

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056253.D
 Acq On : 11 Jan 2023 16:40
 Operator : CG/JU
 Sample : 01064-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4-03MS

Quant Time: Jan 12 04:21:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/12/2023
 Supervised By : Jagrut Upadhyay 01/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							01/12/2023 Supervised By : Jagrut Upadhyay
1) 1,4-Dichlorobenzene-d4	8.318	152	43850	20.000	ng	0.00	
21) Naphthalene-d8	11.150	136	156975	20.000	ng	# 0.00	
39) Acenaphthene-d10	14.928	164	124758	20.000	ng	0.00	
64) Phenanthrene-d10	17.666	188	338358	20.000	ng	0.00	
76) Chrysene-d12	21.961	240	335768	20.000	ng	0.00	
86) Perylene-d12	25.398	264	373661	20.000	ng	0.00	01/12/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.833	112	358181	145.845	ng	0.00	
7) Phenol-d6	7.454	99	501452	132.956	ng	0.00	
23) Nitrobenzene-d5	9.493	82	259394	84.526	ng	0.00	
42) 2,4,6-Tribromophenol	16.409	330	226977	143.653	ng	0.00	
45) 2-Fluorobiphenyl	13.559	172	765639	84.746	ng	0.00	
79) Terphenyl-d14	20.239	244	1638771	87.415	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.647	88	50557	45.070	ng	#	93
3) Pyridine	4.064	79	134624	39.403	ng		94
4) n-Nitrosodimethylamine	3.970	42	32043	46.105	ng		99
6) Aniline	7.631	93	84602	17.105	ng		99
8) 2-Chlorophenol	7.877	128	129209	52.871	ng		98
9) Benzaldehyde	7.437	77	65753	29.321	ng		95
10) Phenol	7.478	94	193129	50.493	ng		99
11) bis(2-Chloroethyl)ether	7.719	93	119925	46.267	ng		97
12) 1,3-Dichlorobenzene	8.206	146	150879	50.727	ng		96
13) 1,4-Dichlorobenzene	8.353	146	149223	49.961	ng		98
14) 1,2-Dichlorobenzene	8.676	146	143408	49.761	ng		98
15) Benzyl Alcohol	8.547	79	123301	44.920	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.829	45	23396	51.078	ng		92
17) 2-Methylphenol	8.747	107	129518	46.148	ng		98
18) Hexachloroethane	9.417	117	45024	49.621	ng		94
19) n-Nitroso-di-n-propyla...	9.117	70	92642	40.394	ng		99
20) 3+4-Methylphenols	9.076	107	176115	44.632	ng		98
22) Acetophenone	9.141	105	204185	46.003	ng	#	99
24) Nitrobenzene	9.534	77	142003	46.693	ng		99
25) Isophorone	10.051	82	276589	42.836	ng		97
26) 2-Nitrophenol	10.251	139	77862	50.039	ng		97
27) 2,4-Dimethylphenol	10.292	122	140130	49.375	ng		99
28) bis(2-Chloroethoxy)met...	10.527	93	159380	47.492	ng		99
29) 2,4-Dichlorophenol	10.786	162	162571	51.813	ng		99
30) 1,2,4-Trichlorobenzene	11.003	180	175338	49.243	ng		96
31) Naphthalene	11.197	128	386017	46.726	ng		98
32) Benzoic acid	10.416	122	86684	41.165	ng		94
33) 4-Chloroaniline	11.297	127	40117	10.171	ng		93
34) Hexachlorobutadiene	11.473	225	123410	48.190	ng		96
35) Caprolactam	12.067	113	48660m	45.806	ng		
36) 4-Chloro-3-methylphenol	12.390	107	154012	48.373	ng		95
37) 2-Methylnaphthalene	12.783	142	302075	43.305	ng		100
38) 1-Methylnaphthalene	12.995	142	278441	42.985	ng		96
40) 1,2,4,5-Tetrachloroben...	13.142	216	233712	49.982	ng		99
41) Hexachlorocyclopentadiene	13.118	237	296911	111.376	ng		96
43) 2,4,6-Trichlorophenol	13.371	196	158751	51.344	ng		99

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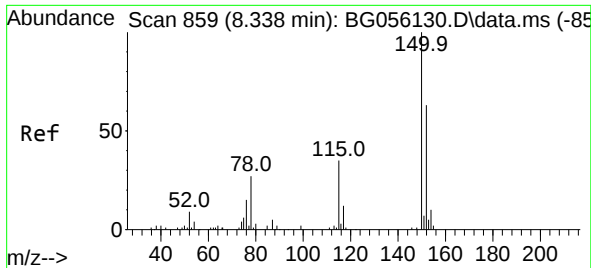
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44) 2,4,5-Trichlorophenol	13.441	196	178308	48.751	ng	97	01/12/2023
46) 1,1'-Biphenyl	13.770	154	443869	49.679	ng	99	Supervised By : Jagrut Upadhyay
47) 2-Chloronaphthalene	13.817	162	355055	50.346	ng	97	
48) 2-Nitroaniline	14.011	65	74982	49.902	ng	98	
49) Acenaphthylene	14.658	152	551452	48.051	ng	99	
50) Dimethylphthalate	14.370	163	463497	46.022	ng	97	
51) 2,6-Dinitrotoluene	14.493	165	105468	49.146	ng	96	01/12/2023
52) Acenaphthene	14.993	154	405368	54.309	ng	99	
53) 3-Nitroaniline	14.822	138	33737	16.519	ng	# 94	
54) 2,4-Dinitrophenol	15.028	184	143802	93.800	ng	95	
55) Dibenzofuran	15.327	168	587651	47.576	ng	98	
56) 4-Nitrophenol	15.116	139	160100	101.925	ng	95	
57) 2,4-Dinitrotoluene	15.275	165	146827	48.923	ng	97	
58) Fluorene	15.968	166	470601	47.369	ng	99	
59) 2,3,4,6-Tetrachlorophenol	15.545	232	174963	50.947	ng	97	
60) Diethylphthalate	15.721	149	436029	46.166	ng	98	
61) 4-Chlorophenyl-phenyle...	15.950	204	292516	47.181	ng	98	
62) 4-Nitroaniline	15.980	138	96498	46.125	ng	95	
63) Azobenzene	16.244	77	362278	49.706	ng	97	
65) 4,6-Dinitro-2-methylph...	16.038	198	105772	46.398	ng	94	
66) n-Nitrosodiphenylamine	16.162	169	440006	46.870	ng	95	
67) 4-Bromophenyl-phenylether	16.843	248	199909	46.397	ng	95	
68) Hexachlorobenzene	16.973	284	201772	50.194	ng	98	
69) Atrazine	17.096	200	194558	50.006	ng	97	
70) Pentachlorophenol	17.307	266	269424	87.250	ng	97	
71) Phenanthrene	17.707	178	837434	47.758	ng	99	
72) Anthracene	17.801	178	855415	47.291	ng	99	
73) Carbazole	18.060	167	751286	49.412	ng	99	
74) Di-n-butylphthalate	18.594	149	756090	49.885	ng	100	
75) Fluoranthene	19.699	202	1094655	47.859	ng	100	
77) Benzidine	19.863	184	207996	17.677	ng	99	
78) Pyrene	20.057	202	1105457	46.710	ng	99	
80) Butylbenzylphthalate	20.921	149	328755	48.420	ng	97	
81) Benzo(a)anthracene	21.937	228	1118702	47.436	ng	99	
82) 3,3'-Dichlorobenzidine	21.837	252	165038	19.440	ng	96	
83) Chrysene	22.008	228	1038855	47.027	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.808	149	476563	48.719	ng	99	
85) Di-n-octyl phthalate	23.089	149	812108	49.178	ng	100	
87) Indeno(1,2,3-cd)pyrene	29.358	276	1362188	50.126	ng	# 99	
88) Benzo(b)fluoranthene	24.305	252	1211278	51.020	ng	99	
89) Benzo(k)fluoranthene	24.376	252	1144457	48.409	ng	100	
90) Benzo(a)pyrene	25.239	252	1049955	45.343	ng	# 99	
91) Dibenzo(a,h)anthracene	29.429	278	1135880	49.855	ng	99	
92) Benzo(g,h,i)perylene	30.615	276	1111379	50.302	ng	98	

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

Manual Integrations

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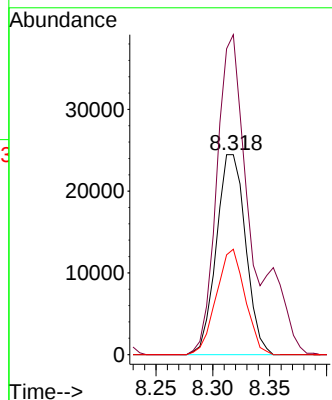
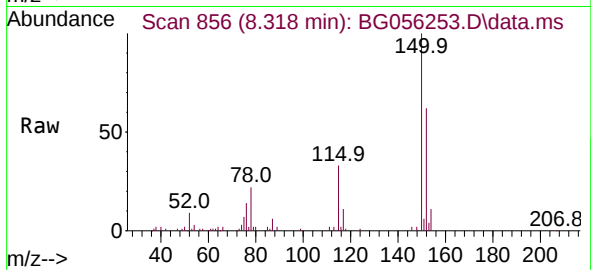
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 85
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Instrument :
BNA_G
ClientSampleId :
S4-03MS

Tgt Ion:152 Resp: 43850
Ion Ratio Lower Upper
152 100
150 160.0 127.9 191.9
115 52.7 44.2 66.2

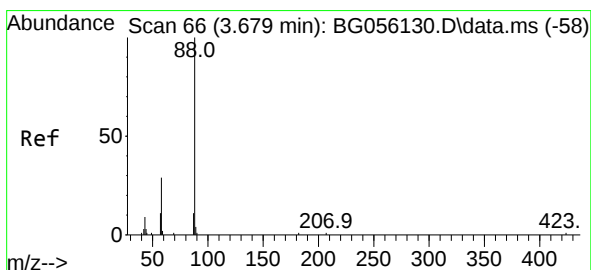
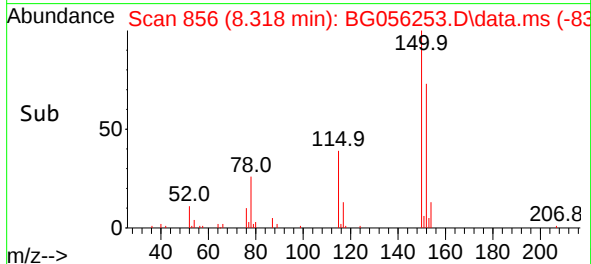
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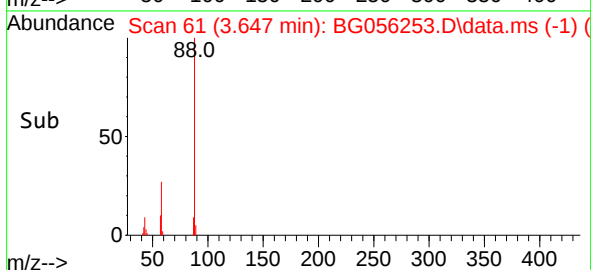
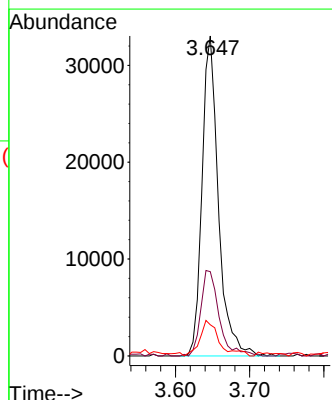
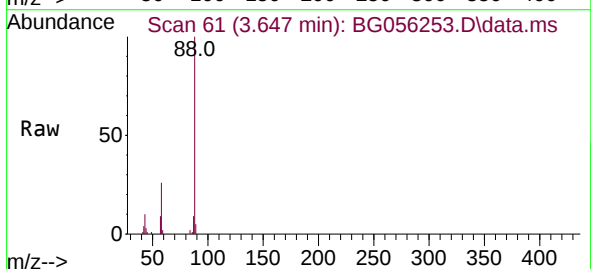
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#2
1,4-Dioxane
Concen: 45.070 ng
RT: 3.647 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

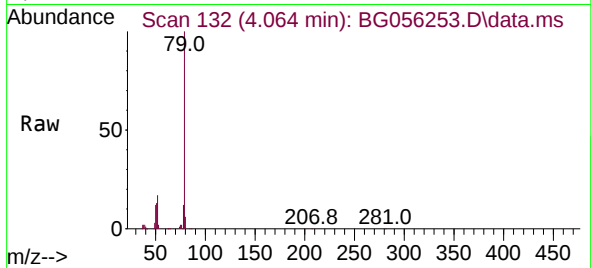
Tgt Ion: 88 Resp: 50557
Ion Ratio Lower Upper
88 100
58 29.9 21.4 32.0
43 12.9 7.1 10.7#





#3
Pyridine
Concen: 39.403 ng
RT: 4.064 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

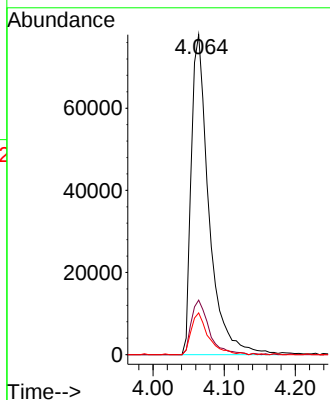
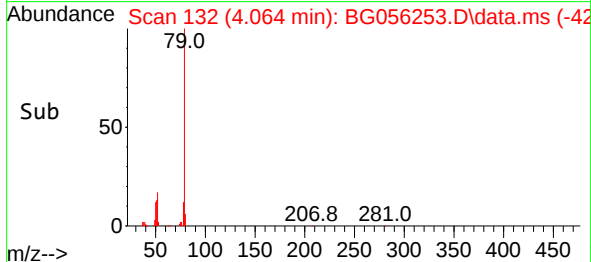
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion: 79 Resp: 134624
Ion Ratio Lower Upper
79 100
52 17.0 11.8 17.6
51 13.0 8.8 13.2

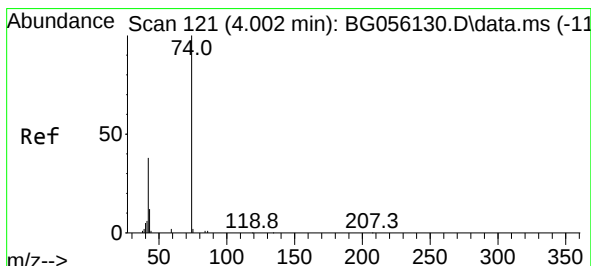
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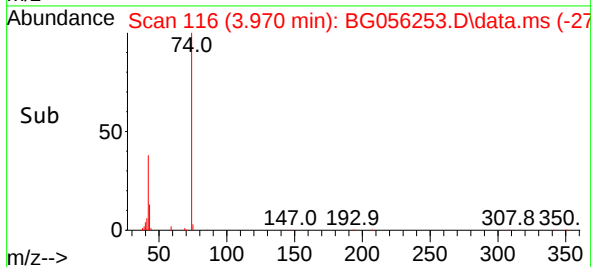
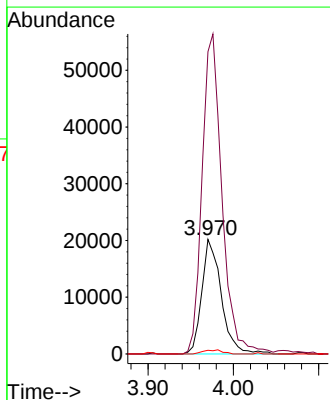
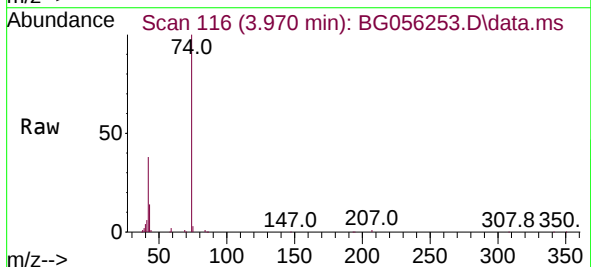
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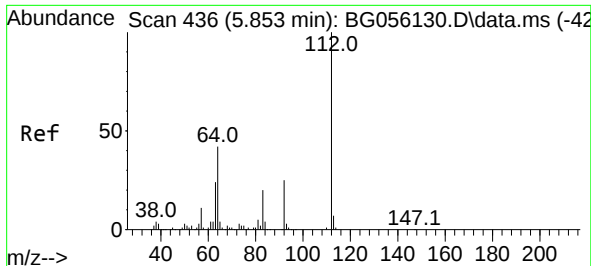
01/12/2023



#4
n-Nitrosodimethylamine
Concen: 46.105 ng
RT: 3.970 min Scan# 116
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion: 42 Resp: 32043
Ion Ratio Lower Upper
42 100
74 263.8 212.6 319.0
44 3.1 2.6 3.8





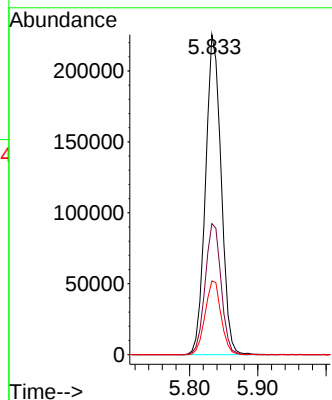
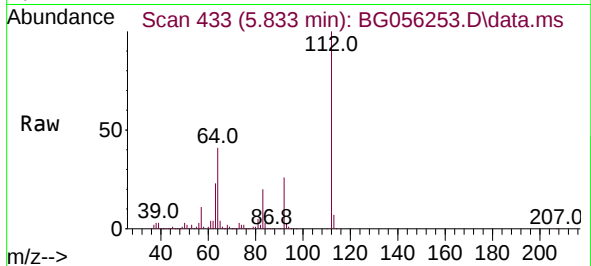
#5
2-Fluorophenol
Concen: 145.845 ng
RT: 5.833 min Scan# 436
Delta R.T. 0.007 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Instrument :
BNA_G
ClientSampleId :
S4-03MS

Tgt Ion:112 Resp: 35818
Ion Ratio Lower Upper
112 100
64 40.9 33.3 49.9
63 23.0 19.0 28.4

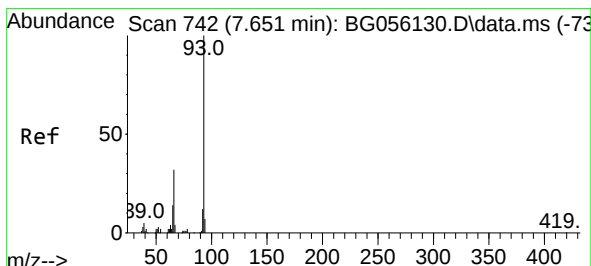
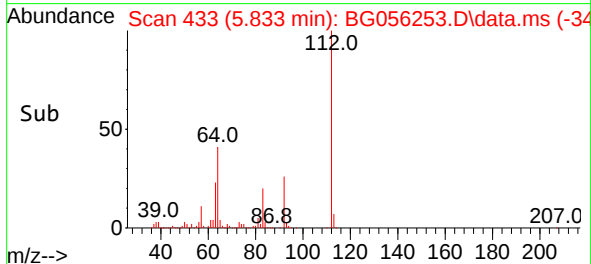
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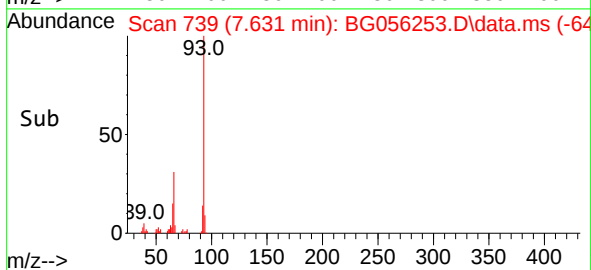
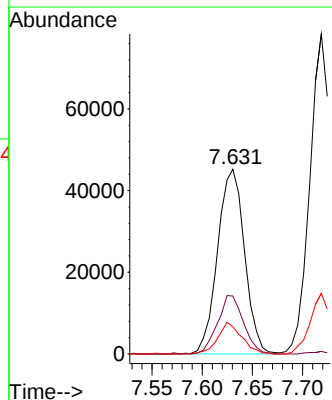
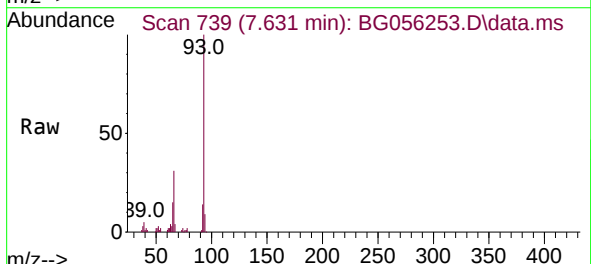
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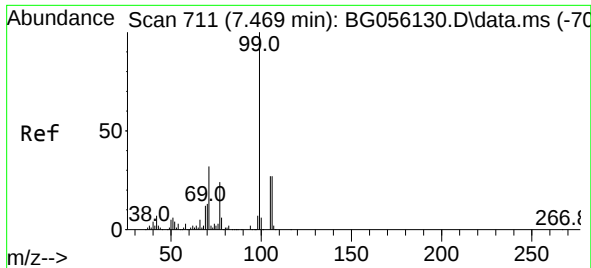
01/12/2023



#6
Aniline
Concen: 17.105 ng
RT: 7.631 min Scan# 739
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion: 93 Resp: 84602
Ion Ratio Lower Upper
93 100
66 31.3 25.4 38.2
65 14.7 11.4 17.2





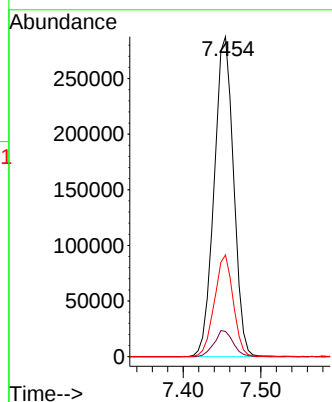
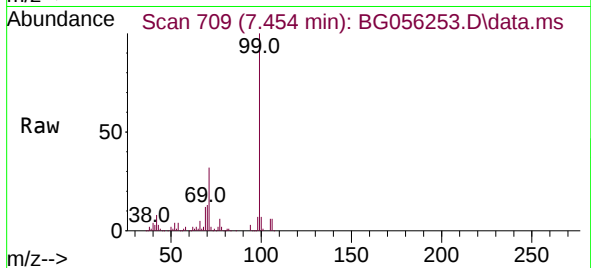
#7
Phenol-d6
Concen: 132.956 ng
RT: 7.454 min Scan# 709
Delta R.T. 0.007 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 501452
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 31.8 25.4 38.2

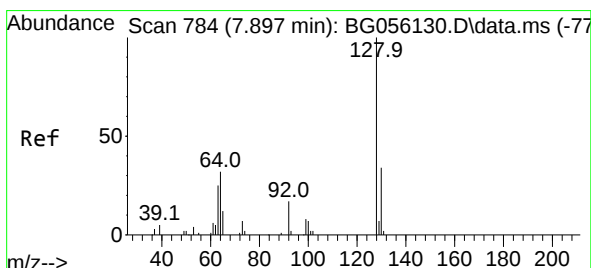
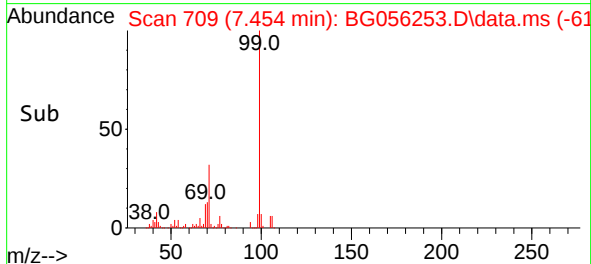
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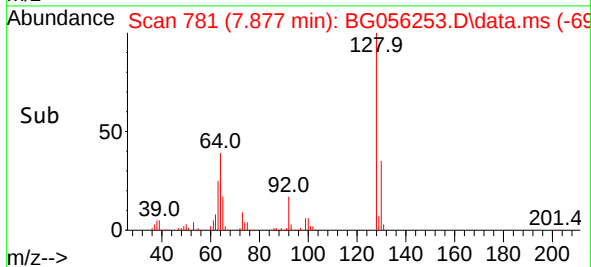
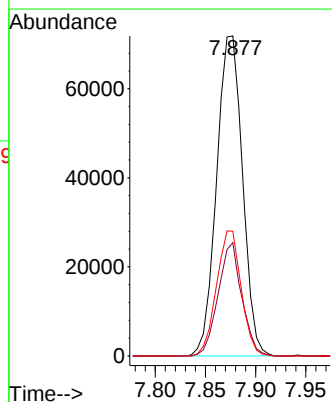
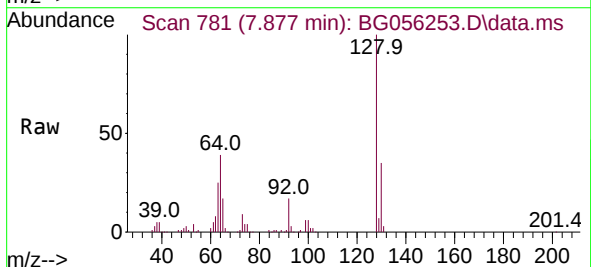
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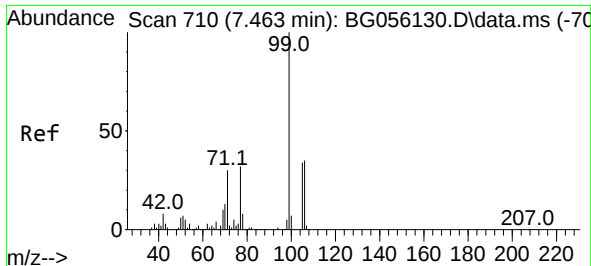
01/12/2023



#8
2-Chlorophenol
Concen: 52.871 ng
RT: 7.877 min Scan# 781
Delta R.T. 0.007 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

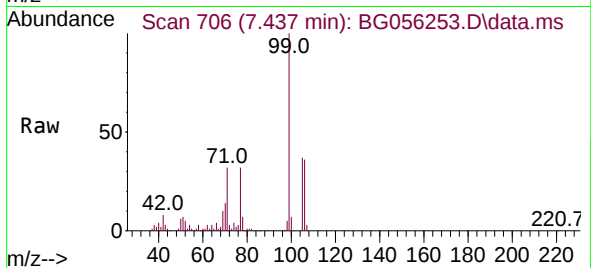
Tgt Ion:128 Resp: 129209
Ion Ratio Lower Upper
128 100
130 35.4 13.5 53.5
64 38.9 18.0 58.0





#9
Benzaldehyde
Concen: 29.321 ng
RT: 7.437 min Scan# 706
Delta R.T. -0.005 min
Lab File: BG056253.D
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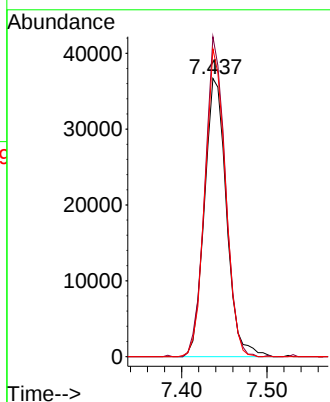
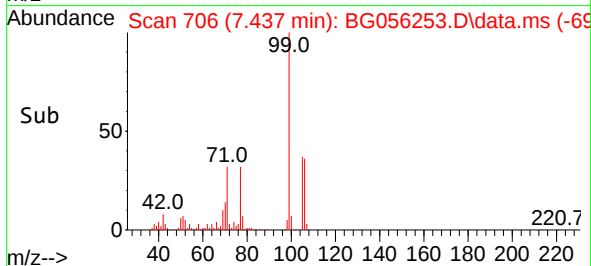
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Tgt Ion: 77 Resp: 65753
Ion Ratio Lower Upper
77 100
105 115.0 86.8 126.8
106 110.6 89.3 129.3

