

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056998.D
 Acq On : 5 Apr 2023 20:01
 Operator : CG/JU
 Sample : 02104-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-37-SB02MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/06/2023
 Supervised By : Jagrut Upadhyay 04/06/2023

Quant Time: Apr 06 02:03:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.409	152	14705	20.000	ng	-0.01
21) Naphthalene-d8	11.253	136	62371	20.000	ng	-0.01
39) Acenaphthene-d10	15.024	164	48456	20.000	ng	-0.01
64) Phenanthrene-d10	17.767	188	112969	20.000	ng	0.00
76) Chrysene-d12	22.091	240	91677	20.000	ng	0.00
86) Perylene-d12	25.633	264	100061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.919	112	112778	122.744	ng	0.00
7) Phenol-d6	7.546	99	168159	122.370	ng	0.00
23) Nitrobenzene-d5	9.590	82	107549	70.556	ng	0.00
42) 2,4,6-Tribromophenol	16.510	330	89517	115.640	ng	0.00
45) 2-Fluorobiphenyl	13.655	172	230522	64.510	ng	0.00
79) Terphenyl-d14	20.334	244	324491	59.894	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.722	88	14953	37.125	ng	# 94
3) Pyridine	4.145	79	43172	33.279	ng	95
4) n-Nitrosodimethylamine	4.051	42	25051	42.001	ng	91
6) Aniline	7.722	93	24765	14.097	ng	97
8) 2-Chlorophenol	7.969	128	48804	53.327	ng	98
9) Benzaldehyde	7.528	77	37014	42.944	ng	92
10) Phenol	7.569	94	70429	51.724	ng	97
11) bis(2-Chloroethyl)ether	7.810	93	42587	43.907	ng	97
12) 1,3-Dichlorobenzene	8.298	146	49235	48.688	ng	95
13) 1,4-Dichlorobenzene	8.450	146	50364	49.347	ng	97
14) 1,2-Dichlorobenzene	8.774	146	48661	49.350	ng	94
15) Benzyl Alcohol	8.644	79	54166	47.438	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.932	45	52707	45.090	ng	95
17) 2-Methylphenol	8.844	107	48525	49.951	ng	90
18) Hexachloroethane	9.514	117	18708	50.151	ng	92
19) n-Nitroso-di-n-propyla...	9.214	70	42774	43.518	ng	# 94
20) 3+4-Methylphenols	9.173	107	64117	47.200	ng	97
22) Acetophenone	9.244	105	80065	43.140	ng	# 97
24) Nitrobenzene	9.637	77	66960	42.966	ng	98
25) Isophorone	10.154	82	118556	40.844	ng	98
26) 2-Nitrophenol	10.354	139	28667	47.656	ng	93
27) 2,4-Dimethylphenol	10.389	122	50119	47.190	ng	98
28) bis(2-Chloroethoxy)met...	10.630	93	61419	42.265	ng	94
29) 2,4-Dichlorophenol	10.888	162	56542	49.502	ng	98
30) 1,2,4-Trichlorobenzene	11.112	180	55905	46.064	ng	99
31) Naphthalene	11.305	128	152257	44.786	ng	99
32) Benzoic acid	10.489	122	21810m	29.895	ng	
33) 4-Chloroaniline	11.399	127	19134	12.462	ng	# 92
34) Hexachlorobutadiene	11.582	225	41321	45.325	ng	93
35) Caprolactam	12.181	113	18533	47.049	ng	# 86
36) 4-Chloro-3-methylphenol	12.492	107	59635	46.686	ng	100
37) 2-Methylnaphthalene	12.880	142	114880	42.577	ng	99
38) 1-Methylnaphthalene	13.097	142	108208	42.709	ng	98
40) 1,2,4,5-Tetrachloroben...	13.244	216	79187	47.126	ng	99
41) Hexachlorocyclopentadiene	13.215	237	85722	92.591	ng	99
43) 2,4,6-Trichlorophenol	13.467	196	53708	50.088	ng	98

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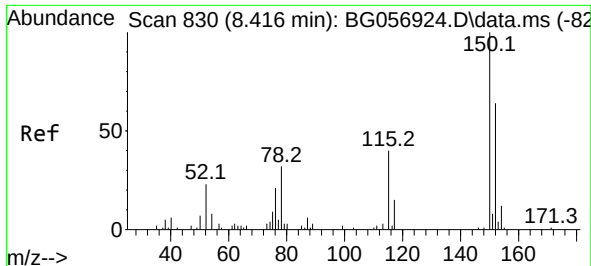
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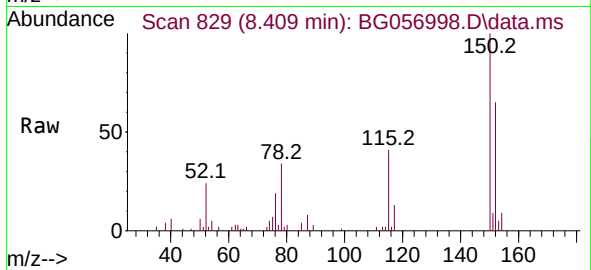
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.544	196	58340	45.927	ng	95
46) 1,1'-Biphenyl	13.867	154	165520	46.663	ng	98
47) 2-Chloronaphthalene	13.914	162	125178	47.715	ng	98
48) 2-Nitroaniline	14.108	65	42589	45.401	ng	97
49) Acenaphthylene	14.754	152	192469	44.653	ng	99
50) Dimethylphthalate	14.460	163	165983	43.474	ng	98
51) 2,6-Dinitrotoluene	14.589	165	37261	45.170	ng	96
52) Acenaphthene	15.094	154	156568m	52.668	ng	
53) 3-Nitroaniline	14.918	138	14557	17.828	ng	91
54) 2,4-Dinitrophenol	15.130	184	47449	102.192	ng	93
55) Dibenzofuran	15.423	168	200185	44.867	ng	97
56) 4-Nitrophenol	15.218	139	59285	98.189	ng	89
57) 2,4-Dinitrotoluene	15.371	165	52436	45.069	ng	99
58) Fluorene	16.070	166	165442	44.810	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.641	232	55947	48.373	ng	# 99
60) Diethylphthalate	15.811	149	166521	43.506	ng	98
61) 4-Chlorophenyl-phenyle...	16.046	204	96231	44.393	ng	98
62) 4-Nitroaniline	16.081	138	36166	42.751	ng	93
63) Azobenzene	16.340	77	172194	45.143	ng	99
65) 4,6-Dinitro-2-methylph...	16.134	198	36162	52.854	ng	98
66) n-Nitrosodiphenylamine	16.263	169	139857	46.118	ng	96
67) 4-Bromophenyl-phenylether	16.939	248	63693	45.567	ng	97
68) Hexachlorobenzene	17.068	284	68310	49.431	ng	100
69) Atrazine	17.192	200	60089	47.734	ng	96
70) Pentachlorophenol	17.409	266	85317	86.056	ng	98
71) Phenanthrene	17.808	178	285228	49.521	ng	99
72) Anthracene	17.902	178	269388	45.625	ng	98
73) Carbazole	18.161	167	236543	45.949	ng	96
74) Di-n-butylphthalate	18.684	149	261889	43.932	ng	99
75) Fluoranthene	19.794	202	329896	45.183	ng	98
77) Benzidine	19.958	184	68426	27.307	ng	98
78) Pyrene	20.158	202	323424	51.006	ng	98
80) Butylbenzylphthalate	21.016	149	106835	48.962	ng	95
81) Benzo(a)anthracene	22.067	228	301176	47.474	ng	100
82) 3,3'-Dichlorobenzidine	21.962	252	53033	24.756	ng	99
83) Chrysene	22.138	228	279783	47.101	ng	100
84) Bis(2-ethylhexyl)phtha...	21.920	149	147141	46.569	ng	98
85) Di-n-octyl phthalate	23.236	149	244376	45.897	ng	99
87) Indeno(1,2,3-cd)pyrene	29.728	276	351740	47.565	ng	# 76
88) Benzo(b)fluoranthene	24.499	252	306482	48.981	ng	99
89) Benzo(k)fluoranthene	24.576	252	294970	47.220	ng	98
90) Benzo(a)pyrene	25.469	252	267441	43.496	ng	# 99
91) Dibenzo(a,h)anthracene	29.792	278	289868	47.687	ng	100
92) Benzo(g,h,i)perylene	31.032	276	282032	47.384	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.409 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

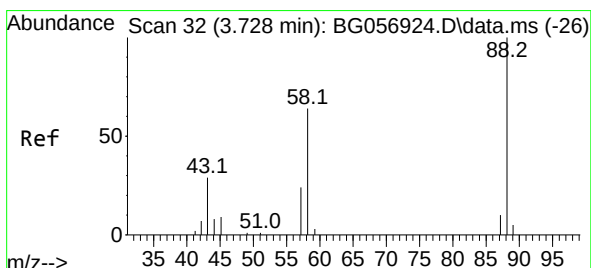
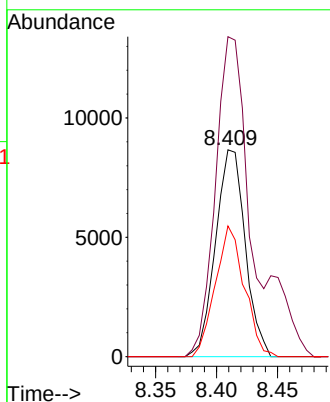
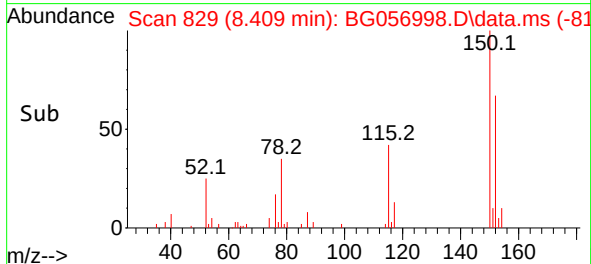
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MS



Tgt Ion:152 Resp: 14705
Ion Ratio Lower Upper
152 100
150 154.7 124.1 186.1
115 63.1 49.1 73.7

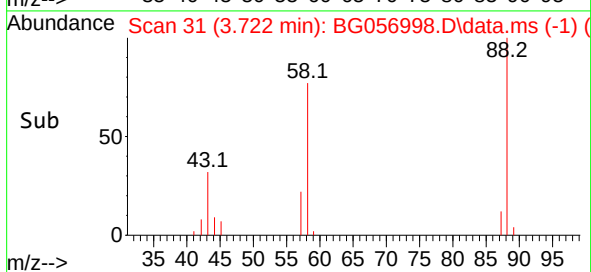
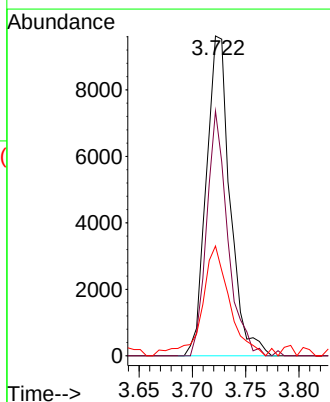
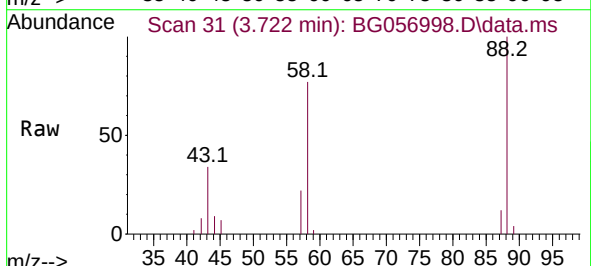
Manual Integrations
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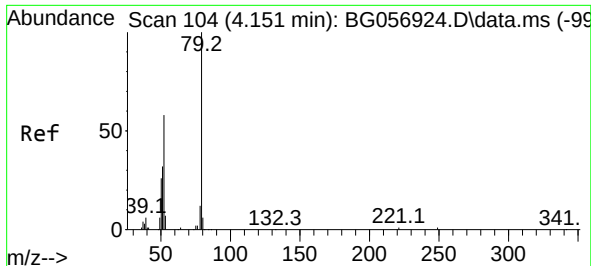
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#2
1,4-Dioxane
Concen: 37.125 ng
RT: 3.722 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

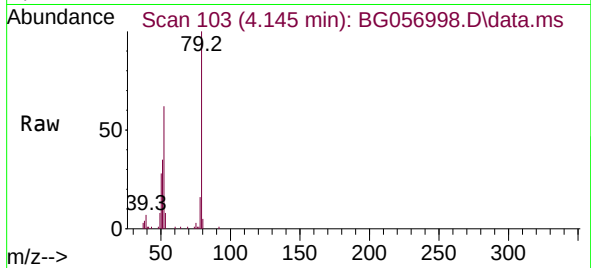
Tgt Ion: 88 Resp: 14953
Ion Ratio Lower Upper
88 100
58 67.7 55.9 83.9
43 39.6 25.7 38.5





#3
Pyridine
Concen: 33.279 ng
RT: 4.145 min Scan# 104
Delta R.T. -0.010 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

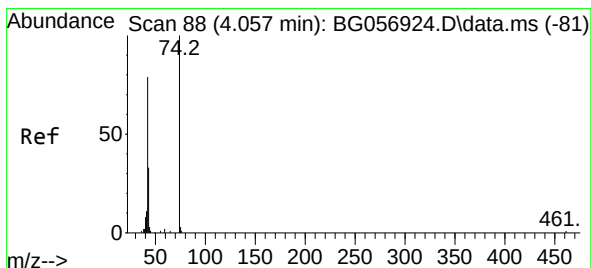
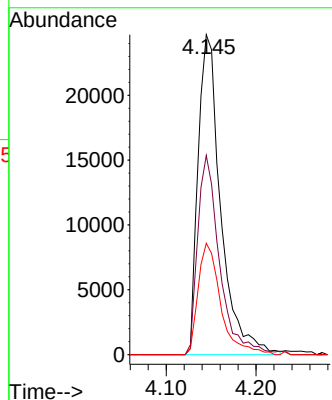
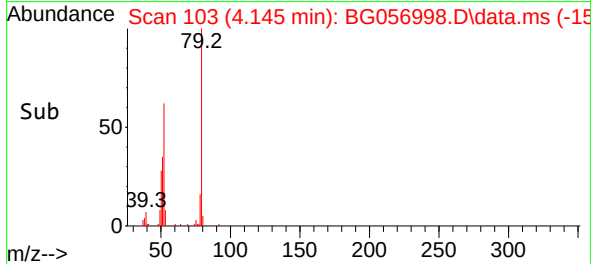
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MS



Tgt Ion: 79 Resp: 43172
Ion Ratio Lower Upper
79 100
52 62.2 46.1 69.1
51 34.8 26.1 39.1

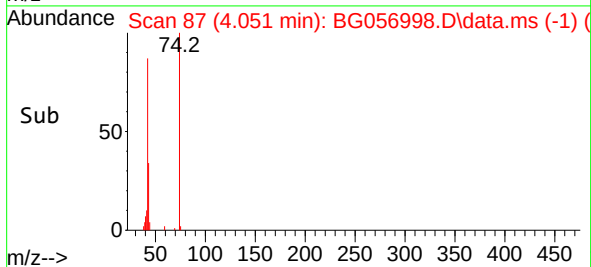
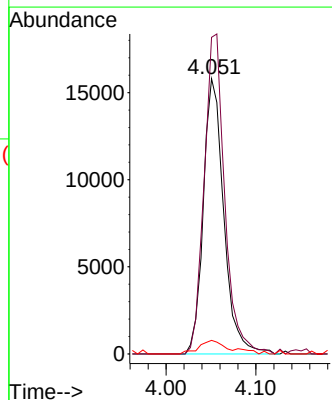
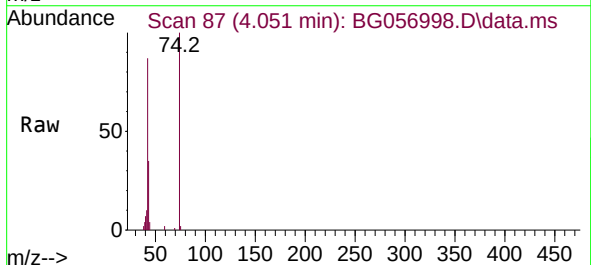
Manual Integrations
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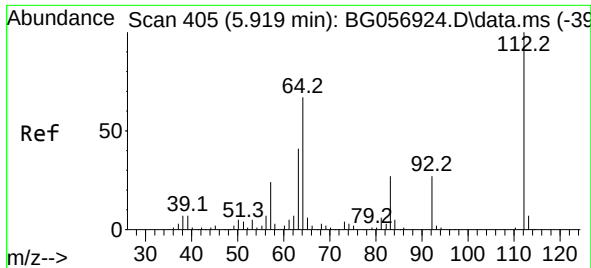
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#4
n-Nitrosodimethylamine
Concen: 42.001 ng
RT: 4.051 min Scan# 87
Delta R.T. -0.010 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion: 42 Resp: 25051
Ion Ratio Lower Upper
42 100
74 115.1 100.6 151.0
44 4.9 4.6 7.0





#5
2-Fluorophenol
Concen: 122.744 ng
RT: 5.919 min Scan# 405
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

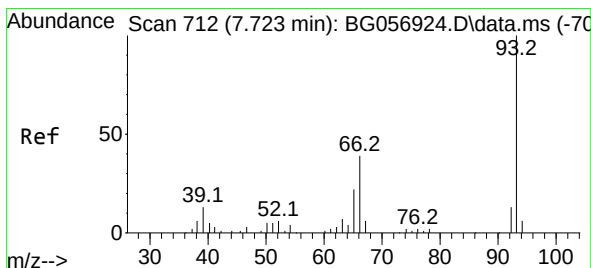
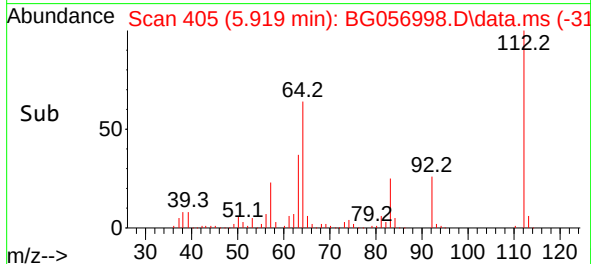
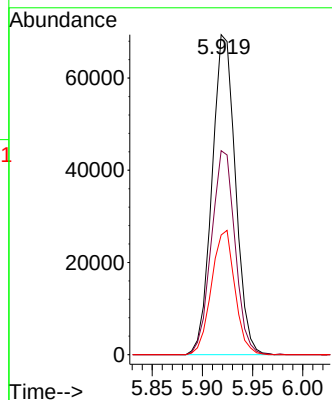
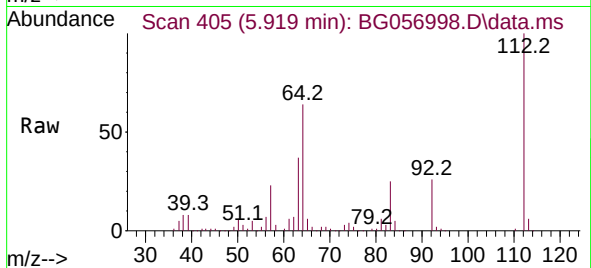
B-37-SB02MS

Tgt Ion:112 Resp: 112778
Ion Ratio Lower Upper
112 100
64 63.7 53.2 79.8
63 37.4 32.6 48.8

Manual Integrations

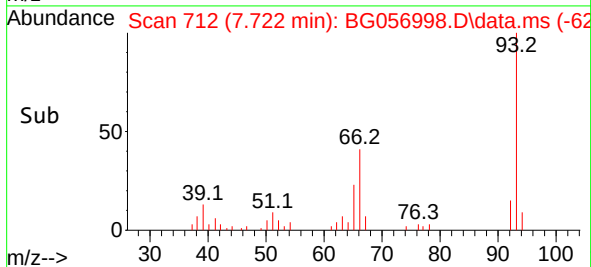
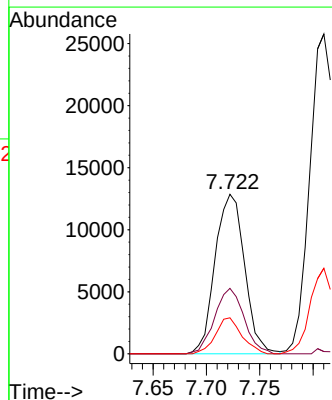
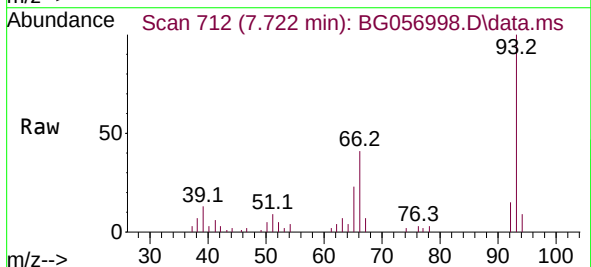
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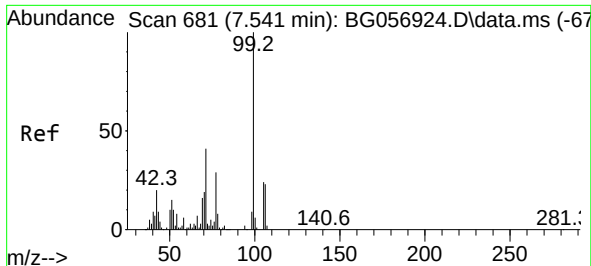
Reviewed By :Christian Giraldo 04/06/2023
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#6
Aniline
Concen: 14.097 ng
RT: 7.722 min Scan# 712
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

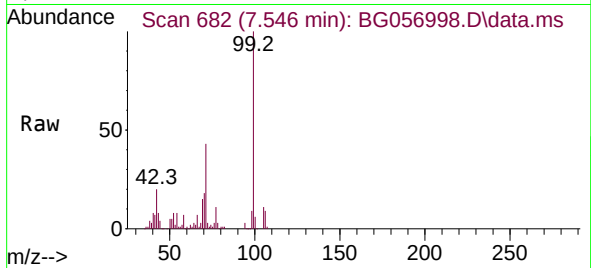
Tgt Ion: 93 Resp: 24765
Ion Ratio Lower Upper
93 100
66 41.0 31.4 47.0
65 22.6 17.3 25.9





#7
Phenol-d6
Concen: 122.370 ng
RT: 7.546 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

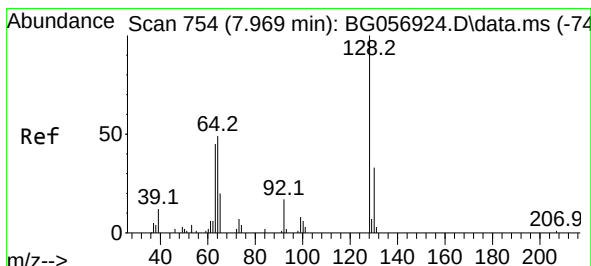
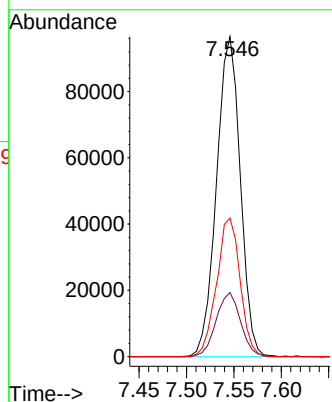
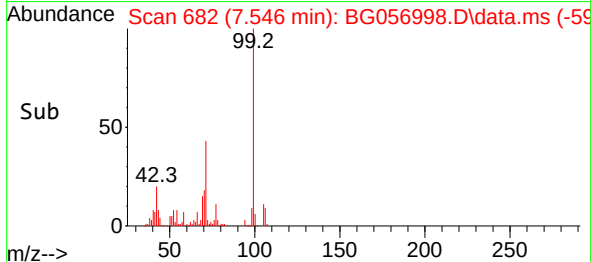
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Tgt Ion: 99 Resp: 168159
Ion Ratio Lower Upper
99 100
42 20.0 15.7 23.5
71 43.3 32.5 48.7

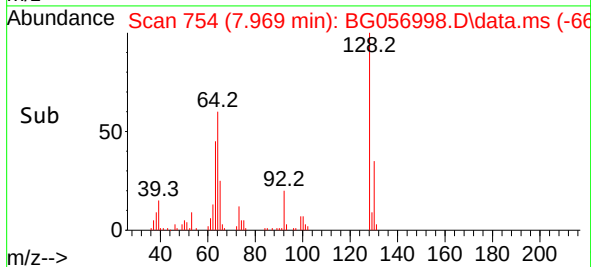
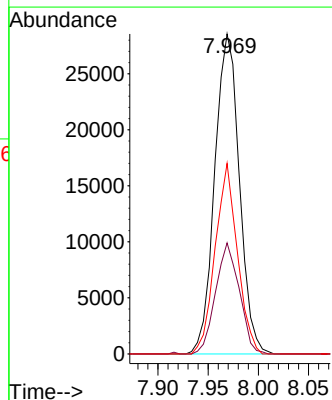
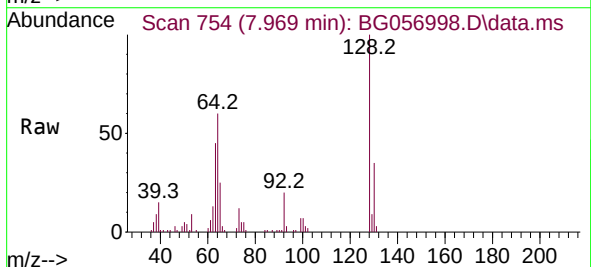
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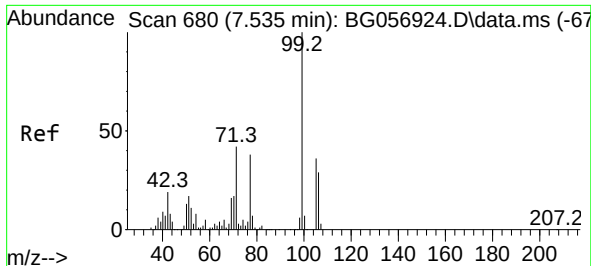
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#8
2-Chlorophenol
Concen: 53.327 ng
RT: 7.969 min Scan# 754
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion:128 Resp: 48804
Ion Ratio Lower Upper
128 100
130 34.7 12.6 52.6
64 59.5 40.6 80.6





#9
Benzaldehyde
Concen: 42.944 ng
RT: 7.528 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

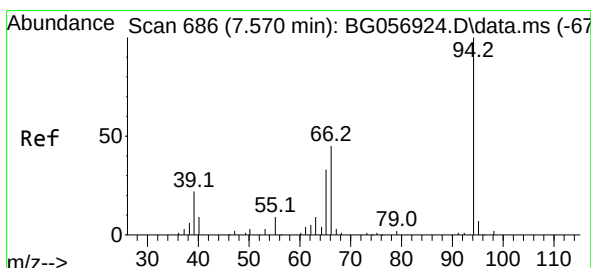
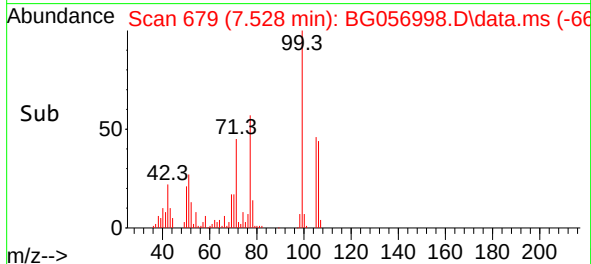
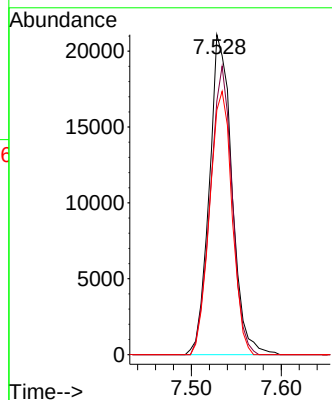
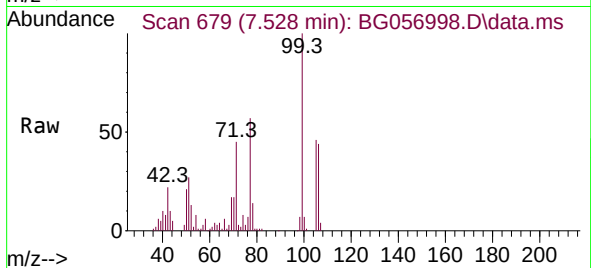
B-37-SB02MS

