

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
 Data File : BG064058.D
 Acq On : 7 Mar 2025 14:18
 Operator : RC/JU
 Sample : PB167031BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB167031BS

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025

Supervised By :Jagrut Upadhyay 03/10/2025

Quant Time: Mar 07 14:57:55 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)
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Internal Standards

1) 1,4-Dichlorobenzene-d4	7.864	152	37350	20.000	ng	0.00
21) Naphthalene-d8	10.655	136	167596	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	115306	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	265788	20.000	ng	0.00
76) Chrysene-d12	21.466	240	268408	20.000	ng	0.00
86) Perylene-d12	24.480	264	290005	20.000	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.455	112	314786	131.599	ng	0.00
7) Phenol-d6	7.036	99	416430	127.972	ng	0.00
23) Nitrobenzene-d5	9.016	82	264399	87.181	ng	0.00
42) 2,4,6-Tribromophenol	15.978	330	179892	140.353	ng	0.00
45) 2-Fluorobiphenyl	13.117	172	634957	83.585	ng	0.00
79) Terphenyl-d14	19.850	244	1172088	88.297	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.369	88	40790	37.627	ng	93
3) Pyridine	3.751	79	99512	37.745	ng	97
4) n-Nitrosodimethylamine	3.669	42	84558	44.890	ng	94
6) Aniline	7.194	93	115817	36.271	ng	98
8) 2-Chlorophenol	7.429	128	105909	41.225	ng	96
9) Benzaldehyde	7.006	77	37486	19.807	ng	96
10) Phenol	7.059	94	144336	43.323	ng	99
11) bis(2-Chloroethyl)ether	7.288	93	101920	39.020	ng	95
12) 1,3-Dichlorobenzene	7.758	146	109287	38.738	ng	99
13) 1,4-Dichlorobenzene	7.899	146	109982	38.034	ng	98
14) 1,2-Dichlorobenzene	8.217	146	105273	37.754	ng	97
15) Benzyl Alcohol	8.099	79	104525	41.567	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	231908	39.486	ng	98
17) 2-Methylphenol	8.299	107	98229	44.424	ng	97
18) Hexachloroethane	8.945	117	40703	40.232	ng	94
19) n-Nitroso-di-n-propyla...	8.669	70	88738	38.857	ng	98
20) 3+4-Methylphenols	8.628	107	132984	43.685	ng	97
22) Acetophenone	8.681	105	194433	42.313	ng	# 98
24) Nitrobenzene	9.057	77	128158	40.890	ng	95
25) Isophorone	9.580	82	247923	40.843	ng	96
26) 2-Nitrophenol	9.768	139	42284	40.610	ng	95
27) 2,4-Dimethylphenol	9.827	122	100614	55.290	ng	94
28) bis(2-Chloroethoxy)met...	10.068	93	141355	38.409	ng	98
29) 2,4-Dichlorophenol	10.297	162	99214	43.177	ng	97
30) 1,2,4-Trichlorobenzene	10.520	180	108054	38.954	ng	96
31) Naphthalene	10.702	128	340891	37.721	ng	99
32) Benzoic acid	9.979	122	62172m	39.159	ng	
33) 4-Chloroaniline	10.808	127	65346	19.784	ng	97
34) Hexachlorobutadiene	10.996	225	70901	38.996	ng	97
35) Caprolactam	11.578	113	42282m	48.017	ng	
36) 4-Chloro-3-methylphenol	11.930	107	124870	41.457	ng	93
37) 2-Methylnaphthalene	12.312	142	236809	37.118	ng	97
38) 1-Methylnaphthalene	12.529	142	237776	38.041	ng	95
40) 1,2,4,5-Tetrachloroben...	12.682	216	142769	43.370	ng	98
41) Hexachlorocyclopentadiene	12.670	237	134371	145.029	ng	95
43) 2,4,6-Trichlorophenol	12.917	196	86642	44.657	ng	96

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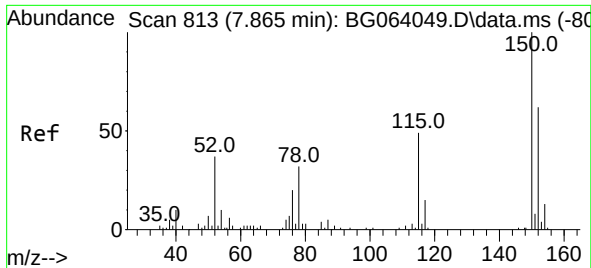
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 QLast Update : Wed Mar 05 15:39:19 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.988	196	95182	44.152	ng	98	03/10/2025
46) 1,1'-Biphenyl	13.323	154	383958	44.075	ng	97	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	13.364	162	260312	40.971	ng	97	
48) 2-Nitroaniline	13.563	65	88261	42.853	ng	95	
49) Acenaphthylene	14.210	152	421662	41.958	ng	99	
50) Dimethylphthalate	13.951	163	345559	40.599	ng	99	
51) 2,6-Dinitrotoluene	14.063	165	69789	40.946	ng	97	03/10/2025
52) Acenaphthene	14.556	154	268690	39.839	ng	97	
53) 3-Nitroaniline	14.386	138	43112	26.207	ng	96	
54) 2,4-Dinitrophenol	14.597	184	60678	83.859	ng	92	
55) Dibenzofuran	14.891	168	416978	38.165	ng	98	
56) 4-Nitrophenol	14.697	139	134556	97.528	ng	93	
57) 2,4-Dinitrotoluene	14.850	165	101445	42.989	ng	# 98	
58) Fluorene	15.538	166	338529	39.782	ng	95	
59) 2,3,4,6-Tetrachlorophenol	15.115	232	91404	43.492	ng	96	
60) Diethylphthalate	15.320	149	369537	39.992	ng	98	
61) 4-Chlorophenyl-phenyle...	15.538	204	165324	39.095	ng	97	
62) 4-Nitroaniline	15.555	138	77903	43.863	ng	93	
63) Azobenzene	15.825	77	388690	39.420	ng	97	
65) 4,6-Dinitro-2-methylph...	15.608	198	45885	41.331	ng	94	
66) n-Nitrosodiphenylamine	15.749	169	304982	40.538	ng	97	
67) 4-Bromophenyl-phenylether	16.425	248	108783	39.962	ng	96	
68) Hexachlorobenzene	16.542	284	124061	40.708	ng	99	
69) Atrazine	16.701	200	137316	62.032	ng	95	
70) Pentachlorophenol	16.883	266	161432	85.314	ng	97	
71) Phenanthrene	17.271	178	586440	41.367	ng	98	
72) Anthracene	17.365	178	595310	42.231	ng	98	
73) Carbazole	17.629	167	543876	41.324	ng	100	
74) Di-n-butylphthalate	18.205	149	638316	41.202	ng	99	
75) Fluoranthene	19.280	202	672893	39.371	ng	99	
77) Benzidine	19.462	184	196853	52.965	ng	96	
78) Pyrene	19.645	202	708955	40.975	ng	99	
80) Butylbenzylphthalate	20.549	149	266926	41.635	ng	97	
81) Benzo(a)anthracene	21.442	228	716446	41.670	ng	98	
82) 3,3'-Dichlorobenzidine	21.366	252	150240	27.000	ng	100	
83) Chrysene	21.507	228	691699	40.336	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.384	149	420121	45.182	ng	98	
85) Di-n-octyl phthalate	22.529	149	703025	43.833	ng	99	
87) Indeno(1,2,3-cd)pyrene	27.882	276	821866	42.356	ng	98	
88) Benzo(b)fluoranthene	23.534	252	699323	39.889	ng	96	
89) Benzo(k)fluoranthene	23.593	252	696807	39.618	ng	99	
90) Benzo(a)pyrene	24.345	252	672920	43.098	ng	98	
91) Dibenzo(a,h)anthracene	27.947	278	684817	42.571	ng	99	
92) Benzo(g,h,i)perylene	28.951	276	638368	38.651	ng	97	

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.864 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG064058.D
 Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

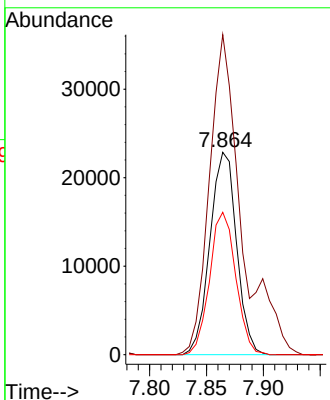
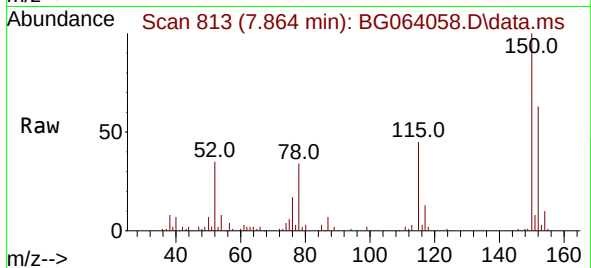
ClientSampleId :

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Tgt Ion:152 Resp: 37350
 Ion Ratio Lower Upper
 152 100
 150 158.2 129.2 193.8
 115 70.4 63.0 94.6

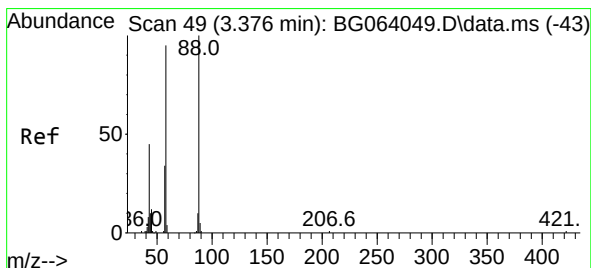
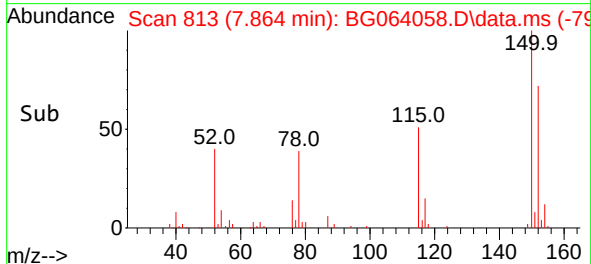
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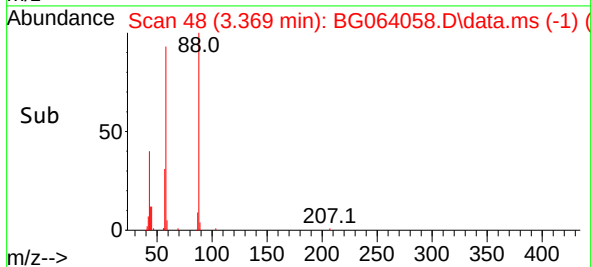
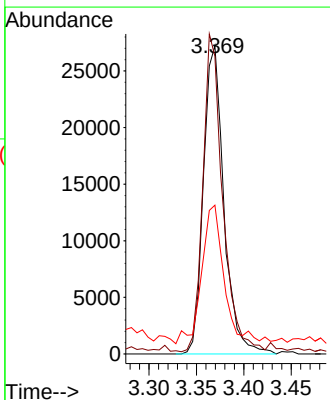
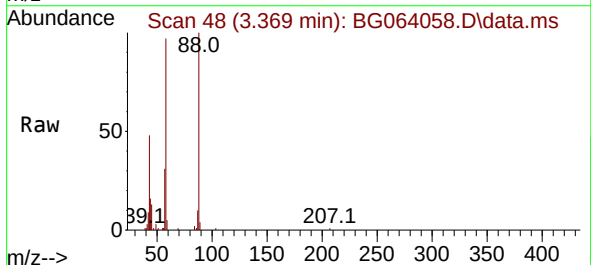
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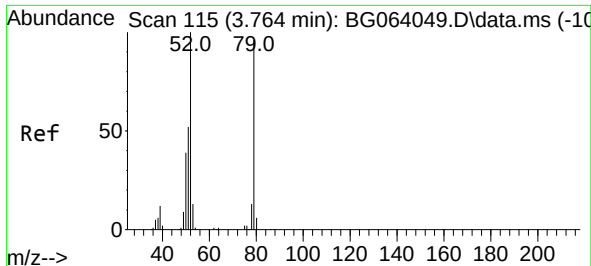
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#2
 1,4-Dioxane
 Concen: 37.627 ng
 RT: 3.369 min Scan# 48
 Delta R.T. -0.006 min
 Lab File: BG064058.D
 Acq: 7 Mar 2025 14:18

Tgt Ion: 88 Resp: 40790
 Ion Ratio Lower Upper
 88 100
 58 99.4 74.6 111.8
 43 49.9 35.5 53.3





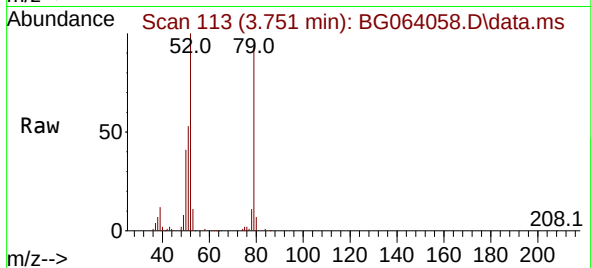
#3
Pyridine
Concen: 37.745 ng
RT: 3.751 min Scan# 115
Delta R.T. -0.012 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

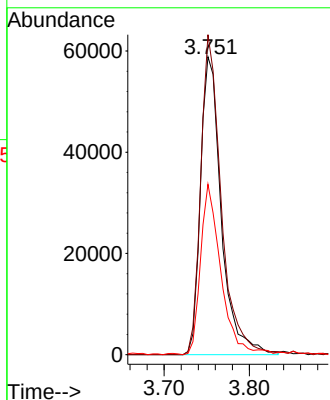
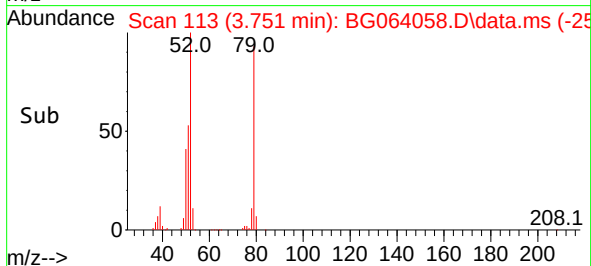
PB167031BS



Tgt Ion: 79 Resp: 99512
Ion Ratio Lower Upper
79 100
52 107.4 83.0 124.6
51 57.2 44.3 66.5

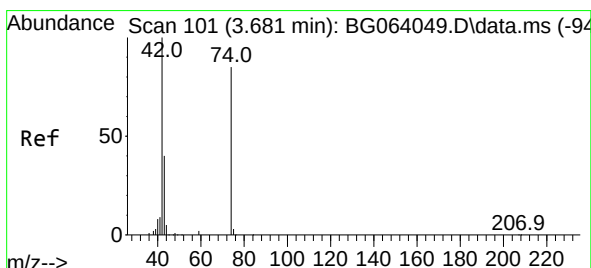
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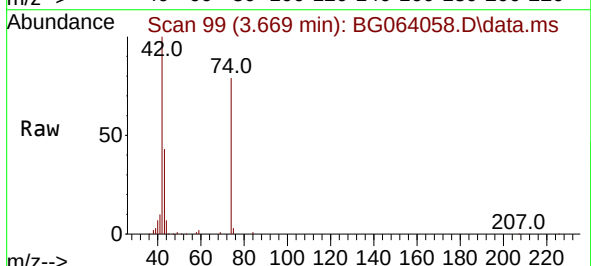


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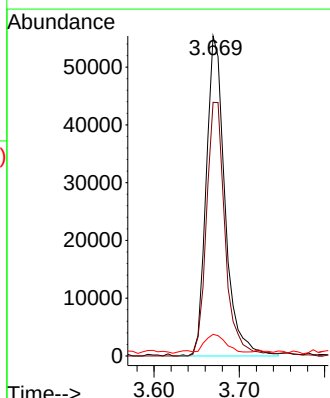
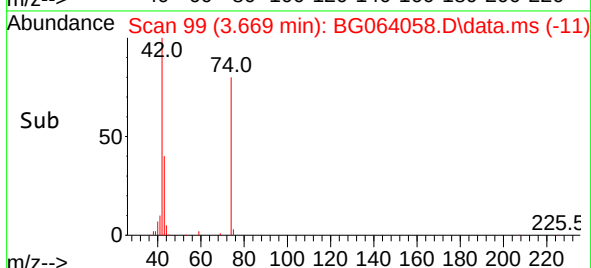
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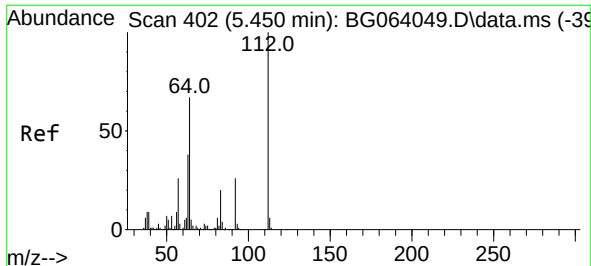


#4
n-Nitrosodimethylamine
Concen: 44.890 ng
RT: 3.669 min Scan# 99
Delta R.T. -0.012 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



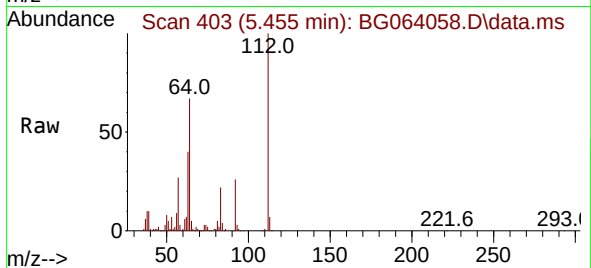
Tgt Ion: 42 Resp: 84558
Ion Ratio Lower Upper
42 100
74 79.2 68.0 102.0
44 6.7 4.9 7.3





#5
2-Fluorophenol
Concen: 131.599 ng
RT: 5.455 min Scan# 402
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

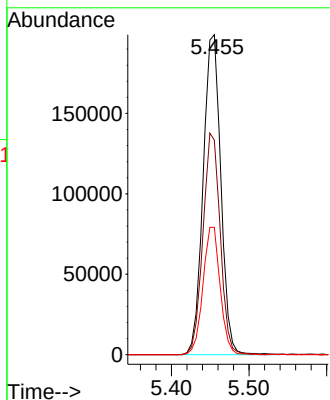
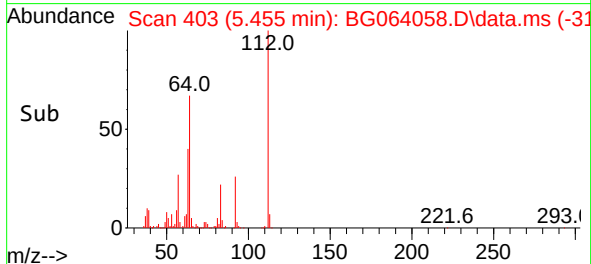
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion:112 Resp: 314780
Ion Ratio Lower Upper
112 100
64 67.1 53.7 80.5
63 39.8 30.2 45.4

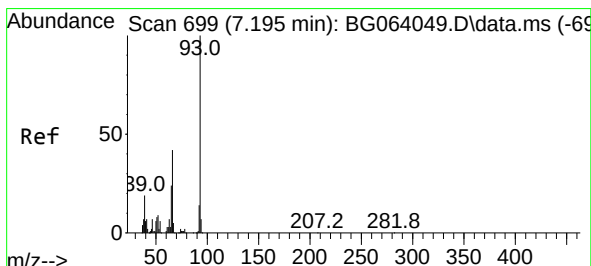
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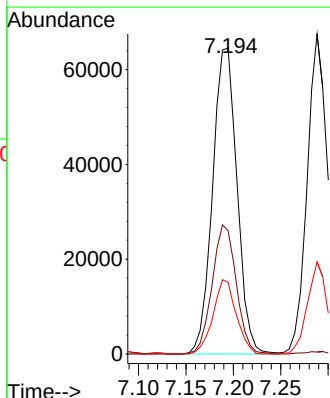
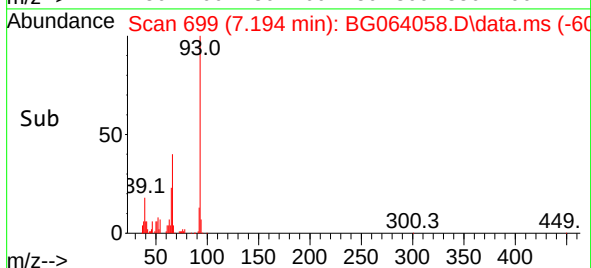
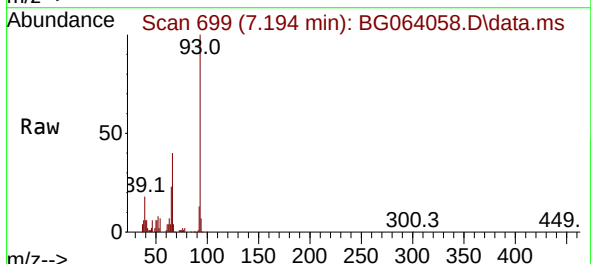
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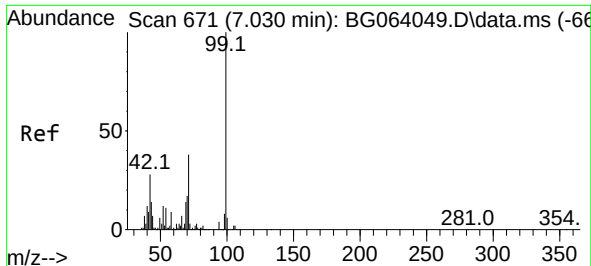
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#6
Aniline
Concen: 36.271 ng
RT: 7.194 min Scan# 699
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

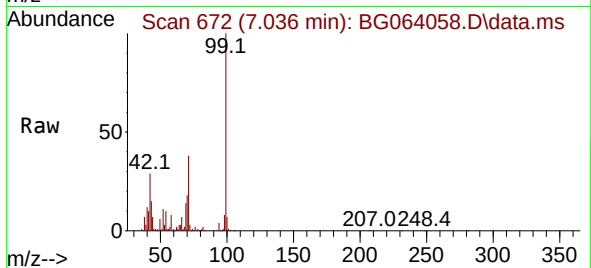
Tgt Ion: 93 Resp: 115817
Ion Ratio Lower Upper
93 100
66 40.3 33.7 50.5
65 23.4 19.1 28.7





#7
Phenol-d6
Concen: 127.972 ng
RT: 7.036 min Scan# 671
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

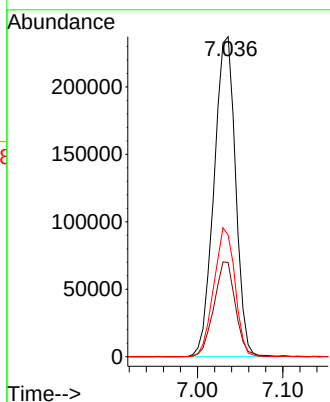
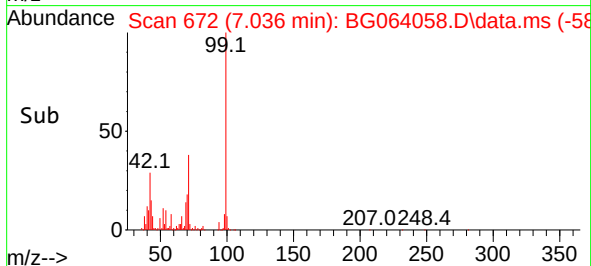
Instrument :
BNA_G
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PB167031BS



Tgt Ion: 99 Resp: 416430
Ion Ratio Lower Upper
99 100
42 29.5 22.7 34.1
71 38.0 30.6 46.0

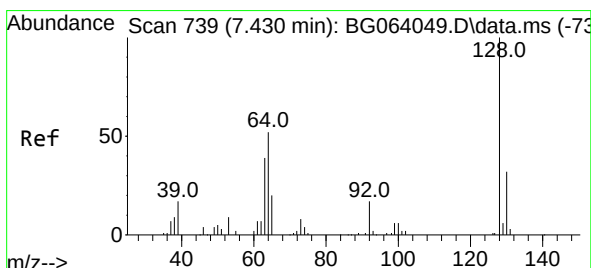
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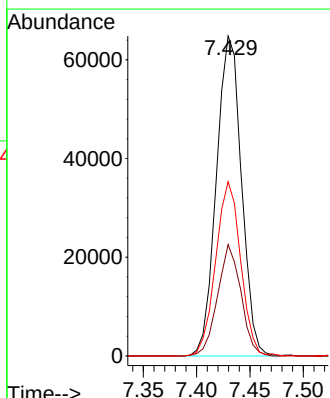
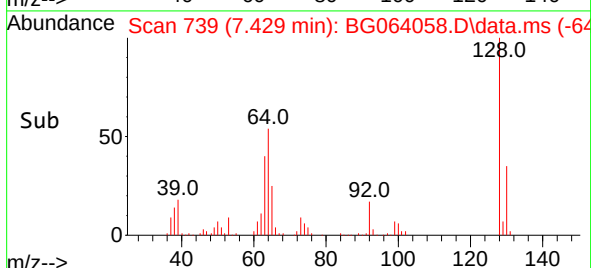
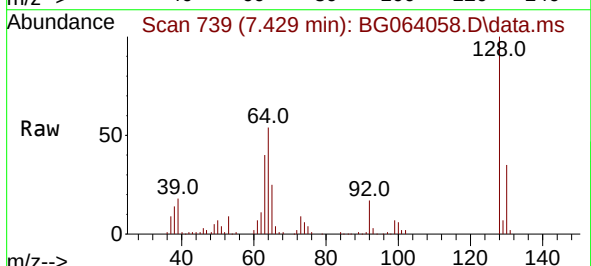
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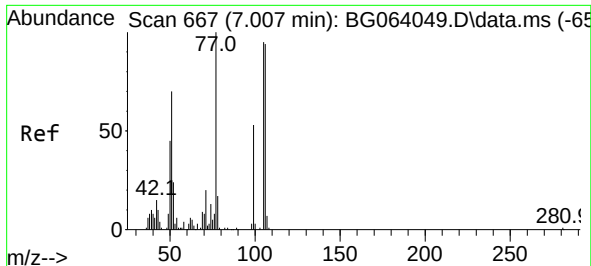
03/10/2025



#8
2-Chlorophenol
Concen: 41.225 ng
RT: 7.429 min Scan# 739
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

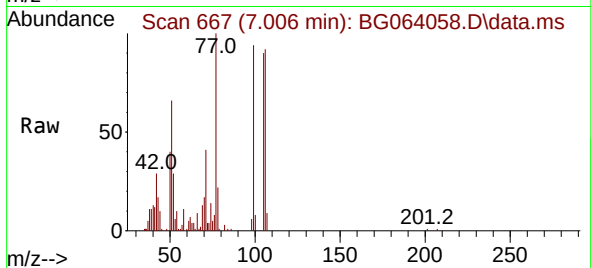
Tgt Ion:128 Resp: 105909
Ion Ratio Lower Upper
128 100
130 34.8 12.3 52.3
64 54.5 37.0 77.0





#9
Benzaldehyde
Concen: 19.807 ng
RT: 7.006 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