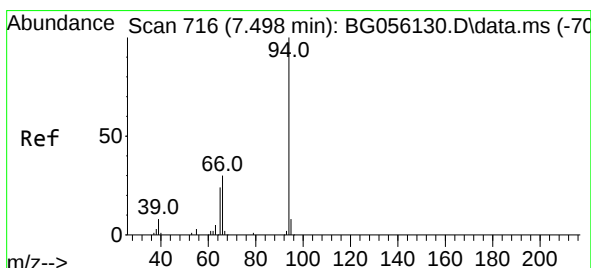
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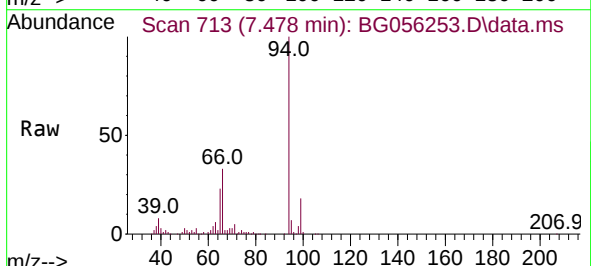


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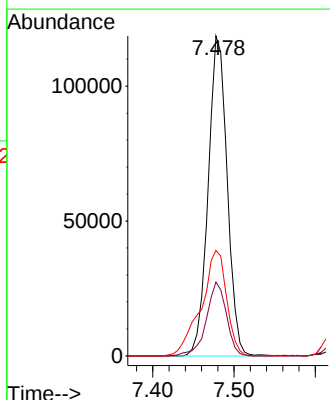
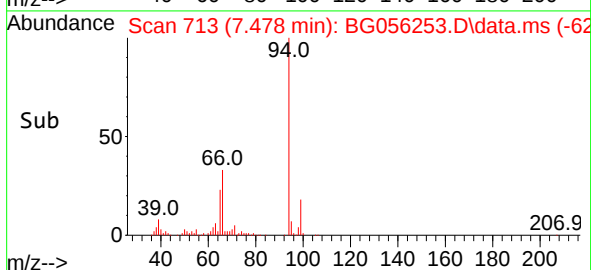
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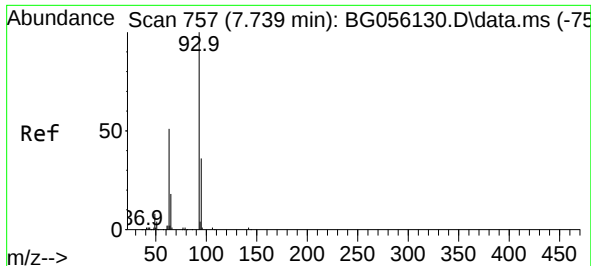


#10
Phenol
Concen: 50.493 ng
RT: 7.478 min Scan# 713
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40



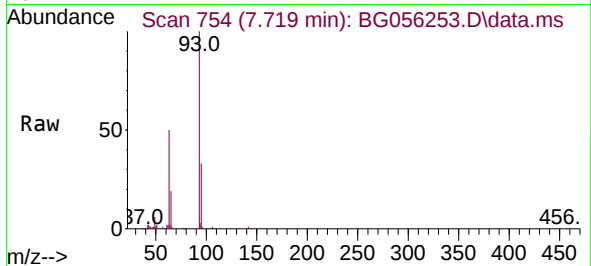
Tgt Ion: 94 Resp: 193129
Ion Ratio Lower Upper
94 100
65 23.1 4.3 44.3
66 32.9 13.2 53.2





#11
bis(2-Chloroethyl)ether
Concen: 46.267 ng
RT: 7.719 min Scan# 719
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

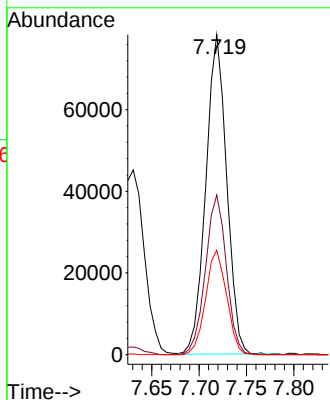
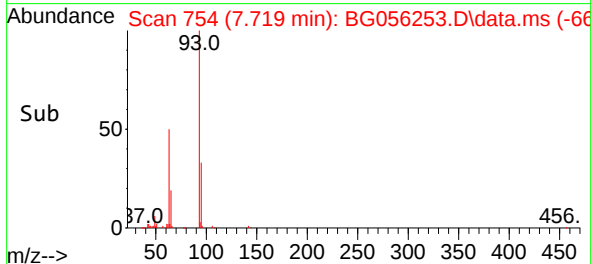
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion: 93 Resp: 119925
Ion Ratio Lower Upper
93 100
63 49.9 30.5 70.5
95 32.6 15.9 55.9

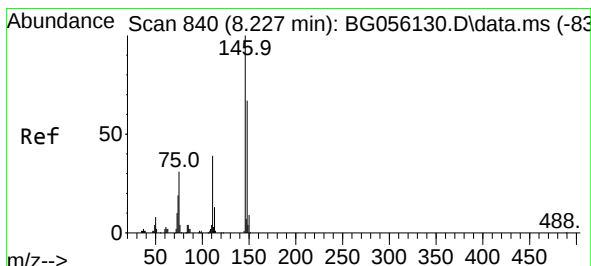
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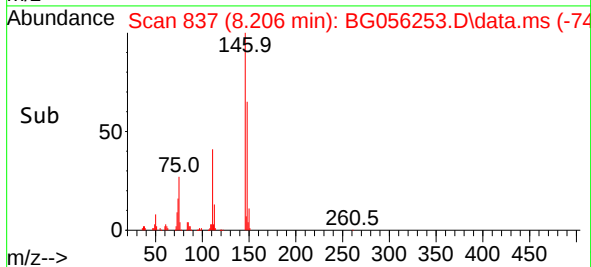
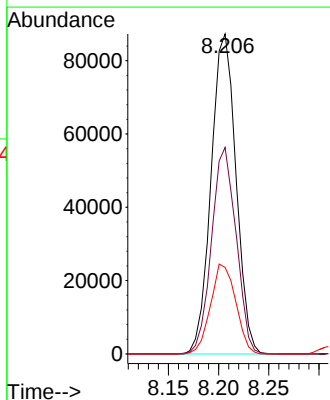
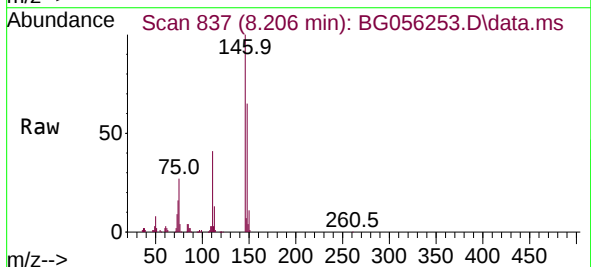
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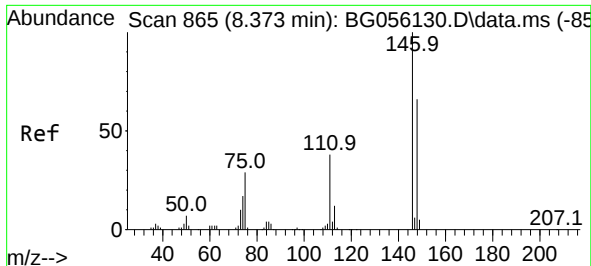
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#12
1,3-Dichlorobenzene
Concen: 50.727 ng
RT: 8.206 min Scan# 837
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

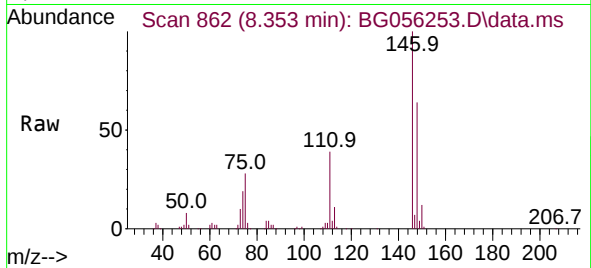
Tgt Ion:146 Resp: 150879
Ion Ratio Lower Upper
146 100
148 64.5 53.5 80.3
75 27.0 24.8 37.2





#13
1,4-Dichlorobenzene
Concen: 49.961 ng
RT: 8.353 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

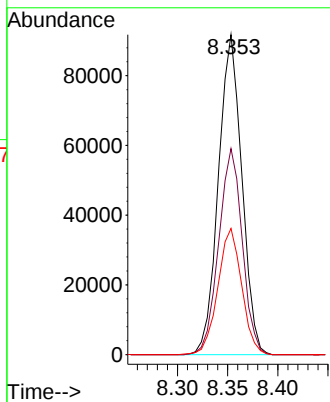
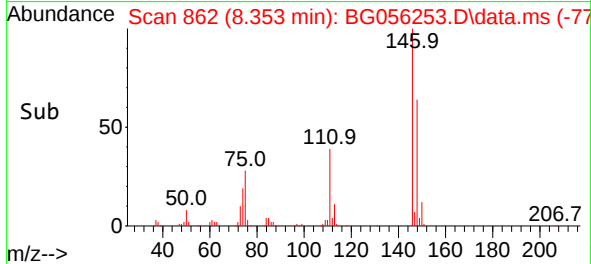
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:146 Resp: 149223
Ion Ratio Lower Upper
146 100
148 64.4 52.8 79.2
111 39.4 30.5 45.7

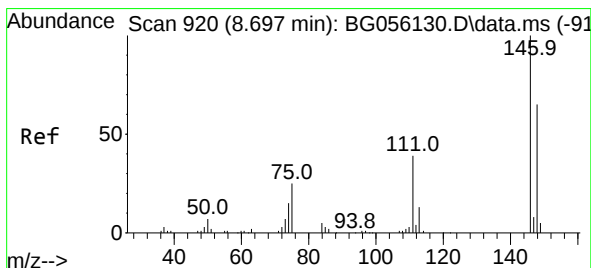
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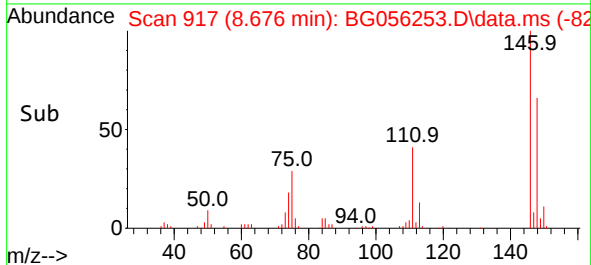
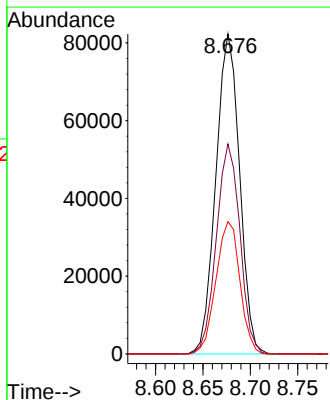
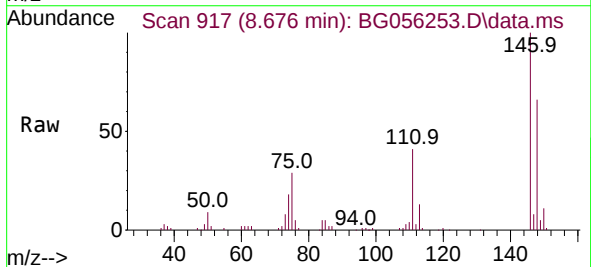
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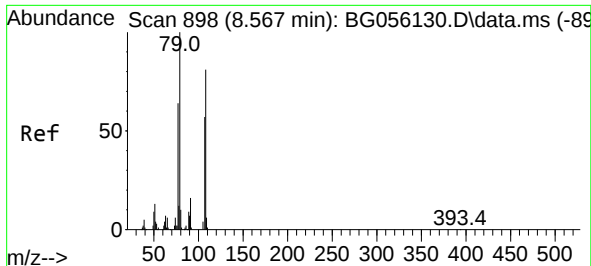
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#14
1,2-Dichlorobenzene
Concen: 49.761 ng
RT: 8.676 min Scan# 917
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

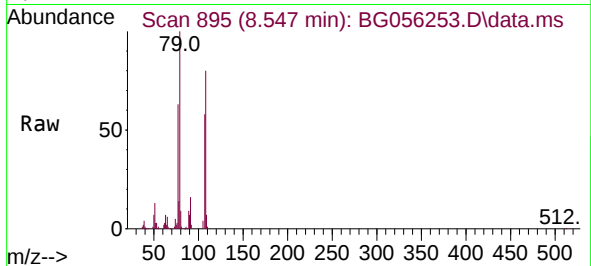
Tgt Ion:146 Resp: 143408
Ion Ratio Lower Upper
146 100
148 65.6 51.7 77.5
111 41.3 31.5 47.3





#15
Benzyl Alcohol
Concen: 44.920 ng
RT: 8.547 min Scan# 898
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

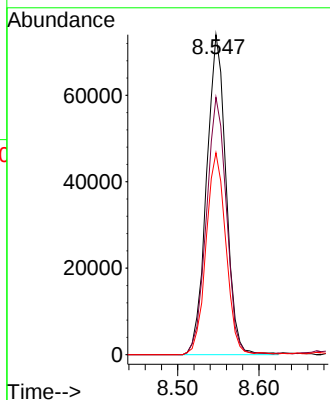
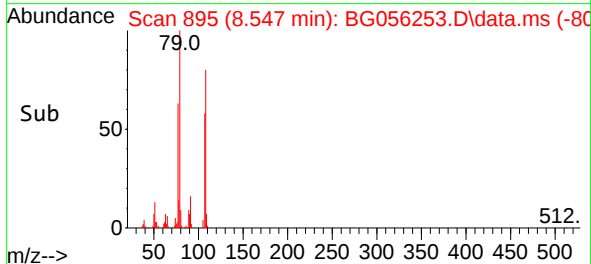
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion: 79 Resp: 123301
Ion Ratio Lower Upper
79 100
108 80.4 64.7 97.1
77 63.1 51.5 77.3

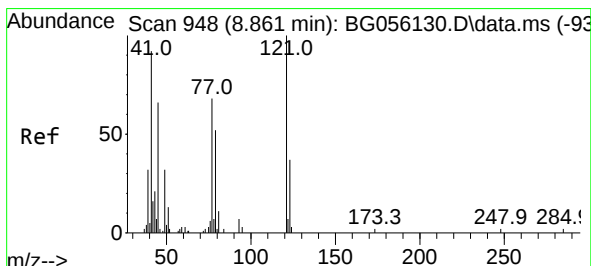
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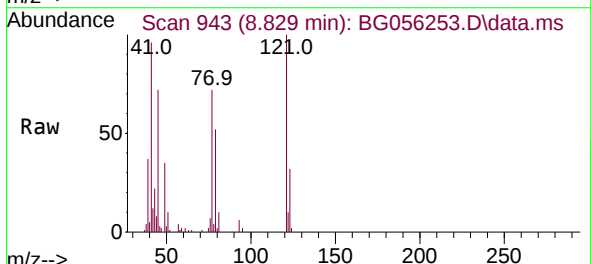


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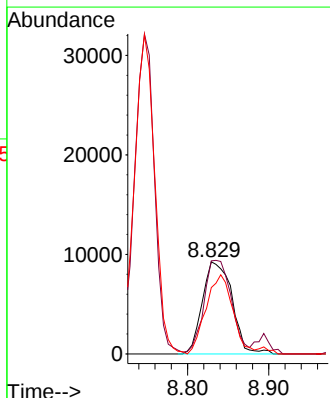
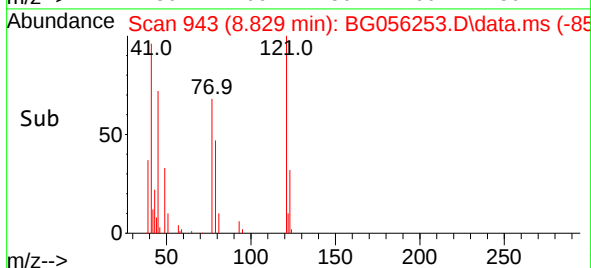
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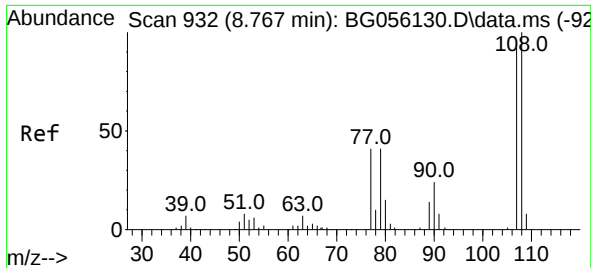


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.078 ng
RT: 8.829 min Scan# 943
Delta R.T. -0.010 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40



Tgt Ion: 45 Resp: 23396
Ion Ratio Lower Upper
45 100
77 101.0 88.2 128.2
79 72.0 61.2 101.2





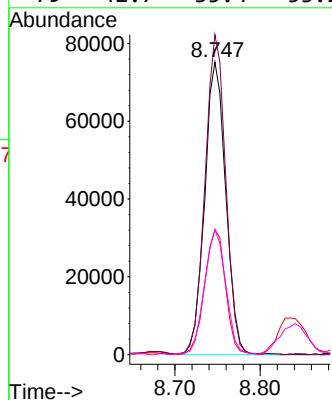
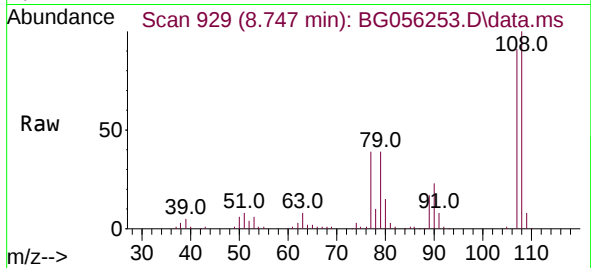
#17
2-Methylphenol
Concen: 46.148 ng
RT: 8.747 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Instrument :
BNA_G
ClientSampleId :
S4-03MS

Tgt Ion:	107	Resp:	129518
Ion Ratio	Lower	Upper	
107	100		
108	109.4	86.6	129.8
77	42.8	35.4	53.2
79	42.7	35.4	53.2

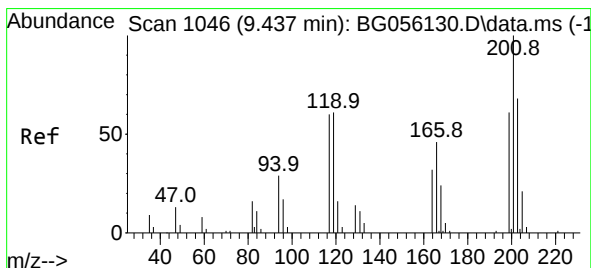
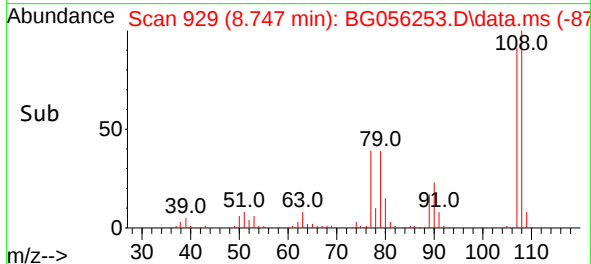
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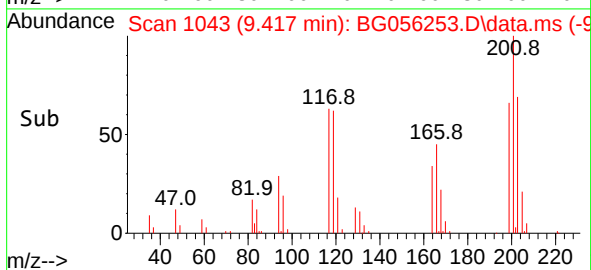
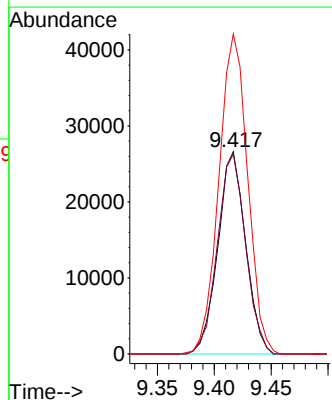
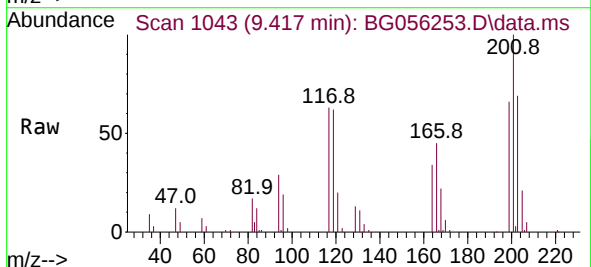
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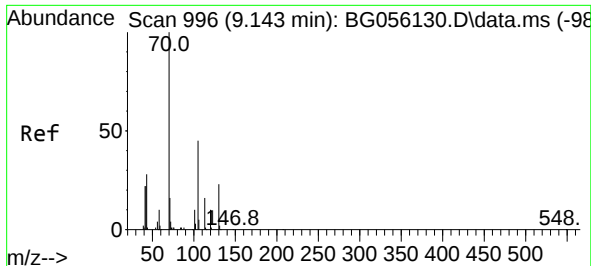
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#18
Hexachloroethane
Concen: 49.621 ng
RT: 9.417 min Scan# 1043
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

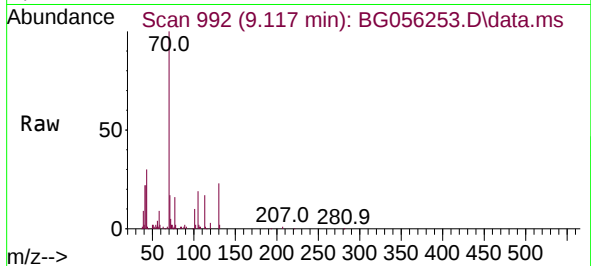
Tgt Ion:	117	Resp:	45024
Ion Ratio	Lower	Upper	
117	100		
119	98.9	81.8	122.6
201	158.3	134.2	201.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.394 ng
RT: 9.117 min Scan# 996
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

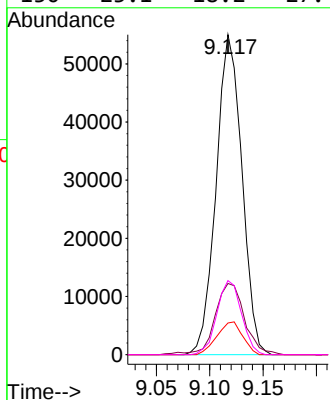
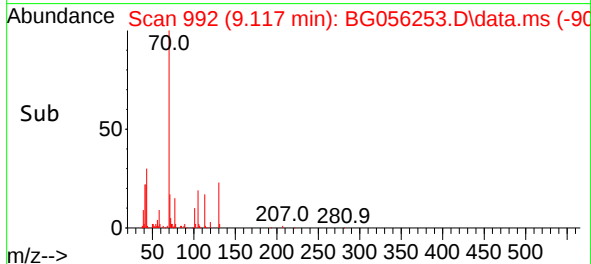
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion: 70 Resp: 92642
Ion Ratio Lower Upper
70 100
42 22.2 18.2 27.2
101 9.9 8.3 12.5
130 23.1 18.2 27.4

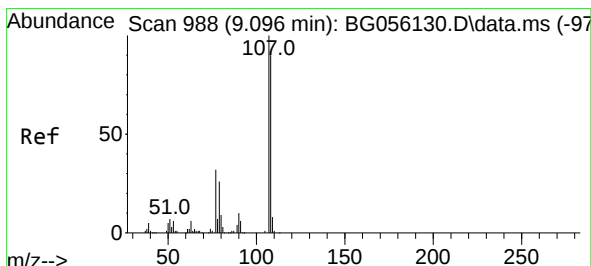
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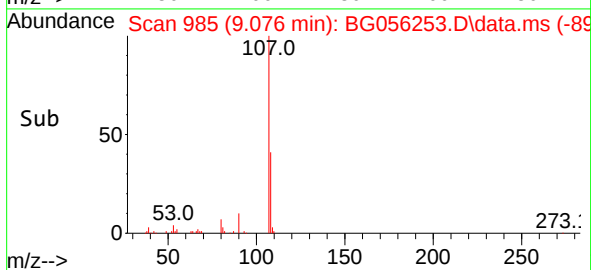
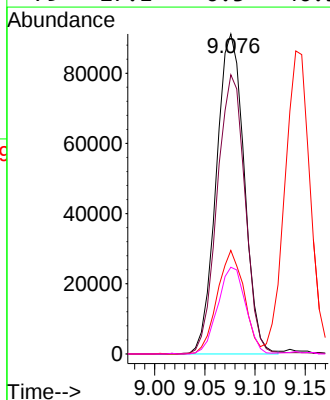
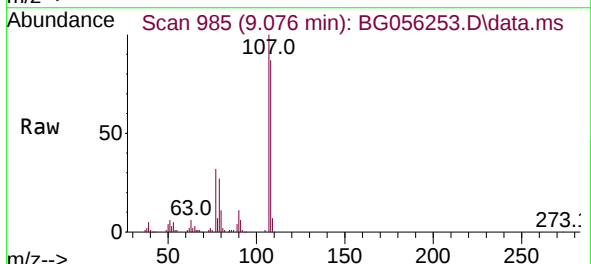
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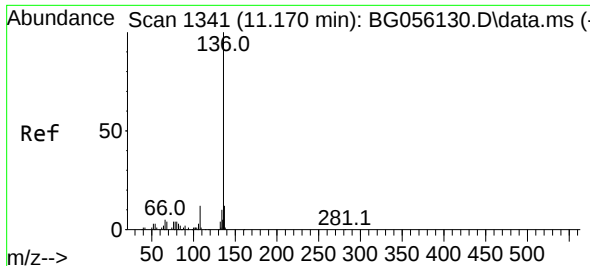
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#20
3+4-Methylphenols
Concen: 44.632 ng
RT: 9.076 min Scan# 985
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:107 Resp: 176115
Ion Ratio Lower Upper
107 100
108 87.3 69.6 109.6
77 32.3 11.7 51.7
79 27.1 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Instrument :

BNA_G

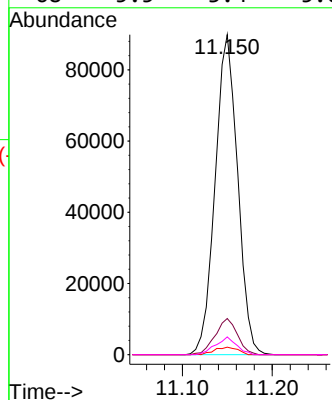
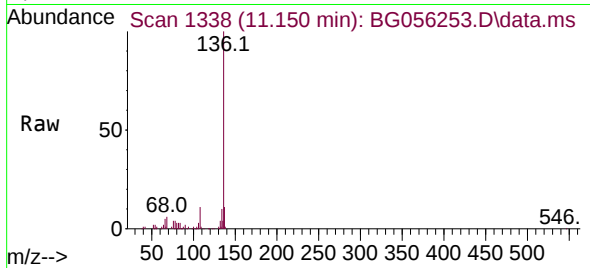
ClientSampleId :

