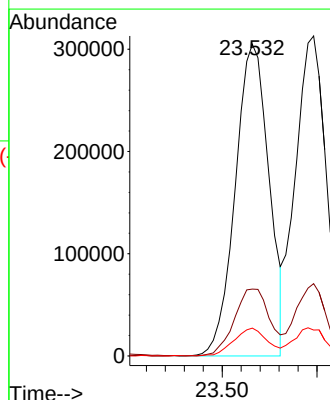
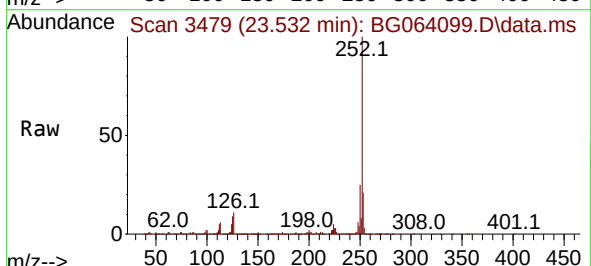
RT: 23.532 min Scan# 3479

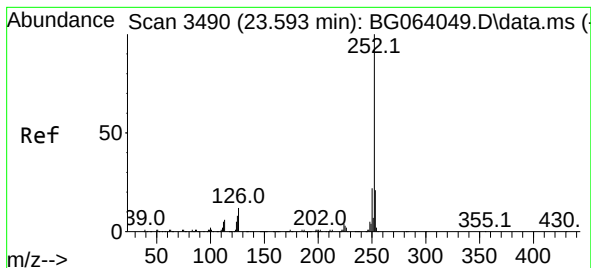
Delta R.T. 0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

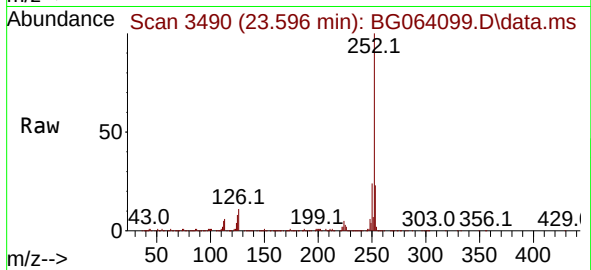
Tgt Ion:252 Resp: 753441
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.0 25.4
 125 8.9 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 47.515 ng
RT: 23.596 min Scan# 3490
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

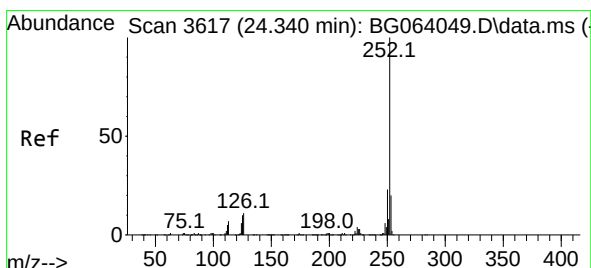
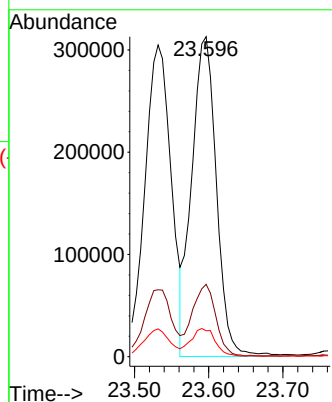
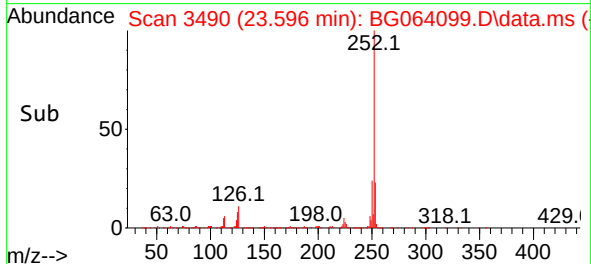
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-18MSD



Tgt Ion:252 Resp: 722579
Ion Ratio Lower Upper
252 100
253 22.6 16.8 25.2
125 8.1 6.9 10.3