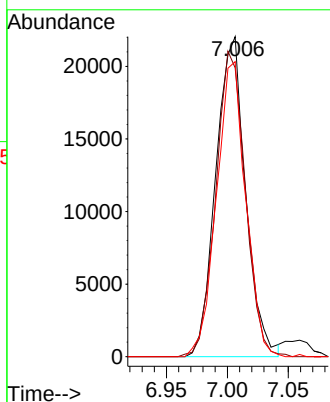
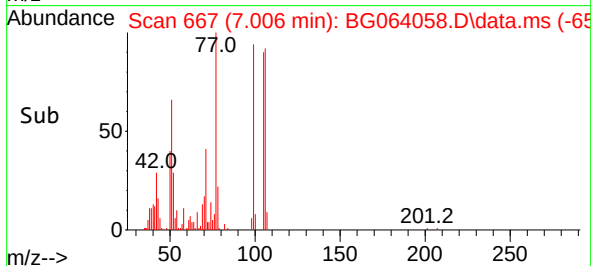
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion: 77 Resp: 37480
Ion Ratio Lower Upper
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105 90.2 75.5 115.5
106 92.2 74.2 114.2

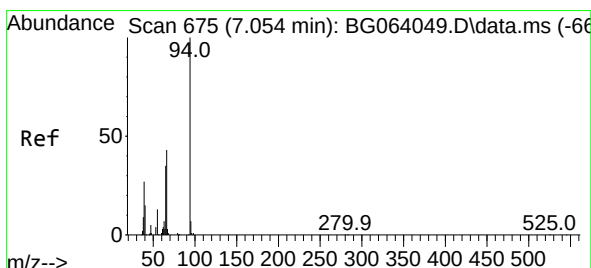
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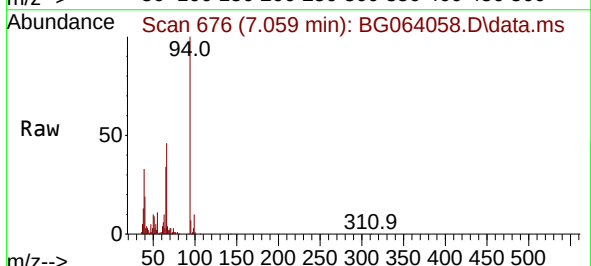


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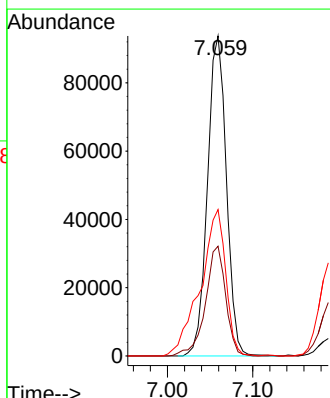
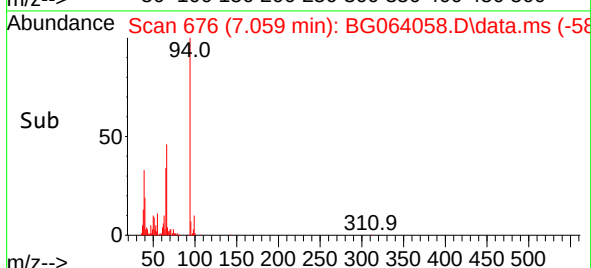
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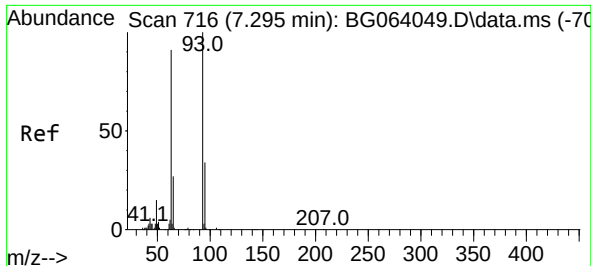


#10
Phenol
Concen: 43.323 ng
RT: 7.059 min Scan# 676
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



Tgt Ion: 94 Resp: 144336
Ion Ratio Lower Upper
94 100
65 34.3 15.2 55.2
66 45.8 25.1 65.1





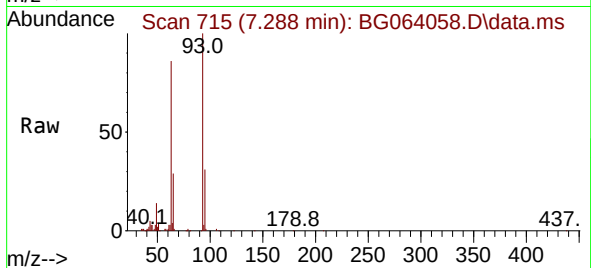
#11
bis(2-Chloroethyl)ether
Concen: 39.020 ng
RT: 7.288 min Scan# 716
Delta R.T. -0.006 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

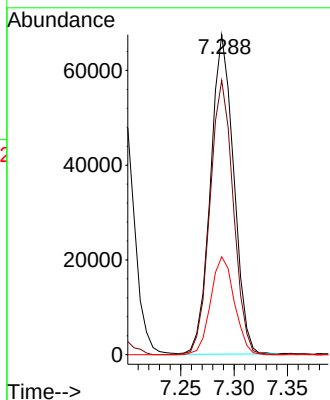
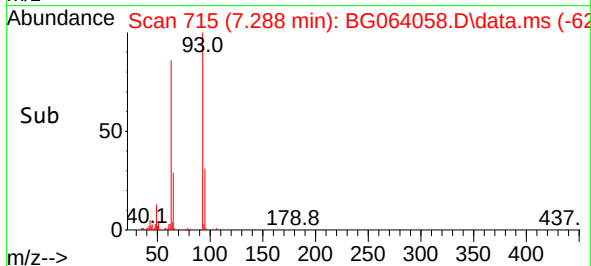
PB167031BS



Tgt Ion: 93 Resp: 101920
Ion Ratio Lower Upper
93 100
63 85.8 70.0 110.0
95 30.6 13.7 53.7

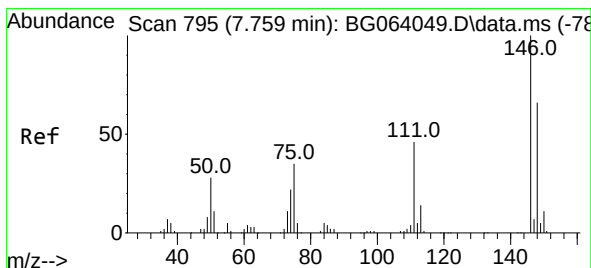
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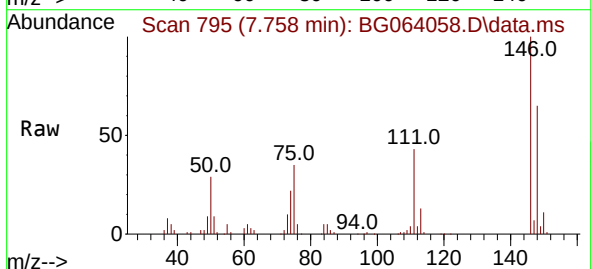


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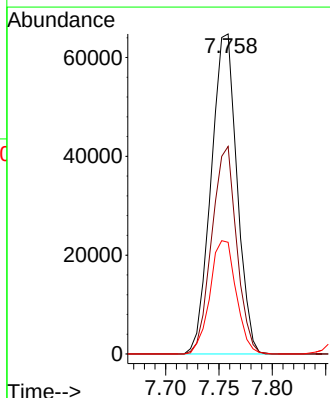
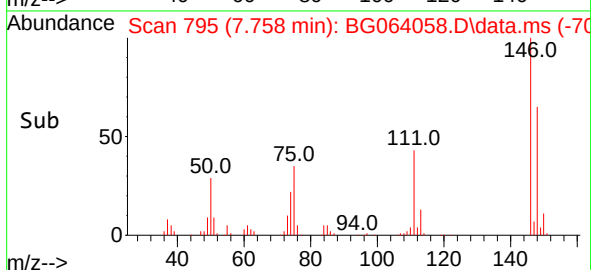
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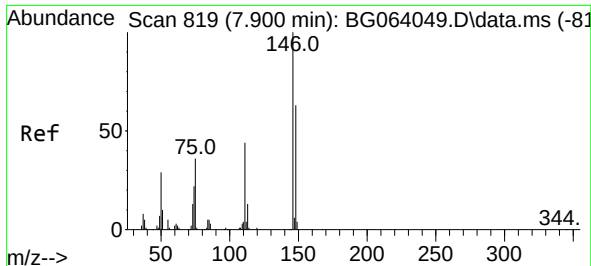


#12
1,3-Dichlorobenzene
Concen: 38.738 ng
RT: 7.758 min Scan# 795
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



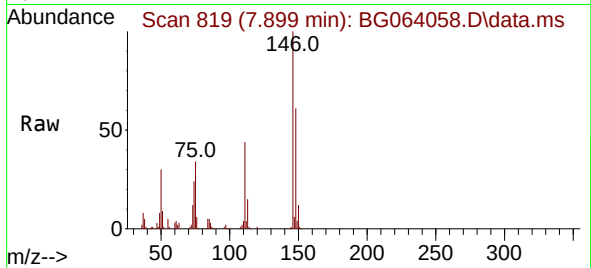
Tgt Ion:146 Resp: 109287
Ion Ratio Lower Upper
146 100
148 64.8 52.6 78.8
75 34.9 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 38.034 ng
RT: 7.899 min Scan# 819
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

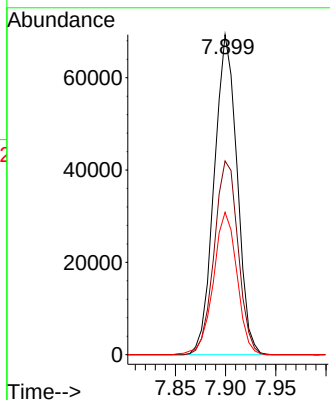
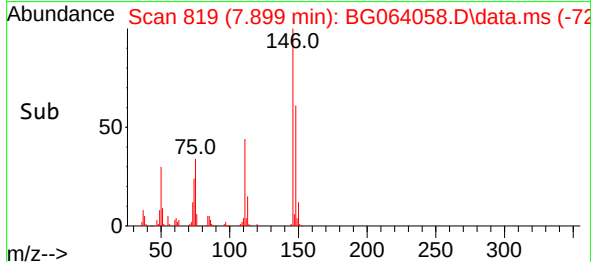
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion:146 Resp: 109982
Ion Ratio Lower Upper
146 100
148 60.5 50.6 75.8
111 44.5 35.1 52.7

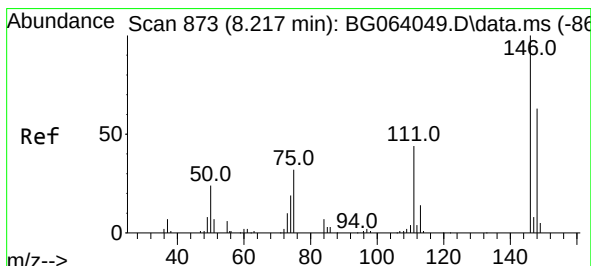
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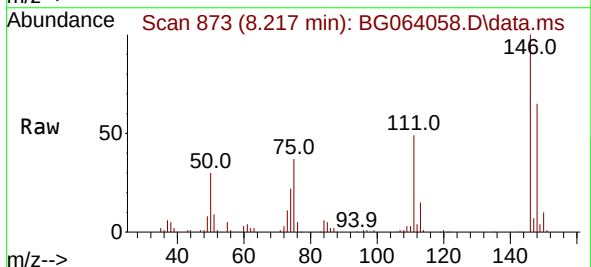


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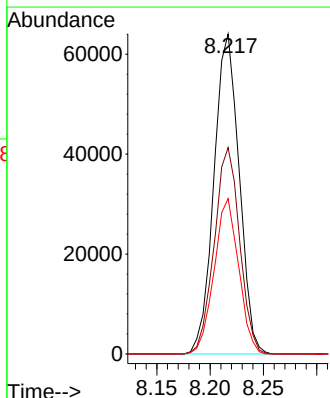
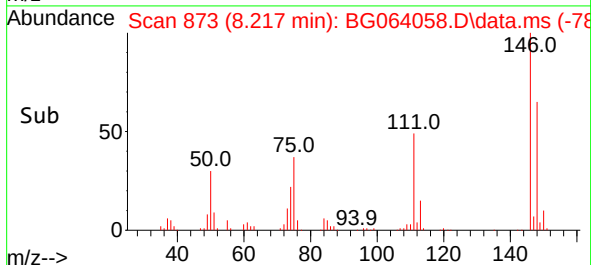
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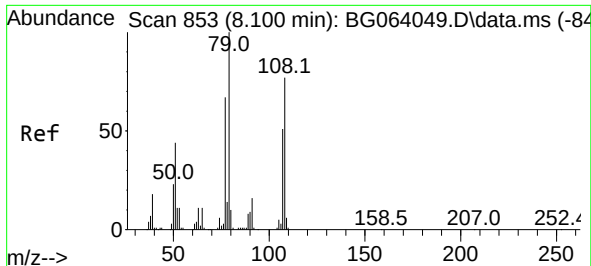


#14
1,2-Dichlorobenzene
Concen: 37.754 ng
RT: 8.217 min Scan# 873
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



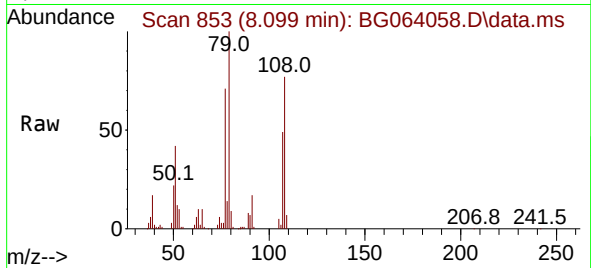
Tgt Ion:146 Resp: 105273
Ion Ratio Lower Upper
146 100
148 64.5 50.2 75.2
111 48.6 36.4 54.6





#15
Benzyl Alcohol
Concen: 41.567 ng
RT: 8.099 min Scan# 801
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

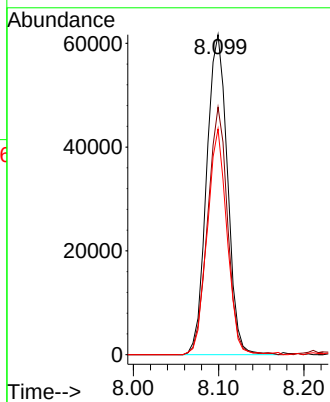
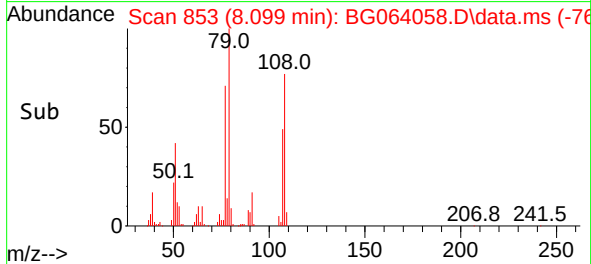
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion: 79 Resp: 104529
Ion Ratio Lower Upper
79 100
108 77.3 61.7 92.5
77 70.6 53.9 80.9

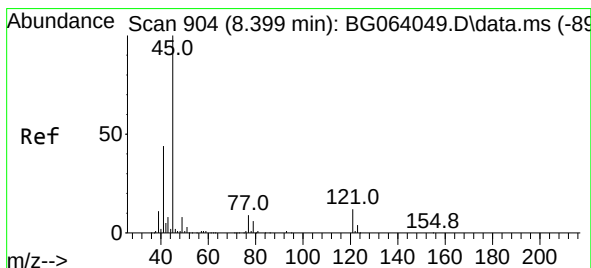
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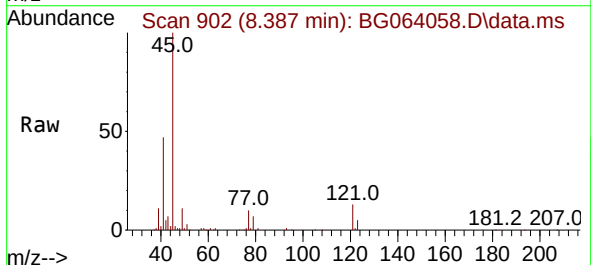


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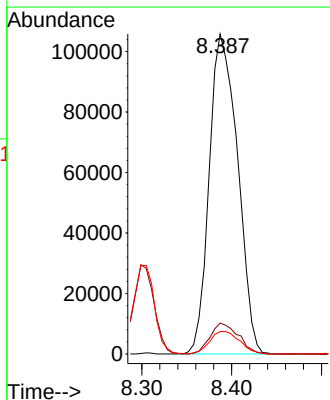
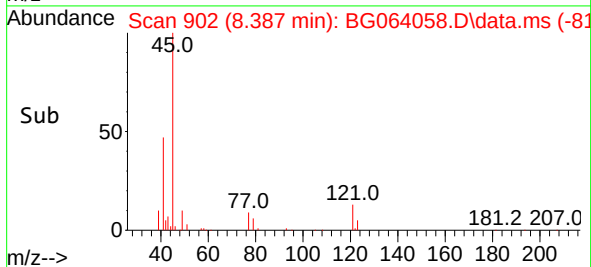
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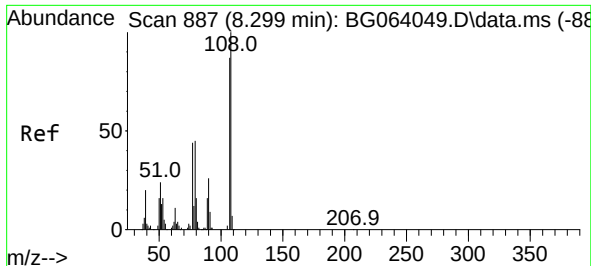


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.486 ng
RT: 8.387 min Scan# 902
Delta R.T. -0.012 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



Tgt Ion: 45 Resp: 231908
Ion Ratio Lower Upper
45 100
77 9.7 0.0 29.0
79 7.0 0.0 26.6





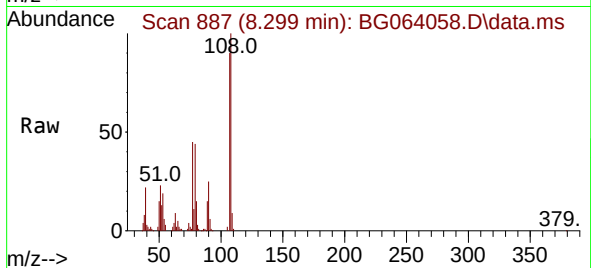
#17
2-Methylphenol
Concen: 44.424 ng
RT: 8.299 min Scan# 887
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

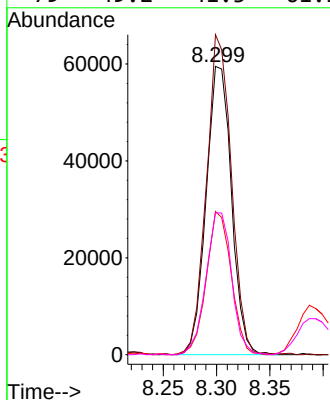
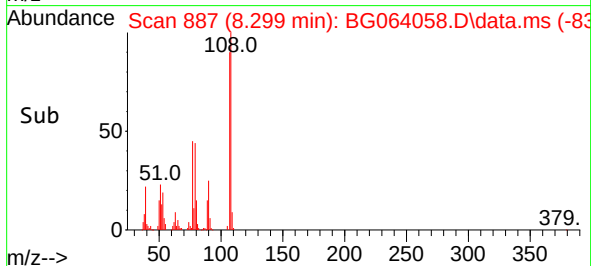
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Tgt Ion:	107	Resp:	98229
Ion Ratio	Lower	Upper	
107	100		
108	111.0	92.5	138.7
77	49.7	40.5	60.7
79	49.2	41.3	61.9

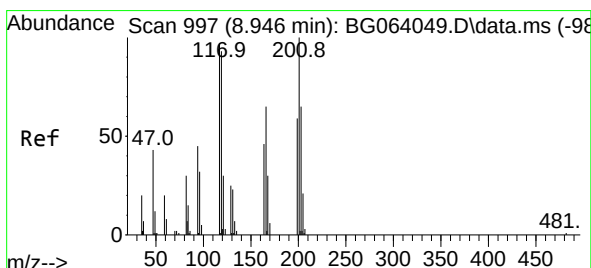
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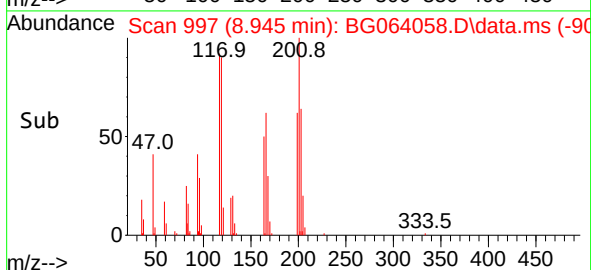
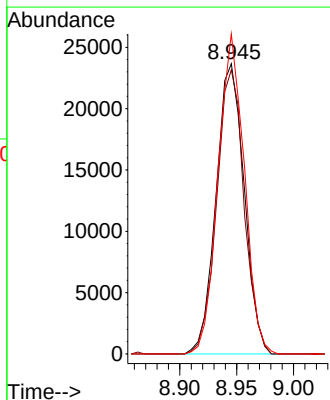
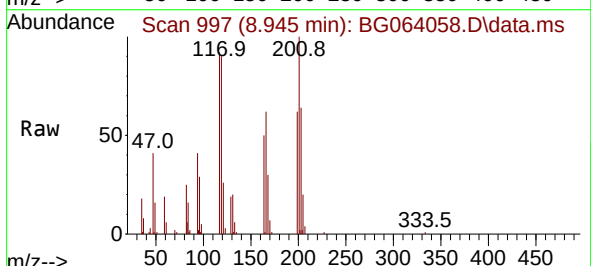
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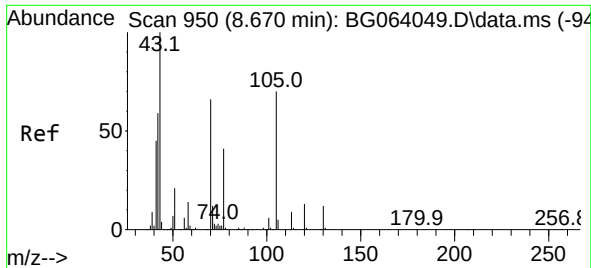
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#18
Hexachloroethane
Concen: 40.232 ng
RT: 8.945 min Scan# 997
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

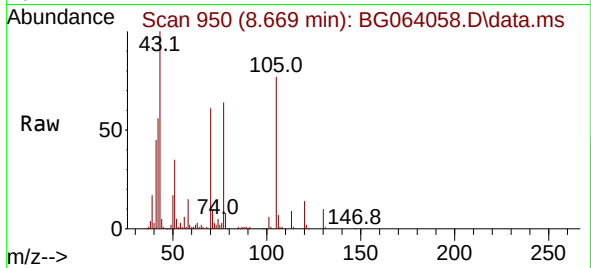
Tgt Ion:	117	Resp:	40703
Ion Ratio	Lower	Upper	
117	100		
119	97.9	76.2	114.2
201	110.2	81.5	122.3





#19
n-Nitroso-di-n-propylamine
Concen: 38.857 ng
RT: 8.669 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

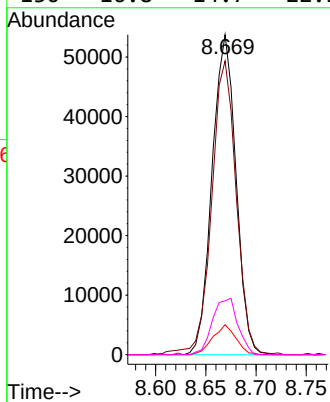
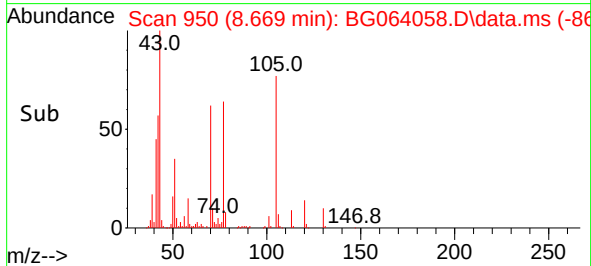
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion: 70 Resp: 88738
Ion Ratio Lower Upper
70 100
42 91.8 72.1 108.1
101 9.3 7.2 10.8
130 16.8 14.7 22.1

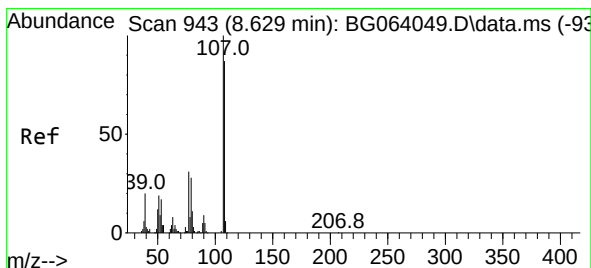
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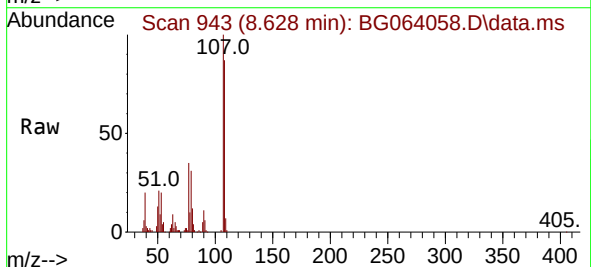


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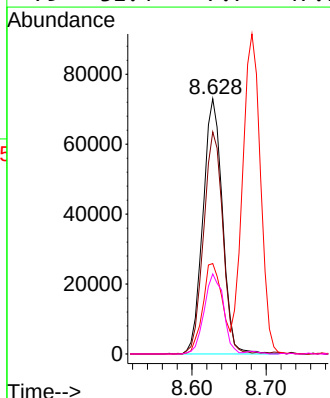
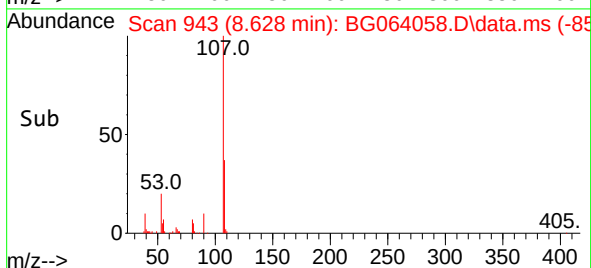
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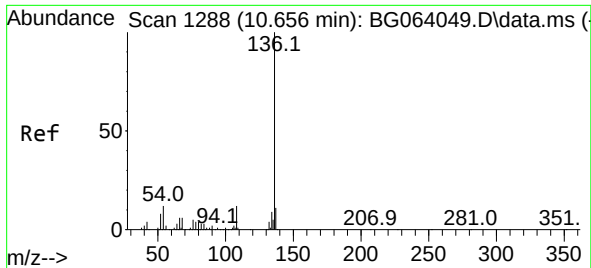


#20
3+4-Methylphenols
Concen: 43.685 ng
RT: 8.628 min Scan# 943
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



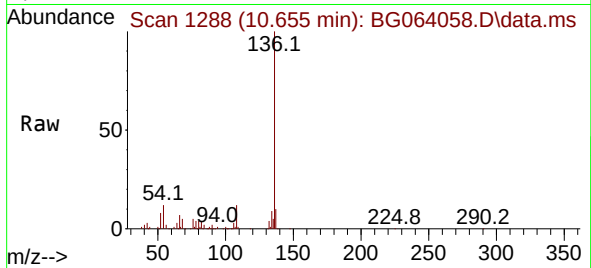
Tgt Ion:107 Resp: 132984
Ion Ratio Lower Upper
107 100
108 87.0 67.0 107.0
77 35.4 11.2 51.2
79 31.4 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.655 min Scan# 1288
Delta R.T. -0.001 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Instrument :
BNA_G
ClientSampleId :
PB167031BS