S4-03MS

Tgt Ion:136 Resp: 156975
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 2.3 2.2 3.2
68 5.5 3.4 5.0#

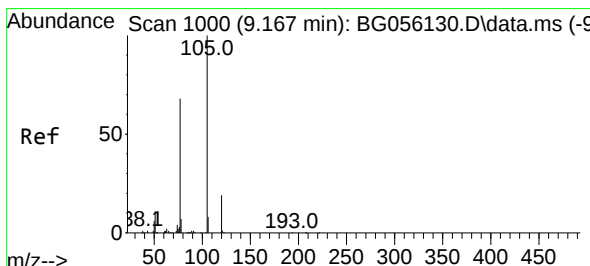
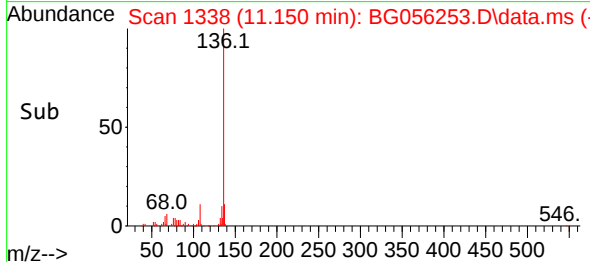
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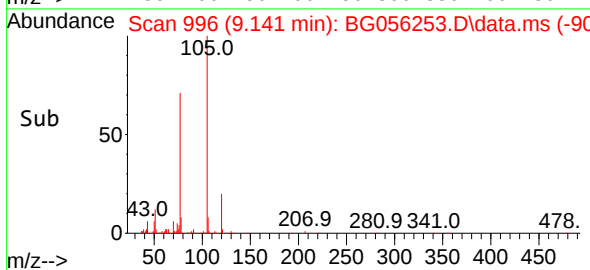
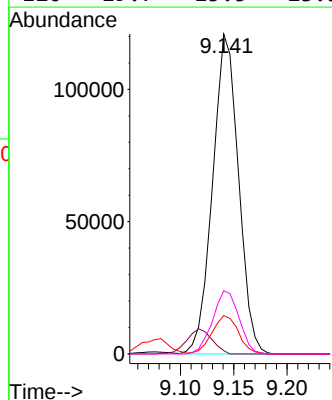
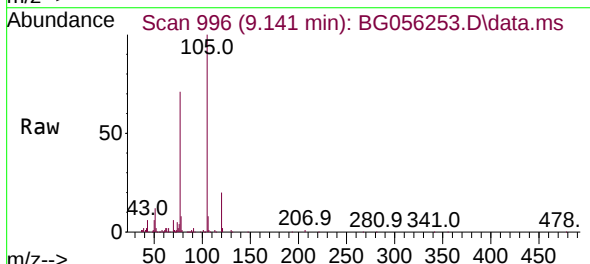
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#22
Acetophenone
Concen: 46.003 ng
RT: 9.141 min Scan# 996
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

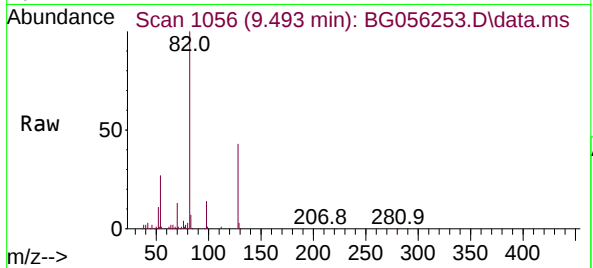
Tgt Ion:105 Resp: 204185
Ion Ratio Lower Upper
105 100
71 1.0 0.5 0.7#
51 12.0 9.3 13.9
120 19.7 15.5 23.3





#23
Nitrobenzene-d5
Concen: 84.526 ng
RT: 9.493 min Scan# 1056
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

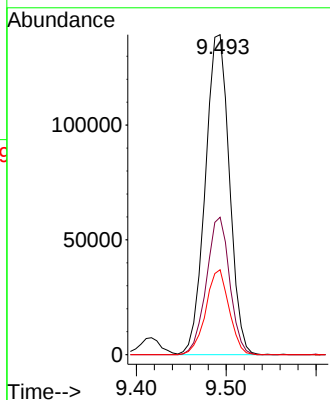
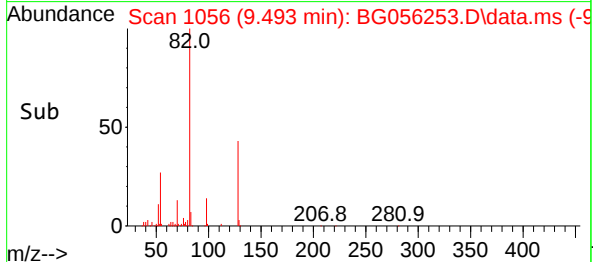
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion: 82 Resp: 259394
Ion Ratio Lower Upper
82 100
128 42.9 33.4 50.2
54 26.5 20.3 30.5

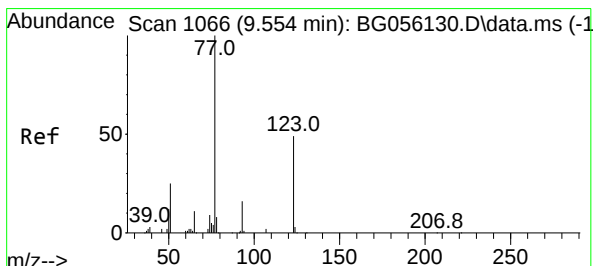
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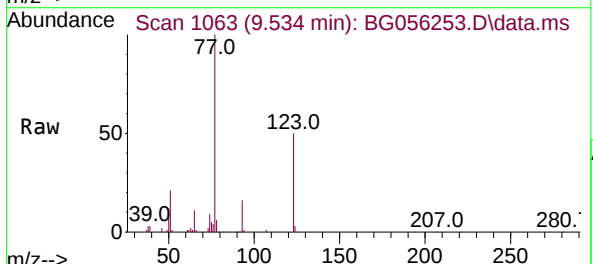


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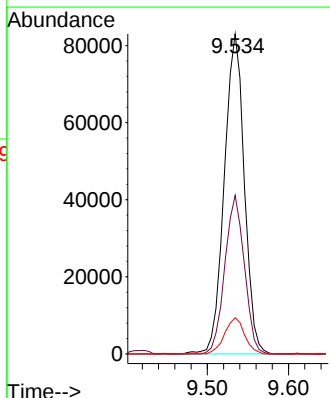
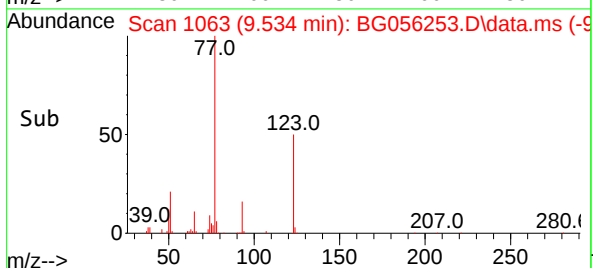
01/12/2023

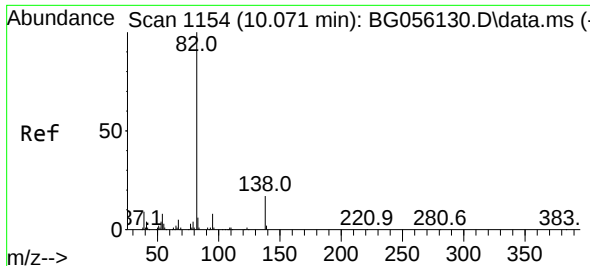


#24
Nitrobenzene
Concen: 46.693 ng
RT: 9.534 min Scan# 1063
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40



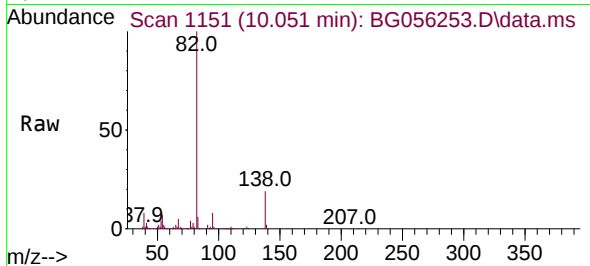
Tgt Ion: 77 Resp: 142003
Ion Ratio Lower Upper
77 100
123 49.5 38.8 58.2
65 11.3 9.1 13.7





#25
Isophorone
Concen: 42.836 ng
RT: 10.051 min Scan# 1154
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

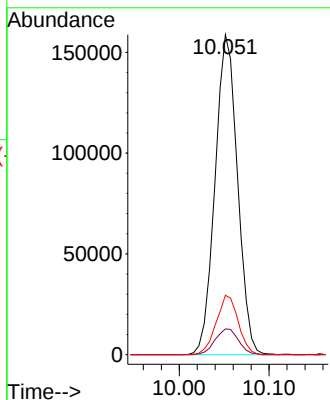
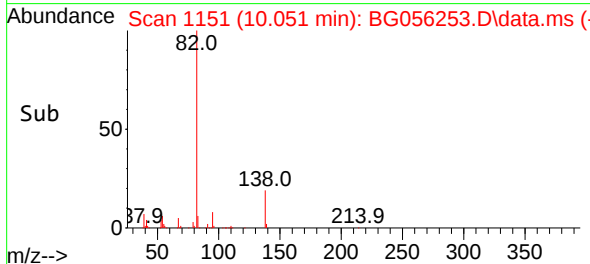
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion: 82 Resp: 276589
Ion Ratio Lower Upper
82 100
95 8.0 6.7 10.1
138 18.5 13.7 20.5

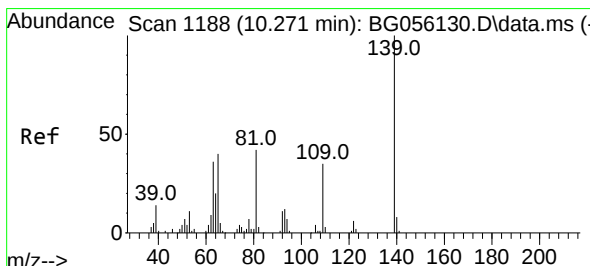
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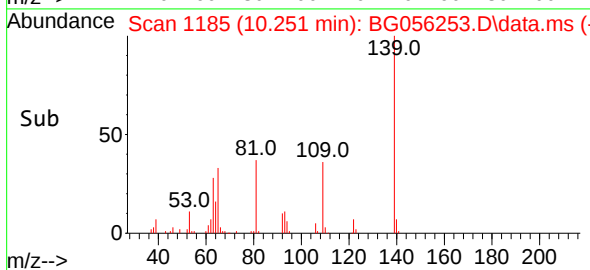
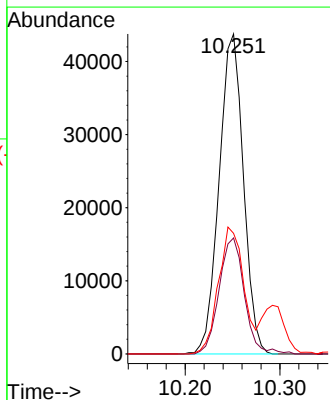
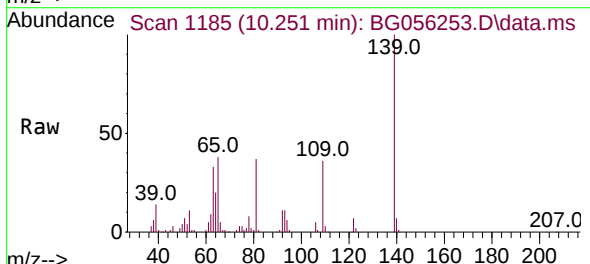
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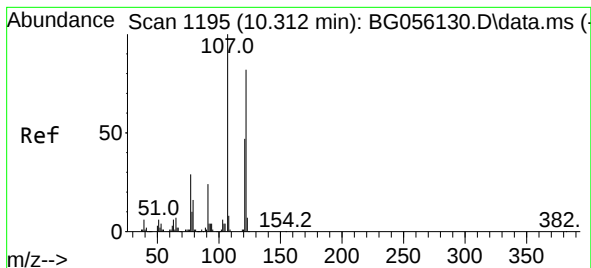
01/12/2023



#26
2-Nitrophenol
Concen: 50.039 ng
RT: 10.251 min Scan# 1185
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

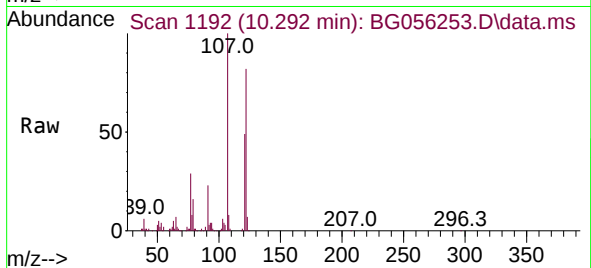
Tgt Ion:139 Resp: 77862
Ion Ratio Lower Upper
139 100
109 36.2 28.4 42.6
65 37.7 32.1 48.1





#27
2,4-Dimethylphenol
Concen: 49.375 ng
RT: 10.292 min Scan# 1195
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

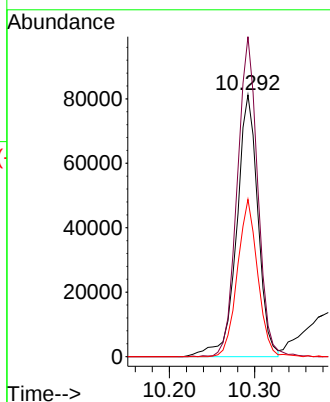
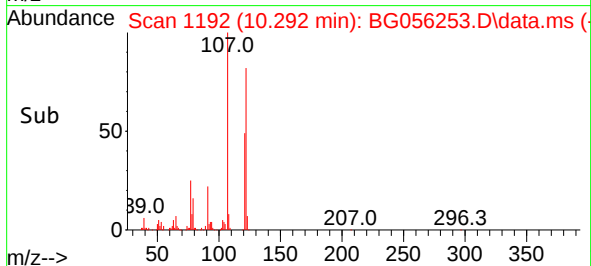
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:122 Resp: 140130
Ion Ratio Lower Upper
122 100
107 122.3 97.5 146.3
121 60.1 45.9 68.9

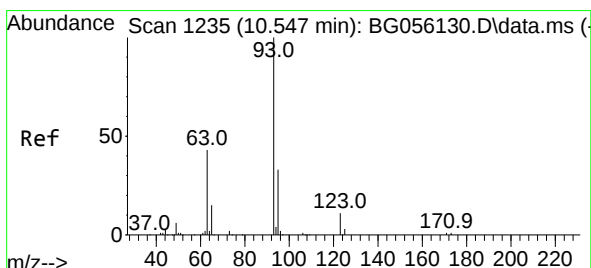
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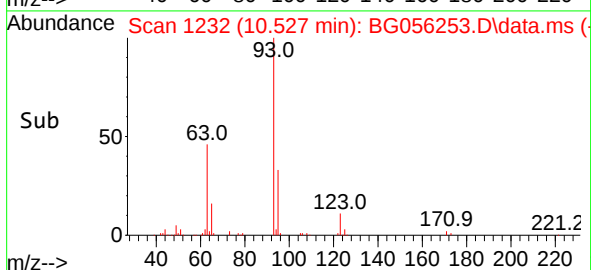
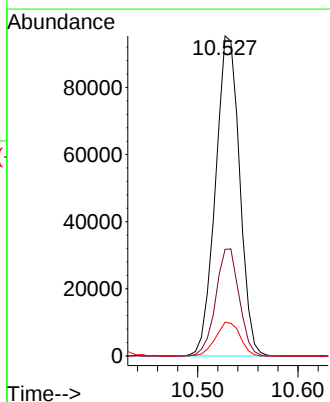
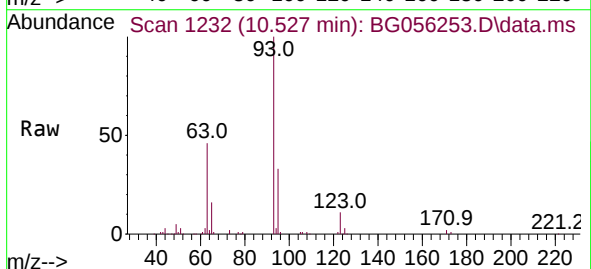
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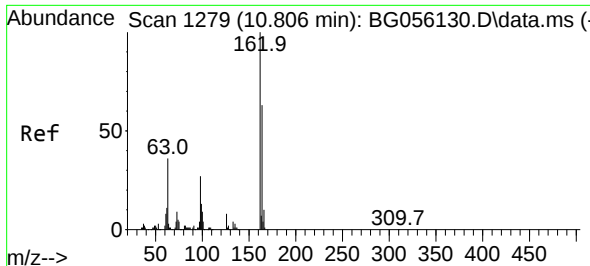
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#28
bis(2-Chloroethoxy)methane
Concen: 47.492 ng
RT: 10.527 min Scan# 1232
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

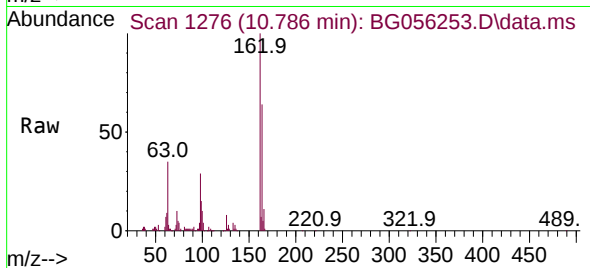
Tgt Ion: 93 Resp: 159380
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.2
123 10.5 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 51.813 ng
RT: 10.786 min Scan# 1279
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

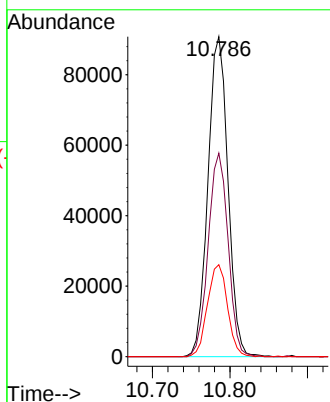
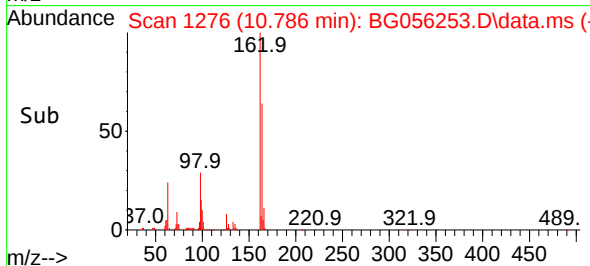
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:162 Resp: 162571
Ion Ratio Lower Upper
162 100
164 63.6 43.3 83.3
98 28.7 6.8 46.8

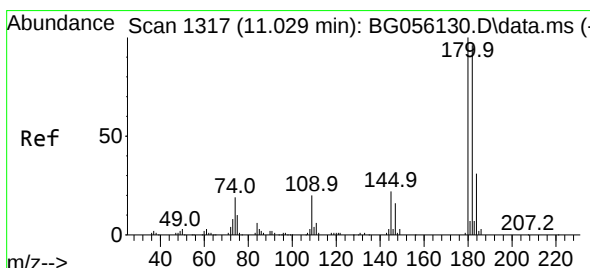
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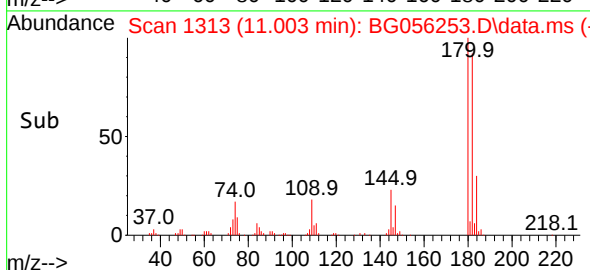
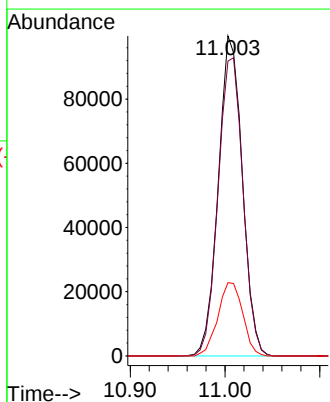
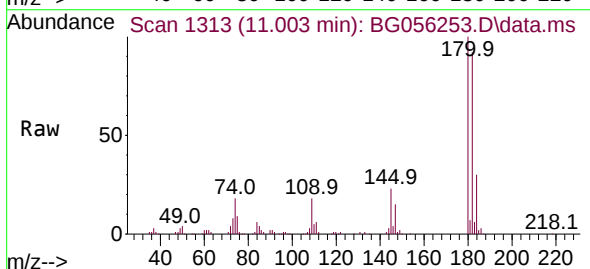
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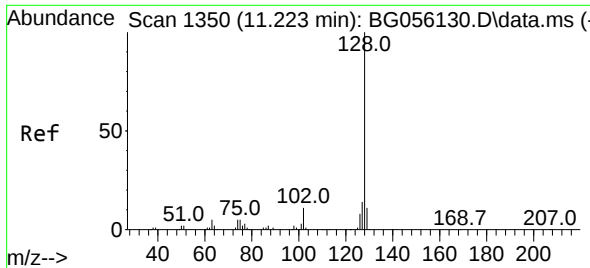
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#30
1,2,4-Trichlorobenzene
Concen: 49.243 ng
RT: 11.003 min Scan# 1313
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

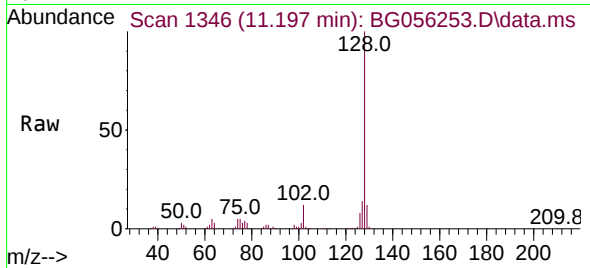
Tgt Ion:180 Resp: 175338
Ion Ratio Lower Upper
180 100
182 92.1 77.0 115.4
145 22.9 17.4 26.2





#31
Naphthalene
Concen: 46.726 ng
RT: 11.197 min Scan# 1350
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

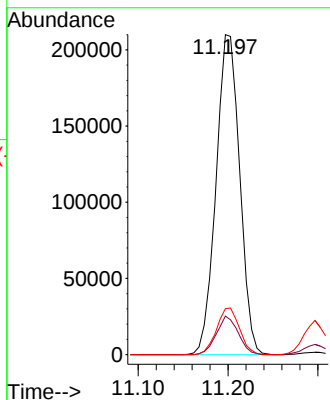
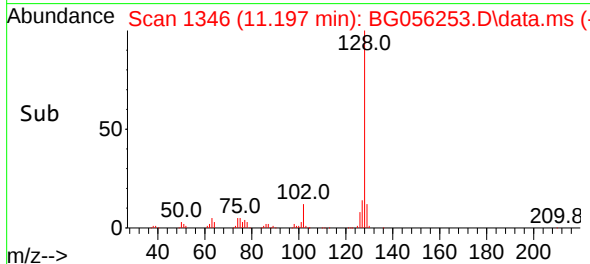
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:128 Resp: 386017
Ion Ratio Lower Upper
128 100
129 12.0 8.9 13.3
127 14.4 11.2 16.8

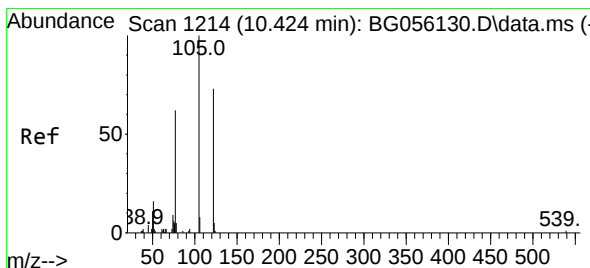
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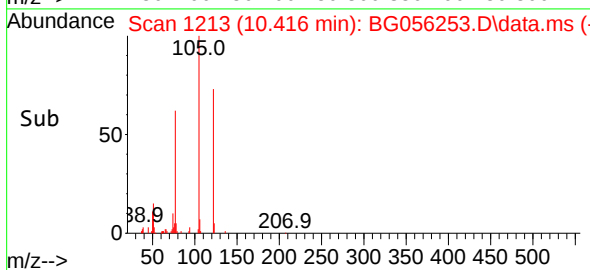
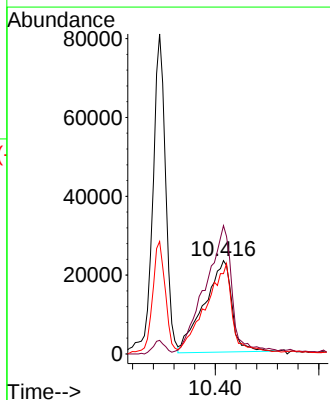
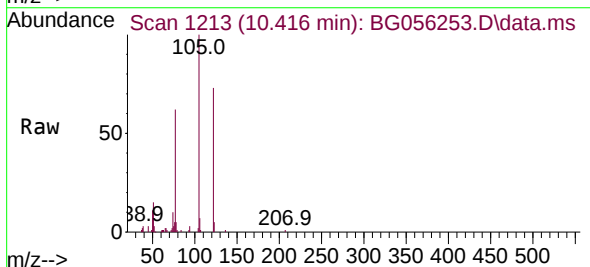
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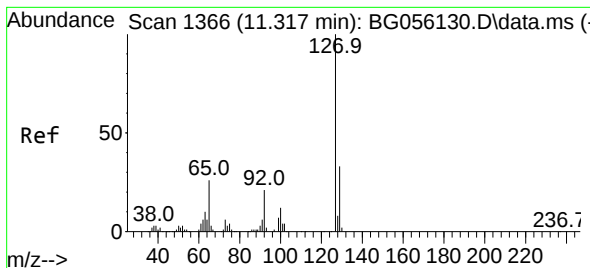
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#32
Benzoic acid
Concen: 41.165 ng
RT: 10.416 min Scan# 1213
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:122 Resp: 86684
Ion Ratio Lower Upper
122 100
105 137.6 109.0 149.0
77 86.0 63.1 103.1





#33
4-Chloroaniline
Concen: 10.171 ng
RT: 11.297 min Scan# 1366
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Instrument :

BNA_G

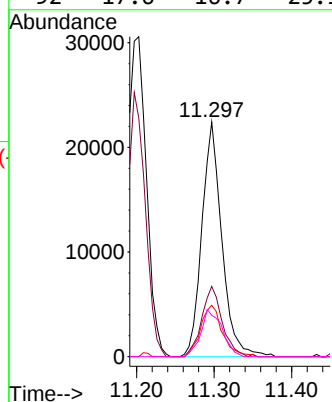
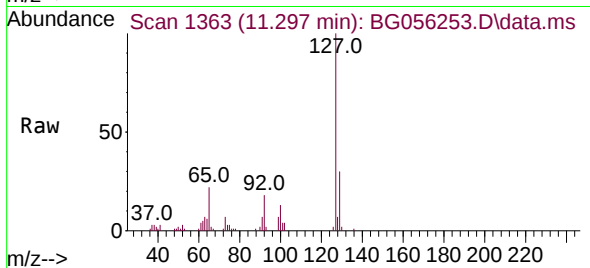
ClientSampleId :