Tgt Ion: 77 Resp: 37014
Ion Ratio Lower Upper
77 100
105 79.2 73.6 113.6
106 76.4 56.7 96.7

Manual Integrations

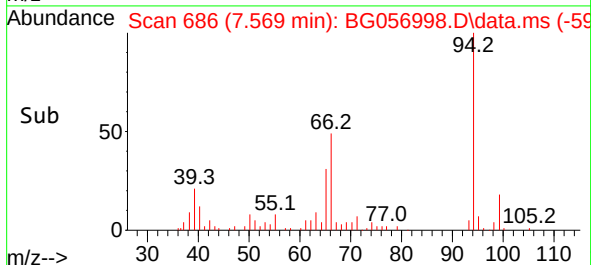
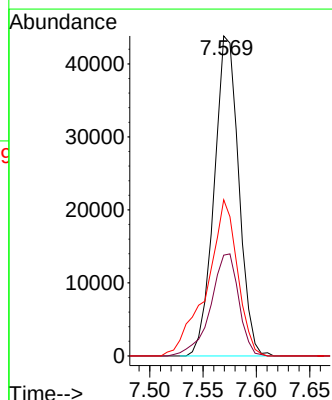
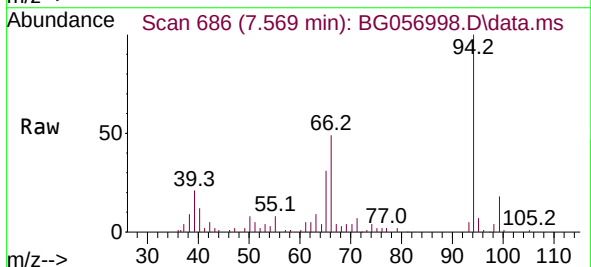
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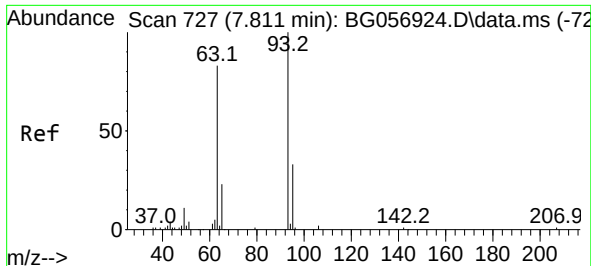
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#10
Phenol
Concen: 51.724 ng
RT: 7.569 min Scan# 686
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

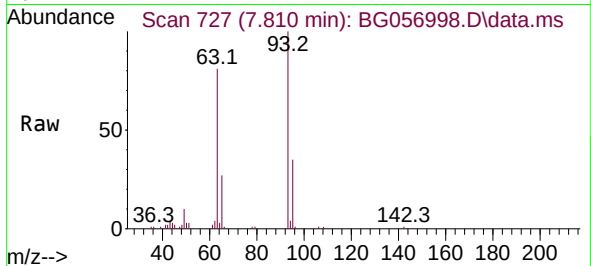
Tgt Ion: 94 Resp: 70429
Ion Ratio Lower Upper
94 100
65 31.5 13.3 53.3
66 48.8 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 43.907 ng
RT: 7.810 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

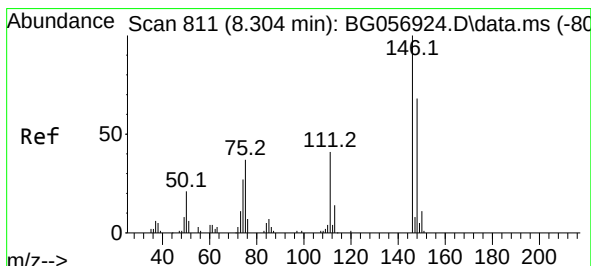
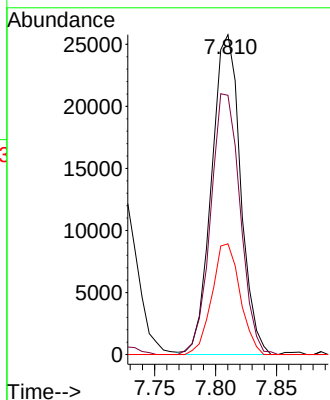
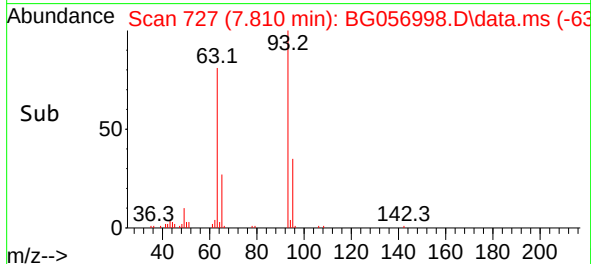
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MS



Tgt Ion: 93 Resp: 4258
Ion Ratio Lower Upper
93 100
63 81.0 62.7 102.7
95 34.6 12.3 52.3

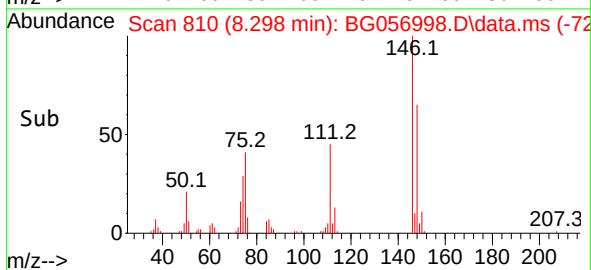
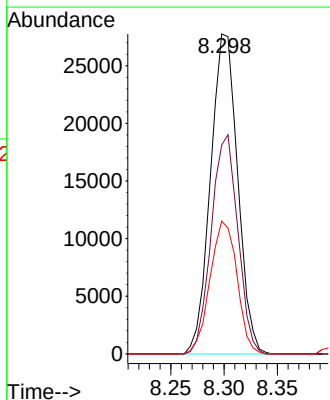
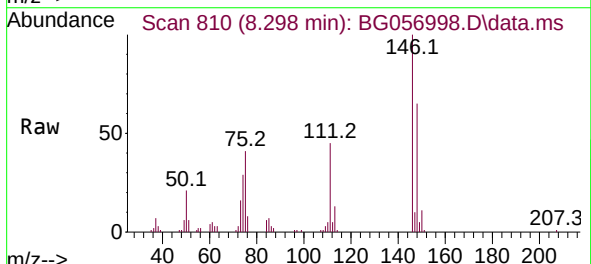
Manual Integrations
APPROVED

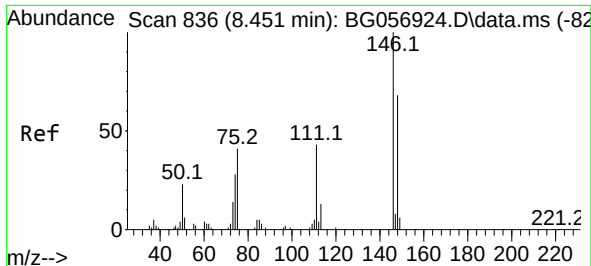
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#12
1,3-Dichlorobenzene
Concen: 48.688 ng
RT: 8.298 min Scan# 810
Delta R.T. -0.010 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

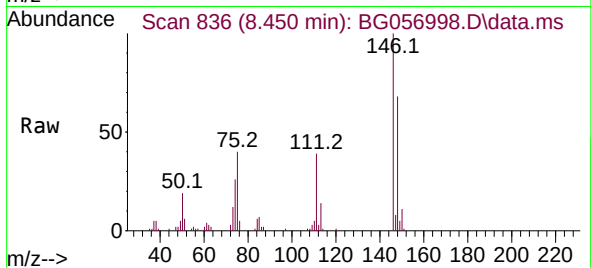
Tgt Ion:146 Resp: 49235
Ion Ratio Lower Upper
146 100
148 65.3 54.2 81.4
75 41.5 29.8 44.8





#13
1,4-Dichlorobenzene
Concen: 49.347 ng
RT: 8.450 min Scan# 836
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

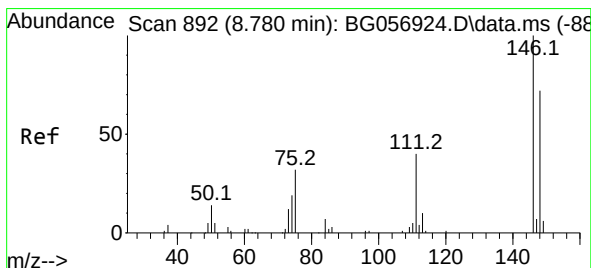
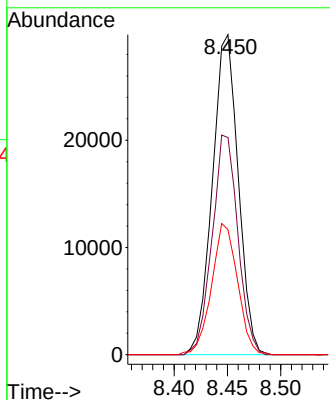
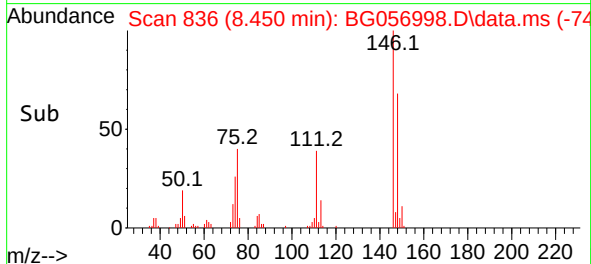
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MS



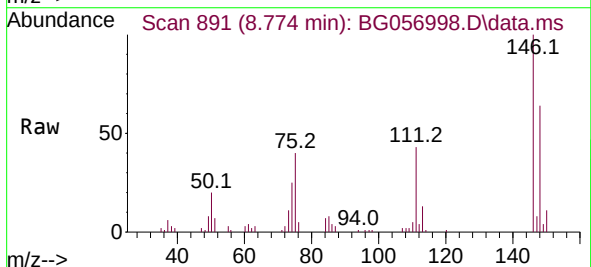
Tgt Ion:146 Resp: 50364
Ion Ratio Lower Upper
146 100
148 67.8 54.8 82.2
111 39.0 34.6 52.0

Manual Integrations
APPROVED

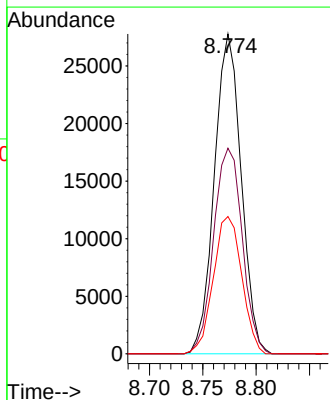
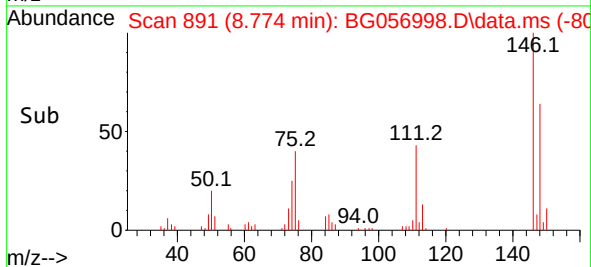
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

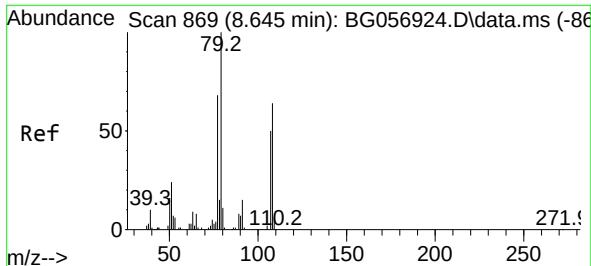


#14
1,2-Dichlorobenzene
Concen: 49.350 ng
RT: 8.774 min Scan# 891
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01



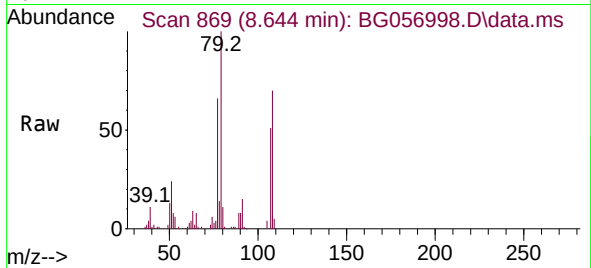
Tgt Ion:146 Resp: 48661
Ion Ratio Lower Upper
146 100
148 64.3 57.4 86.0
111 42.9 33.2 49.8





#15
Benzyl Alcohol
Concen: 47.438 ng
RT: 8.644 min Scan# 869
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

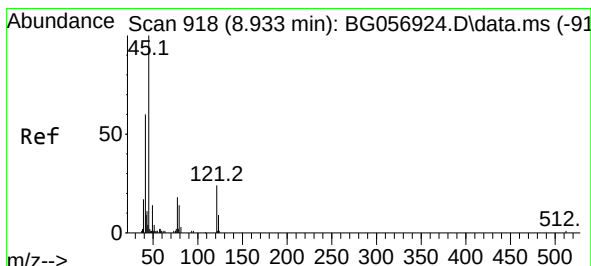
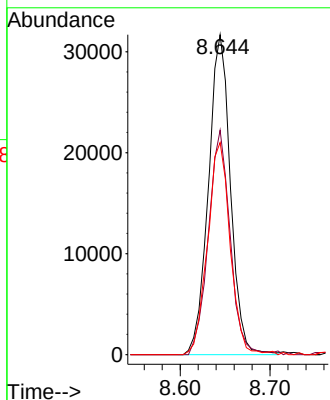
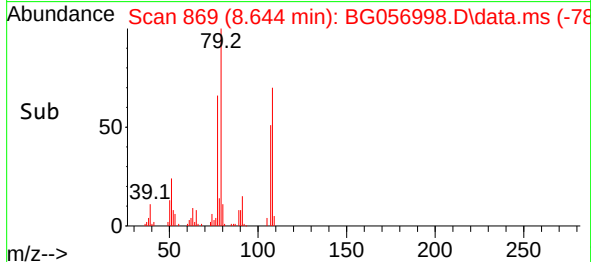
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MS



Tgt Ion: 79 Resp: 54166
Ion Ratio Lower Upper
79 100
108 70.1 51.2 76.8
77 66.3 54.4 81.6

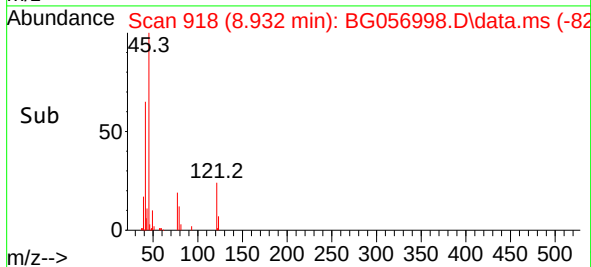
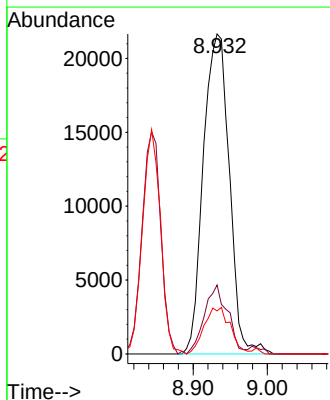
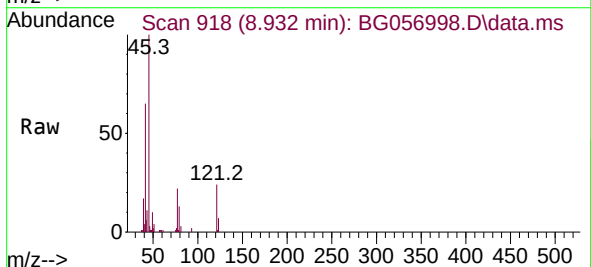
Manual Integrations
APPROVED

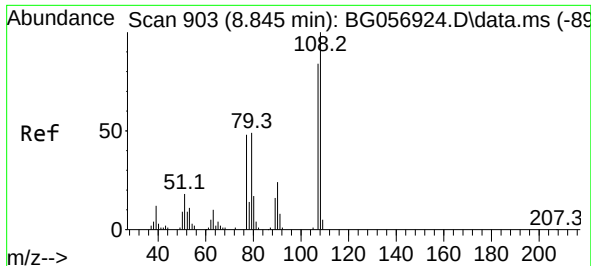
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.090 ng
RT: 8.932 min Scan# 918
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion: 45 Resp: 52707
Ion Ratio Lower Upper
45 100
77 21.5 0.0 38.7
79 13.4 0.0 35.1





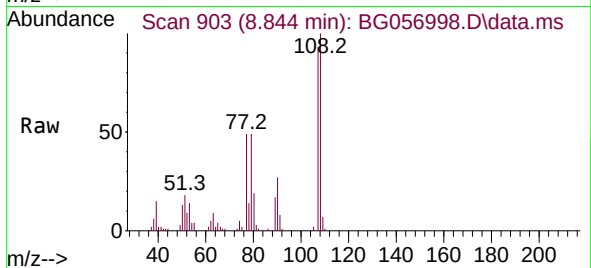
#17
2-Methylphenol
Concen: 49.951 ng
RT: 8.844 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MS

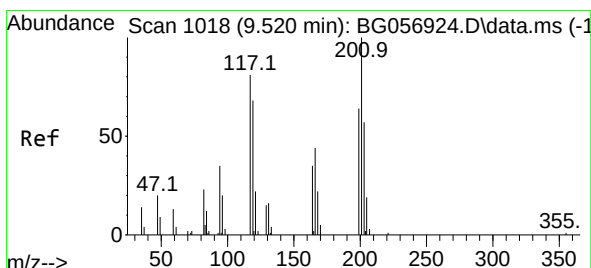
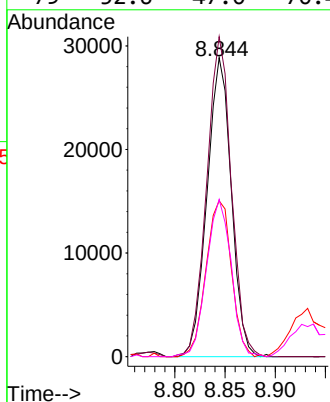
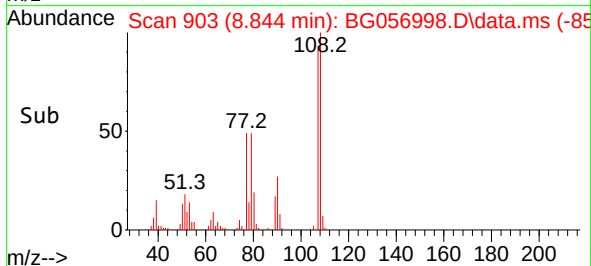


Tgt Ion:107 Resp: 48525
Ion Ratio Lower Upper
107 100
108 107.0 96.0 144.0
77 52.1 45.6 68.4
79 52.6 47.0 70.4

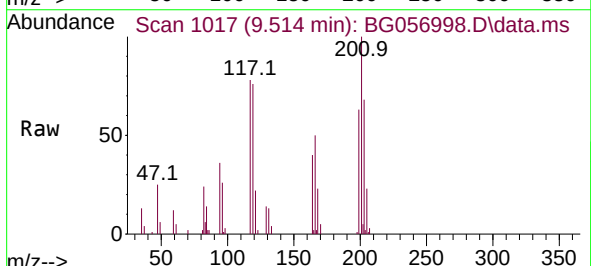
Manual Integrations

APPROVED

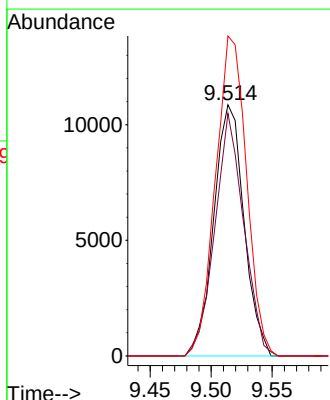
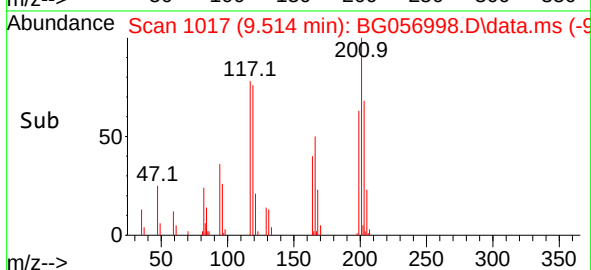
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

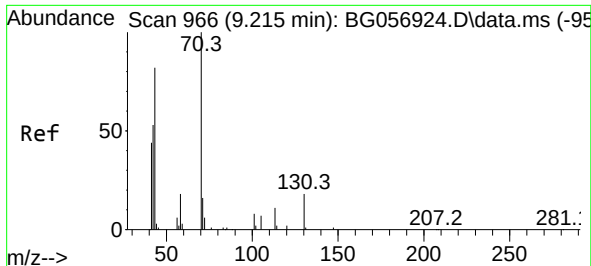


#18
Hexachloroethane
Concen: 50.151 ng
RT: 9.514 min Scan# 1017
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01



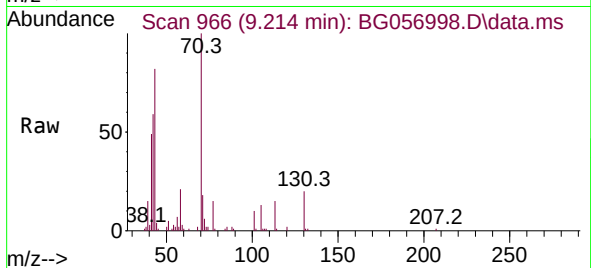
Tgt Ion:117 Resp: 18708
Ion Ratio Lower Upper
117 100
119 96.6 67.0 100.6
201 127.4 98.7 148.1





#19
n-Nitroso-di-n-propylamine
Concen: 43.518 ng
RT: 9.214 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

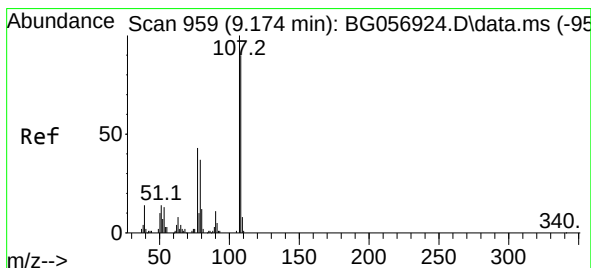
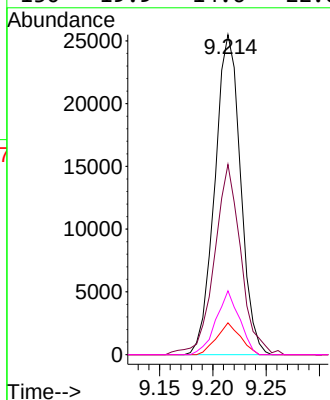
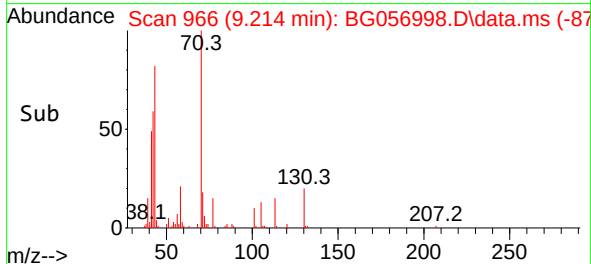
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MS



Tgt Ion: 70 Resp: 42774
Ion Ratio Lower Upper
70 100
42 59.4 43.4 65.0
101 9.9 6.2 9.2
130 19.9 14.6 22.0

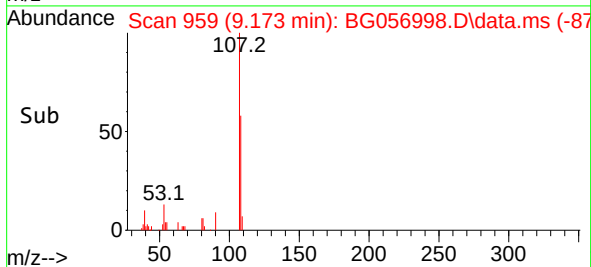
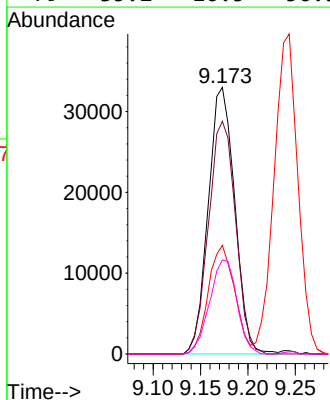
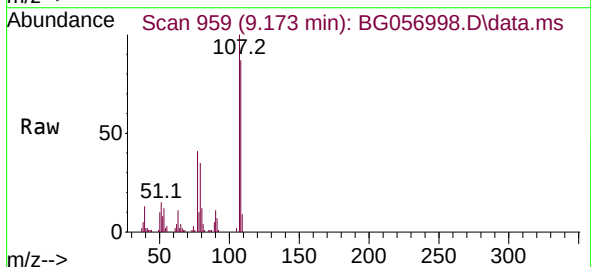
Manual Integrations
APPROVED

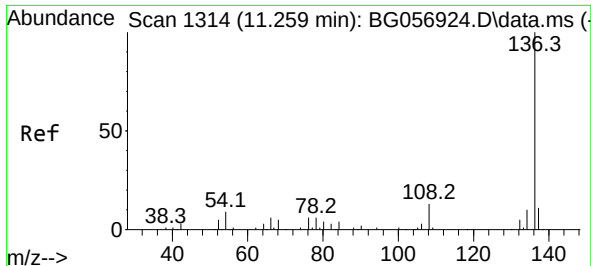
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#20
3+4-Methylphenols
Concen: 47.200 ng
RT: 9.173 min Scan# 959
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion:107 Resp: 64117
Ion Ratio Lower Upper
107 100
108 87.3 69.9 109.9
77 40.7 22.7 62.7
79 35.2 16.5 56.5





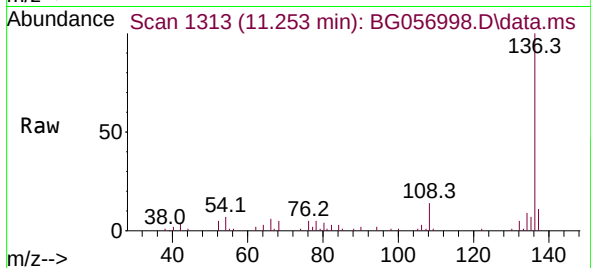
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.253 min Scan# 1314
Delta R.T. -0.010 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MS