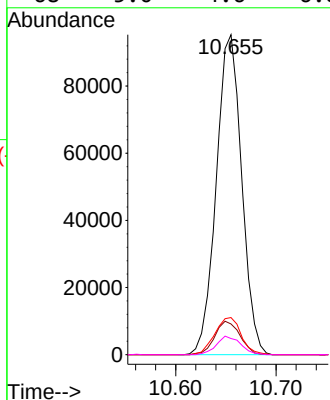
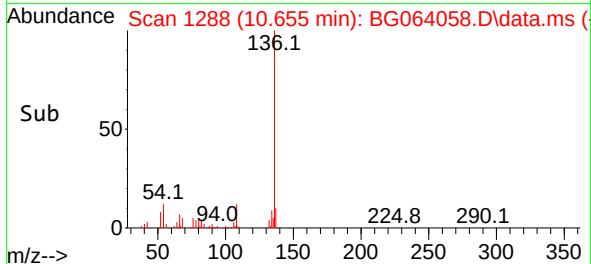


Tgt Ion:136 Resp: 167590

Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.5	12.7
54	11.6	9.9	14.9
68	5.0	4.6	6.8

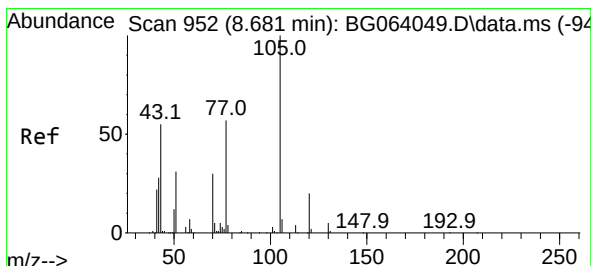
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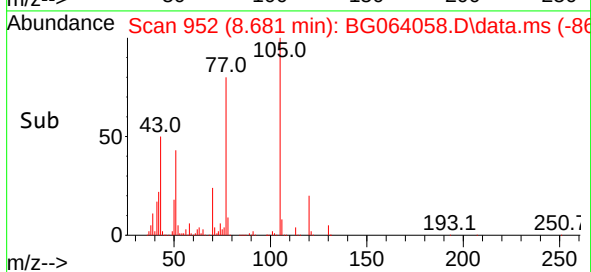
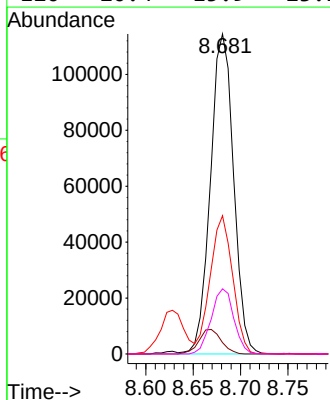
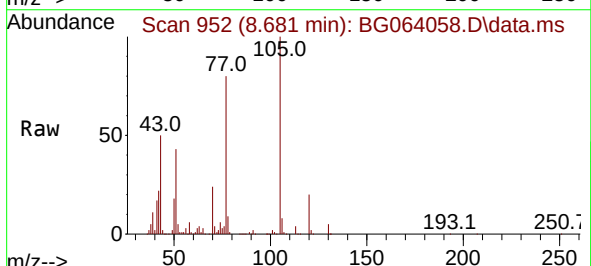
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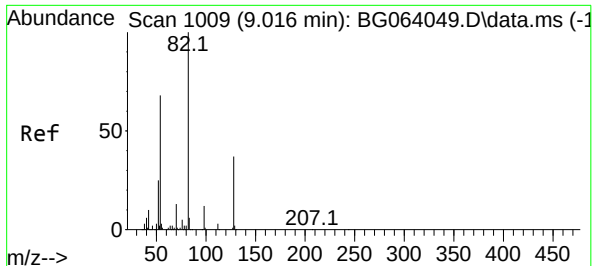


#22
Acetophenone
Concen: 42.313 ng
RT: 8.681 min Scan# 952
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Tgt Ion:105 Resp: 194433

Ion	Ratio	Lower	Upper
105	100		
71	3.6	4.2	6.4#
51	43.2	33.3	49.9
120	20.4	15.9	23.9





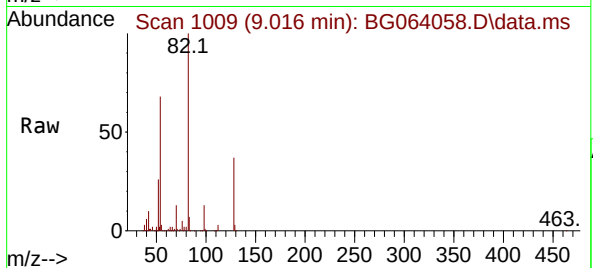
#23
Nitrobenzene-d5
Concen: 87.181 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Instrument :

BNL_G

ClientSampleId :

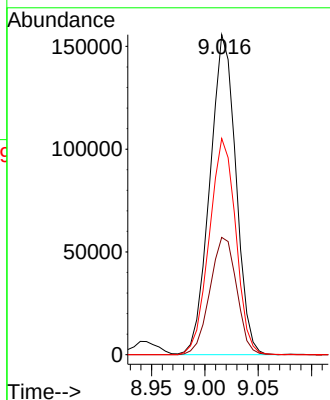
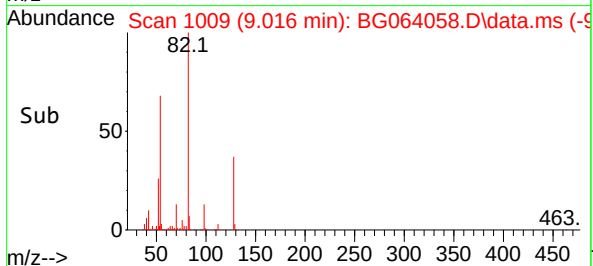
PB167031BS



Tgt Ion: 82 Resp: 264399
Ion Ratio Lower Upper
82 100
128 36.6 30.0 45.0
54 67.5 54.7 82.1

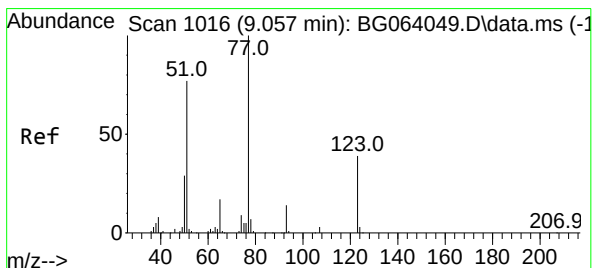
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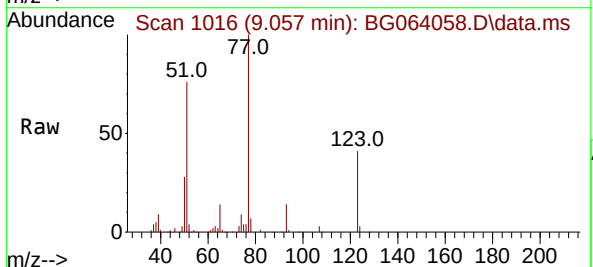


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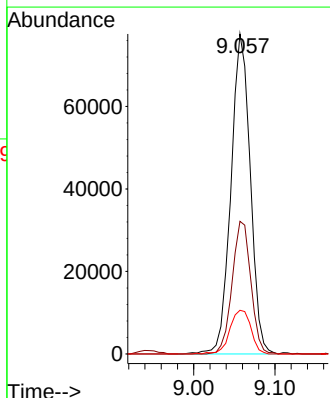
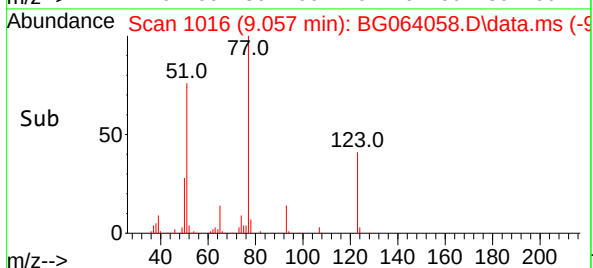
03/10/2025

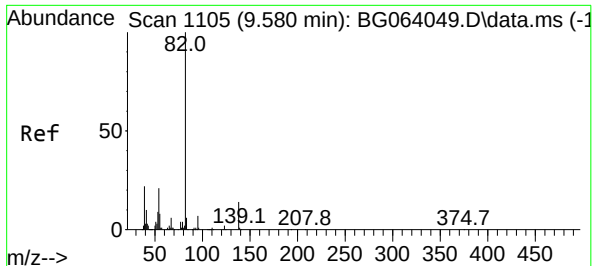


#24
Nitrobenzene
Concen: 40.890 ng
RT: 9.057 min Scan# 1016
Delta R.T. -0.001 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



Tgt Ion: 77 Resp: 128158
Ion Ratio Lower Upper
77 100
123 41.5 31.4 47.2
65 13.6 13.4 20.0





#25
Isophorone
Concen: 40.843 ng
RT: 9.580 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Instrument :

BNL_G

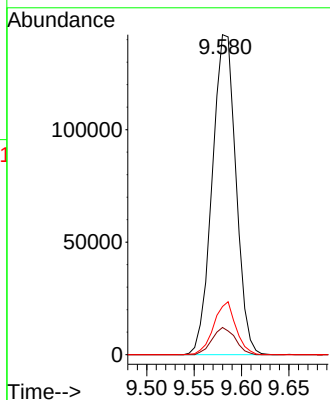
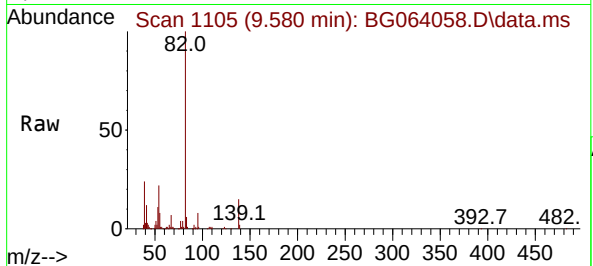
ClientSampleId :

PB167031BS

Tgt Ion: 82 Resp: 24792
Ion Ratio Lower Upper
82 100
95 8.5 5.8 8.8
138 15.1 10.9 16.3

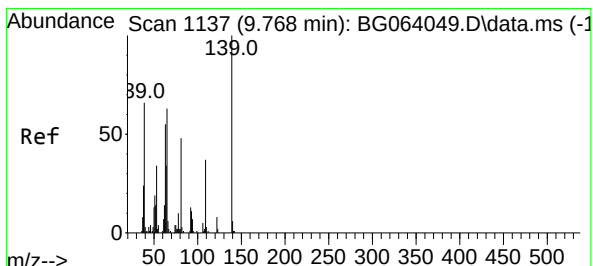
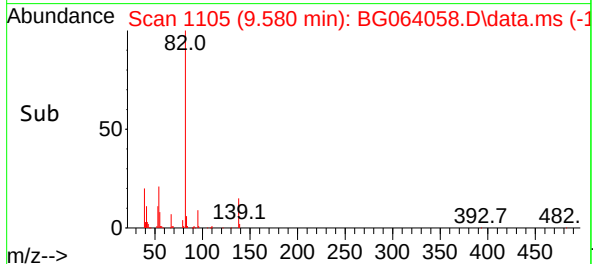
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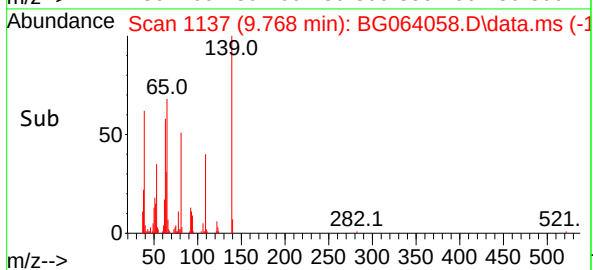
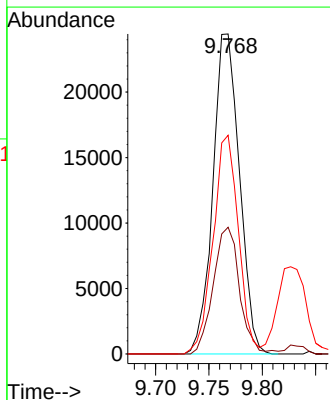
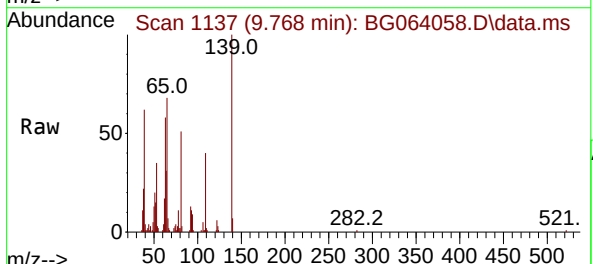
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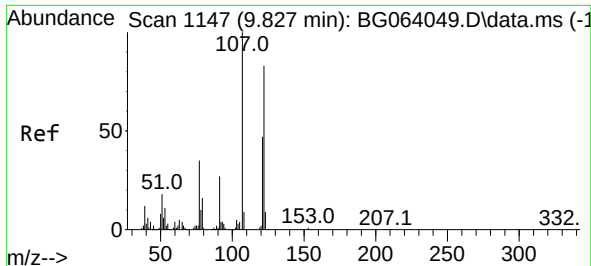
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#26
2-Nitrophenol
Concen: 40.610 ng
RT: 9.768 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Tgt Ion:139 Resp: 42284
Ion Ratio Lower Upper
139 100
109 39.6 29.9 44.9
65 68.3 50.6 76.0





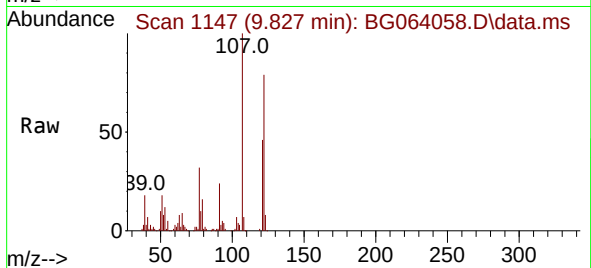
#27
2,4-Dimethylphenol
Concen: 55.290 ng
RT: 9.827 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

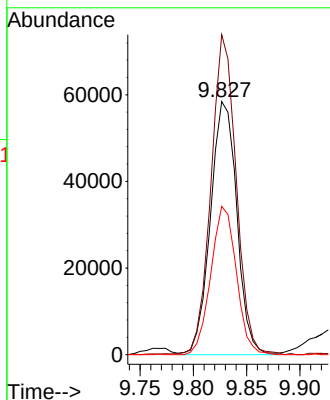
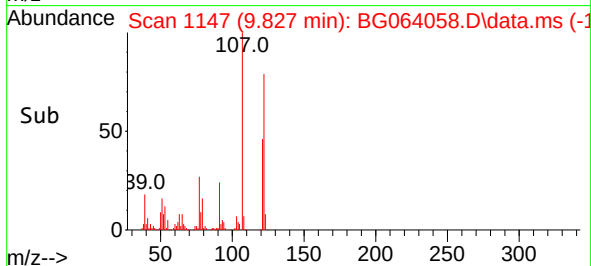
PB167031BS



Tgt Ion:122 Resp: 100614
Ion Ratio Lower Upper
122 100
107 126.4 95.4 143.0
121 58.6 44.9 67.3

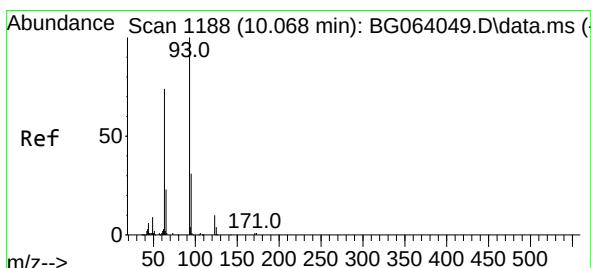
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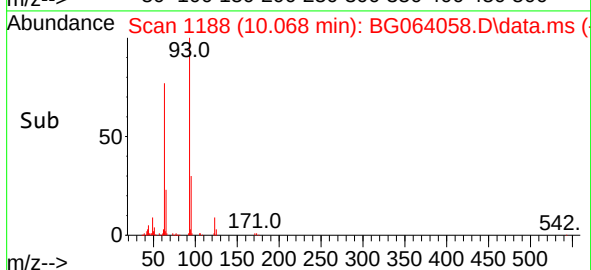
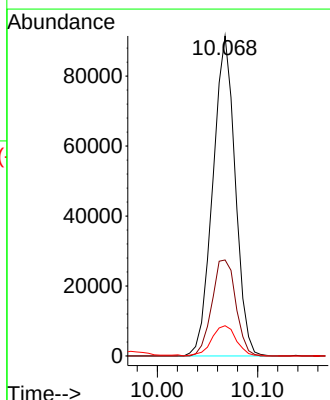
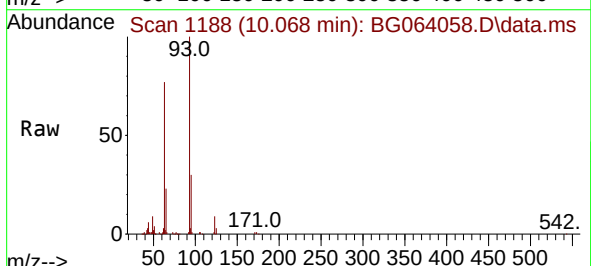
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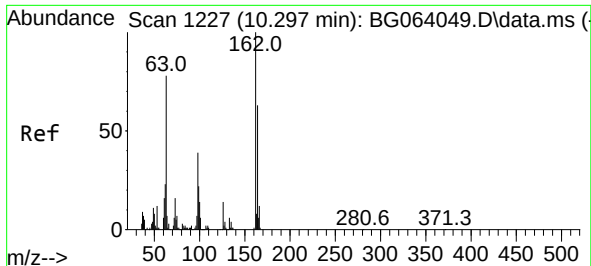
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#28
bis(2-Chloroethoxy)methane
Concen: 38.409 ng
RT: 10.068 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Tgt Ion: 93 Resp: 141355
Ion Ratio Lower Upper
93 100
95 30.0 25.0 37.4
123 9.4 7.6 11.4





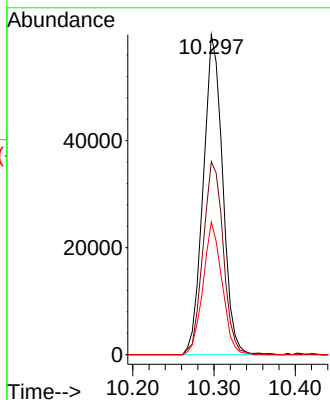
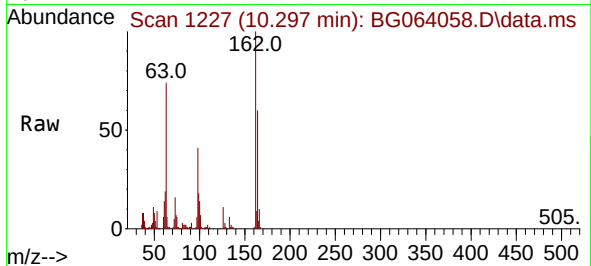
#29
2,4-Dichlorophenol
Concen: 43.177 ng
RT: 10.297 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Instrument :
BNA_G
ClientSampleId :
PB167031BS

Tgt Ion:162 Resp: 99214
Ion Ratio Lower Upper
162 100
164 60.3 42.8 82.8
98 41.5 19.1 59.1

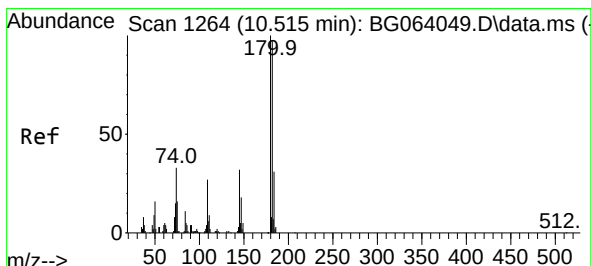
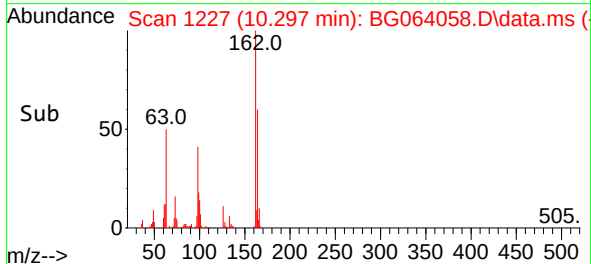
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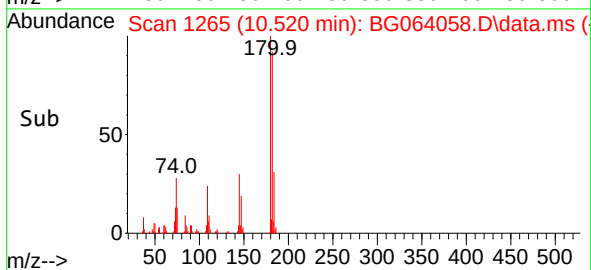
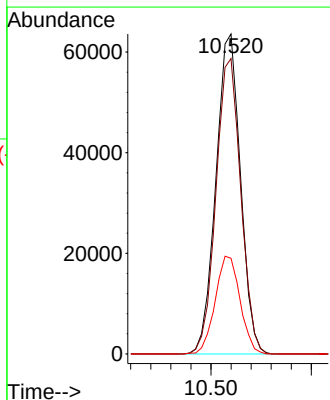
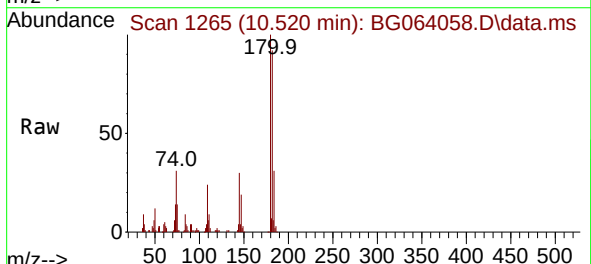
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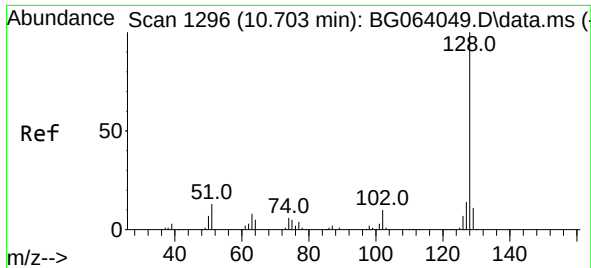
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#30
1,2,4-Trichlorobenzene
Concen: 38.954 ng
RT: 10.520 min Scan# 1265
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

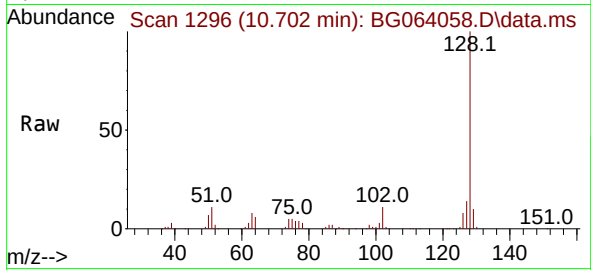
Tgt Ion:180 Resp: 108054
Ion Ratio Lower Upper
180 100
182 92.3 77.3 115.9
145 29.9 25.2 37.8





#31
Naphthalene
Concen: 37.721 ng
RT: 10.702 min Scan# 1172
Delta R.T. -0.001 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

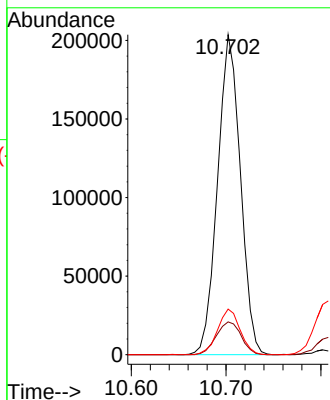
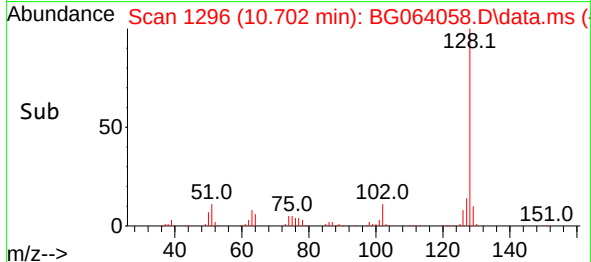
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion:128 Resp: 34089
Ion Ratio Lower Upper
128 100
129 10.2 8.4 12.6
127 14.3 11.1 16.7

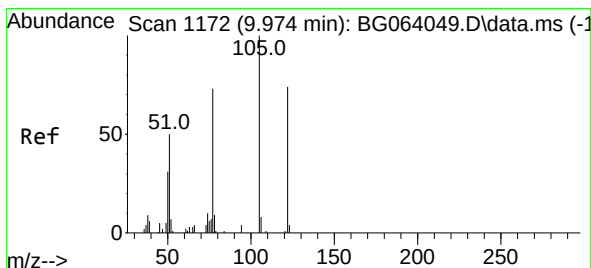
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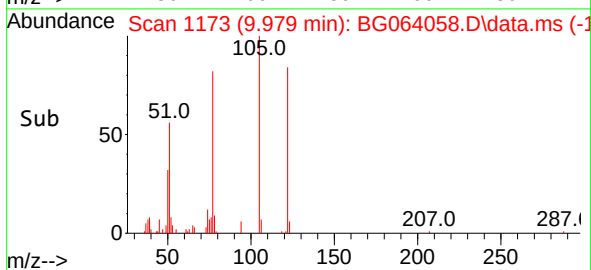
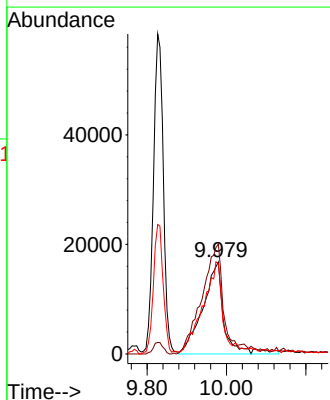
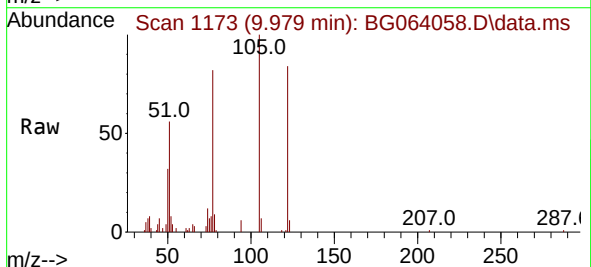
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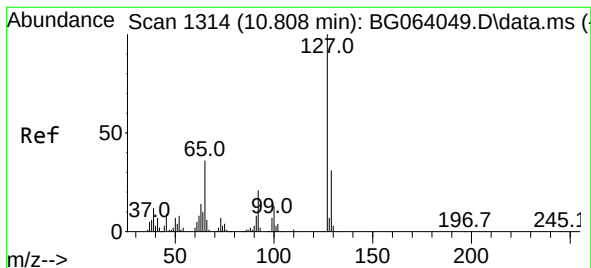
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#32
Benzoic acid
Concen: 39.159 ng m
RT: 9.979 min Scan# 1173
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