S4-03MS

Tgt Ion:	127	Resp:	4011
Ion Ratio	Lower	Upper	
127	100		
129	29.9	26.1	39.1
65	21.8	20.9	31.3
92	17.6	16.7	25.1

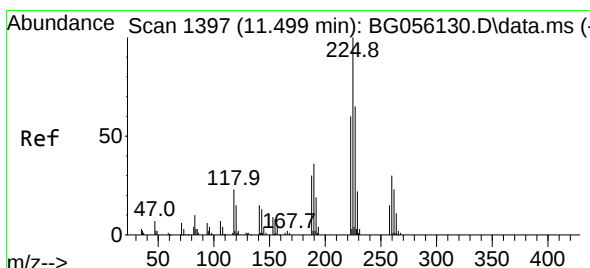
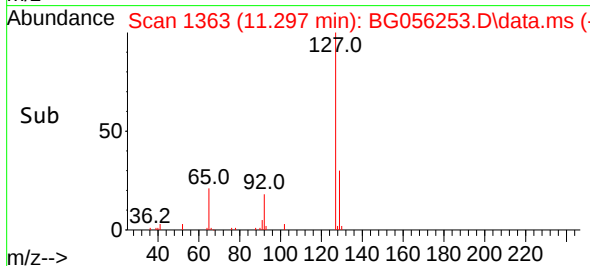
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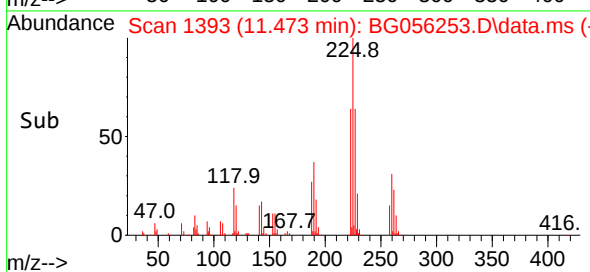
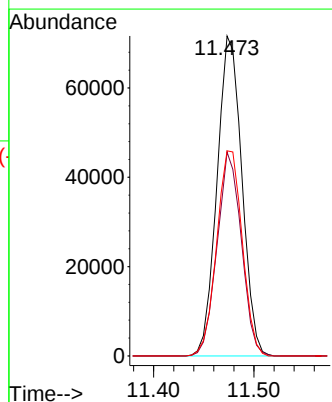
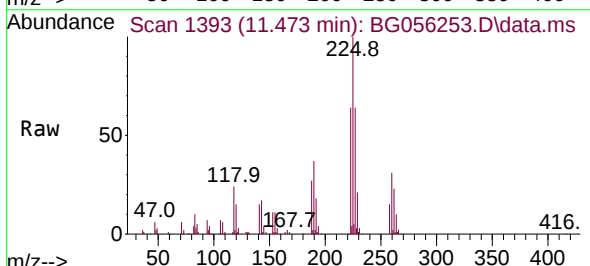
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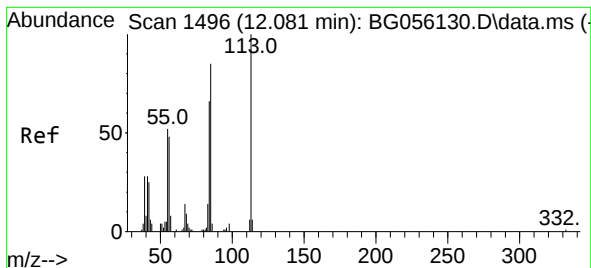
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#34
Hexachlorobutadiene
Concen: 48.190 ng
RT: 11.473 min Scan# 1393
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

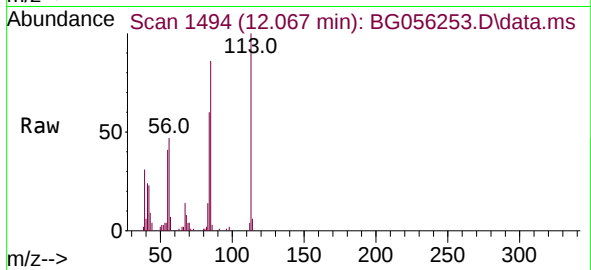
Tgt Ion:	225	Resp:	123410
Ion Ratio	Lower	Upper	
225	100		
223	60.7	47.7	71.5
227	61.0	52.3	78.5





#35
Caprolactam
Concen: 45.806 ng m
RT: 12.067 min Scan# 1496
Delta R.T. 0.007 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

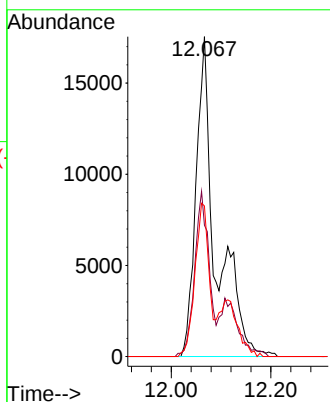
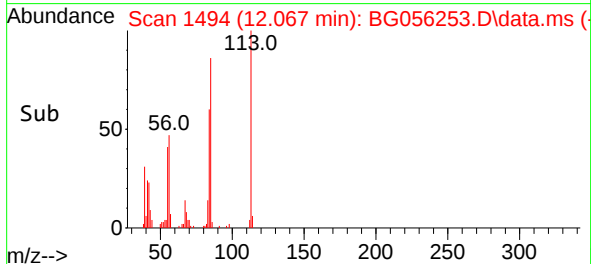
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:113 Resp: 48660
Ion Ratio Lower Upper
113 100
55 41.1 31.9 71.9
56 47.1 27.6 67.6

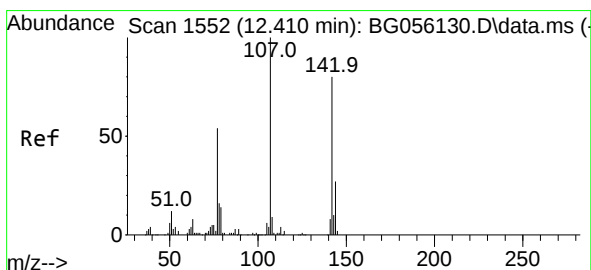
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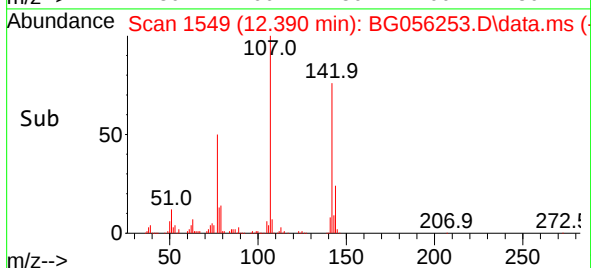
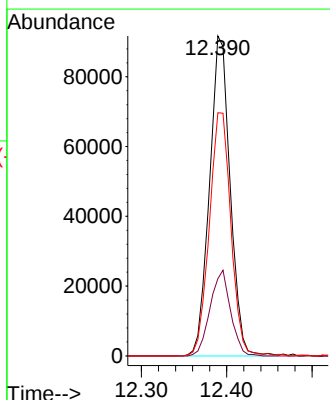
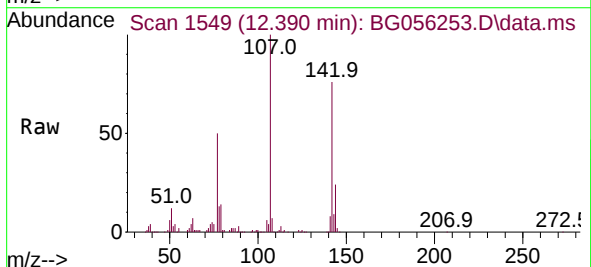
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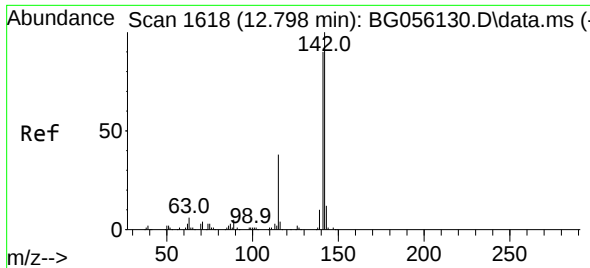
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#36
4-Chloro-3-methylphenol
Concen: 48.373 ng
RT: 12.390 min Scan# 1549
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

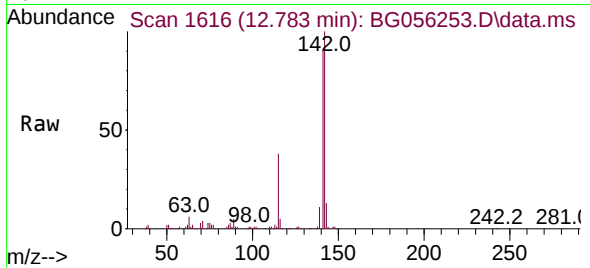
Tgt Ion:107 Resp: 154012
Ion Ratio Lower Upper
107 100
144 24.1 21.5 32.3
142 76.0 63.8 95.6





#37
2-Methylnaphthalene
Concen: 43.305 ng
RT: 12.783 min Scan# 1616
Delta R.T. 0.007 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

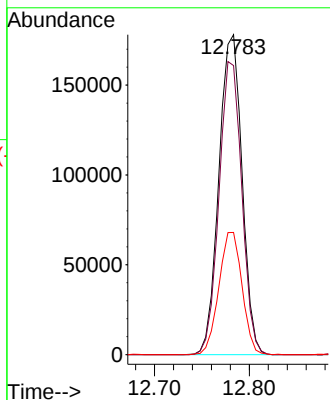
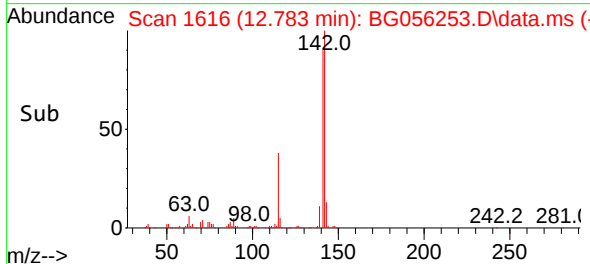
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:142 Resp: 302075
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.4
115 38.2 30.7 46.1

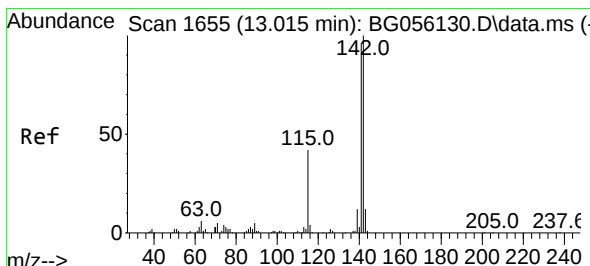
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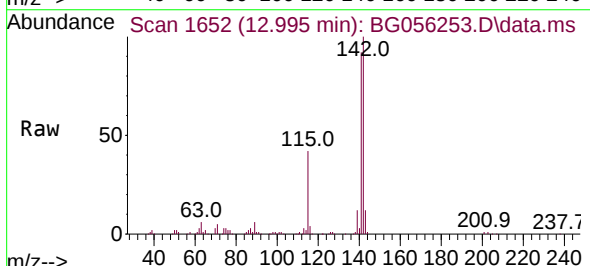


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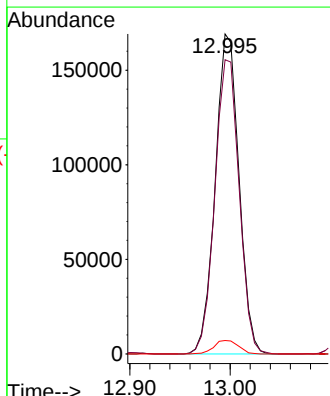
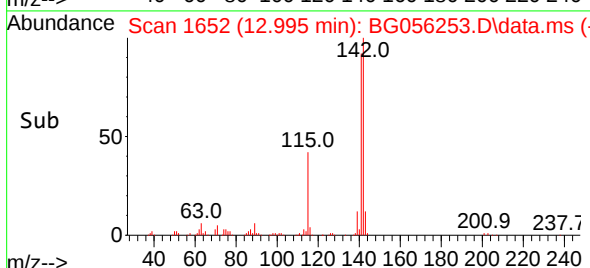
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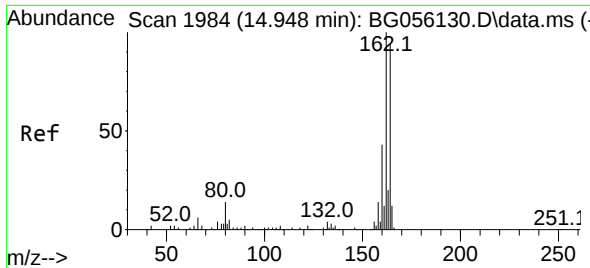


#38
1-Methylnaphthalene
Concen: 42.985 ng
RT: 12.995 min Scan# 1652
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40



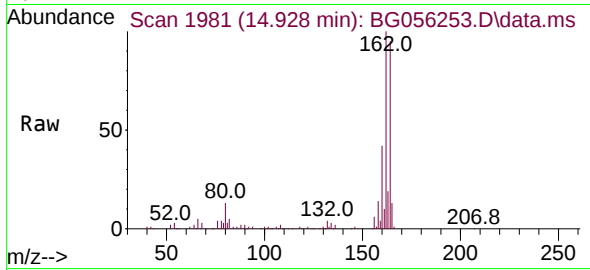
Tgt Ion:142 Resp: 278441
Ion Ratio Lower Upper
142 100
141 91.9 77.0 115.6
116 4.2 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.928 min Scan# 1984
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

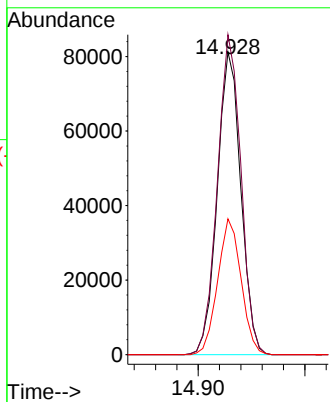
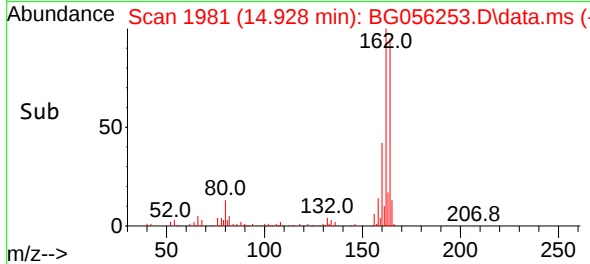
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:164 Resp: 124758
Ion Ratio Lower Upper
164 100
162 105.7 84.7 127.1
160 44.8 36.3 54.5

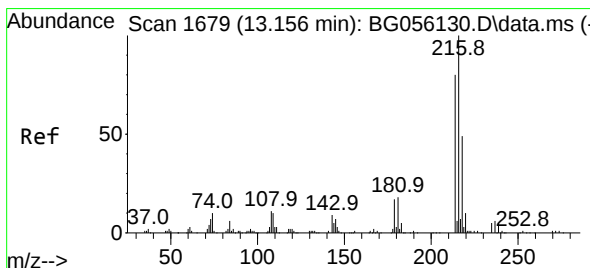
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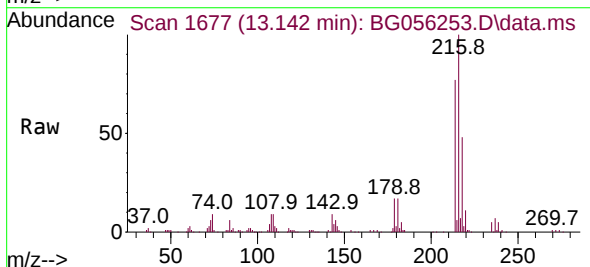


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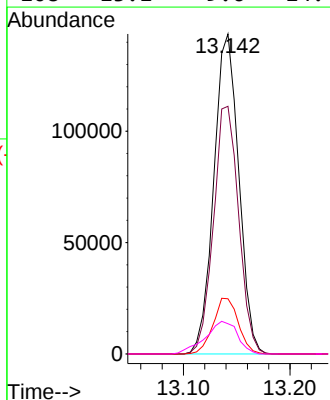
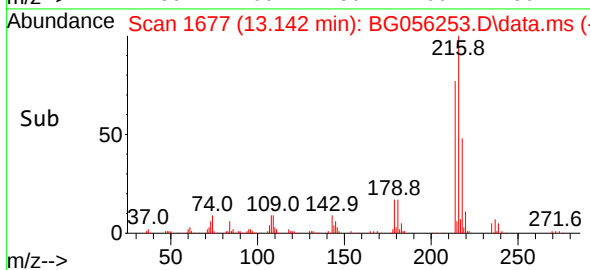
01/12/2023

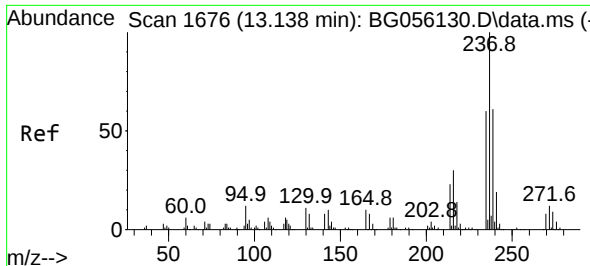


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.982 ng
RT: 13.142 min Scan# 1677
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40



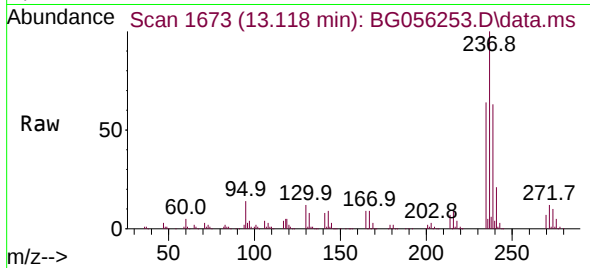
Tgt Ion:216 Resp: 233712
Ion Ratio Lower Upper
216 100
214 78.2 63.4 95.0
179 17.6 13.6 20.4
108 13.1 9.6 14.4





#41
Hexachlorocyclopentadiene
Concen: 111.376 ng
RT: 13.118 min Scan# 1676
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

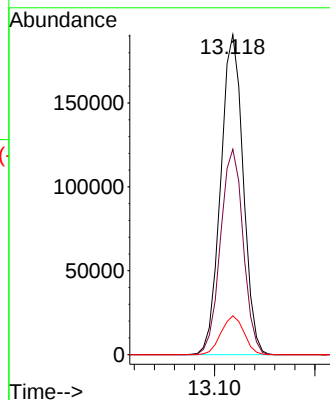
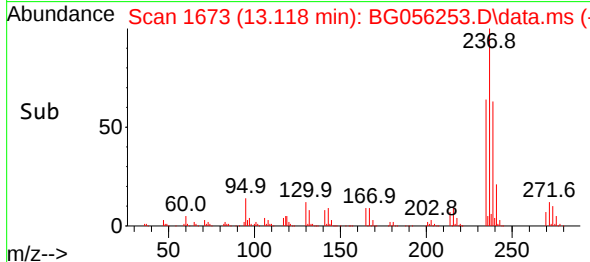
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:237 Resp: 296911
Ion Ratio Lower Upper
237 100
235 64.2 40.3 80.3
272 12.1 0.0 32.5

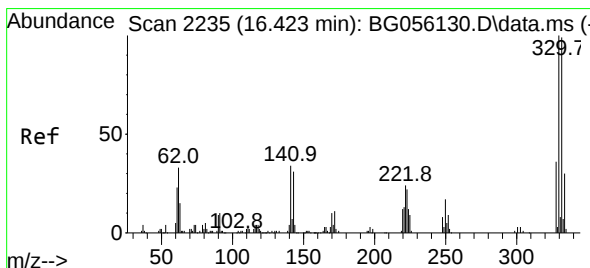
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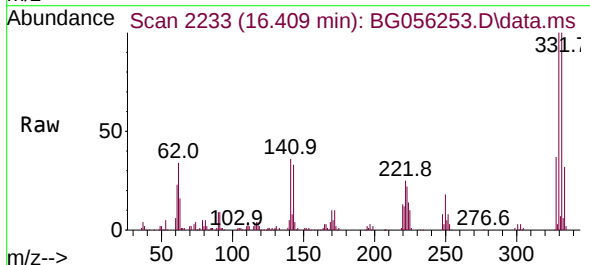


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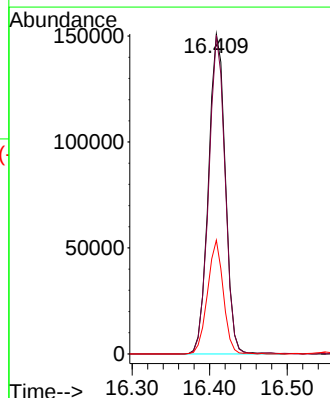
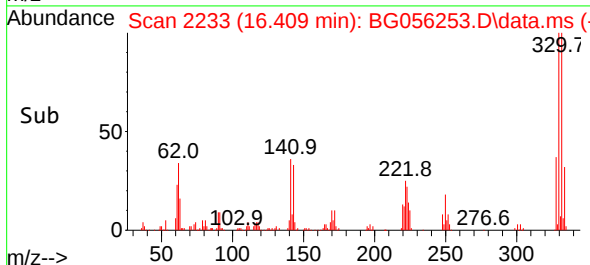
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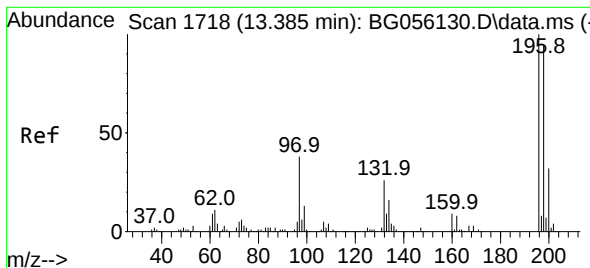


#42
2,4,6-Tribromophenol
Concen: 143.653 ng
RT: 16.409 min Scan# 2233
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40



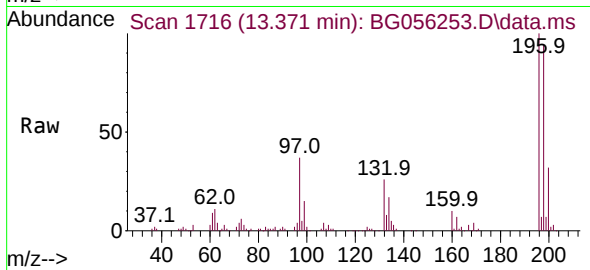
Tgt Ion:330 Resp: 226977
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 33.3 27.9 41.9





#43
2,4,6-Trichlorophenol
Concen: 51.344 ng
RT: 13.371 min Scan# 1718
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

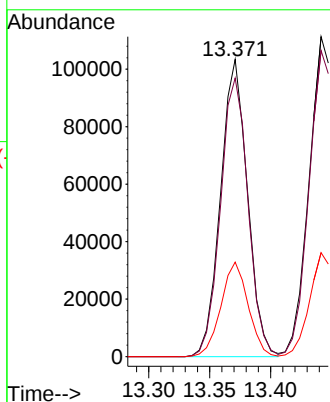
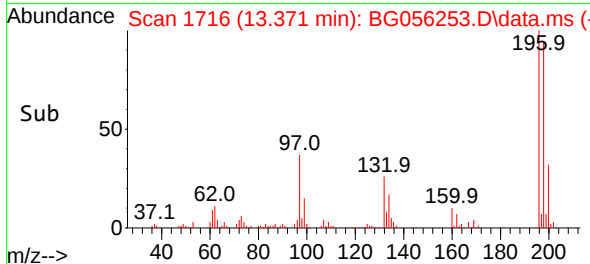
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:196 Resp: 15875
Ion Ratio Lower Upper
196 100
198 93.7 75.5 113.3
200 31.8 25.7 38.5

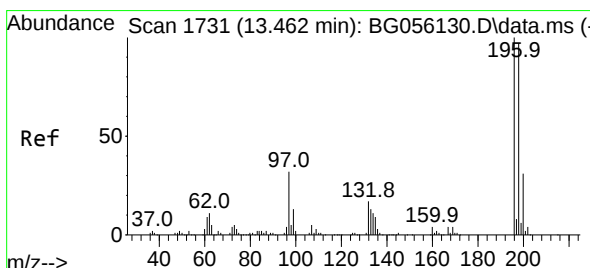
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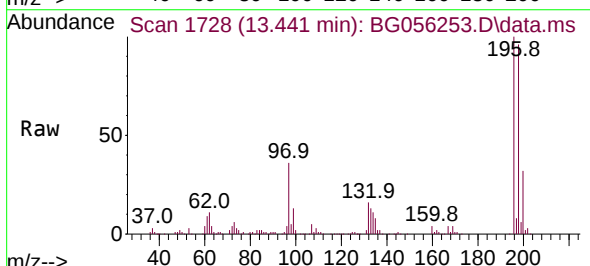


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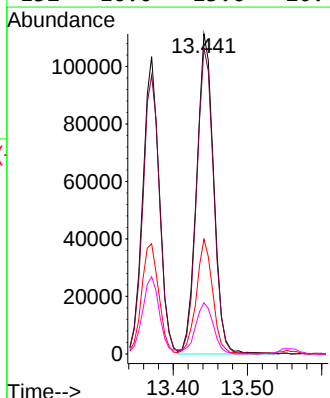
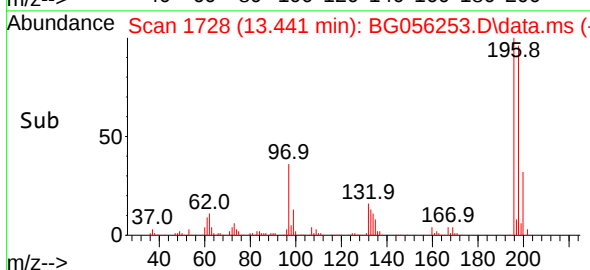
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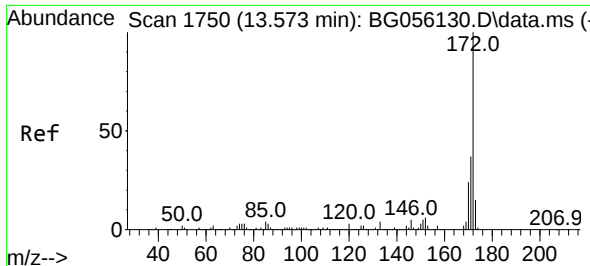


#44
2,4,5-Trichlorophenol
Concen: 48.751 ng
RT: 13.441 min Scan# 1728
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40