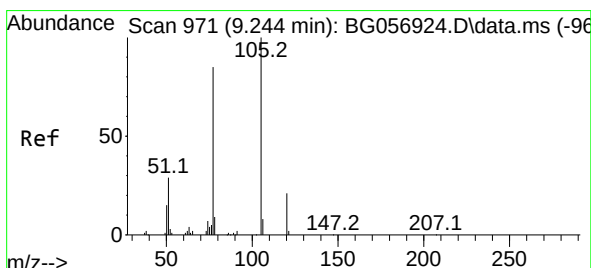
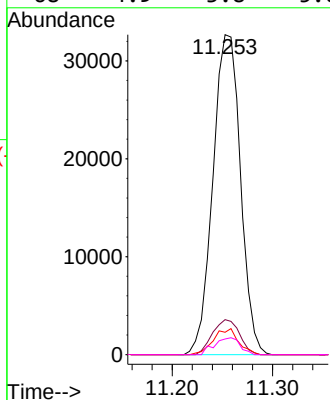
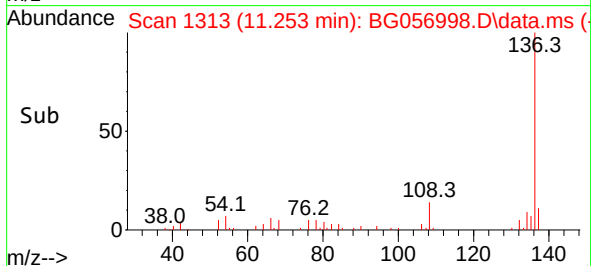


Tgt Ion:136 Resp: 62371
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.0 6.9 10.3
68 4.9 3.8 5.6

Manual Integrations

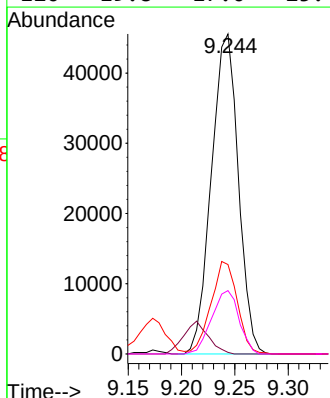
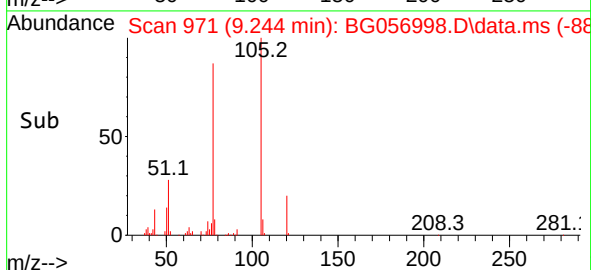
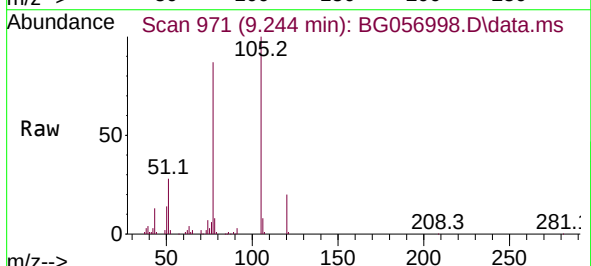
APPROVED

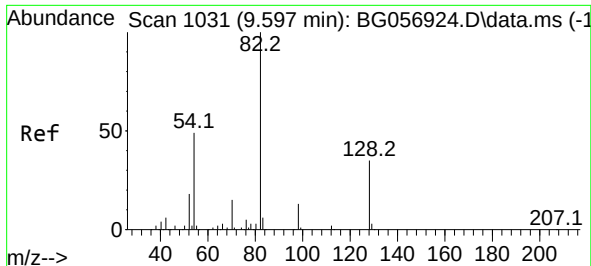
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#22
Acetophenone
Concen: 43.140 ng
RT: 9.244 min Scan# 971
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion:105 Resp: 80065
Ion Ratio Lower Upper
105 100
71 0.5 0.7 1.1#
51 27.9 23.8 35.8
120 19.8 17.0 25.4





#23
Nitrobenzene-d5
Concen: 70.556 ng
RT: 9.590 min Scan# 1030
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

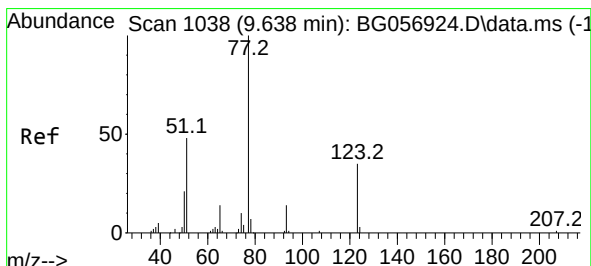
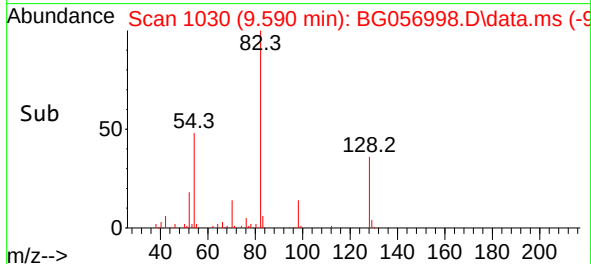
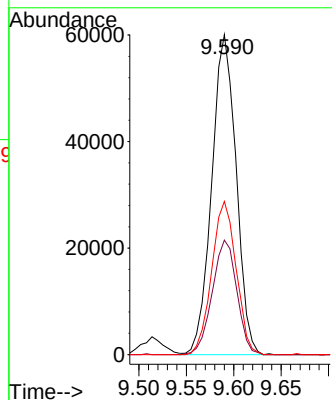
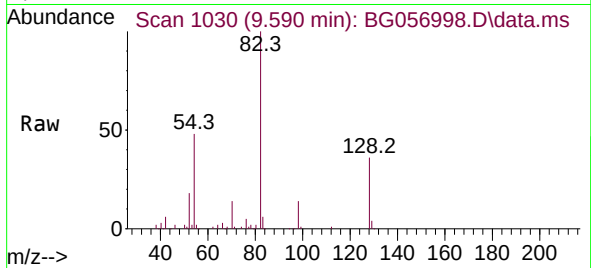
B-37-SB02MS

Tgt Ion: 82 Resp: 107549
Ion Ratio Lower Upper
82 100
128 35.8 27.9 41.9
54 47.9 39.4 59.2

Manual Integrations

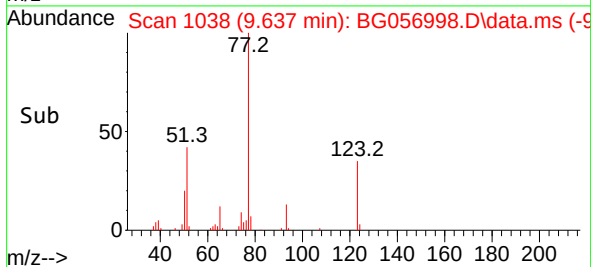
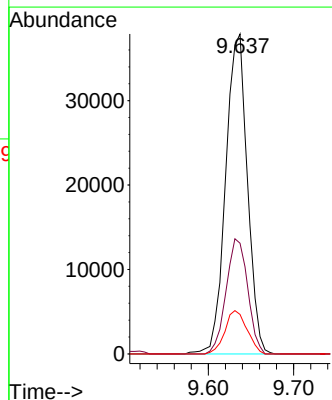
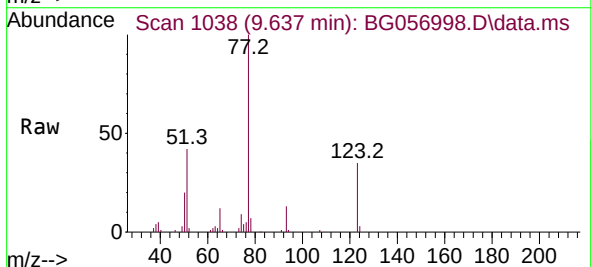
APPROVED

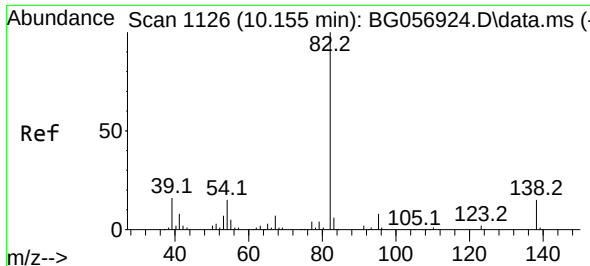
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#24
Nitrobenzene
Concen: 42.966 ng
RT: 9.637 min Scan# 1038
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

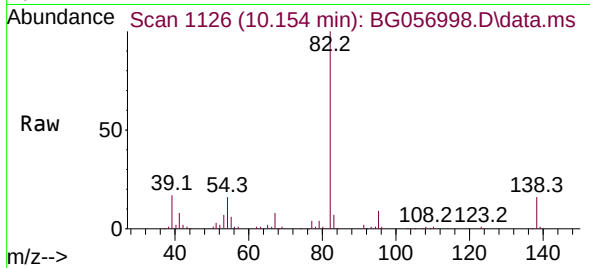
Tgt Ion: 77 Resp: 66960
Ion Ratio Lower Upper
77 100
123 34.6 27.6 41.4
65 12.3 11.5 17.3





#25
Isophorone
Concen: 40.844 ng
RT: 10.154 min Scan# 1126
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

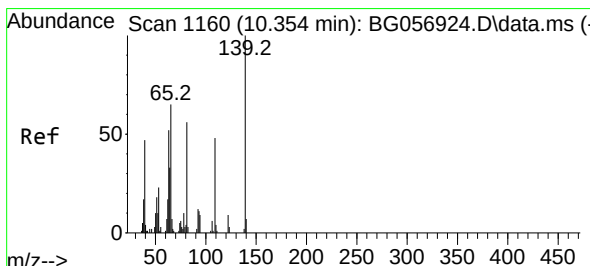
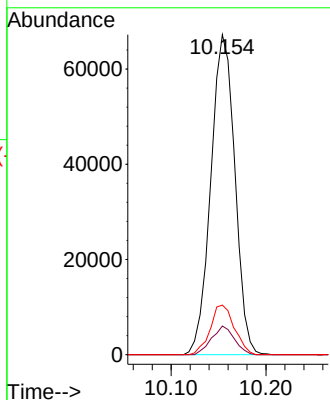
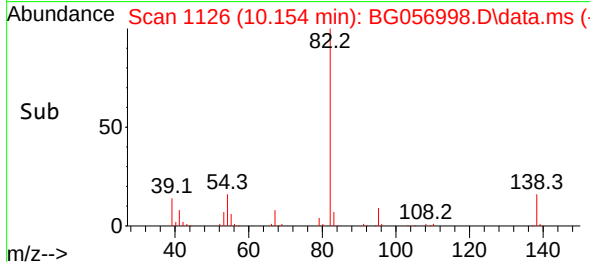
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MS



Tgt Ion: 82 Resp: 118556
Ion Ratio Lower Upper
82 100
95 8.9 6.3 9.5
138 15.5 11.8 17.8

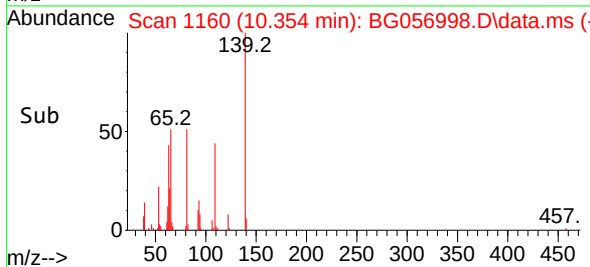
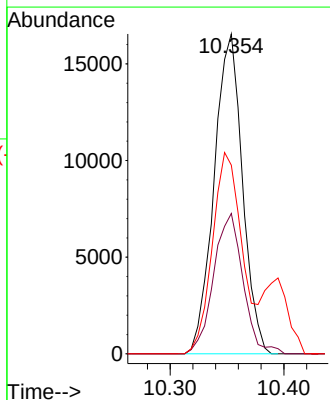
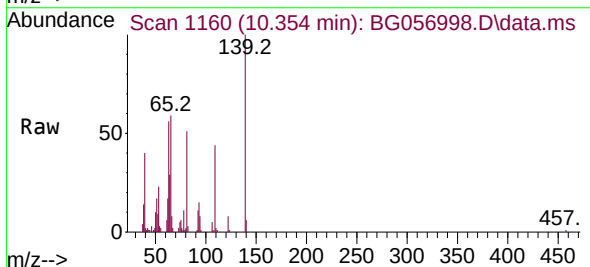
Manual Integrations
APPROVED

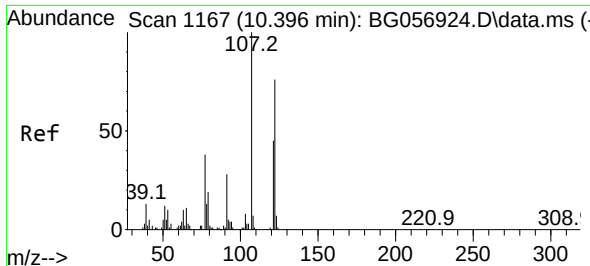
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#26
2-Nitrophenol
Concen: 47.656 ng
RT: 10.354 min Scan# 1160
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion:139 Resp: 28667
Ion Ratio Lower Upper
139 100
109 43.9 38.2 57.4
65 59.0 51.8 77.8





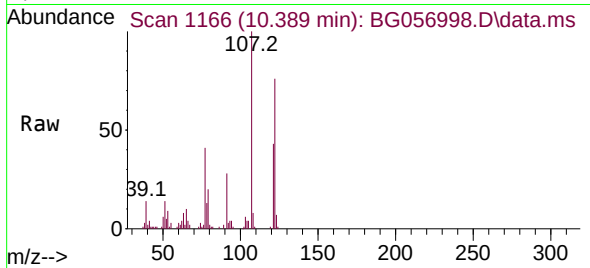
#27
2,4-Dimethylphenol
Concen: 47.190 ng
RT: 10.389 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MS

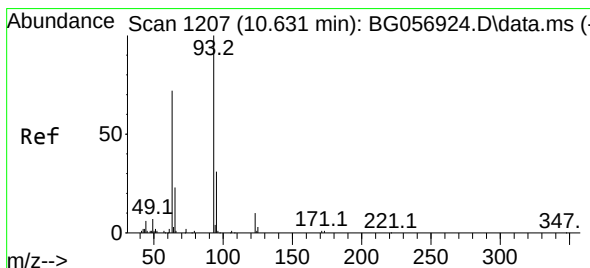
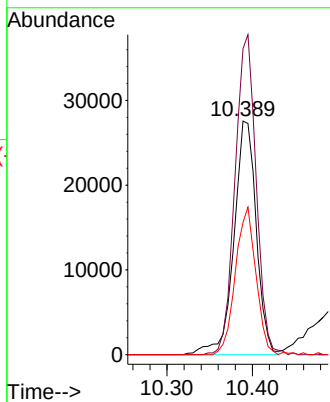
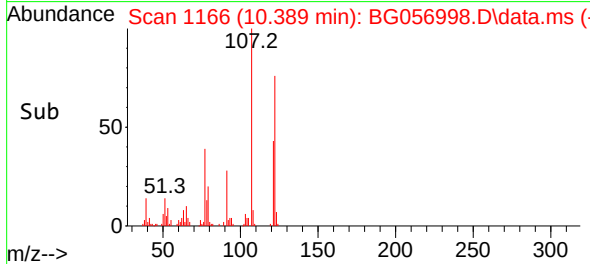


Tgt Ion:122 Resp: 50119
Ion Ratio Lower Upper
122 100
107 131.0 105.7 158.5
121 56.6 48.0 72.0

Manual Integrations

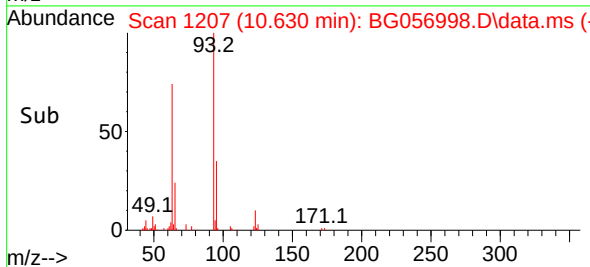
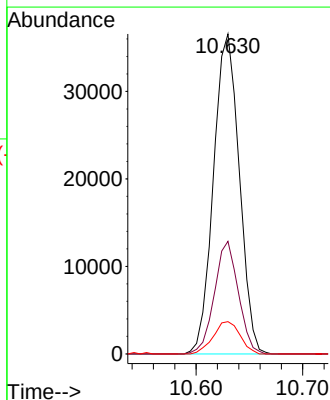
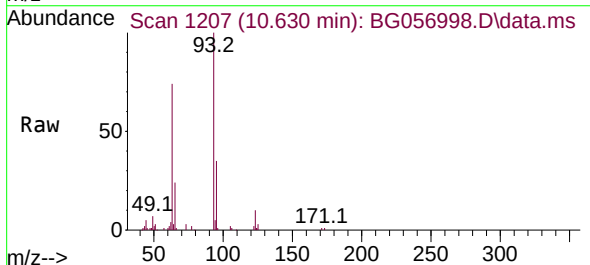
APPROVED

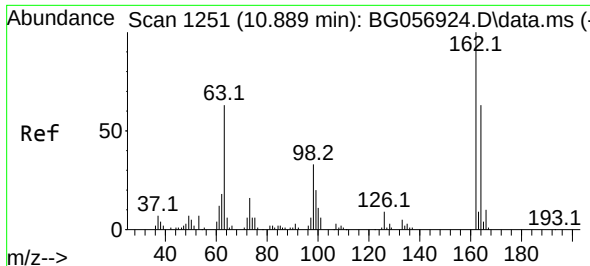
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.265 ng
RT: 10.630 min Scan# 1207
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion: 93 Resp: 61419
Ion Ratio Lower Upper
93 100
95 35.2 24.6 37.0
123 10.1 7.8 11.6





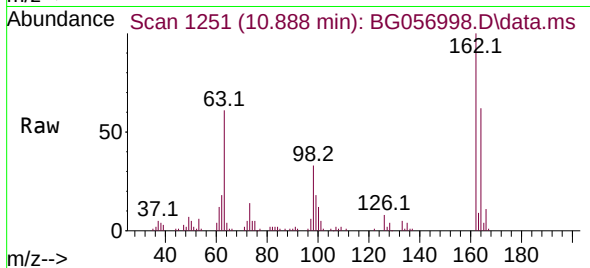
#29
2,4-Dichlorophenol
Concen: 49.502 ng
RT: 10.888 min Scan# 1251
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MS

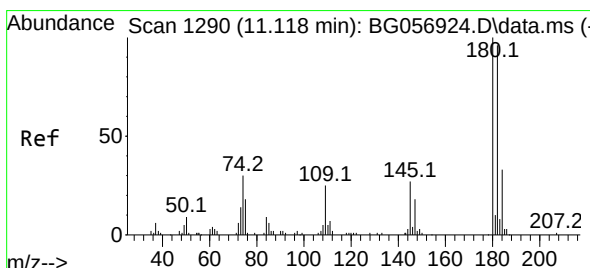
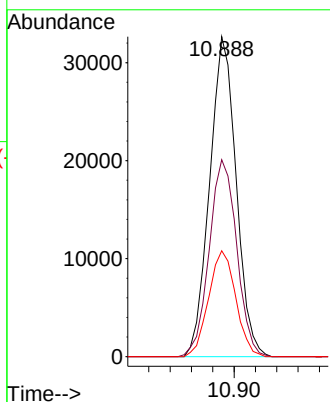
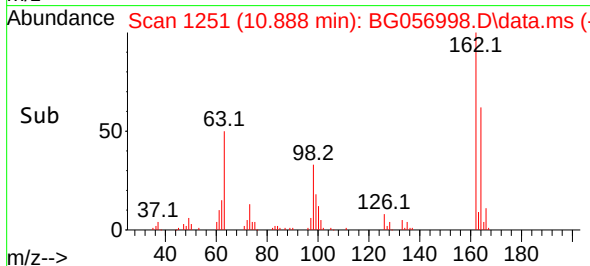


Tgt Ion:162 Resp: 56542
Ion Ratio Lower Upper
162 100
164 61.5 43.4 83.4
98 33.1 12.5 52.5

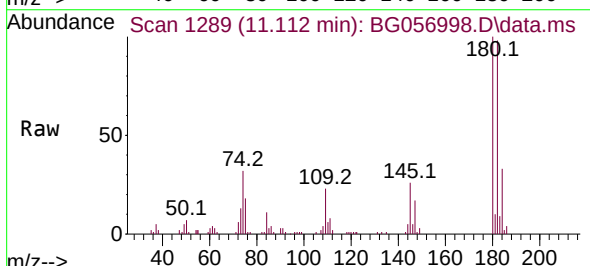
Manual Integrations

APPROVED

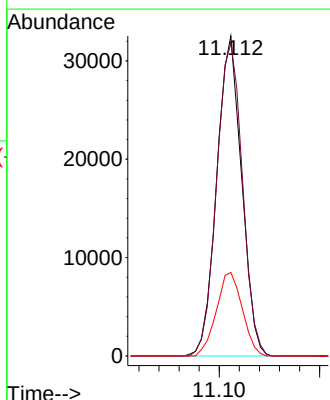
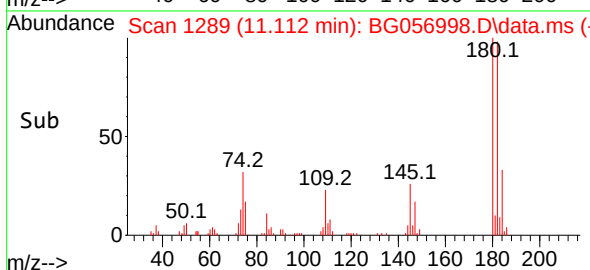
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

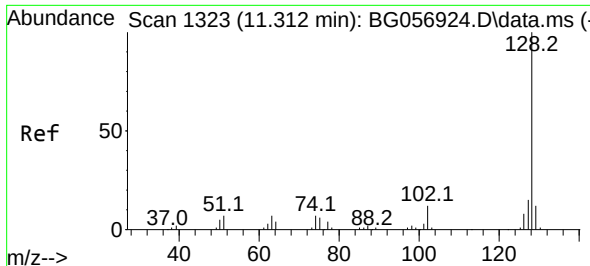


#30
1,2,4-Trichlorobenzene
Concen: 46.064 ng
RT: 11.112 min Scan# 1289
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01



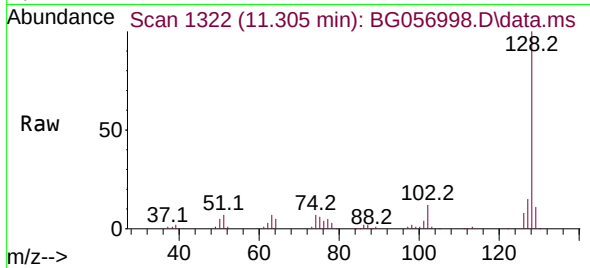
Tgt Ion:180 Resp: 55905
Ion Ratio Lower Upper
180 100
182 97.7 77.1 115.7
145 26.1 21.3 31.9





#31
Naphthalene
Concen: 44.786 ng
RT: 11.305 min Scan# 1323
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

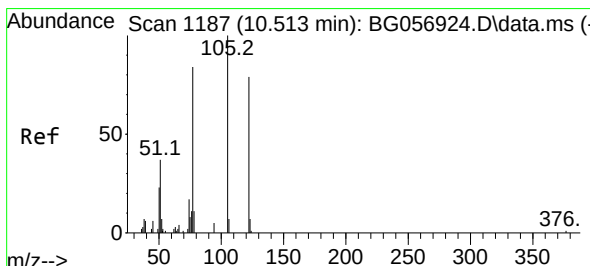
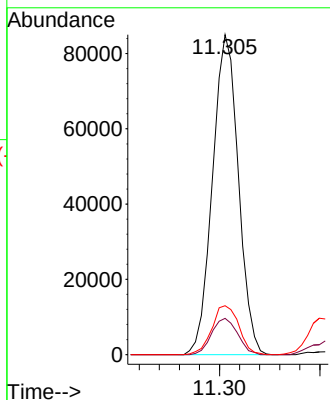
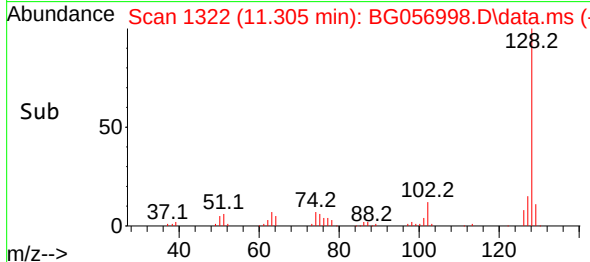
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MS



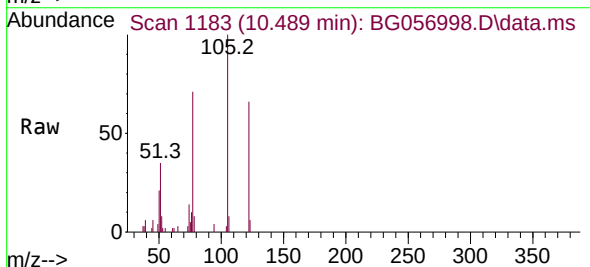
Tgt Ion:128 Resp: 15225
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 15.3 12.2 18.4

Manual Integrations
APPROVED

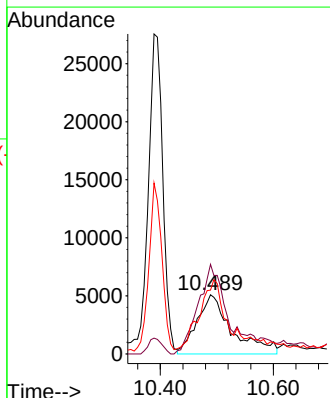
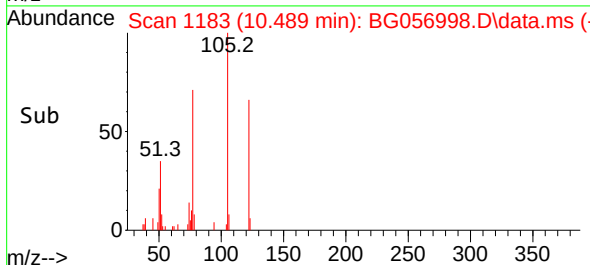
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

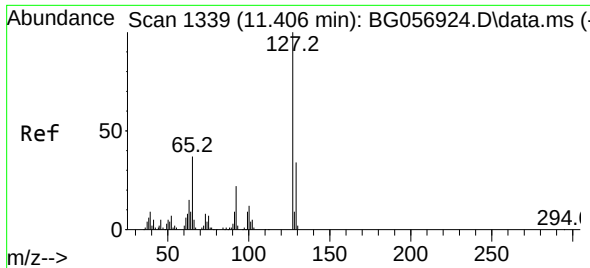


#32
Benzoic acid
Concen: 29.895 ng m
RT: 10.489 min Scan# 1183
Delta R.T. -0.040 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01



Tgt Ion:122 Resp: 21810
Ion Ratio Lower Upper
122 100
105 151.4 105.4 145.4#
77 108.0 87.4 127.4