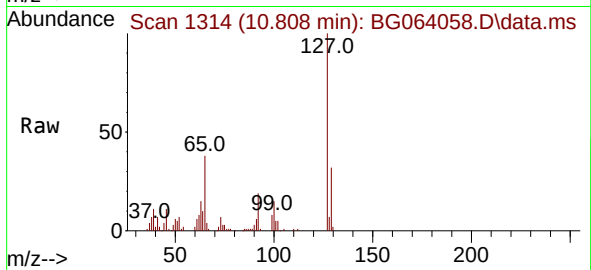
Tgt Ion:122 Resp: 62172
Ion Ratio Lower Upper
122 100
105 119.4 115.0 155.0
77 98.3 80.9 120.9





#33
4-Chloroaniline
Concen: 19.784 ng
RT: 10.808 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

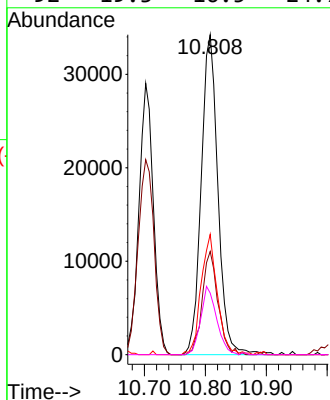
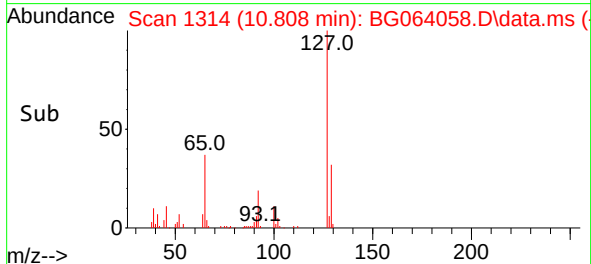
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.0	37.4
65	37.6	28.5	42.7
92	19.3	16.5	24.7

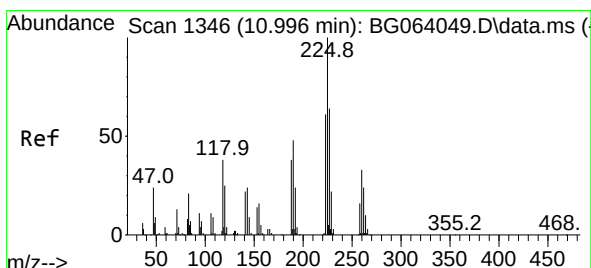
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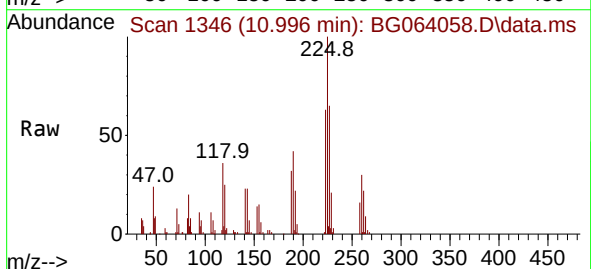


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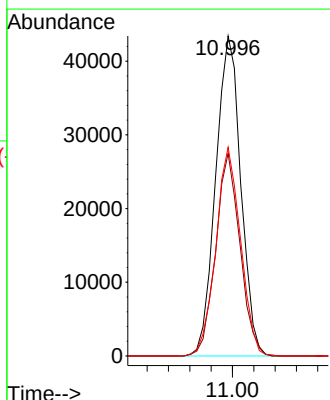
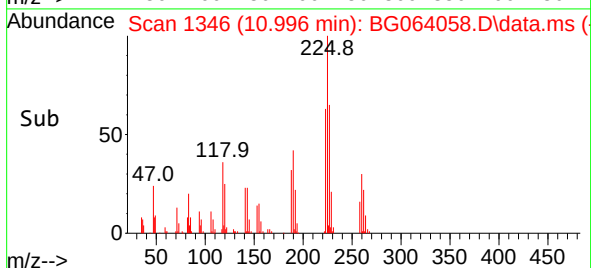
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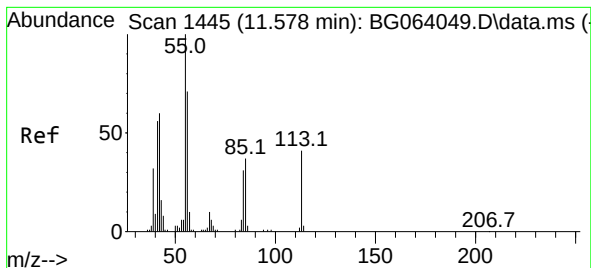


#34
Hexachlorobutadiene
Concen: 38.996 ng
RT: 10.996 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



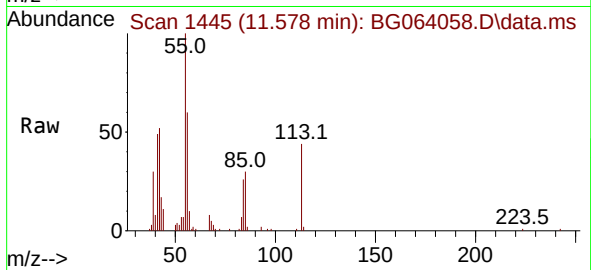
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.5	72.7
227	65.2	51.0	76.6





#35
Caprolactam
Concen: 48.017 ng m
RT: 11.578 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

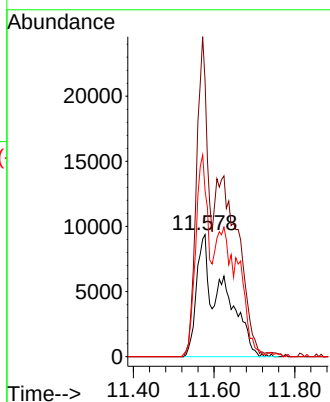
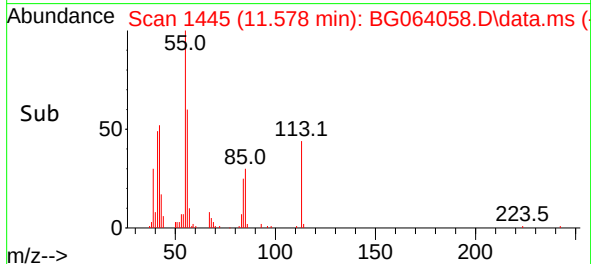
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion:113 Resp: 4228
Ion Ratio Lower Upper
113 100
55 225.6 225.2 265.2
56 136.0 153.4 193.4

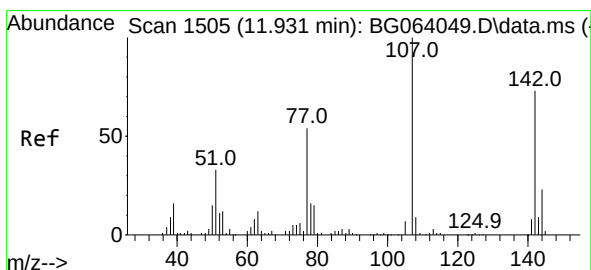
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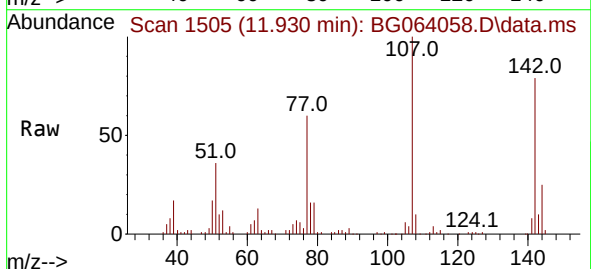


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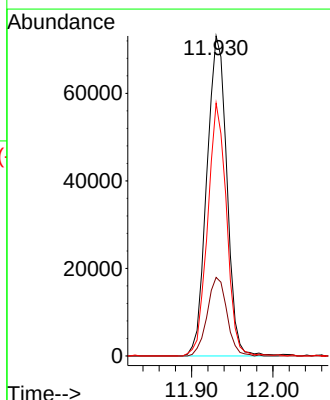
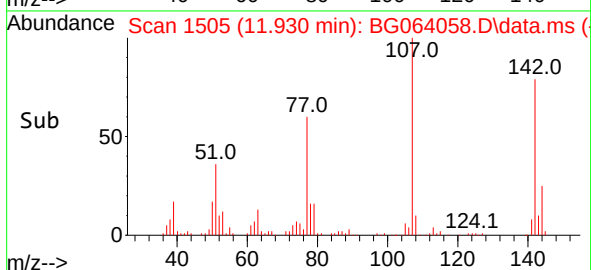
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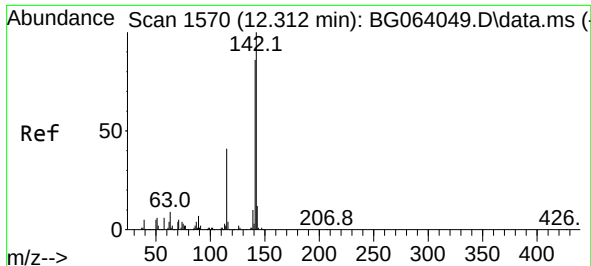


#36
4-Chloro-3-methylphenol
Concen: 41.457 ng
RT: 11.930 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



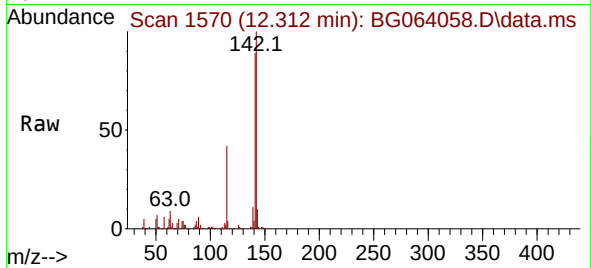
Tgt Ion:107 Resp: 124870
Ion Ratio Lower Upper
107 100
144 24.5 18.6 28.0
142 79.0 58.0 87.0





#37
2-Methylnaphthalene
Concen: 37.118 ng
RT: 12.312 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

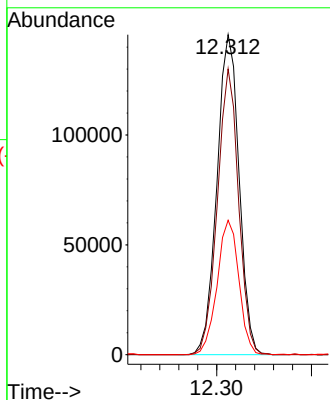
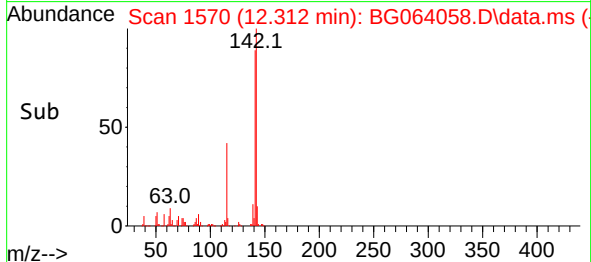
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion:142 Resp: 236809
Ion Ratio Lower Upper
142 100
141 89.3 68.6 103.0
115 42.0 32.8 49.2

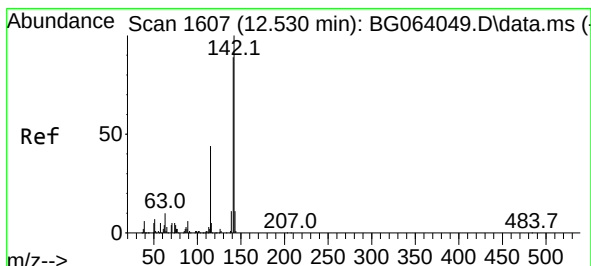
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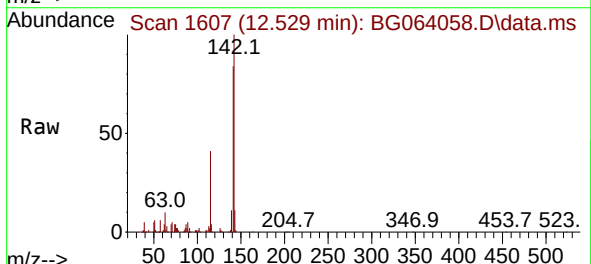


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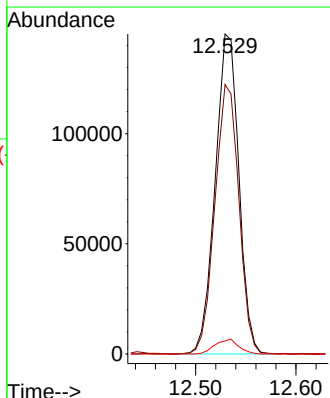
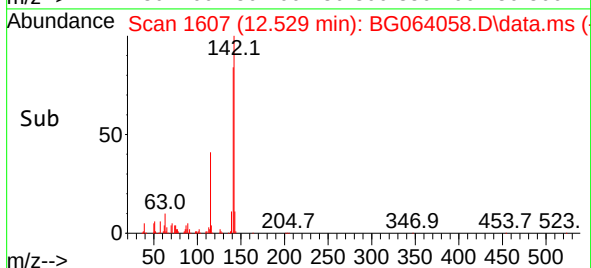
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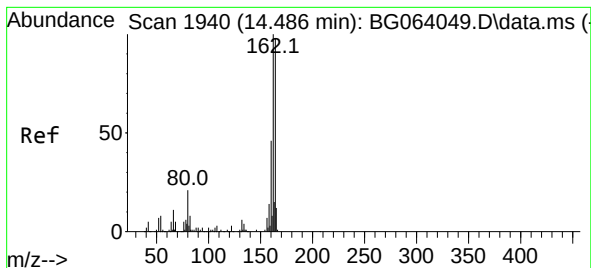


#38
1-Methylnaphthalene
Concen: 38.041 ng
RT: 12.529 min Scan# 1607
Delta R.T. -0.001 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



Tgt Ion:142 Resp: 237776
Ion Ratio Lower Upper
142 100
141 84.2 71.2 106.8
116 4.0 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1940

Delta R.T. 0.006 min

Lab File: BG064058.D

Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

PB167031BS

Tgt Ion:164 Resp: 115300

Ion Ratio Lower Upper

164 100

162 104.8 81.4 122.0

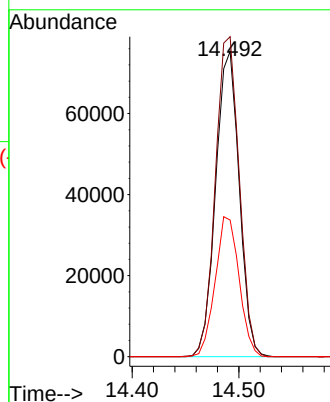
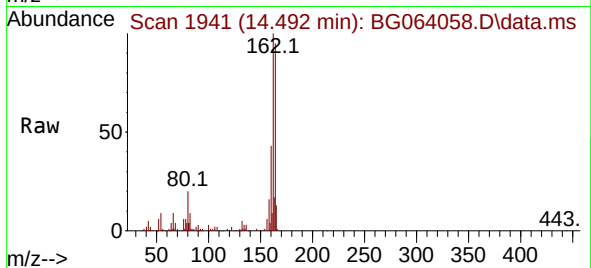
160 44.8 37.0 55.6

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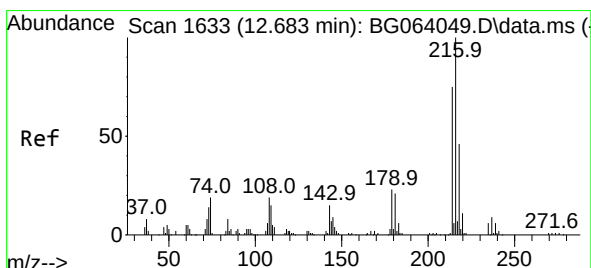
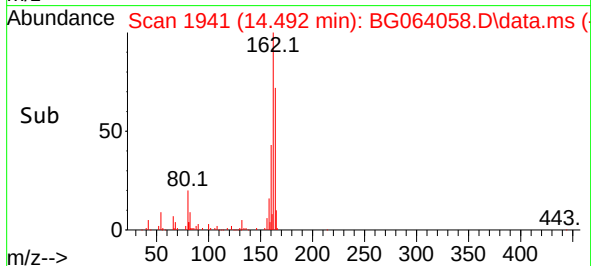
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.370 ng

RT: 12.682 min Scan# 1633

Delta R.T. -0.001 min

Lab File: BG064058.D

Acq: 7 Mar 2025 14:18

Tgt Ion:216 Resp: 142769

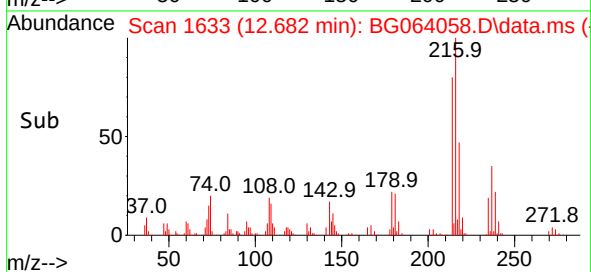
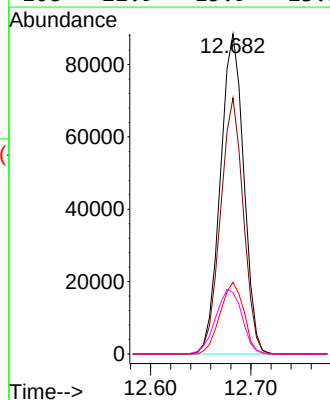
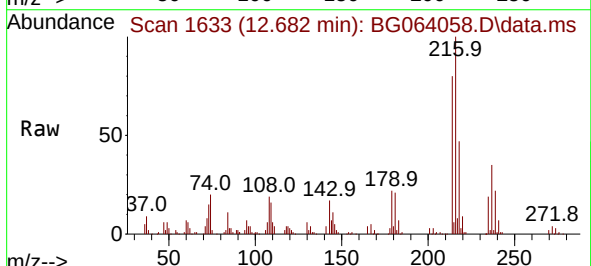
Ion Ratio Lower Upper

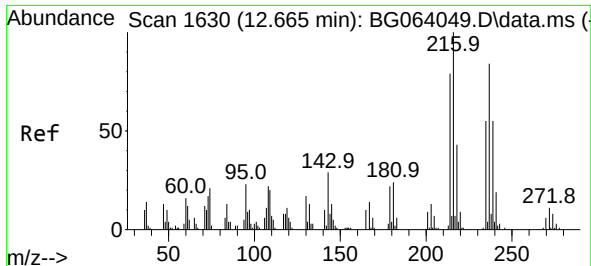
216 100

214 78.2 61.7 92.5

179 22.7 17.9 26.9

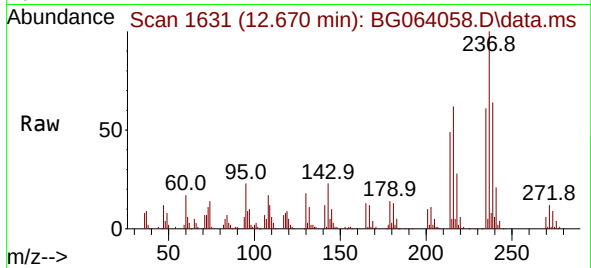
108 22.9 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 145.029 ng
RT: 12.670 min Scan# 1631
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

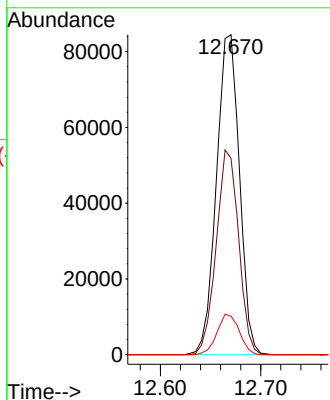
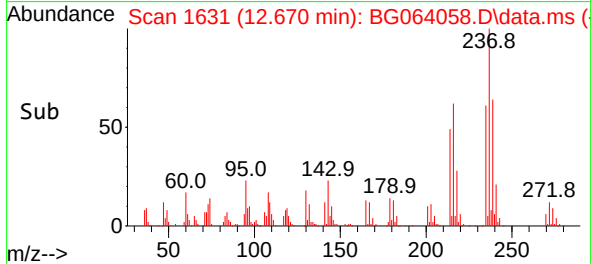
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion:237 Resp: 13437
Ion Ratio Lower Upper
237 100
235 61.4 46.0 86.0
272 12.0 0.0 32.8

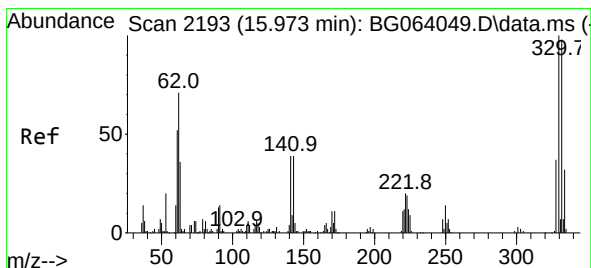
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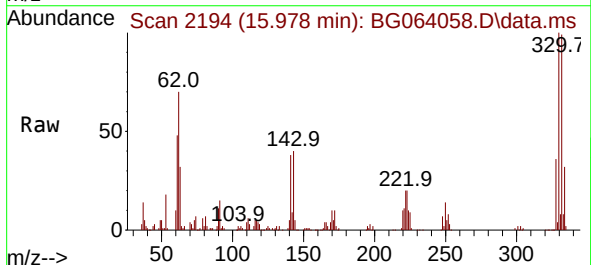


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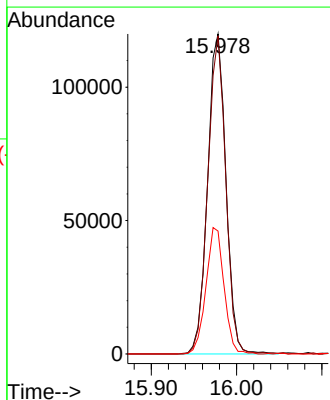
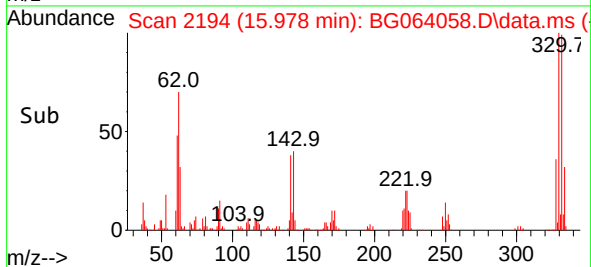
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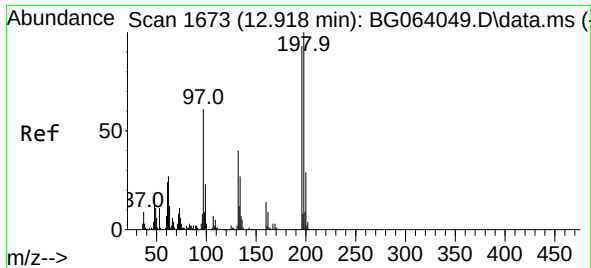


#42
2,4,6-Tribromophenol
Concen: 140.353 ng
RT: 15.978 min Scan# 2194
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



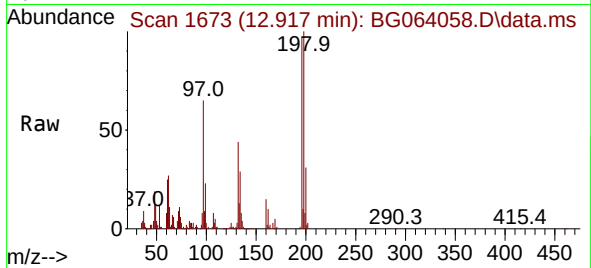
Tgt Ion:330 Resp: 179892
Ion Ratio Lower Upper
330 100
332 97.3 76.7 115.1
141 38.8 29.7 44.5





#43
2,4,6-Trichlorophenol
Concen: 44.657 ng
RT: 12.917 min Scan# 1673
Delta R.T. -0.001 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

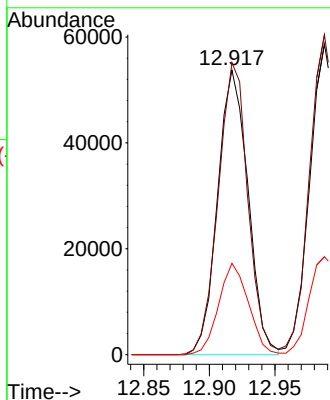
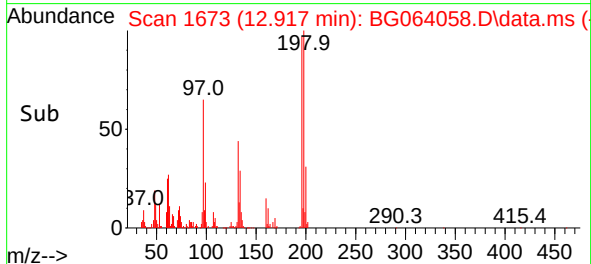
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion:196 Resp: 8664
Ion Ratio Lower Upper
196 100
198 102.6 85.6 128.4
200 32.1 24.6 37.0

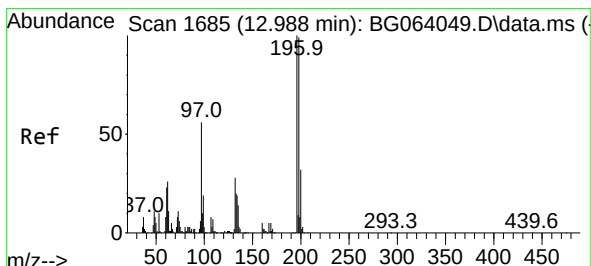
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Supervised By :Jagrut Upadhyay 03/10/2025

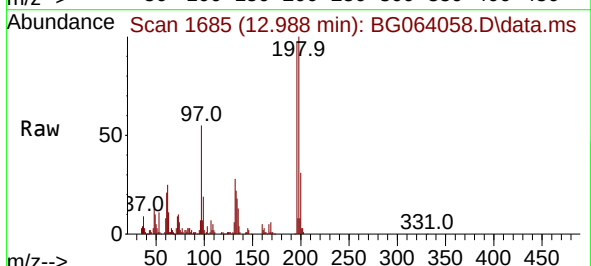


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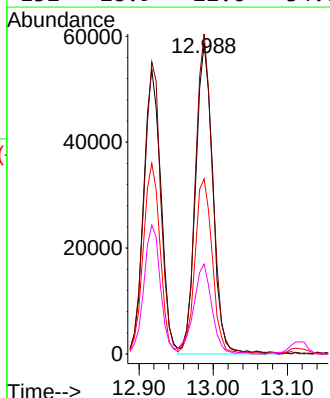
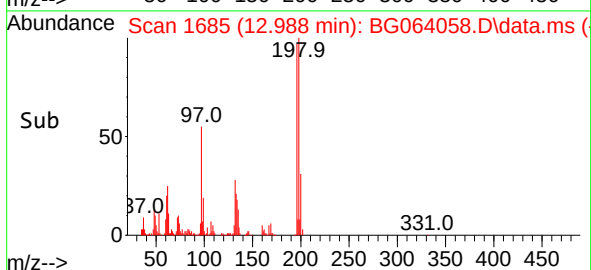
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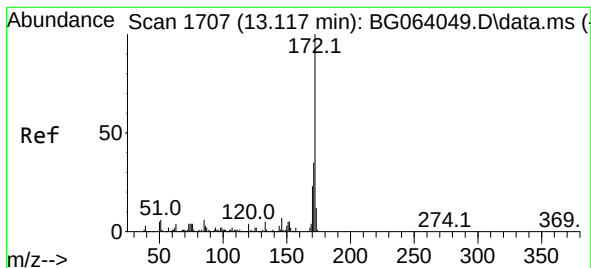


#44
2,4,5-Trichlorophenol
Concen: 44.152 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