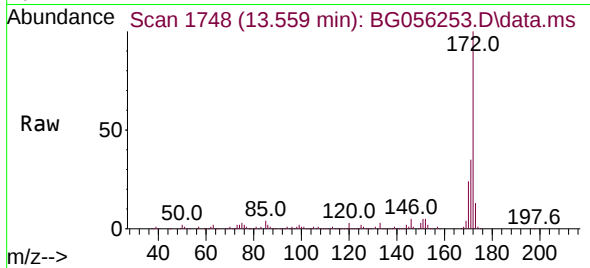
Tgt Ion:196 Resp: 178308
Ion Ratio Lower Upper
196 100
198 95.6 78.0 117.0
97 35.8 25.7 38.5
132 16.0 13.6 20.4





#45
2-Fluorobiphenyl
Concen: 84.746 ng
RT: 13.559 min Scan# 1748
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

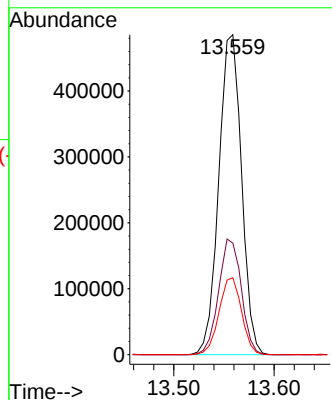
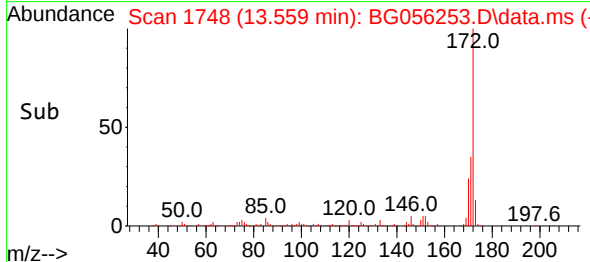
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:172 Resp: 765639
Ion Ratio Lower Upper
172 100
171 34.8 29.6 44.4
170 24.0 19.4 29.2

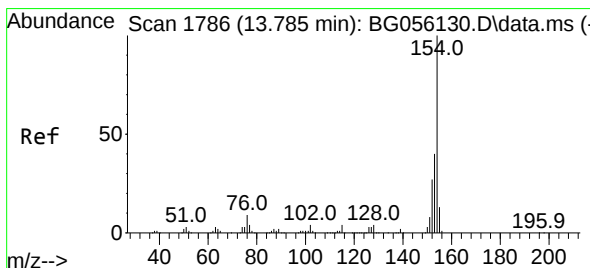
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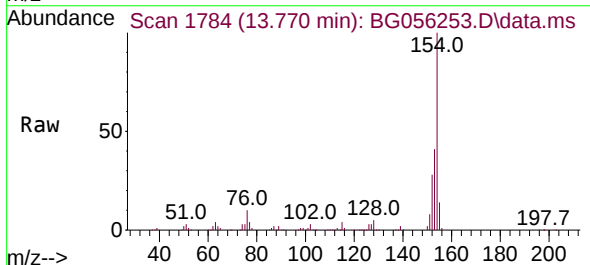


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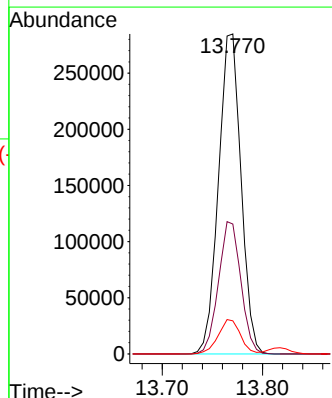
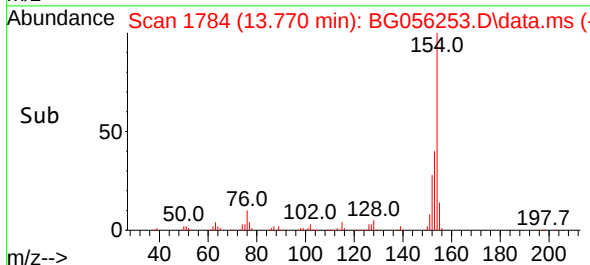
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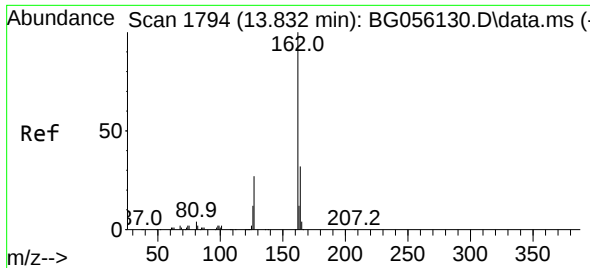


#46
1,1'-Biphenyl
Concen: 49.679 ng
RT: 13.770 min Scan# 1784
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40



Tgt Ion:154 Resp: 443869
Ion Ratio Lower Upper
154 100
153 40.6 20.0 60.0
76 10.3 0.0 29.3





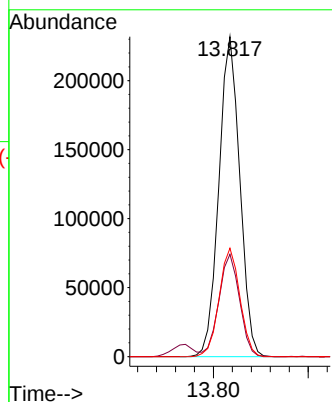
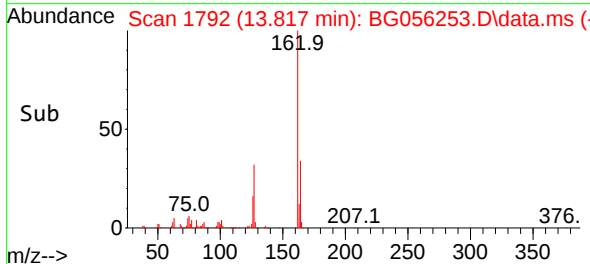
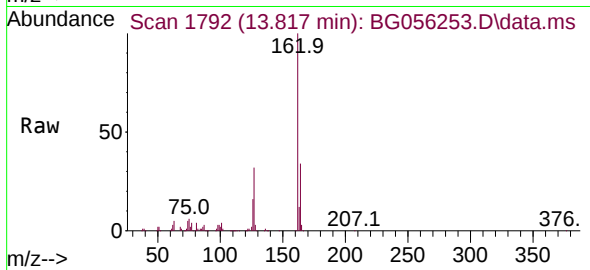
#47
2-Chloronaphthalene
Concen: 50.346 ng
RT: 13.817 min Scan# 1792
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Instrument :
BNA_G
ClientSampleId :
S4-03MS

Tgt Ion:162 Resp: 355055
Ion Ratio Lower Upper
162 100
127 32.0 24.6 36.8
164 33.9 25.8 38.8

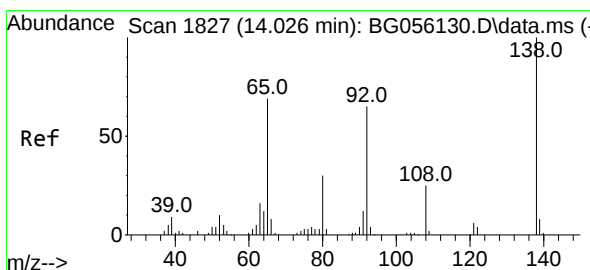
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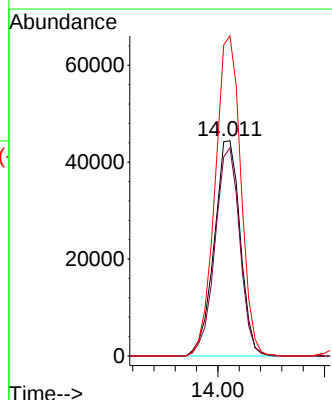
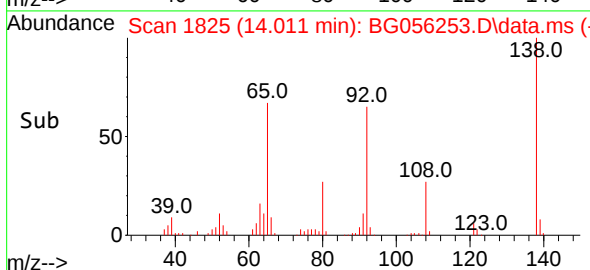
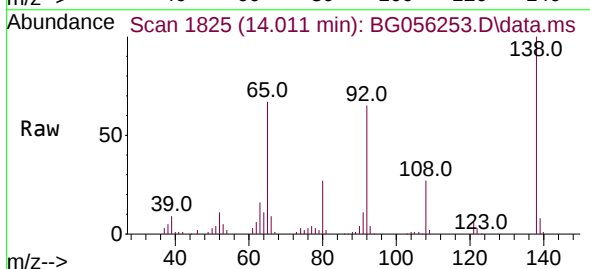
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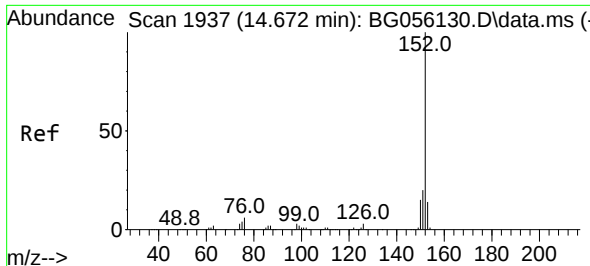
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#48
2-Nitroaniline
Concen: 49.902 ng
RT: 14.011 min Scan# 1825
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

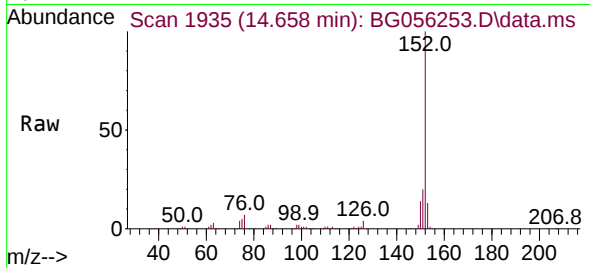
Tgt Ion: 65 Resp: 74982
Ion Ratio Lower Upper
65 100
92 96.6 76.0 114.0
138 148.8 116.6 174.8





#49
Acenaphthylene
Concen: 48.051 ng
RT: 14.658 min Scan# 1935
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

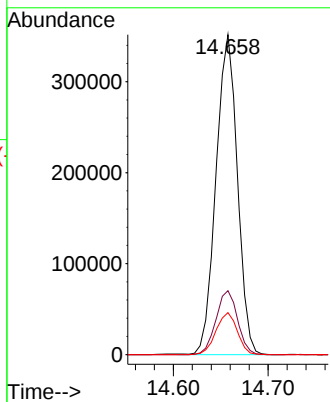
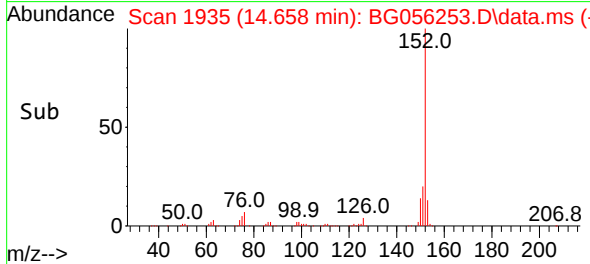
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:152 Resp: 551452
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.1 11.0 16.6

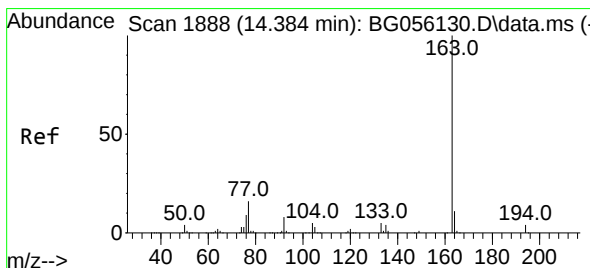
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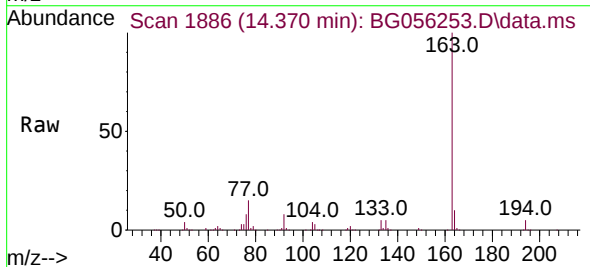


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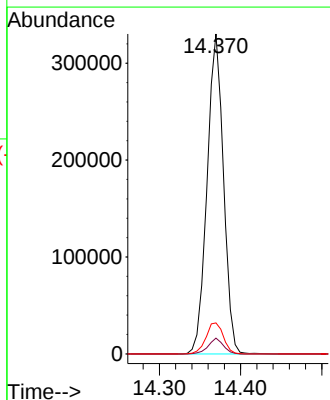
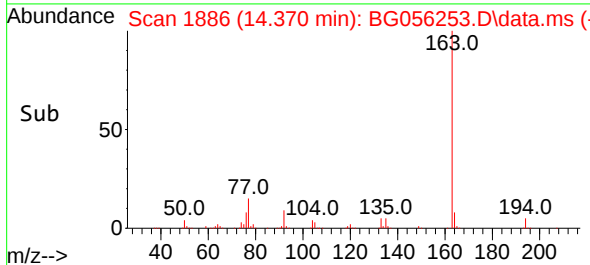
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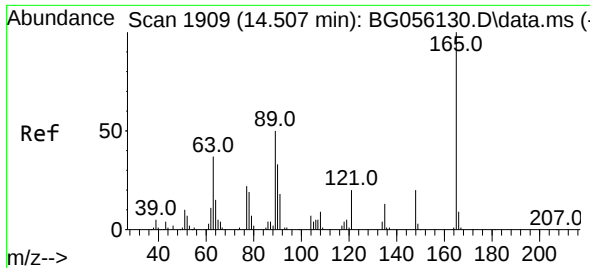


#50
Dimethylphthalate
Concen: 46.022 ng
RT: 14.370 min Scan# 1886
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40



Tgt Ion:163 Resp: 463497
Ion Ratio Lower Upper
163 100
194 4.9 3.5 5.3
164 9.7 8.7 13.1





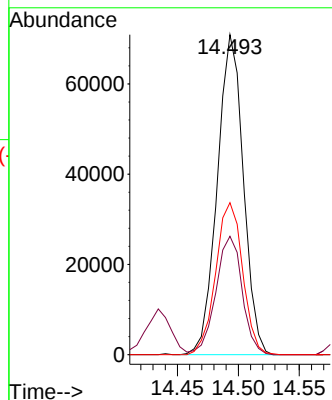
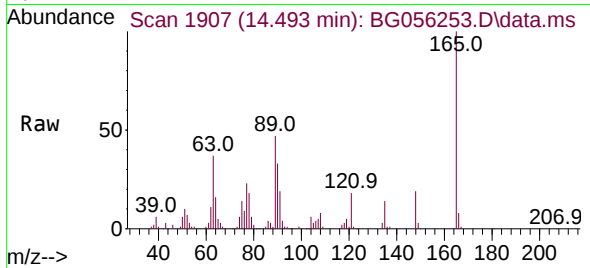
#51
2,6-Dinitrotoluene
Concen: 49.146 ng
RT: 14.493 min Scan# 1909
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Instrument :
BNA_G
ClientSampleId :
S4-03MS

Tgt Ion:165 Resp: 105468
Ion Ratio Lower Upper
165 100
63 37.0 32.2 48.2
89 47.5 39.8 59.8

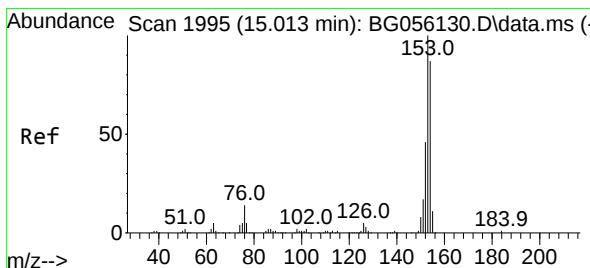
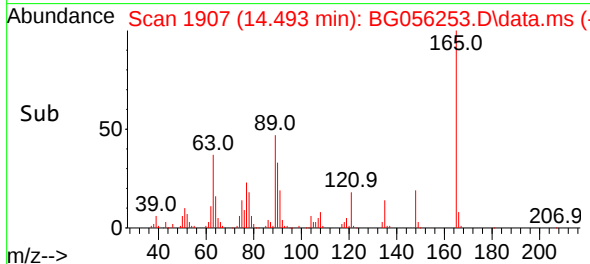
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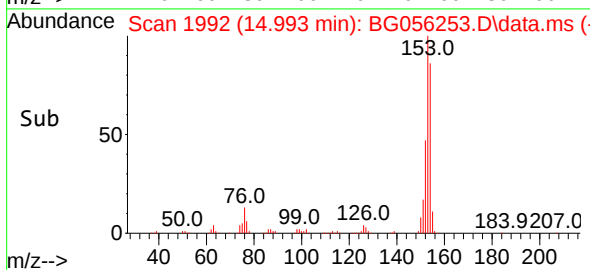
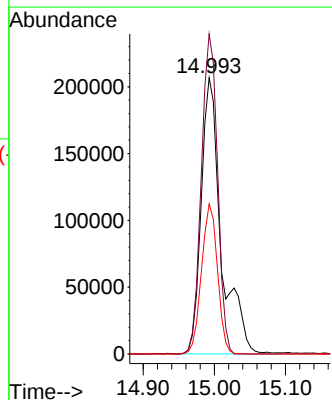
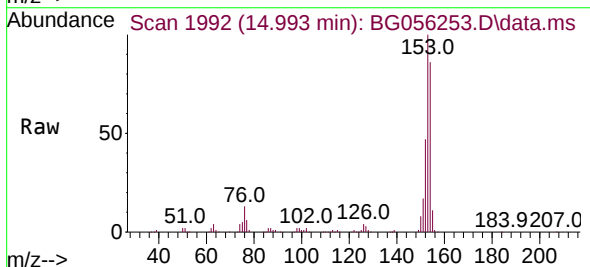
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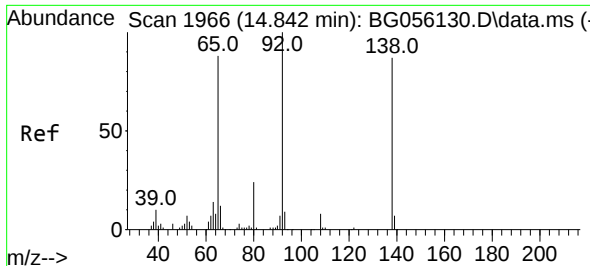
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#52
Acenaphthene
Concen: 54.309 ng
RT: 14.993 min Scan# 1992
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

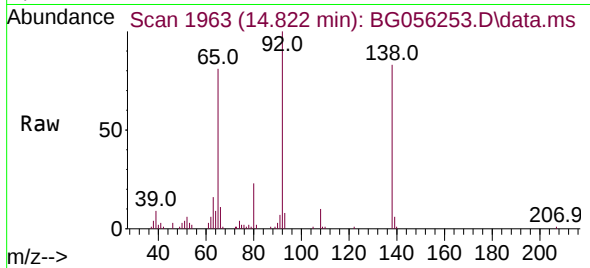
Tgt Ion:154 Resp: 405368
Ion Ratio Lower Upper
154 100
153 115.9 92.0 138.0
152 54.3 42.5 63.7





#53
3-Nitroaniline
Concen: 16.519 ng
RT: 14.822 min Scan# 1966
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

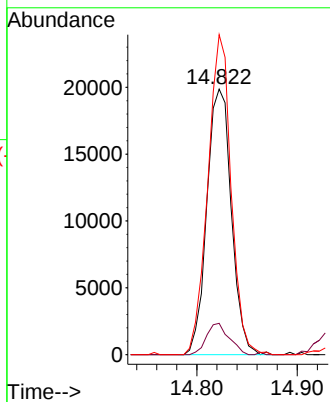
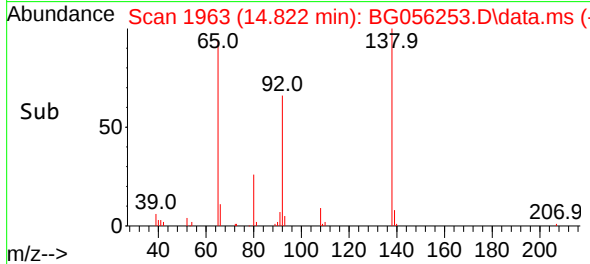
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:138 Resp: 3373
Ion Ratio Lower Upper
138 100
108 11.8 7.6 11.4
92 120.5 91.7 137.5

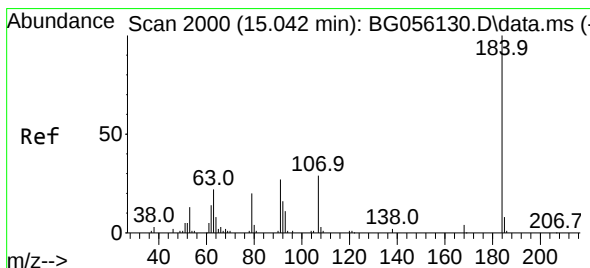
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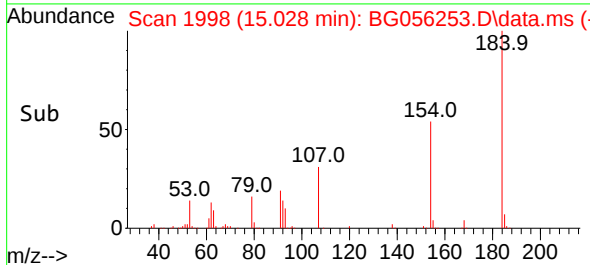
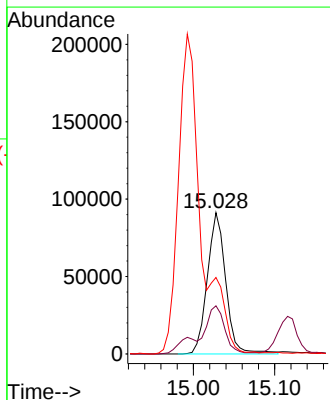
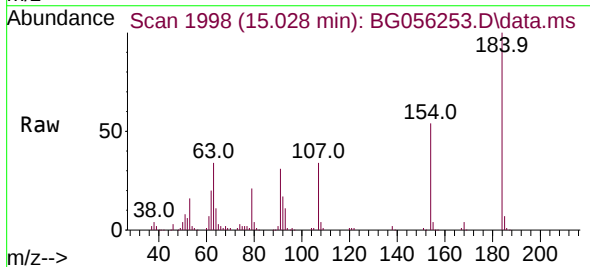
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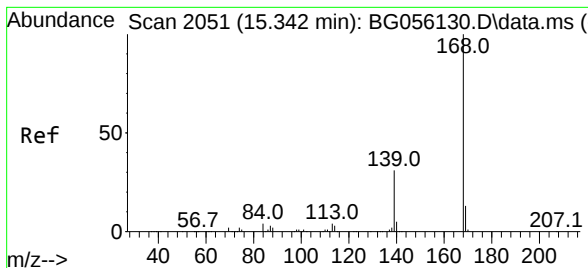
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#54
2,4-Dinitrophenol
Concen: 93.800 ng
RT: 15.028 min Scan# 1998
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

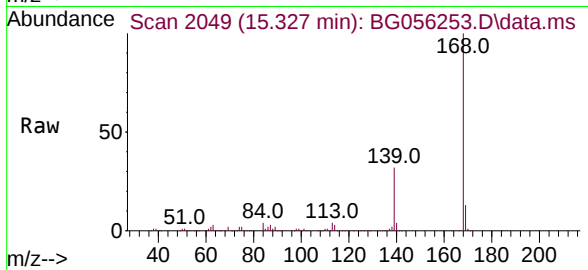
Tgt Ion:184 Resp: 143802
Ion Ratio Lower Upper
184 100
63 34.0 24.0 36.0
154 54.1 45.4 68.0





#55
Dibenzenofuran
Concen: 47.576 ng
RT: 15.327 min Scan# 2051
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

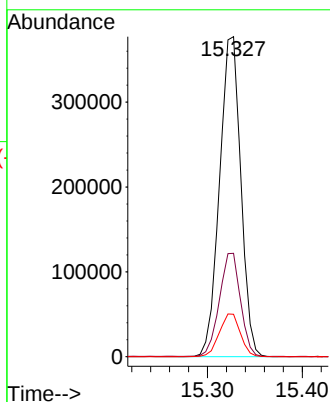
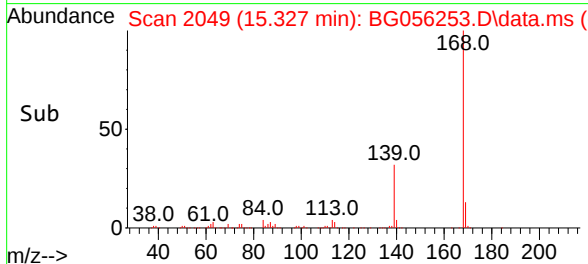
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:168 Resp: 58765
Ion Ratio Lower Upper
168 100
139 32.3 24.7 37.1
169 13.2 10.3 15.5

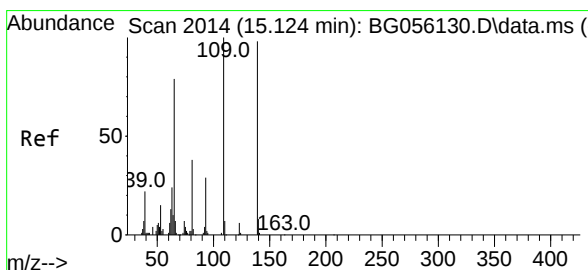
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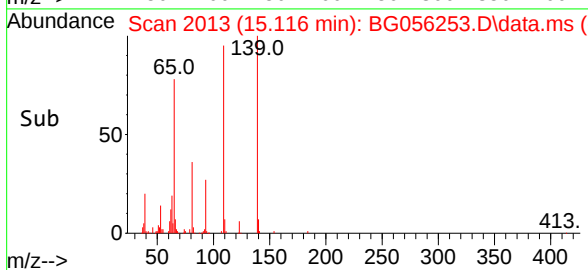
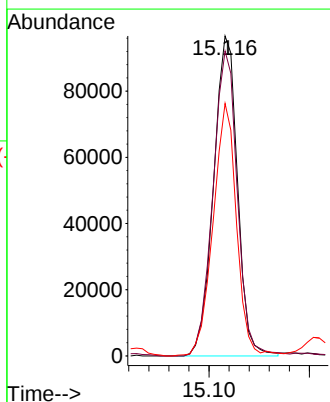
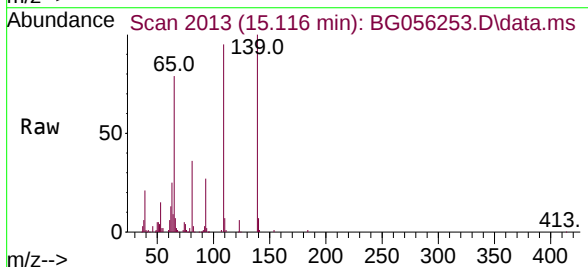
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Upadhyay

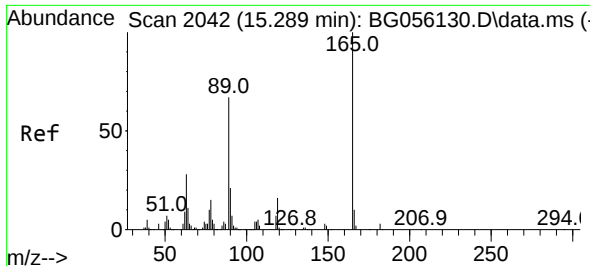
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#56
4-Nitrophenol
Concen: 101.925 ng
RT: 15.116 min Scan# 2013
Delta R.T. 0.007 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