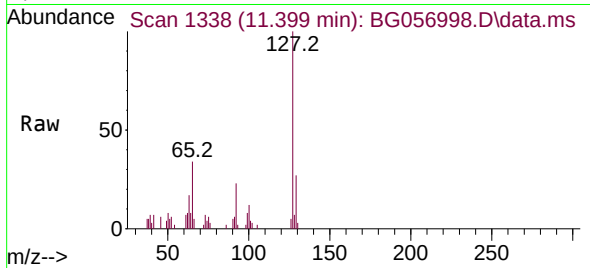
#33
4-Chloroaniline
Concen: 12.462 ng
RT: 11.399 min Scan# 1338
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MS

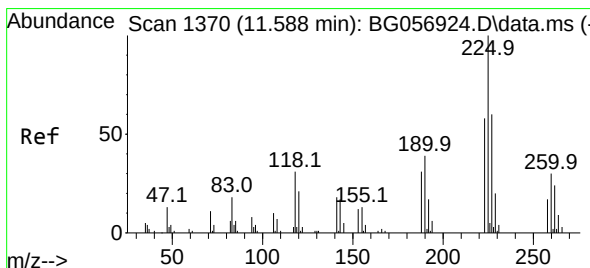
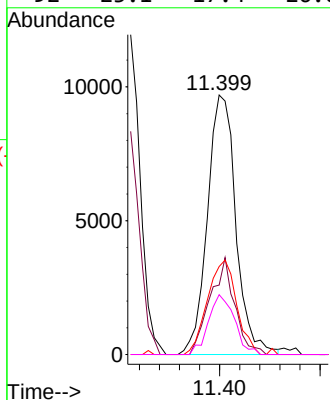
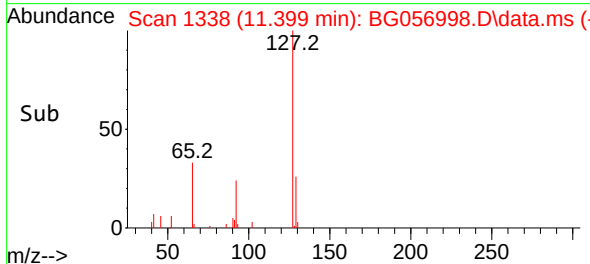


Tgt Ion:127 Resp: 19134
Ion Ratio Lower Upper
127 100
129 26.8 27.6 41.4
65 33.9 29.8 44.8
92 23.1 17.4 26.0

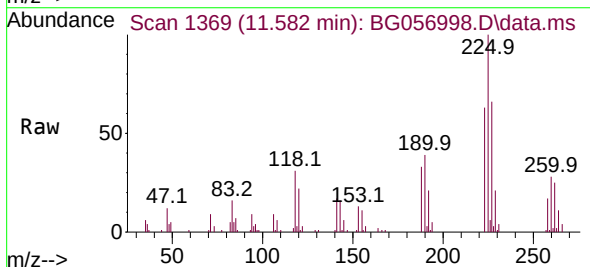
Manual Integrations

APPROVED

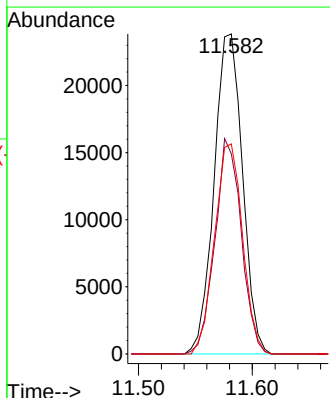
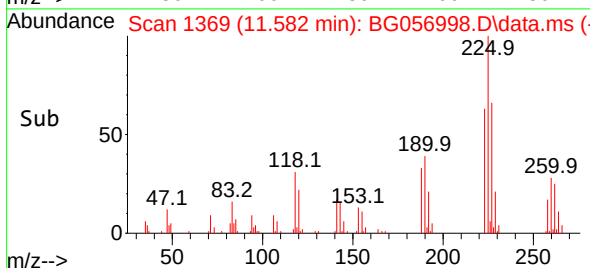
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

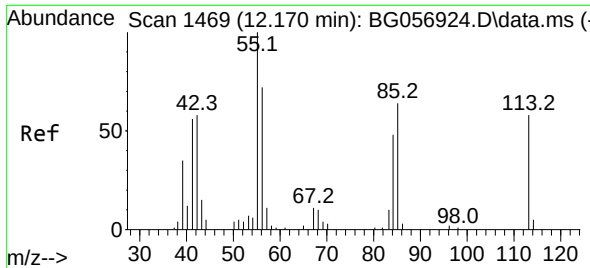


#34
Hexachlorobutadiene
Concen: 45.325 ng
RT: 11.582 min Scan# 1369
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01



Tgt Ion:225 Resp: 41321
Ion Ratio Lower Upper
225 100
223 62.5 46.4 69.6
227 65.6 48.0 72.0





#35
Caprolactam
Concen: 47.049 ng
RT: 12.181 min Scan# 1469
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

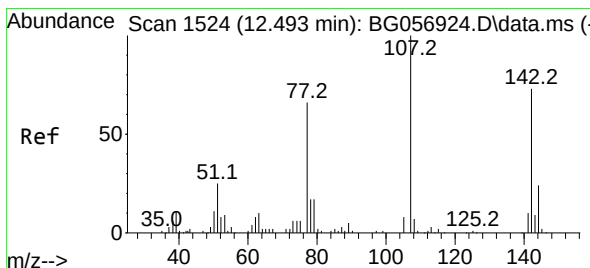
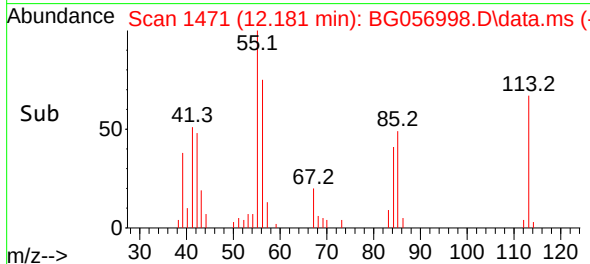
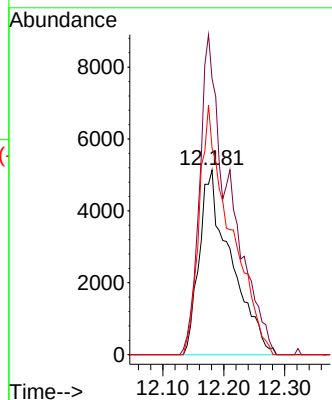
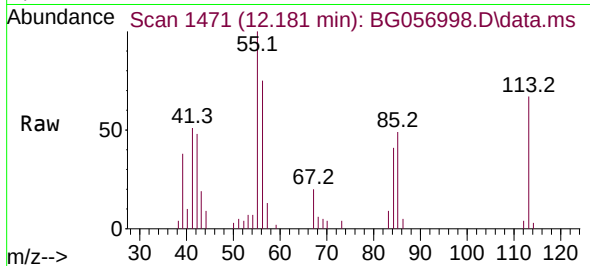
B-37-SB02MS

Tgt Ion:113 Resp: 18533
Ion Ratio Lower Upper
113 100
55 149.5 151.6 191.6
56 112.1 103.7 143.7

Manual Integrations

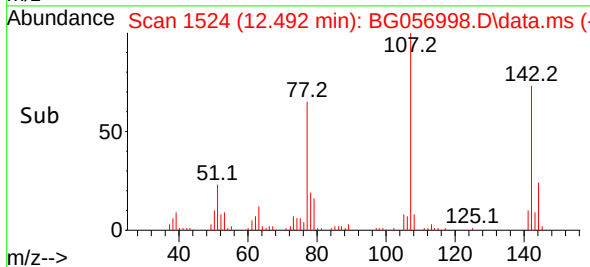
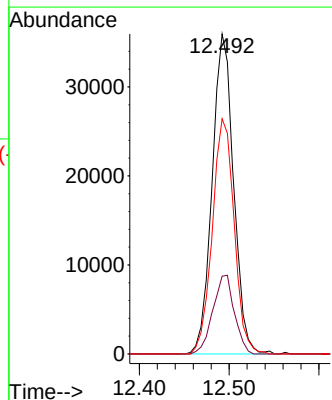
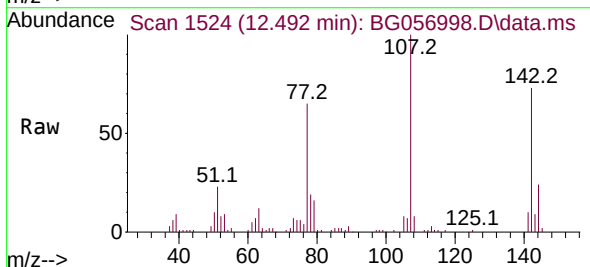
APPROVED

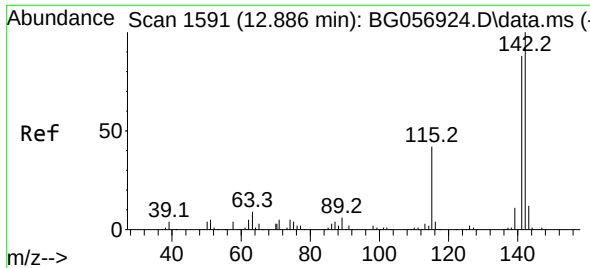
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#36
4-Chloro-3-methylphenol
Concen: 46.686 ng
RT: 12.492 min Scan# 1524
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion:107 Resp: 59635
Ion Ratio Lower Upper
107 100
144 24.3 19.0 28.4
142 73.5 58.6 88.0





#37
2-Methylnaphthalene
Concen: 42.577 ng
RT: 12.880 min Scan# 114880
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

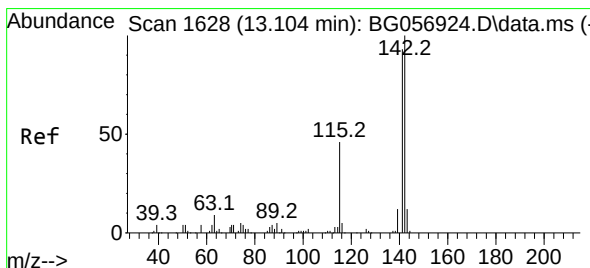
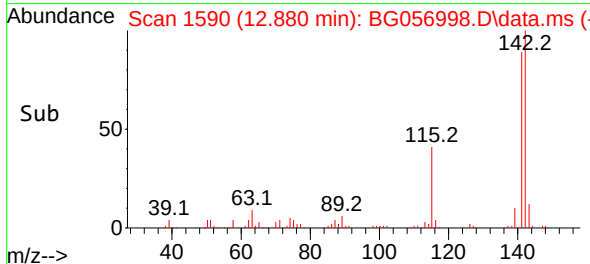
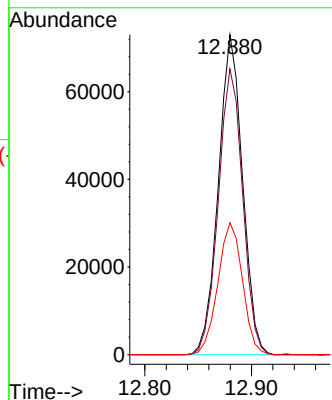
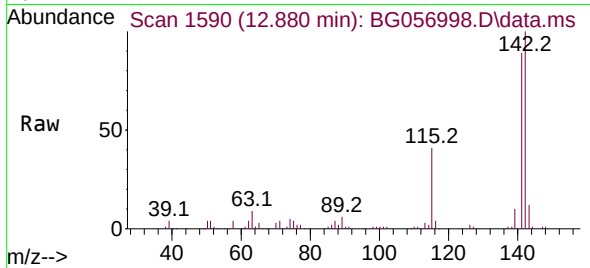
B-37-SB02MS

Tgt Ion:142 Resp: 114880
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5
115 41.2 33.5 50.3

Manual Integrations

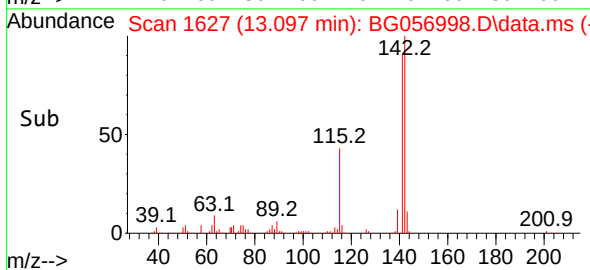
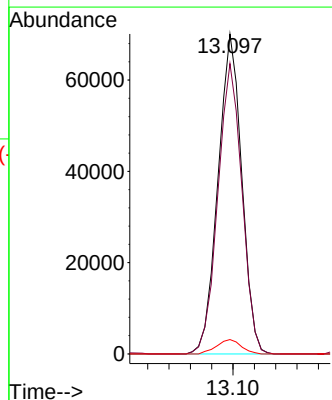
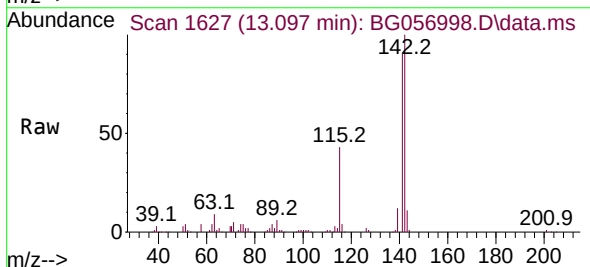
APPROVED

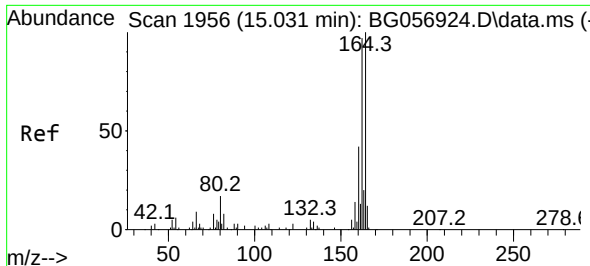
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#38
1-Methylnaphthalene
Concen: 42.709 ng
RT: 13.097 min Scan# 1627
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion:142 Resp: 108208
Ion Ratio Lower Upper
142 100
141 90.7 74.0 111.0
116 4.5 3.7 5.5





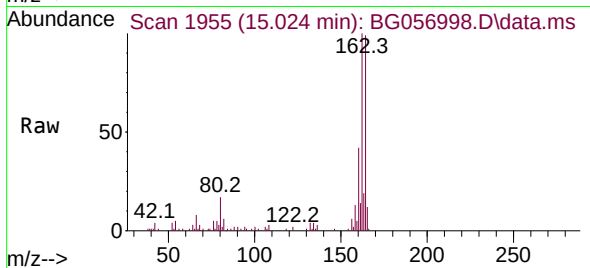
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.024 min Scan# 1956
Delta R.T. -0.010 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MS

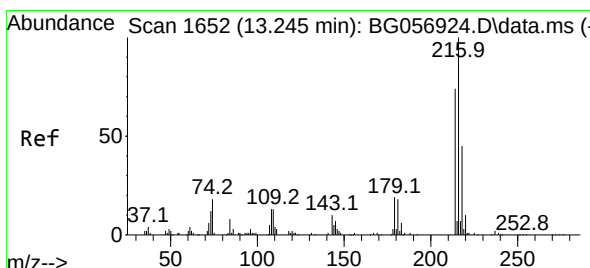
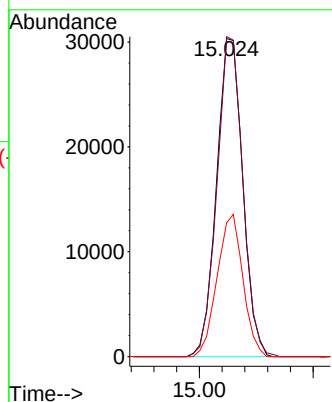
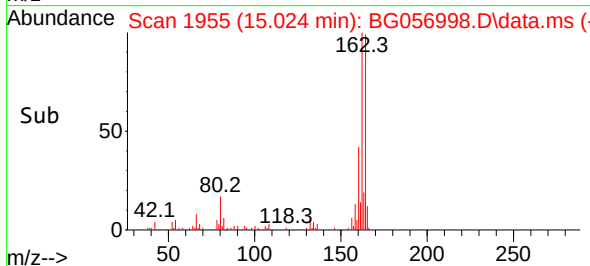


Tgt Ion:164 Resp: 48456
Ion Ratio Lower Upper
164 100
162 100.6 77.8 116.8
160 42.0 33.5 50.3

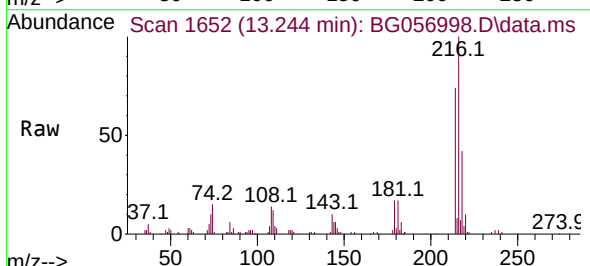
Manual Integrations

APPROVED

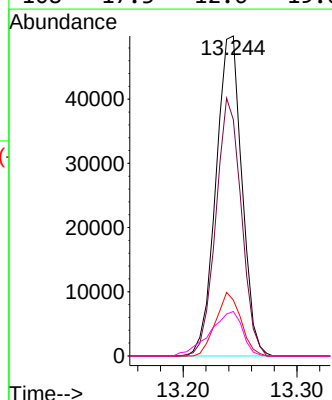
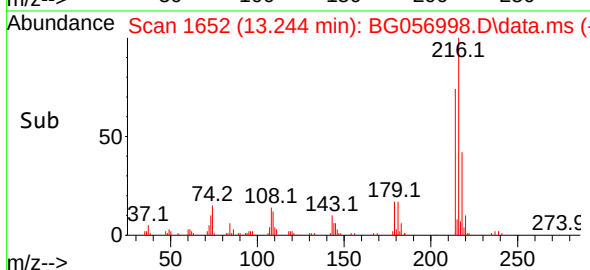
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

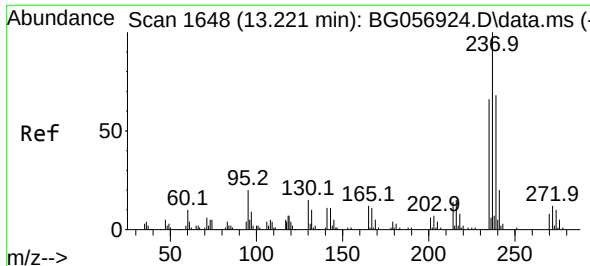


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.126 ng
RT: 13.244 min Scan# 1652
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01



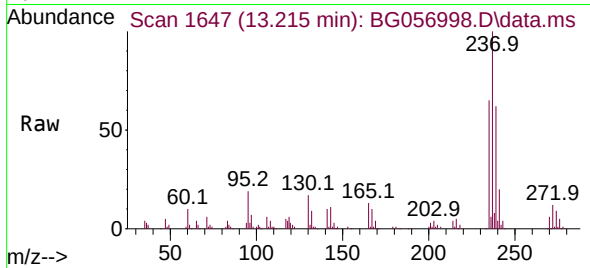
Tgt Ion:216 Resp: 79187
Ion Ratio Lower Upper
216 100
214 78.7 63.3 94.9
179 19.1 15.0 22.6
108 17.3 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 92.591 ng
RT: 13.215 min Scan# 1647
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

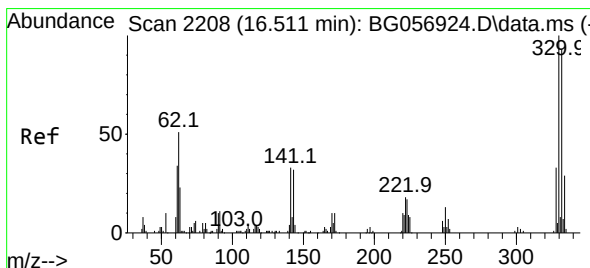
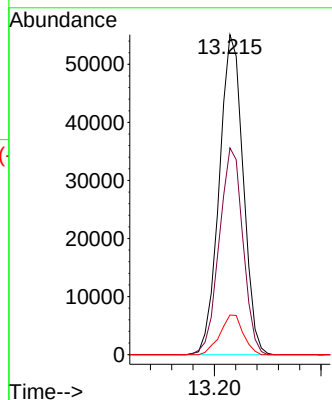
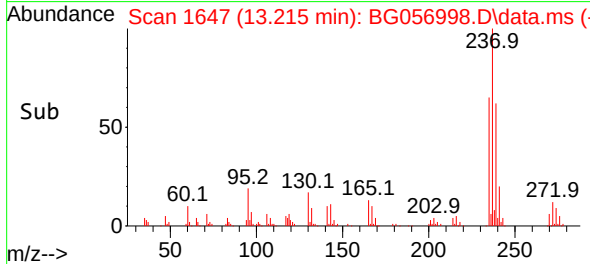
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MS



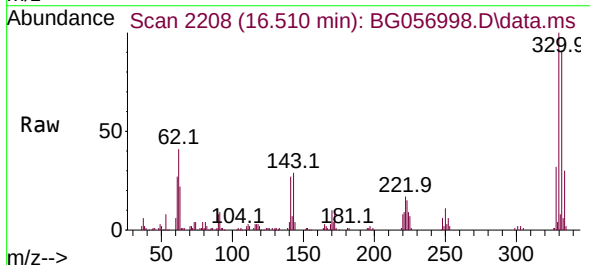
Tgt Ion: 237 Resp: 85722
Ion Ratio Lower Upper
237 100
235 64.6 45.9 85.9
272 12.4 0.0 32.3

Manual Integrations
APPROVED

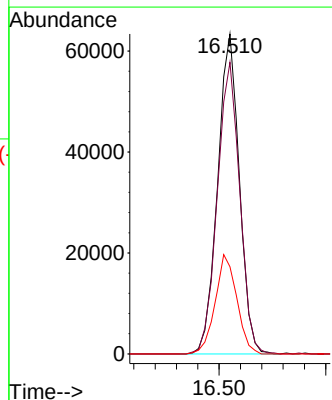
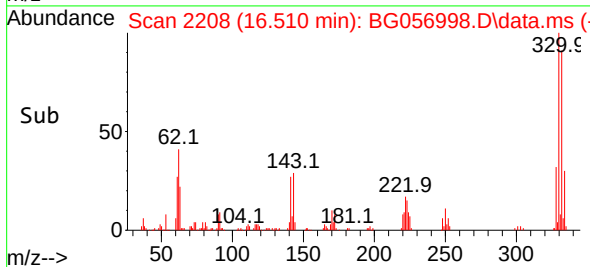
Reviewed By : Christian Giraldo 04/06/2023
Supervised By : Jagrut Upadhyay 04/06/2023

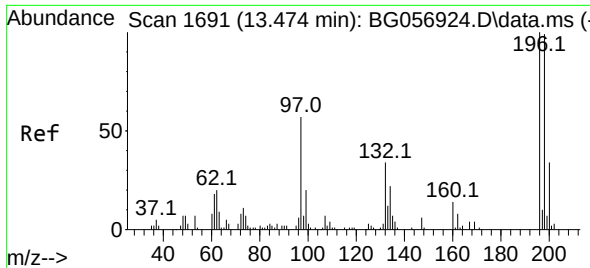


#42
2,4,6-Tribromophenol
Concen: 115.640 ng
RT: 16.510 min Scan# 2208
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01



Tgt Ion: 330 Resp: 89517
Ion Ratio Lower Upper
330 100
332 94.3 76.1 114.1
141 31.0 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 50.088 ng
RT: 13.467 min Scan# 1691
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

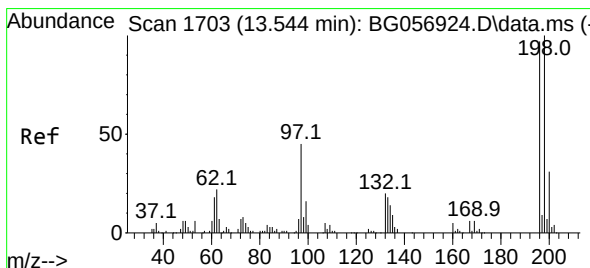
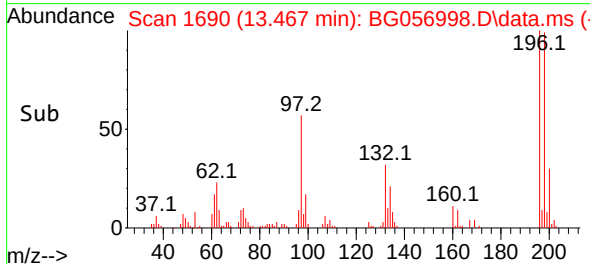
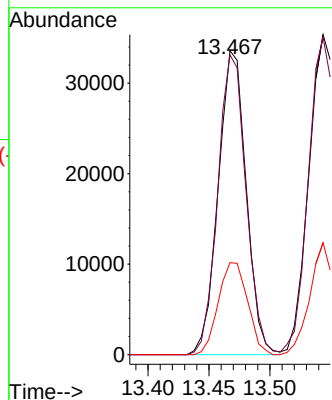
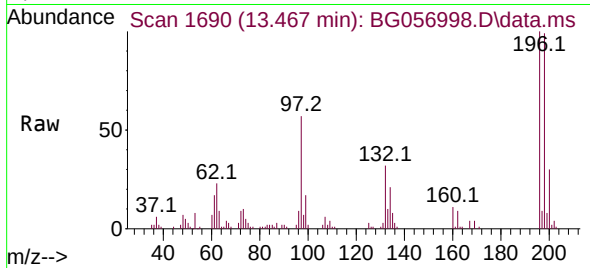
B-37-SB02MS

Tgt Ion:196 Resp: 53708
Ion Ratio Lower Upper
196 100
198 98.6 79.1 118.7
200 30.2 27.2 40.8

Manual Integrations

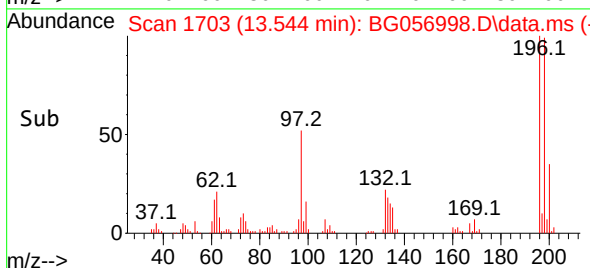
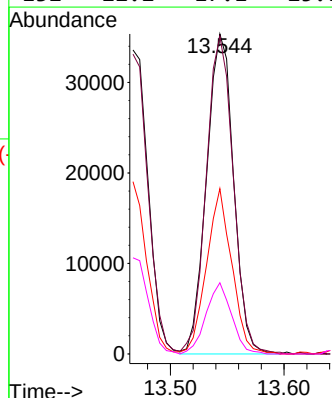
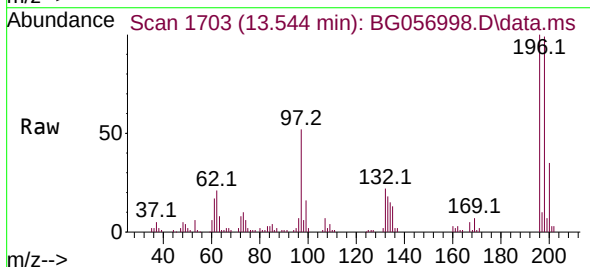
APPROVED

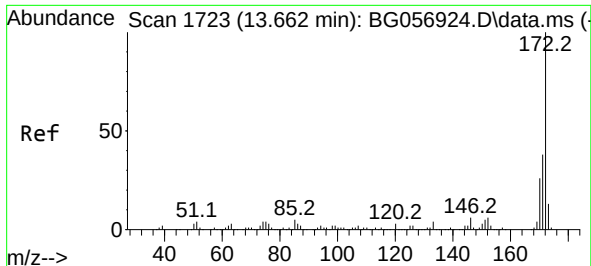
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#44
2,4,5-Trichlorophenol
Concen: 45.927 ng
RT: 13.544 min Scan# 1703
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion:196 Resp: 58340
Ion Ratio Lower Upper
196 100
198 99.2 82.5 123.7
97 51.6 37.0 55.6
132 22.2 17.1 25.7