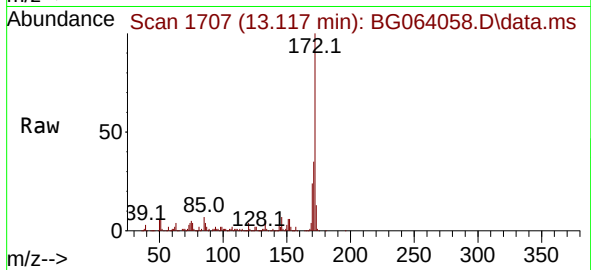
Tgt Ion:196 Resp: 95182
Ion Ratio Lower Upper
196 100
198 103.0 79.5 119.3
97 56.3 45.2 67.8
132 28.9 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 83.585 ng
RT: 13.117 min Scan# 1707
Delta R.T. -0.001 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

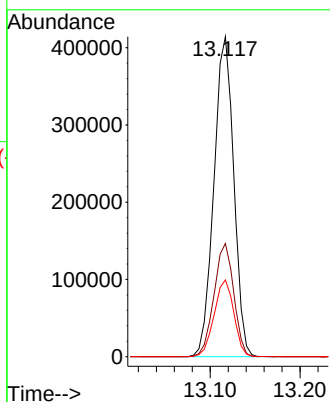
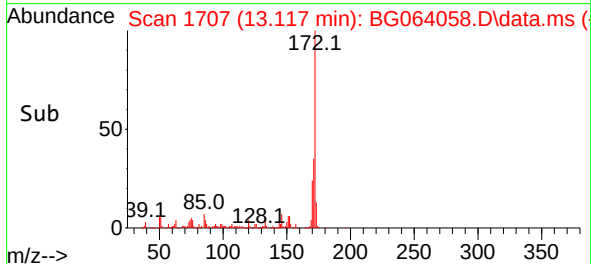
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion:172 Resp: 63495
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 24.0 18.7 28.1

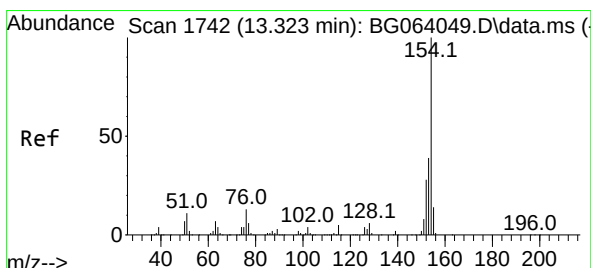
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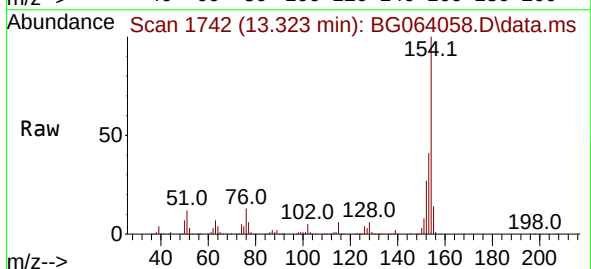


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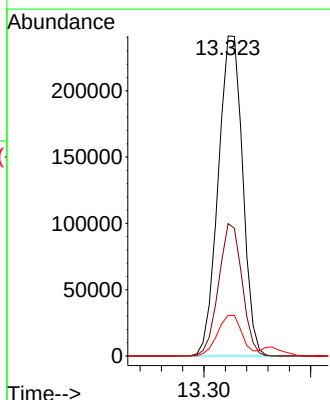
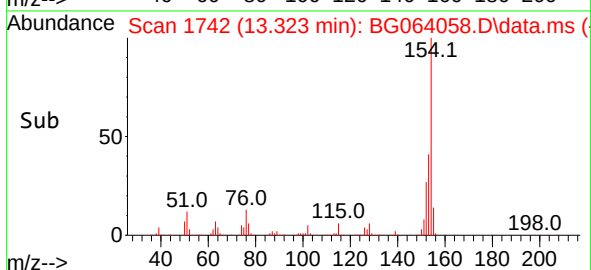
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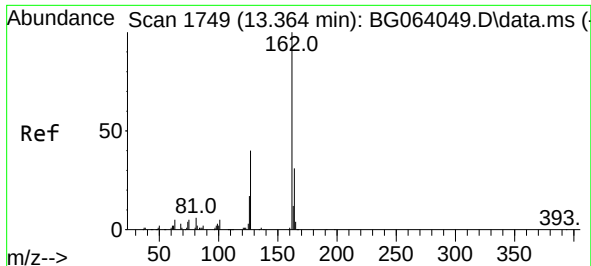


#46
1,1'-Biphenyl
Concen: 44.075 ng
RT: 13.323 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



Tgt Ion:154 Resp: 383958
Ion Ratio Lower Upper
154 100
153 41.3 19.5 59.5
76 12.7 0.0 33.5





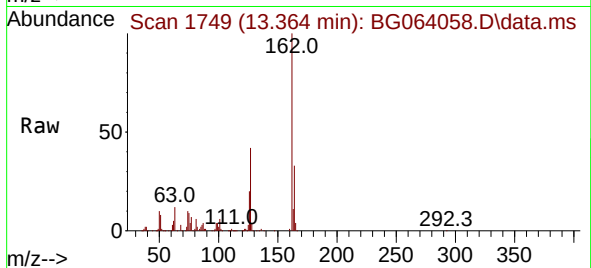
#47
2-Chloronaphthalene
Concen: 40.971 ng
RT: 13.364 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

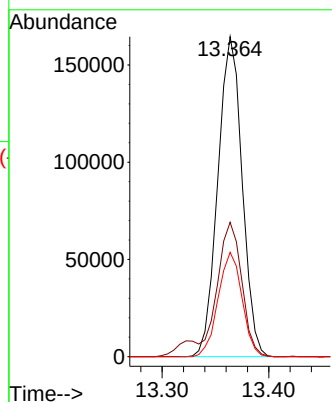
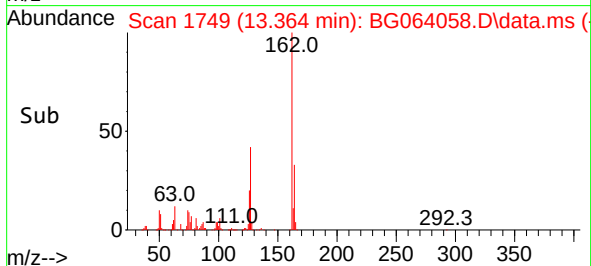
PB167031BS



Tgt Ion:162 Resp: 26031
Ion Ratio Lower Upper
162 100
127 42.0 35.0 52.4
164 32.6 25.0 37.6

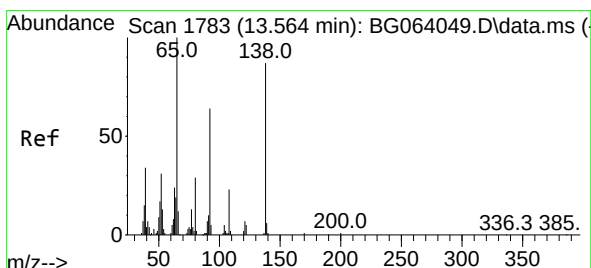
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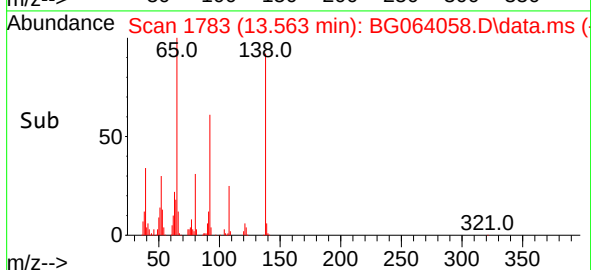
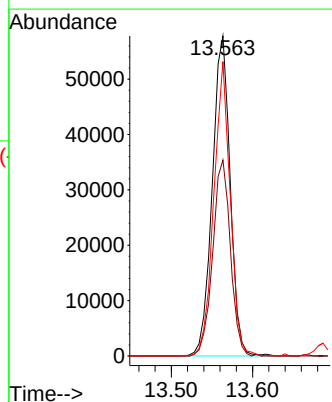
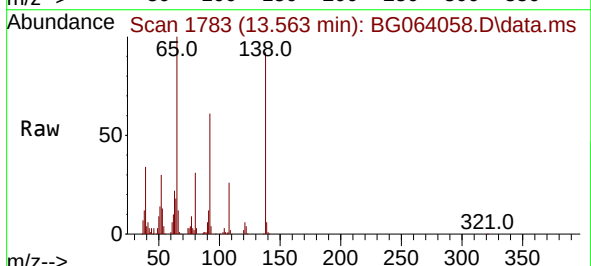
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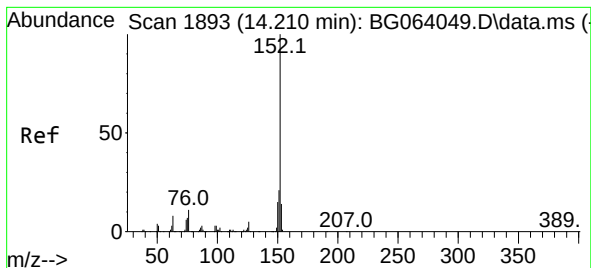
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#48
2-Nitroaniline
Concen: 42.853 ng
RT: 13.563 min Scan# 1783
Delta R.T. -0.001 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Tgt Ion: 65 Resp: 88261
Ion Ratio Lower Upper
65 100
92 61.3 51.2 76.8
138 92.0 69.4 104.2





#49

Acenaphthylene

Concen: 41.958 ng

RT: 14.210 min Scan# 1893

Delta R.T. -0.001 min

Lab File: BG064058.D

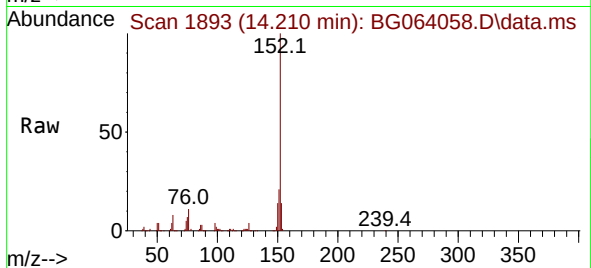
Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

PB167031BS



Tgt Ion:152 Resp: 421662

Ion Ratio Lower Upper

152 100

151 21.3 16.4 24.6

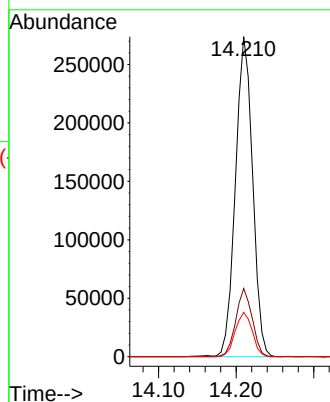
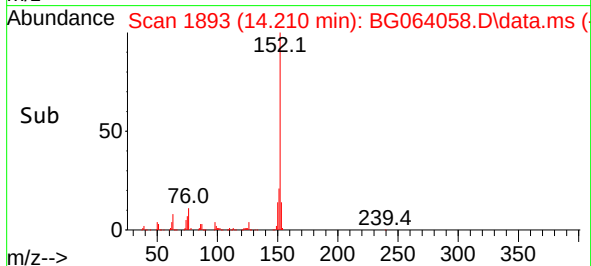
153 13.9 10.9 16.3

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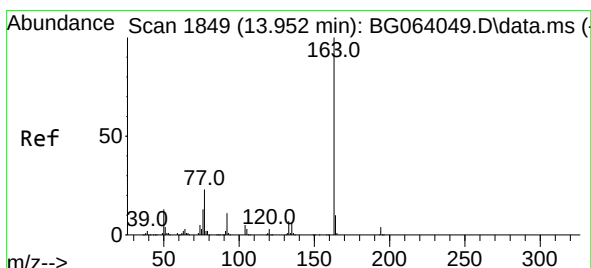
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#50

Dimethylphthalate

Concen: 40.599 ng

RT: 13.951 min Scan# 1849

Delta R.T. -0.001 min

Lab File: BG064058.D

Acq: 7 Mar 2025 14:18

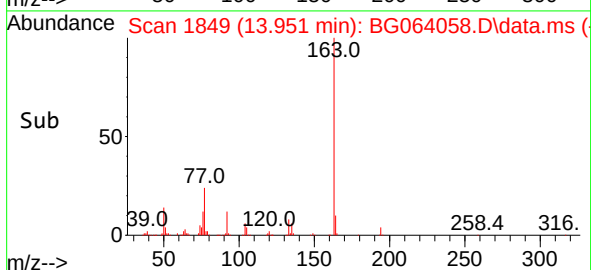
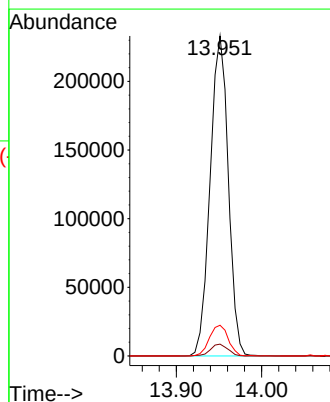
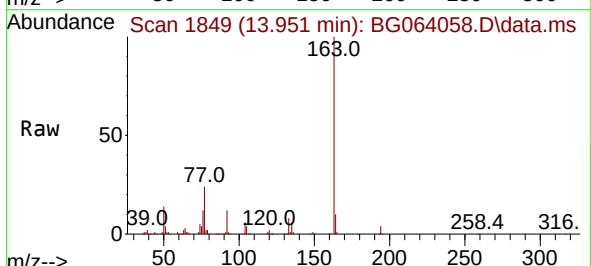
Tgt Ion:163 Resp: 345559

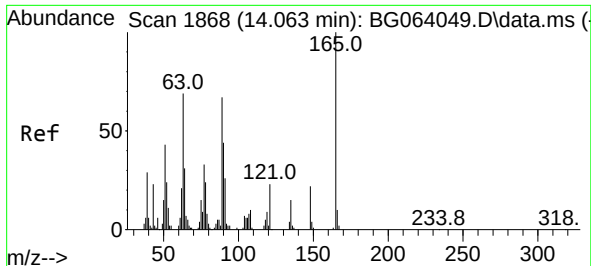
Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

164 9.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 40.946 ng
RT: 14.063 min Scan# 1868
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

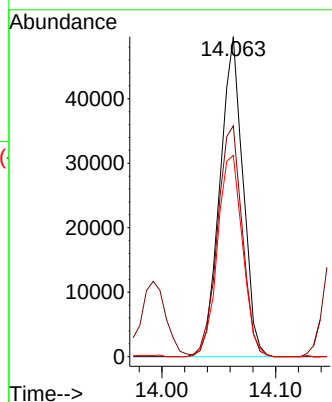
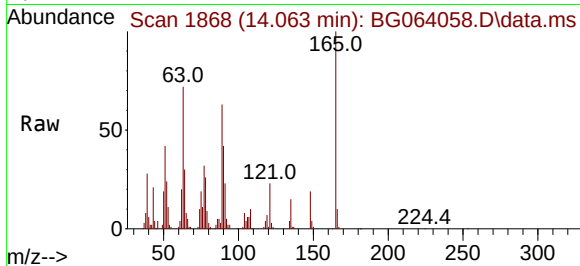
ClientSampleId :

PB167031BS

Tgt Ion:165 Resp: 69789
Ion Ratio Lower Upper
165 100
63 72.1 56.7 85.1
89 62.9 53.7 80.5

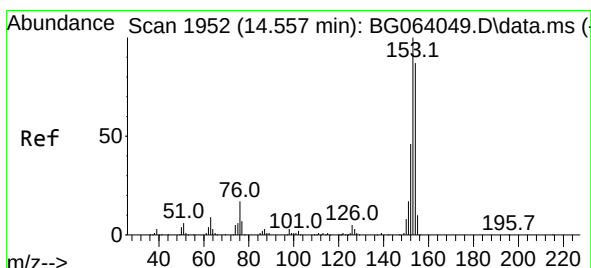
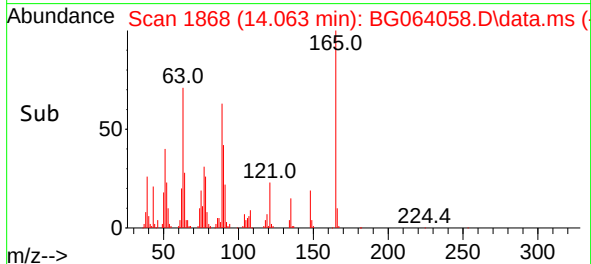
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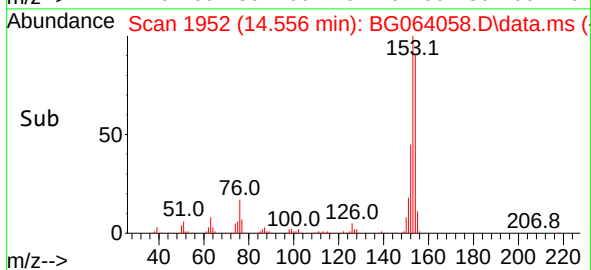
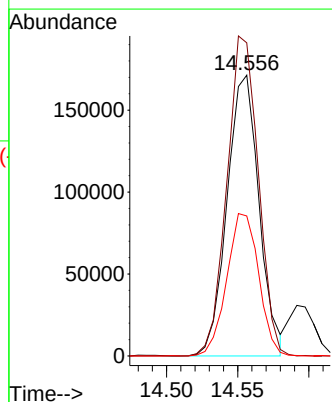
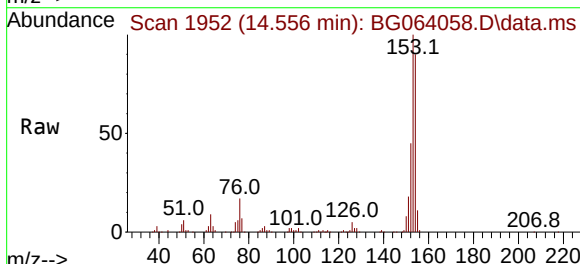
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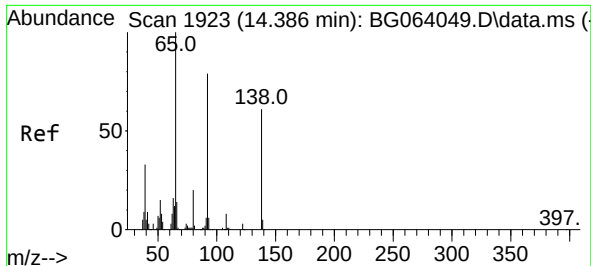
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#52
Acenaphthene
Concen: 39.839 ng
RT: 14.556 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

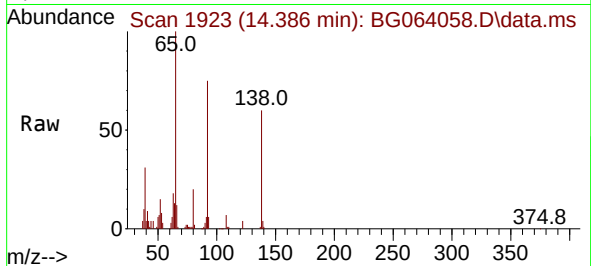
Tgt Ion:154 Resp: 268690
Ion Ratio Lower Upper
154 100
153 111.5 91.6 137.4
152 49.8 42.5 63.7





#53
3-Nitroaniline
Concen: 26.207 ng
RT: 14.386 min Scan# 1923
Delta R.T. -0.001 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

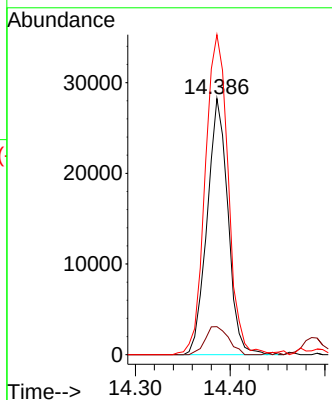
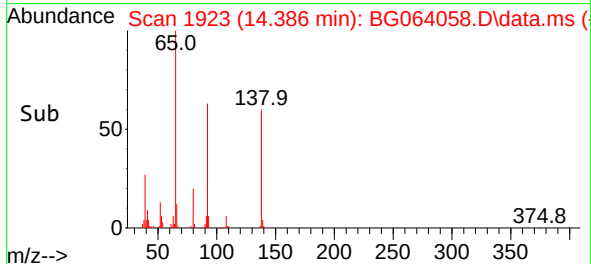
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion:138 Resp: 4311
Ion Ratio Lower Upper
138 100
108 10.9 10.1 15.1
92 124.9 104.1 156.1

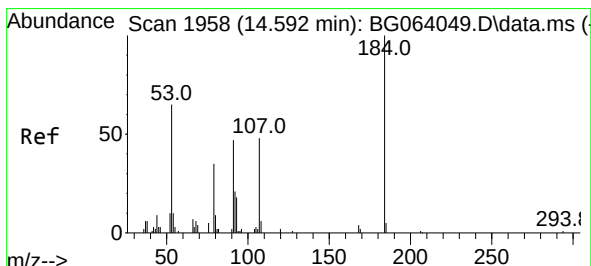
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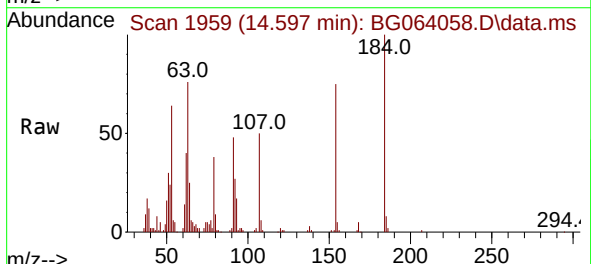


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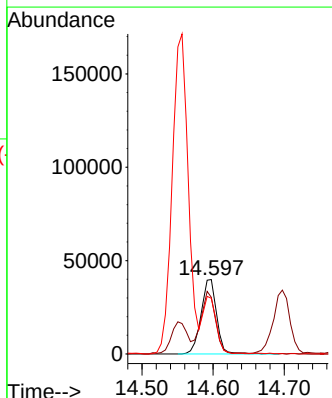
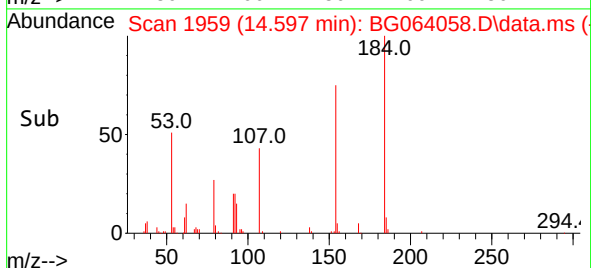
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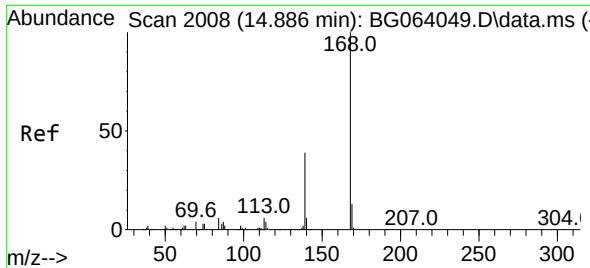


#54
2,4-Dinitrophenol
Concen: 83.859 ng
RT: 14.597 min Scan# 1959
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



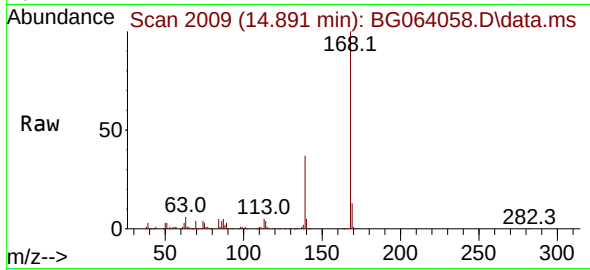
Tgt Ion:184 Resp: 60678
Ion Ratio Lower Upper
184 100
63 76.2 57.5 86.3
154 74.9 52.3 78.5





#55
Dibenzenofuran
Concen: 38.165 ng
RT: 14.891 min Scan# 2008
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

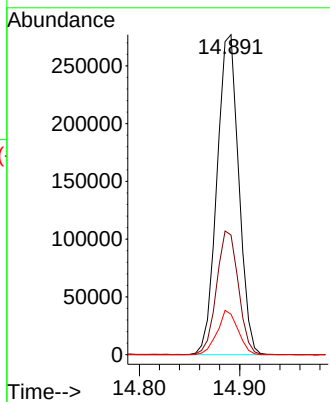
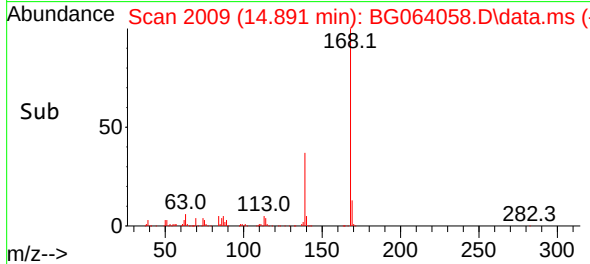
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion:168 Resp: 416978
Ion Ratio Lower Upper
168 100
139 37.4 31.1 46.7
169 12.7 10.5 15.7

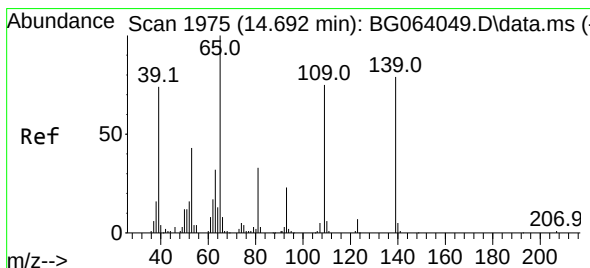
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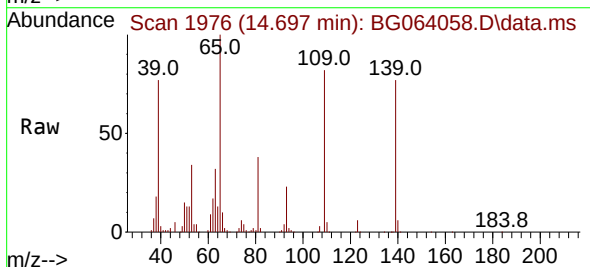


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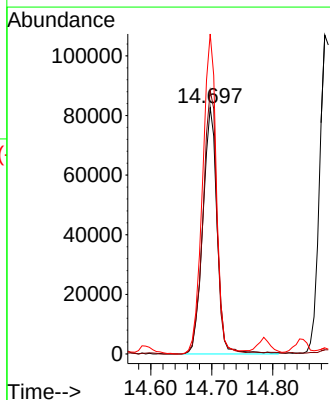
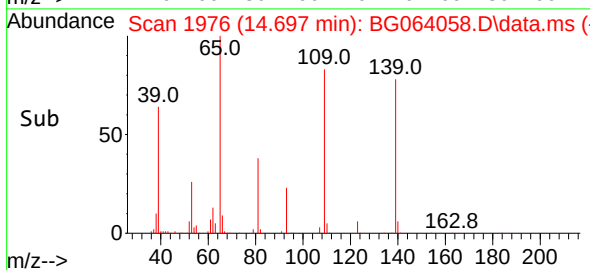
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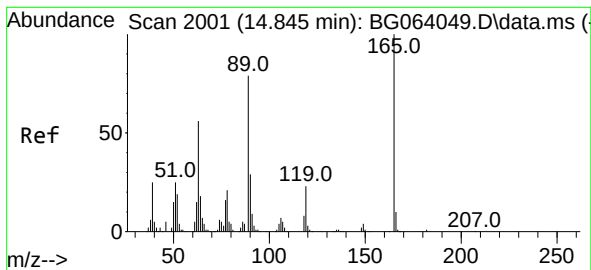