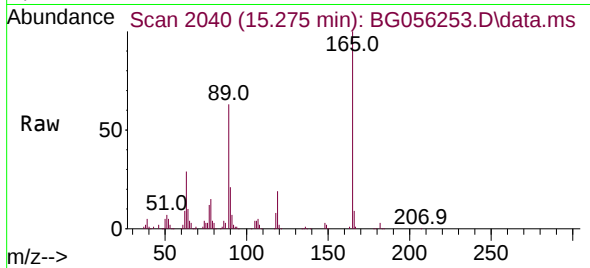
Tgt Ion:139 Resp: 160100
Ion Ratio Lower Upper
139 100
109 95.3 82.2 122.2
65 78.9 60.6 100.6





#57
2,4-Dinitrotoluene
Concen: 48.923 ng
RT: 15.275 min Scan# 2040
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

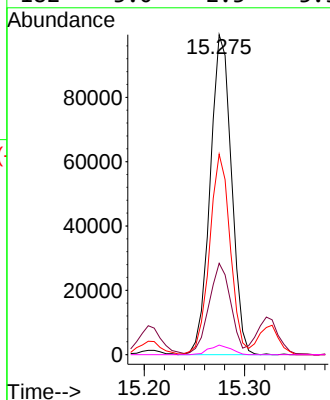
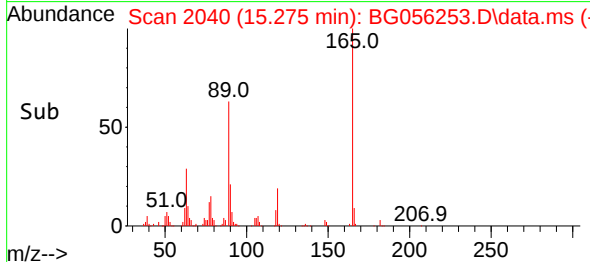
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:165 Resp: 146827
Ion Ratio Lower Upper
165 100
63 28.5 22.6 34.0
89 62.6 53.2 79.8
182 3.0 2.3 3.5

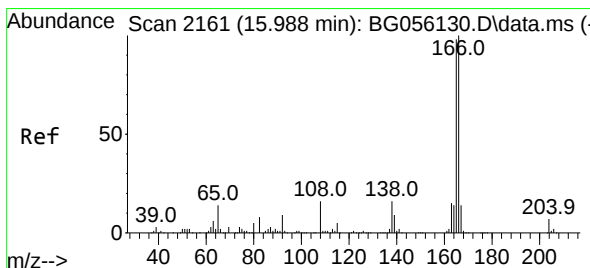
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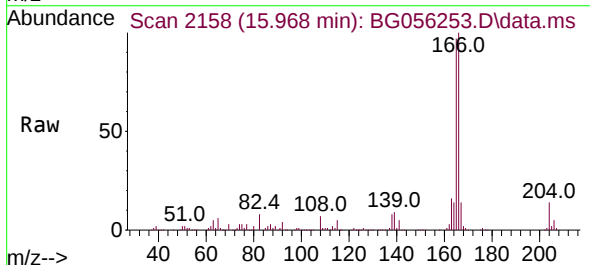


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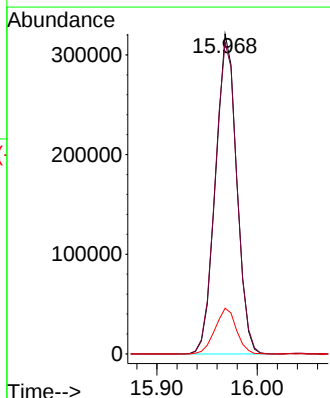
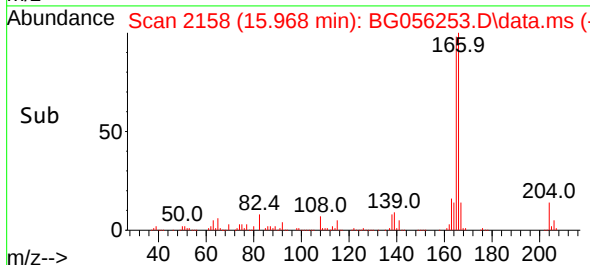
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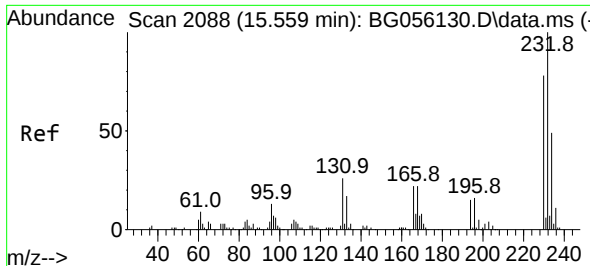


#58
Fluorene
Concen: 47.369 ng
RT: 15.968 min Scan# 2158
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40



Tgt Ion:166 Resp: 470601
Ion Ratio Lower Upper
166 100
165 97.3 78.6 118.0
167 14.3 11.1 16.7





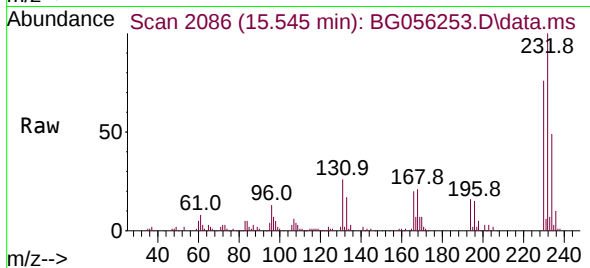
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.947 ng
RT: 15.545 min Scan# 2086
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Instrument :

BNA_G

ClientSampleId :

S4-03MS

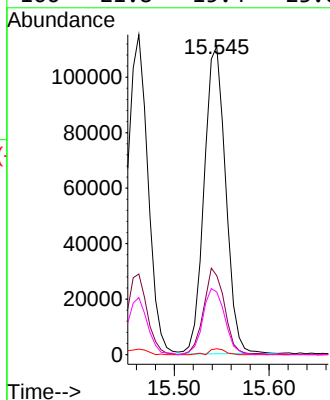
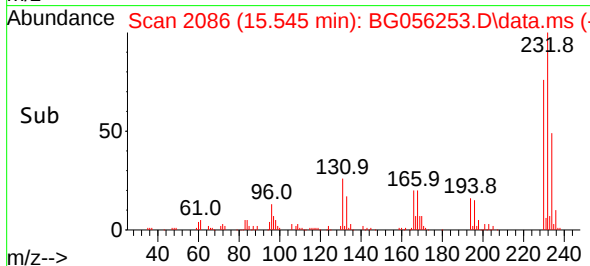


Tgt Ion:232 Resp: 174963
Ion Ratio Lower Upper
232 100
131 27.4 21.4 32.2
130 1.4 1.4 2.0
166 21.8 15.4 23.0

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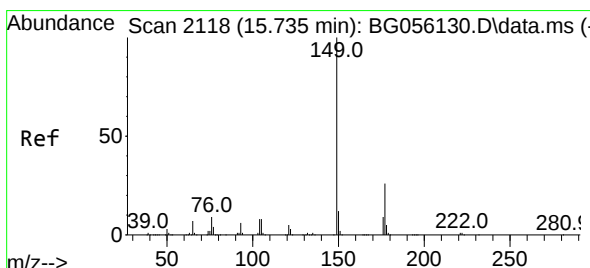
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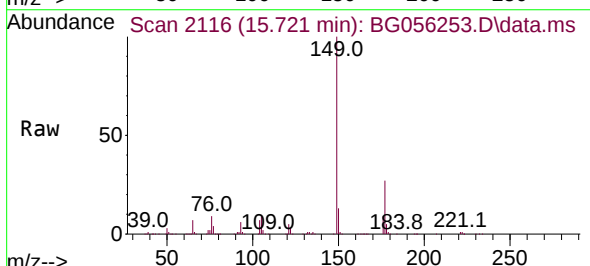


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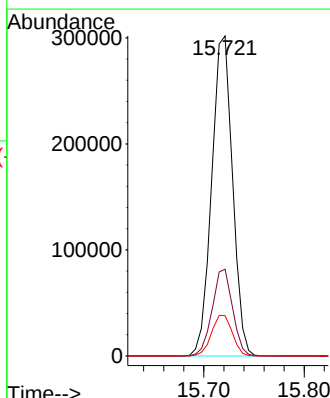
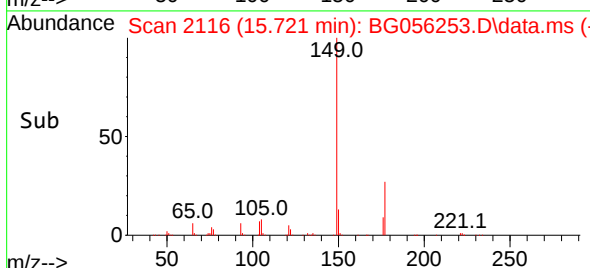
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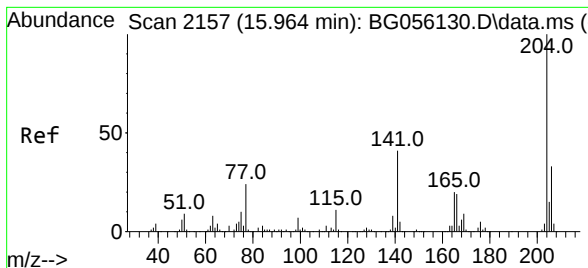


#60
Diethylphthalate
Concen: 46.166 ng
RT: 15.721 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40



Tgt Ion:149 Resp: 436029
Ion Ratio Lower Upper
149 100
177 27.1 20.6 31.0
150 12.6 9.9 14.9





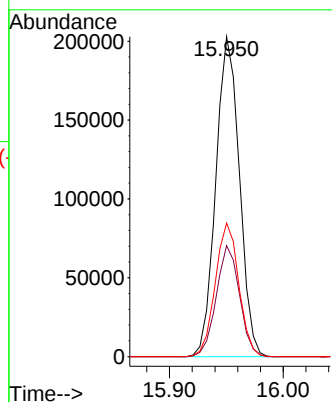
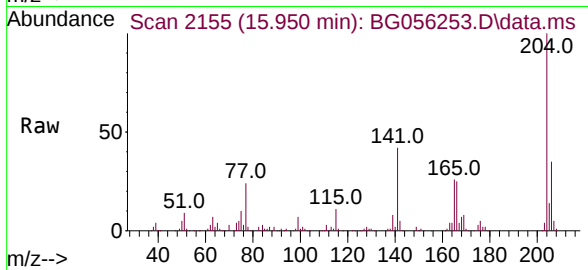
#61
4-Chlorophenyl-phenylether
Concen: 47.181 ng
RT: 15.950 min Scan# 2155
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Instrument :
BNA_G
ClientSampleId :
S4-03MS

Tgt Ion:204 Resp: 292516
Ion Ratio Lower Upper
204 100
206 34.7 26.4 39.6
141 41.7 33.0 49.4

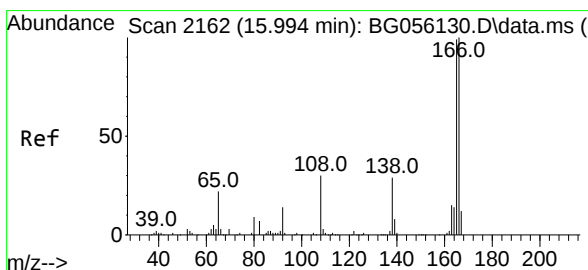
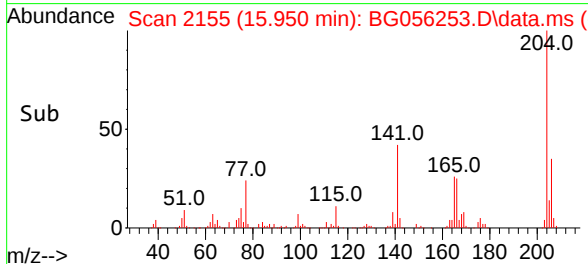
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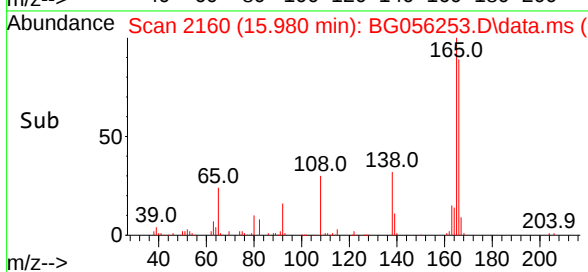
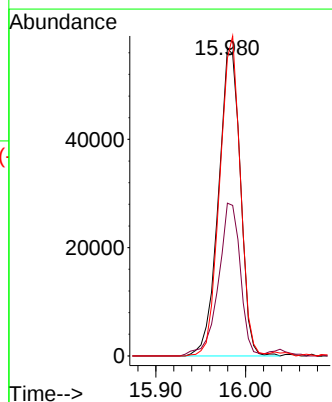
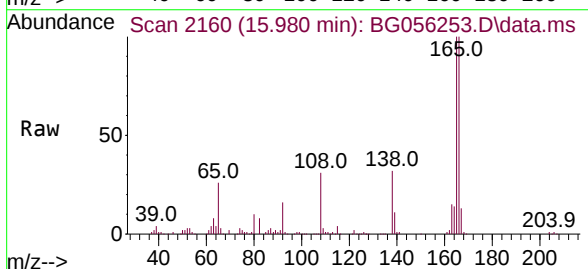
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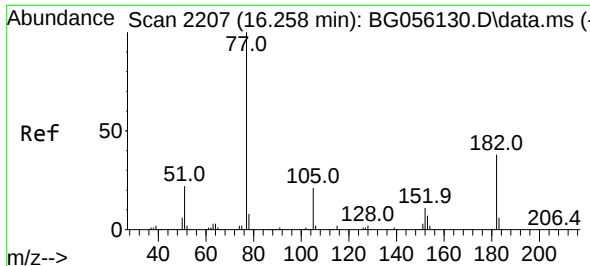
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#62
4-Nitroaniline
Concen: 46.125 ng
RT: 15.980 min Scan# 2160
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

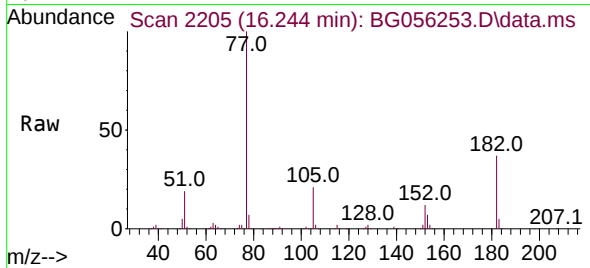
Tgt Ion:138 Resp: 96498
Ion Ratio Lower Upper
138 100
92 49.7 28.6 68.6
108 96.8 83.4 123.4





#63
Azobenzene
Concen: 49.706 ng
RT: 16.244 min Scan# 2207
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

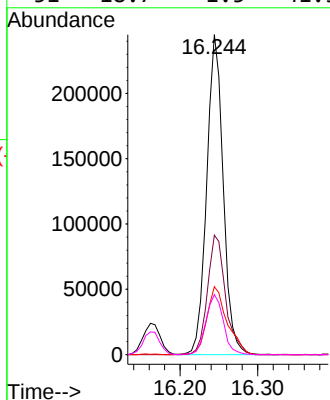
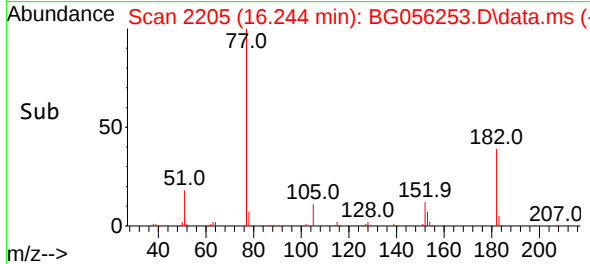
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion: 77 Resp: 362278
Ion Ratio Lower Upper
77 100
182 37.3 18.5 58.5
105 21.2 1.4 41.4
51 18.7 1.5 41.5

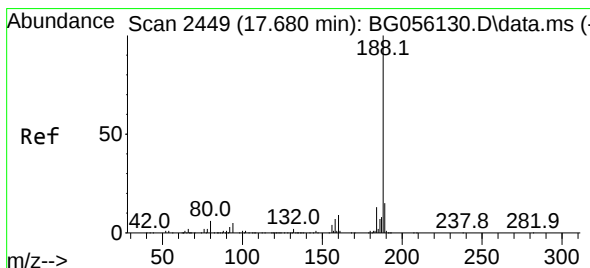
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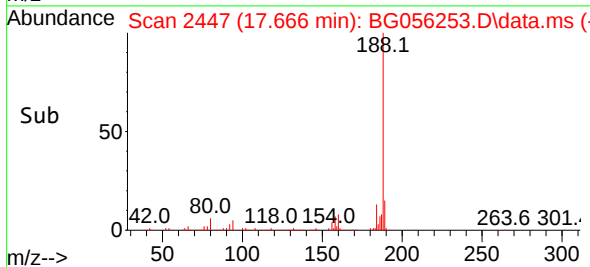
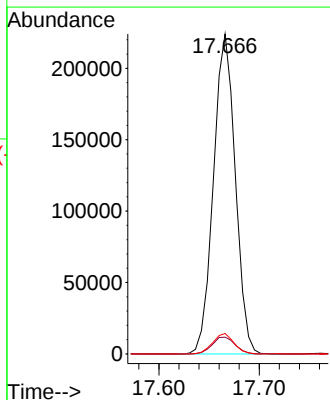
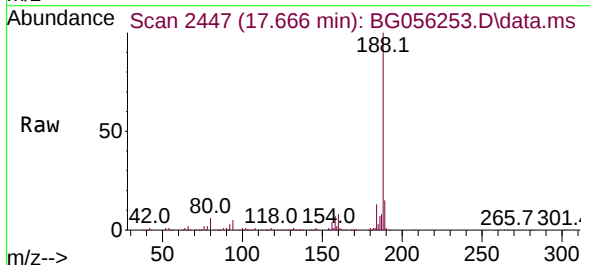
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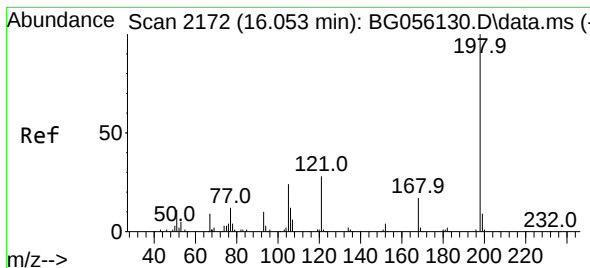
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.666 min Scan# 2447
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:188 Resp: 338358
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 6.4 5.0 7.4





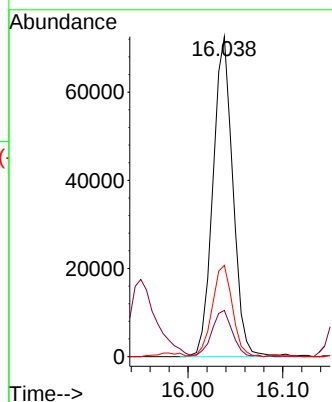
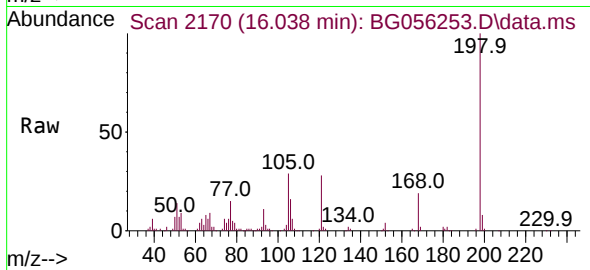
#65
4,6-Dinitro-2-methylphenol
Concen: 46.398 ng
RT: 16.038 min Scan# 2172
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Instrument :
BNA_G
ClientSampleId :
S4-03MS

Tgt Ion:198 Resp: 105772
Ion Ratio Lower Upper
198 100
51 14.4 0.0 33.2
105 28.5 4.9 44.9

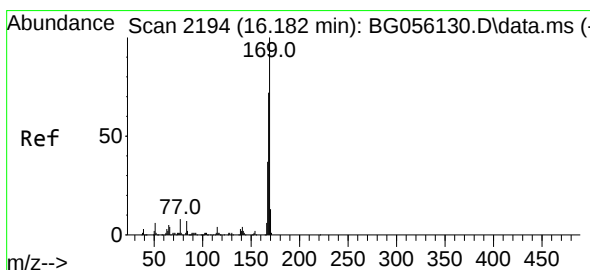
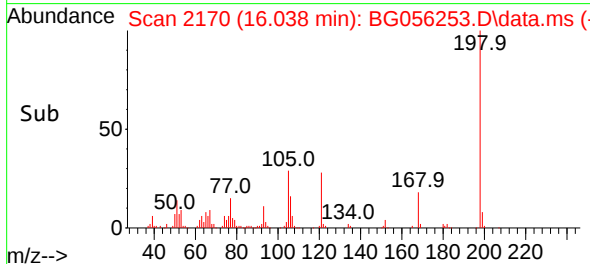
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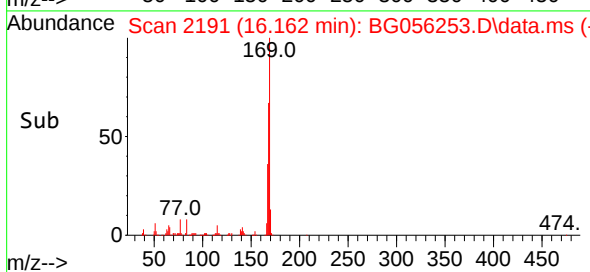
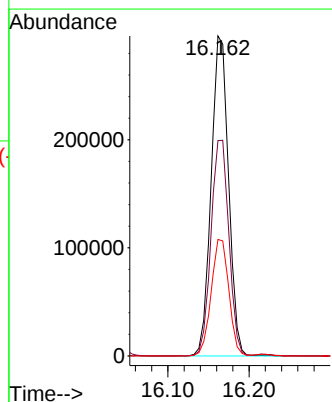
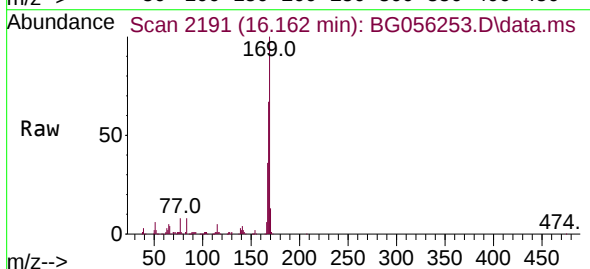
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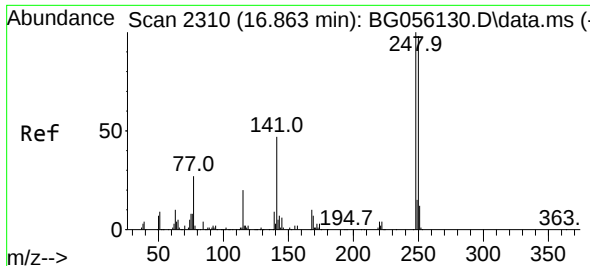
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#66
n-Nitrosodiphenylamine
Concen: 46.870 ng
RT: 16.162 min Scan# 2191
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:169 Resp: 440006
Ion Ratio Lower Upper
169 100
168 67.3 58.0 87.0
167 36.4 30.0 45.0





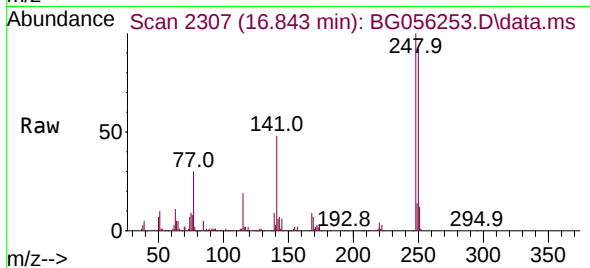
#67
4-Bromophenyl-phenylether
Concen: 46.397 ng
RT: 16.843 min Scan# 2307
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Instrument :

BNA_G

ClientSampleId :

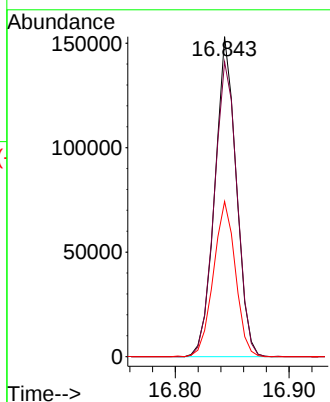
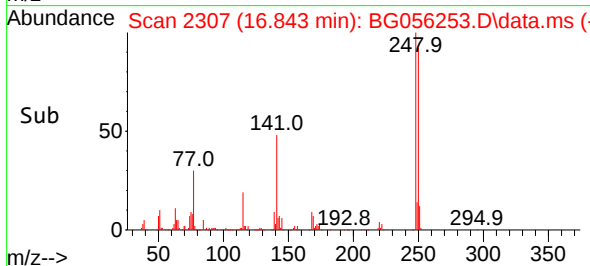
S4-03MS



Tgt Ion:248 Resp: 199909
Ion Ratio Lower Upper
248 100
250 92.1 78.2 117.4
141 48.5 37.6 56.4

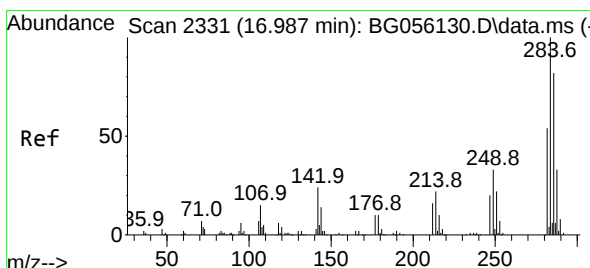
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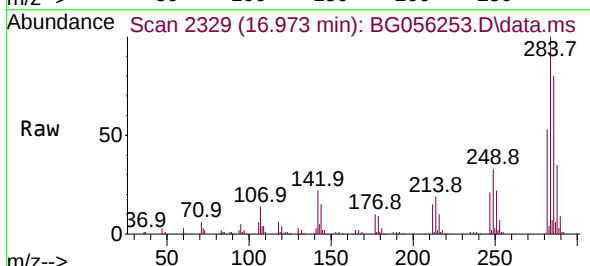


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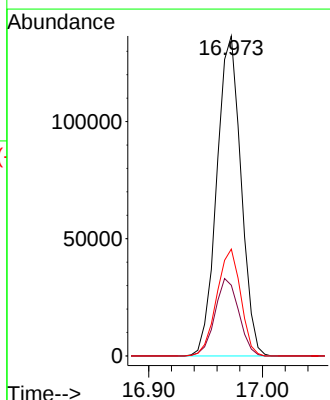
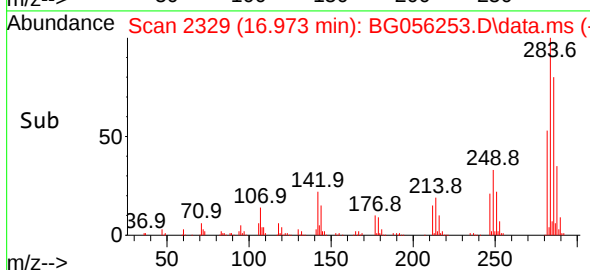
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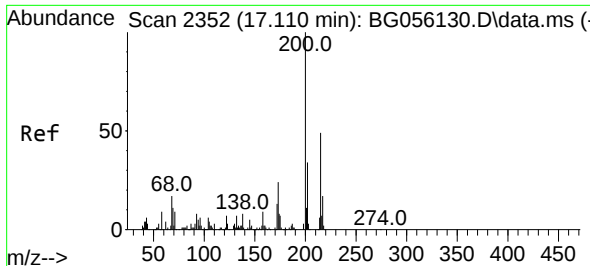