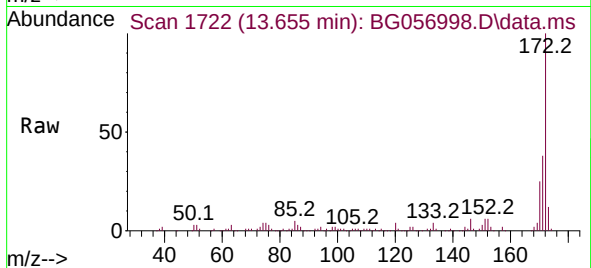
#45
2-Fluorobiphenyl
Concen: 64.510 ng
RT: 13.655 min Scan# 1722
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MS

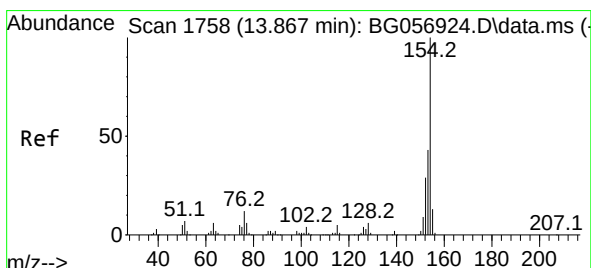
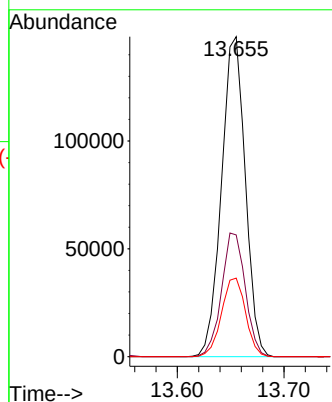
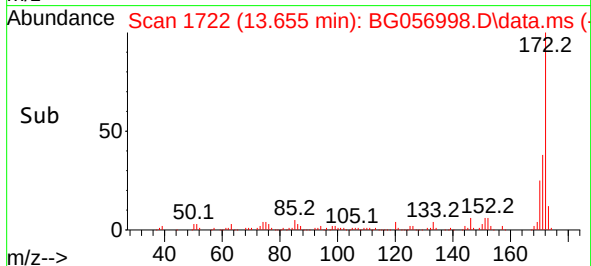


Tgt Ion:172 Resp: 230522
Ion Ratio Lower Upper
172 100
171 38.0 30.6 46.0
170 24.5 20.6 30.8

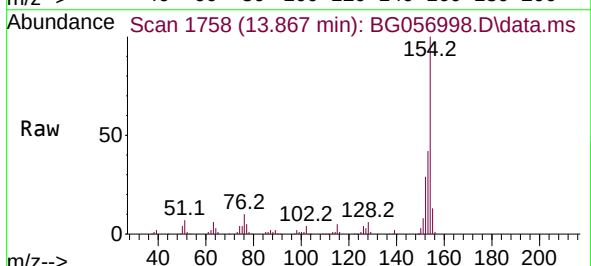
Manual Integrations

APPROVED

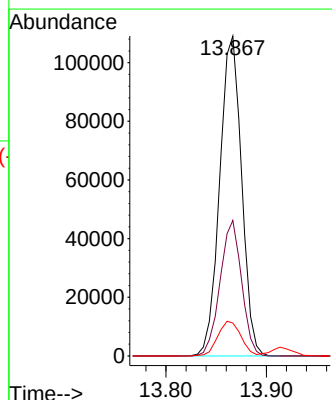
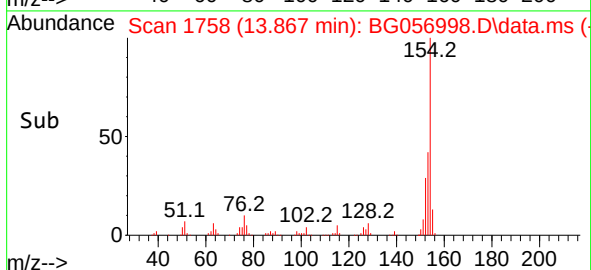
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

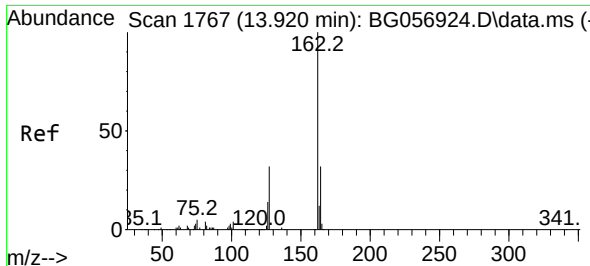


#46
1,1'-Biphenyl
Concen: 46.663 ng
RT: 13.867 min Scan# 1758
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01



Tgt Ion:154 Resp: 165520
Ion Ratio Lower Upper
154 100
153 42.3 23.4 63.4
76 10.3 0.0 31.6





#47
2-Chloronaphthalene
Concen: 47.715 ng
RT: 13.914 min Scan# 1766
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

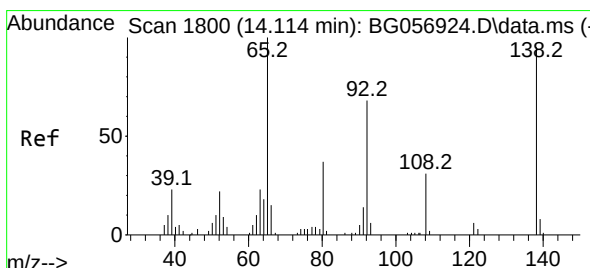
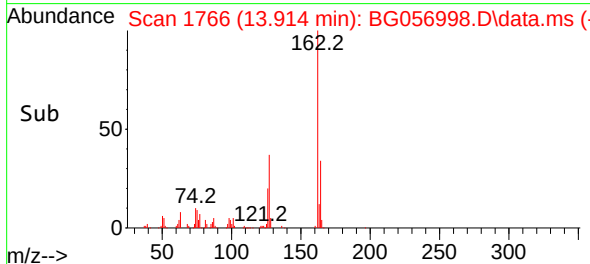
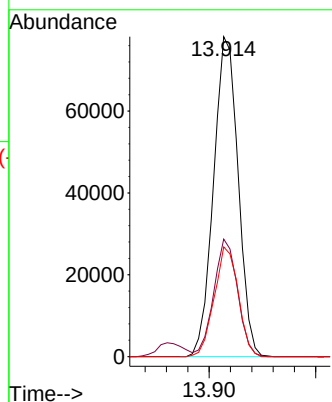
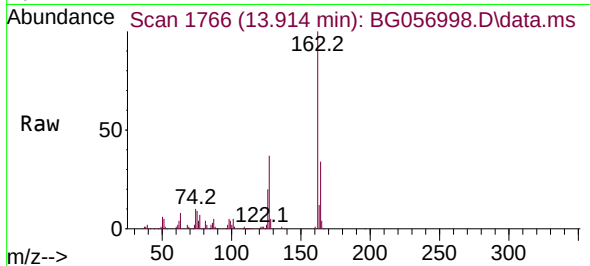
B-37-SB02MS

Tgt Ion:162 Resp: 125178
Ion Ratio Lower Upper
162 100
127 36.7 29.5 44.3
164 34.3 25.5 38.3

Manual Integrations

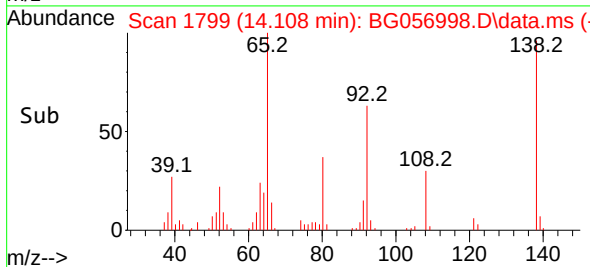
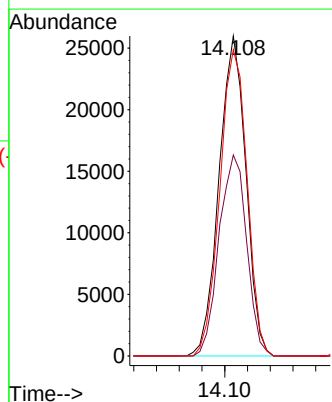
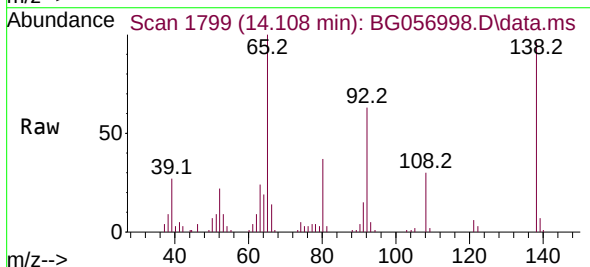
APPROVED

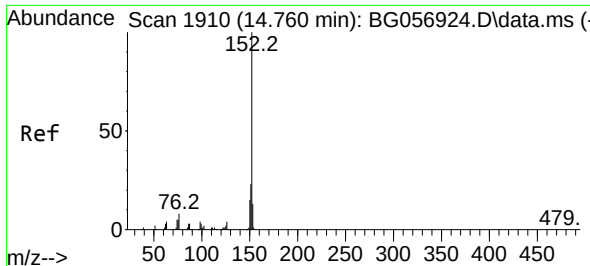
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#48
2-Nitroaniline
Concen: 45.401 ng
RT: 14.108 min Scan# 1799
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion: 65 Resp: 42589
Ion Ratio Lower Upper
65 100
92 62.8 54.3 81.5
138 95.7 76.0 114.0





#49
Acenaphthylene
Concen: 44.653 ng
RT: 14.754 min Scan# 1910
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

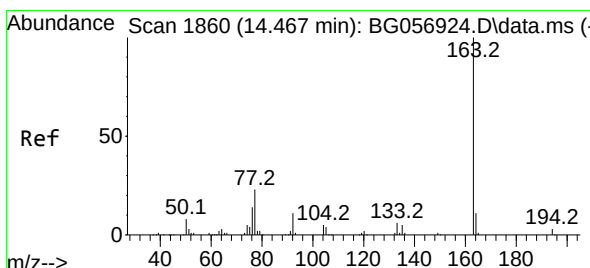
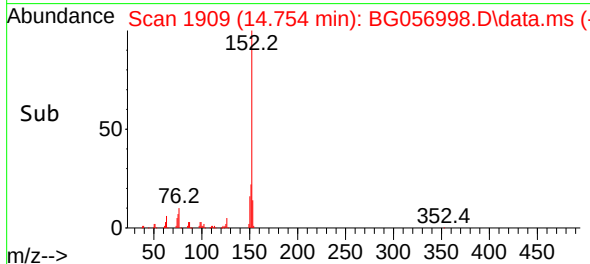
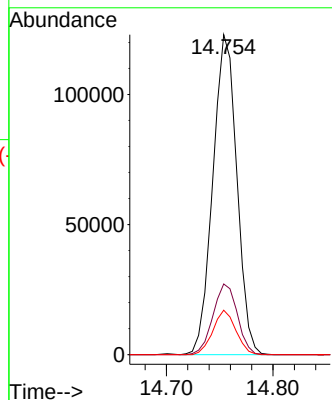
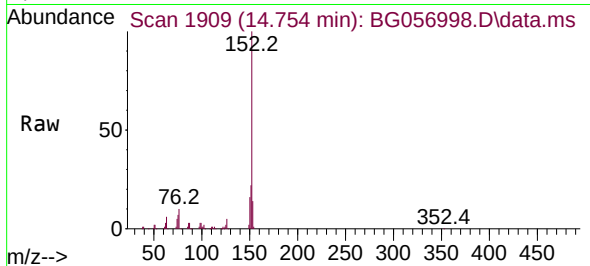
B-37-SB02MS

Tgt Ion:152 Resp: 192469
Ion Ratio Lower Upper
152 100
151 22.1 18.2 27.2
153 13.9 10.5 15.7

Manual Integrations

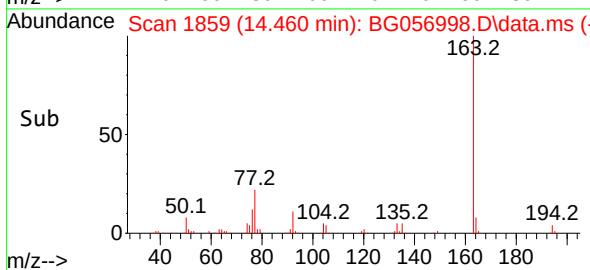
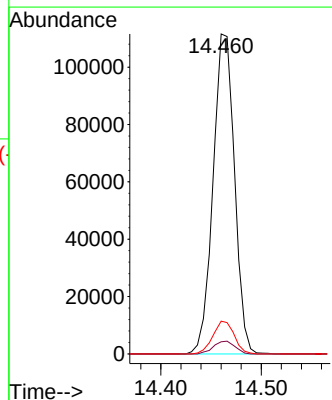
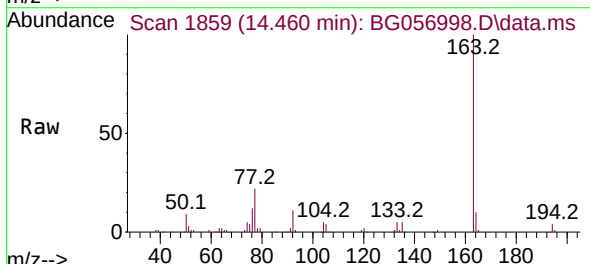
APPROVED

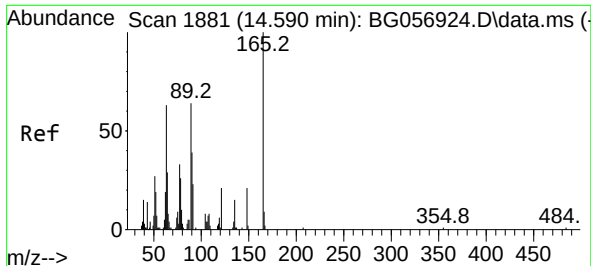
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#50
Dimethylphthalate
Concen: 43.474 ng
RT: 14.460 min Scan# 1859
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion:163 Resp: 165983
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.3 8.8 13.2





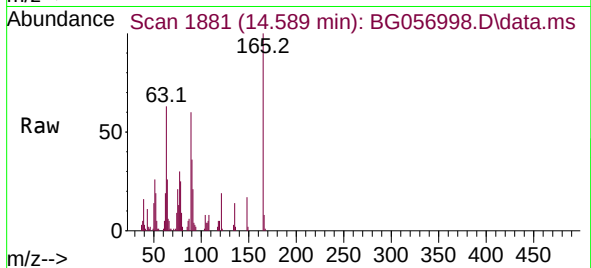
#51
2,6-Dinitrotoluene
Concen: 45.170 ng
RT: 14.589 min Scan# 1881
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

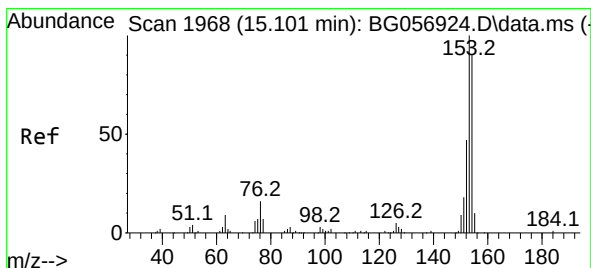
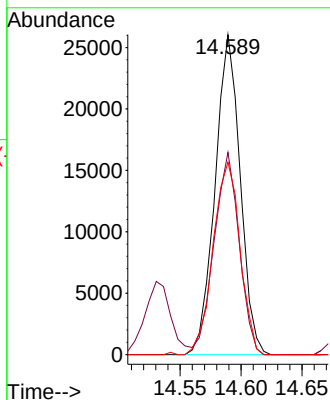
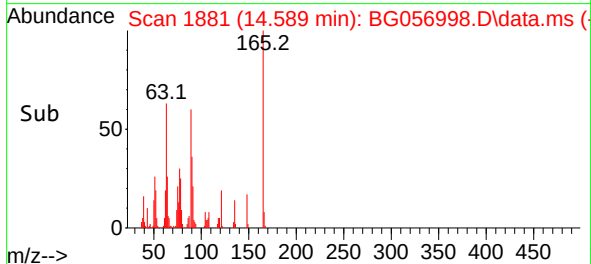
B-37-SB02MS



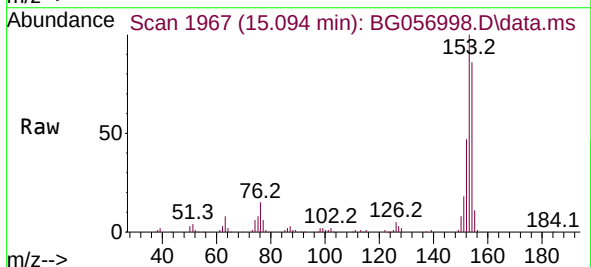
Tgt Ion:165 Resp: 37263
Ion Ratio Lower Upper
165 100
63 63.2 53.0 79.6
89 60.1 51.0 76.4

Manual Integrations
APPROVED

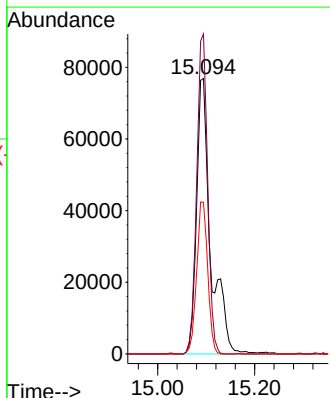
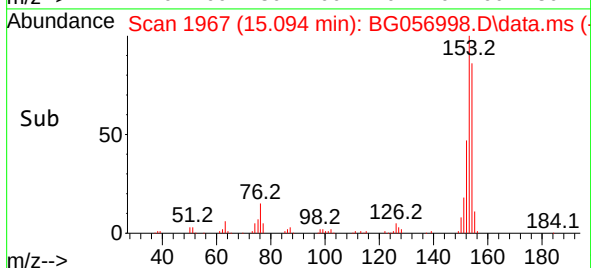
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

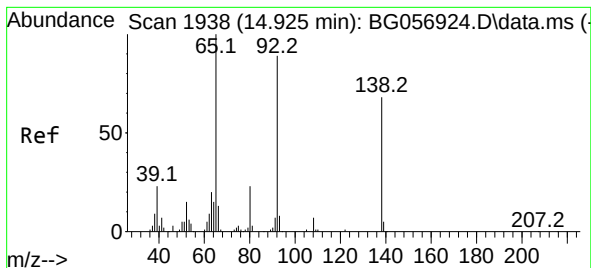


#52
Acenaphthene
Concen: 52.668 ng m
RT: 15.094 min Scan# 1967
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01



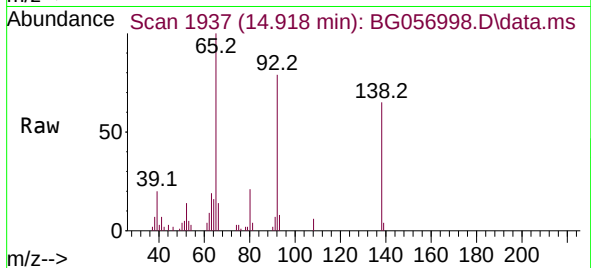
Tgt Ion:154 Resp: 156568
Ion Ratio Lower Upper
154 100
153 116.2 88.9 133.3
152 55.0 41.8 62.8





#53
3-Nitroaniline
Concen: 17.828 ng
RT: 14.918 min Scan# 1937
Delta R.T. -0.010 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

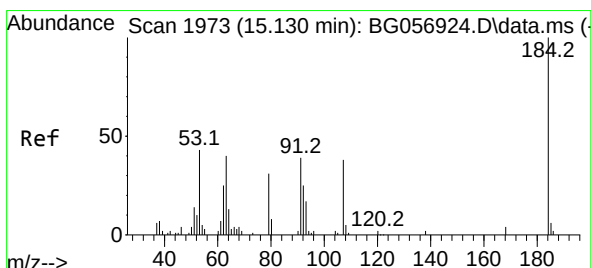
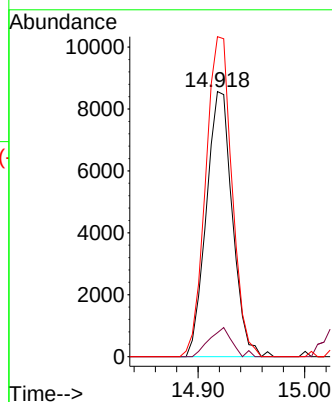
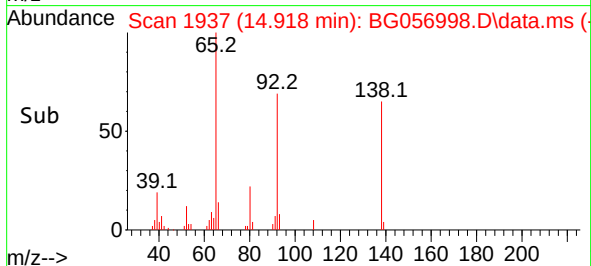
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MS



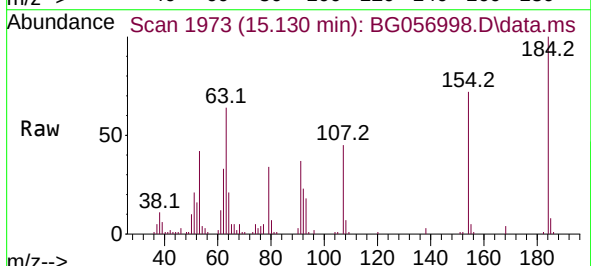
Tgt Ion:138 Resp: 1455
Ion Ratio Lower Upper
138 100
108 9.1 8.2 12.2
92 120.8 105.2 157.8

Manual Integrations
APPROVED

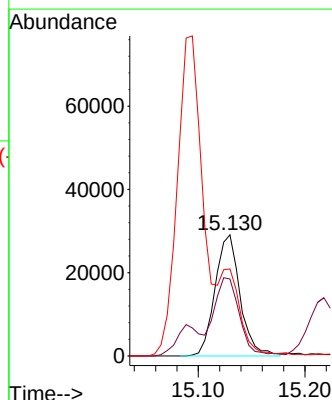
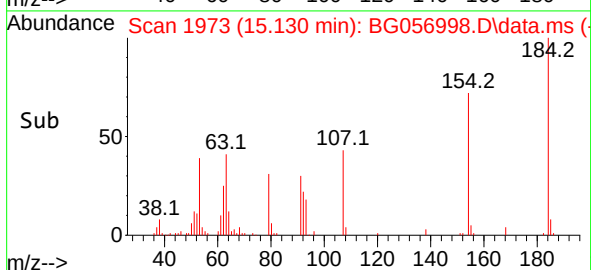
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

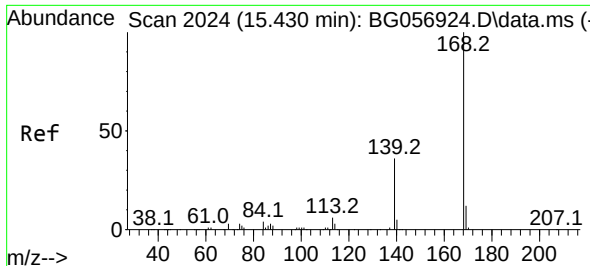


#54
2,4-Dinitrophenol
Concen: 102.192 ng
RT: 15.130 min Scan# 1973
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01



Tgt Ion:184 Resp: 47449
Ion Ratio Lower Upper
184 100
63 63.5 46.5 69.7
154 71.9 53.5 80.3





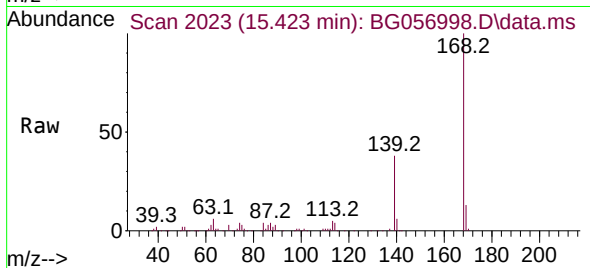
#55
Dibenzofuran
Concen: 44.867 ng
RT: 15.423 min Scan# 20
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MS

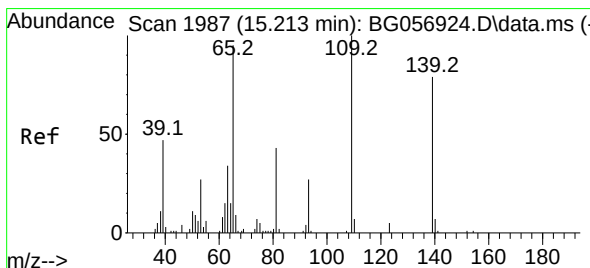
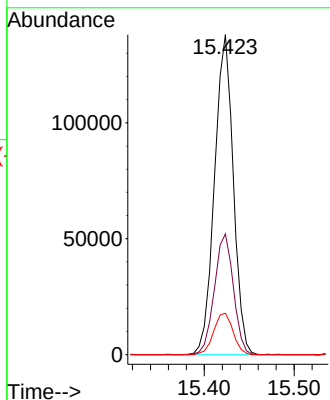
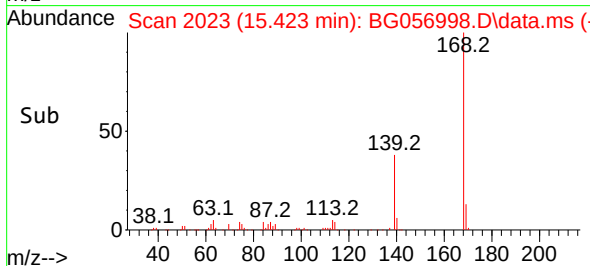


Tgt Ion:168 Resp: 200185
Ion Ratio Lower Upper
168 100
139 37.7 28.9 43.3
169 12.9 9.8 14.6

Manual Integrations

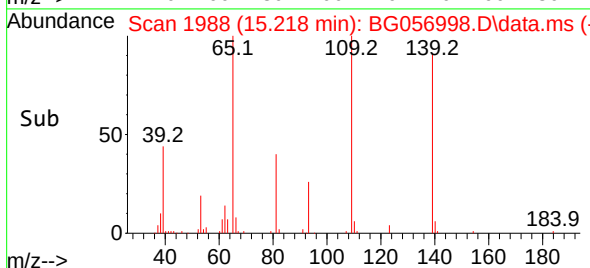
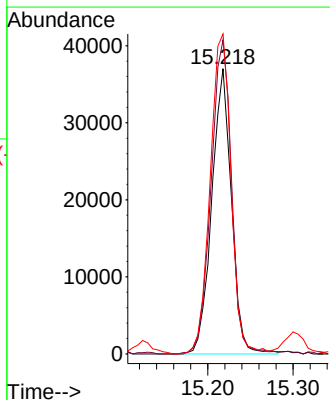
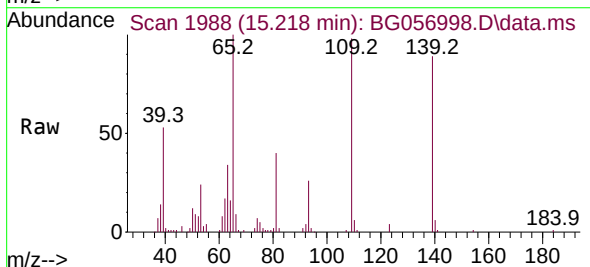
APPROVED