#56
4-Nitrophenol
Concen: 97.528 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



Tgt Ion:139 Resp: 134556
Ion Ratio Lower Upper
139 100
109 106.9 74.9 114.9
65 129.8 106.8 146.8





#57
2,4-Dinitrotoluene
Concen: 42.989 ng
RT: 14.850 min Scan# 2001
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

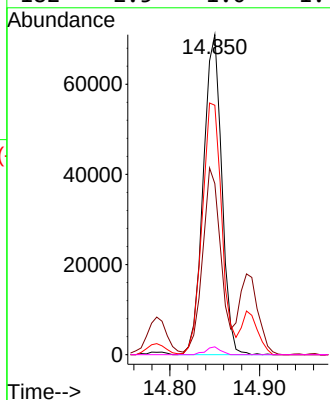
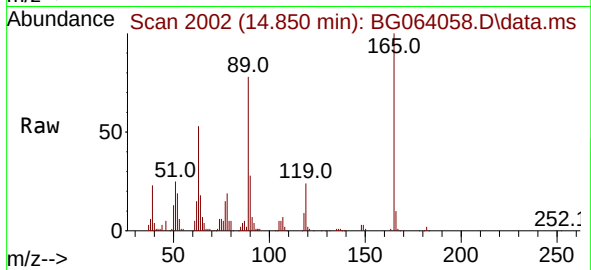
ClientSampleId :

PB167031BS

Tgt Ion:165 Resp: 10144
Ion Ratio Lower Upper
165 100
63 53.4 45.0 67.6
89 78.0 63.1 94.7
182 2.5 1.0 1.4#

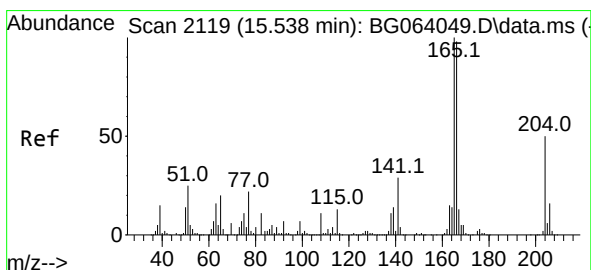
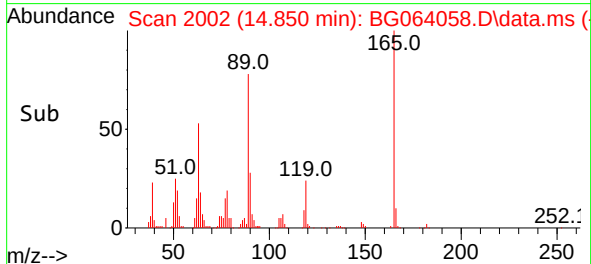
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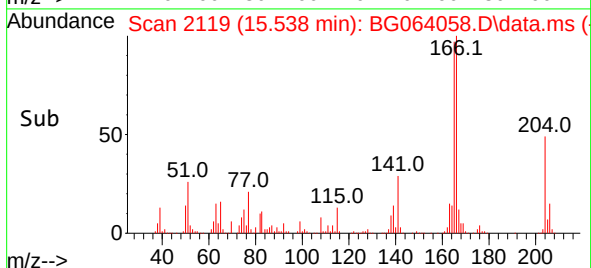
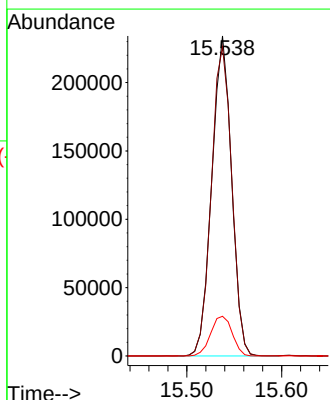
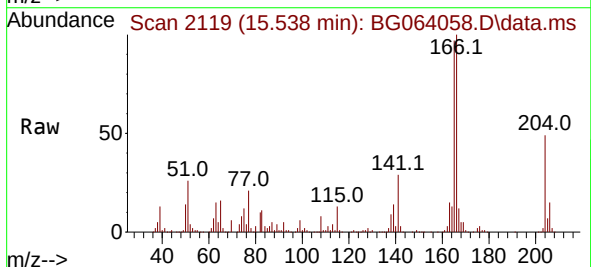
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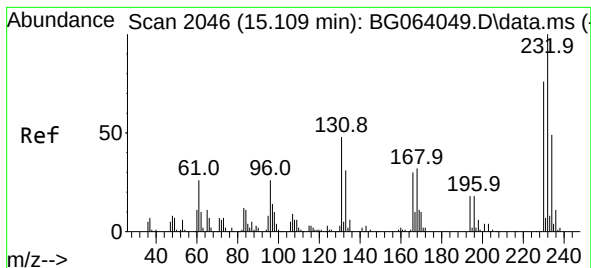
03/10/2025



#58
Fluorene
Concen: 39.782 ng
RT: 15.538 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Tgt Ion:166 Resp: 338529
Ion Ratio Lower Upper
166 100
165 96.6 81.8 122.8
167 12.4 10.8 16.2





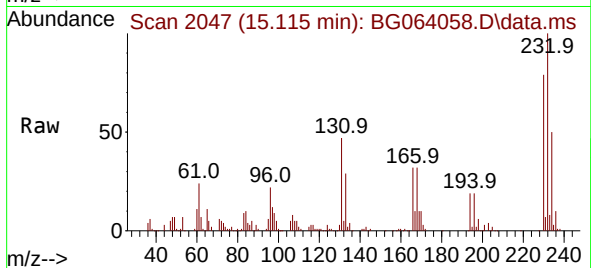
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.492 ng
RT: 15.115 min Scan# 2046
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

PB167031BS

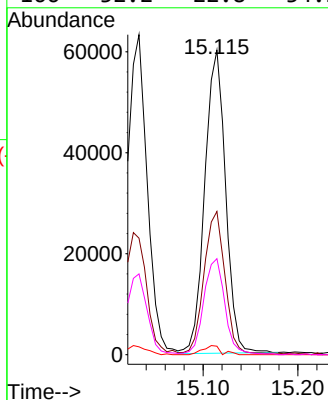
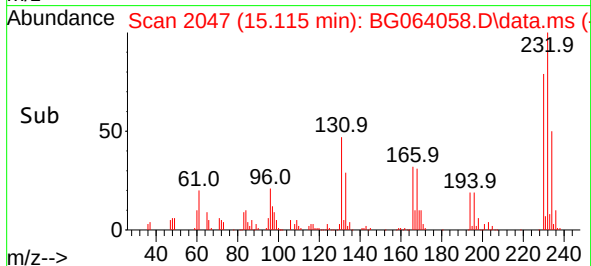


Tgt Ion:232 Resp: 91404
Ion Ratio Lower Upper
232 100
131 47.4 36.3 54.5
130 2.7 1.9 2.9
166 32.2 22.8 34.2

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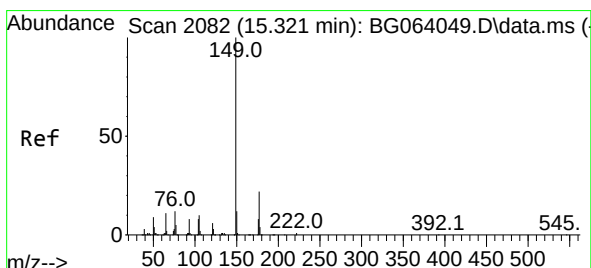
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Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

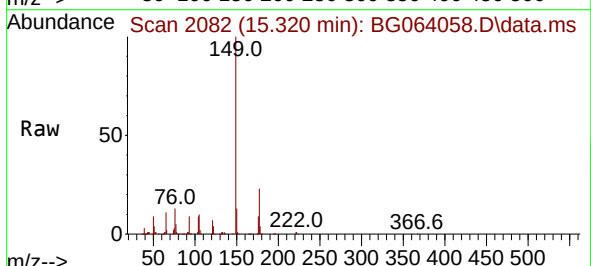


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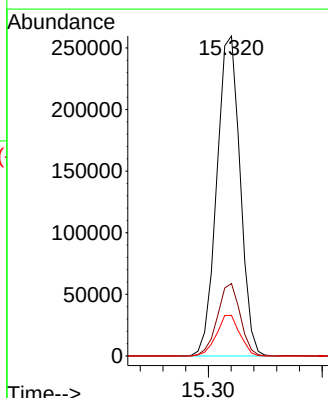
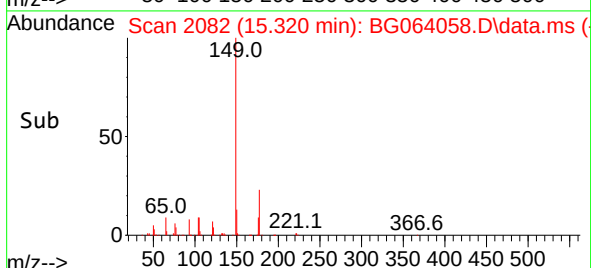
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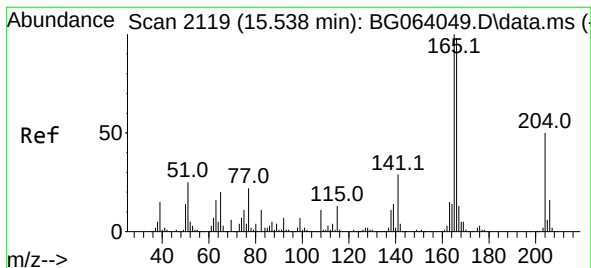


#60
Diethylphthalate
Concen: 39.992 ng
RT: 15.320 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



Tgt Ion:149 Resp: 369537
Ion Ratio Lower Upper
149 100
177 22.6 17.4 26.2
150 12.7 9.4 14.2





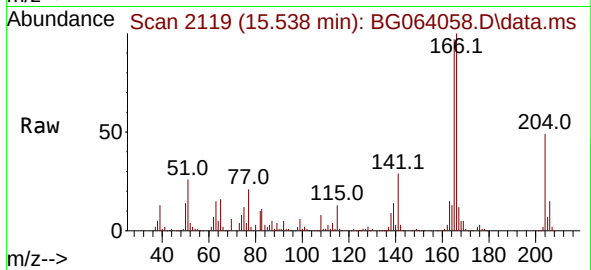
#61
4-Chlorophenyl-phenylether
Concen: 39.095 ng
RT: 15.538 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

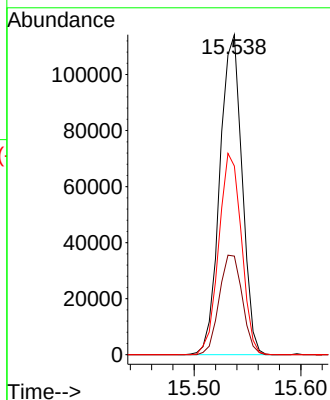
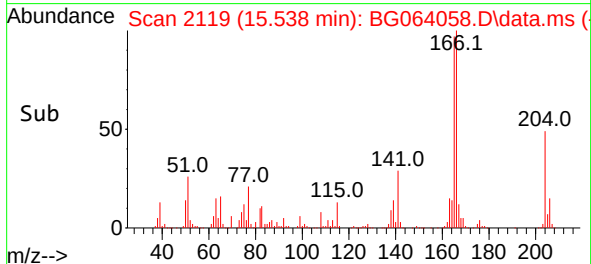
PB167031BS



Tgt Ion:204 Resp: 165324
Ion Ratio Lower Upper
204 100
206 30.8 25.5 38.3
141 58.9 45.4 68.0

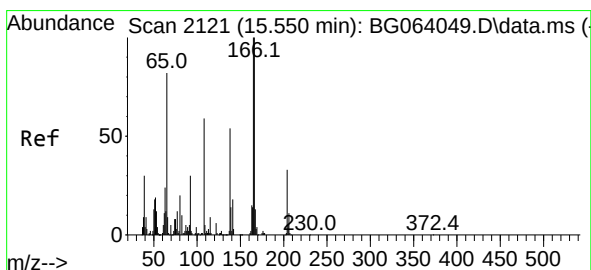
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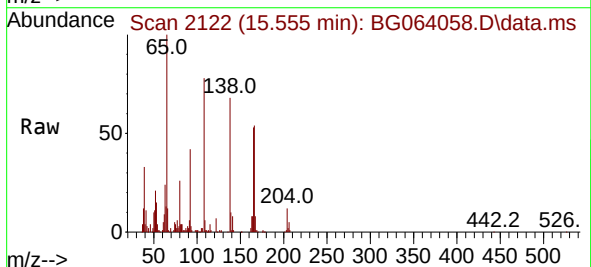


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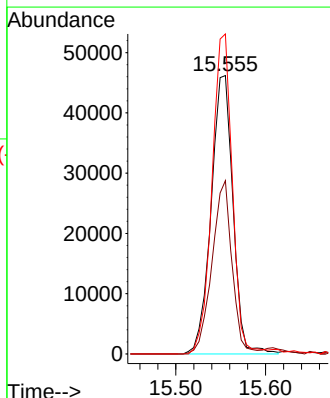
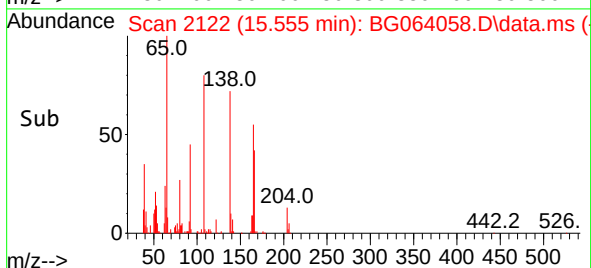
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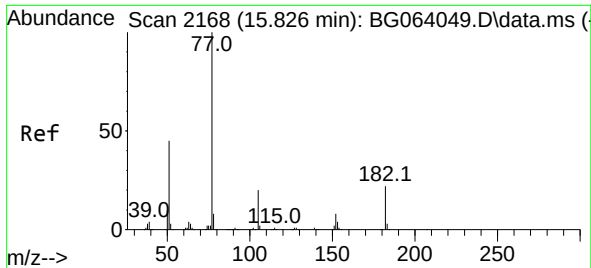


#62
4-Nitroaniline
Concen: 43.863 ng
RT: 15.555 min Scan# 2122
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



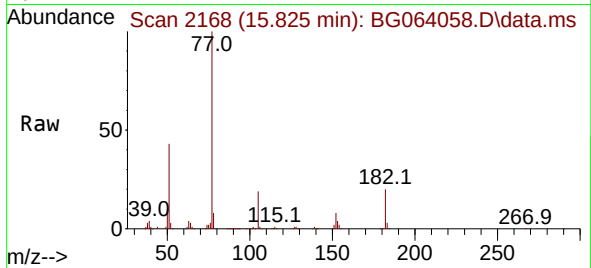
Tgt Ion:138 Resp: 77903
Ion Ratio Lower Upper
138 100
92 62.2 36.1 76.1
108 114.9 87.9 127.9





#63
Azobenzene
Concen: 39.420 ng
RT: 15.825 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

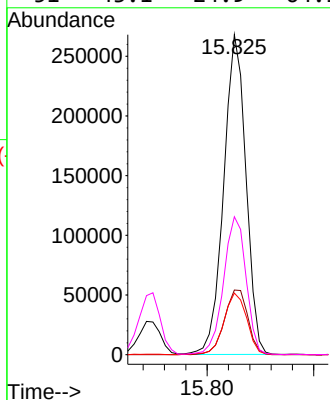
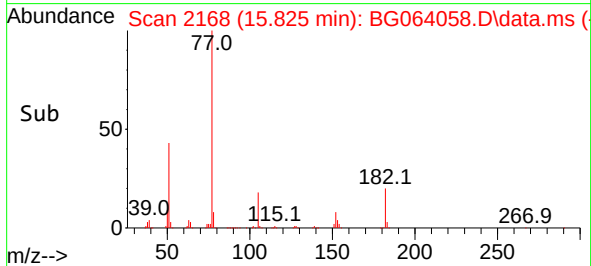
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion: 77 Resp: 388690
Ion Ratio Lower Upper
77 100
182 20.2 2.4 42.4
105 19.2 0.0 40.0
51 43.1 24.9 64.9

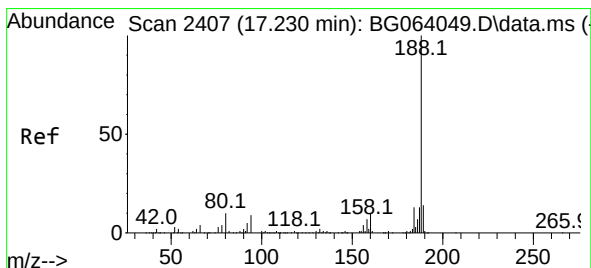
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Supervised By :Jagrut Upadhyay 03/10/2025

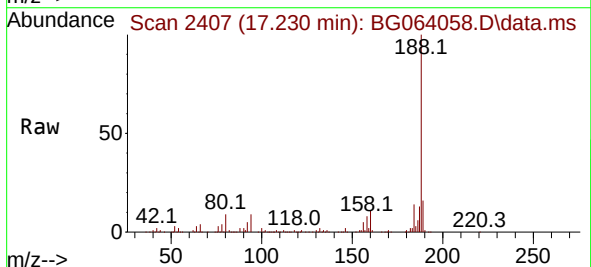


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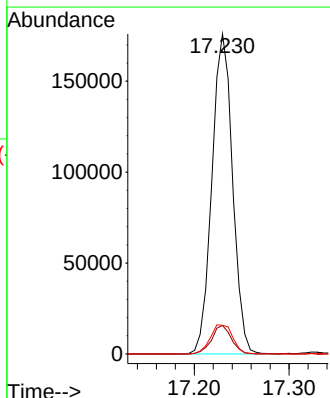
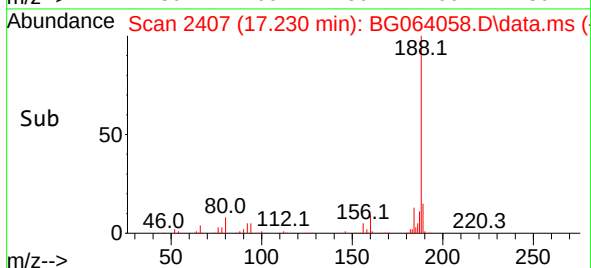
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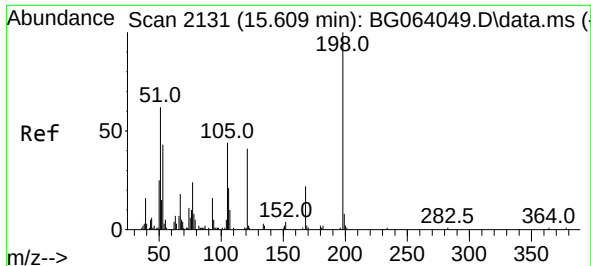


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.230 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



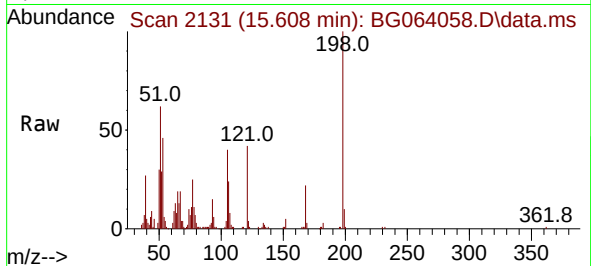
Tgt Ion:188 Resp: 265788
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 8.9 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 41.331 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.001 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

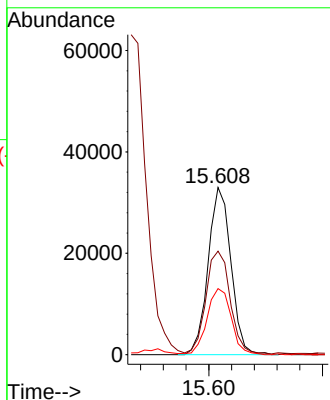
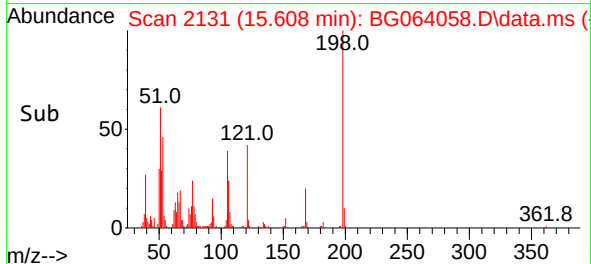
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion:198 Resp: 4588
Ion Ratio Lower Upper
198 100
51 62.0 45.6 85.6
105 39.5 25.3 65.3

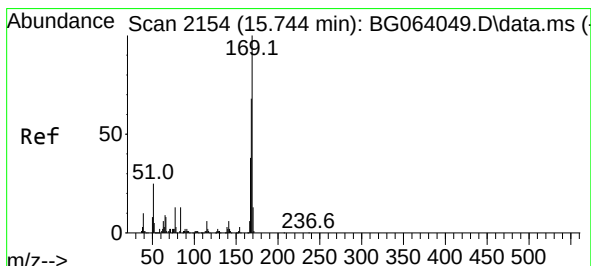
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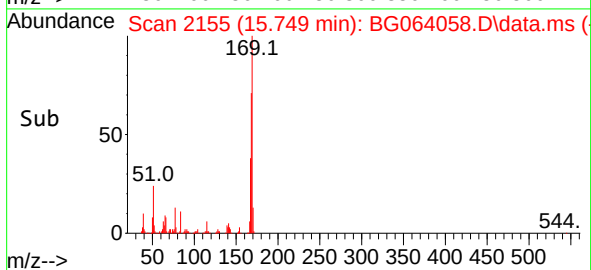
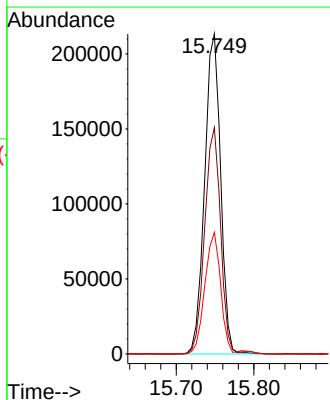
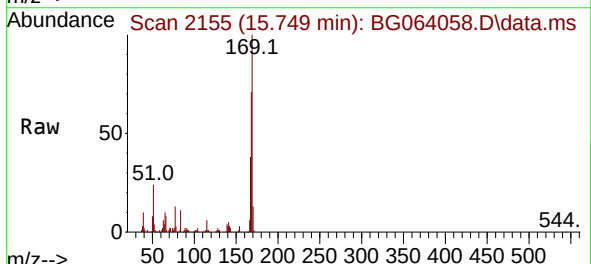
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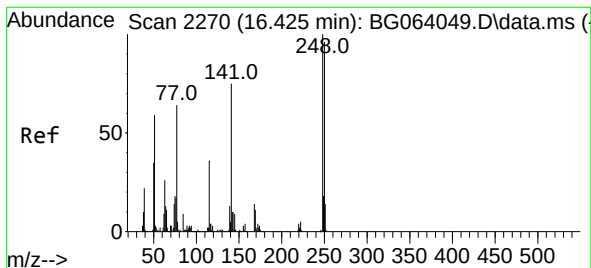
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#66
n-Nitrosodiphenylamine
Concen: 40.538 ng
RT: 15.749 min Scan# 2155
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Tgt Ion:169 Resp: 304982
Ion Ratio Lower Upper
169 100
168 70.7 54.1 81.1
167 38.0 30.3 45.5





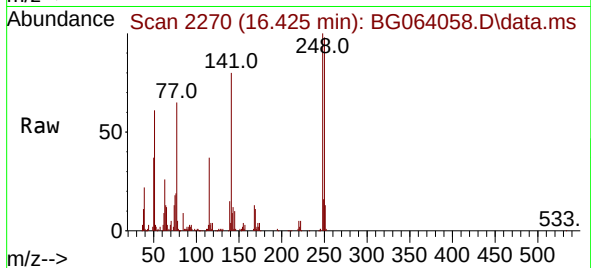
#67
4-Bromophenyl-phenylether
Concen: 39.962 ng
RT: 16.425 min Scan# 211
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

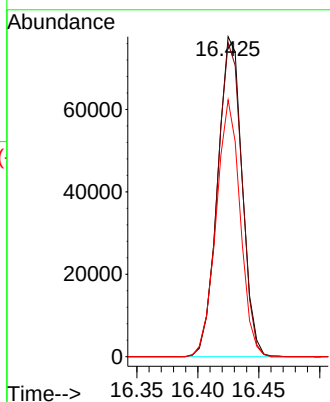
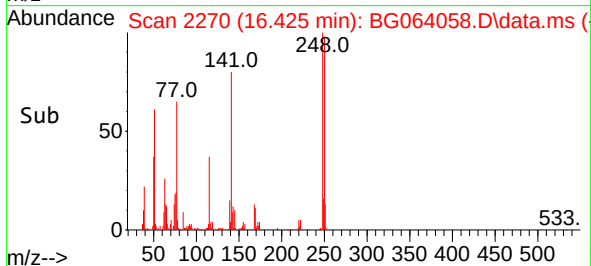
PB167031BS



Tgt Ion:248 Resp: 10878
Ion Ratio Lower Upper
248 100
250 98.1 77.1 115.7
141 80.3 59.8 89.8

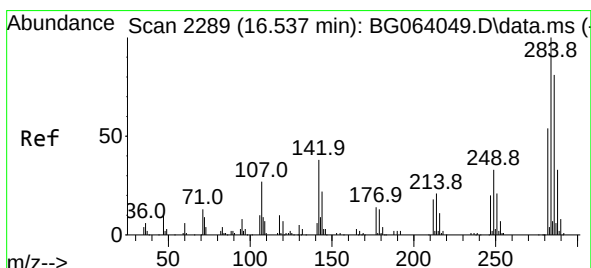
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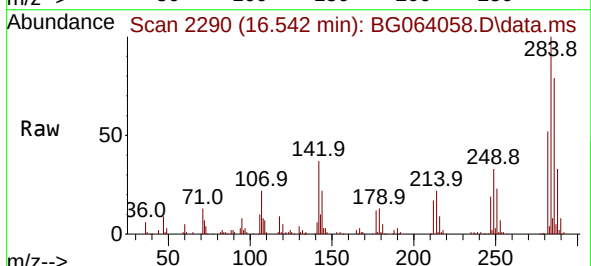


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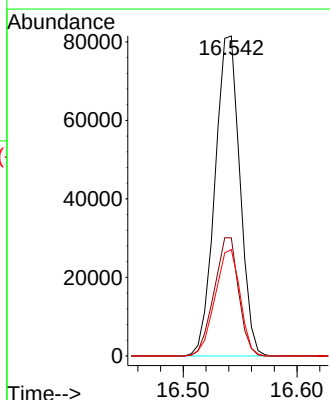
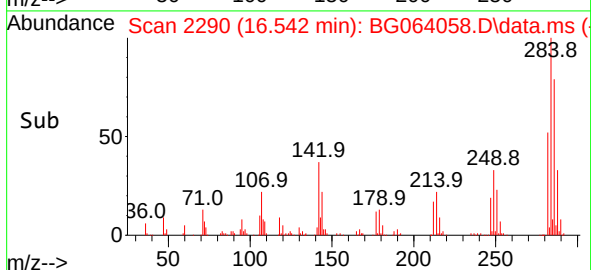
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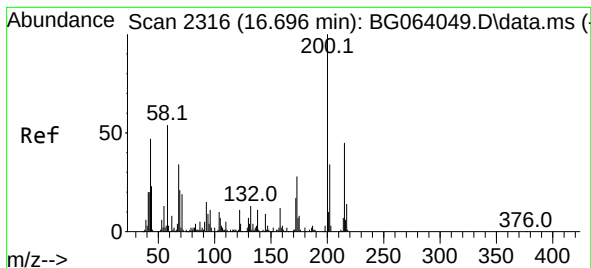