#68
Hexachlorobenzene
Concen: 50.194 ng
RT: 16.973 min Scan# 2329
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40



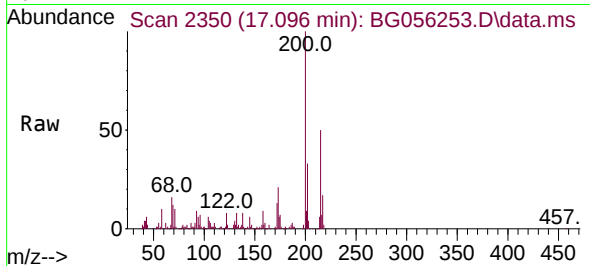
Tgt Ion:284 Resp: 201772
Ion Ratio Lower Upper
284 100
142 22.1 19.0 28.6
249 33.4 26.6 39.8





#69
 Atrazine
 Concen: 50.006 ng
 RT: 17.096 min Scan# 2352
 Delta R.T. 0.001 min
 Lab File: BG056253.D
 Acq: 11 Jan 2023 16:40

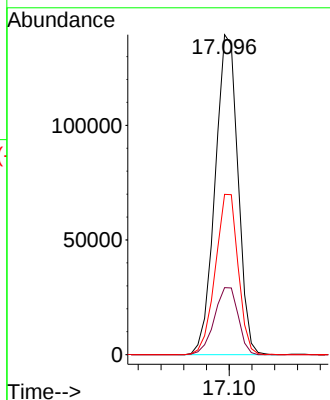
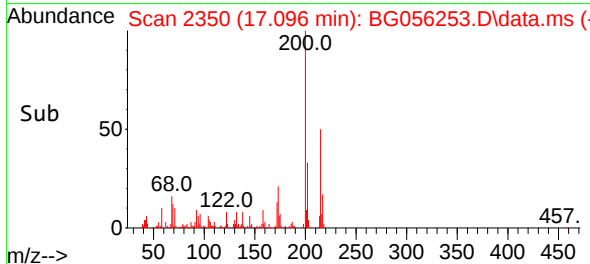
Instrument :
 BNA_G
 ClientSampleId :
 S4-03MS



Tgt Ion:200 Resp: 194558
 Ion Ratio Lower Upper
 200 100
 173 20.9 4.0 44.0
 215 50.1 29.1 69.1

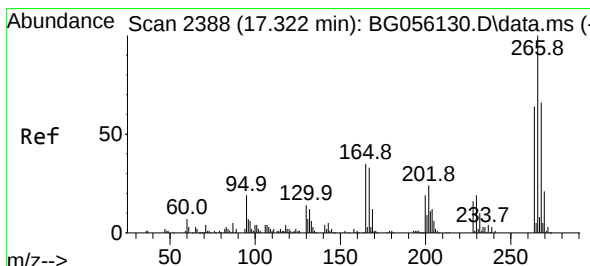
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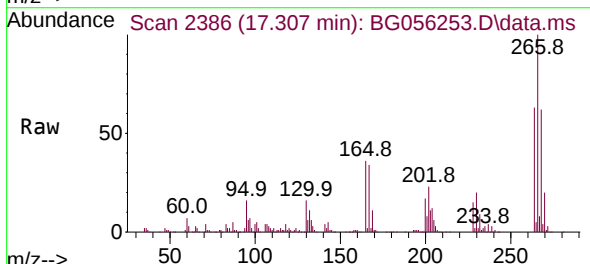


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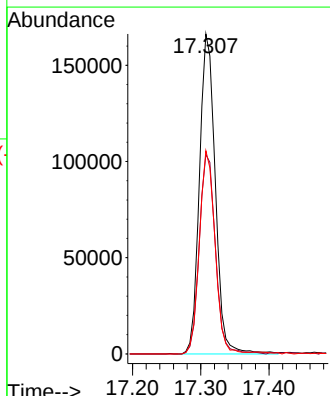
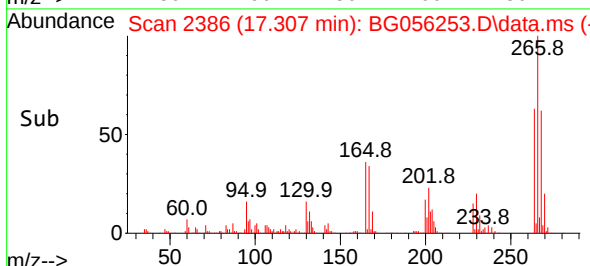
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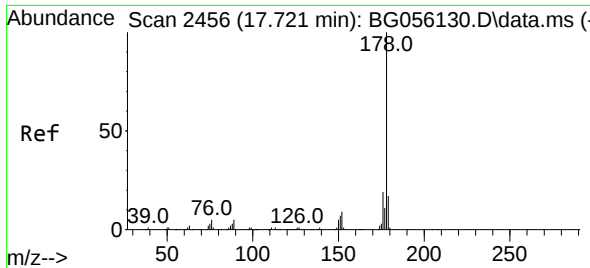


#70
 Pentachlorophenol
 Concen: 87.250 ng
 RT: 17.307 min Scan# 2386
 Delta R.T. 0.001 min
 Lab File: BG056253.D
 Acq: 11 Jan 2023 16:40



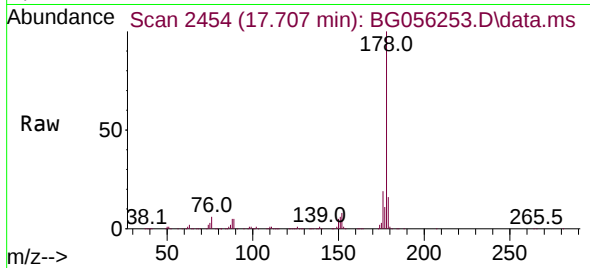
Tgt Ion:266 Resp: 269424
 Ion Ratio Lower Upper
 266 100
 268 62.3 53.0 79.4
 264 63.5 51.4 77.2





#71
Phenanthrene
Concen: 47.758 ng
RT: 17.707 min Scan# 2456
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

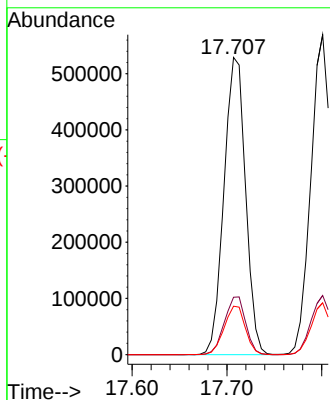
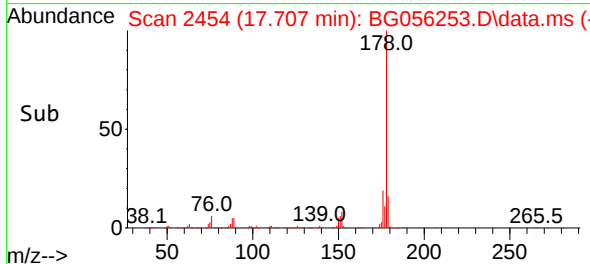
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:178 Resp: 837434
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.3 13.6 20.4

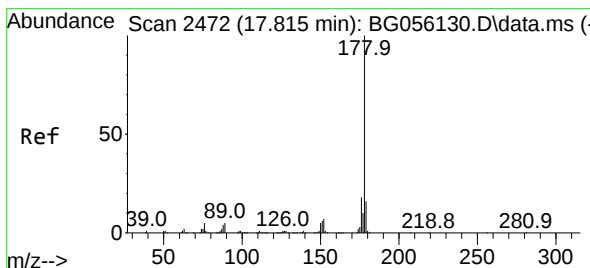
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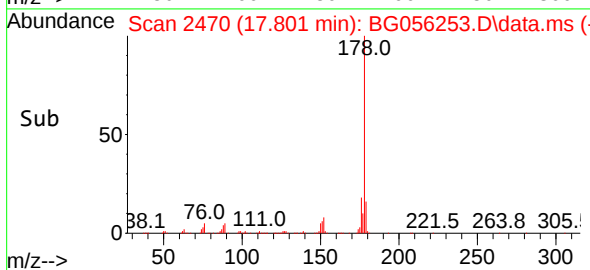
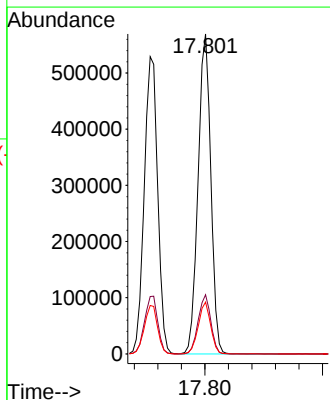
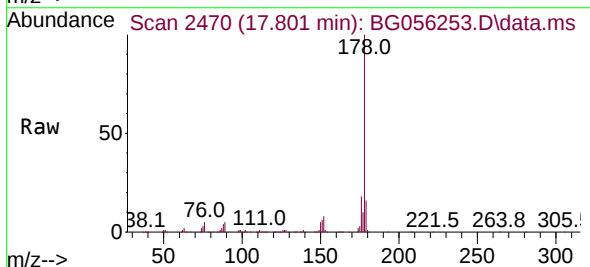
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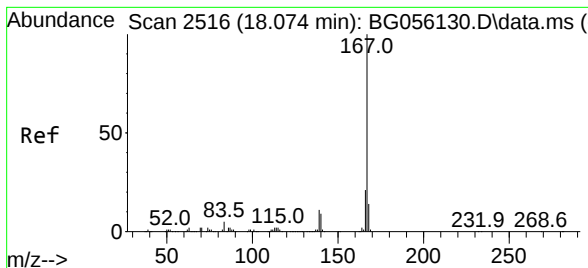
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#72
Anthracene
Concen: 47.291 ng
RT: 17.801 min Scan# 2470
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:178 Resp: 855415
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 16.2 12.7 19.1





#73

Carbazole

Concen: 49.412 ng

RT: 18.060 min Scan# 2516

Delta R.T. -0.005 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

Instrument :

BNA_G

ClientSampleId :

S4-03MS

Tgt Ion:167 Resp: 751286

Ion Ratio Lower Upper

167 100

166 21.3 16.8 25.2

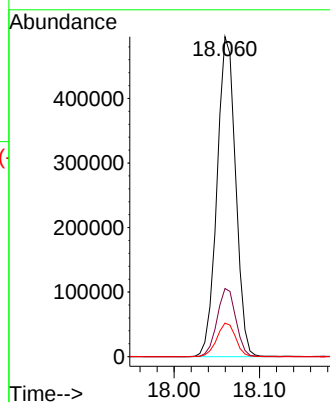
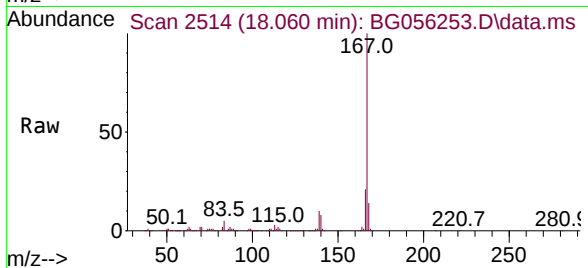
139 10.5 8.9 13.3

Manual Integrations

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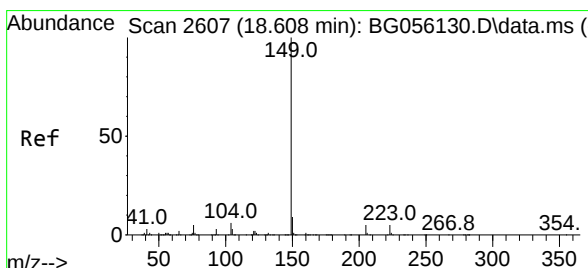
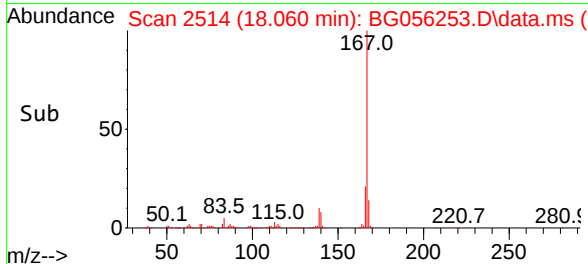
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Upadhyay

01/12/2023



#74

Di-n-butylphthalate

Concen: 49.885 ng

RT: 18.594 min Scan# 2605

Delta R.T. 0.001 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

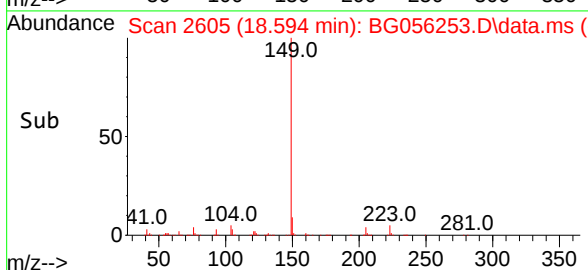
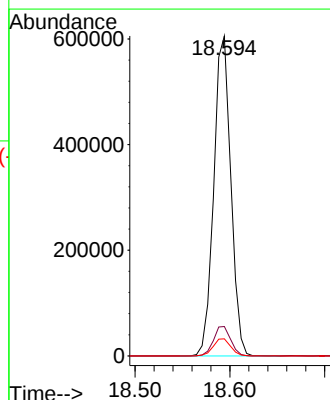
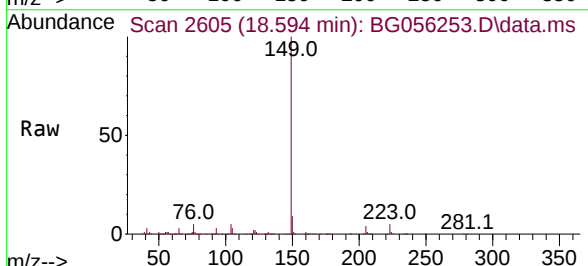
Tgt Ion:149 Resp: 756090

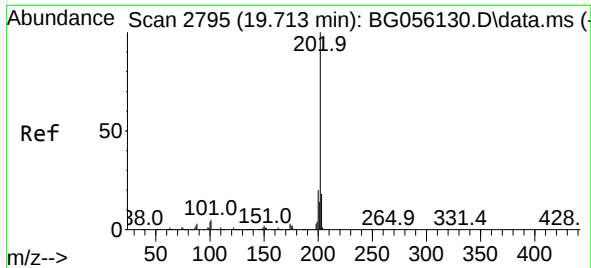
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

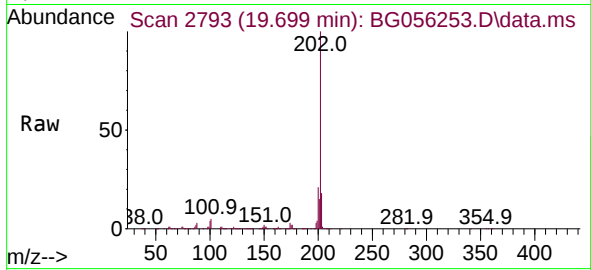
104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 47.859 ng
RT: 19.699 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

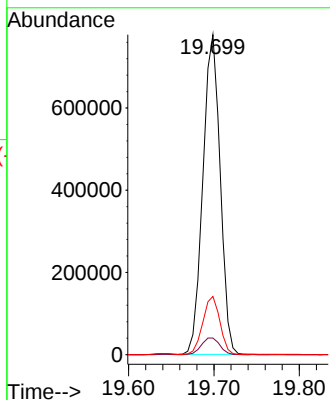
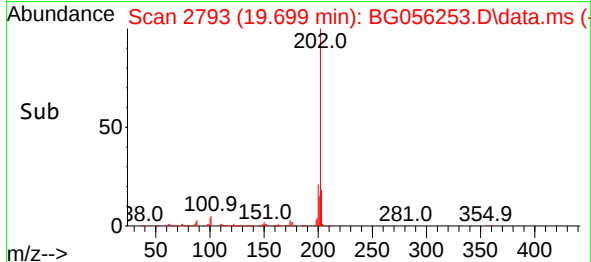
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:202 Resp: 1094655
Ion Ratio Lower Upper
202 100
101 5.2 0.0 25.0
203 18.2 0.0 38.0

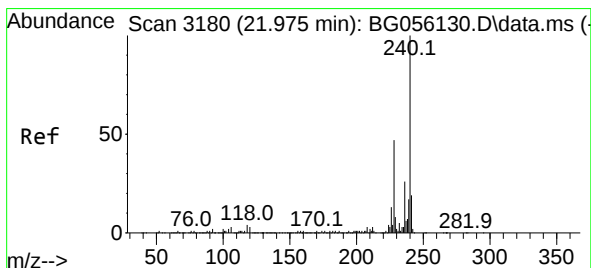
Manual Integrations
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Supervised By :Jagrut Upadhyay 01/12/2023



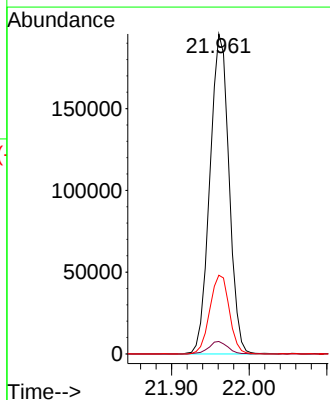
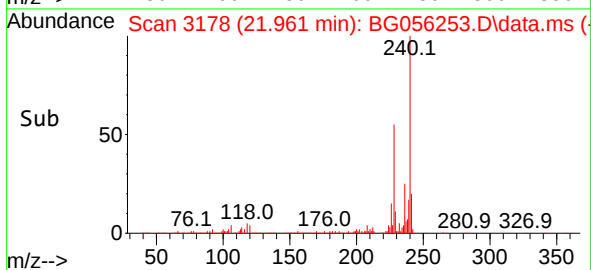
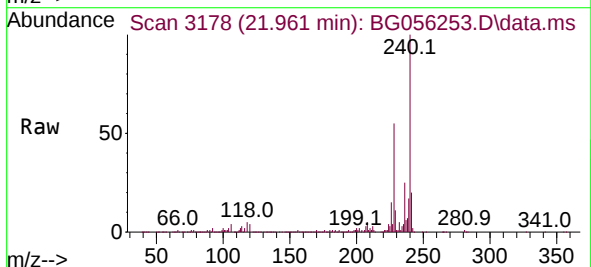
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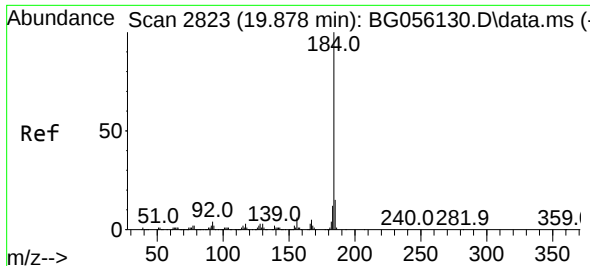
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.961 min Scan# 3178
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

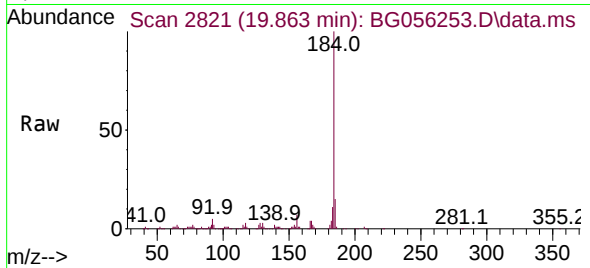
Tgt Ion:240 Resp: 335768
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 24.6 20.8 31.2





#77
Benzidine
Concen: 17.677 ng
RT: 19.863 min Scan# 2821
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

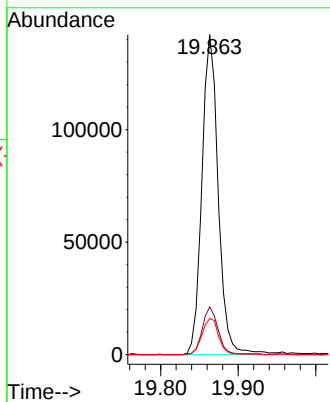
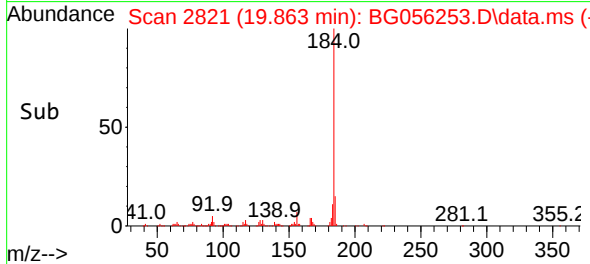
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:184 Resp: 207996
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.2
183 11.3 9.4 14.0

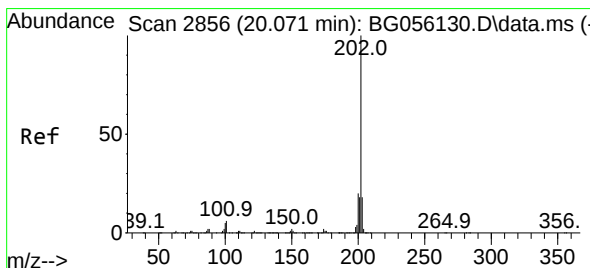
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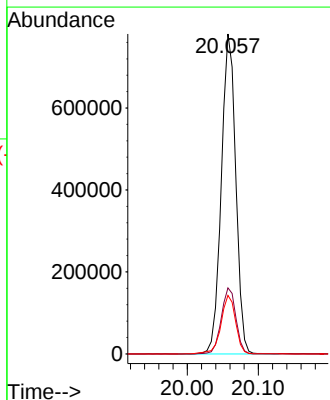
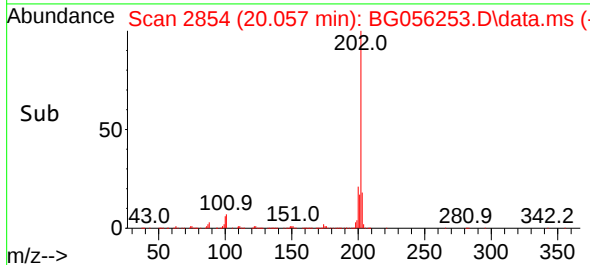
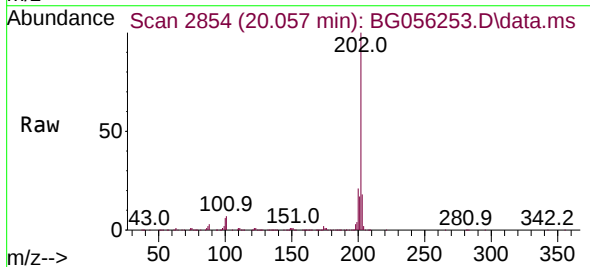
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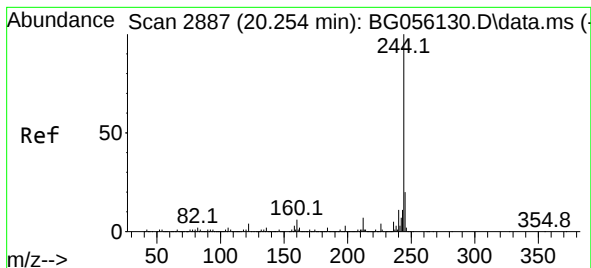
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#78
Pyrene
Concen: 46.710 ng
RT: 20.057 min Scan# 2854
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:202 Resp: 1105457
Ion Ratio Lower Upper
202 100
200 20.6 16.4 24.6
203 18.3 14.3 21.5





#79

Terphenyl-d14

Concen: 87.415 ng

RT: 20.239 min Scan# 2885

Delta R.T. 0.001 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

Instrument :

BNA_G

ClientSampleId :

S4-03MS

Tgt Ion:244 Resp: 163877

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

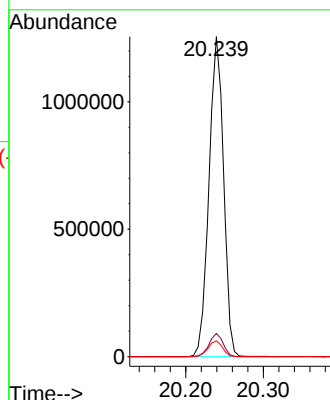
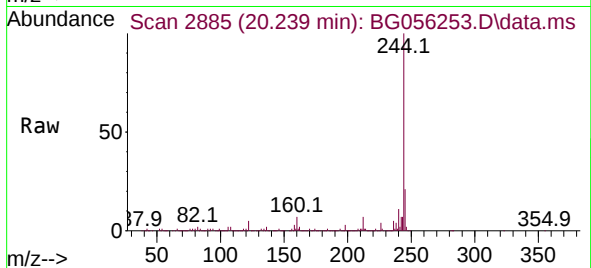
122 4.9 3.5 5.3

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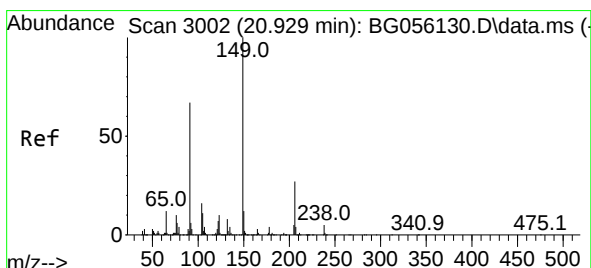
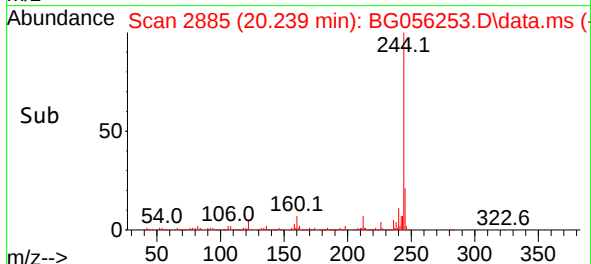
Reviewed By :Christian Giraldo 01/12/2023

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Upadhyay

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#80

Butylbenzylphthalate

Concen: 48.420 ng

RT: 20.921 min Scan# 3001

Delta R.T. 0.001 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

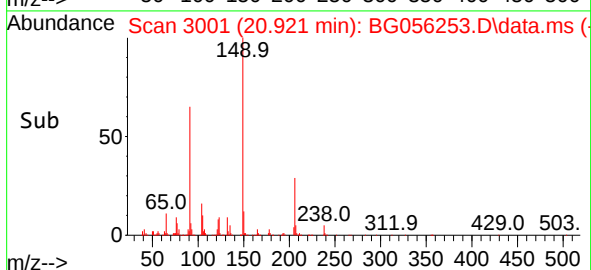
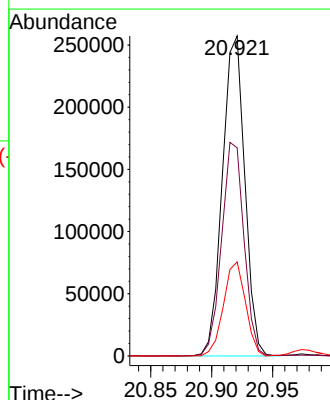
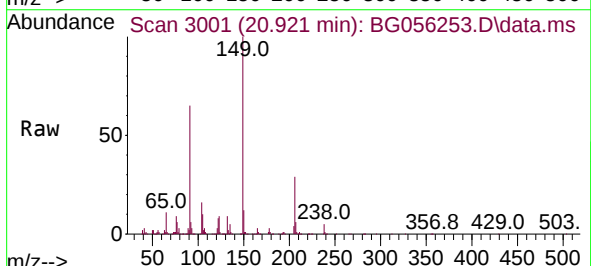
Tgt Ion:149 Resp: 328755