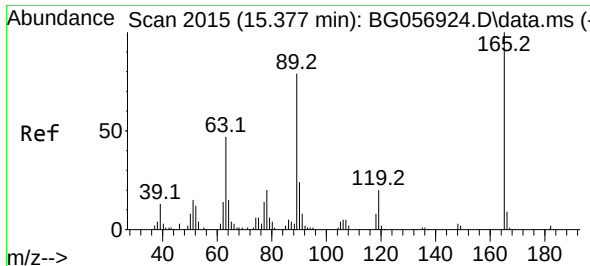
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#56
4-Nitrophenol
Concen: 98.189 ng
RT: 15.218 min Scan# 1988
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion:139 Resp: 59285
Ion Ratio Lower Upper
139 100
109 110.1 106.7 146.7
65 112.2 100.5 140.5





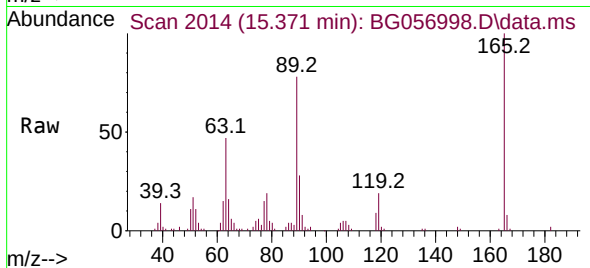
#57
2,4-Dinitrotoluene
Concen: 45.069 ng
RT: 15.371 min Scan# 2014
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MS

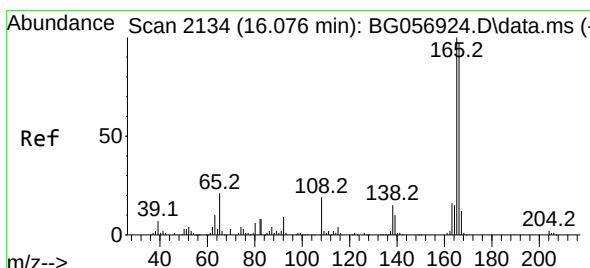
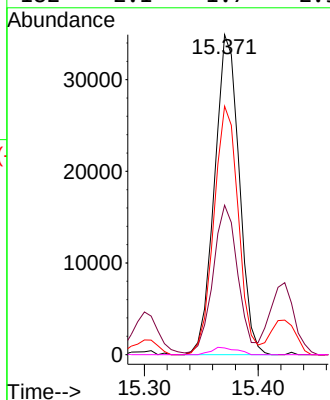
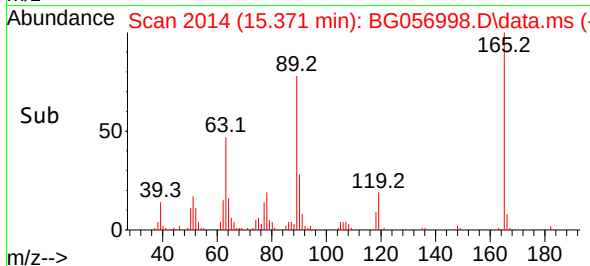


Tgt Ion:165 Resp: 52436
Ion Ratio Lower Upper
165 100
63 46.7 37.7 56.5
89 77.6 63.2 94.8
182 2.1 1.7 2.5

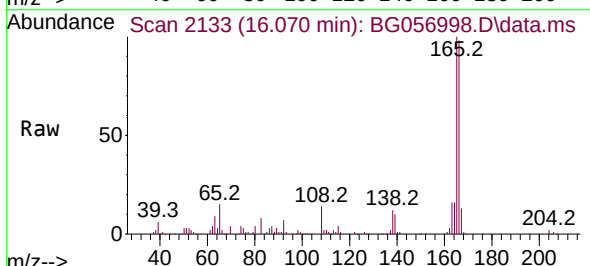
Manual Integrations

APPROVED

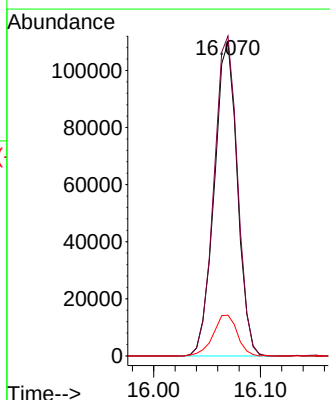
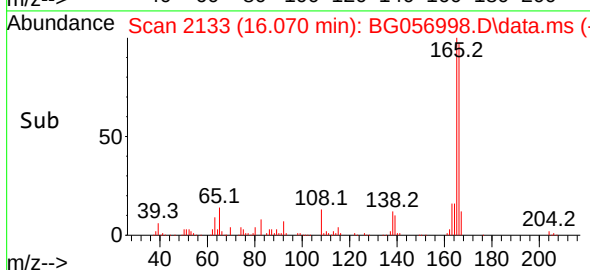
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

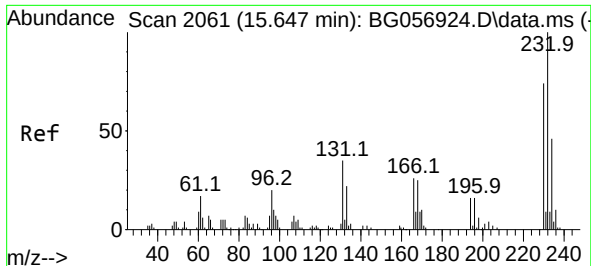


#58
Fluorene
Concen: 44.810 ng
RT: 16.070 min Scan# 2133
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01



Tgt Ion:166 Resp: 165442
Ion Ratio Lower Upper
166 100
165 102.0 82.6 123.8
167 13.0 10.2 15.2





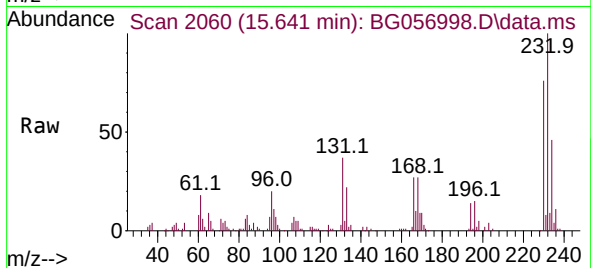
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.373 ng
RT: 15.641 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MS

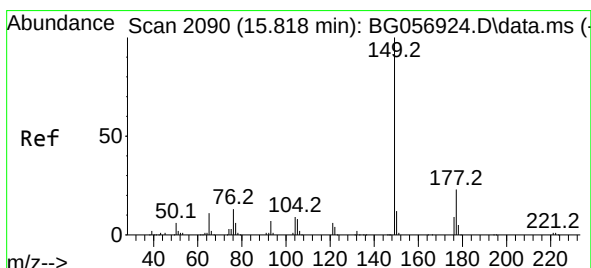
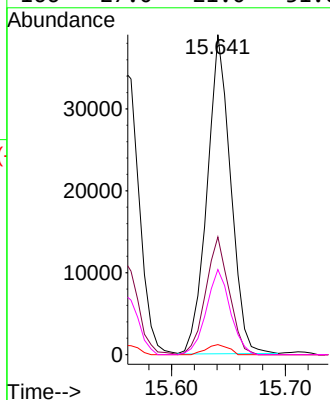
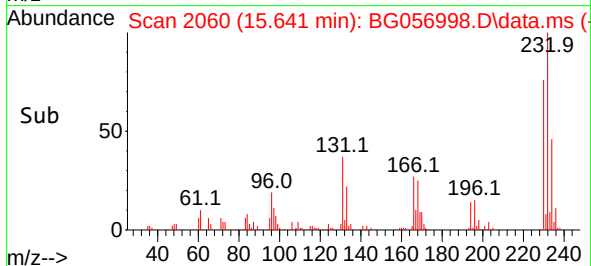


Tgt Ion:232 Resp: 55947
Ion Ratio Lower Upper
232 100
131 36.6 29.3 43.9
130 3.0 1.7 2.5
166 27.0 21.0 31.6

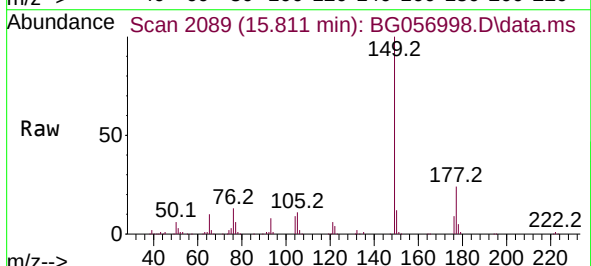
Manual Integrations

APPROVED

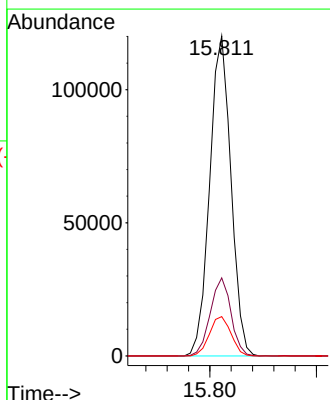
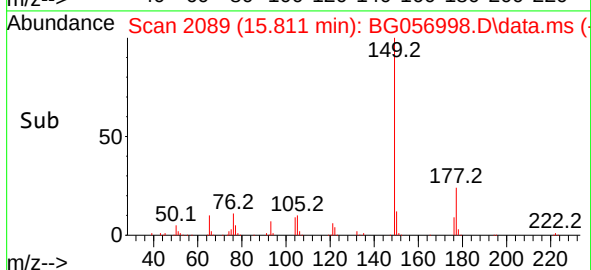
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

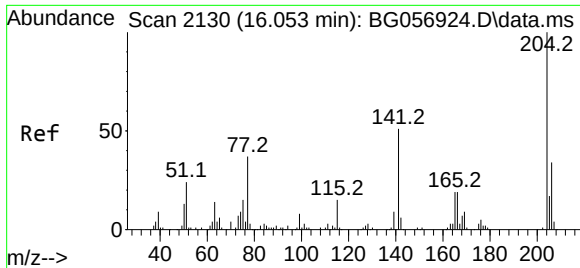


#60
Diethylphthalate
Concen: 43.506 ng
RT: 15.811 min Scan# 2089
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01



Tgt Ion:149 Resp: 166521
Ion Ratio Lower Upper
149 100
177 24.4 18.8 28.2
150 12.3 9.4 14.2





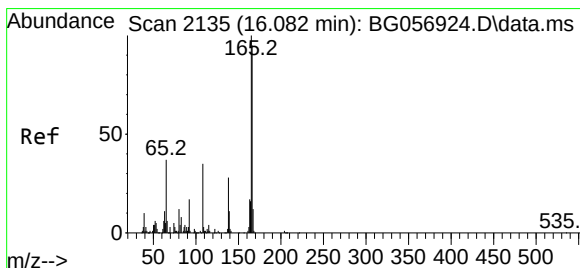
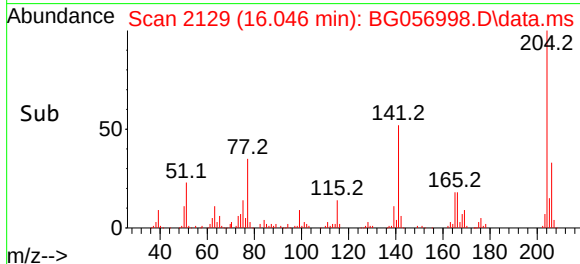
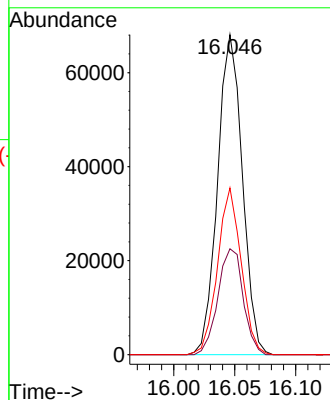
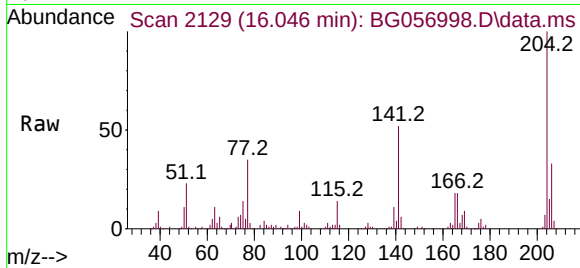
#61
4-Chlorophenyl-phenylether
Concen: 44.393 ng
RT: 16.046 min Scan# 2129
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :
BNA_G
ClientSampleId :
B-37-SB02MS

Tgt Ion:204 Resp: 9623
Ion Ratio Lower Upper
204 100
206 33.1 27.2 40.8
141 52.1 40.7 61.1

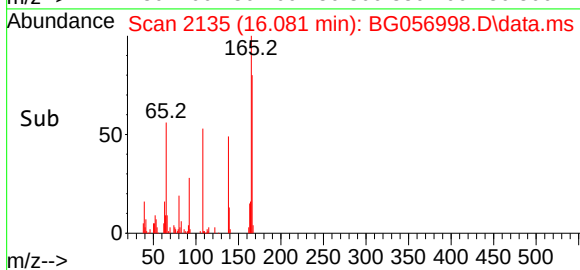
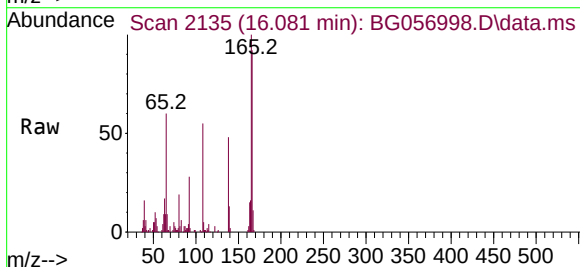
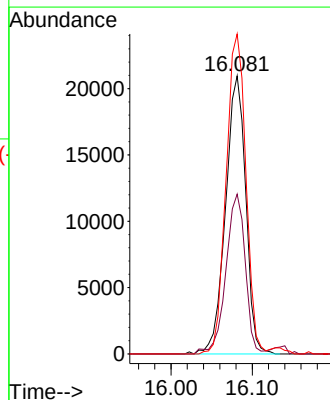
Manual Integrations
APPROVED

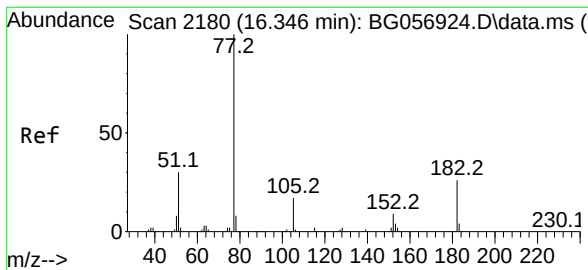
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#62
4-Nitroaniline
Concen: 42.751 ng
RT: 16.081 min Scan# 2135
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion:138 Resp: 36166
Ion Ratio Lower Upper
138 100
92 57.5 40.9 80.9
108 115.1 104.3 144.3





#63
Azobenzene
Concen: 45.143 ng
RT: 16.340 min Scan# 2180
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

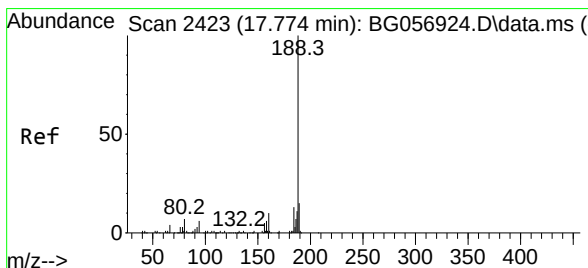
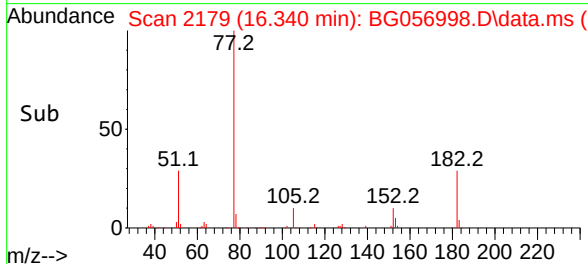
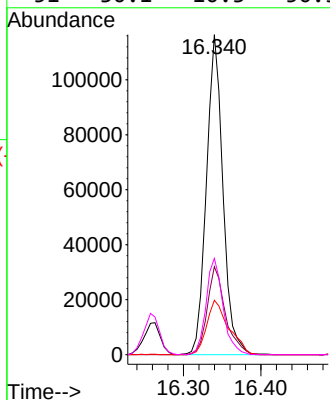
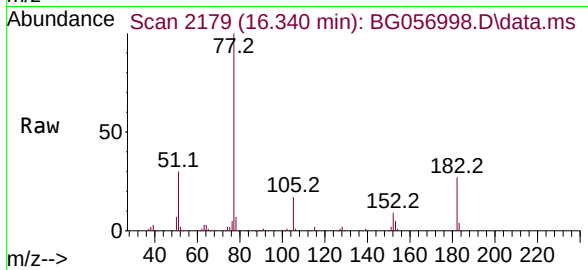
B-37-SB02MS

Tgt Ion: 77 Resp: 172194
Ion Ratio Lower Upper
77 100
182 27.5 5.9 45.9
105 17.0 0.0 36.8
51 30.1 10.3 50.3

Manual Integrations

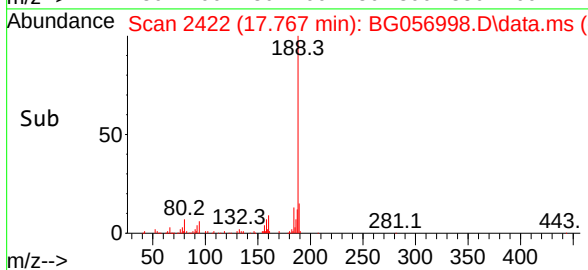
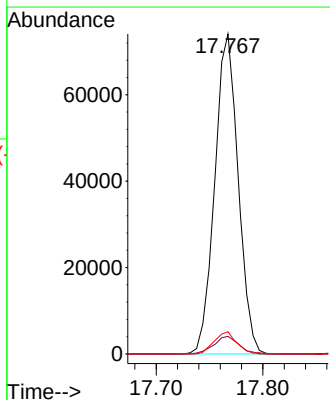
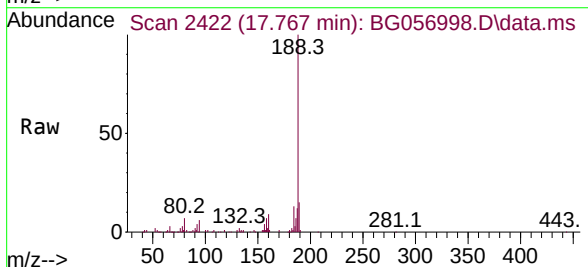
APPROVED

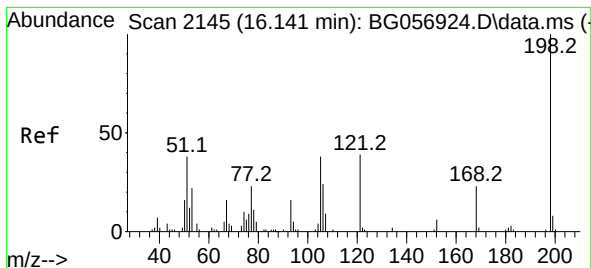
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.767 min Scan# 2422
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion:188 Resp: 112969
Ion Ratio Lower Upper
188 100
94 5.5 4.6 6.8
80 6.9 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 52.854 ng
RT: 16.134 min Scan# 2145
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

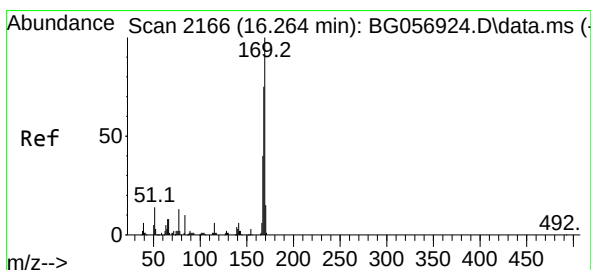
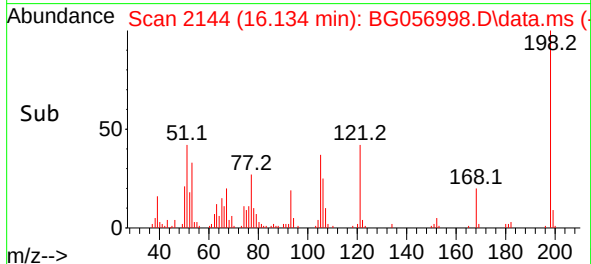
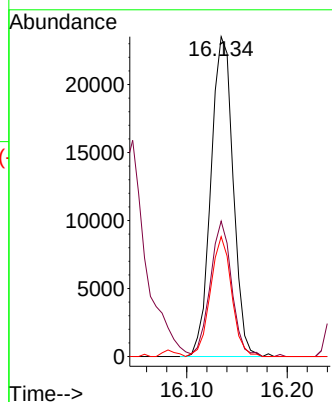
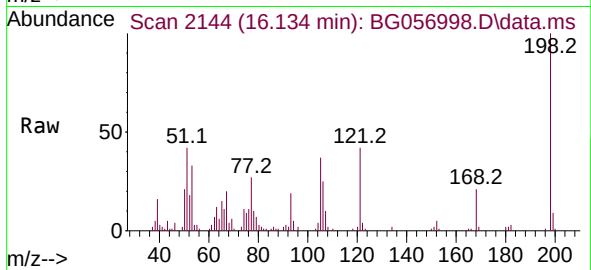
B-37-SB02MS

Tgt Ion:198 Resp: 36162
Ion Ratio Lower Upper
198 100
51 42.3 20.5 60.5
105 37.5 18.1 58.1

Manual Integrations

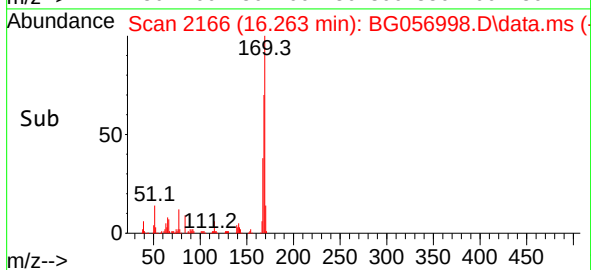
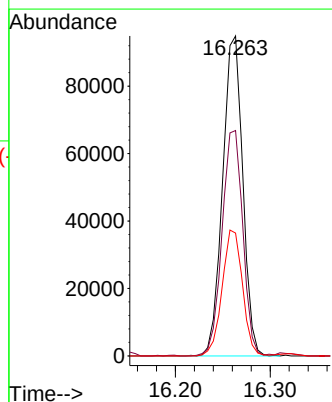
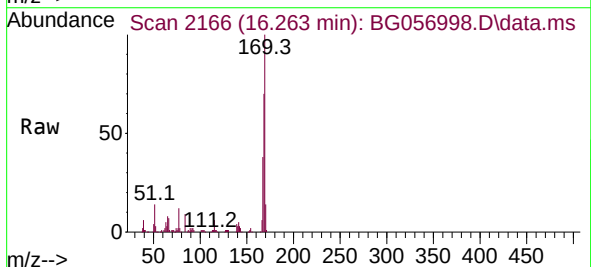
APPROVED

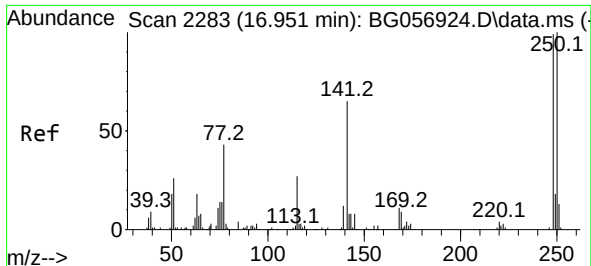
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#66
n-Nitrosodiphenylamine
Concen: 46.118 ng
RT: 16.263 min Scan# 2166
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion:169 Resp: 139857
Ion Ratio Lower Upper
169 100
168 70.4 59.6 89.4
167 38.4 31.8 47.8





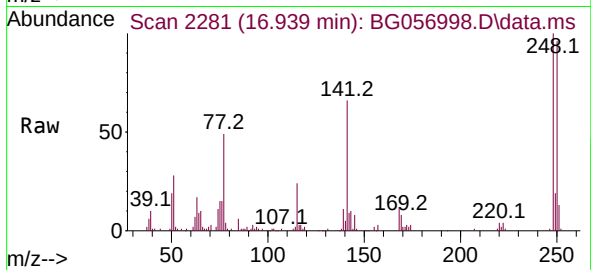
#67
4-Bromophenyl-phenylether
Concen: 45.567 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MS

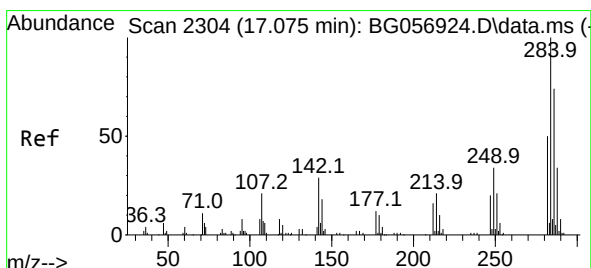
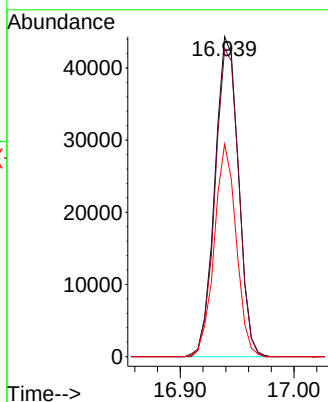
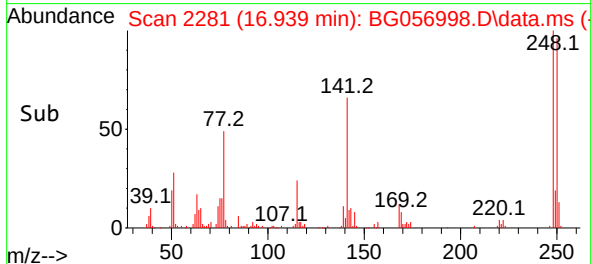


Tgt Ion:248 Resp: 63693
Ion Ratio Lower Upper
248 100
250 96.2 80.5 120.7
141 66.4 52.0 78.0

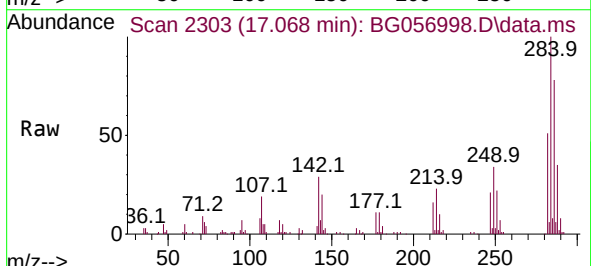
Manual Integrations

APPROVED

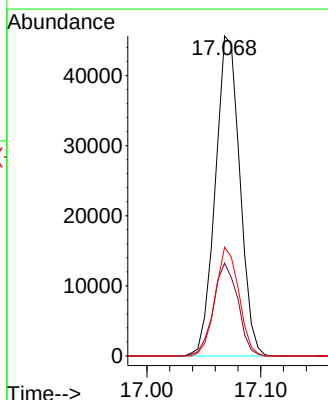
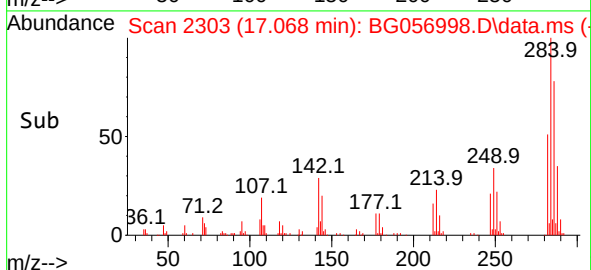
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