#68
Hexachlorobenzene
Concen: 40.708 ng
RT: 16.542 min Scan# 2290
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



Tgt Ion:284 Resp: 124061
Ion Ratio Lower Upper
284 100
142 36.9 30.6 45.8
249 33.3 26.6 39.8





#69

Atrazine

Concen: 62.032 ng

RT: 16.701 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG064058.D

Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

PB167031BS

Tgt Ion:200 Resp: 137310

Ion Ratio Lower Upper

200 100

173 23.8 8.2 48.2

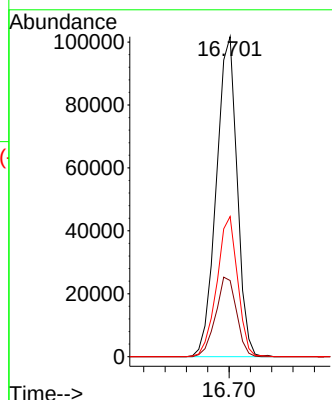
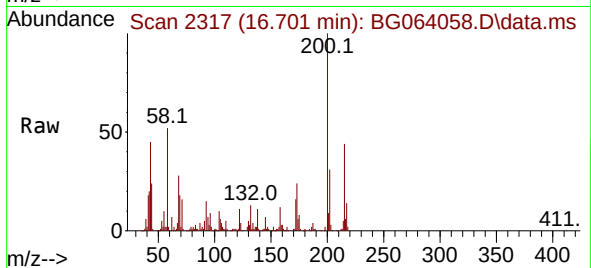
215 43.8 25.5 65.5

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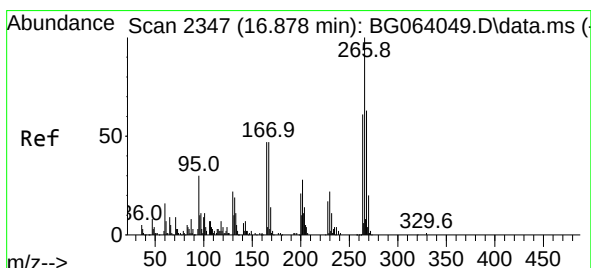
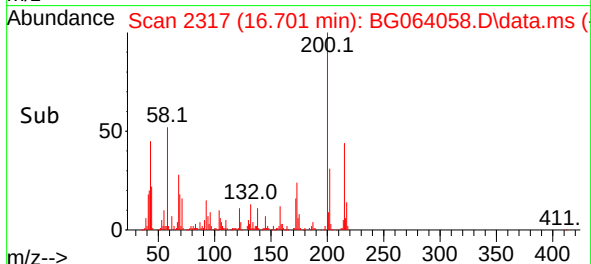
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Upadhyay

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#70

Pentachlorophenol

Concen: 85.314 ng

RT: 16.883 min Scan# 2348

Delta R.T. 0.005 min

Lab File: BG064058.D

Acq: 7 Mar 2025 14:18

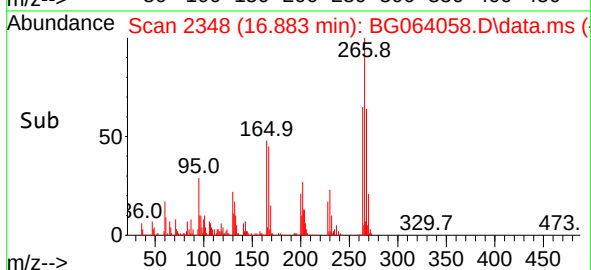
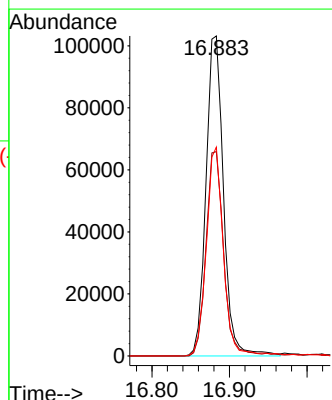
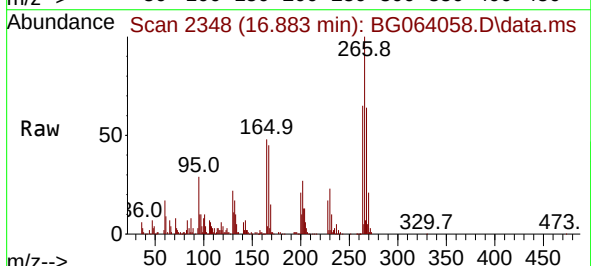
Tgt Ion:266 Resp: 161432

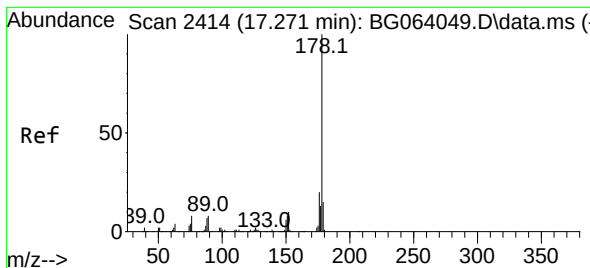
Ion Ratio Lower Upper

266 100

268 63.8 50.2 75.4

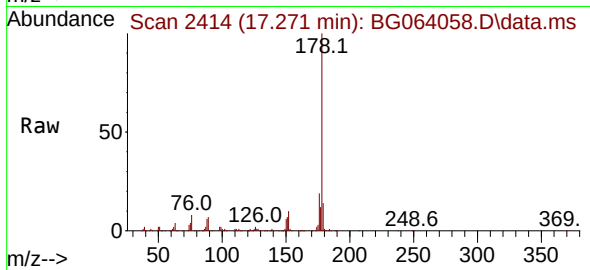
264 65.2 48.9 73.3





#71
Phenanthrene
Concen: 41.367 ng
RT: 17.271 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

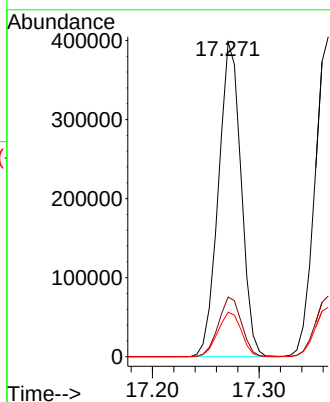
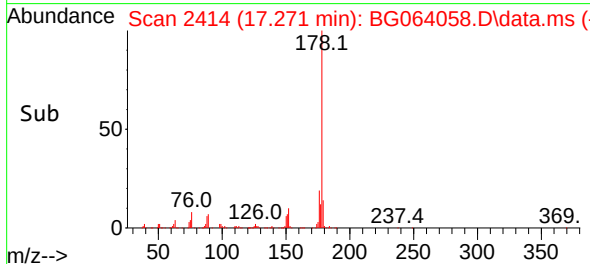
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion:178 Resp: 586440
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 14.2 12.2 18.2

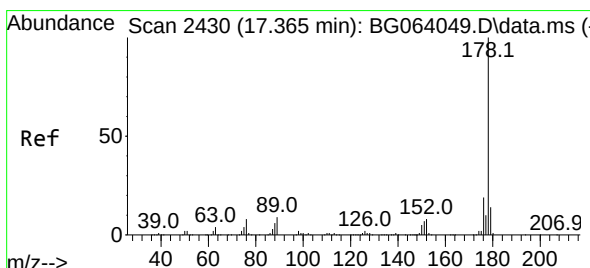
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Supervised By :Jagrut Upadhyay 03/10/2025

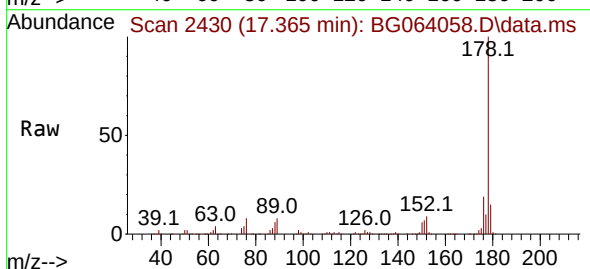


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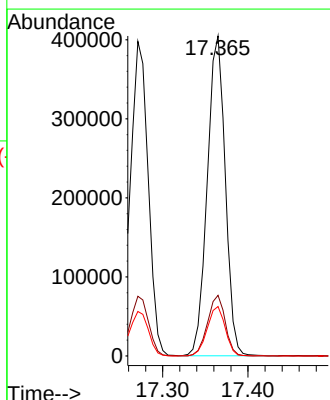
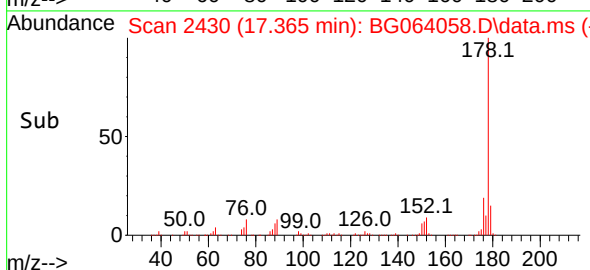
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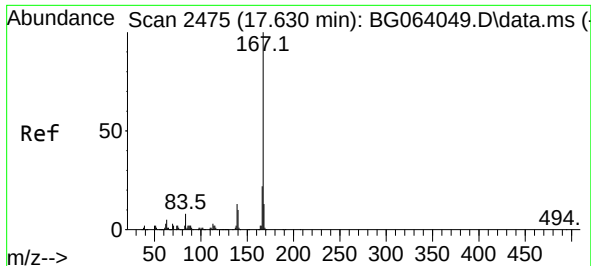


#72
Anthracene
Concen: 42.231 ng
RT: 17.365 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



Tgt Ion:178 Resp: 595310
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.5 11.5 17.3





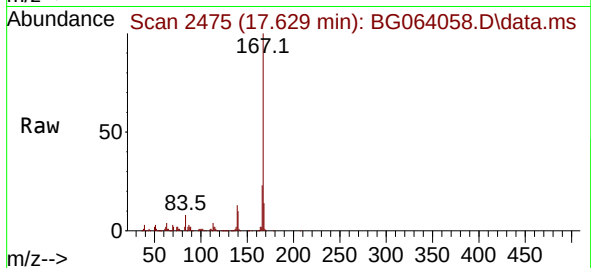
#73
 Carbazole
 Concen: 41.324 ng
 RT: 17.629 min Scan# 2475
 Delta R.T. -0.000 min
 Lab File: BG064058.D
 Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

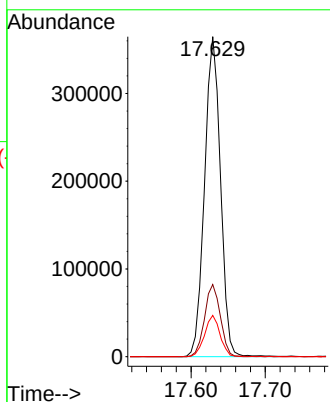
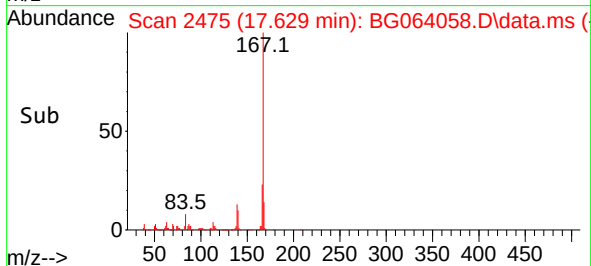
PB167031BS



Tgt Ion:167 Resp: 543870
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 12.9 10.6 15.8

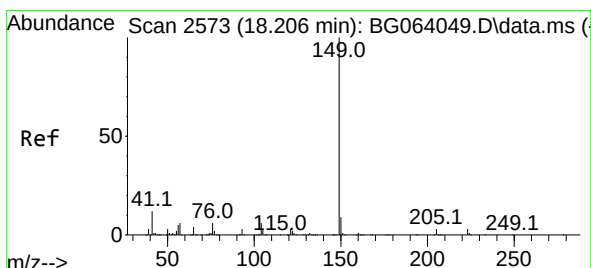
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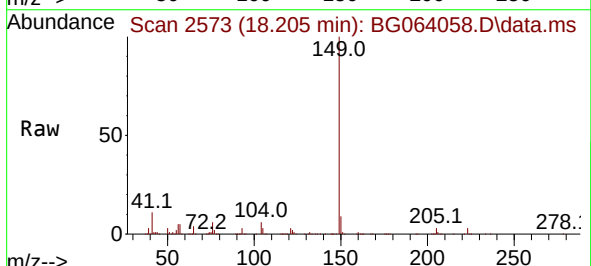


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 Supervised By :Jagrut
 Upadhyay

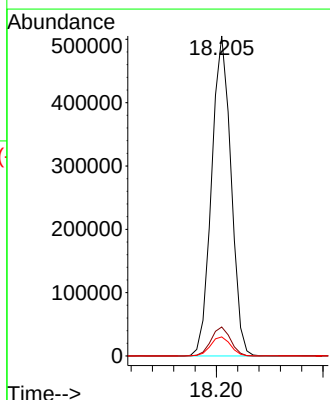
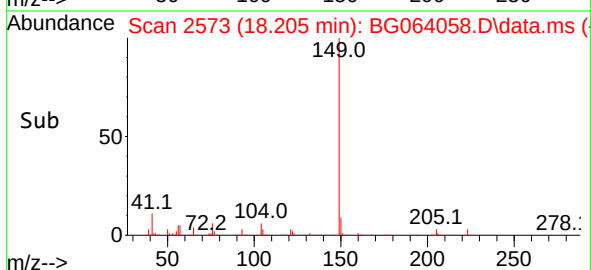
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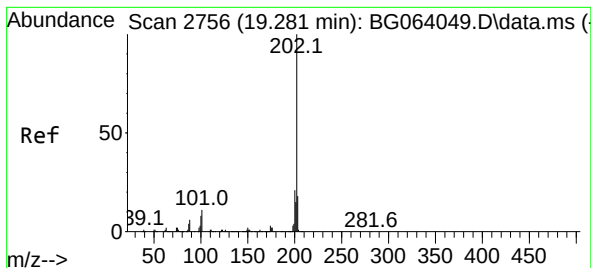


#74
 Di-n-butylphthalate
 Concen: 41.202 ng
 RT: 18.205 min Scan# 2573
 Delta R.T. -0.000 min
 Lab File: BG064058.D
 Acq: 7 Mar 2025 14:18



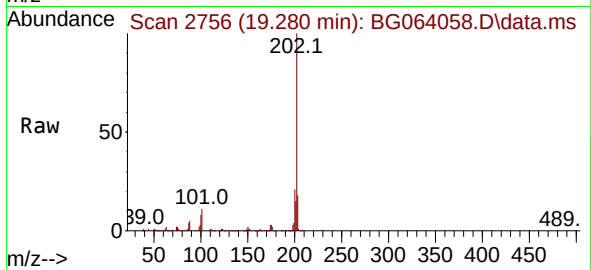
Tgt Ion:149 Resp: 638316
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 6.0 5.0 7.6





#75
Fluoranthene
Concen: 39.371 ng
RT: 19.280 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

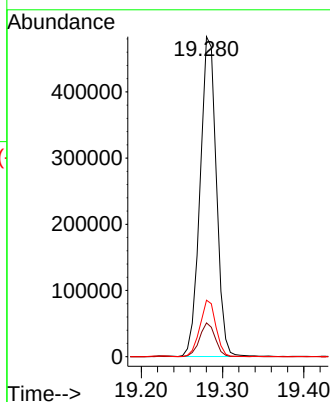
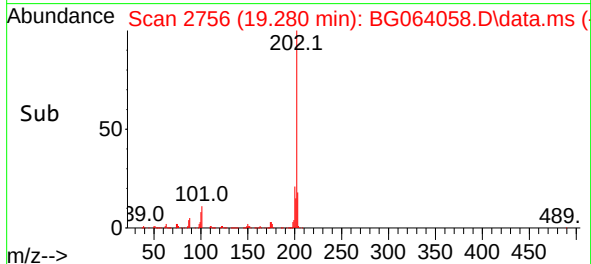
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion:202 Resp: 67289
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.5
203 17.6 0.0 38.3

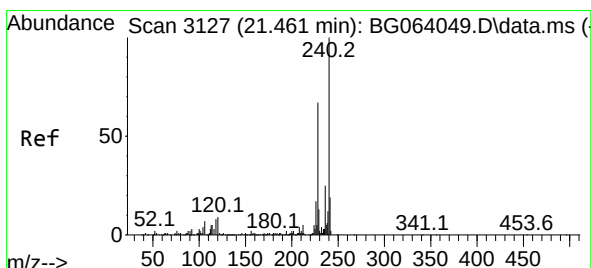
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Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

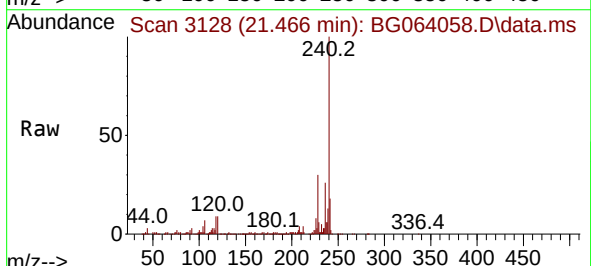


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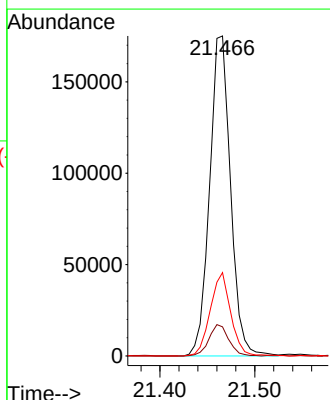
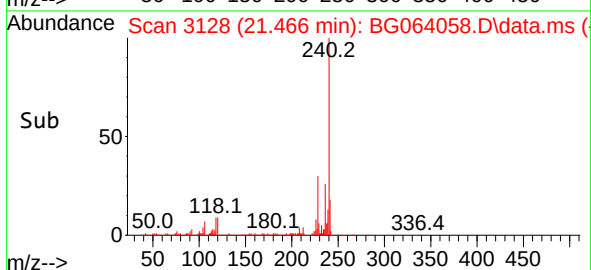
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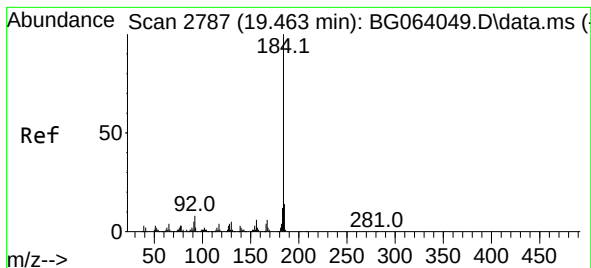


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.466 min Scan# 3128
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



Tgt Ion:240 Resp: 268408
Ion Ratio Lower Upper
240 100
120 9.1 7.2 10.8
236 26.0 20.2 30.2





#77

Benzidine

Concen: 52.965 ng

RT: 19.462 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064058.D

Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

PB167031BS

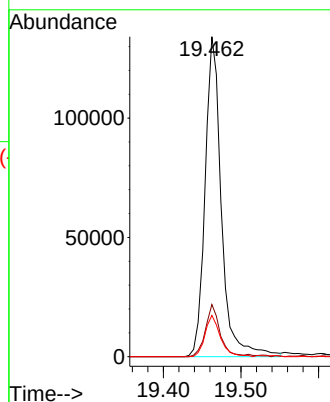
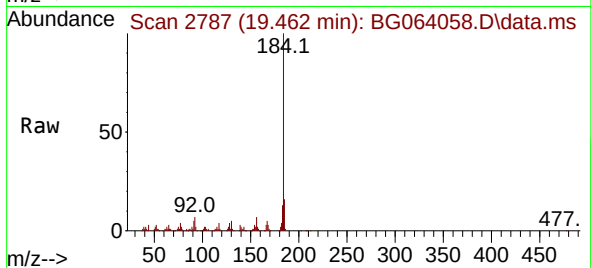
Tgt Ion:184	Resp: 19685
Ion Ratio	Lower Upper
184 100	
185 16.3	11.3 16.9
183 12.9	9.5 14.3

Manual Integrations

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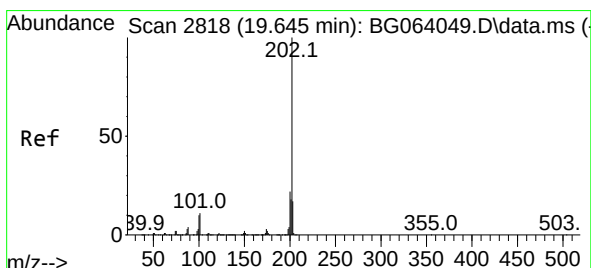
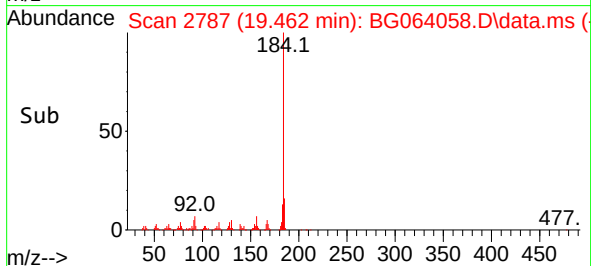
Reviewed By :Anahy Claudio 03/10/2025

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Upadhyay

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#78

Pyrene

Concen: 40.975 ng

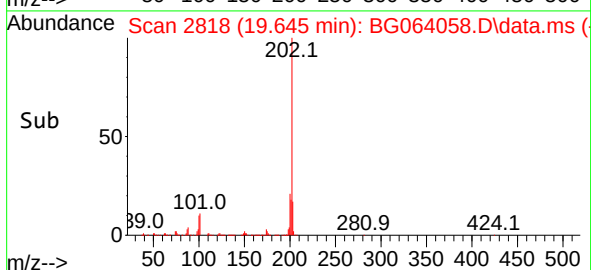
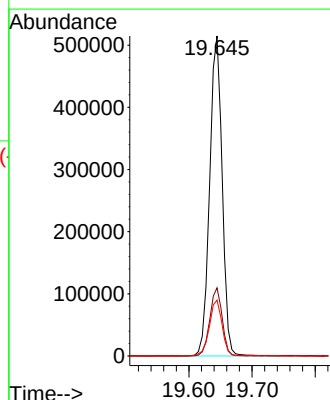
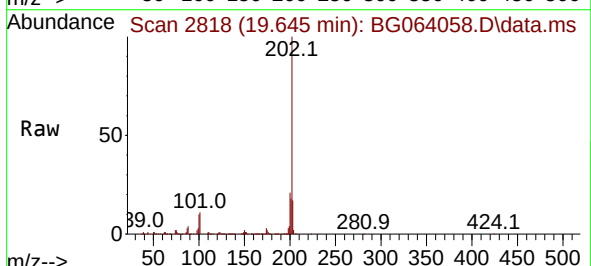
RT: 19.645 min Scan# 2818

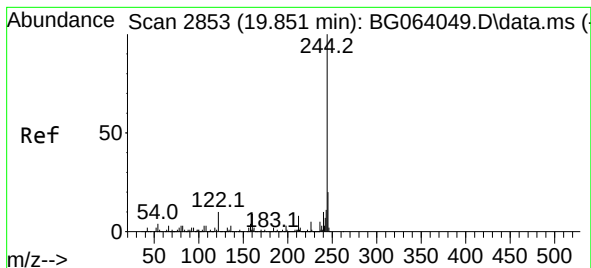
Delta R.T. -0.000 min

Lab File: BG064058.D

Acq: 7 Mar 2025 14:18

Tgt Ion:202	Resp: 708955
Ion Ratio	Lower Upper
202 100	
200 21.3	17.3 25.9
203 17.5	13.6 20.4





#79

Terphenyl-d14

Concen: 88.297 ng

RT: 19.850 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064058.D

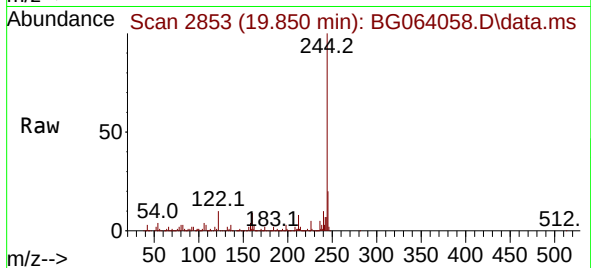
Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

PB167031BS



Tgt Ion:244 Resp: 117208

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

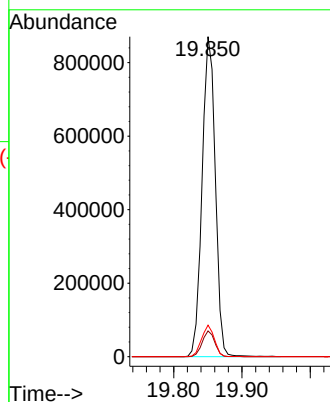
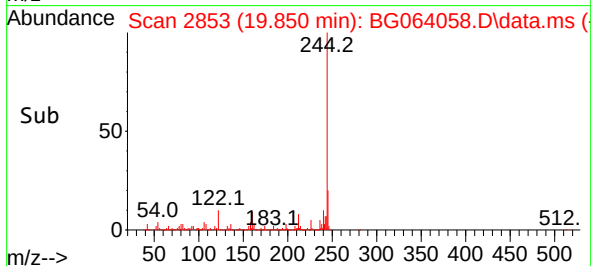
122 9.9 8.0 12.0

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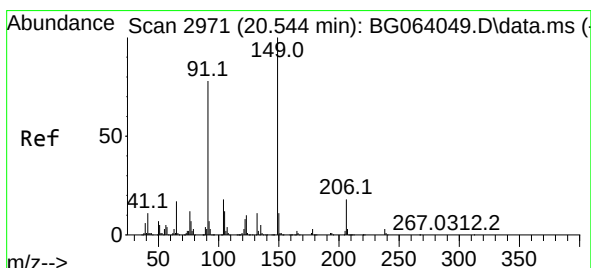
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#80

Butylbenzylphthalate

Concen: 41.635 ng

RT: 20.549 min Scan# 2972

Delta R.T. 0.005 min

Lab File: BG064058.D

Acq: 7 Mar 2025 14:18

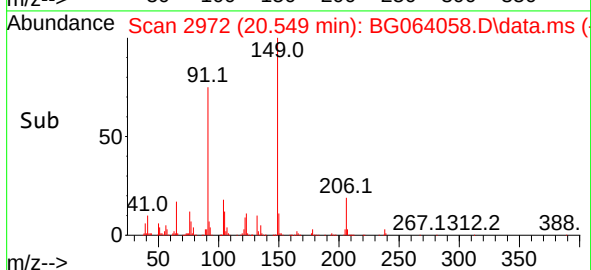
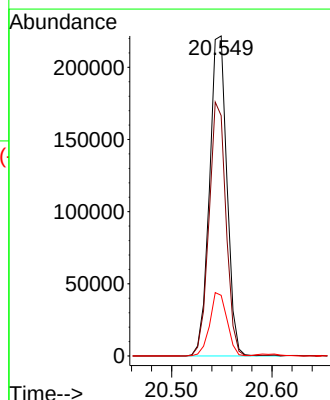
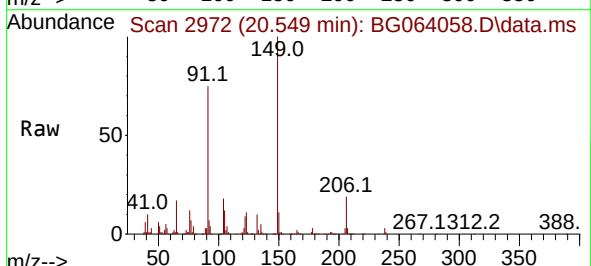
Tgt Ion:149 Resp: 266926