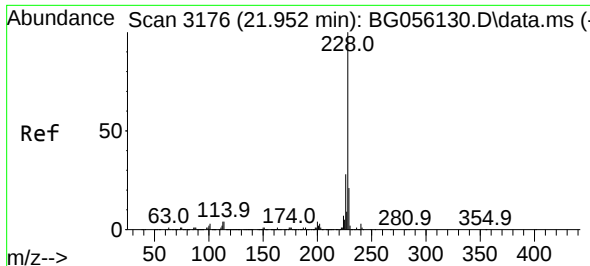
Ion Ratio Lower Upper

149 100

91 65.0 53.5 80.3

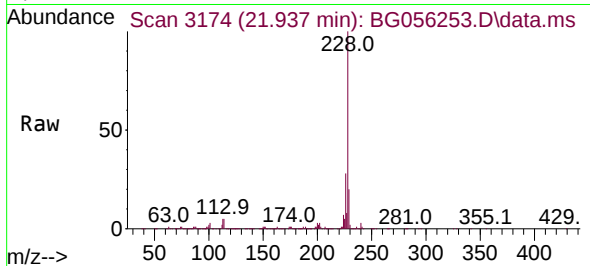
206 29.4 21.9 32.9





#81
Benzo(a)anthracene
Concen: 47.436 ng
RT: 21.937 min Scan# 3176
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

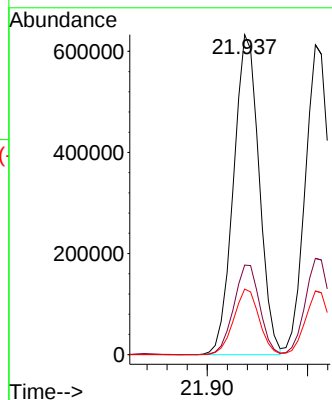
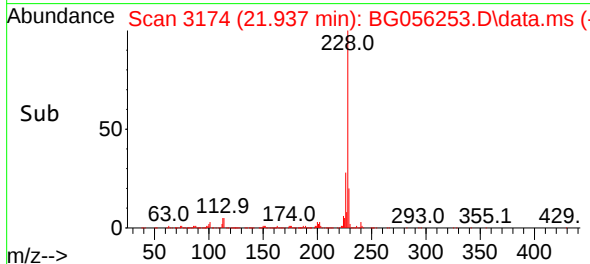
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:228 Resp: 1118702
Ion Ratio Lower Upper
228 100
226 28.0 22.6 34.0
229 20.5 16.9 25.3

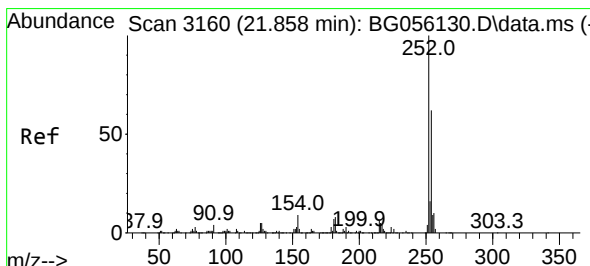
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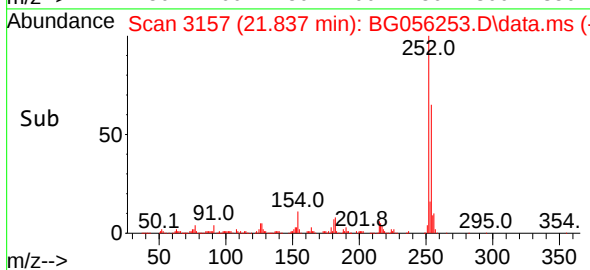
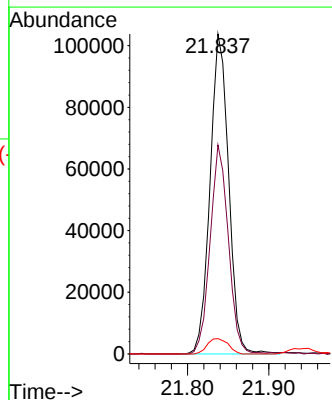
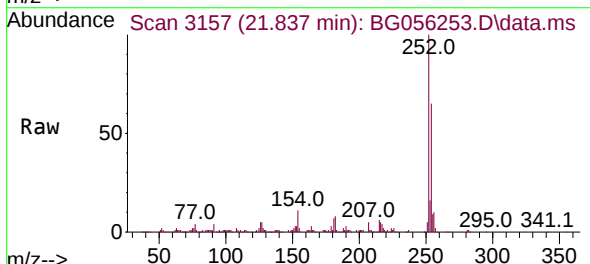
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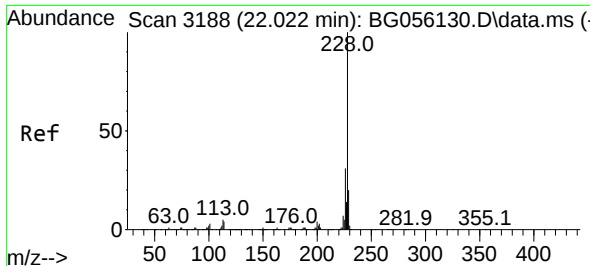
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#82
3,3'-Dichlorobenzidine
Concen: 19.440 ng
RT: 21.837 min Scan# 3157
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

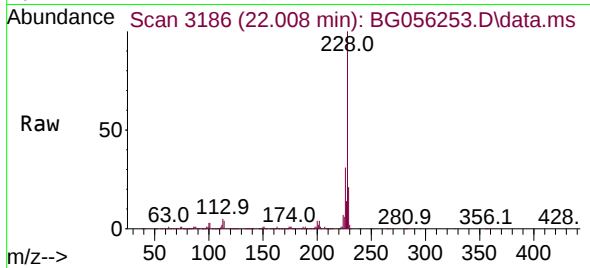
Tgt Ion:252 Resp: 165038
Ion Ratio Lower Upper
252 100
254 65.3 49.5 74.3
126 4.8 4.0 6.0





#83
Chrysene
Concen: 47.027 ng
RT: 22.008 min Scan# 3188
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

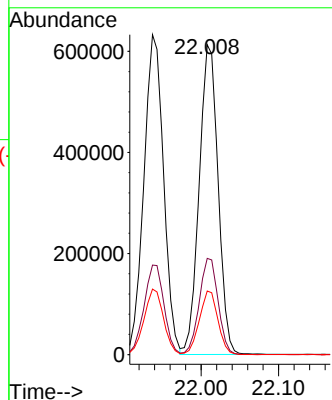
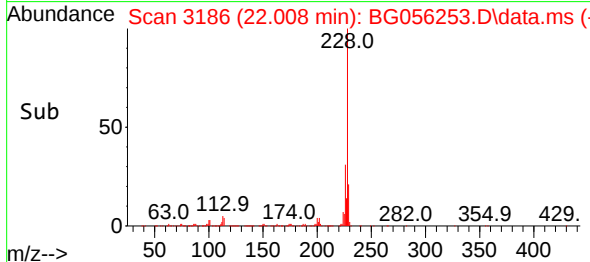
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:228 Resp: 103885
Ion Ratio Lower Upper
228 100
226 31.1 24.6 36.8
229 20.5 15.8 23.6

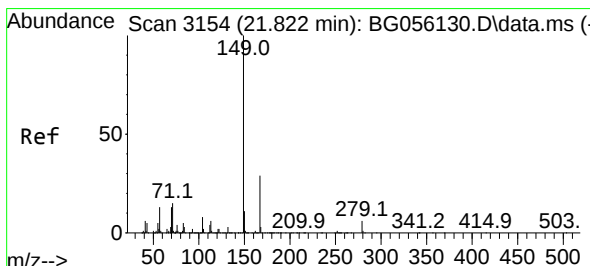
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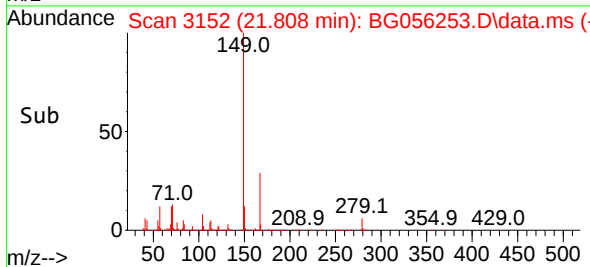
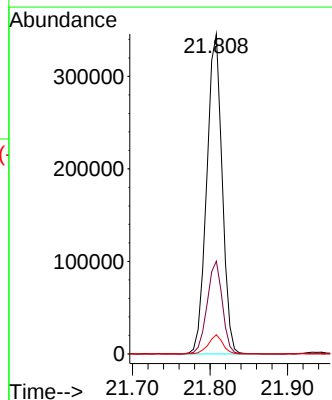
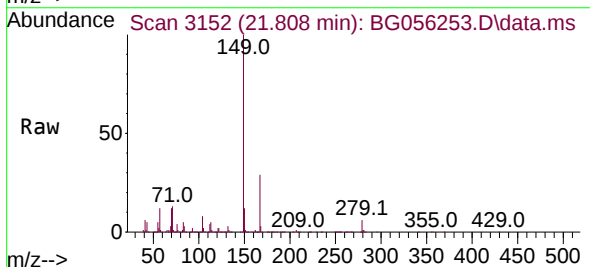
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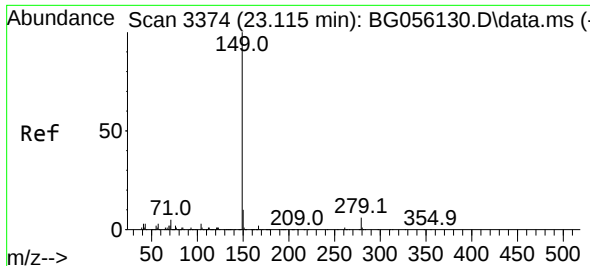
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.719 ng
RT: 21.808 min Scan# 3152
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

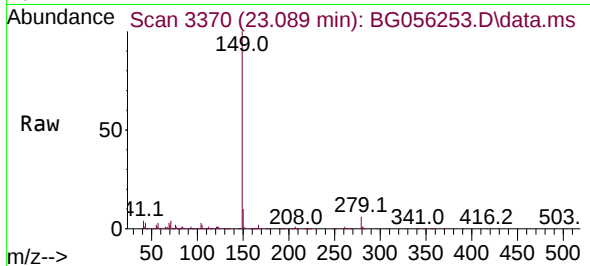
Tgt Ion:149 Resp: 476563
Ion Ratio Lower Upper
149 100
167 29.0 23.4 35.2
279 6.0 4.7 7.1





#85
Di-n-octyl phthalate
Concen: 49.178 ng
RT: 23.089 min Scan# 3374
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

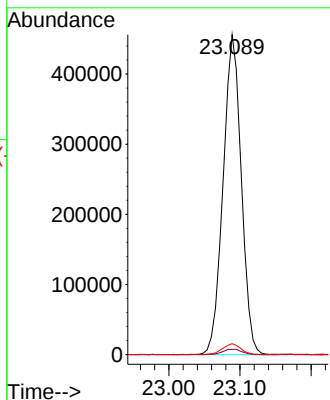
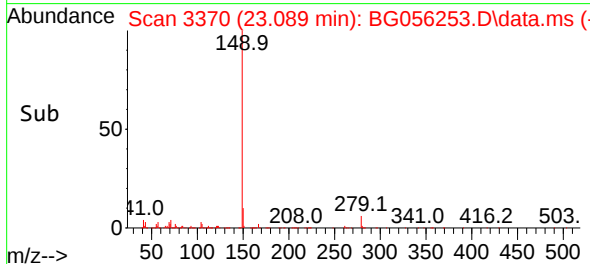
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:149 Resp: 812108
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 3.5 2.9 4.3

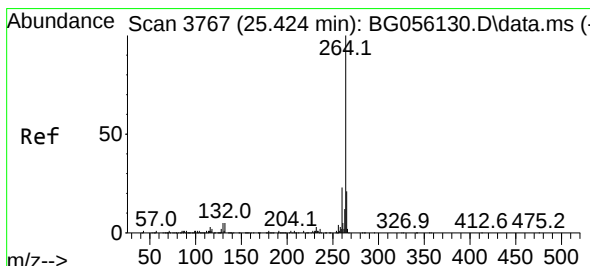
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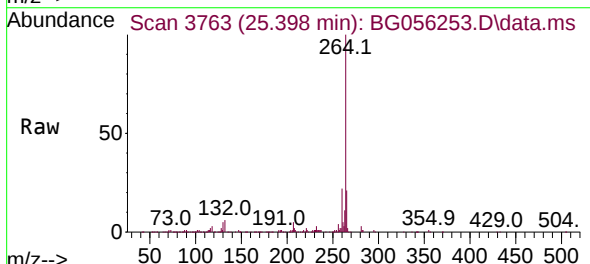


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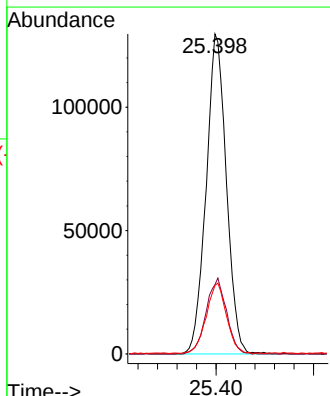
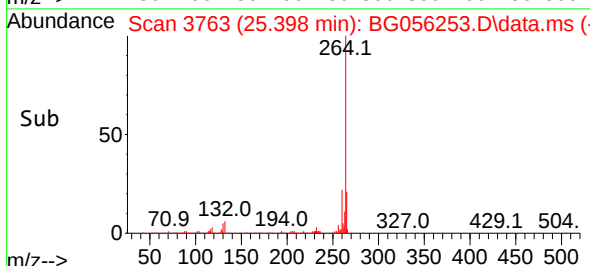
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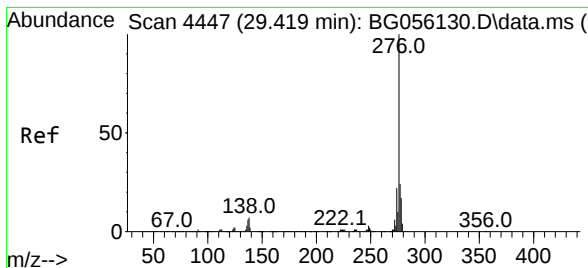


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.398 min Scan# 3763
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40



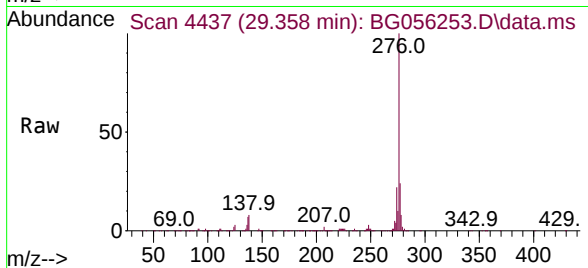
Tgt Ion:264 Resp: 373661
Ion Ratio Lower Upper
264 100
260 21.7 18.6 28.0
265 21.4 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.126 ng
RT: 29.358 min Scan# 4447
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

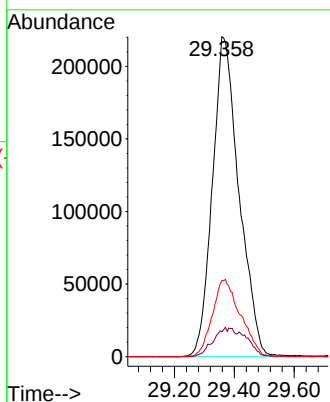
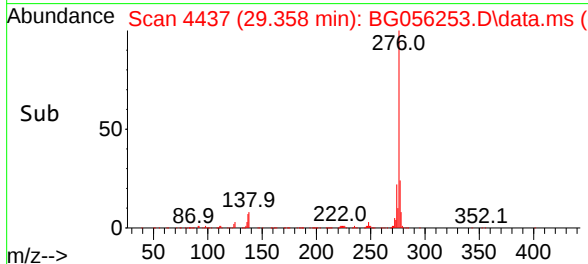
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:276 Resp: 1362188
Ion Ratio Lower Upper
276 100
138 4.8 5.0 7.4
277 25.5 20.5 30.7

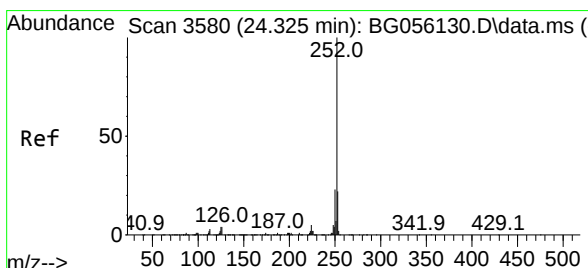
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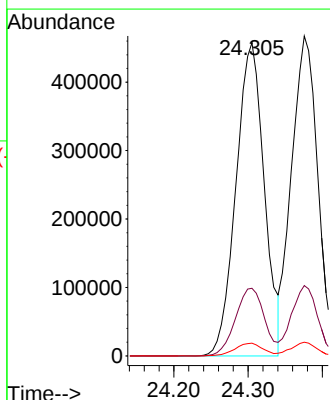
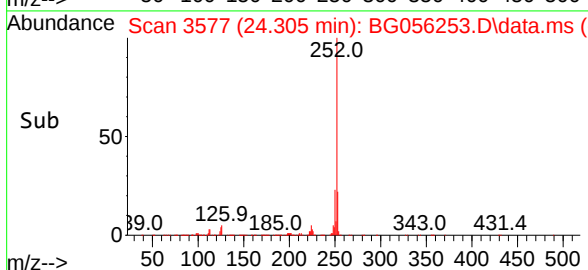
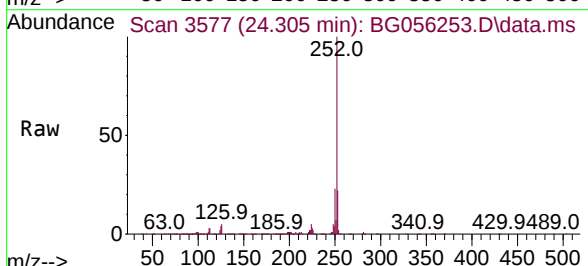
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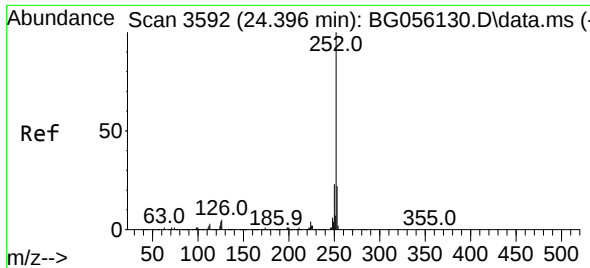
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#88
Benzo(b)fluoranthene
Concen: 51.020 ng
RT: 24.305 min Scan# 3577
Delta R.T. 0.007 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

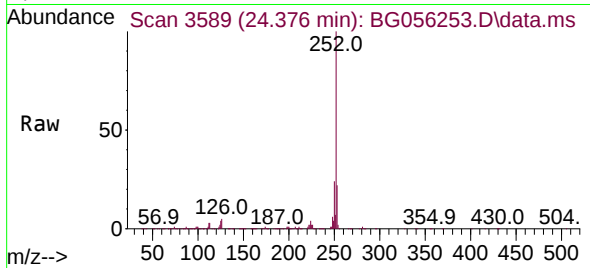
Tgt Ion:252 Resp: 1211278
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 4.1 3.0 4.4





#89
Benzo(k)fluoranthene
Concen: 48.409 ng
RT: 24.376 min Scan# 3592
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

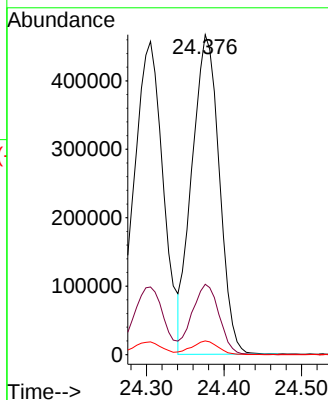
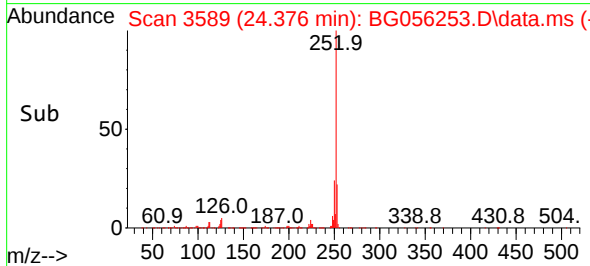
Instrument :
BNA_G
ClientSampleId :
S4-03MS



Tgt Ion:252 Resp: 114445
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 4.3 3.4 5.0

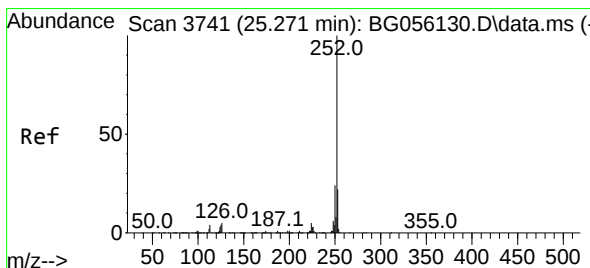
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Supervised By :Jagrut Upadhyay 01/12/2023



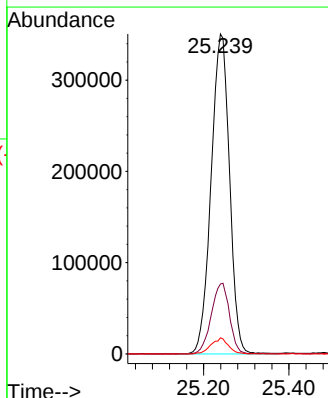
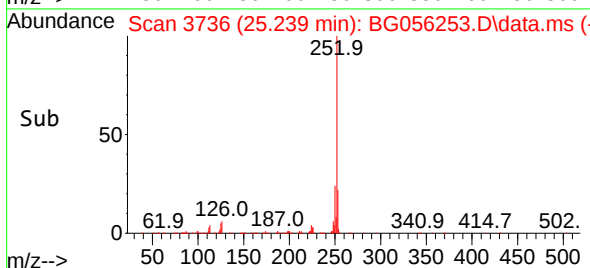
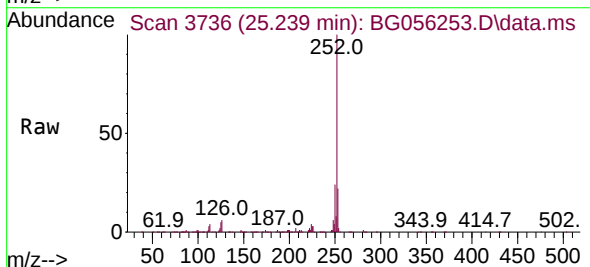
01/12/2023
Supervised By :Jagrut
Upadhyay

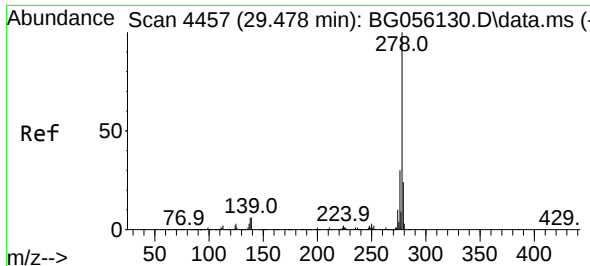
01/12/2023



#90
Benzo(a)pyrene
Concen: 45.343 ng
RT: 25.239 min Scan# 3736
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

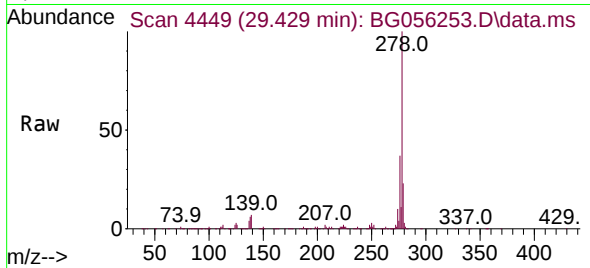
Tgt Ion:252 Resp: 1049955
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 5.0 3.2 4.8





#91
 Dibenzo(a,h)anthracene
 Concen: 49.855 ng
 RT: 29.429 min Scan# 4457
 Delta R.T. -0.005 min
 Lab File: BG056253.D
 Acq: 11 Jan 2023 16:40

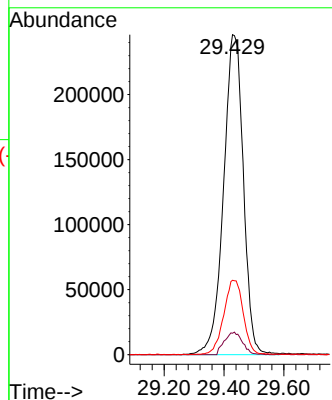
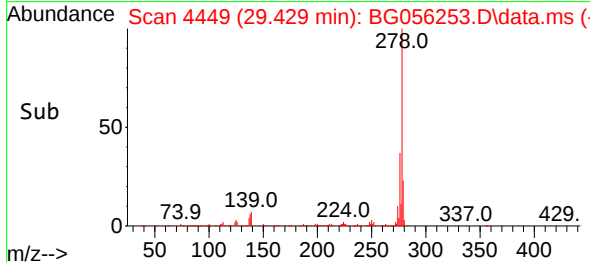
Instrument :
 BNA_G
 ClientSampleId :
 S4-03MS



Tgt Ion:278 Resp: 1135880
 Ion Ratio Lower Upper
 278 100
 139 6.7 4.8 7.2
 279 23.2 19.0 28.4

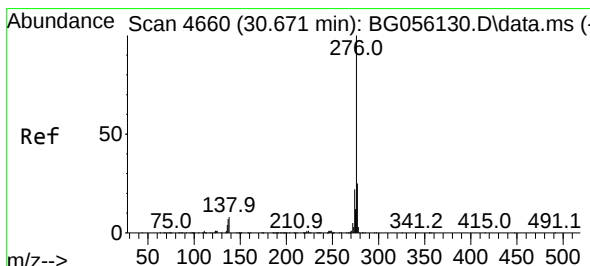
Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/12/2023
 Supervised By :Jagrut Upadhyay 01/12/2023



01/12/2023
 Supervised By :Jagrut
 Upadhyay

01/12/2023



#92
 Benzo(g,h,i)perylene
 Concen: 50.302 ng
 RT: 30.615 min Scan# 4651
 Delta R.T. 0.001 min
 Lab File: BG056253.D
 Acq: 11 Jan 2023 16:40

Tgt Ion:276 Resp: 1111379
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.7 29.5
 138 9.6 6.7 10.1