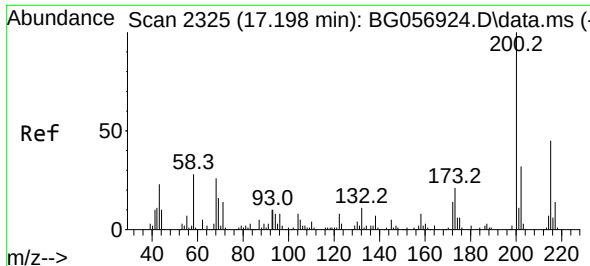


#68
Hexachlorobenzene
Concen: 49.431 ng
RT: 17.068 min Scan# 2303
Delta R.T. -0.010 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01



Tgt Ion:284 Resp: 68310
Ion Ratio Lower Upper
284 100
142 29.0 23.0 34.4
249 34.0 27.1 40.7





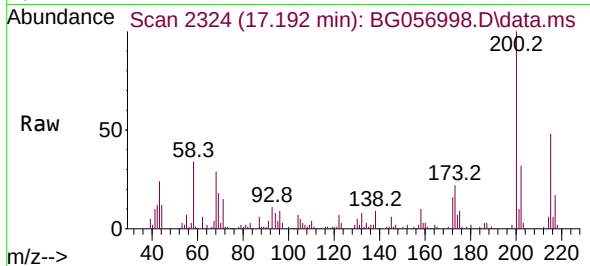
#69
 Atrazine
 Concen: 47.734 ng
 RT: 17.192 min Scan# 2324
 Delta R.T. -0.004 min
 Lab File: BG056998.D
 Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MS

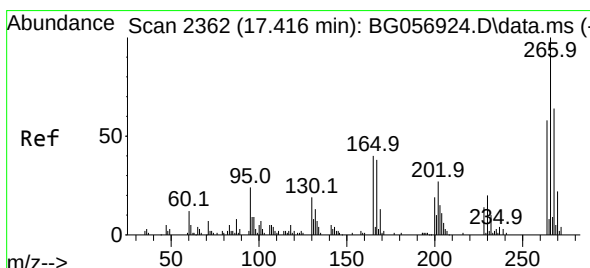
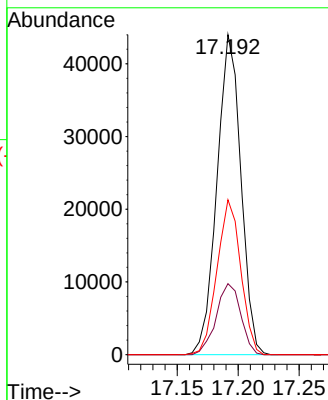
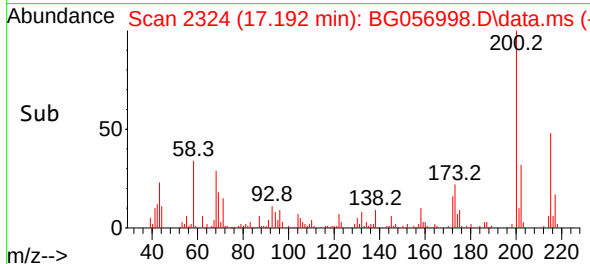


Tgt Ion:200 Resp: 60089
 Ion Ratio Lower Upper
 200 100
 173 22.2 1.0 41.0
 215 48.4 25.0 65.0

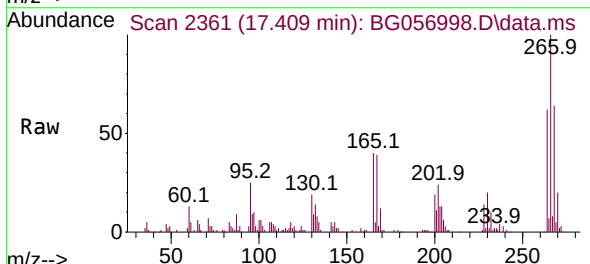
Manual Integrations

APPROVED

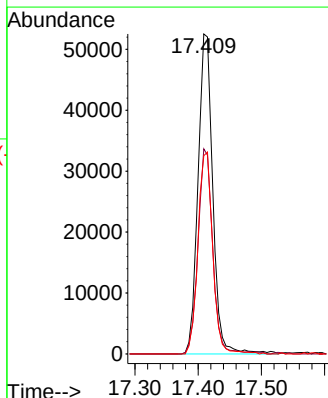
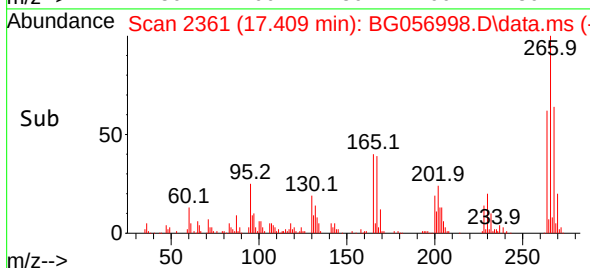
Reviewed By :Christian Giraldo 04/06/2023
 Supervised By :Jagrut Upadhyay 04/06/2023

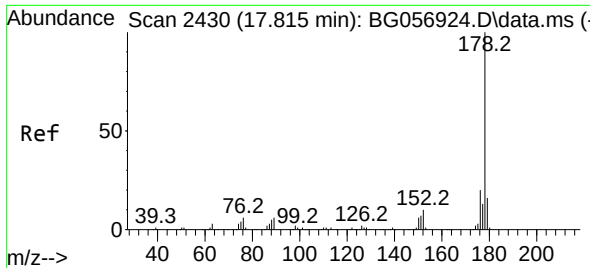


#70
 Pentachlorophenol
 Concen: 86.056 ng
 RT: 17.409 min Scan# 2361
 Delta R.T. -0.004 min
 Lab File: BG056998.D
 Acq: 5 Apr 2023 20:01



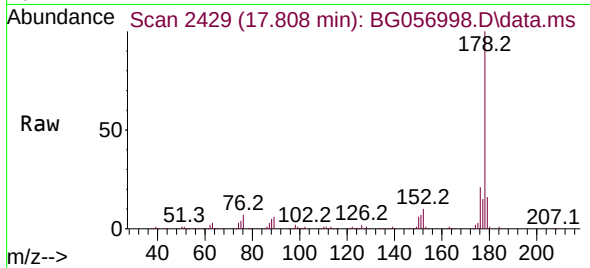
Tgt Ion:266 Resp: 85317
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.0 76.6
 264 61.9 46.8 70.2





#71
Phenanthrene
Concen: 49.521 ng
RT: 17.808 min Scan# 2429
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

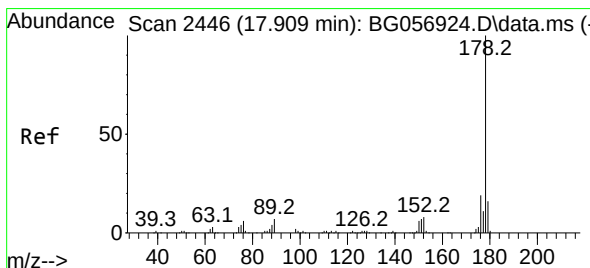
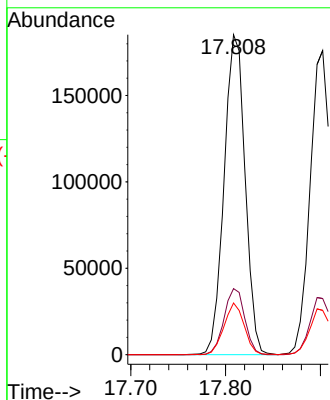
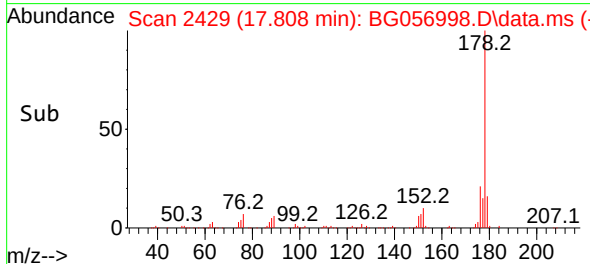
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MS



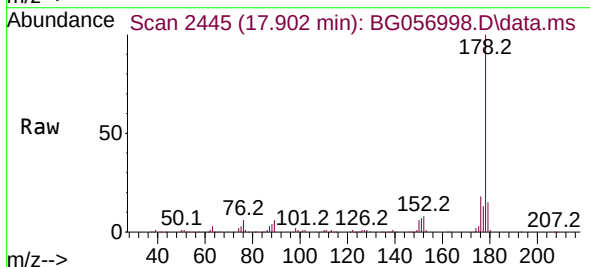
Tgt Ion:178 Resp: 285228
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.2
179 16.1 12.5 18.7

Manual Integrations
APPROVED

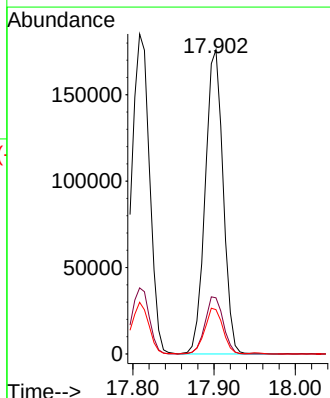
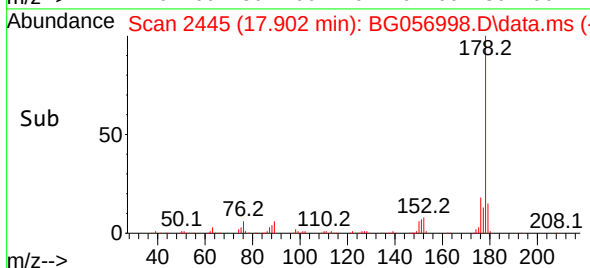
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

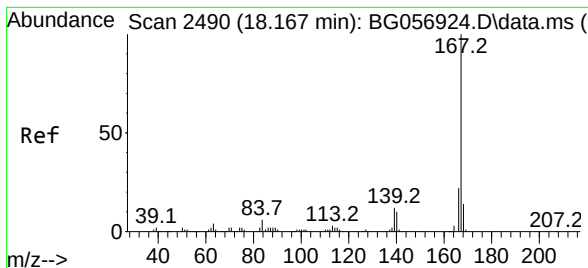


#72
Anthracene
Concen: 45.625 ng
RT: 17.902 min Scan# 2445
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01



Tgt Ion:178 Resp: 269388
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 14.6 12.4 18.6





#73

Carbazole

Concen: 45.949 ng

RT: 18.161 min Scan# 24

Delta R.T. -0.004 min

Lab File: BG056998.D

Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MS

Tgt Ion:167 Resp: 236543

Ion Ratio Lower Upper

167 100

166 24.6 17.9 26.9

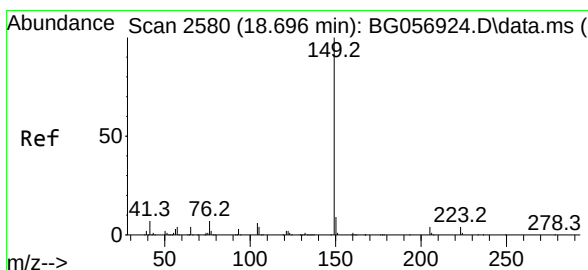
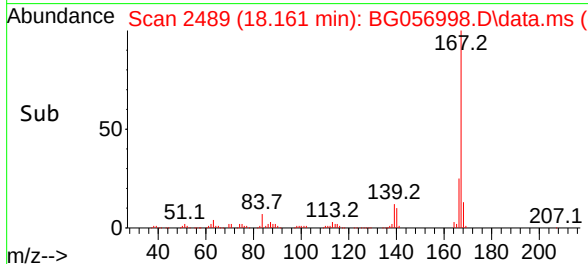
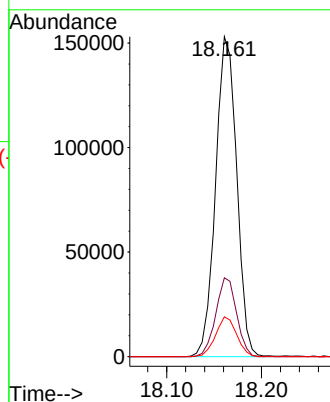
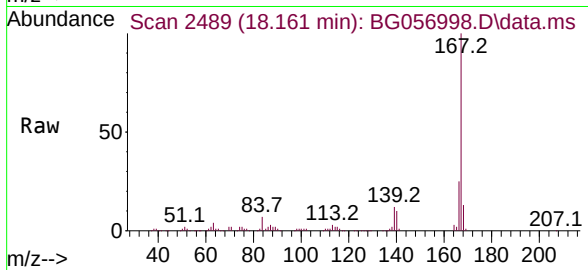
139 12.4 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/06/2023

Supervised By :Jagrut Upadhyay 04/06/2023



#74

Di-n-butylphthalate

Concen: 43.932 ng

RT: 18.684 min Scan# 2578

Delta R.T. -0.004 min

Lab File: BG056998.D

Acq: 5 Apr 2023 20:01

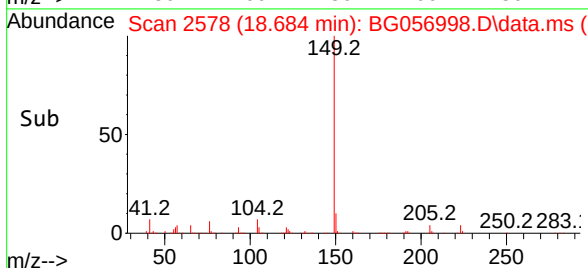
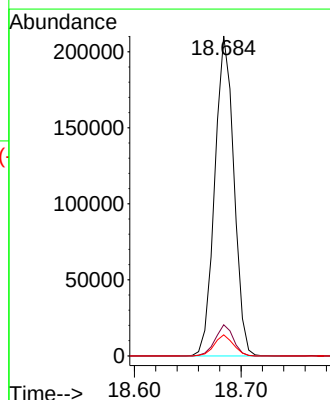
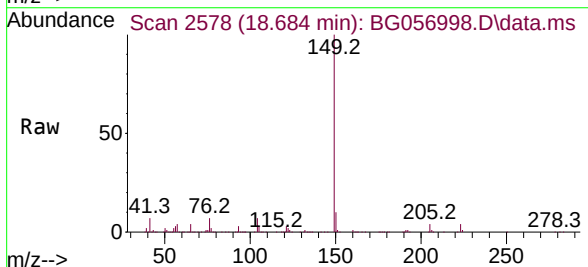
Tgt Ion:149 Resp: 261889

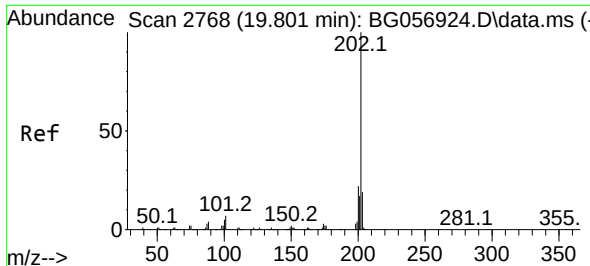
Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.0

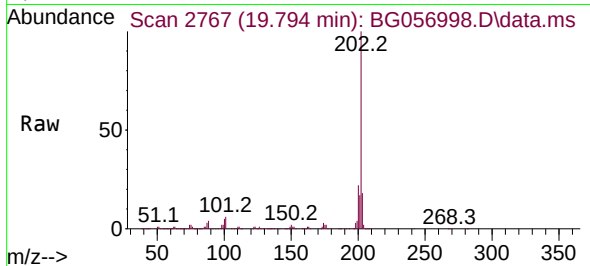
104 6.6 4.9 7.3





#75
Fluoranthene
Concen: 45.183 ng
RT: 19.794 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

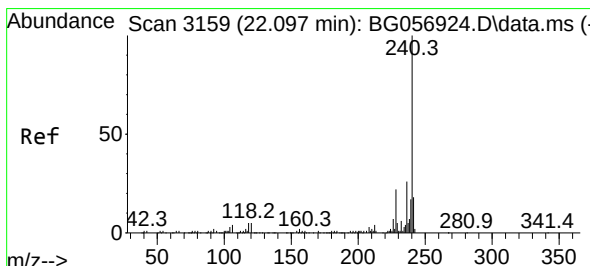
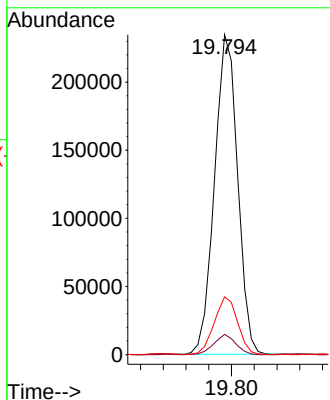
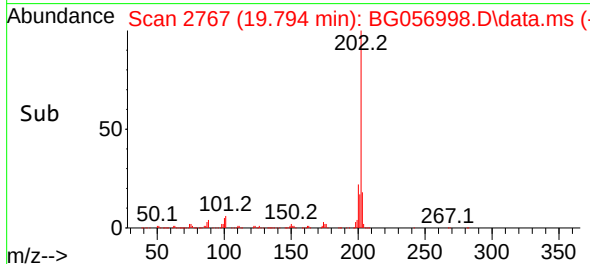
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MS



Tgt Ion:202 Resp: 329896
Ion Ratio Lower Upper
202 100
101 6.3 0.0 26.7
203 18.0 0.0 39.0

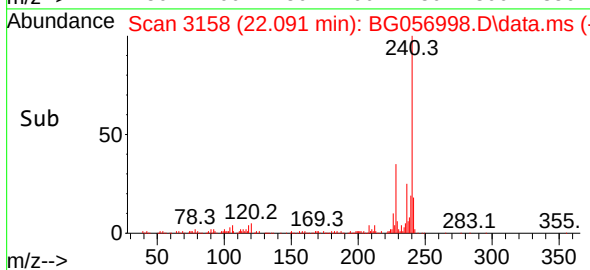
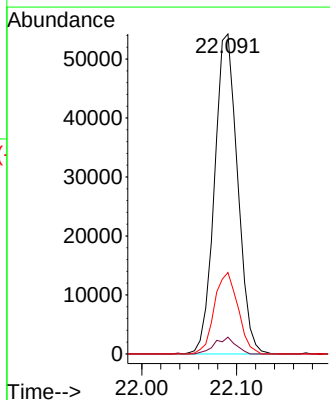
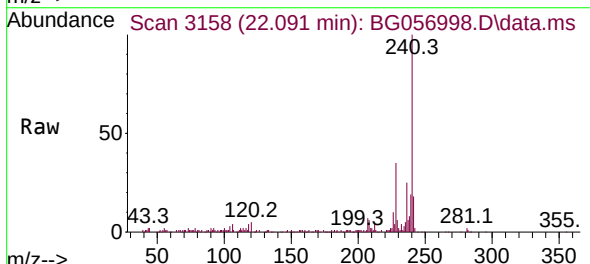
Manual Integrations
APPROVED

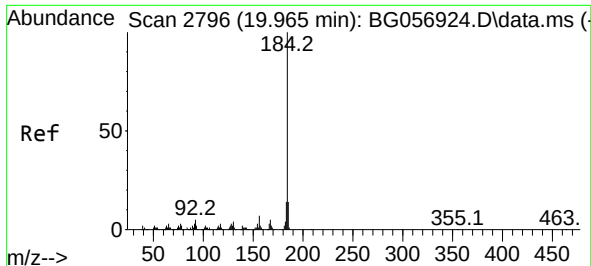
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.091 min Scan# 3158
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion:240 Resp: 91677
Ion Ratio Lower Upper
240 100
120 5.2 3.8 5.6
236 25.4 21.0 31.6





#77
Benzidine
Concen: 27.307 ng
RT: 19.958 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

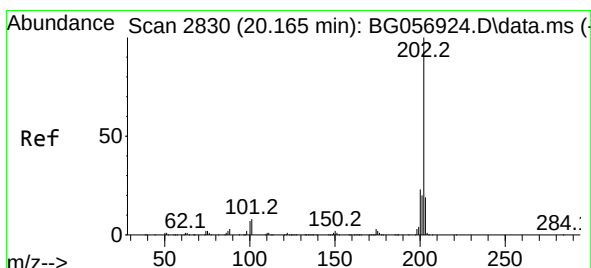
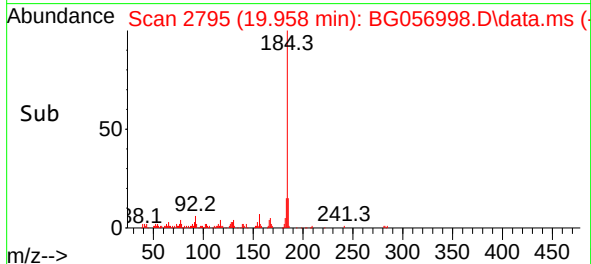
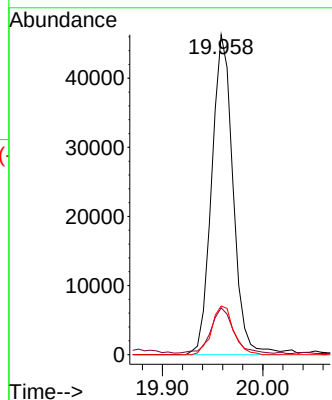
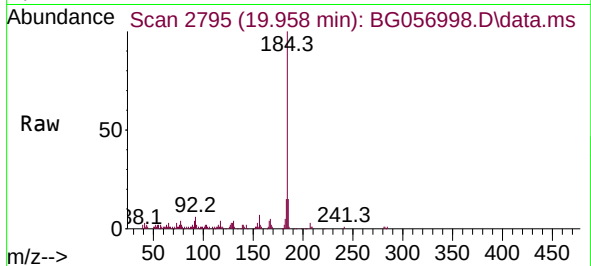
B-37-SB02MS

Tgt Ion:184 Resp: 68426
Ion Ratio Lower Upper
184 100
185 14.6 11.0 16.4
183 15.2 11.4 17.0

Manual Integrations

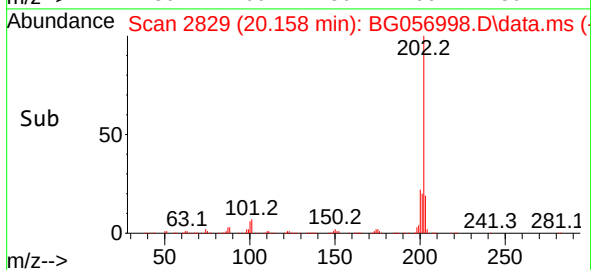
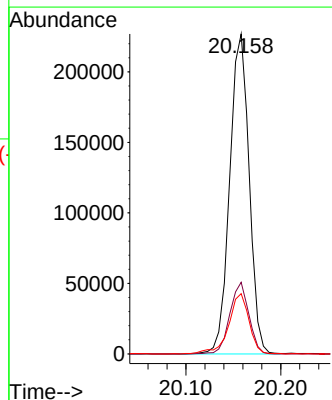
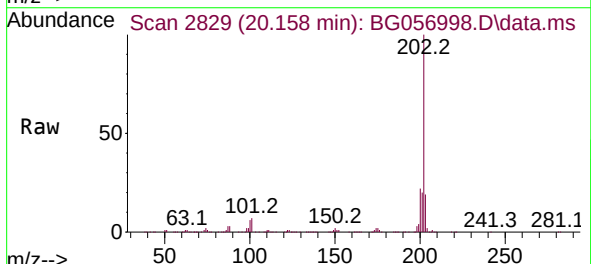
APPROVED

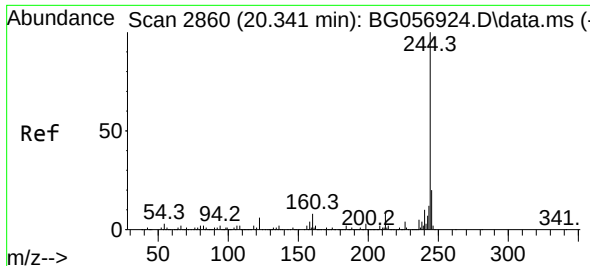
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#78
Pyrene
Concen: 51.006 ng
RT: 20.158 min Scan# 2829
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion:202 Resp: 323424
Ion Ratio Lower Upper
202 100
200 22.4 18.7 28.1
203 18.8 15.4 23.2





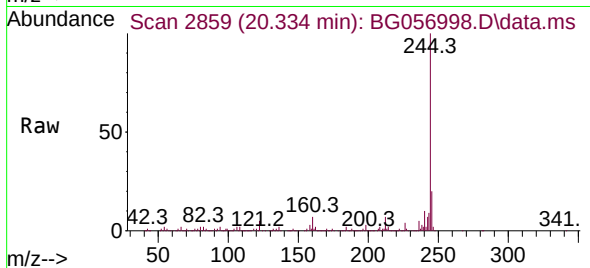
#79
 Terphenyl-d14
 Concen: 59.894 ng
 RT: 20.334 min Scan# 2860
 Delta R.T. -0.004 min
 Lab File: BG056998.D
 Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MS

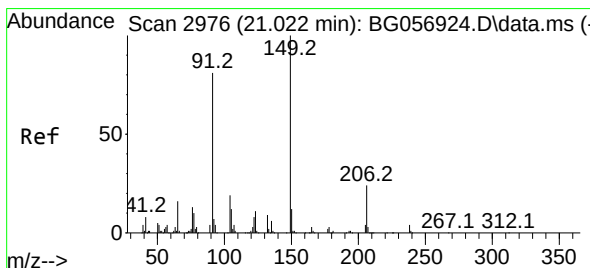
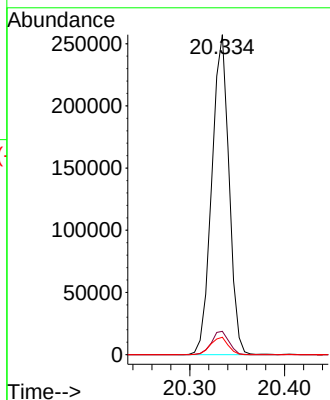
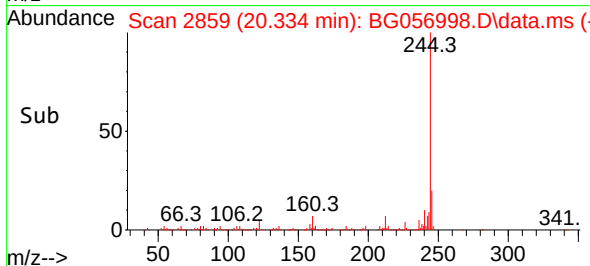


Tgt Ion:244 Resp: 324491
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 5.4 5.0 7.4