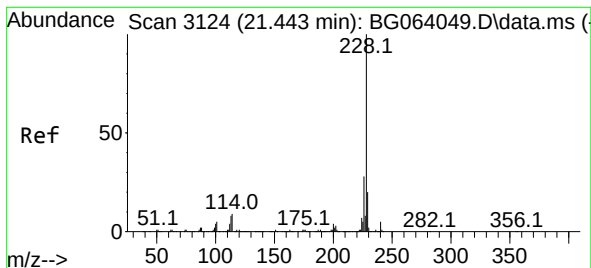
Ion Ratio Lower Upper

149 100

91 75.1 62.0 93.0

206 19.0 14.6 21.8





#81

Benzo(a)anthracene

Concen: 41.670 ng

RT: 21.442 min Scan# 3124

Delta R.T. -0.001 min

Lab File: BG064058.D

Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

PB167031BS

Tgt Ion:228 Resp: 716440

Ion Ratio Lower Upper

228 100

226 26.8 22.2 33.2

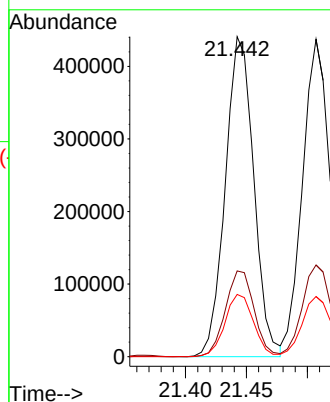
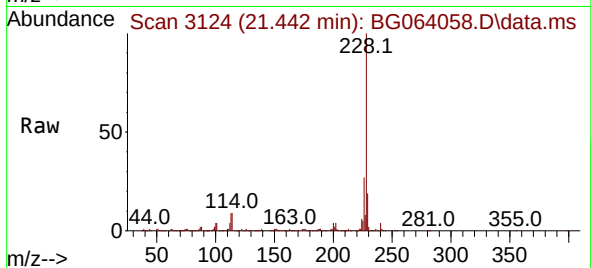
229 19.5 16.4 24.6

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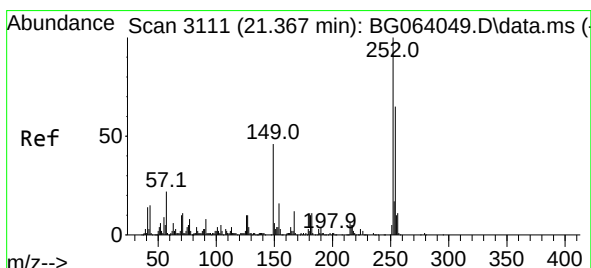
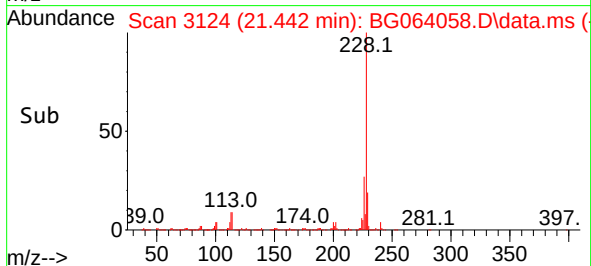
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#82

3,3'-Dichlorobenzidine

Concen: 27.000 ng

RT: 21.366 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BG064058.D

Acq: 7 Mar 2025 14:18

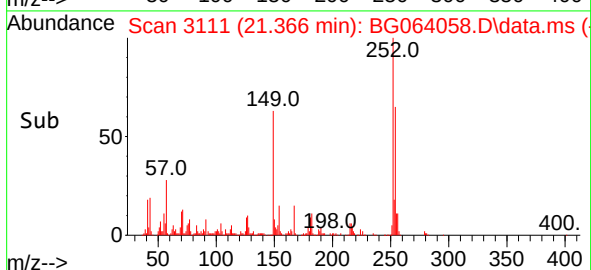
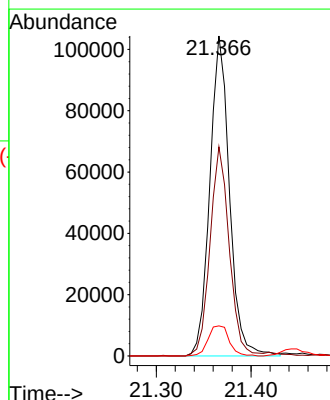
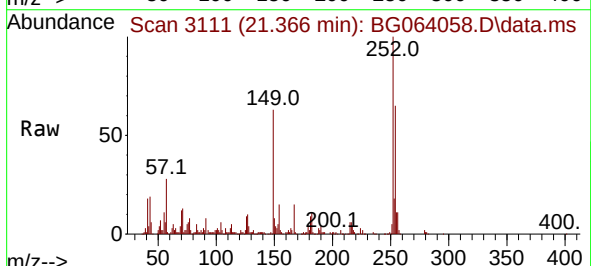
Tgt Ion:252 Resp: 150240

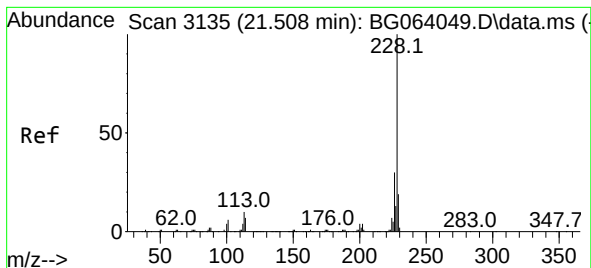
Ion Ratio Lower Upper

252 100

254 65.3 52.1 78.1

126 9.4 7.8 11.8





#83

Chrysene

Concen: 40.336 ng

RT: 21.507 min Scan# 3135

Delta R.T. -0.001 min

Lab File: BG064058.D

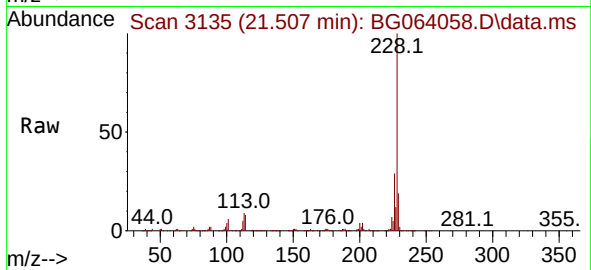
Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

PB167031BS



Tgt Ion:228 Resp: 691699

Ion Ratio Lower Upper

228 100

226 28.9 23.9 35.9

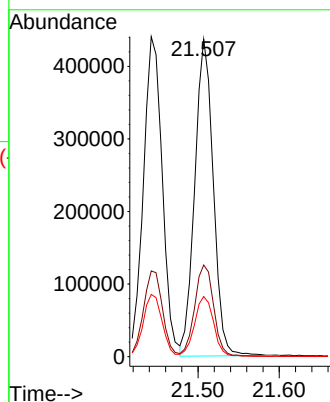
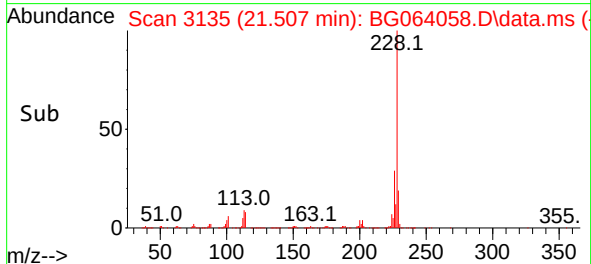
229 18.9 15.3 22.9

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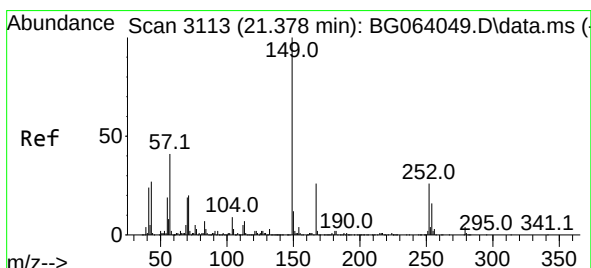
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#84

Bis(2-ethylhexyl)phthalate

Concen: 45.182 ng

RT: 21.384 min Scan# 3114

Delta R.T. 0.005 min

Lab File: BG064058.D

Acq: 7 Mar 2025 14:18

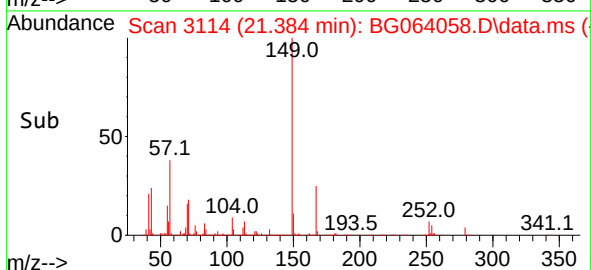
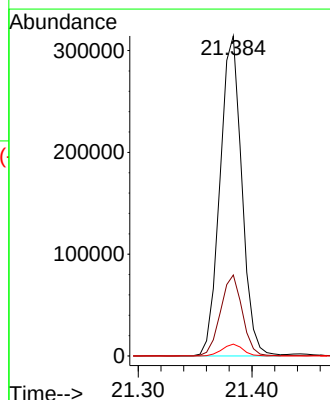
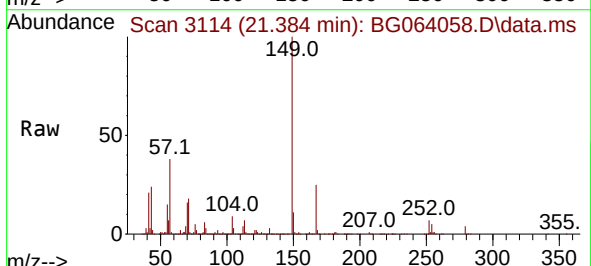
Tgt Ion:149 Resp: 420121

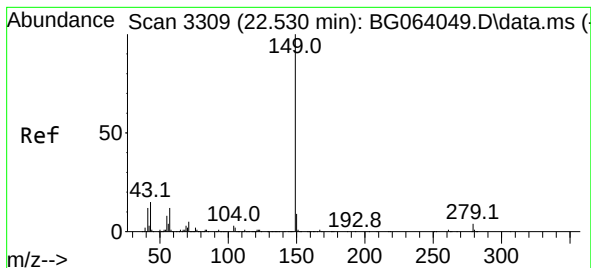
Ion Ratio Lower Upper

149 100

167 25.3 21.0 31.6

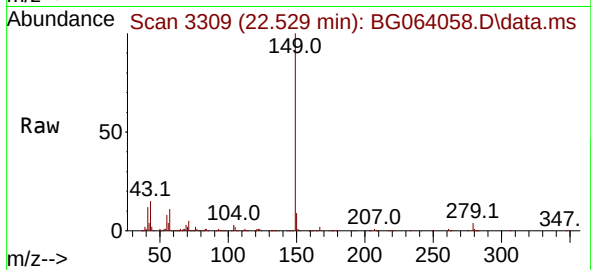
279 3.7 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 43.833 ng
RT: 22.529 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

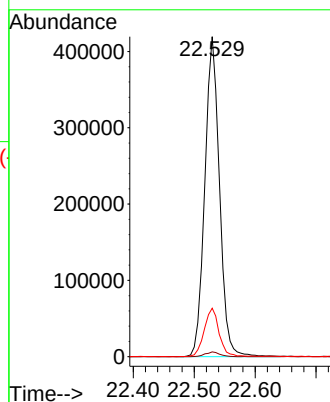
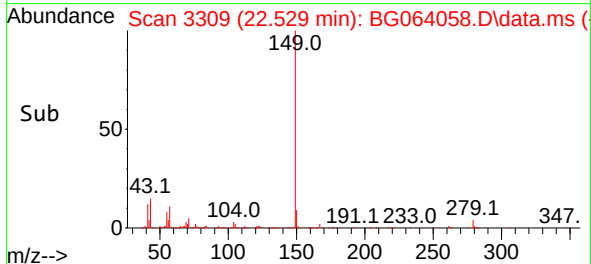
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion:149 Resp: 703025
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 15.5 12.6 19.0

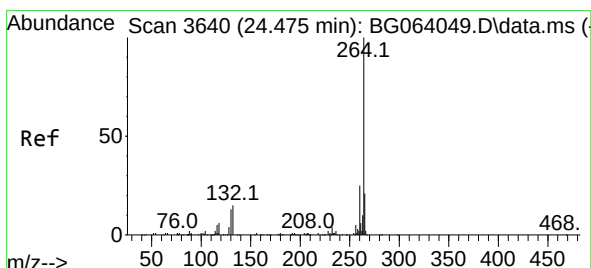
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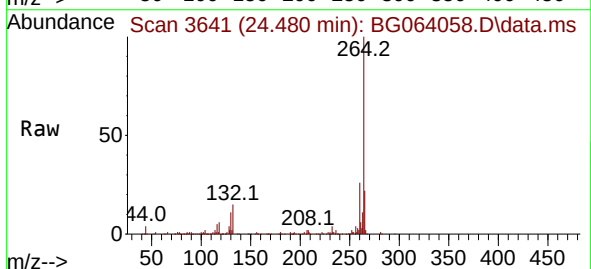


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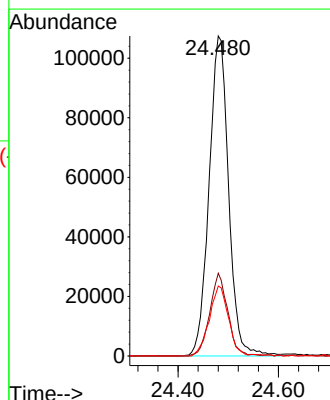
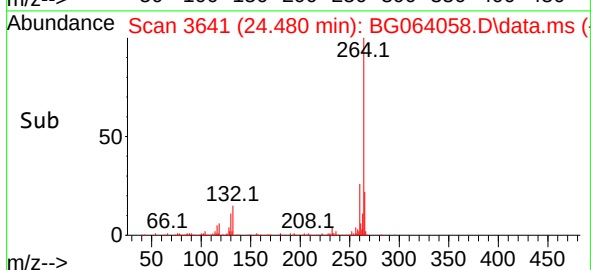
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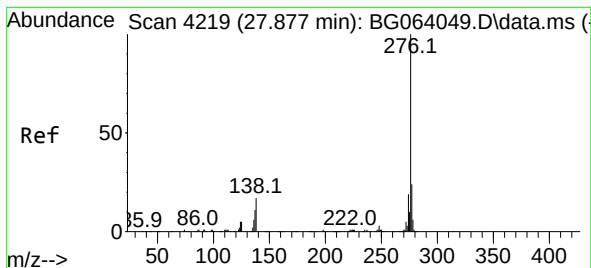


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.480 min Scan# 3641
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



Tgt Ion:264 Resp: 290005
Ion Ratio Lower Upper
264 100
260 25.9 19.6 29.4
265 21.9 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.356 ng

RT: 27.882 min Scan# 41

Delta R.T. 0.005 min

Lab File: BG064058.D

Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

PB167031BS

Tgt Ion:276 Resp: 82186

Ion Ratio Lower Upper

276 100

138 13.8 12.1 18.1

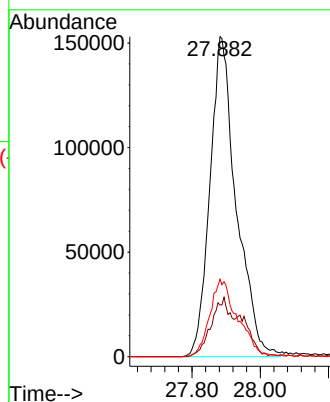
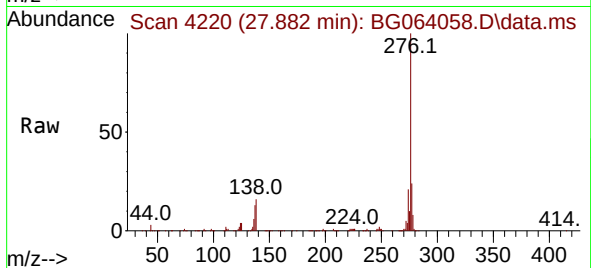
277 25.4 20.0 30.0

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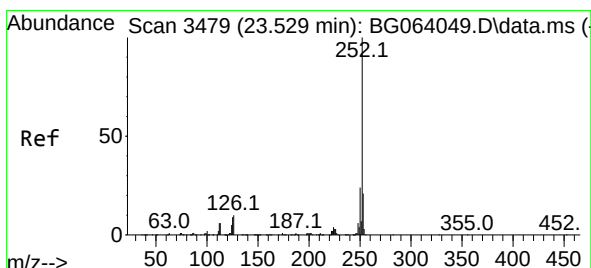
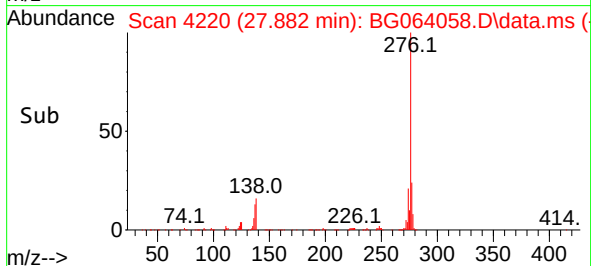
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03/10/2025



#88

Benzo(b)fluoranthene

Concen: 39.889 ng

RT: 23.534 min Scan# 3480

Delta R.T. 0.005 min

Lab File: BG064058.D

Acq: 7 Mar 2025 14:18

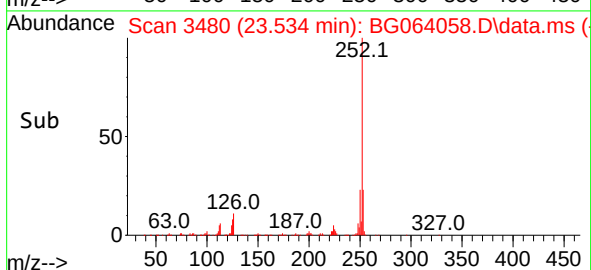
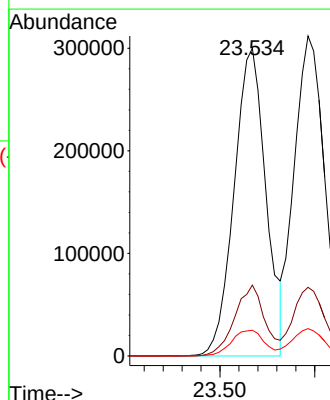
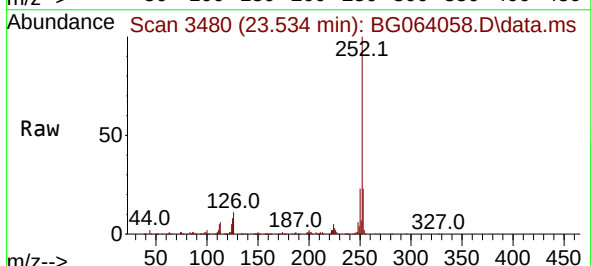
Tgt Ion:252 Resp: 699323

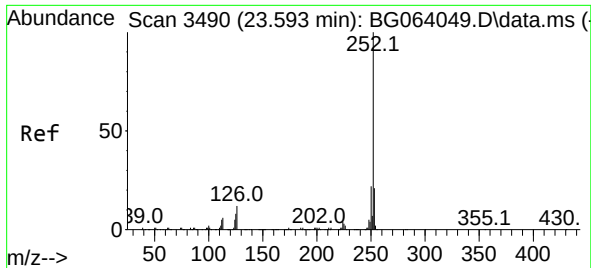
Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.4

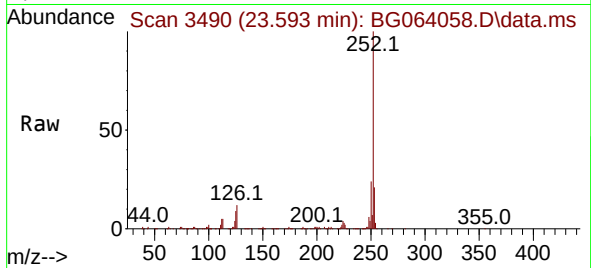
125 8.4 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 39.618 ng
RT: 23.593 min Scan# 3490
Delta R.T. -0.000 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18

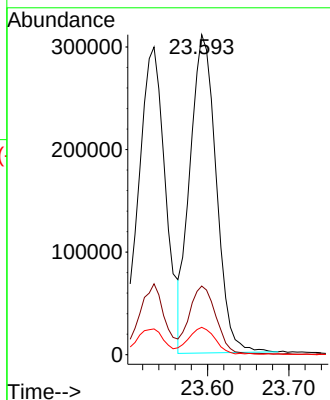
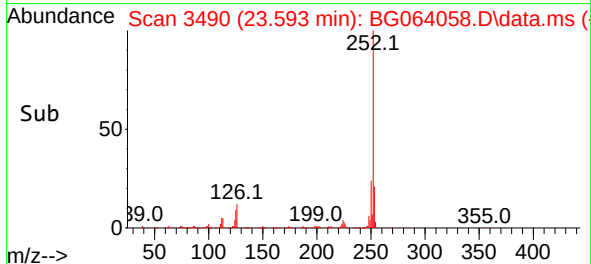
Instrument :
BNA_G
ClientSampleId :
PB167031BS



Tgt Ion:252 Resp: 69680
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 8.6 6.9 10.3

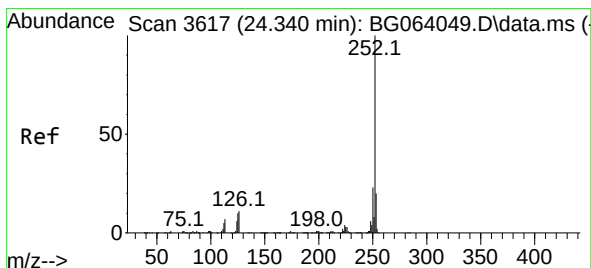
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Supervised By :Jagrut Upadhyay 03/10/2025

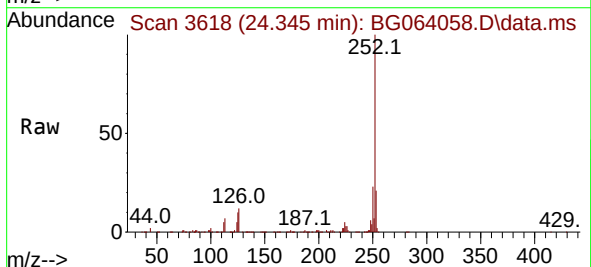


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Upadhyay

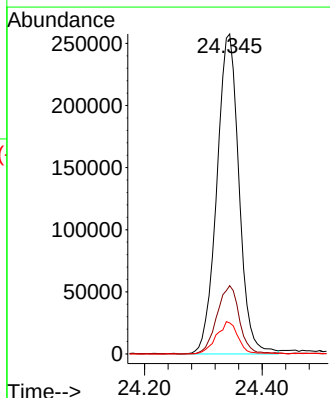
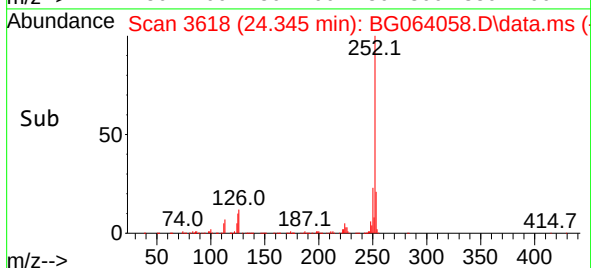
03/10/2025

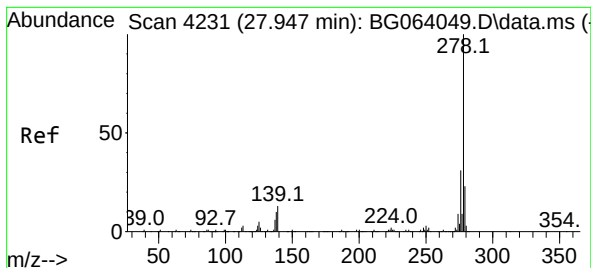


#90
Benzo(a)pyrene
Concen: 43.098 ng
RT: 24.345 min Scan# 3618
Delta R.T. 0.005 min
Lab File: BG064058.D
Acq: 7 Mar 2025 14:18



Tgt Ion:252 Resp: 672920
Ion Ratio Lower Upper
252 100
253 21.4 16.2 24.2
125 9.7 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 42.571 ng

RT: 27.947 min Scan# 41

Delta R.T. -0.000 min

Lab File: BG064058.D

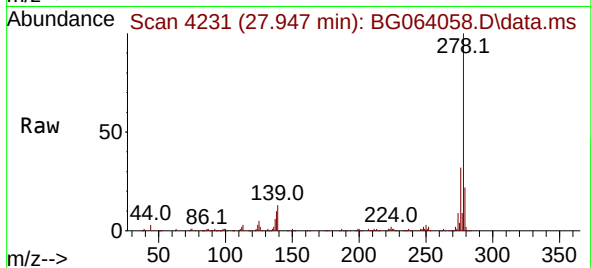
Acq: 7 Mar 2025 14:18

Instrument :

BNA_G

ClientSampleId :

PB167031BS



Tgt Ion:278 Resp: 68481

Ion Ratio Lower Upper

278 100

139 12.6 10.2 15.2

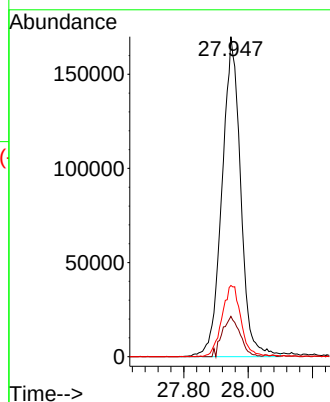
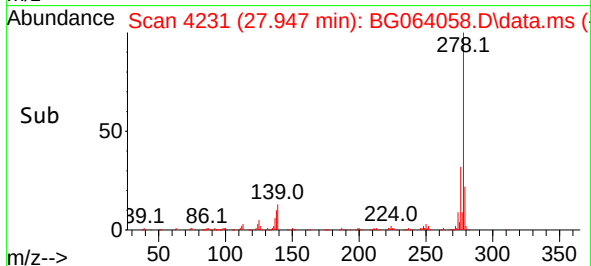
279 22.2 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/10/2025

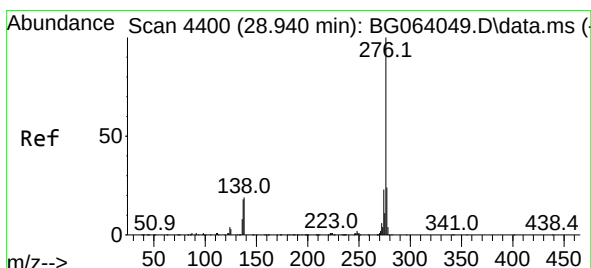
Supervised By :Jagrut Upadhyay 03/10/2025



03/10/2025

Supervised By :Jagrut Upadhyay

03/10/2025



#92

Benzo(g,h,i)perylene

Concen: 38.651 ng

RT: 28.951 min Scan# 4402

Delta R.T. 0.011 min

Lab File: BG064058.D

Acq: 7 Mar 2025 14:18

Tgt Ion:276 Resp: 638368

Ion Ratio Lower Upper

276 100

277 25.4 19.5 29.3

138 17.2 15.4 23.0