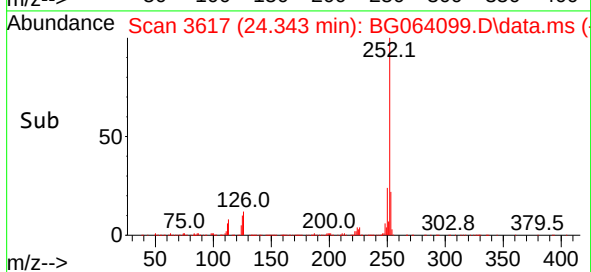
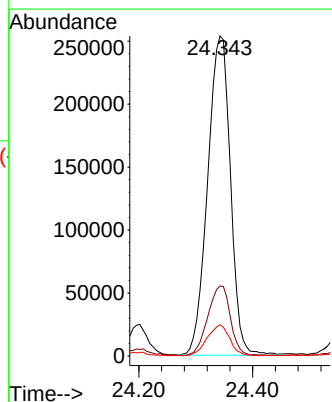
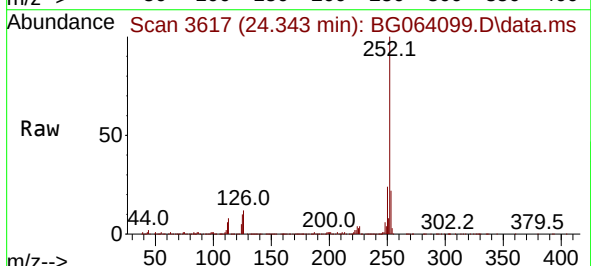
Manual Integrations
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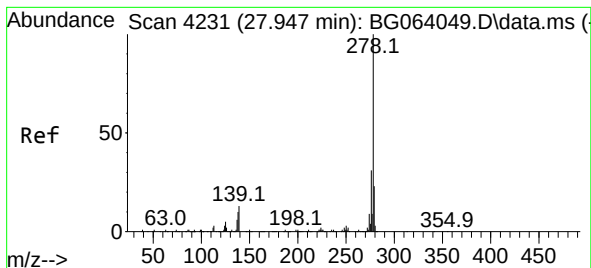
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#90
Benzo(a)pyrene
Concen: 52.234 ng
RT: 24.343 min Scan# 3617
Delta R.T. 0.003 min
Lab File: BG064099.D
Acq: 11 Mar 2025 17:18

Tgt Ion:252 Resp: 705169
Ion Ratio Lower Upper
252 100
253 21.8 16.2 24.2
125 9.8 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 47.066 ng

RT: 27.944 min Scan# 41

Delta R.T. -0.003 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-18MSD

Tgt Ion:278 Resp: 65464

Ion Ratio Lower Upper

278 100

139 13.5 10.2 15.2

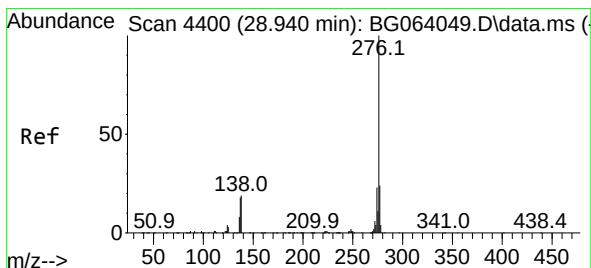
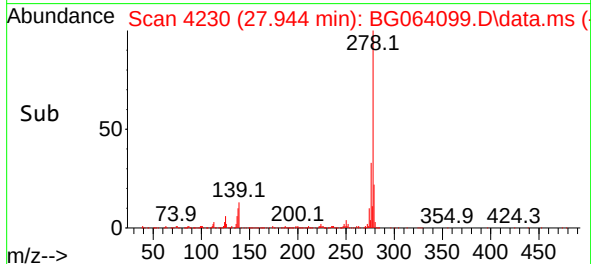
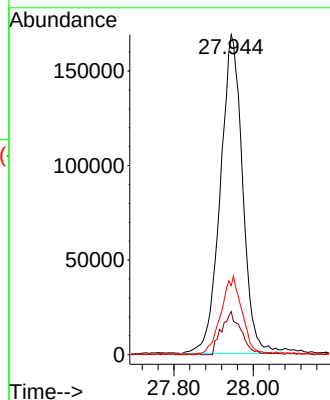
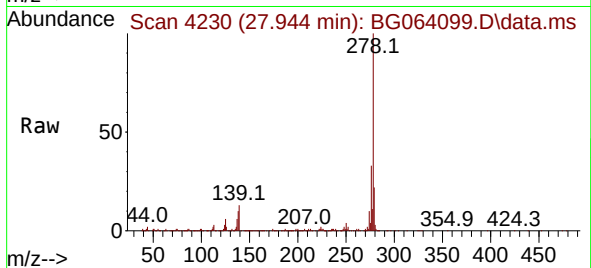
279 21.6 18.1 27.1

Manual Integrations

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Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#92

Benzo(g,h,i)perylene

Concen: 47.348 ng

RT: 28.949 min Scan# 4401

Delta R.T. 0.009 min

Lab File: BG064099.D

Acq: 11 Mar 2025 17:18

Tgt Ion:276 Resp: 676156

Ion Ratio Lower Upper

276 100

277 23.2 19.5 29.3

138 17.0 15.4 23.0