Manual Integrations

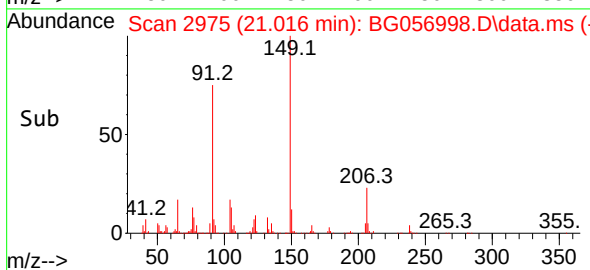
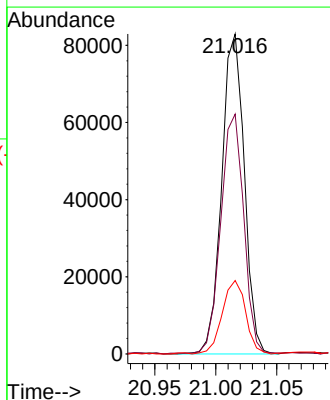
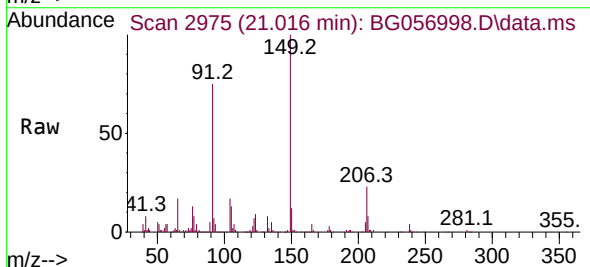
APPROVED

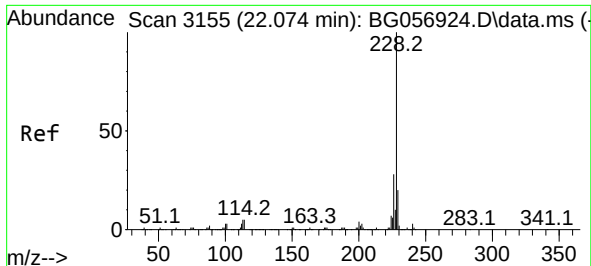
Reviewed By :Christian Giraldo 04/06/2023
 Supervised By :Jagrut Upadhyay 04/06/2023



#80
 Butylbenzylphthalate
 Concen: 48.962 ng
 RT: 21.016 min Scan# 2975
 Delta R.T. 0.001 min
 Lab File: BG056998.D
 Acq: 5 Apr 2023 20:01

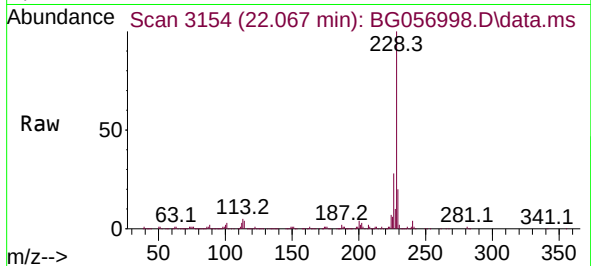
Tgt Ion:149 Resp: 106835
 Ion Ratio Lower Upper
 149 100
 91 74.9 64.4 96.6
 206 22.9 18.9 28.3





#81
Benzo(a)anthracene
Concen: 47.474 ng
RT: 22.067 min Scan# 3155
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

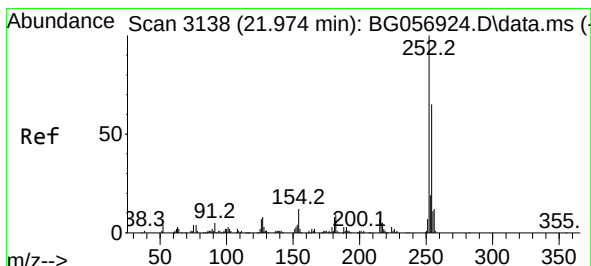
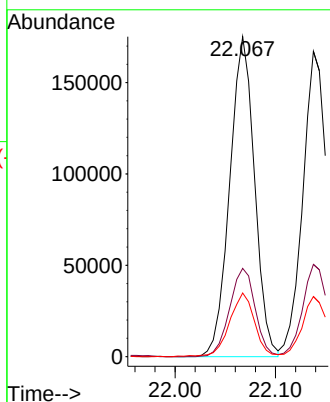
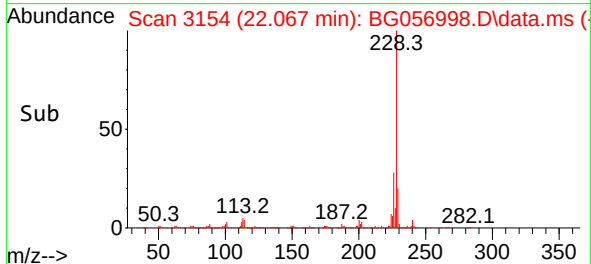
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MS



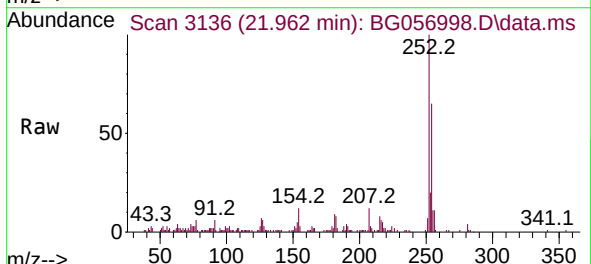
Tgt Ion:228 Resp: 301176
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.9 16.1 24.1

Manual Integrations
APPROVED

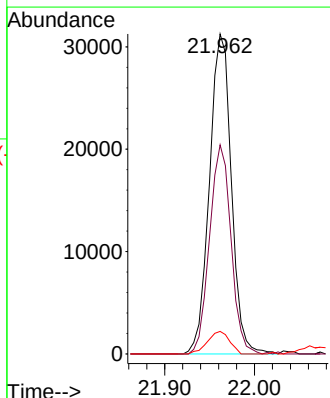
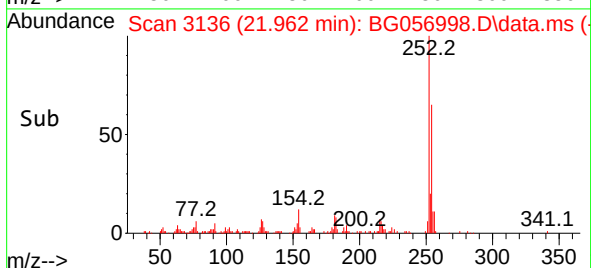
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

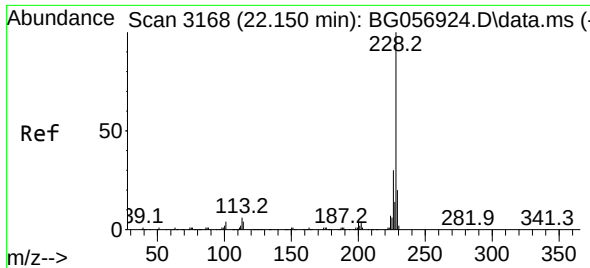


#82
3,3'-Dichlorobenzidine
Concen: 24.756 ng
RT: 21.962 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01



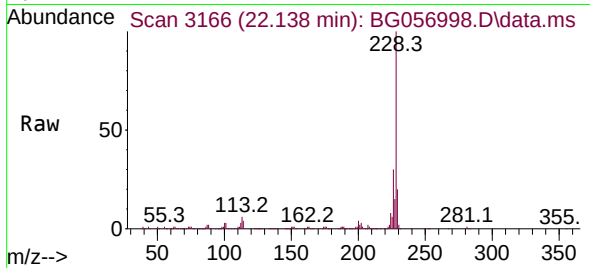
Tgt Ion:252 Resp: 53033
Ion Ratio Lower Upper
252 100
254 65.3 51.7 77.5
126 7.0 5.6 8.4





#83
Chrysene
Concen: 47.101 ng
RT: 22.138 min Scan# 3166
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

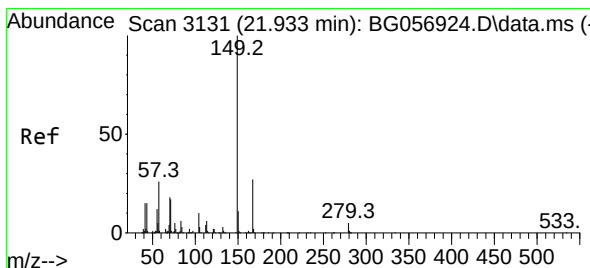
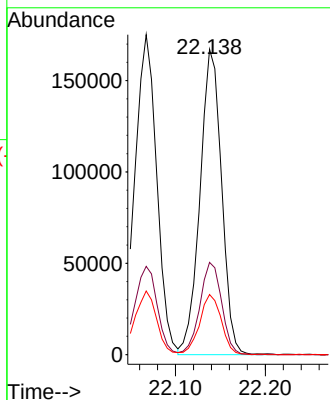
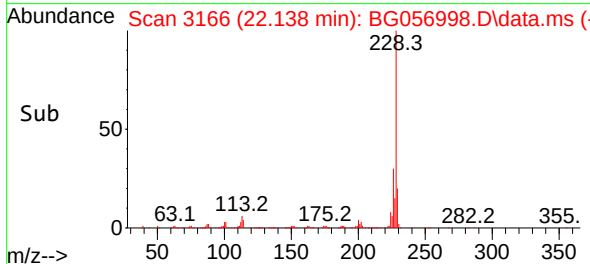
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MS



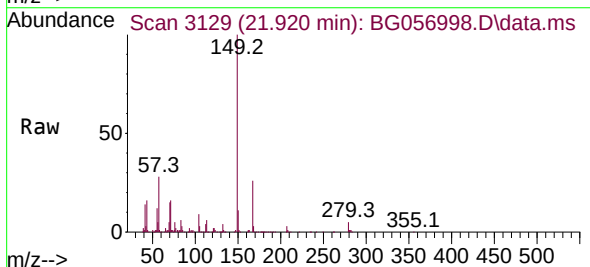
Tgt Ion:228 Resp: 279783
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 19.7 15.6 23.4

Manual Integrations
APPROVED

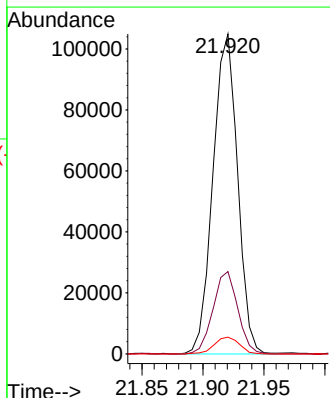
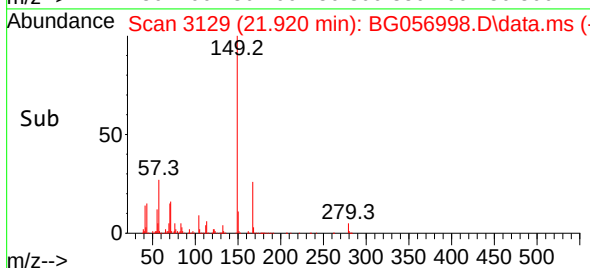
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

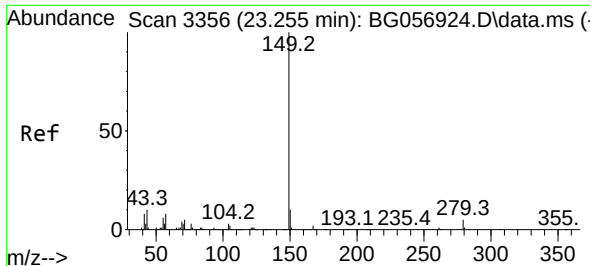


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.569 ng
RT: 21.920 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01



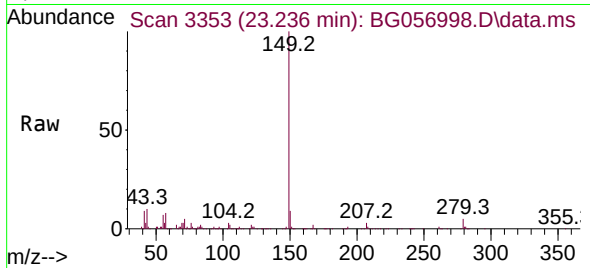
Tgt Ion:149 Resp: 147141
Ion Ratio Lower Upper
149 100
167 25.7 21.4 32.2
279 5.2 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 45.897 ng
RT: 23.236 min Scan# 3356
Delta R.T. -0.004 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

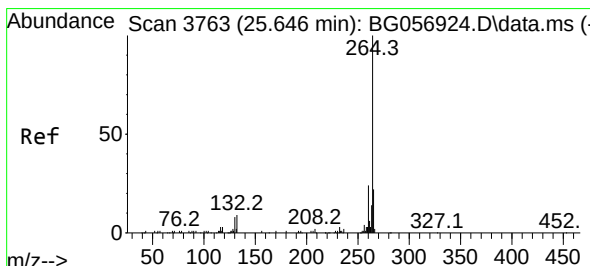
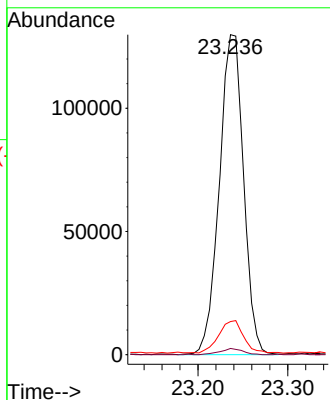
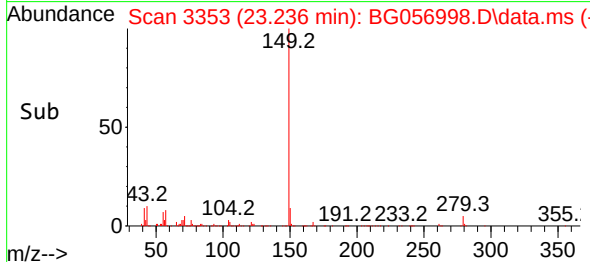
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MS



Tgt Ion:149 Resp: 244376
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 10.4 7.9 11.9

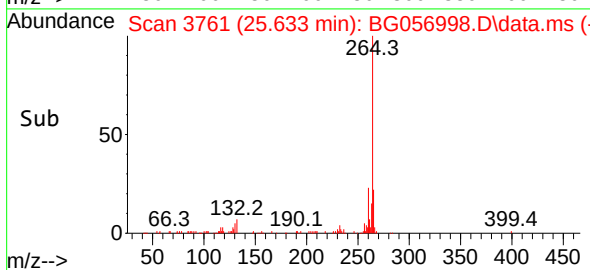
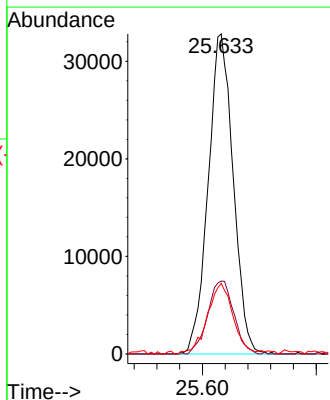
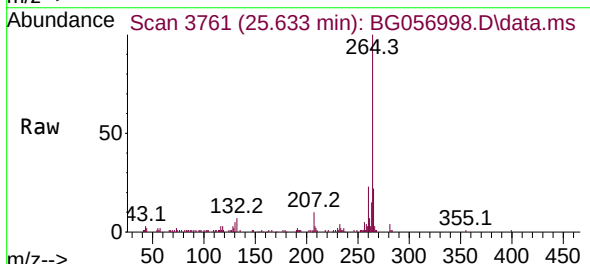
Manual Integrations
APPROVED

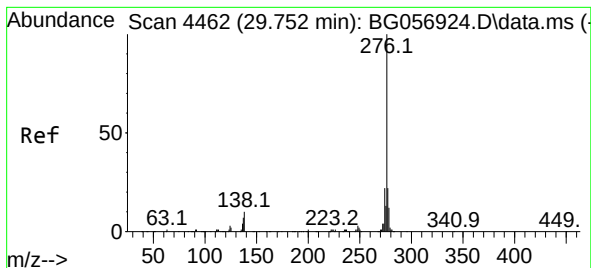
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.633 min Scan# 3761
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion:264 Resp: 100061
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.4
265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.565 ng

RT: 29.728 min Scan# 4462

Delta R.T. -0.010 min

Lab File: BG056998.D

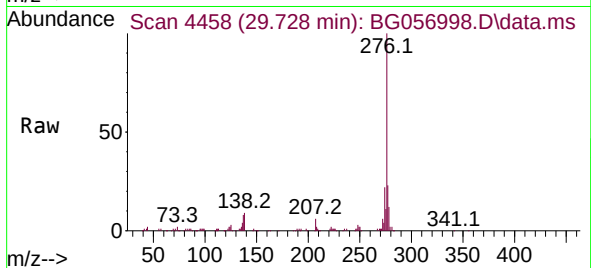
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

B-37-SB02MS



Tgt Ion:276 Resp: 351740

Ion Ratio Lower Upper

276 100

138 6.7 7.7 11.5

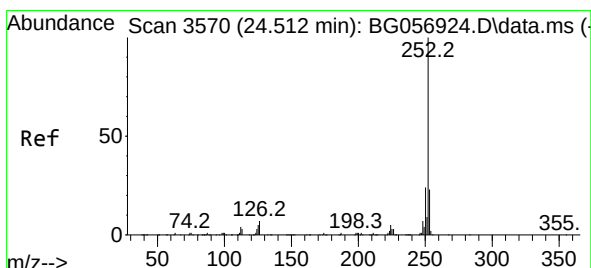
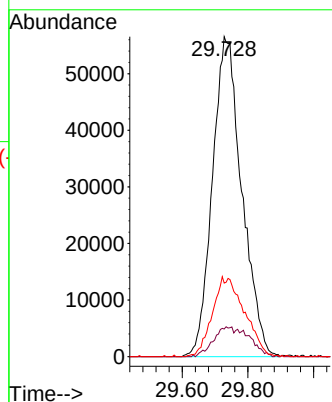
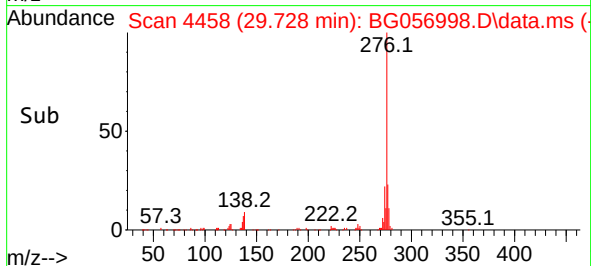
277 10.7 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/06/2023

Supervised By :Jagrut Upadhyay 04/06/2023



#88

Benzo(b)fluoranthene

Concen: 48.981 ng

RT: 24.499 min Scan# 3568

Delta R.T. -0.004 min

Lab File: BG056998.D

Acq: 5 Apr 2023 20:01

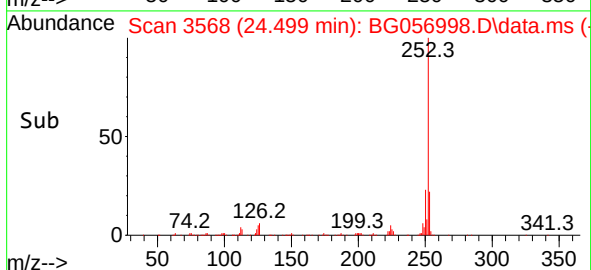
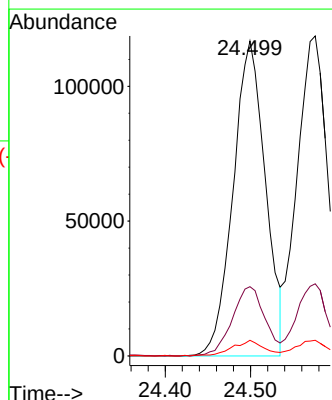
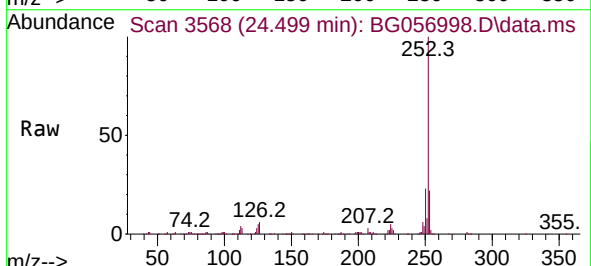
Tgt Ion:252 Resp: 306482

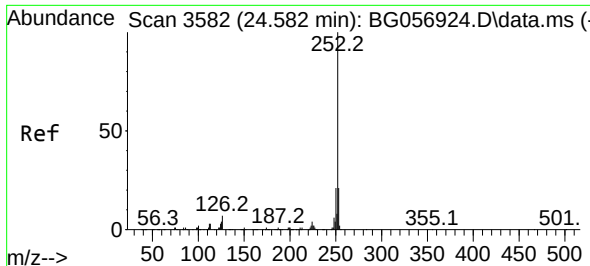
Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

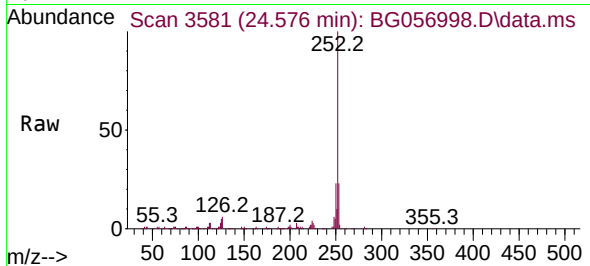
125 5.0 4.2 6.4





#89
Benzo(k)fluoranthene
Concen: 47.220 ng
RT: 24.576 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

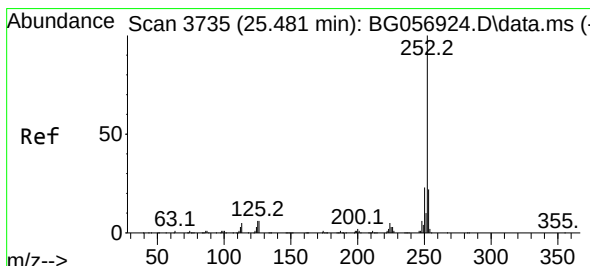
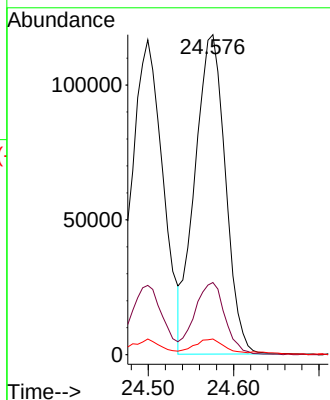
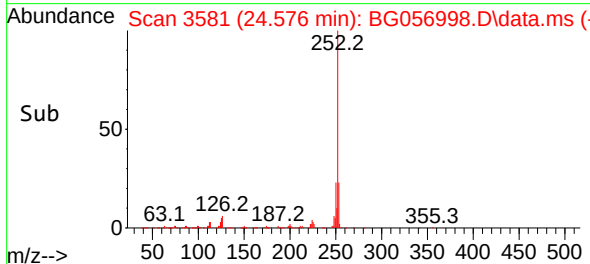
Instrument :
BNA_G
ClientSampleId :
B-37-SB02MS



Tgt Ion:252 Resp: 294970
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 4.9 3.8 5.6

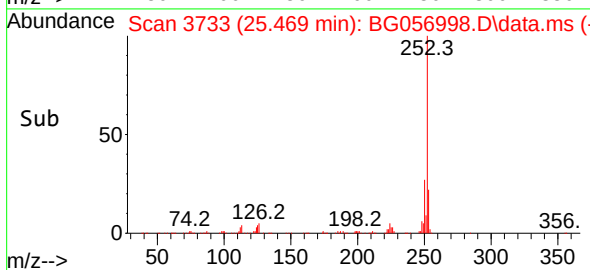
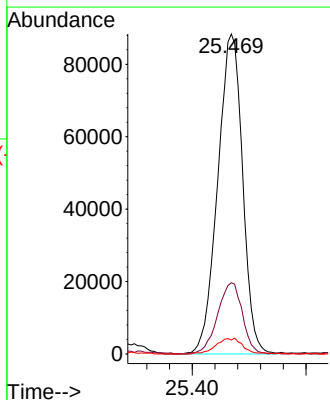
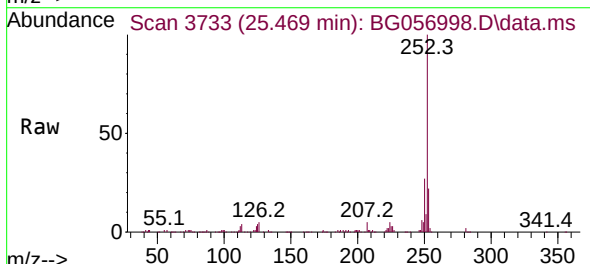
Manual Integrations
APPROVED

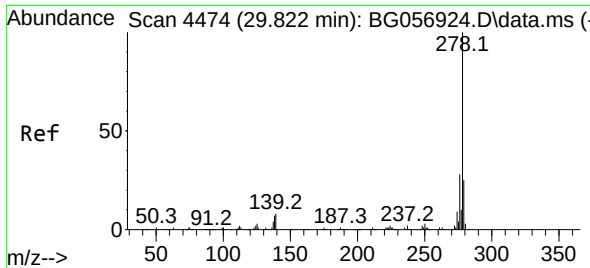
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#90
Benzo(a)pyrene
Concen: 43.496 ng
RT: 25.469 min Scan# 3733
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion:252 Resp: 267441
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 4.3 4.5 6.7#





#91
Dibenzo(a,h)anthracene
Concen: 47.687 ng
RT: 29.792 min Scan# 4474
Delta R.T. -0.016 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Instrument :

BNA_G

ClientSampleId :

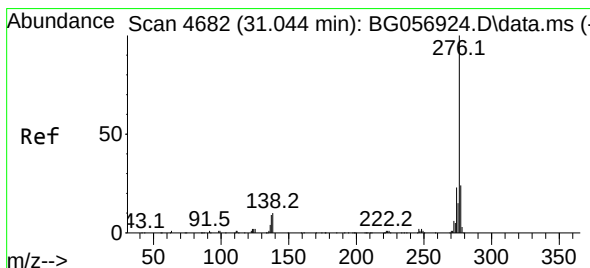
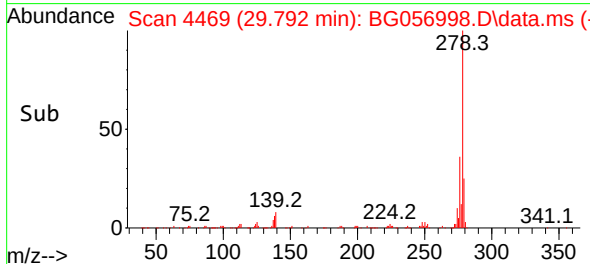
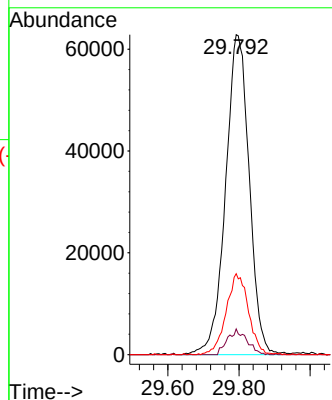
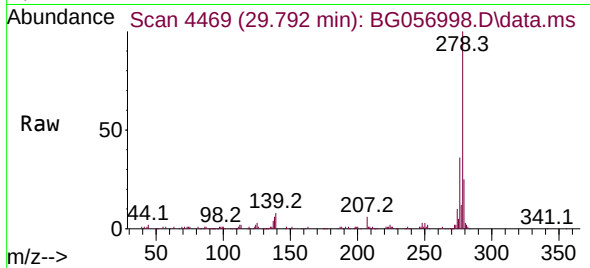
B-37-SB02MS

Tgt Ion:278 Resp: 289868
Ion Ratio Lower Upper
278 100
139 8.0 6.4 9.6
279 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#92
Benzo(g,h,i)perylene
Concen: 47.384 ng
RT: 31.032 min Scan# 4680
Delta R.T. 0.001 min
Lab File: BG056998.D
Acq: 5 Apr 2023 20:01

Tgt Ion:276 Resp: 282032
Ion Ratio Lower Upper
276 100
277 24.7 19.1 28.7
138 9.7 8.2 12.2

